

# PREP BATCH REPORT

Prep Code: **SVOC-3510C-8270**  
 Prep Batch **162956** Prep Temp **NA °C**

Technician: **Zachary B. Zaccardi**  
 Batch Units: **ML**

Prep Start Date: **1/14/2022 2:01:24 PM**  
 Prep End Date: **1/17/2022 2:11:00 PM**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
MB-162956			1000	0	0	1.00	0.001		1/14/2022	1/17/2022
	Supervised by RJB									
LCS-162956			1000	0	0	1.00	0.001		1/14/2022	1/17/2022
LCSD-162956			1000	0	0	1.00	0.001		1/14/2022	1/17/2022
LLCS-162956			1000	0	0	1.00	0.001		1/14/2022	1/17/2022
LLCSD-162956			1000	0	0	1.00	0.001		1/14/2022	1/17/2022
B22010750-001C	Ground Water	6	1020	0	0	1.00	0.00098		1/14/2022	1/17/2022
	Sample was clear (1/2)									
B22010755-001C	Ground Water	6	1010	0	0	1.00	0.00099		1/14/2022	1/17/2022
	Sample had a yellow tint (1/2)									
B22010756-001C	Ground Water	6	960	0	0	1.00	0.00104		1/14/2022	1/17/2022
	Sample had a yellow tint (1/2)									
B22010757-001C	Ground Water	6	1000	0	0	1.00	0.001		1/14/2022	1/17/2022
	Sample had a yellow tint (1/2)									
B22010758-001C	Ground Water	6	1000	0	0	1.00	0.001		1/14/2022	1/17/2022
	Sample was clear (1/2)									
B22010758-002A	Ground Water	6	1040	0	0	1.00	0.000962		1/14/2022	1/17/2022
	Sample was clear (1/2)									
B22010759-001C	Ground Water	6	1050	0	0	1.00	0.000952		1/14/2022	1/17/2022
	Sample was a cloudy orange (1/6)									
B22010759-001CMS	Ground Water	6	1030	0	0	1.00	0.000971		1/14/2022	1/17/2022
	Sample was a cloudy orange (2/6)									
B22010759-001CMSD	Ground Water	6	1010	0	0	1.00	0.00099		1/14/2022	1/17/2022
	Sample was a cloudy orange (3/6)									
B22010759-001CLMS	Ground Water	6	1020	0	0	1.00	0.00098		1/14/2022	1/17/2022
	Sample was a cloudy yellow (4/6) Sample was spiked low, surrogate high									

Number	Reagent Name	Exp Date	
13124	Sulfuric Acid 2020070739	7/2/2022	2mL
13273	pH-indicator Strips 0-14 HC025486	9/30/2024	
14196	Dichloromethane EB867	6/18/2023	100.50
14647	Dichloromethane EC832	10/28/2023	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
FP220105 14446	DCM RINSED FILTER PAPER	ALL		4/6/2026
Sulfate 1/13/22 (1	Baked Sodium Sulfate	ALL	varies	11/29/2026
sv83418	Benzidines	LCS, MS	50 uL	3/17/2024
sv92715	LCS/Add Extractions	LCS, MS; LLCS/D	1.0 mL; 5	9/24/2022
SVOC NaOH 122	10 N NaOH	MB, LCS, SAMP,	5 drops	7/31/2023
sv92717	LL BNA Surr	SAMP, LMS, LLC	100 uL	3/31/2022
sv92706	BNA Surr	SAMP, MB, LCS,	100 uL	3/31/2022

# PREP BATCH REPORT

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Technician: **Zachary B. Zaccardi**  
 Batch Units: **ML**

Prep Start Date: **1/14/2022 2:01:24 PM**  
 Prep End Date: **1/17/2022 2:11:00 PM**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
B22010759-001CLMSD	Ground Water	6	1030	0	0	1.00	0.000971		1/14/2022	1/17/2022
Sample was a cloudy orange (5/6) Sample was spiked low, surrogate high										

Number	Reagent Name	Exp Date	
13124	Sulfuric Acid 2020070739	7/2/2022	2mL
13273	pH-indicator Strips 0-14 HC025486	9/30/2024	
14196	Dichloromethane EB867	6/18/2023	100,50
14647	Dichloromethane EC832	10/28/2023	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
FP220105 14446	DCM RINSED FILTER PAPER	ALL		4/6/2026
Sulfate 1/13/22 (1	Baked Sodium Sulfate	ALL	varies	11/29/2026
sv83418	Benzidines	LCS, MS	50 uL	3/17/2024
sv92715	LCS/Add Extractions	LCS, MS; LLCS/D	1.0 mL; 5	9/24/2022
SVOC NaOH 122	10 N NaOH	MB, LCS, SAMP,	5 drops	7/31/2023
sv92717	LL BNA Surr	SAMP, LMS, LLC	100 uL	3/31/2022
sv92706	BNA Surr	SAMP, MB, LCS,	100 uL	3/31/2022

# Energy Laboratories Inc

# ANALYTICAL RUN Summary

04-Feb-22

Run ID SV5975.I\_220114A

Run Start Date: 1/14/2022
Analyst: John P. Heine
Ical:
Column ID: ZB-SemiVolatiles
Comments:

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
dcmsvoc13	DCM						11/17/2022
sv100210	BNA 2nd source 200ug/mL	2	ul	198	ul	ICV	1/15/2022
sv100506	BNA low 50 ug/mL	8	ul	192	ul	CCV	3/31/2022
sv100703	BNA Internals 2000 ug/mL	2	ul	100	ul	SAMP	5/31/2022
sv83311	DFTPP 1000 ug/mL	50	ul	50	ul	TUNE	10/31/2022

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14980592	Jan1410_D_TU	SVOC-8270-DF	TUNE	V5975.I\sh0114221	14/2022 4:18:0	1	R373230		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
127, % of mass 198	A	%	58.8	58.8		100	0	0	0	0.01	0	59%	40	60	0%	
197, % of mass 198	A	%	0	0		100	0	0	0	0.01	0	0%	0	0.99	0%	
198, Base Peak	A	%	100	100		100	0	0	0	0.01	0	100%	100	100	0%	
199, % of mass 198	A	%	6.8	6.8		100	0	0	0	0.01	0	7%	5	9	0%	
275, % of mass 198	A	%	27.6	27.6		100	0	0	0	0.01	0	28%	10	30	0%	
365, % of mass 198	A	%	3.2	3.2		100	0	0	0	0.01	0	3%	1	99.99	0%	
441, % of mass 443	A	%	94.3	94.3		100	0	0	0	0.01	0	94%	0.01	150	0%	
442, % of mass 198	A	%	64.8	64.8		100	0	0	0	0.01	0	65%	40	100	0%	
443, % of mass 442	A	%	19.2	19.2		100	0	0	0	0.01	0	19%	17	23	0%	
51, % of mass 198	A	%	48.4	48.4		100	0	0	0	0.01	0	48%	30	60	0%	
68, % of mass 69	A	%	0	0		100	0	0	0	0.01	0	0%	0	1.99	0%	
70, % of mass 69	A	%	0.4	0.4		100	0	0	0	0.01	0	0%	0	1.99	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14980593	14-Jan-22_CAL_	SVOC-8270-W-	ICAL	V5975.I\sh0114221/14/2022	4:42:2	1	R373230		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	9.50102	9.50102		10	0	0	0.0206	0.1	10	95%	20	120	0%	
2-Methylnaphthalene	A	ug/L	9.7276	9.7276		10	0	0	0.0176	0.1	10	97%	20	120	0%	
Acenaphthene	A	ug/L	9.5126	9.5126		10	0	0	0.0317	0.1	10	95%	20	120	0%	
Acenaphthylene	A	ug/L	10.69239	10.69239		10	0	0	0.025	0.1	10	107%	20	120	0%	
Anthracene	A	ug/L	10.01775	10.01775		10	0	0	0.0283	0.1	10	100%	20	120	0%	
Benzo(a)anthracene	A	ug/L	10.02184	10.02184		10	0	0	0.0272	0.1	10	100%	20	120	0%	
Benzo(a)pyrene	A	ug/L	10.0209	10.0209		10	0	0	0.0347	0.1	10	100%	20	120	0%	
Benzo(b)fluoranthene	A	ug/L	11.07554	11.07554		10	0	0	0.0226	0.1	10	111%	20	120	0%	
Benzo(g,h,i)perylene	A	ug/L	10.02903	10.02903		10	0	0	0.0267	0.1	10	100%	20	120	0%	
Benzo(k)fluoranthene	A	ug/L	9.97888	9.97888		10	0	0	0.0295	0.1	10	100%	20	120	0%	
Chrysene	A	ug/L	9.53889	9.53889		10	0	0	0.0458	0.1	10	95%	20	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	10.94419	10.94419		10	0	0	0.0367	0.1	10	109%	20	120	0%	
Fluoranthene	A	ug/L	10.18625	10.18625		10	0	0	0.0233	0.1	10	102%	20	120	0%	
Fluorene	A	ug/L	9.68209	9.68209		10	0	0	0.0225	0.1	10	97%	20	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	10.00516	10.00516		10	0	0	0.0491	0.1	10	100%	20	120	0%	
Naphthalene	A	ug/L	10.1018	10.1018		10	0	0	0.029	0.1	10	101%	20	120	0%	
Phenanthrene	A	ug/L	10.01682	10.01682		10	0	0	0.0295	0.1	10	100%	20	120	0%	
Pyrene	A	ug/L	10.17961	10.17961		10	0	0	0.0239	0.1	10	102%	20	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	10.12421	10.12421		10	0	0	0.0444	0.1	10	101%	20	120	0%	
Nitrobenzene-d5	S	ug/L	9.99758	9.99758		10	0	0	0.0523	0.1	10	100%	20	120	0%	
Terphenyl-d14	S	ug/L	10.0104	10.0104		10	0	0	0.0563	0.1	10	100%	20	120	0%	
o-Terphenyl	X	ug/L	9.52874	9.52874		10	0	0	0.0654	0.1	10	95%	20	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14980594	14-Jan-22_CAL_	SVOC-8270-W-	ICAL	V5975.I\sh0114221/14/2022	5:14:4	1	R373230		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14980594	14-Jan-22_CAL_	SVOC-8270-W-	ICAL	V5975.I\sh0114221/14/2022	5:14:4	1	R373230		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	4.58115	4.58115		5	0	0	0.0206	0.1	10	92%	20	120	0%	
2-Methylnaphthalene	A	ug/L	4.65936	4.65936		5	0	0	0.0176	0.1	10	93%	20	120	0%	
Acenaphthene	A	ug/L	4.70812	4.70812		5	0	0	0.0317	0.1	10	94%	20	120	0%	
Acenaphthylene	A	ug/L	4.93138	4.93138		5	0	0	0.025	0.1	10	99%	20	120	0%	
Anthracene	A	ug/L	4.94657	4.94657		5	0	0	0.0283	0.1	10	99%	20	120	0%	
Benzo(a)anthracene	A	ug/L	4.93171	4.93171		5	0	0	0.0272	0.1	10	99%	20	120	0%	
Benzo(a)pyrene	A	ug/L	4.93889	4.93889		5	0	0	0.0347	0.1	10	99%	20	120	0%	
Benzo(b)fluoranthene	A	ug/L	5.0532	5.0532		5	0	0	0.0226	0.1	10	101%	20	120	0%	
Benzo(g,h,i)perylene	A	ug/L	4.91764	4.91764		5	0	0	0.0267	0.1	10	98%	20	120	0%	
Benzo(k)fluoranthene	A	ug/L	5.05302	5.05302		5	0	0	0.0295	0.1	10	101%	20	120	0%	
Chrysene	A	ug/L	4.61514	4.61514		5	0	0	0.0458	0.1	10	92%	20	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	5.03779	5.03779		5	0	0	0.0367	0.1	10	101%	20	120	0%	
Fluoranthene	A	ug/L	4.87191	4.87191		5	0	0	0.0233	0.1	10	97%	20	120	0%	
Fluorene	A	ug/L	4.68279	4.68279		5	0	0	0.0225	0.1	10	94%	20	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	4.97155	4.97155		5	0	0	0.0491	0.1	10	99%	20	120	0%	
Naphthalene	A	ug/L	4.80463	4.80463		5	0	0	0.029	0.1	10	96%	20	120	0%	
Phenanthrene	A	ug/L	4.94768	4.94768		5	0	0	0.0295	0.1	10	99%	20	120	0%	
Pyrene	A	ug/L	4.6369	4.6369		5	0	0	0.0239	0.1	10	93%	20	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	4.81281	4.81281		5	0	0	0.0444	0.1	10	96%	20	120	0%	
Nitrobenzene-d5	S	ug/L	5.00273	5.00273		5	0	0	0.0523	0.1	10	100%	20	120	0%	
Terphenyl-d14	S	ug/L	4.96273	4.96273		5	0	0	0.0563	0.1	10	99%	20	120	0%	
o-Terphenyl	X	ug/L	4.62338	4.62338		5	0	0	0.0654	0.1	10	92%	20	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14980595	14-Jan-22_CAL_	SVOC-8270-W-	ICAL	V5975.I\sh0114221/14/2022	5:47:1	1	R373230		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14980595	14-Jan-22_CAL_	SVOC-8270-W-	ICAL	V5975.I\sh0114221/14/2022	5:47:1	1	R373230		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	1.85144	1.85144		2	0	0	0.0206	0.1	10	93%	20	120	0%	
2-Methylnaphthalene	A	ug/L	1.98647	1.98647		2	0	0	0.0176	0.1	10	99%	20	120	0%	
Acenaphthene	A	ug/L	1.91541	1.91541		2	0	0	0.0317	0.1	10	96%	20	120	0%	
Acenaphthylene	A	ug/L	1.8998	1.8998		2	0	0	0.025	0.1	10	95%	20	120	0%	
Anthracene	A	ug/L	2.03964	2.03964		2	0	0	0.0283	0.1	10	102%	20	120	0%	
Benzo(a)anthracene	A	ug/L	2.0469	2.0469		2	0	0	0.0272	0.1	10	102%	20	120	0%	
Benzo(a)pyrene	A	ug/L	2.01732	2.01732		2	0	0	0.0347	0.1	10	101%	20	120	0%	
Benzo(b)fluoranthene	A	ug/L	2.02203	2.02203		2	0	0	0.0226	0.1	10	101%	20	120	0%	
Benzo(g,h,i)perylene	A	ug/L	2.02675	2.02675		2	0	0	0.0267	0.1	10	101%	20	120	0%	
Benzo(k)fluoranthene	A	ug/L	2.00453	2.00453		2	0	0	0.0295	0.1	10	100%	20	120	0%	
Chrysene	A	ug/L	1.90834	1.90834		2	0	0	0.0458	0.1	10	95%	20	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	1.82121	1.82121		2	0	0	0.0367	0.1	10	91%	20	120	0%	
Fluoranthene	A	ug/L	1.9135	1.9135		2	0	0	0.0233	0.1	10	96%	20	120	0%	
Fluorene	A	ug/L	1.92587	1.92587		2	0	0	0.0225	0.1	10	96%	20	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	2.05636	2.05636		2	0	0	0.0491	0.1	10	103%	20	120	0%	
Naphthalene	A	ug/L	1.89994	1.89994		2	0	0	0.029	0.1	10	95%	20	120	0%	
Phenanthrene	A	ug/L	2.05092	2.05092		2	0	0	0.0295	0.1	10	103%	20	120	0%	
Pyrene	A	ug/L	1.98327	1.98327		2	0	0	0.0239	0.1	10	99%	20	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	1.91595	1.91595		2	0	0	0.0444	0.1	10	96%	20	120	0%	
Nitrobenzene-d5	S	ug/L	2.01735	2.01735		2	0	0	0.0523	0.1	10	101%	20	120	0%	
Terphenyl-d14	S	ug/L	2.05065	2.05065		2	0	0	0.0563	0.1	10	103%	20	120	0%	
o-Terphenyl	X	ug/L	1.95744	1.95744		2	0	0	0.0654	0.1	10	98%	20	120	0%	

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14980596	14-Jan-22_CAL_	SVOC-8270-W-	ICAL	V5975.I\sh0114221/14/2022	6:19:4	1	R373230		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

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14980596	14-Jan-22_CAL_	SVOC-8270-W-	ICAL	V5975.I\sh0114221/14/2022	6:19:4	1	R373230		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0.94538	0.94538		1	0	0	0.0206	0.1	10	95%	20	120	0%	
2-Methylnaphthalene	A	ug/L	0.97552	0.97552		1	0	0	0.0176	0.1	10	98%	20	120	0%	
Acenaphthene	A	ug/L	0.95606	0.95606		1	0	0	0.0317	0.1	10	96%	20	120	0%	
Acenaphthylene	A	ug/L	0.91149	0.91149		1	0	0	0.025	0.1	10	91%	20	120	0%	
Anthracene	A	ug/L	0.9893	0.9893		1	0	0	0.0283	0.1	10	99%	20	120	0%	
Benzo(a)anthracene	A	ug/L	1.0017	1.0017		1	0	0	0.0272	0.1	10	100%	20	120	0%	
Benzo(a)pyrene	A	ug/L	1.02157	1.02157		1	0	0	0.0347	0.1	10	102%	20	120	0%	
Benzo(b)fluoranthene	A	ug/L	0.93601	0.93601		1	0	0	0.0226	0.1	10	94%	20	120	0%	
Benzo(g,h,i)perylene	A	ug/L	1.02674	1.02674		1	0	0	0.0267	0.1	10	103%	20	120	0%	
Benzo(k)fluoranthene	A	ug/L	0.95303	0.95303		1	0	0	0.0295	0.1	10	95%	20	120	0%	
Chrysene	A	ug/L	0.96628	0.96628		1	0	0	0.0458	0.1	10	97%	20	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	0.93988	0.93988		1	0	0	0.0367	0.1	10	94%	20	120	0%	
Fluoranthene	A	ug/L	0.94418	0.94418		1	0	0	0.0233	0.1	10	94%	20	120	0%	
Fluorene	A	ug/L	0.95818	0.95818		1	0	0	0.0225	0.1	10	96%	20	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	0.98883	0.98883		1	0	0	0.0491	0.1	10	99%	20	120	0%	
Naphthalene	A	ug/L	0.97384	0.97384		1	0	0	0.029	0.1	10	97%	20	120	0%	
Phenanthrene	A	ug/L	0.98235	0.98235		1	0	0	0.0295	0.1	10	98%	20	120	0%	
Pyrene	A	ug/L	0.97339	0.97339		1	0	0	0.0239	0.1	10	97%	20	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	0.9422	0.9422		1	0	0	0.0444	0.1	10	94%	20	120	0%	
Nitrobenzene-d5	S	ug/L	0.99567	0.99567		1	0	0	0.0523	0.1	10	100%	20	120	0%	
Terphenyl-d14	S	ug/L	0.97722	0.97722		1	0	0	0.0563	0.1	10	98%	20	120	0%	
o-Terphenyl	X	ug/L	0.9433	0.9433		1	0	0	0.0654	0.1	10	94%	20	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14980597	14-Jan-22_CAL_	SVOC-8270-W-	ICAL	V5975.I\sh0114221/14/2022	6:52:1	1	R373230		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14980597	14-Jan-22_CAL_	SVOC-8270-W-	ICAL	V5975.I\sh0114221/14/2022	6:52:1	1	R373230		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0.51073	0.51073		0.5	0	0	0.0206	0.1	10	102%	20	120	0%	
2-Methylnaphthalene	A	ug/L	0.50435	0.50435		0.5	0	0	0.0176	0.1	10	101%	20	120	0%	
Acenaphthene	A	ug/L	0.47743	0.47743		0.5	0	0	0.0317	0.1	10	95%	20	120	0%	
Acenaphthylene	A	ug/L	0.488	0.488		0.5	0	0	0.025	0.1	10	98%	20	120	0%	
Anthracene	A	ug/L	0.5092	0.5092		0.5	0	0	0.0283	0.1	10	102%	20	120	0%	
Benzo(a)anthracene	A	ug/L	0.50701	0.50701		0.5	0	0	0.0272	0.1	10	101%	20	120	0%	
Benzo(a)pyrene	A	ug/L	0.5068	0.5068		0.5	0	0	0.0347	0.1	10	101%	20	120	0%	
Benzo(b)fluoranthene	A	ug/L	0.45703	0.45703		0.5	0	0	0.0226	0.1	10	91%	20	120	0%	
Benzo(g,h,i)perylene	A	ug/L	0.49816	0.49816		0.5	0	0	0.0267	0.1	10	100%	20	120	0%	
Benzo(k)fluoranthene	A	ug/L	0.48829	0.48829		0.5	0	0	0.0295	0.1	10	98%	20	120	0%	
Chrysene	A	ug/L	0.4993	0.4993		0.5	0	0	0.0458	0.1	10	100%	20	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	0.46522	0.46522		0.5	0	0	0.0367	0.1	10	93%	20	120	0%	
Fluoranthene	A	ug/L	0.48488	0.48488		0.5	0	0	0.0233	0.1	10	97%	20	120	0%	
Fluorene	A	ug/L	0.49977	0.49977		0.5	0	0	0.0225	0.1	10	100%	20	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	0.47636	0.47636		0.5	0	0	0.0491	0.1	10	95%	20	120	0%	
Naphthalene	A	ug/L	0.5004	0.5004		0.5	0	0	0.029	0.1	10	100%	20	120	0%	
Phenanthrene	A	ug/L	0.50591	0.50591		0.5	0	0	0.0295	0.1	10	101%	20	120	0%	
Pyrene	A	ug/L	0.49726	0.49726		0.5	0	0	0.0239	0.1	10	99%	20	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	0.47818	0.47818		0.5	0	0	0.0444	0.1	10	96%	20	120	0%	
Nitrobenzene-d5	S	ug/L	0.48956	0.48956		0.5	0	0	0.0523	0.1	10	98%	20	120	0%	
Terphenyl-d14	S	ug/L	0.50103	0.50103		0.5	0	0	0.0563	0.1	10	100%	20	120	0%	
o-Terphenyl	X	ug/L	0.49604	0.49604		0.5	0	0	0.0654	0.1	10	99%	20	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14980598	14-Jan-22_CAL_	SVOC-8270-W-	ICAL	V5975.I\sh0114221/14/2022	7:24:3	1	R373230		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q



Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14980598	14-Jan-22_CAL_	SVOC-8270-W-	ICAL	V5975.I\sh0114221/14/2022	7:24:3	1	R373230		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0.21178	0.21178		0.2	0	0	0.0206	0.1	10	106%	20	120	0%	
2-Methylnaphthalene	A	ug/L	0.20359	0.20359		0.2	0	0	0.0176	0.1	10	102%	20	120	0%	
Acenaphthene	A	ug/L	0.2086	0.2086		0.2	0	0	0.0317	0.1	10	104%	20	120	0%	
Acenaphthylene	A	ug/L	0.20134	0.20134		0.2	0	0	0.025	0.1	10	101%	20	120	0%	
Anthracene	A	ug/L	0.19961	0.19961		0.2	0	0	0.0283	0.1	10	100%	20	120	0%	
Benzo(a)anthracene	A	ug/L	0.18894	0.18894		0.2	0	0	0.0272	0.1	10	94%	20	120	0%	
Benzo(a)pyrene	A	ug/L	0.19971	0.19971		0.2	0	0	0.0347	0.1	10	100%	20	120	0%	
Benzo(b)fluoranthene	A	ug/L	0.18252	0.18252		0.2	0	0	0.0226	0.1	10	91%	20	120	0%	
Benzo(g,h,i)perylene	A	ug/L	0.21092	0.21092		0.2	0	0	0.0267	0.1	10	105%	20	120	0%	
Benzo(k)fluoranthene	A	ug/L	0.23186	0.23186		0.2	0	0	0.0295	0.1	10	116%	20	120	0%	
Chrysene	A	ug/L	0.22675	0.22675		0.2	0	0	0.0458	0.1	10	113%	20	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	0.20746	0.20746		0.2	0	0	0.0367	0.1	10	104%	20	120	0%	
Fluoranthene	A	ug/L	0.20335	0.20335		0.2	0	0	0.0233	0.1	10	102%	20	120	0%	
Fluorene	A	ug/L	0.20495	0.20495		0.2	0	0	0.0225	0.1	10	102%	20	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	0.19626	0.19626		0.2	0	0	0.0491	0.1	10	98%	20	120	0%	
Naphthalene	A	ug/L	0.19966	0.19966		0.2	0	0	0.029	0.1	10	100%	20	120	0%	
Phenanthrene	A	ug/L	0.19492	0.19492		0.2	0	0	0.0295	0.1	10	97%	20	120	0%	
Pyrene	A	ug/L	0.20164	0.20164		0.2	0	0	0.0239	0.1	10	101%	20	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	0.20887	0.20887		0.2	0	0	0.0444	0.1	10	104%	20	120	0%	
Nitrobenzene-d5	S	ug/L	0.18791	0.18791		0.2	0	0	0.0523	0.1	10	94%	20	120	0%	
Terphenyl-d14	S	ug/L	0.19562	0.19562		0.2	0	0	0.0563	0.1	10	98%	20	120	0%	
o-Terphenyl	X	ug/L	0.20674	0.20674		0.2	0	0	0.0654	0.1	10	103%	20	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14980599	14-Jan-22_CAL_	SVOC-8270-W-	ICAL	V5975.I\sh0114221/14/2022	7:57:0	1	R373230		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14980599	14-Jan-22_CAL_	SVOC-8270-W-	ICAL	V5975.I\sh0114221/14/2022	7:57:0	1	R373230		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0.11822	0.11822		0.1	0	0	0.0206	0.1	10	118%	20	120	0%	
2-Methylnaphthalene	A	ug/L	0.11	0.11		0.1	0	0	0.0176	0.1	10	110%	20	120	0%	
Acenaphthene	A	ug/L	0.11955	0.11955		0.1	0	0	0.0317	0.1	10	120%	20	120	0%	
Acenaphthylene	A	ug/L	0.11004	0.11004		0.1	0	0	0.025	0.1	10	110%	20	120	0%	
Anthracene	A	ug/L	0.09833	0.09833		0.1	0	0	0.0283	0.1	10	98%	20	120	0%	
Benzo(a)anthracene	A	ug/L	0.10275	0.10275		0.1	0	0	0.0272	0.1	10	103%	20	120	0%	
Benzo(a)pyrene	A	ug/L	0.09676	0.09676		0.1	0	0	0.0347	0.1	10	97%	20	120	0%	
Benzo(b)fluoranthene	A	ug/L	0.11081	0.11081		0.1	0	0	0.0226	0.1	10	111%	20	120	0%	
Benzo(g,h,i)perylene	A	ug/L	0.09224	0.09224		0.1	0	0	0.0267	0.1	10	92%	20	120	0%	
Benzo(k)fluoranthene	A	ug/L	0.09003	0.09003		0.1	0	0	0.0295	0.1	10	90%	20	120	0%	
Chrysene	A	ug/L	0.10703	0.10703		0.1	0	0	0.0458	0.1	10	107%	20	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	0.10798	0.10798		0.1	0	0	0.0367	0.1	10	108%	20	120	0%	
Fluoranthene	A	ug/L	0.11196	0.11196		0.1	0	0	0.0233	0.1	10	112%	20	120	0%	
Fluorene	A	ug/L	0.11498	0.11498		0.1	0	0	0.0225	0.1	10	115%	20	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	0.10541	0.10541		0.1	0	0	0.0491	0.1	10	105%	20	120	0%	
Naphthalene	A	ug/L	0.1106	0.1106		0.1	0	0	0.029	0.1	10	111%	20	120	0%	
Phenanthrene	A	ug/L	0.10145	0.10145		0.1	0	0	0.0295	0.1	10	101%	20	120	0%	
Pyrene	A	ug/L	0.10869	0.10869		0.1	0	0	0.0239	0.1	10	109%	20	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	0.11241	0.11241		0.1	0	0	0.0444	0.1	10	112%	20	120	0%	
Nitrobenzene-d5	S	ug/L	0.10768	0.10768		0.1	0	0	0.0523	0.1	10	108%	20	120	0%	
Terphenyl-d14	S	ug/L	0.10237	0.10237		0.1	0	0	0.0563	0.1	10	102%	20	120	0%	
o-Terphenyl	X	ug/L	0.11747	0.11747		0.1	0	0	0.0654	0.1	10	117%	20	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14980600	14-Jan-22_CCV	SVOC-8270-W-	ICV	V5975.I\sh0114221/14/2022	8:29:2	1	R373230		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14980600	14-Jan-22_CCV	SVOC-8270-W-	ICV	V5975.I\sh0114221/14/2022	8:29:2	1	R373230		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	2.04721	2.04721		2	0	0	0.0206	0.1	10	102%	80	120	0%	
2-Methylnaphthalene	A	ug/L	2.36322	2.36322		2	0	0	0.0176	0.1	10	118%	80	120	0%	
Acenaphthene	A	ug/L	2.26243	2.26243		2	0	0	0.0317	0.1	10	113%	80	120	0%	
Acenaphthylene	A	ug/L	2.05883	2.05883		2	0	0	0.025	0.1	10	103%	80	120	0%	
Anthracene	A	ug/L	2.20817	2.20817		2	0	0	0.0283	0.1	10	110%	80	120	0%	
Benzo(a)anthracene	A	ug/L	2.33474	2.33474		2	0	0	0.0272	0.1	10	117%	80	120	0%	
Benzo(a)pyrene	A	ug/L	2.14743	2.14743		2	0	0	0.0347	0.1	10	107%	80	120	0%	
Benzo(b)fluoranthene	A	ug/L	2.28767	2.28767		2	0	0	0.0226	0.1	10	114%	80	120	0%	
Benzo(g,h,i)perylene	A	ug/L	2.32809	2.32809		2	0	0	0.0267	0.1	10	116%	80	120	0%	
Benzo(k)fluoranthene	A	ug/L	2.1338	2.1338		2	0	0	0.0295	0.1	10	107%	80	120	0%	
Chrysene	A	ug/L	2.16915	2.16915		2	0	0	0.0458	0.1	10	108%	80	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	2.05215	2.05215		2	0	0	0.0367	0.1	10	103%	80	120	0%	
Fluoranthene	A	ug/L	2.10934	2.10934		2	0	0	0.0233	0.1	10	105%	80	120	0%	
Fluorene	A	ug/L	2.18671	2.18671		2	0	0	0.0225	0.1	10	109%	80	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	2.1963	2.1963		2	0	0	0.0491	0.1	10	110%	80	120	0%	
Naphthalene	A	ug/L	2.19434	2.19434		2	0	0	0.029	0.1	10	110%	80	120	0%	
Phenanthrene	A	ug/L	2.25334	2.25334		2	0	0	0.0295	0.1	10	113%	80	120	0%	
Pyrene	A	ug/L	2.12371	2.12371		2	0	0	0.0239	0.1	10	106%	80	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	1.98767	1.98767		2	0	0	0.0444	0.1	10	99%	80	120	0%	
Nitrobenzene-d5	S	ug/L	2.05804	2.05804		2	0	0	0.0523	0.1	10	103%	80	120	0%	
o-Terphenyl	S	ug/L	2.09304	2.09304		2	0	0	0.0654	0.1	10	105%	80	120	0%	
Terphenyl-d14	S	ug/L	1.929	1.929		2	0	0	0.0563	0.1	10	96%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14980601	14-Jan-22_ISTB	SVOC-8270-W-	SAMP	V5975.I\sh0114221/14/2022	9:01:5	1	R373230		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

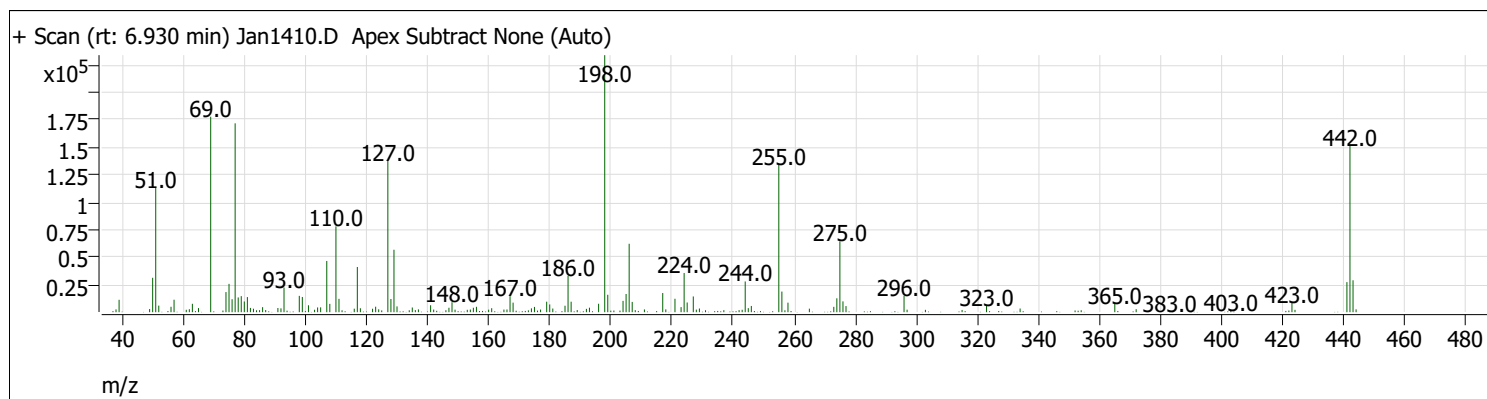
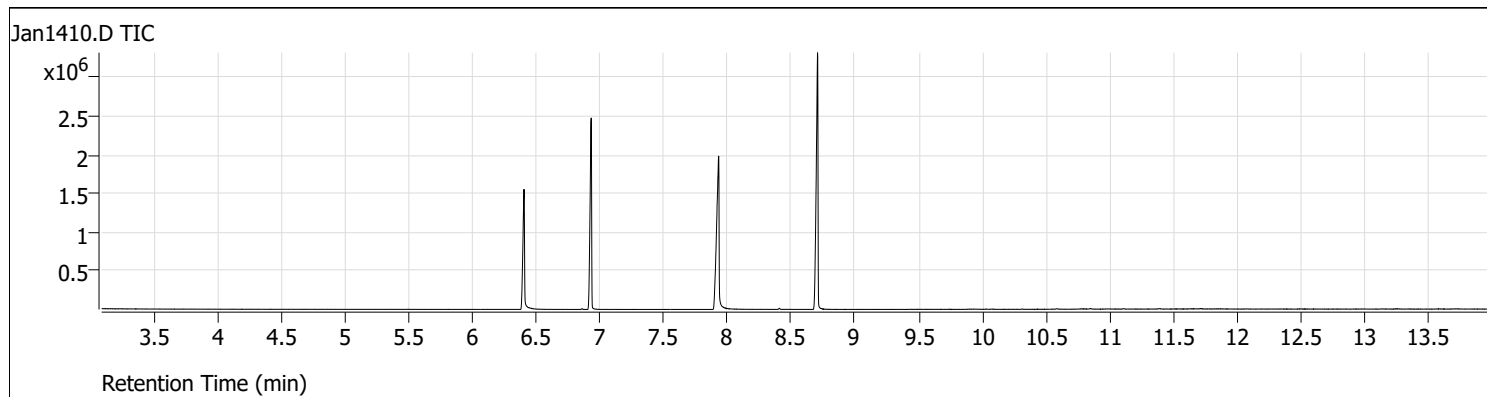
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14980601	14-Jan-22_ISTB	SVOC-8270-W-	SAMP	V5975.I\sh0114221/14/2022	9:01:5	1	R373230		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0206	0.1	10	0%	0	0	0%	
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0176	0.1	10	0%	0	0	0%	
Acenaphthene	A	ug/L	0	0		0	0	0	0.0317	0.1	10	0%	0	0	0%	
Acenaphthylene	A	ug/L	0	0		0	0	0	0.025	0.1	10	0%	0	0	0%	
Anthracene	A	ug/L	0	0		0	0	0	0.0283	0.1	10	0%	0	0	0%	
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0272	0.1	10	0%	0	0	0%	
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0347	0.1	10	0%	0	0	0%	
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0226	0.1	10	0%	0	0	0%	
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0267	0.1	10	0%	0	0	0%	
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	
Chrysene	A	ug/L	0	0		0	0	0	0.0458	0.1	10	0%	0	0	0%	
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0367	0.1	10	0%	0	0	0%	
Fluoranthene	A	ug/L	0	0		0	0	0	0.0233	0.1	10	0%	0	0	0%	
Fluorene	A	ug/L	0	0		0	0	0	0.0225	0.1	10	0%	0	0	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0491	0.1	10	0%	0	0	0%	
Naphthalene	A	ug/L	0	0		0	0	0	0.029	0.1	10	0%	0	0	0%	
Phenanthrene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	
Pyrene	A	ug/L	0	0		0	0	0	0.0239	0.1	10	0%	0	0	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
2-Fluorobiphenyl	S	ug/L	0	0		5	0	0	0.0444	0.1	10	0%	25	94	0%	S
Nitrobenzene-d5	S	ug/L	0	0		5	0	0	0.0523	0.1	10	0%	19	102	0%	S
Terphenyl-d14	S	ug/L	0	0		5	0	0	0.0563	0.1	10	0%	39	106	0%	S
o-Terphenyl	X	ug/L	0	0		200	0	0	0.0654	0.1	10	0%	40	140	0%	S

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14980602	MB-162910-162	SVOC-8270-W-	MBLK	V5975.I\sh0114221/14/2022	9:34:1	1	162910	12/14/2021	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

File Name	Sample Name	Line No.	Test Code	Multiplier	Divisor	Method Name
Jan1401.d	14-Jan-22_TUNE_1	1		1	1	548Tune.M
Jan1402.d	ICAL-4-162632	2	SVOC-548-W-DW	1	1	5975Endothall.M
Jan1403.d	14-Jan-22_ISTBLK_3	3	SVOC-548-W-DW	1	1	5975Endothall.M
Jan1404.d	MB-162839	4	SVOC-548-W-DW	1	1	5975Endothall.M
Jan1405.d	LCS-162839	5	SVOC-548-W-DW	1	1	5975Endothall.M
Jan1406.d	B22010259-001B	6	SVOC-548-W-DW	1	1	5975Endothall.M
Jan1407.d	B22010259-001BMS	7	SVOC-548-W-DW	1	1	5975Endothall.M
Jan1408.d	B22010259-001BMSD	8	SVOC-548-W-DW	1	1	5975Endothall.M
Jan1409.d	B22010309-002C	9	SVOC-548-W-DW	1	1	5975Endothall.M
Jan1410.d	14-Jan-22_TUNE_10	10		1	1	5975Tune.M
Jan1411.d	14-Jan-22_CAL_7	11	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan1412.d	14-Jan-22_CAL_6	12	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan1413.d	14-Jan-22_CAL_5	13	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan1414.d	14-Jan-22_CAL_4	14	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan1415.d	14-Jan-22_CAL_3	15	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan1416.d	14-Jan-22_CAL_2	16	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan1417.d	14-Jan-22_CAL_1	17	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan1418.d	14-Jan-22_CCV_18	18	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan1419.d	14-Jan-22_ISTBLK_19	19	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan1420.d	MB-162910-162494-162167	20	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan1421.d	MB-162910-162494-162167	21	SVOC-8270-W-LLPAH	20	1	5975BNASIM.M
Jan1422.d	LCS-162910-162494-162167	22	SVOC-8270-W-LLPAH	20	1	5975BNASIM.M
Jan1423.d	B21120800-003D	23	SVOC-8270-W-LLPAH	20	1	5975BNASIM.M
Jan1424.d	B21120800-003DMS	24	SVOC-8270-W-LLPAH	20	1	5975BNASIM.M
Jan1425.d	B21120800-003DMSD	25	SVOC-8270-W-LLPAH	20	1	5975BNASIM.M
Jan1426.d	B21120838-006D	26	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan1427.d	B21120838-006D	27	SVOC-8270-W-LLPAH	20	1	5975BNASIM.M
Jan1428.d	B21120838-007D	28	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan1429.d	B21120838-007D	29	SVOC-8270-W-LLPAH	20	1	5975BNASIM.M

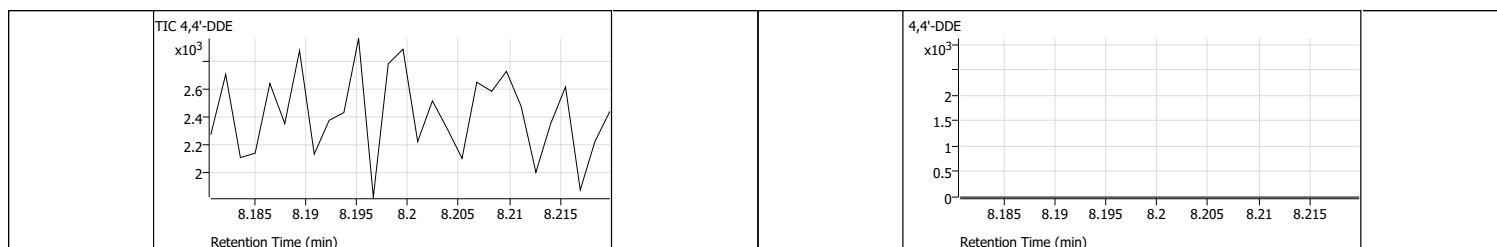
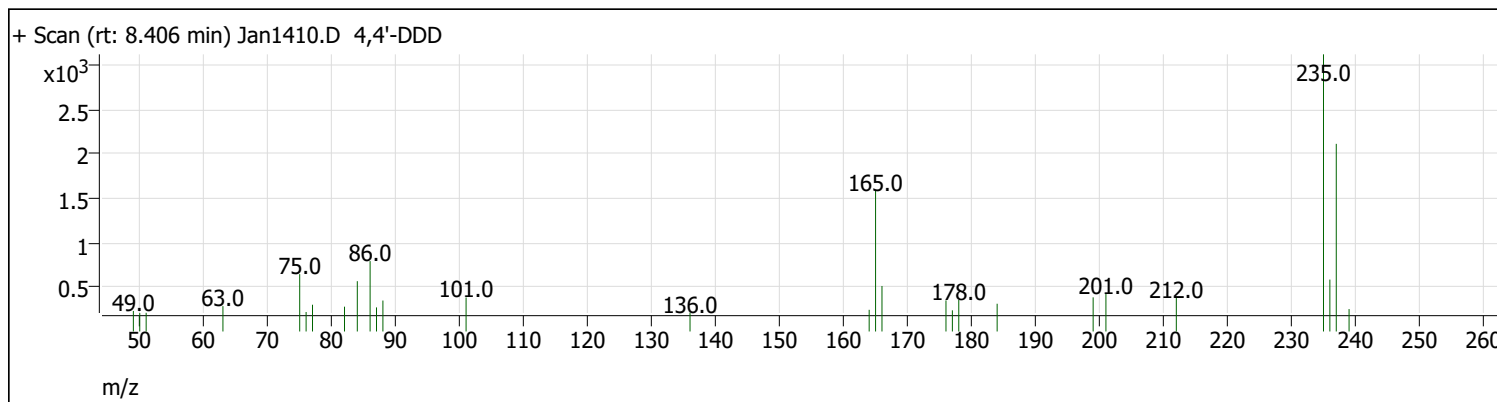
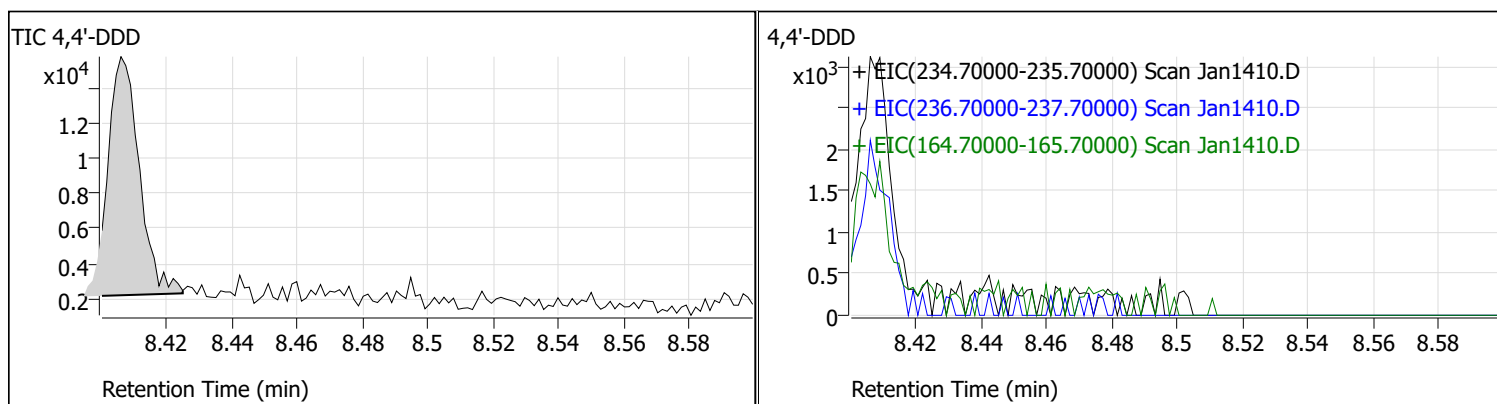
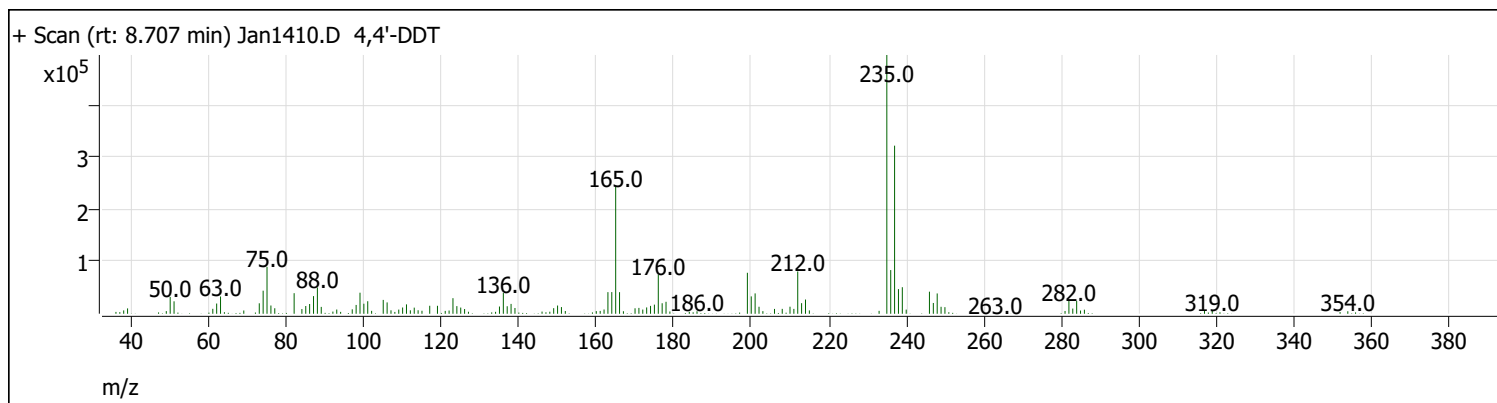
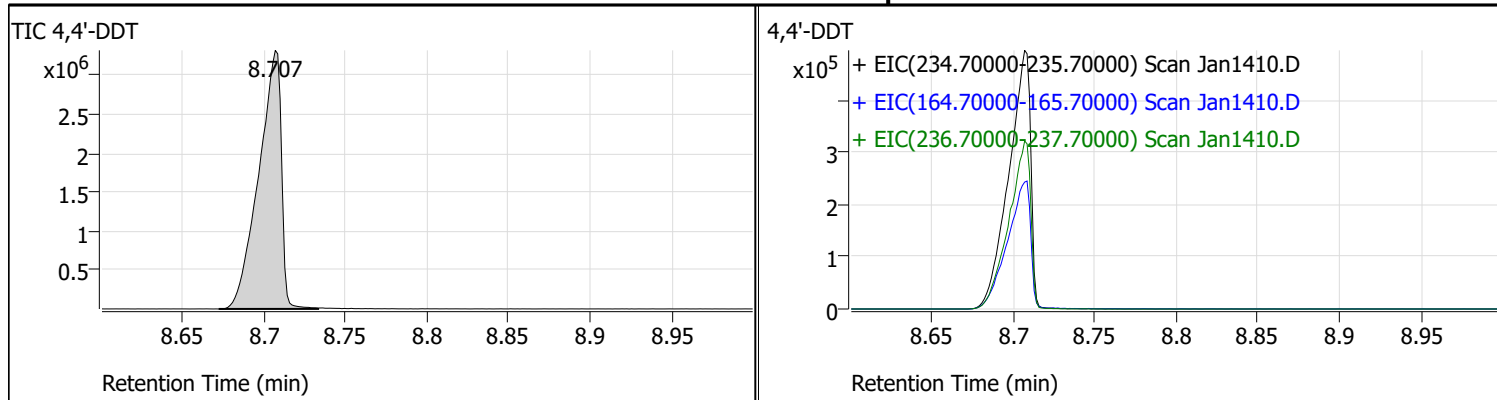
# Tune Evaluation Report

Data Path: \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIMJan1410.D  
 Acq on: 1/14/2022 4:18:41 PM  
 Operator: LIMS import  
 Sample: 14-Jan-22\_TUNE\_10  
 Inst Name: GCMS  
 ALS Vial: 1  
 Method: \\MASSHUNTER\Org\Data\SV5975.I\Methods\DFTPP5975625.m



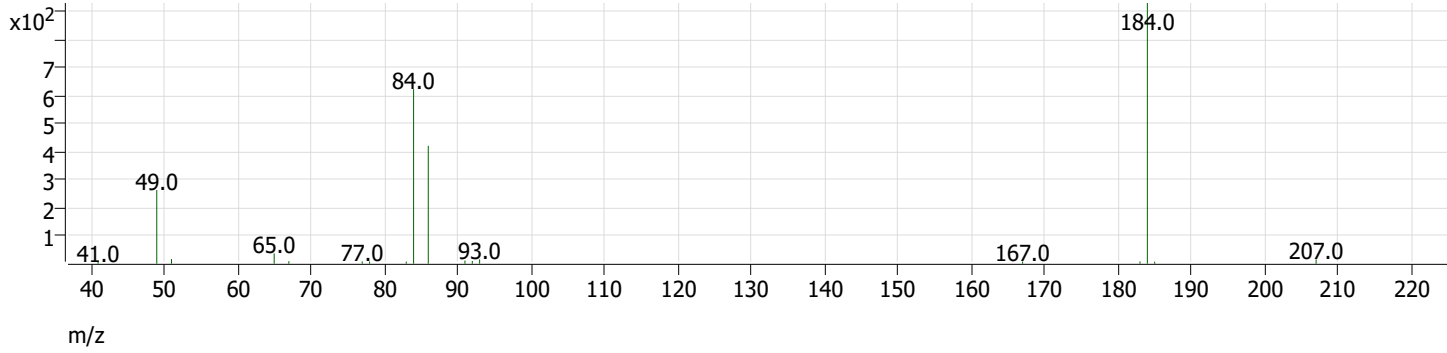
Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
51	198	30	60	48.4	113144	Pass
68	69	0	2	0.0	0	Pass
70	69	0	2	0.4	742	Pass
127	198	40	60	58.8	137600	Pass
197	198	0	1	0.0	0	Pass
198	198	100	100	100.0	233856	Pass
199	198	5	9	6.8	15867	Pass
275	198	10	30	27.6	64440	Pass
365	198	1	100	3.2	7575	Pass
441	443	1E-10	150	94.3	27376	Pass
442	198	40	100	64.8	151424	Pass
443	442	17	23	19.2	29024	Pass
69	69	100	100	100.0	177856	Pass

# Tune Evaluation Report



# Tune Evaluation Report

+ Scan (rt: 8.181-8.220 min, 28 scans) Jan1410.D 4,4'-DDE

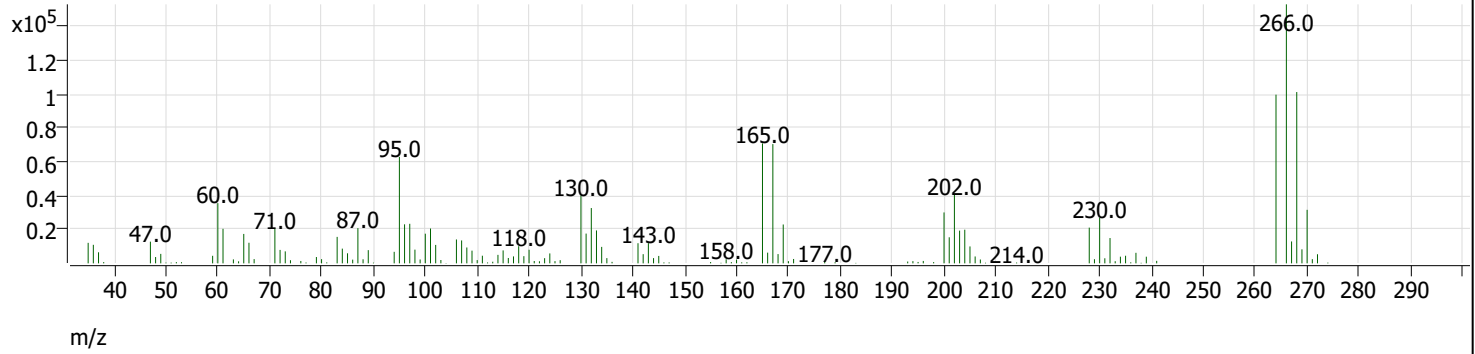


Compound Name	Expected RT	Observed RT	TIC Area	Breakdown %	Pass/Fail
4,4'-DDT	8.800	8.707	3193264	0.3	Pass
4,4'-DDD	8.500	8.406	9082		
4,4'-DDE	8.200	0.000	0		

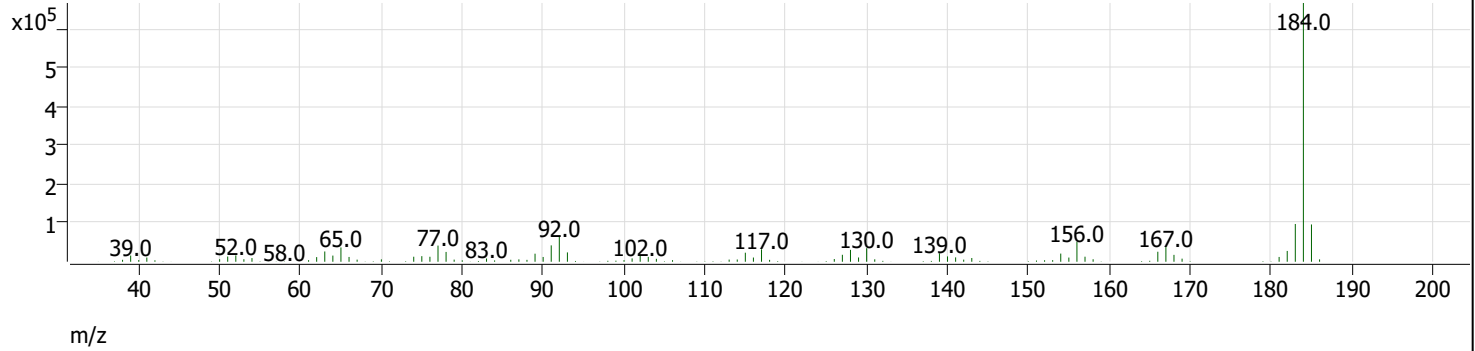


# Tune Evaluation Report

+ Scan (rt: 6.403 min) Jan1410.D Pentachlorophenol



+ Scan (rt: 7.930 min) Jan1410.D Benzidine

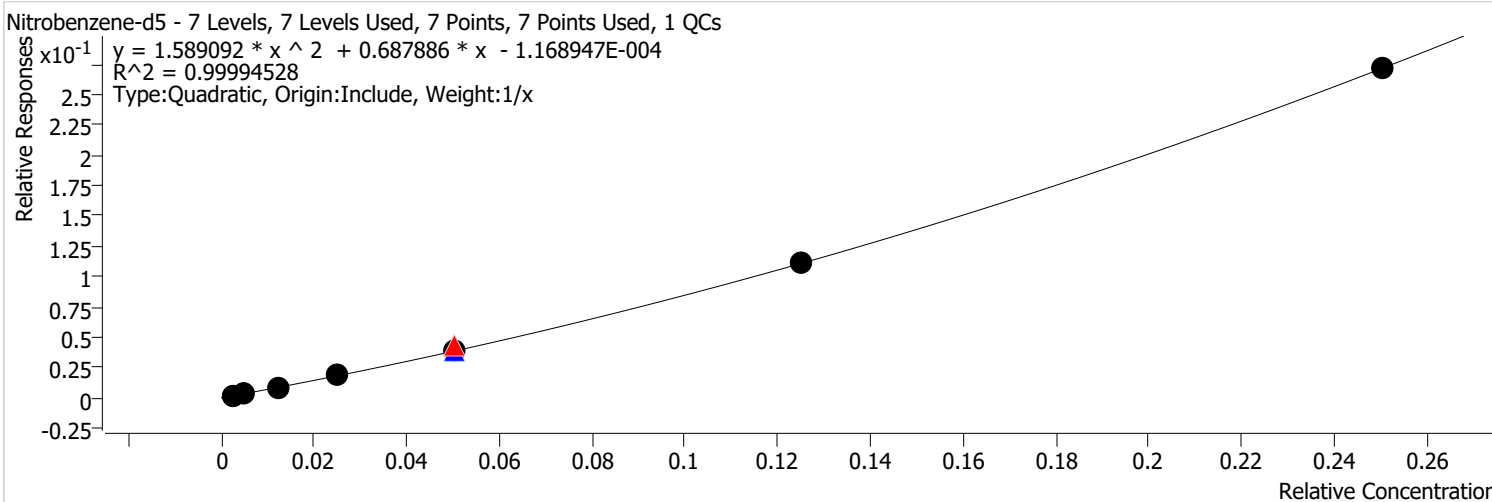


Compound Name	Expected RT	Observed RT	Tailing Factor	PGF	Pass/Fail
Pentachlorophenol	6.800	6.403	0.4	4.1	Pass
Benzidine	8.400	7.930	0.2	2.7	Pass

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin		
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:35 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Nitrobenzene-d5 %RSE =**



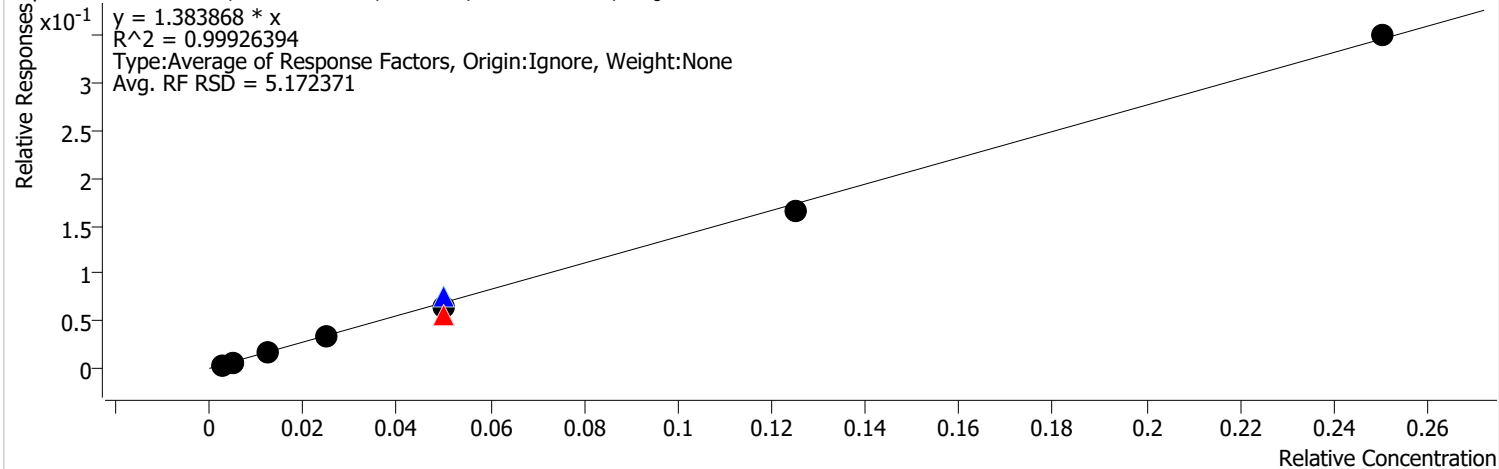
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	285	0.1000	0.6985	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	517	0.2000	0.6299	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	1431	0.5000	0.6832	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	3242	1.0000	0.7196	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	16927	2.0000	0.8426	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	7442	2.0000	0.7896	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	6699	2.0000	0.7724	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	20380	5.0000	0.8862	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	49501	10.0000	1.0843	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin	<b>Analyst Name</b>	BL2000\jheine
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:40 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Naphthalene %RSE = 5.2**

Naphthalene - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs



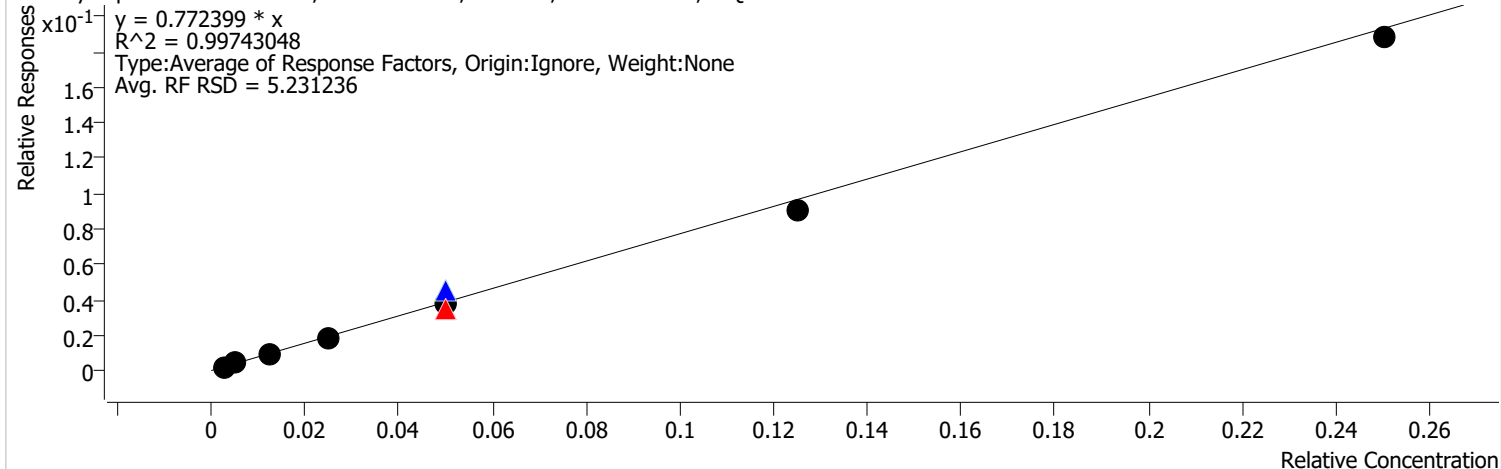
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	1112	0.1000	1.5305	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	2073	0.2000	1.3815	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	5189	0.5000	1.3850	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	11085	1.0000	1.3477	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	43467	2.0000	1.1266	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	25149	2.0000	1.5183	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	21057	2.0000	1.3146	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	54816	5.0000	1.3298	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	113952	10.0000	1.3980	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin		
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:41 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**2-Methylnaphthalene %RSE = 5.2**

2-Methylnaphthalene - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs

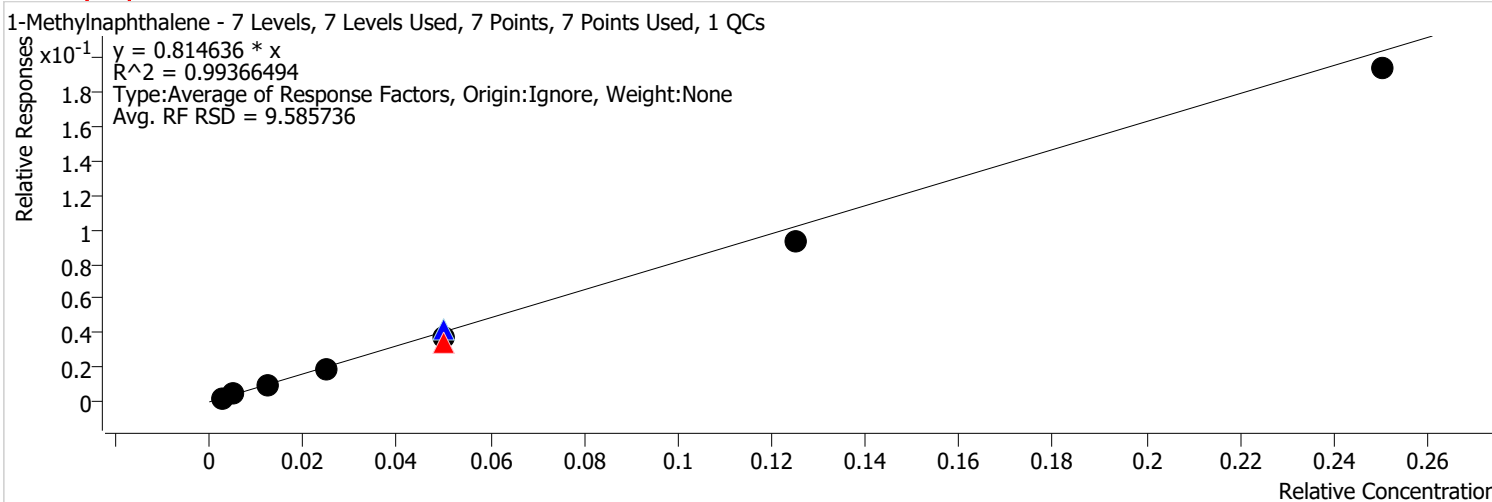


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	617	0.1000	0.8496	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	1180	0.2000	0.7863	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	2919	0.5000	0.7791	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	6198	1.0000	0.7535	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	26546	2.0000	0.6880	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	15117	2.0000	0.9127	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	12288	2.0000	0.7672	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	29670	5.0000	0.7198	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	61246	10.0000	0.7514	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin	<b>Analyst Name</b>	BL2000\jheine
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:41 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**1-Methylnaphthalene %RSE = 9.6**



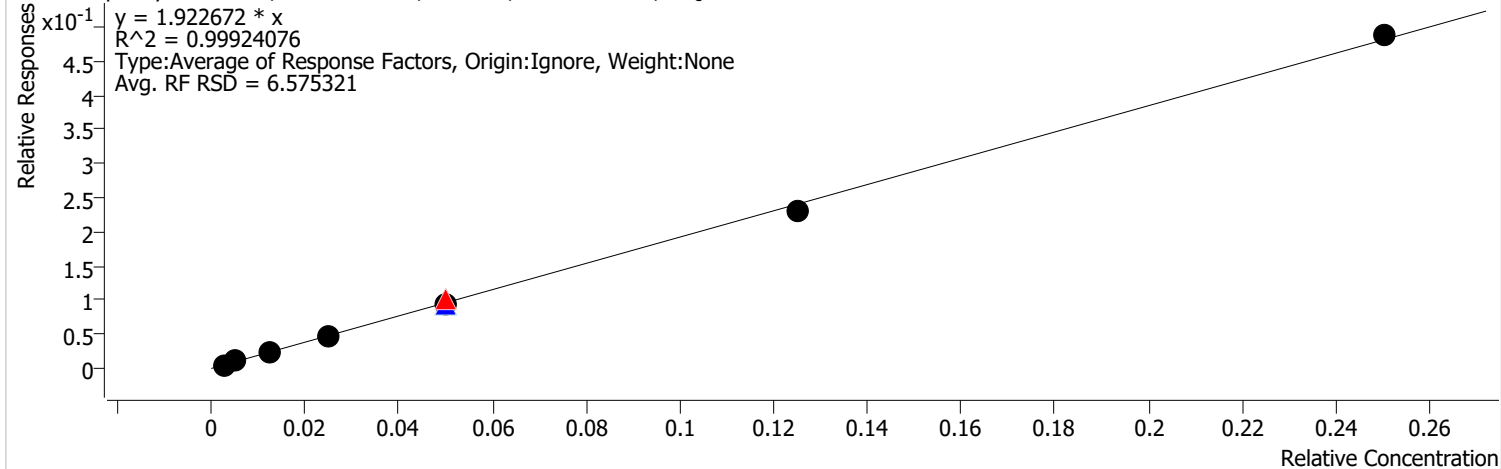
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	700	0.1000	0.9631	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	1294	0.2000	0.8626	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	3118	0.5000	0.8321	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	6335	1.0000	0.7701	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	26180	2.0000	0.6786	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	13812	2.0000	0.8339	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	12079	2.0000	0.7541	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	30767	5.0000	0.7464	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	63090	10.0000	0.7740	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin		
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:41 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**2-Fluorobiphenyl %RSE =**

2-Fluorobiphenyl - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs

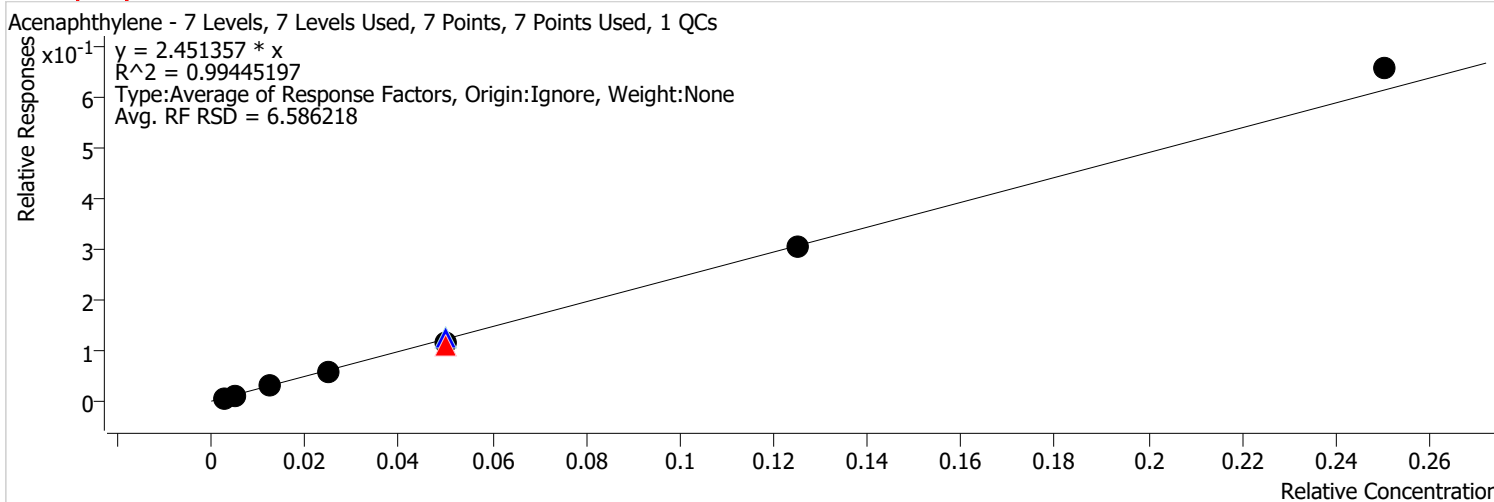


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	861	0.1000	2.1613	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	1673	0.2000	2.0080	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	3783	0.5000	1.8388	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	8063	1.0000	1.8115	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	41814	2.0000	2.0259	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	17342	2.0000	1.9108	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	15824	2.0000	1.8419	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	40190	5.0000	1.8507	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	85326	10.0000	1.9466	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin	<b>Analyst Name</b>	BL2000\jheine
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:41 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Acenaphthylene %RSE = 6.6**

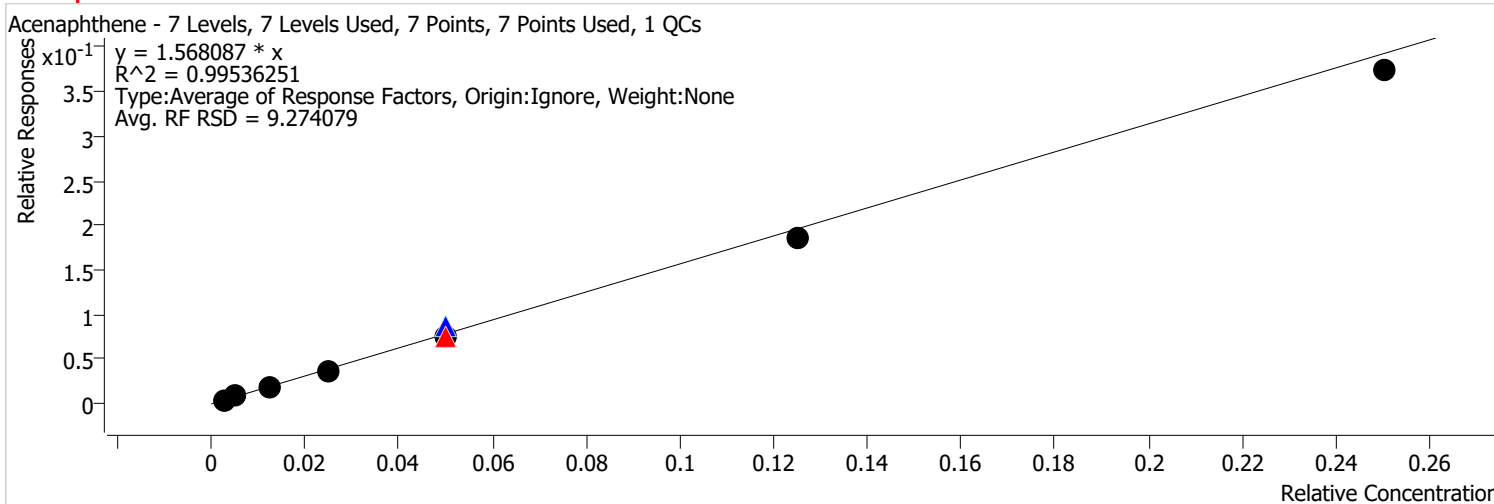


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	1074	0.1000	2.6975	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	2056	0.2000	2.4678	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	4922	0.5000	2.3925	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	9945	1.0000	2.2344	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	45154	2.0000	2.1877	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	22902	2.0000	2.5235	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	20005	2.0000	2.3285	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	52503	5.0000	2.4177	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	114894	10.0000	2.6211	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin	<b>Analyst Name</b>	BL2000\jheine
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:41 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Acenaphthene %RSE = 9.3**



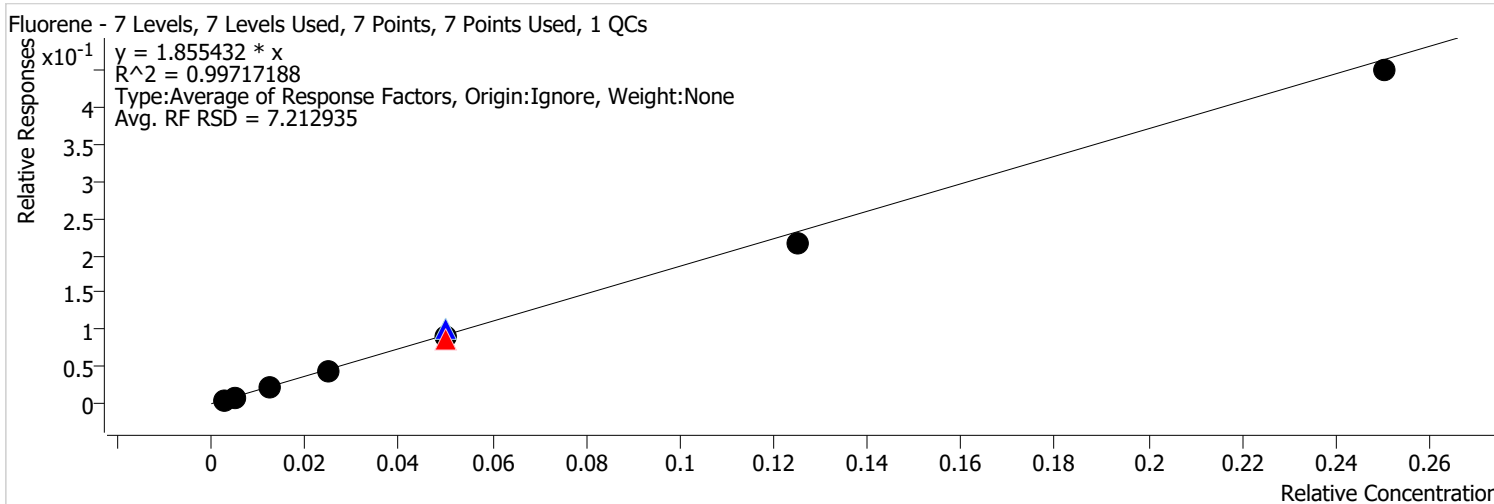
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	747	0.1000	1.8746	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	1362	0.2000	1.6355	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	3080	0.5000	1.4973	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	6673	1.0000	1.4992	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	30942	2.0000	1.4992	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	16099	2.0000	1.7738	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	12902	2.0000	1.5018	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	32065	5.0000	1.4765	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	65386	10.0000	1.4917	



# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin		
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:41 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Fluorene %RSE = 7.2**



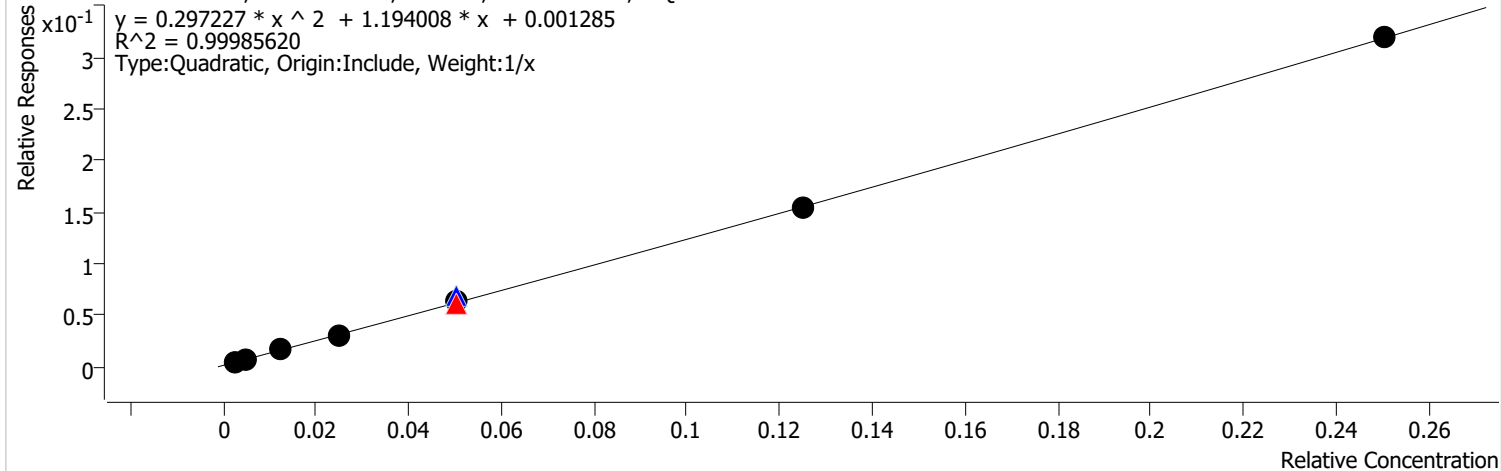
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	850	0.1000	2.1334	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	1584	0.2000	1.9014	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	3815	0.5000	1.8546	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	7913	1.0000	1.7778	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	35790	2.0000	1.7340	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	18411	2.0000	2.0286	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	15350	2.0000	1.7867	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	37736	5.0000	1.7377	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	78747	10.0000	1.7964	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin		
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:41 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Phenanthrene %RSE = 2.3**

Phenanthrene - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs

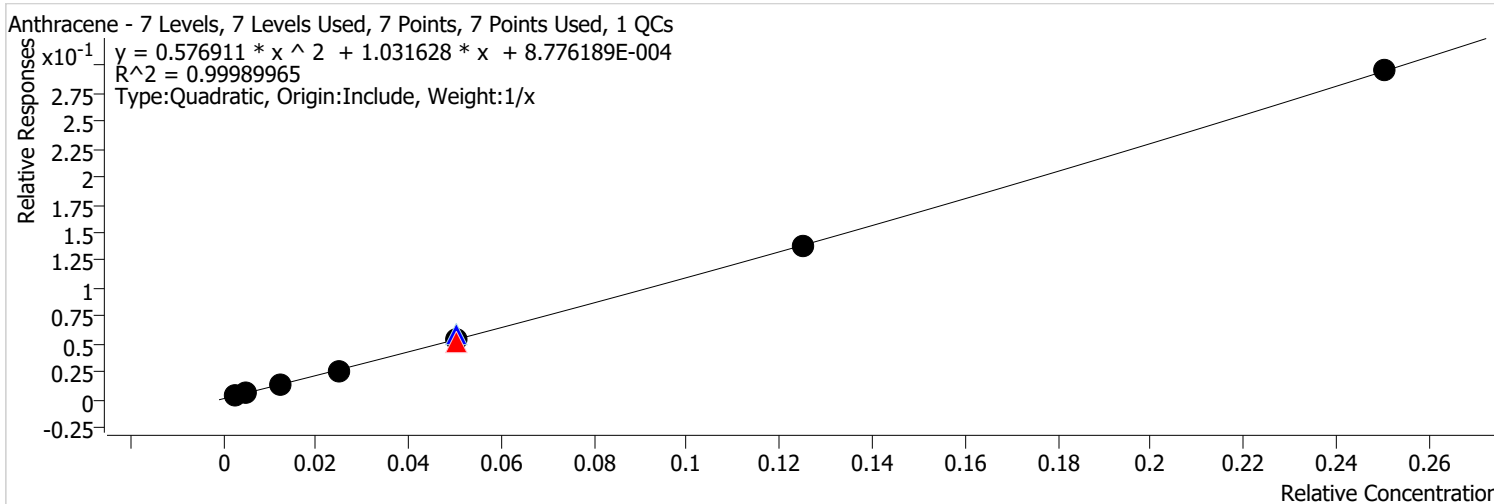


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	1388	0.1000	1.7261	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	2407	0.2000	1.4221	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	5535	0.5000	1.3147	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	11285	1.0000	1.2315	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	54393	2.0000	1.2205	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	26680	2.0000	1.3898	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	22214	2.0000	1.2657	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	54828	5.0000	1.2282	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	114135	10.0000	1.2757	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin		
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:41 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Anthracene %RSE = 1.8**



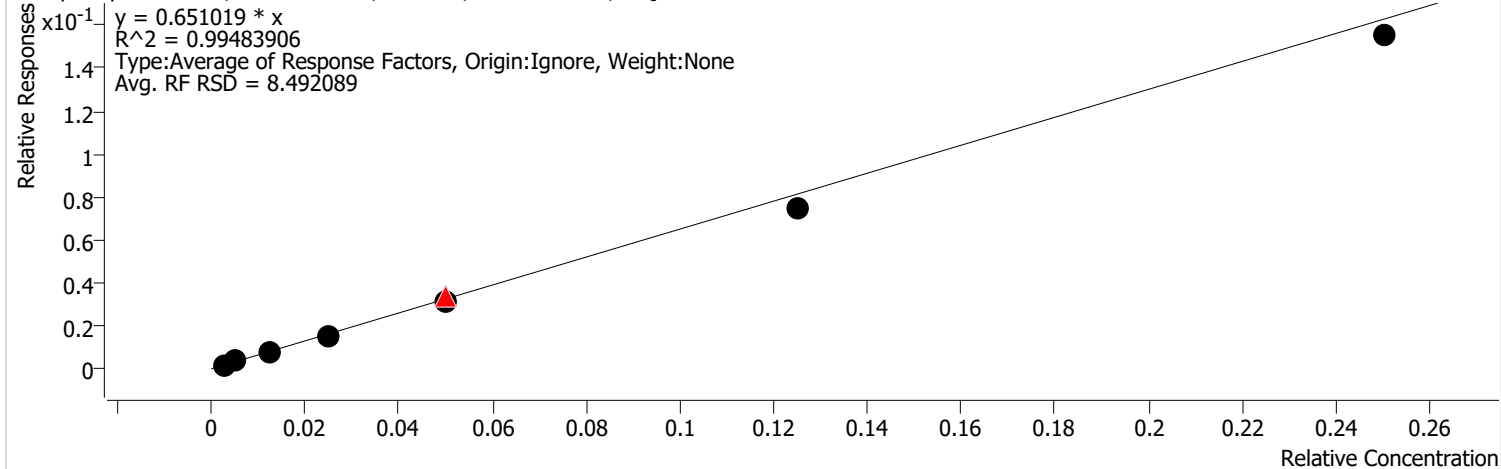
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	1099	0.1000	1.3669	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	2045	0.2000	1.2080	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	4750	0.5000	1.1283	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	9804	1.0000	1.0698	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	45714	2.0000	1.0258	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	22877	2.0000	1.1917	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	19299	2.0000	1.0996	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	49026	5.0000	1.0982	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	105724	10.0000	1.1817	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin		
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:41 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**o-Terphenyl %RSE =**

o-Terphenyl - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs

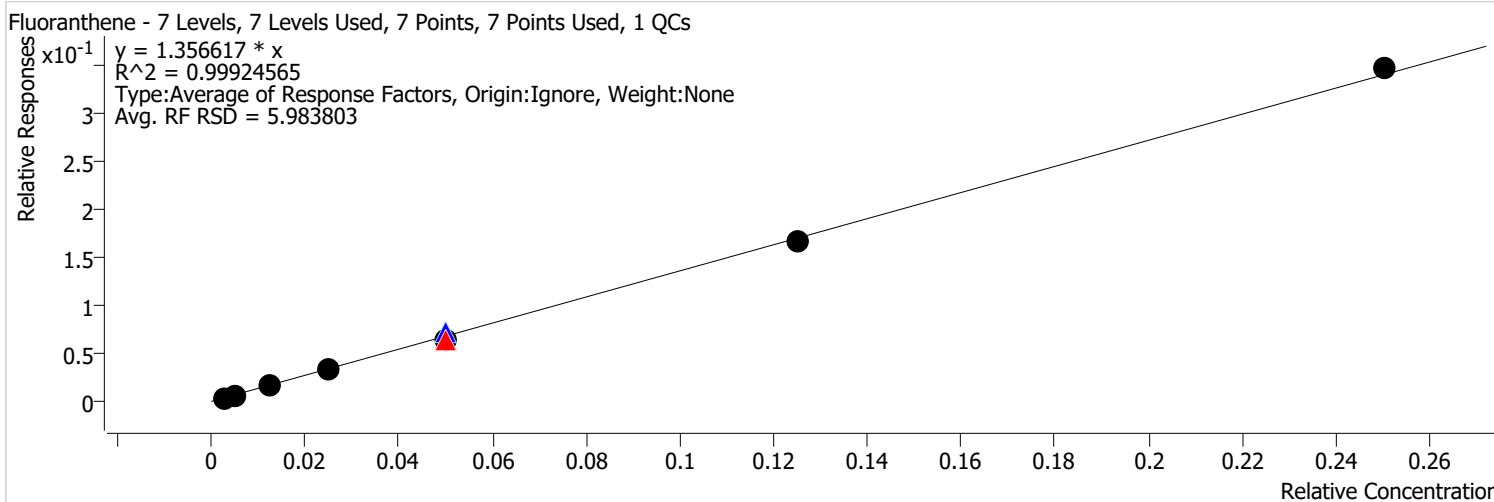


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	615	0.1000	0.7647	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	1139	0.2000	0.6729	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	2719	0.5000	0.6459	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	5628	1.0000	0.6141	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	30546	2.0000	0.6854	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	13079	2.0000	0.6813	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	11182	2.0000	0.6372	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	26874	5.0000	0.6020	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	55500	10.0000	0.6203	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin		
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:41 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Fluoranthene %RSE = 6.0**



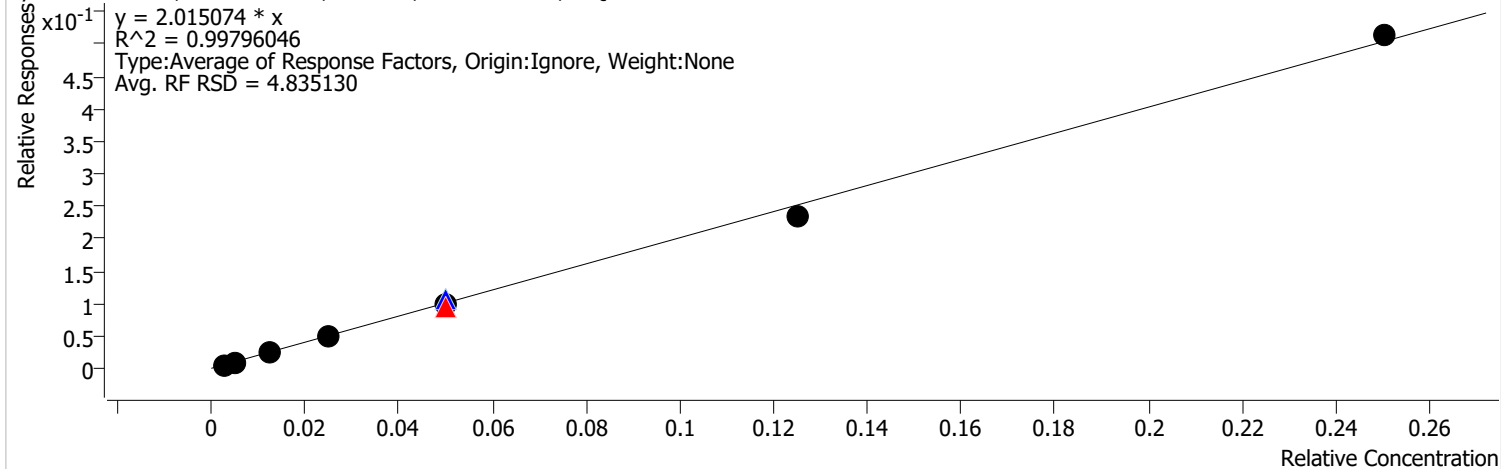
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	1222	0.1000	1.5188	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	2335	0.2000	1.3793	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	5538	0.5000	1.3156	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	11738	1.0000	1.2809	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	57037	2.0000	1.2799	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	27466	2.0000	1.4308	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	22779	2.0000	1.2979	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	59011	5.0000	1.3219	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	123634	10.0000	1.3819	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin		
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:42 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Pyrene %RSE = 4.8**

Pyrene - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs

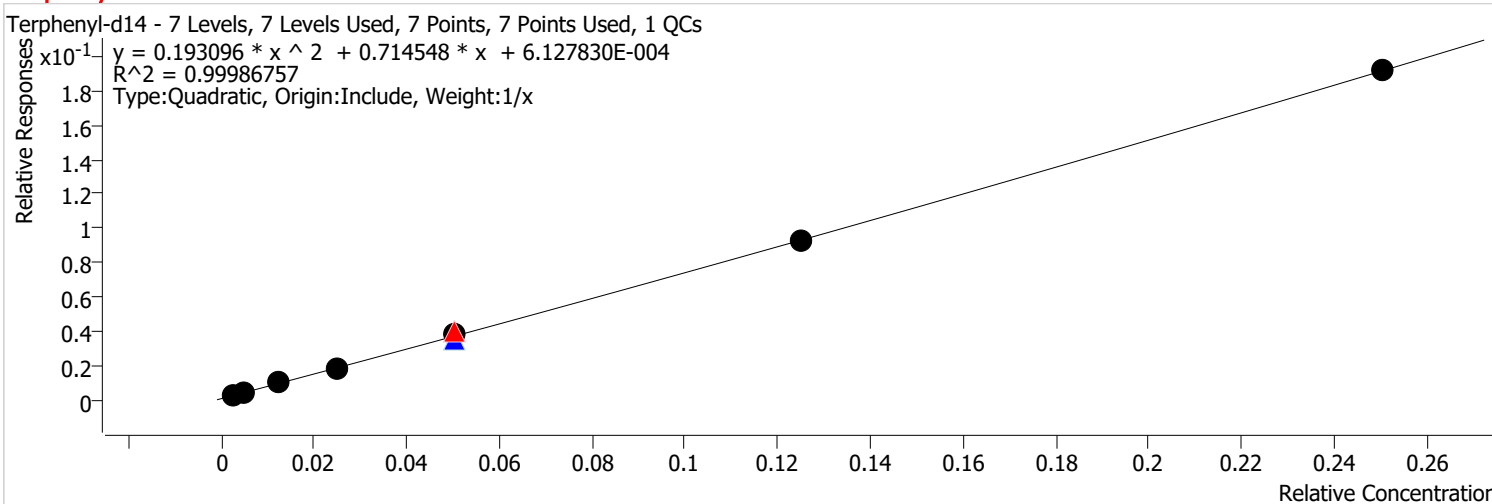


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	1310	0.1000	2.1902	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	2532	0.2000	2.0316	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	6254	0.5000	2.0040	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	13080	1.0000	1.9615	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	62808	2.0000	1.9194	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	30117	2.0000	2.1397	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	26098	2.0000	1.9982	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	61779	5.0000	1.8687	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	135457	10.0000	2.0513	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin		
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:42 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Terphenyl-d14 %RSE =**



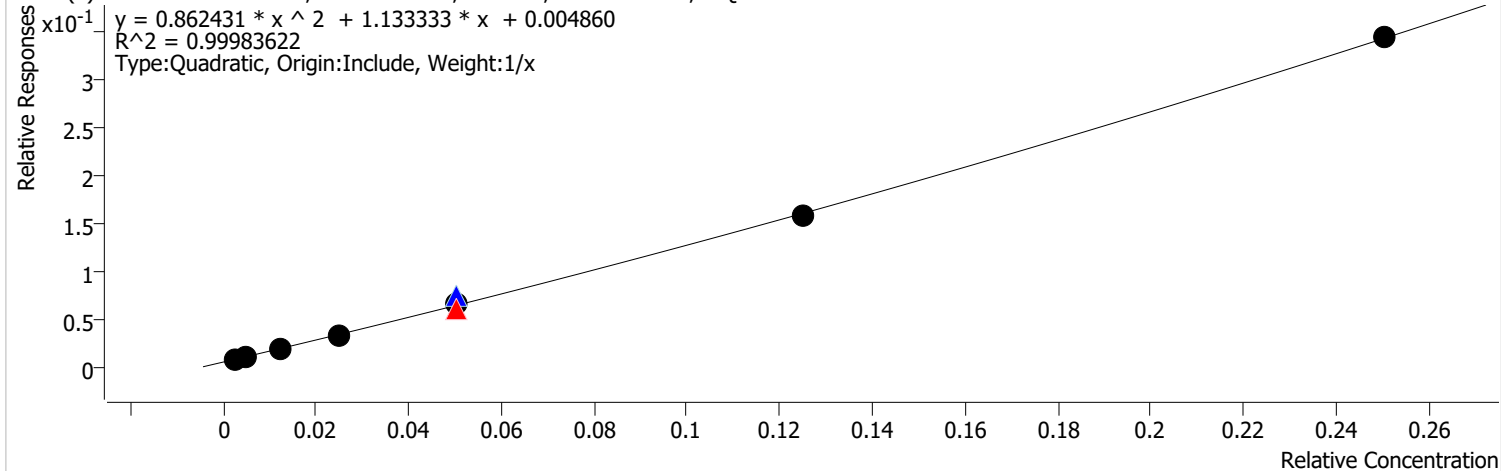
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	584	0.1000	0.9771	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	1025	0.2000	0.8224	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	2395	0.5000	0.7675	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	4851	1.0000	0.7274	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	26408	2.0000	0.8070	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	9999	2.0000	0.7104	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	9861	2.0000	0.7551	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	24394	5.0000	0.7379	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	50591	10.0000	0.7661	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin		
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:42 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Benzo(a)Anthracene %RSE = 3.4**

Benzo(a)Anthracene - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	1860	0.1000	3.1109	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	2551	0.2000	2.0466	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	4835	0.5000	1.5491	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	9011	1.0000	1.3513	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	40166	2.0000	1.2275	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	20817	2.0000	1.4790	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	17008	2.0000	1.3023	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	41708	5.0000	1.2616	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	90588	10.0000	1.3718	

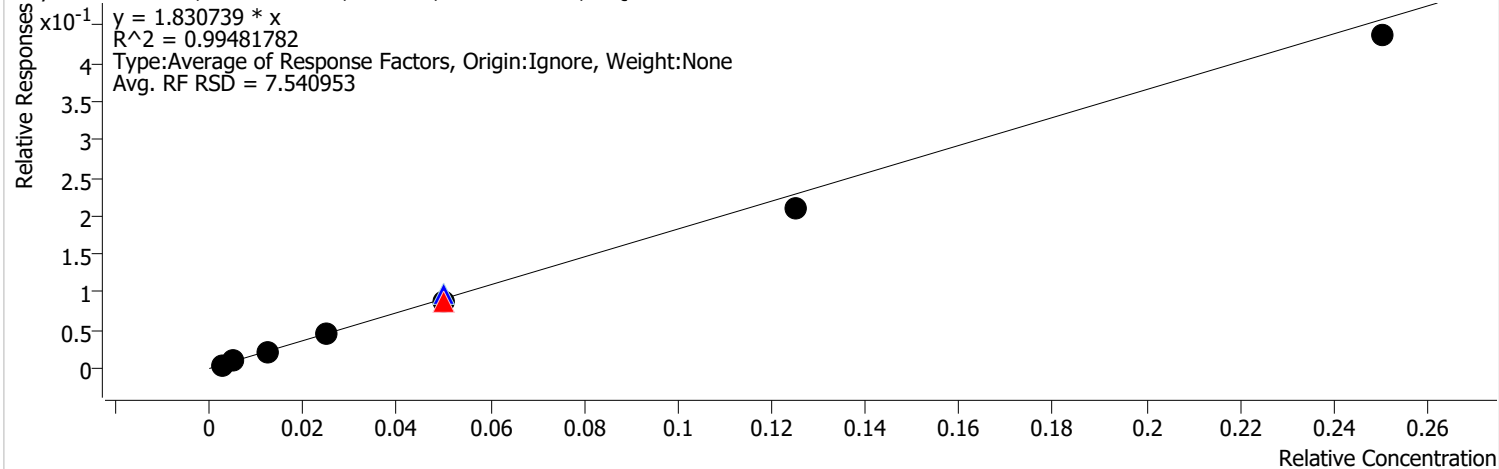


# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin		
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:42 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Chrysene %RSE = 7.5**

Chrysene - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs



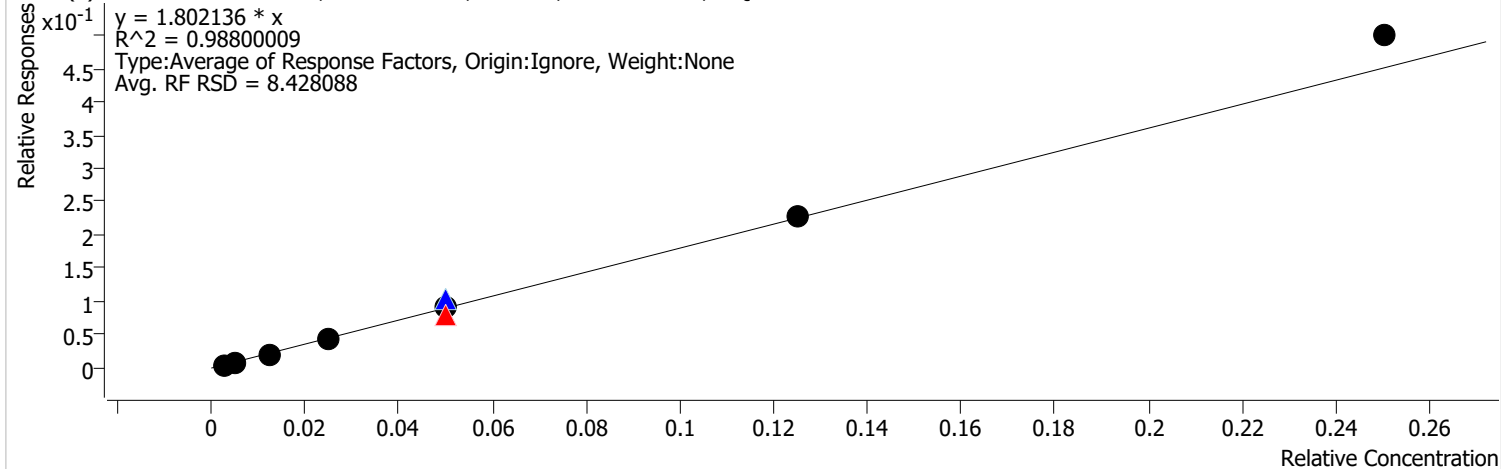
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	1172	0.1000	1.9594	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	2587	0.2000	2.0756	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	5705	0.5000	1.8282	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	11797	1.0000	1.7690	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	56647	2.0000	1.7311	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	27947	2.0000	1.9856	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	22814	2.0000	1.7468	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	55864	5.0000	1.6898	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	115319	10.0000	1.7463	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin		
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:42 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Benzo(b)fluoranthene %RSE = 8.4**

Benzo(b)fluoranthene - 7 Levels Used, 7 Points, 7 Points Used, 1 QCs

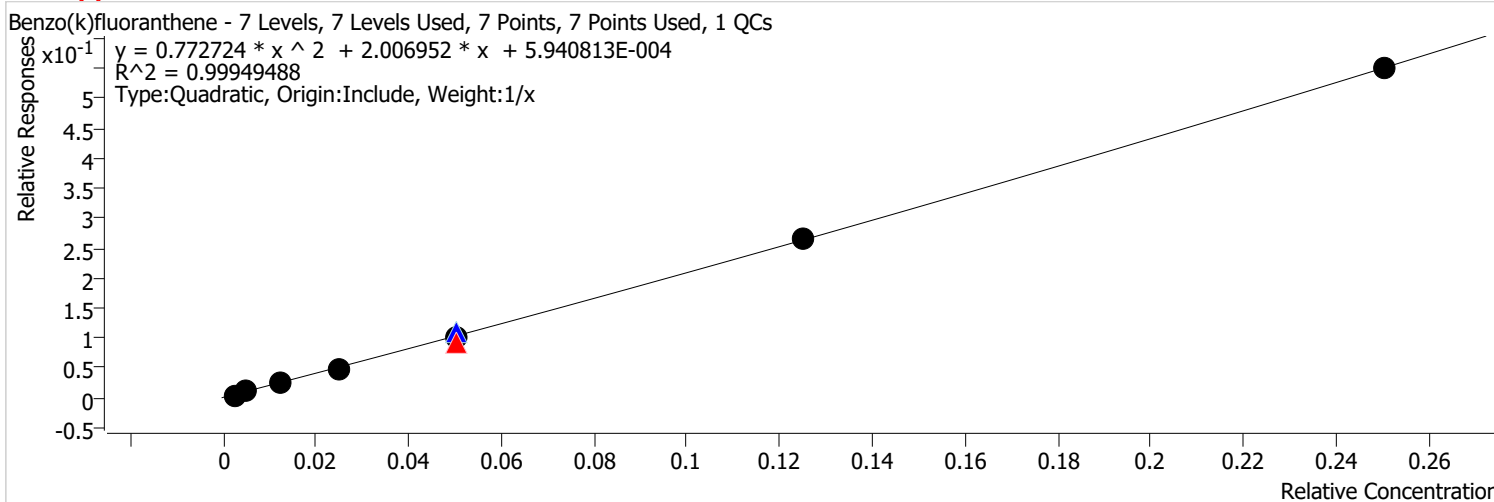


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	754	0.1000	1.9970	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	1292	0.2000	1.6446	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	3340	0.5000	1.6473	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	7329	1.0000	1.6868	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	34226	2.0000	1.6168	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	19328	2.0000	2.0613	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	15738	2.0000	1.8220	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	39707	5.0000	1.8213	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	88874	10.0000	1.9960	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin		
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:42 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Benzo(k)fluoranthene %RSE = 9.8**



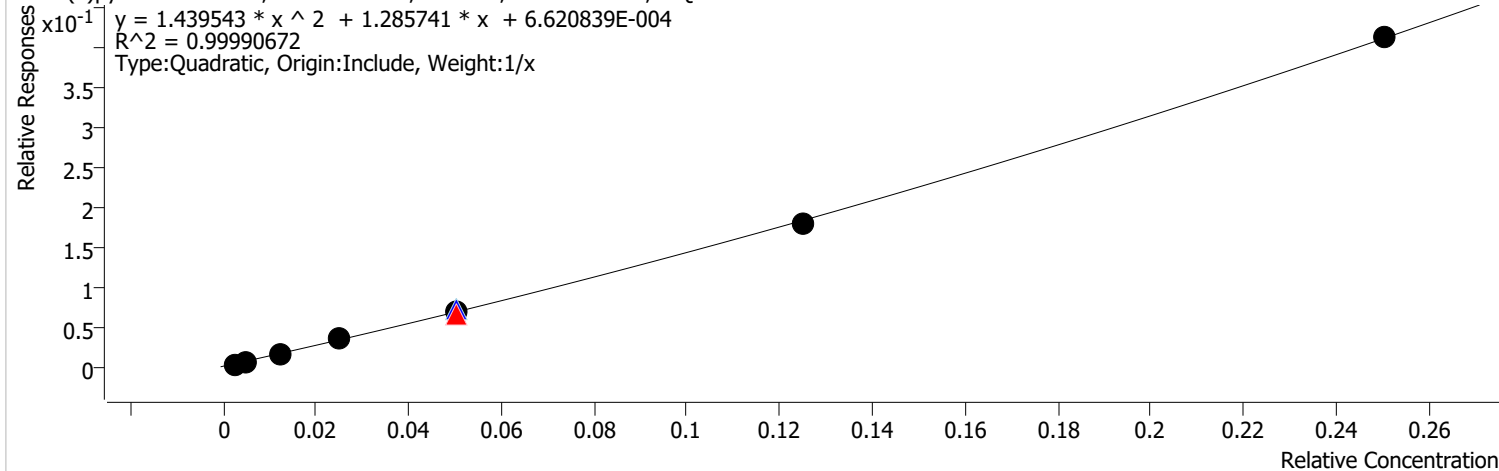
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	773	0.1000	2.0460	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	1925	0.2000	2.4507	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	4090	0.5000	2.0167	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	8490	1.0000	1.9540	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	39503	2.0000	1.8661	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	20600	2.0000	2.1971	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	17813	2.0000	2.0622	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	46472	5.0000	2.1316	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	97846	10.0000	2.1975	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin		
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:42 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Benzo(a)pyrene %RSE = 2.2**

Benzo(a)pyrene - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs

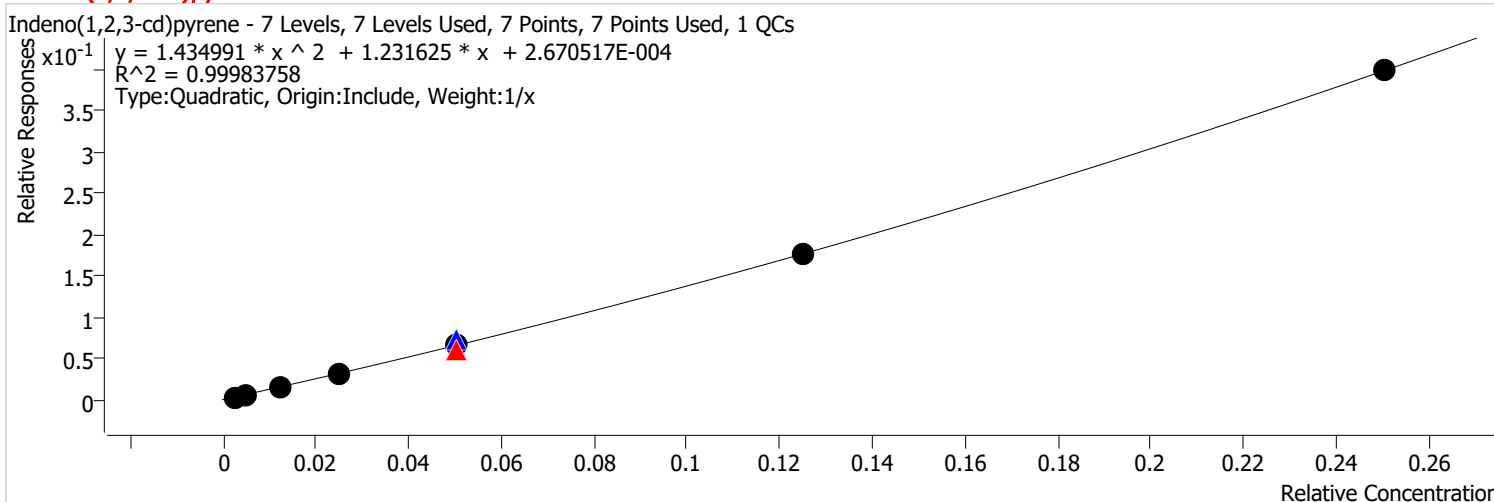


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	571	0.1000	1.5123	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	1118	0.2000	1.4235	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	2788	0.5000	1.3747	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	5985	1.0000	1.3775	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	27265	2.0000	1.2880	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	13846	2.0000	1.4767	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	11949	2.0000	1.3833	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	31631	5.0000	1.4509	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	73579	10.0000	1.6525	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin		
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:42 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Indeno(1,2,3-cd)pyrene %RSE = 4.0**



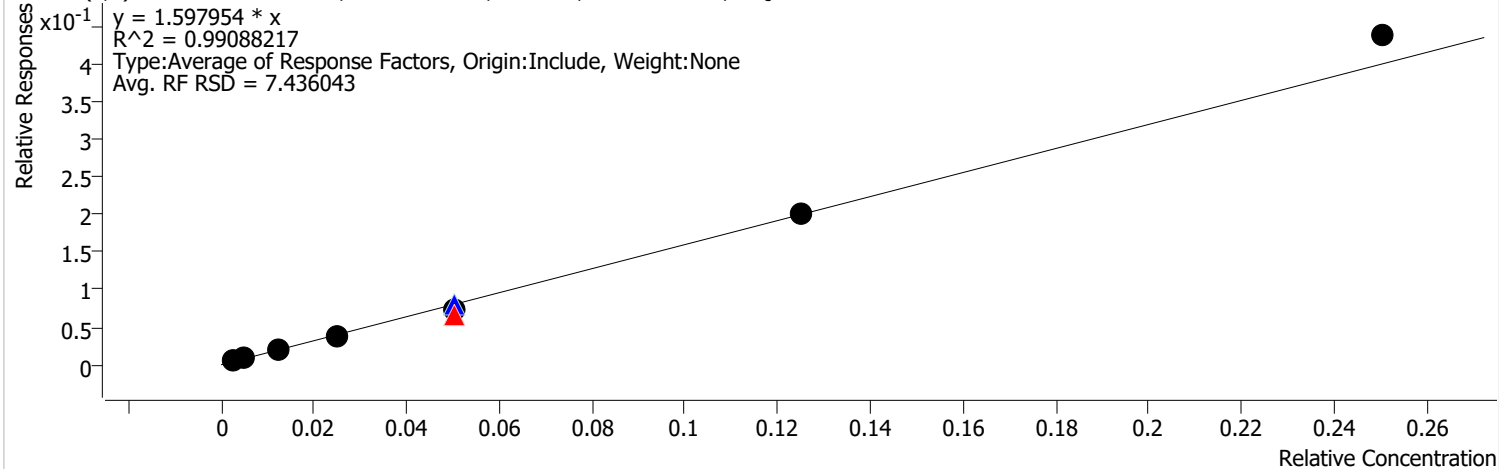
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	532	0.1000	1.4090	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	997	0.2000	1.2689	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	2456	0.5000	1.2110	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	5490	1.0000	1.2636	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	26047	2.0000	1.2305	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	13543	2.0000	1.4444	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	11640	2.0000	1.3475	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	30611	5.0000	1.4041	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	70907	10.0000	1.5924	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin		
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:42 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Dibenzo(a,h)anthracene %RSE = 7.4**

Dibenzo(a,h)anthracene - 7 Levels Used, 7 Points, 7 Points Used, 1 QCs



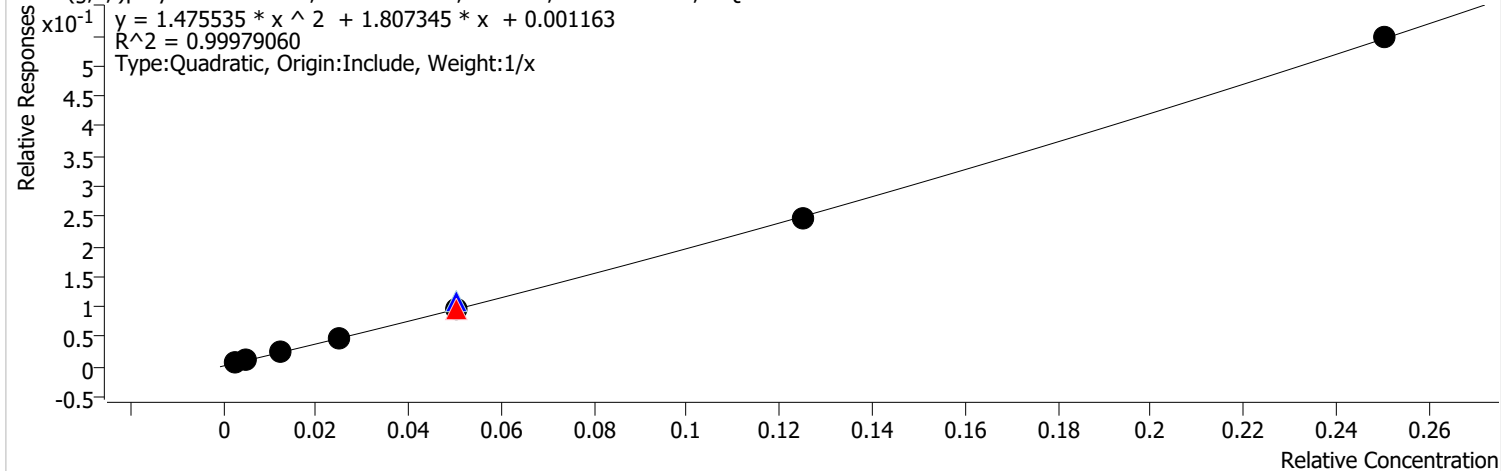
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	652	0.1000	1.7255	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	1302	0.2000	1.6575	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	3015	0.5000	1.4868	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	6525	1.0000	1.5019	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	28600	2.0000	1.3510	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	15374	2.0000	1.6396	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	12569	2.0000	1.4551	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	35101	5.0000	1.6100	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	77870	10.0000	1.7488	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin		
<b>Analysis Time</b>	2/4/2022 3:29 PM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/4/2022 3:30:42 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/17/2022 8:49 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Benzo(g,h,i)perylene %RSE = 5.0**

Benzo(g,h,i)perylene - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	807	0.1000	2.1353	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	1687	0.2000	2.1468	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	3877	0.5000	1.9120	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	8433	1.0000	1.9411	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	40497	2.0000	1.9131	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D	QC	ICV	x	20882	2.0000	2.2271	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	Calibration	5	x	16676	2.0000	1.9305	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	Calibration	6	x	42846	5.0000	1.9653	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	Calibration	7	x	97437	10.0000	2.1883	

# Initial Calibration Report - GCMS

Method Path  
 Method File  
 Batch Name                    \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin  
 Last Calib Update            1/17/2022 8:49:06 AM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
7	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D	1/14/2022 4:42:22 PM	1/17/2022 8:49:06 AM
6	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D	1/14/2022 5:14:49 PM	1/17/2022 8:49:06 AM
5	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D	1/14/2022 5:47:16 PM	1/17/2022 8:49:06 AM
4	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	1/14/2022 6:19:44 PM	1/17/2022 8:49:06 AM
3	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	1/14/2022 6:52:13 PM	1/17/2022 8:49:06 AM
2	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	1/14/2022 7:24:38 PM	1/17/2022 8:49:06 AM
1	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	1/14/2022 7:57:03 PM	1/17/2022 8:49:06 AM

Compound	Curve Fit	7	6	5	4	3	2	1	Avg RF	%RSD
I 1,4-Dichlorobenzene-d4										
S Nitrobenzene-d5	Quadratic	1.0843	0.8862	0.7724	0.7196	0.6832	0.6299	0.6985	0.7820	19.953
I Naphthalene-d8										
T Naphthalene	Avg RF	1.3980	1.3298	1.3146	1.3477	1.3850	1.3815	1.5305	1.3839	5.172
T 2-Methylnaphthalene	Avg RF	0.7514	0.7198	0.7672	0.7535	0.7791	0.7863	0.8496	0.7724	5.231
T 1-Methylnaphthalene	Avg RF	0.7740	0.7464	0.7541	0.7701	0.8321	0.8626	0.9631	0.8146	9.586
I Acenaphthene-d10										
S 2-Fluorobiphenyl	Avg RF	1.9466	1.8507	1.8419	1.8115	1.8388	2.0080	2.1613	1.9227	6.575
T Acenaphthylene	Avg RF	2.6211	2.4177	2.3285	2.2344	2.3925	2.4678	2.6975	2.4514	6.586
T Acenaphthene	Avg RF	1.4917	1.4765	1.5018	1.4992	1.4973	1.6355	1.8746	1.5681	9.274
T Fluorene	Avg RF	1.7964	1.7377	1.7867	1.7778	1.8546	1.9014	2.1334	1.8554	7.213
I Phenanthrene-d10										
T Phenanthrene	Quadratic	1.2757	1.2282	1.2657	1.2315	1.3147	1.4221	1.7261	1.3520	13.139
T Anthracene	Quadratic	1.1817	1.0982	1.0996	1.0698	1.1283	1.2080	1.3669	1.1646	8.729
S o-Terphenyl	Avg RF	0.6203	0.6020	0.6372	0.6141	0.6459	0.6729	0.7647	0.6510	8.492
T Fluoranthene	Avg RF	1.3819	1.3219	1.2979	1.2809	1.3156	1.3793	1.5188	1.3566	5.984
I Chrysene-d12										
T Pyrene	Avg RF	2.0513	1.8687	1.9982	1.9615	2.0040	2.0316	2.1902	2.0151	4.835
S Terphenyl-d14	Quadratic	0.7661	0.7379	0.7551	0.7274	0.7675	0.8224	0.9771	0.7933	10.905
T Benzo(a)Anthracene	Quadratic	1.3718	1.2616	1.3023	1.3513	1.5491	2.0466	3.1109	1.7134	39.239
T Chrysene	Avg RF	1.7463	1.6898	1.7468	1.7690	1.8282	2.0756	1.9594	1.8307	7.541
I Perylene-d12										
T Benzo(b)fluoranthene	Avg RF	1.9960	1.8213	1.8220	1.6868	1.6473	1.6446	1.9970	1.8021	8.428
T Benzo(k)fluoranthene	Quadratic	2.1975	2.1316	2.0622	1.9540	2.0167	2.4507	2.0460	2.1227	7.752
T Benzo(a)pyrene	Quadratic	1.6525	1.4509	1.3833	1.3775	1.3747	1.4235	1.5123	1.4535	6.929
T Indeno(1,2,3-cd)pyrene	Quadratic	1.5924	1.4041	1.3475	1.2636	1.2110	1.2689	1.4090	1.3567	9.431
T Dibenzo(a,h)anthracene	Avg RF	1.7488	1.6100	1.4551	1.5019	1.4868	1.6575	1.7255	1.5980	7.436



# Initial Calibration Report - GCMS

Compound	Curve Fit	7	6	5	4	3	2	1	Avg RF	%RSD
T Benzo(g,h,i)perylene	Quadratic	2.1883	1.9653	1.9305	1.9411	1.9120	2.1468	2.1353	2.0313	5.883

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

## Compounds with Curve fitting not using Avg Response Factor:

Compound	Curve Fit	Curve Fit Formula	Curve Fit R2
S Nitrobenzene-d5	Quadratic	$y = 1.589092 * x^2 + 0.687886 * x - 1.168947E-004$	0.999945
T Phenanthrene	Quadratic	$y = 0.297227 * x^2 + 1.194008 * x + 0.001285$	0.999856
T Anthracene	Quadratic	$y = 0.576911 * x^2 + 1.031628 * x + 8.776189E-004$	0.999900
S Terphenyl-d14	Quadratic	$y = 0.193096 * x^2 + 0.714548 * x + 6.127830E-004$	0.999868
T Benzo(a)Anthracene	Quadratic	$y = 0.862431 * x^2 + 1.133333 * x + 0.004860$	0.999836
T Benzo(k)fluoranthene	Quadratic	$y = 0.772724 * x^2 + 2.006952 * x + 5.940813E-004$	0.999495
T Benzo(a)pyrene	Quadratic	$y = 1.439543 * x^2 + 1.285741 * x + 6.620839E-004$	0.999907
T Indeno(1,2,3-cd)pyrene	Quadratic	$y = 1.434991 * x^2 + 1.231625 * x + 2.670517E-004$	0.999838
T Benzo(g,h,i)perylene	Quadratic	$y = 1.475535 * x^2 + 1.807345 * x + 0.001163$	0.999791

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

# Quantitative Analysis Results Summary Report

Batch Path	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin	Analyst Name	BL2000\jheine
Analysis Time	2/4/2022 3:29 PM	Reporter Name	BL2000\jheine
Report Time	2/4/2022 3:46:10 PM	Batch State	Processed
Last Calib Update	1/17/2022 8:49 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

## Sequence Table

Data File	sample Name	Sample Type	Vial Position	Inj Vol	Level	Acq Method File
Jan1411.D	14-Jan-22_CAL_7	Cal	2	0.1	7	5975BNASIM
Jan1412.D	14-Jan-22_CAL_6	Cal	3	0.1	6	5975BNASIM
Jan1413.D	14-Jan-22_CAL_5	Cal	4	0.1	5	5975BNASIM
Jan1414.D	14-Jan-22_CAL_4	Cal	5	0.1	4	5975BNASIM
Jan1415.D	14-Jan-22_CAL_3	Cal	6	0.1	3	5975BNASIM
Jan1416.D	14-Jan-22_CAL_2	Cal	7	0.1	2	5975BNASIM
Jan1417.D	14-Jan-22_CAL_1	Cal	8	0.1	1	5975BNASIM
Jan1418.D	14-Jan-22_CCV_18	QC	9	0.1	ICV	5975BNASIM

## Quantitation Results

### Compound: Nitrobenzene-d5

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	1,4-Dichlorobenzene-d4	5.131	49501	182604	0.2711	9.9976	10.0000	100.0
Jan1412.D	Calibration	1,4-Dichlorobenzene-d4	5.131	20380	183982	0.1108	5.0027	5.0000	100.1
Jan1413.D	Calibration	1,4-Dichlorobenzene-d4	5.143	6699	173466	0.0386	2.0174	2.0000	100.9
Jan1414.D	Calibration	1,4-Dichlorobenzene-d4	5.143	3242	180220	0.0180	0.9957	1.0000	99.6
Jan1415.D	Calibration	1,4-Dichlorobenzene-d4	5.143	1431	167513	0.0085	0.4896	0.5000	97.9
Jan1416.D	Calibration	1,4-Dichlorobenzene-d4	5.156	517	164224	0.0031	0.1879	0.2000	94.0
Jan1417.D	Calibration	1,4-Dichlorobenzene-d4	5.156	285	163131	0.0017	0.1077	0.1000	107.7
Jan1418.D	QC	1,4-Dichlorobenzene-d4	5.143	7442	188496	0.0395	2.0580	2.0000	102.9

### Compound: Naphthalene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Naphthalene-d8	5.953	113952	326053	0.3495	10.1018	10.0000	101.0
Jan1412.D	Calibration	Naphthalene-d8	5.953	54816	329771	0.1662	4.8046	5.0000	96.1
Jan1413.D	Calibration	Naphthalene-d8	5.953	21057	320346	0.0657	1.8999	2.0000	95.0
Jan1414.D	Calibration	Naphthalene-d8	5.953	11085	329021	0.0337	0.9738	1.0000	97.4
Jan1415.D	Calibration	Naphthalene-d8	5.953	5189	299756	0.0173	0.5004	0.5000	100.1
Jan1416.D	Calibration	Naphthalene-d8	5.953	2073	300080	0.0069	0.1997	0.2000	99.8
Jan1417.D	Calibration	Naphthalene-d8	5.953	1112	290643	0.0038	0.1106	0.1000	110.6
Jan1418.D	QC	Naphthalene-d8	5.953	25149	331274	0.0759	2.1943	2.0000	109.7

### Compound: 2-Methylnaphthalene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Naphthalene-d8	6.790	61246	326053	0.1878	9.7276	10.0000	97.3
Jan1412.D	Calibration	Naphthalene-d8	6.790	29670	329771	0.0900	4.6594	5.0000	93.2
Jan1413.D	Calibration	Naphthalene-d8	6.790	12288	320346	0.0384	1.9865	2.0000	99.3

# Quantitative Analysis Results Summary Report

## Compound: 2-Methylnaphthalene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1414.D	Calibration	Naphthalene-d8	6.790	6198	329021	0.0188	0.9755	1.0000	97.6
Jan1415.D	Calibration	Naphthalene-d8	6.790	2919	299756	0.0097	0.5044	0.5000	100.9
Jan1416.D	Calibration	Naphthalene-d8	6.790	1180	300080	0.0039	0.2036	0.2000	101.8
Jan1417.D	Calibration	Naphthalene-d8	6.790	617	290643	0.0021	0.1100	0.1000	110.0
Jan1418.D	QC	Naphthalene-d8	6.790	15117	331274	0.0456	2.3632	2.0000	118.2

## Compound: 1-Methylnaphthalene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Naphthalene-d8	6.890	63090	326053	0.1935	9.5010	10.0000	95.0
Jan1412.D	Calibration	Naphthalene-d8	6.890	30767	329771	0.0933	4.5812	5.0000	91.6
Jan1413.D	Calibration	Naphthalene-d8	6.902	12079	320346	0.0377	1.8514	2.0000	92.6
Jan1414.D	Calibration	Naphthalene-d8	6.902	6335	329021	0.0193	0.9454	1.0000	94.5
Jan1415.D	Calibration	Naphthalene-d8	6.902	3118	299756	0.0104	0.5107	0.5000	102.1
Jan1416.D	Calibration	Naphthalene-d8	6.902	1294	300080	0.0043	0.2118	0.2000	105.9
Jan1417.D	Calibration	Naphthalene-d8	6.902	700	290643	0.0024	0.1182	0.1000	118.2
Jan1418.D	QC	Naphthalene-d8	6.890	13812	331274	0.0417	2.0472	2.0000	102.4

## Compound: 2-Fluorobiphenyl

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Acenaphthene-d10	7.252	85326	175338	0.4866	10.1242	10.0000	101.2
Jan1412.D	Calibration	Acenaphthene-d10	7.252	40190	173728	0.2313	4.8128	5.0000	96.3
Jan1413.D	Calibration	Acenaphthene-d10	7.264	15824	171827	0.0921	1.9159	2.0000	95.8
Jan1414.D	Calibration	Acenaphthene-d10	7.264	8063	178036	0.0453	0.9422	1.0000	94.2
Jan1415.D	Calibration	Acenaphthene-d10	7.265	3783	164569	0.0230	0.4782	0.5000	95.6
Jan1416.D	Calibration	Acenaphthene-d10	7.265	1673	166596	0.0100	0.2089	0.2000	104.4
Jan1417.D	Calibration	Acenaphthene-d10	7.264	861	159286	0.0054	0.1124	0.1000	112.4
Jan1418.D	QC	Acenaphthene-d10	7.252	17342	181512	0.0955	1.9877	2.0000	99.4

## Compound: Acenaphthylene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Acenaphthene-d10	7.826	114894	175338	0.6553	10.6924	10.0000	106.9
Jan1412.D	Calibration	Acenaphthene-d10	7.826	52503	173728	0.3022	4.9314	5.0000	98.6
Jan1413.D	Calibration	Acenaphthene-d10	7.826	20005	171827	0.1164	1.8998	2.0000	95.0
Jan1414.D	Calibration	Acenaphthene-d10	7.826	9945	178036	0.0559	0.9115	1.0000	91.1
Jan1415.D	Calibration	Acenaphthene-d10	7.826	4922	164569	0.0299	0.4880	0.5000	97.6
Jan1416.D	Calibration	Acenaphthene-d10	7.826	2056	166596	0.0123	0.2013	0.2000	100.7
Jan1417.D	Calibration	Acenaphthene-d10	7.826	1074	159286	0.0067	0.1100	0.1000	110.0
Jan1418.D	QC	Acenaphthene-d10	7.826	22902	181512	0.1262	2.0588	2.0000	102.9

## Compound: Acenaphthene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Acenaphthene-d10	8.038	65386	175338	0.3729	9.5126	10.0000	95.1

# Quantitative Analysis Results Summary Report

**Compound: Acenaphthene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1412.D	Calibration	Acenaphthene-d10	8.038	32065	173728	0.1846	4.7081	5.0000	94.2
Jan1413.D	Calibration	Acenaphthene-d10	8.038	12902	171827	0.0751	1.9154	2.0000	95.8
Jan1414.D	Calibration	Acenaphthene-d10	8.038	6673	178036	0.0375	0.9561	1.0000	95.6
Jan1415.D	Calibration	Acenaphthene-d10	8.038	3080	164569	0.0187	0.4774	0.5000	95.5
Jan1416.D	Calibration	Acenaphthene-d10	8.038	1362	166596	0.0082	0.2086	0.2000	104.3
Jan1417.D	Calibration	Acenaphthene-d10	8.038	747	159286	0.0047	0.1195	0.1000	119.5
Jan1418.D	QC	Acenaphthene-d10	8.038	16099	181512	0.0887	2.2624	2.0000	113.1

**Compound: Fluorene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Acenaphthene-d10	8.661	78747	175338	0.4491	9.6821	10.0000	96.8
Jan1412.D	Calibration	Acenaphthene-d10	8.674	37736	173728	0.2172	4.6828	5.0000	93.7
Jan1413.D	Calibration	Acenaphthene-d10	8.673	15350	171827	0.0893	1.9259	2.0000	96.3
Jan1414.D	Calibration	Acenaphthene-d10	8.673	7913	178036	0.0444	0.9582	1.0000	95.8
Jan1415.D	Calibration	Acenaphthene-d10	8.674	3815	164569	0.0232	0.4998	0.5000	100.0
Jan1416.D	Calibration	Acenaphthene-d10	8.674	1584	166596	0.0095	0.2050	0.2000	102.5
Jan1417.D	Calibration	Acenaphthene-d10	8.673	850	159286	0.0053	0.1150	0.1000	115.0
Jan1418.D	QC	Acenaphthene-d10	8.674	18411	181512	0.1014	2.1867	2.0000	109.3

**Compound: Phenanthrene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Phenanthrene-d10	9.805	114135	357869	0.3189	10.0168	10.0000	100.2
Jan1412.D	Calibration	Phenanthrene-d10	9.805	54828	357137	0.1535	4.9477	5.0000	99.0
Jan1413.D	Calibration	Phenanthrene-d10	9.805	22214	351005	0.0633	2.0509	2.0000	102.5
Jan1414.D	Calibration	Phenanthrene-d10	9.805	11285	366553	0.0308	0.9824	1.0000	98.2
Jan1415.D	Calibration	Phenanthrene-d10	9.805	5535	336790	0.0164	0.5059	0.5000	101.2
Jan1416.D	Calibration	Phenanthrene-d10	9.805	2407	338512	0.0071	0.1949	0.2000	97.5
Jan1417.D	Calibration	Phenanthrene-d10	9.805	1388	321717	0.0043	0.1015	0.1000	101.5
Jan1418.D	QC	Phenanthrene-d10	9.805	26680	383934	0.0695	2.2533	2.0000	112.7

**Compound: Anthracene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Phenanthrene-d10	9.867	105724	357869	0.2954	10.0177	10.0000	100.2
Jan1412.D	Calibration	Phenanthrene-d10	9.867	49026	357137	0.1373	4.9466	5.0000	98.9
Jan1413.D	Calibration	Phenanthrene-d10	9.867	19299	351005	0.0550	2.0396	2.0000	102.0
Jan1414.D	Calibration	Phenanthrene-d10	9.867	9804	366553	0.0267	0.9893	1.0000	98.9
Jan1415.D	Calibration	Phenanthrene-d10	9.867	4750	336790	0.0141	0.5092	0.5000	101.8
Jan1416.D	Calibration	Phenanthrene-d10	9.867	2045	338512	0.0060	0.1996	0.2000	99.8
Jan1417.D	Calibration	Phenanthrene-d10	9.867	1099	321717	0.0034	0.0983	0.1000	98.3
Jan1418.D	QC	Phenanthrene-d10	9.867	22877	383934	0.0596	2.2082	2.0000	110.4

# Quantitative Analysis Results Summary Report

**Compound: o-Terphenyl**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Phenanthrene-d10	10.299	55500	357869	0.1551	9.5287	10.0000	95.3
Jan1412.D	Calibration	Phenanthrene-d10	10.299	26874	357137	0.0752	4.6234	5.0000	92.5
Jan1413.D	Calibration	Phenanthrene-d10	10.299	11182	351005	0.0319	1.9574	2.0000	97.9
Jan1414.D	Calibration	Phenanthrene-d10	10.311	5628	366553	0.0154	0.9433	1.0000	94.3
Jan1415.D	Calibration	Phenanthrene-d10	10.311	2719	336790	0.0081	0.4960	0.5000	99.2
Jan1416.D	Calibration	Phenanthrene-d10	10.311	1139	338512	0.0034	0.2067	0.2000	103.4
Jan1417.D	Calibration	Phenanthrene-d10	10.311	615	321717	0.0019	0.1175	0.1000	117.5
Jan1418.D	QC	Phenanthrene-d10	10.312	13079	383934	0.0341	2.0930	2.0000	104.7

**Compound: Fluoranthene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Phenanthrene-d10	11.411	123634	357869	0.3455	10.1863	10.0000	101.9
Jan1412.D	Calibration	Phenanthrene-d10	11.411	59011	357137	0.1652	4.8719	5.0000	97.4
Jan1413.D	Calibration	Phenanthrene-d10	11.411	22779	351005	0.0649	1.9135	2.0000	95.7
Jan1414.D	Calibration	Phenanthrene-d10	11.423	11738	366553	0.0320	0.9442	1.0000	94.4
Jan1415.D	Calibration	Phenanthrene-d10	11.423	5538	336790	0.0164	0.4849	0.5000	97.0
Jan1416.D	Calibration	Phenanthrene-d10	11.435	2335	338512	0.0069	0.2033	0.2000	101.7
Jan1417.D	Calibration	Phenanthrene-d10	11.435	1222	321717	0.0038	0.1120	0.1000	112.0
Jan1418.D	QC	Phenanthrene-d10	11.423	27466	383934	0.0715	2.1093	2.0000	105.5

**Compound: Pyrene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Chrysene-d12	11.794	135457	264142	0.5128	10.1796	10.0000	101.8
Jan1412.D	Calibration	Chrysene-d12	11.794	61779	264474	0.2336	4.6369	5.0000	92.7
Jan1413.D	Calibration	Chrysene-d12	11.794	26098	261208	0.0999	1.9833	2.0000	99.2
Jan1414.D	Calibration	Chrysene-d12	11.794	13080	266746	0.0490	0.9734	1.0000	97.3
Jan1415.D	Calibration	Chrysene-d12	11.794	6254	249663	0.0251	0.4973	0.5000	99.5
Jan1416.D	Calibration	Chrysene-d12	11.806	2532	249293	0.0102	0.2016	0.2000	100.8
Jan1417.D	Calibration	Chrysene-d12	11.806	1310	239183	0.0055	0.1087	0.1000	108.7
Jan1418.D	QC	Chrysene-d12	11.794	30117	281501	0.1070	2.1237	2.0000	106.2

**Compound: Terphenyl-d14**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Chrysene-d12	12.263	50591	264142	0.1915	10.0104	10.0000	100.1
Jan1412.D	Calibration	Chrysene-d12	12.263	24394	264474	0.0922	4.9627	5.0000	99.3
Jan1413.D	Calibration	Chrysene-d12	12.263	9861	261208	0.0378	2.0507	2.0000	102.5
Jan1414.D	Calibration	Chrysene-d12	12.263	4851	266746	0.0182	0.9772	1.0000	97.7
Jan1415.D	Calibration	Chrysene-d12	12.263	2395	249663	0.0096	0.5010	0.5000	100.2
Jan1416.D	Calibration	Chrysene-d12	12.275	1025	249293	0.0041	0.1956	0.2000	97.8
Jan1417.D	Calibration	Chrysene-d12	12.275	584	239183	0.0024	0.1024	0.1000	102.4
Jan1418.D	QC	Chrysene-d12	12.263	9999	281501	0.0355	1.9290	2.0000	96.5

# Quantitative Analysis Results Summary Report

**Compound: Benzo(a)Anthracene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Chrysene-d12	14.702	90588	264142	0.3430	10.0218	10.0000	100.2
Jan1412.D	Calibration	Chrysene-d12	14.702	41708	264474	0.1577	4.9317	5.0000	98.6
Jan1413.D	Calibration	Chrysene-d12	14.701	17008	261208	0.0651	2.0469	2.0000	102.3
Jan1414.D	Calibration	Chrysene-d12	14.701	9011	266746	0.0338	1.0017	1.0000	100.2
Jan1415.D	Calibration	Chrysene-d12	14.702	4835	249663	0.0194	0.5070	0.5000	101.4
Jan1416.D	Calibration	Chrysene-d12	14.714	2551	249293	0.0102	0.1889	0.2000	94.5
Jan1417.D	Calibration	Chrysene-d12	14.714	1860	239183	0.0078	0.1028	0.1000	102.8
Jan1418.D	QC	Chrysene-d12	14.702	20817	281501	0.0739	2.3347	2.0000	116.7

**Compound: Chrysene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Chrysene-d12	14.789	115319	264142	0.4366	9.5389	10.0000	95.4
Jan1412.D	Calibration	Chrysene-d12	14.789	55864	264474	0.2112	4.6151	5.0000	92.3
Jan1413.D	Calibration	Chrysene-d12	14.789	22814	261208	0.0873	1.9083	2.0000	95.4
Jan1414.D	Calibration	Chrysene-d12	14.789	11797	266746	0.0442	0.9663	1.0000	96.6
Jan1415.D	Calibration	Chrysene-d12	14.789	5705	249663	0.0229	0.4993	0.5000	99.9
Jan1416.D	Calibration	Chrysene-d12	14.789	2587	249293	0.0104	0.2267	0.2000	113.4
Jan1417.D	Calibration	Chrysene-d12	14.789	1172	239183	0.0049	0.1070	0.1000	107.0
Jan1418.D	QC	Chrysene-d12	14.789	27947	281501	0.0993	2.1692	2.0000	108.5

**Compound: Benzo(b)fluoranthene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Perylene-d12	17.733	88874	178107	0.4990	11.0755	10.0000	110.8
Jan1412.D	Calibration	Perylene-d12	17.733	39707	174410	0.2277	5.0532	5.0000	101.1
Jan1413.D	Calibration	Perylene-d12	17.733	15738	172756	0.0911	2.0220	2.0000	101.1
Jan1414.D	Calibration	Perylene-d12	17.733	7329	173788	0.0422	0.9360	1.0000	93.6
Jan1415.D	Calibration	Perylene-d12	17.733	3340	162226	0.0206	0.4570	0.5000	91.4
Jan1416.D	Calibration	Perylene-d12	17.733	1292	157130	0.0082	0.1825	0.2000	91.3
Jan1417.D	Calibration	Perylene-d12	17.746	754	151093	0.0050	0.1108	0.1000	110.8
Jan1418.D	QC	Perylene-d12	17.733	19328	187526	0.1031	2.2877	2.0000	114.4

**Compound: Benzo(k)fluoranthene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Perylene-d12	17.795	97846	178107	0.5494	9.9789	10.0000	99.8
Jan1412.D	Calibration	Perylene-d12	17.795	46472	174410	0.2665	5.0530	5.0000	101.1
Jan1413.D	Calibration	Perylene-d12	17.795	17813	172756	0.1031	2.0045	2.0000	100.2
Jan1414.D	Calibration	Perylene-d12	17.795	8490	173788	0.0488	0.9530	1.0000	95.3
Jan1415.D	Calibration	Perylene-d12	17.795	4090	162226	0.0252	0.4883	0.5000	97.7
Jan1416.D	Calibration	Perylene-d12	17.807	1925	157130	0.0123	0.2319	0.2000	115.9
Jan1417.D	Calibration	Perylene-d12	17.807	773	151093	0.0051	0.0900	0.1000	90.0
Jan1418.D	QC	Perylene-d12	17.795	20600	187526	0.1099	2.1338	2.0000	106.7

# Quantitative Analysis Results Summary Report

**Compound: Benzo(a)pyrene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Perylene-d12	18.376	73579	178107	0.4131	10.0209	10.0000	100.2
Jan1412.D	Calibration	Perylene-d12	18.376	31631	174410	0.1814	4.9389	5.0000	98.8
Jan1413.D	Calibration	Perylene-d12	18.376	11949	172756	0.0692	2.0173	2.0000	100.9
Jan1414.D	Calibration	Perylene-d12	18.376	5985	173788	0.0344	1.0216	1.0000	102.2
Jan1415.D	Calibration	Perylene-d12	18.376	2788	162226	0.0172	0.5068	0.5000	101.4
Jan1416.D	Calibration	Perylene-d12	18.388	1118	157130	0.0071	0.1997	0.2000	99.9
Jan1417.D	Calibration	Perylene-d12	18.388	571	151093	0.0038	0.0968	0.1000	96.8
Jan1418.D	QC	Perylene-d12	18.376	13846	187526	0.0738	2.1474	2.0000	107.4

**Compound: Indeno(1,2,3-cd)pyrene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Perylene-d12	20.229	70907	178107	0.3981	10.0052	10.0000	100.1
Jan1412.D	Calibration	Perylene-d12	20.229	30611	174410	0.1755	4.9716	5.0000	99.4
Jan1413.D	Calibration	Perylene-d12	20.229	11640	172756	0.0674	2.0564	2.0000	102.8
Jan1414.D	Calibration	Perylene-d12	20.229	5490	173788	0.0316	0.9888	1.0000	98.9
Jan1415.D	Calibration	Perylene-d12	20.229	2456	162226	0.0151	0.4764	0.5000	95.3
Jan1416.D	Calibration	Perylene-d12	20.242	997	157130	0.0063	0.1963	0.2000	98.1
Jan1417.D	Calibration	Perylene-d12	20.241	532	151093	0.0035	0.1054	0.1000	105.4
Jan1418.D	QC	Perylene-d12	20.229	13543	187526	0.0722	2.1963	2.0000	109.8

**Compound: Dibenzo(a,h)anthracene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Perylene-d12	20.291	77870	178107	0.4372	10.9442	10.0000	109.4
Jan1412.D	Calibration	Perylene-d12	20.291	35101	174410	0.2013	5.0378	5.0000	100.8
Jan1413.D	Calibration	Perylene-d12	20.303	12569	172756	0.0728	1.8212	2.0000	91.1
Jan1414.D	Calibration	Perylene-d12	20.303	6525	173788	0.0375	0.9399	1.0000	94.0
Jan1415.D	Calibration	Perylene-d12	20.303	3015	162226	0.0186	0.4652	0.5000	93.0
Jan1416.D	Calibration	Perylene-d12	20.316	1302	157130	0.0083	0.2075	0.2000	103.7
Jan1417.D	Calibration	Perylene-d12	20.316	652	151093	0.0043	0.1080	0.1000	108.0
Jan1418.D	QC	Perylene-d12	20.303	15374	187526	0.0820	2.0521	2.0000	102.6

**Compound: Benzo(g,h,i)perylene**

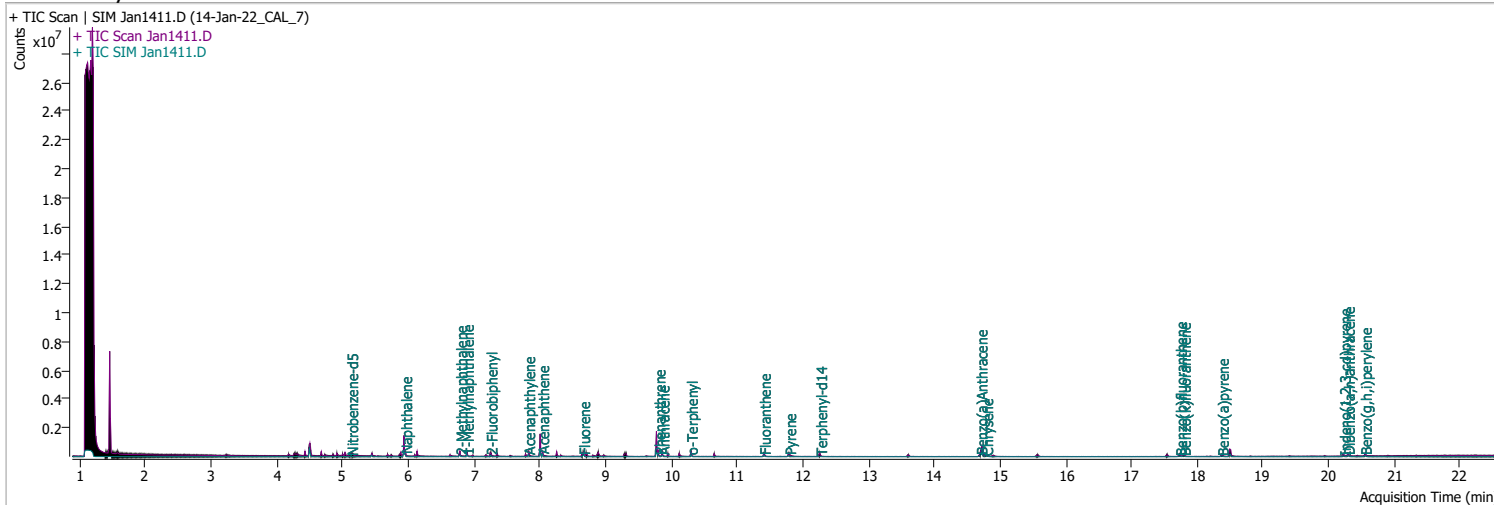
Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan1411.D	Calibration	Perylene-d12	20.550	97437	178107	0.5471	10.0290	10.0000	100.3
Jan1412.D	Calibration	Perylene-d12	20.563	42846	174410	0.2457	4.9176	5.0000	98.4
Jan1413.D	Calibration	Perylene-d12	20.563	16676	172756	0.0965	2.0267	2.0000	101.3
Jan1414.D	Calibration	Perylene-d12	20.563	8433	173788	0.0485	1.0267	1.0000	102.7
Jan1415.D	Calibration	Perylene-d12	20.563	3877	162226	0.0239	0.4982	0.5000	99.6
Jan1416.D	Calibration	Perylene-d12	20.575	1687	157130	0.0107	0.2109	0.2000	105.5
Jan1417.D	Calibration	Perylene-d12	20.575	807	151093	0.0053	0.0922	0.1000	92.2
Jan1418.D	QC	Perylene-d12	20.563	20882	187526	0.1114	2.3281	2.0000	116.4



# Quantitation Results Report (QT Reviewed)

Data File	Jan1411.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/14/2022 4:42:22 PM
Sample Name	14-Jan-22_CAL_7	Instrument	GCMS
Vial	2	Multiplier	1.00
DA Method File		Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011422 bna SIM 2.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.497	152.0	182604	40.0000	ng/ml	0.000
M Naphthalene-d8	5.941	136.0	326053	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	175338	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.780	188.0	357869	40.0000	ng/ml	0.000
M Chrysene-d12	14.727	240.0	264142	40.0000	ng/ml	0.000
M Perylene-d12	18.499	264.0	178107	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.131	82.0	49501	9.9976	ng/ml	-0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 199.95%	*	
S 2-Fluorobiphenyl	7.252	172.0	85326	10.1242	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 202.48%	*	
S o-Terphenyl	10.299	230.0	55500	9.5287	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 190.57%	*	
S Terphenyl-d14	12.263	244.0	50591	10.0104	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 200.21%	*	
<b>Target Compounds</b>						
T Naphthalene	5.953	128.0	113952	10.1018	ng/ml	95
T 2-Methylnaphthalene	6.790	141.0	61246	9.7276	ng/ml	93
T 1-Methylnaphthalene	6.890	141.0	63090	9.5010	ng/ml	98
T Acenaphthylene	7.826	152.0	114894	10.6924	ng/ml	97
T Acenaphthene	8.038	154.0	65386	9.5126	ng/ml	99
T Fluorene	8.661	166.0	78747	9.6821	ng/ml	99
T Phenanthrene	9.805	178.0	114135	10.0168	ng/ml	92
T Anthracene	9.867	178.0	105724	10.0177	ng/ml	100
T Fluoranthene	11.411	202.0	123634	10.1863	ng/ml	99
T Pyrene	11.794	202.0	135457	10.1796	ng/ml	98
T Benzo(a)Anthracene	14.702	228.0	90588	10.0218	ng/ml	98
T Chrysene	14.789	228.0	115319	9.5389	ng/ml	99
T Benzo(b)fluoranthene	17.733	252.0	88874	11.0755	ng/ml	99

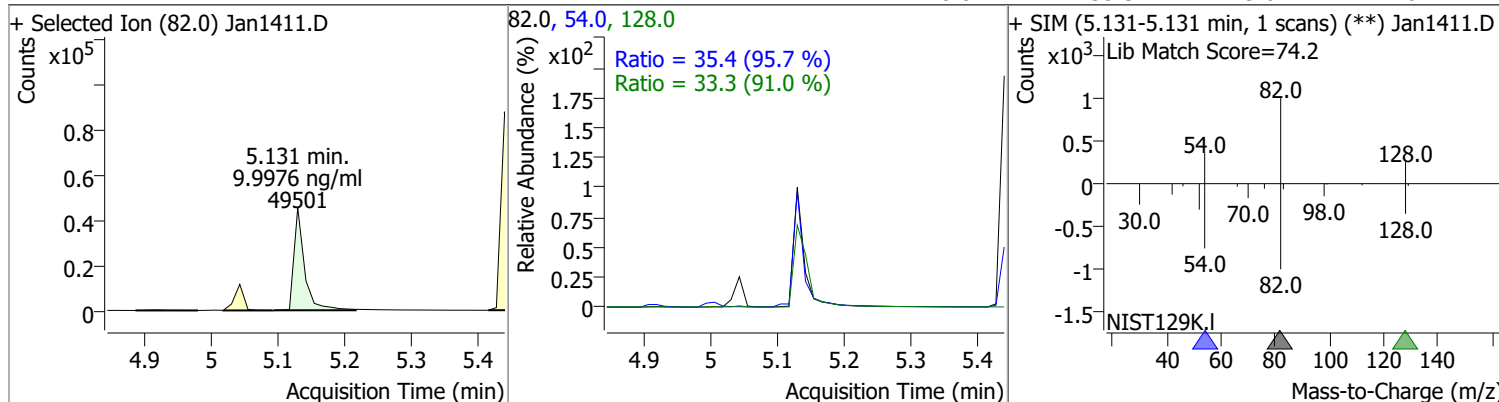
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.795	252.0	97846	9.9789	ng/ml	98
T Benzo(a)pyrene	18.376	252.0	73579	10.0209	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.229	276.0	70907	10.0052	ng/ml	94
T Dibenzo(a,h)anthracene	20.291	278.0	77870	10.9442	ng/ml	96
T Benzo(g,h,i)perylene	20.550	276.0	97437	10.0290	ng/ml	96

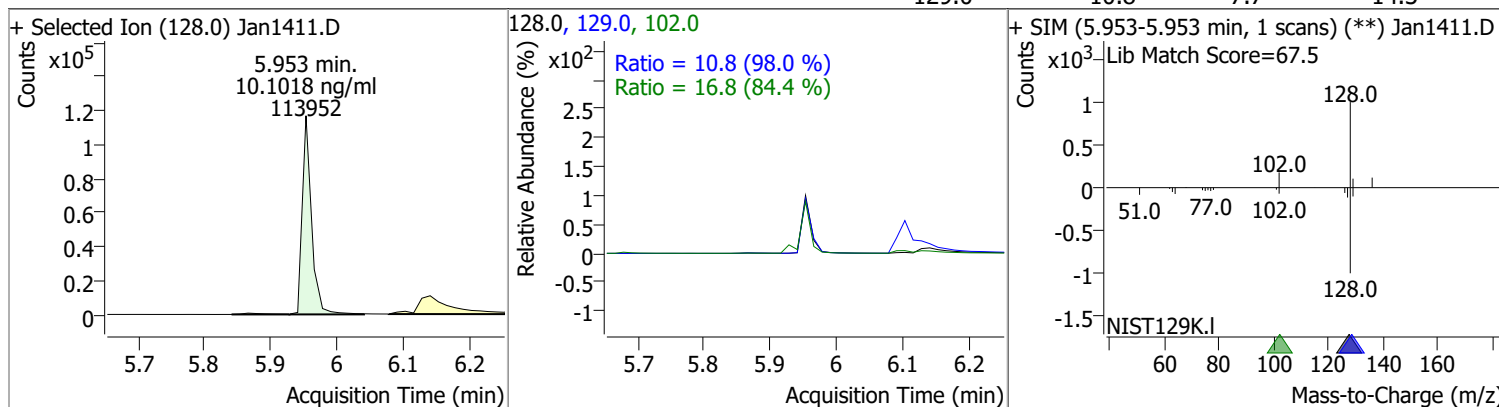
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

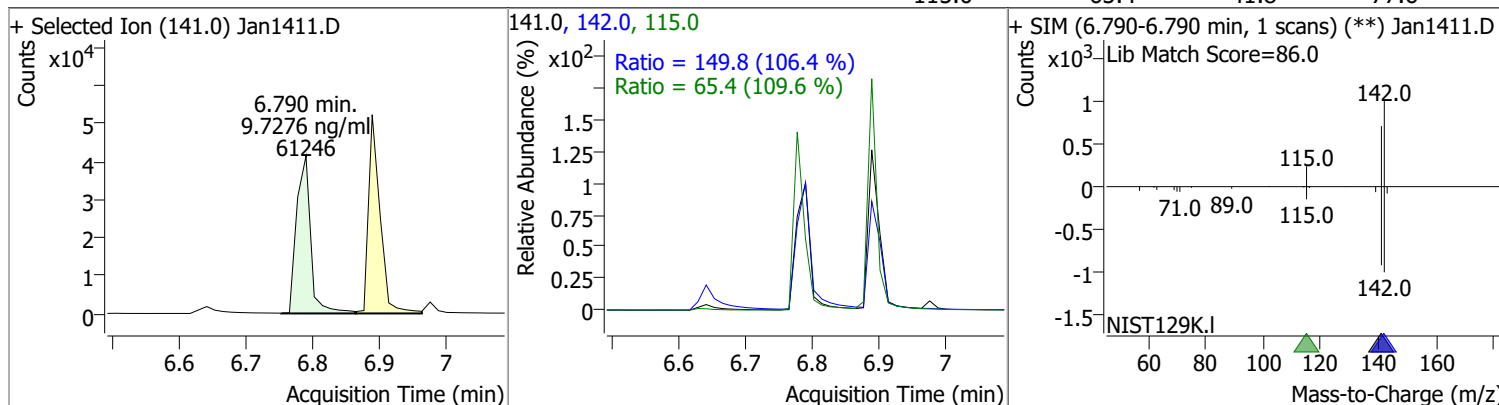
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	9.9976	5.13	-0.01	49501	54.0	35.4	25.9	48.1
					128.0	33.3	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	10.1018	5.95	0.00	113952	102.0	16.8	0.0	59.6
					129.0	10.8	7.7	14.3

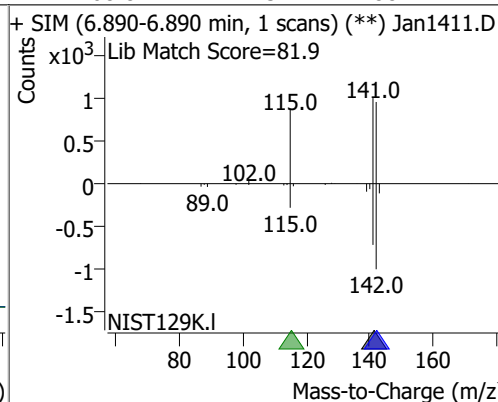
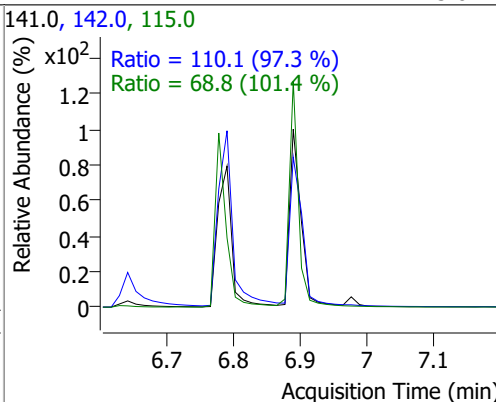
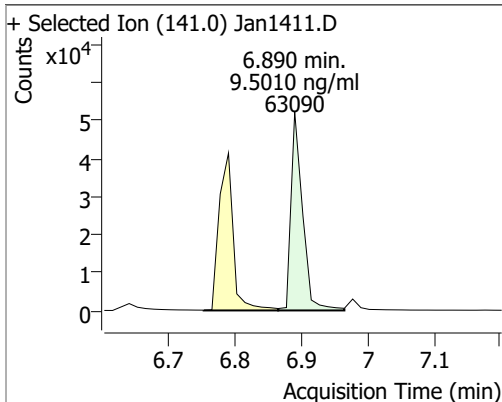


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	9.7276	6.79	0.00	61246	142.0	149.8	98.5	183.0
					115.0	65.4	41.8	77.6

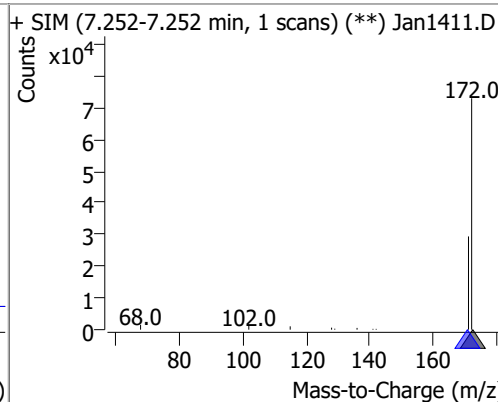
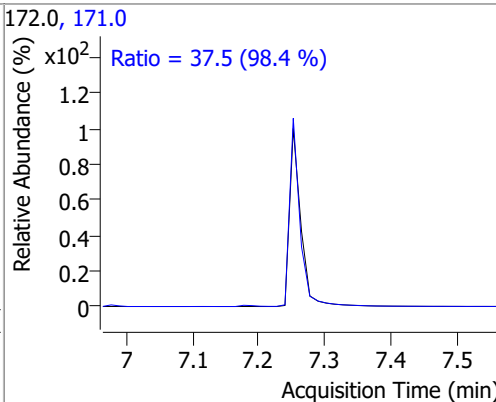
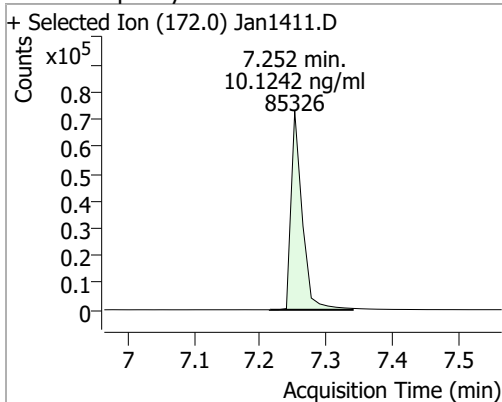


# Quantitation Results Report (QT Reviewed)

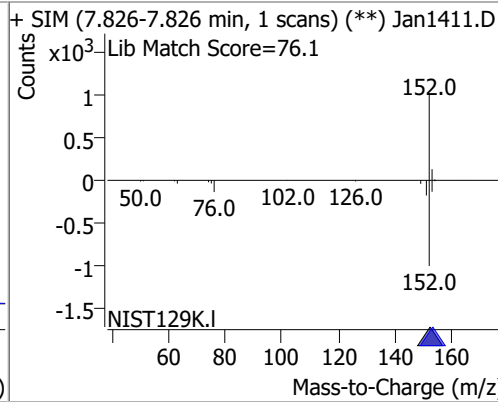
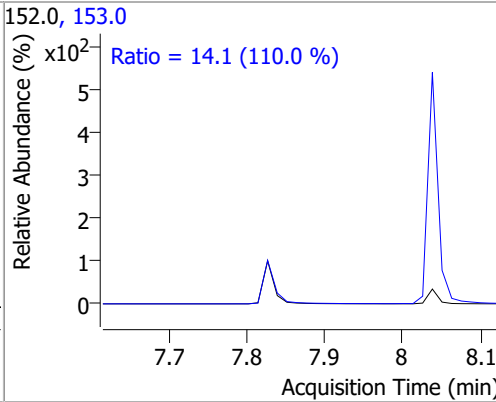
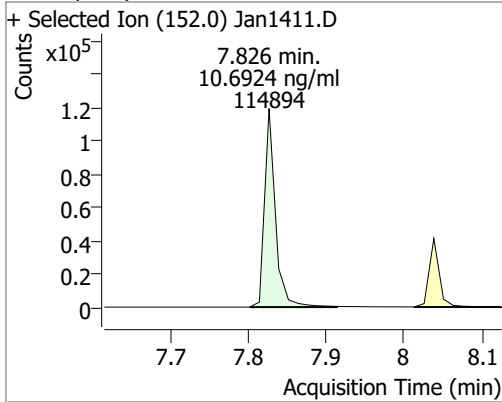
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	9.5010	6.89	-0.01	63090	142.0	110.1	79.2	147.1
					115.0	68.8	47.5	88.2



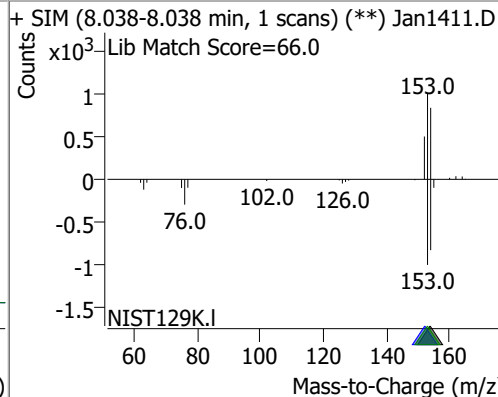
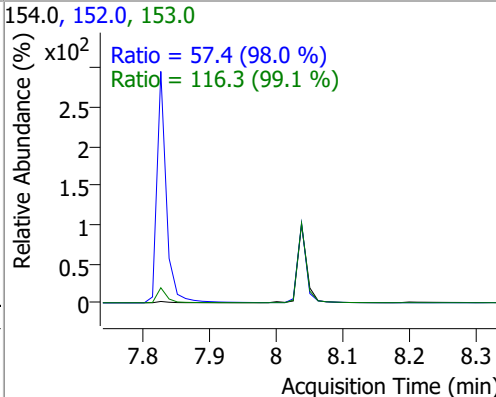
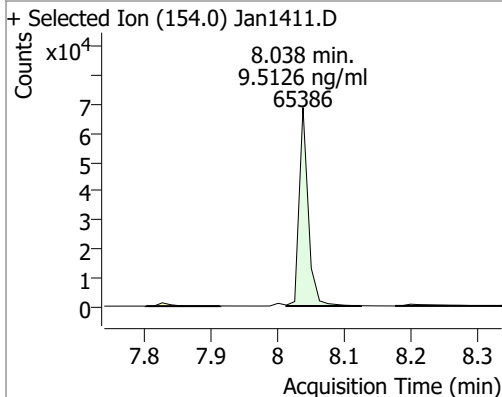
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	10.1242	7.25	-0.01	85326	171.0	37.5	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	10.6924	7.83	0.00	114894	153.0	14.1	9.0	16.6

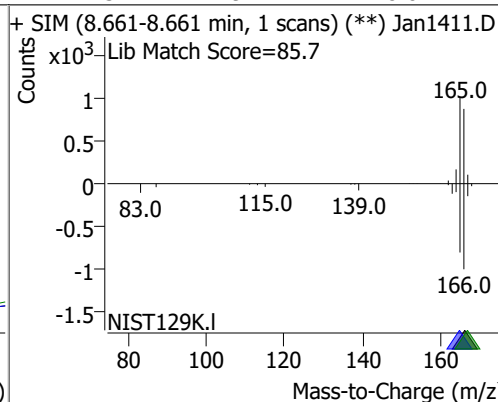
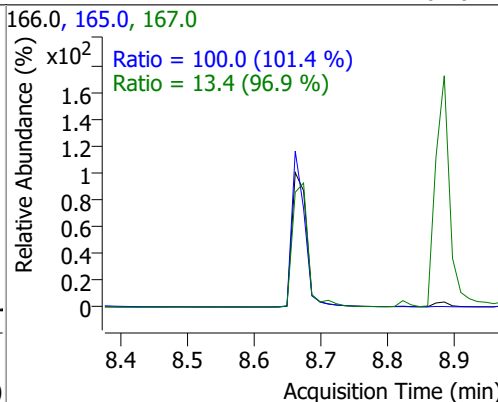
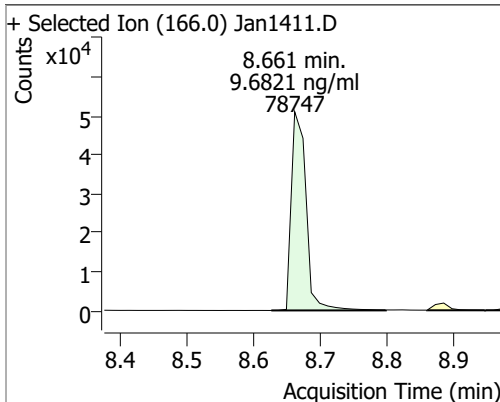


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	9.5126	8.04	0.00	65386	153.0	116.3	82.1	152.6
					152.0	57.4	41.0	76.1

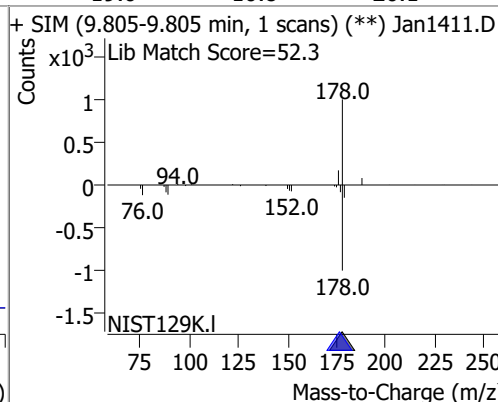
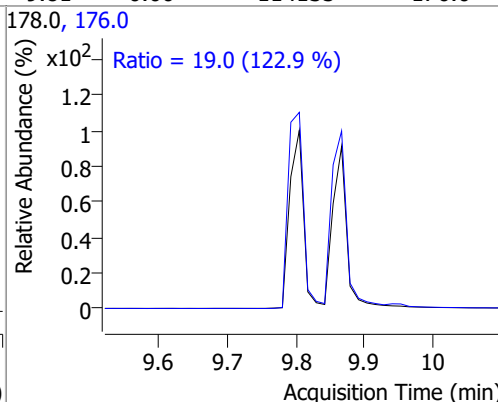
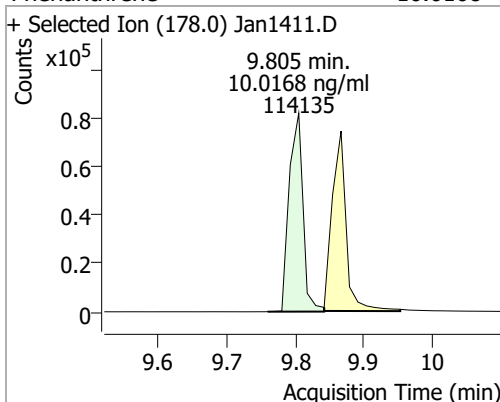


# Quantitation Results Report (QT Reviewed)

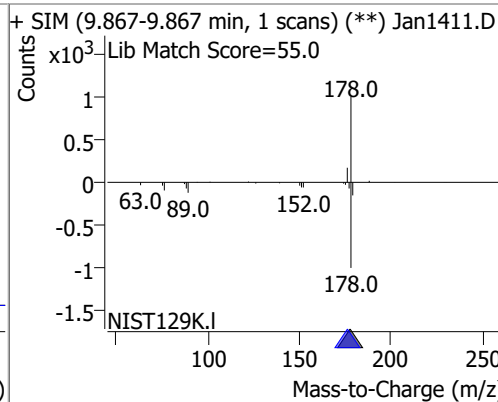
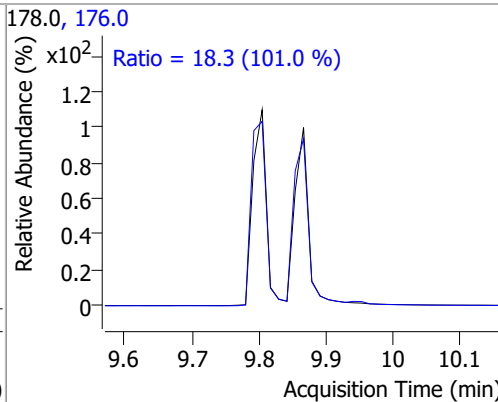
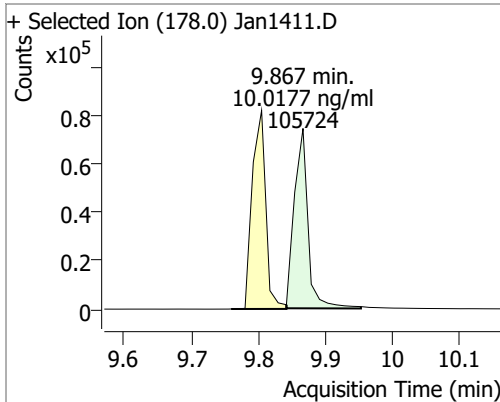
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	9.6821	8.66	-0.01	78747	165.0 167.0	100.0 13.4	69.1 9.7	128.3 18.0



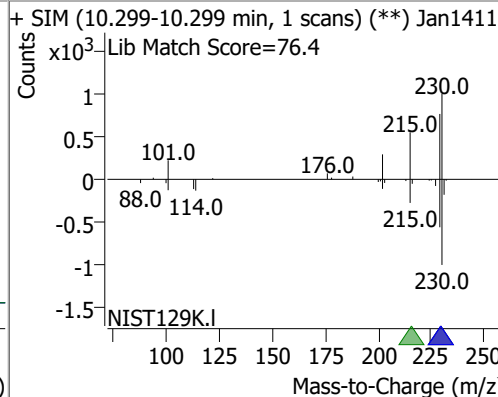
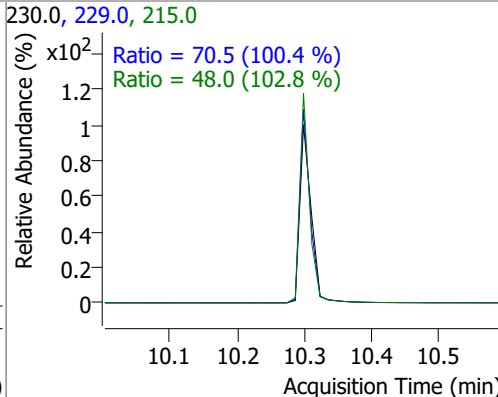
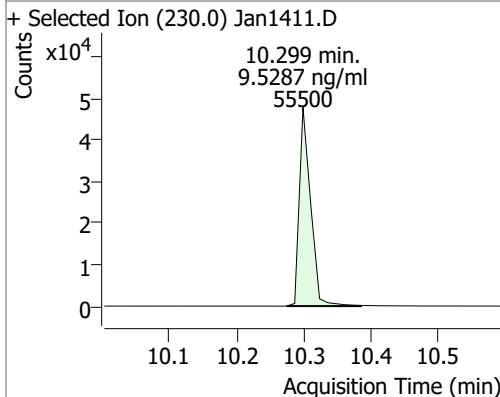
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	10.0168	9.81	0.00	114135	176.0	19.0	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	10.0177	9.87	0.00	105724	176.0	18.3	12.7	23.5

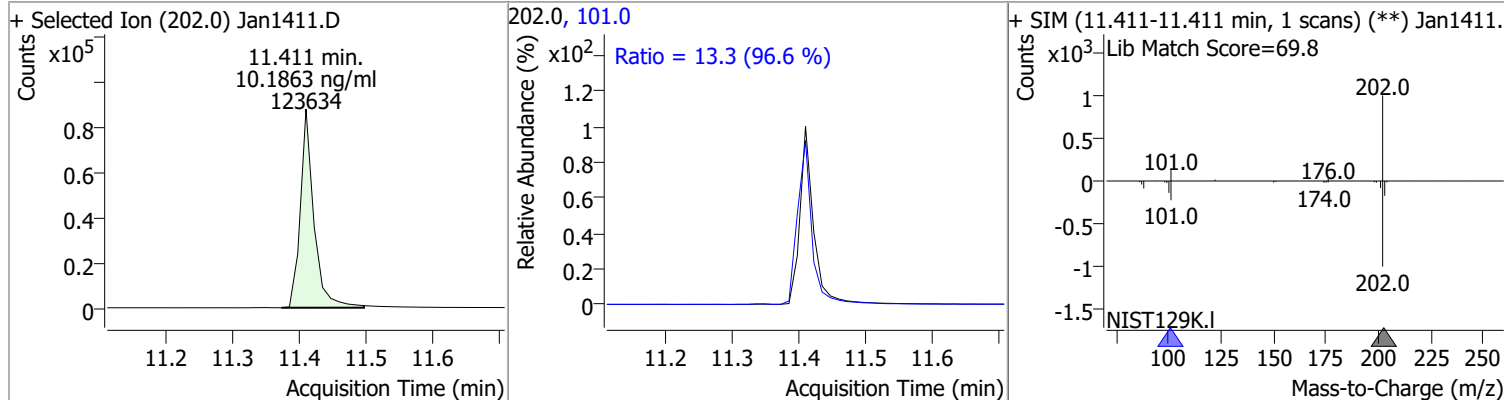


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	9.5287	10.30	0.00	55500	229.0 215.0	70.5 48.0	49.2 32.7	91.3 60.7

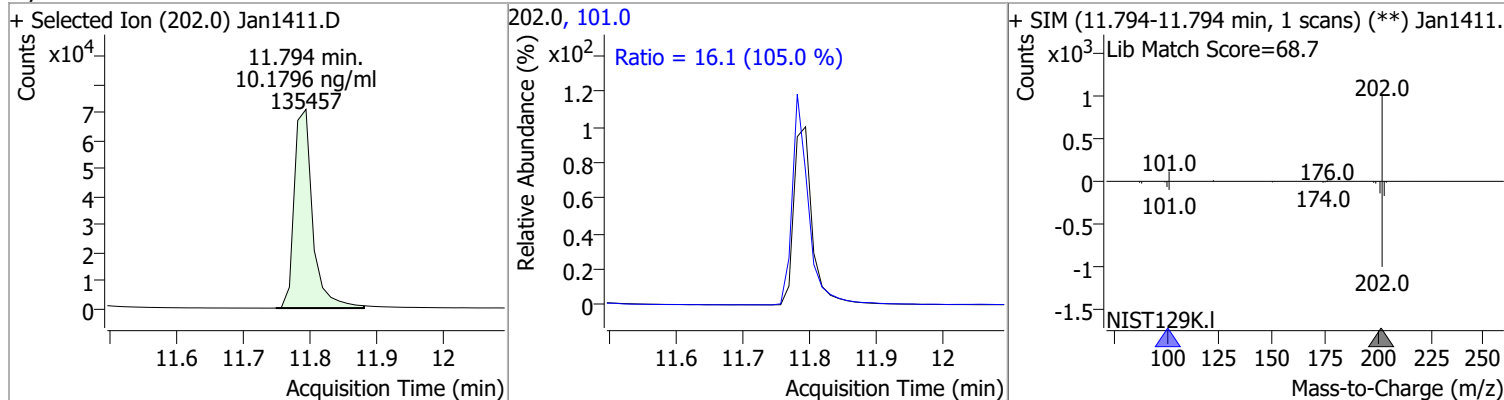


# Quantitation Results Report (QT Reviewed)

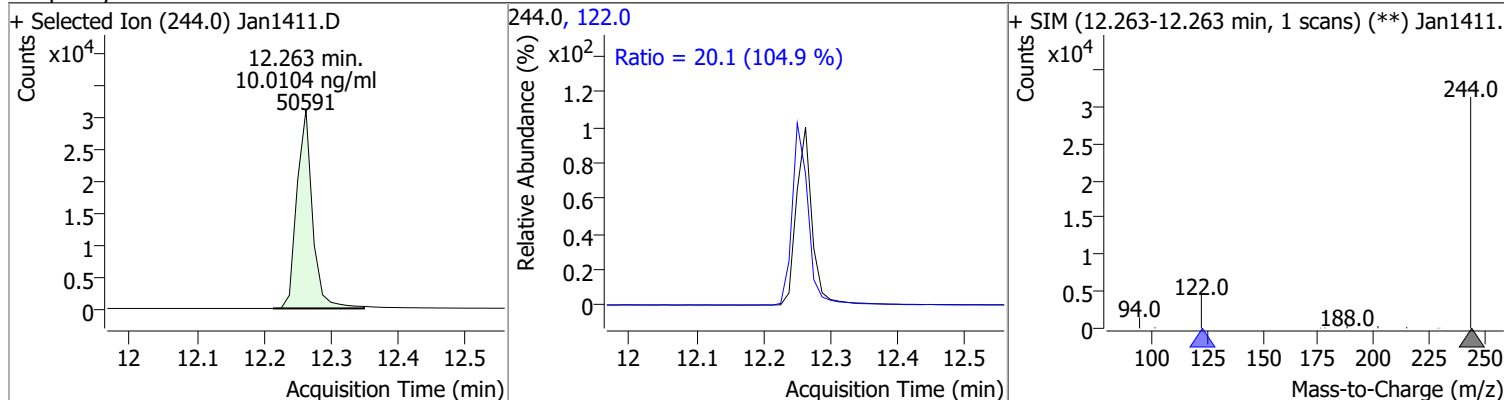
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	10.1863	11.41	0.00	123634	101.0	13.3	9.6	17.9



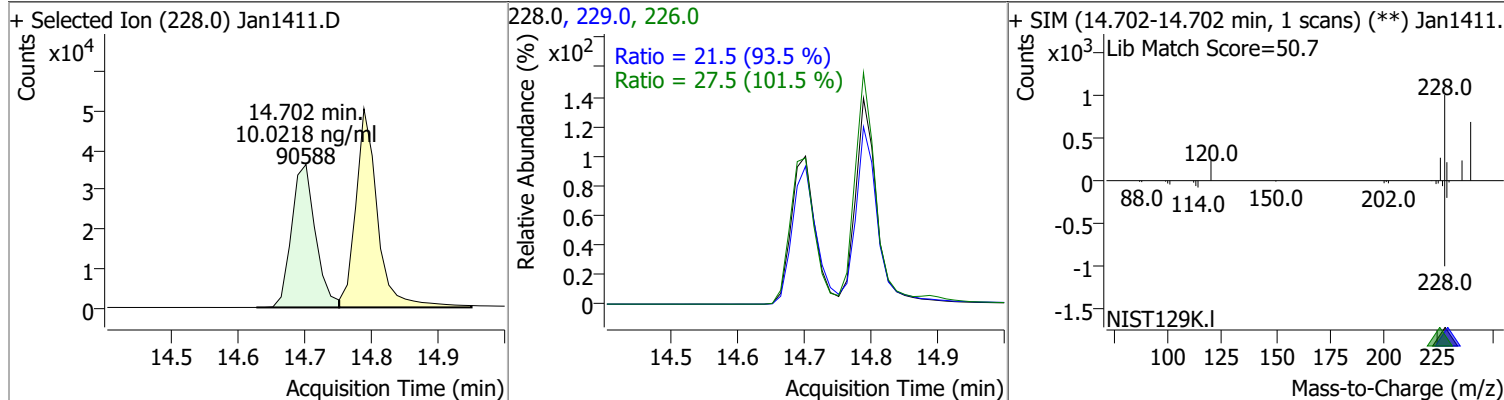
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	10.1796	11.79	0.00	135457	101.0	16.1	10.7	20.0



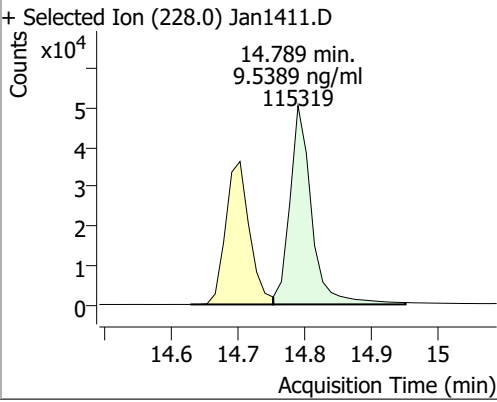
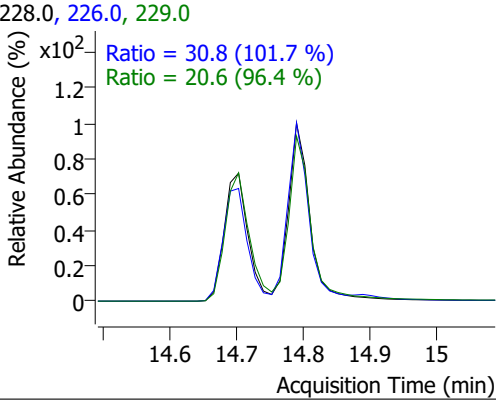
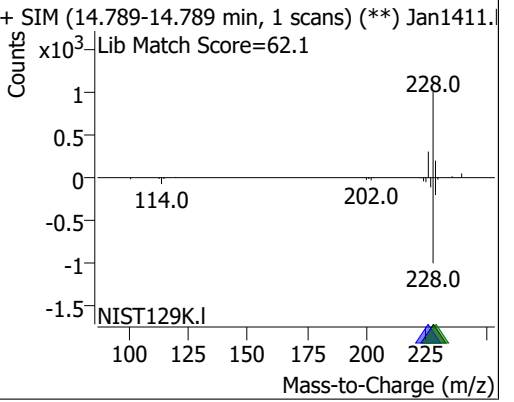
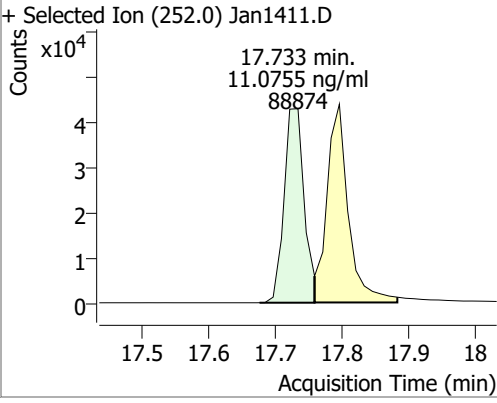
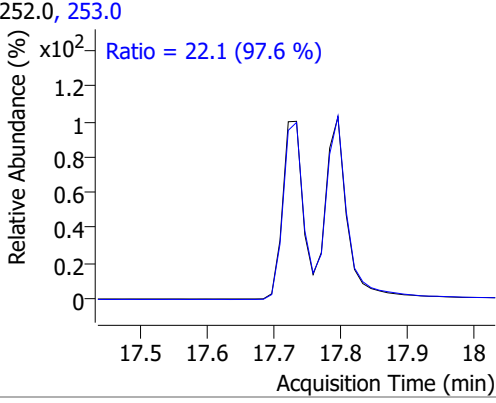
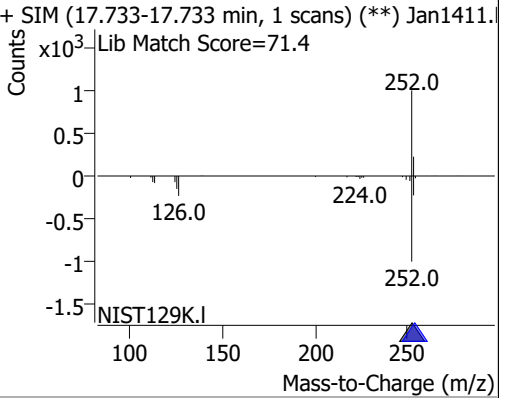
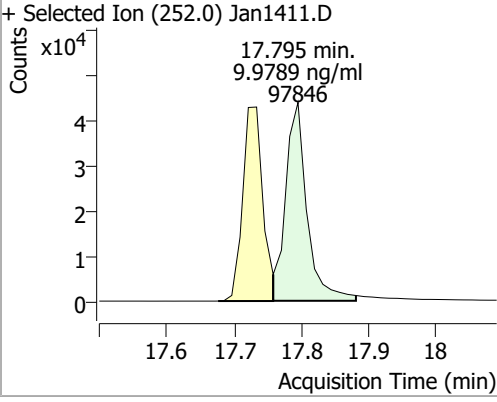
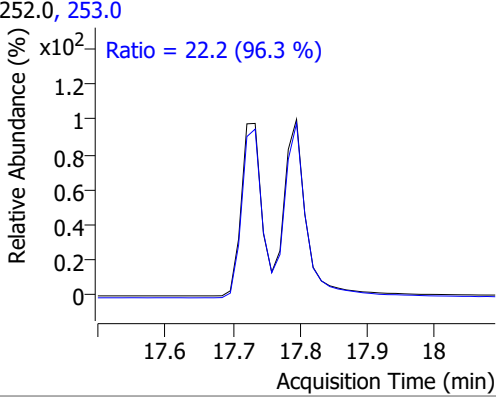
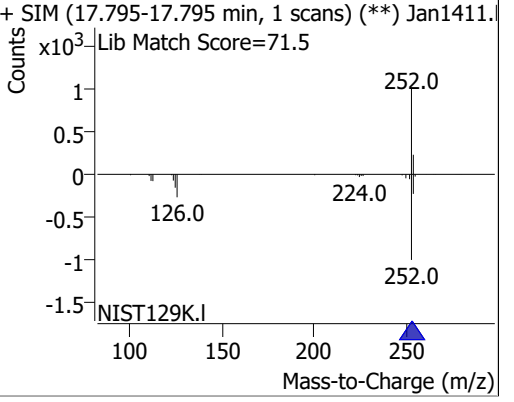
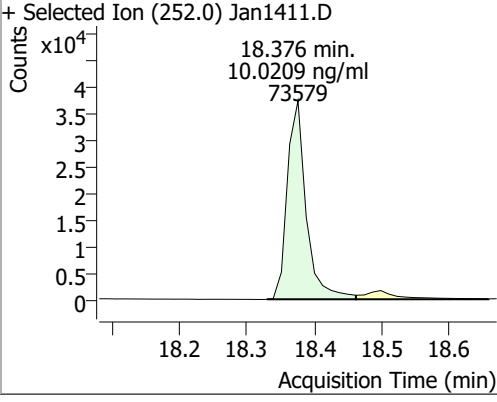
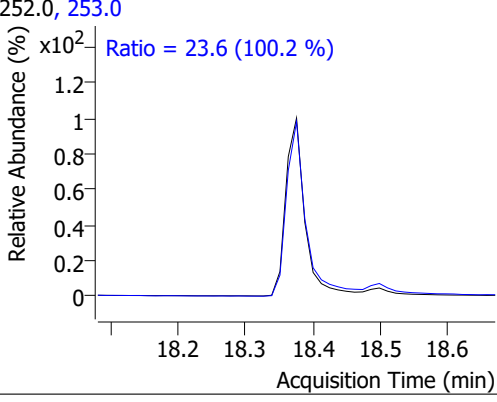
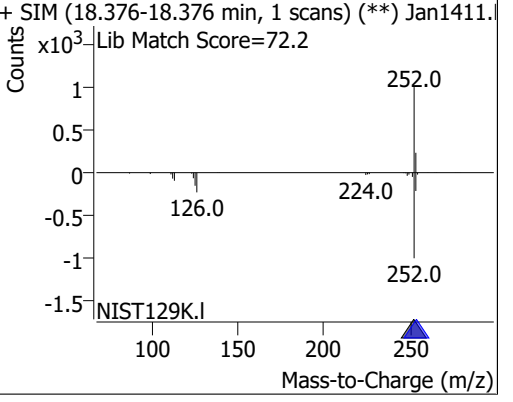
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	10.0104	12.26	0.00	50591	122.0	20.1	13.4	25.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	10.0218	14.70	0.00	90588	226.0	27.5	18.9	35.1
					229.0	21.5	16.1	29.9



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	9.5389	14.79	0.00	115319	226.0 229.0	30.8 20.6	21.2 15.0	39.4 27.8
+ Selected Ion (228.0) Jan1411.D 			228.0, 226.0, 229.0 			+ SIM (14.789-14.789 min, 1 scans) (**) Jan1411. Lib Match Score=62.1 		
Benzo(b)fluoranthene	11.0755	17.73	0.00	88874	253.0	22.1	15.8	29.4
+ Selected Ion (252.0) Jan1411.D 			252.0, 253.0 			+ SIM (17.733-17.733 min, 1 scans) (**) Jan1411. Lib Match Score=71.4 		
Benzo(k)fluoranthene	9.9789	17.80	0.00	97846	253.0	22.2	16.1	29.9
+ Selected Ion (252.0) Jan1411.D 			252.0, 253.0 			+ SIM (17.795-17.795 min, 1 scans) (**) Jan1411. Lib Match Score=71.5 		
Benzo(a)pyrene	10.0209	18.38	0.00	73579	253.0	23.6	16.5	30.6
+ Selected Ion (252.0) Jan1411.D 			252.0, 253.0 			+ SIM (18.376-18.376 min, 1 scans) (**) Jan1411. Lib Match Score=72.2 		

# Quantitation Results Report (QT Reviewed)

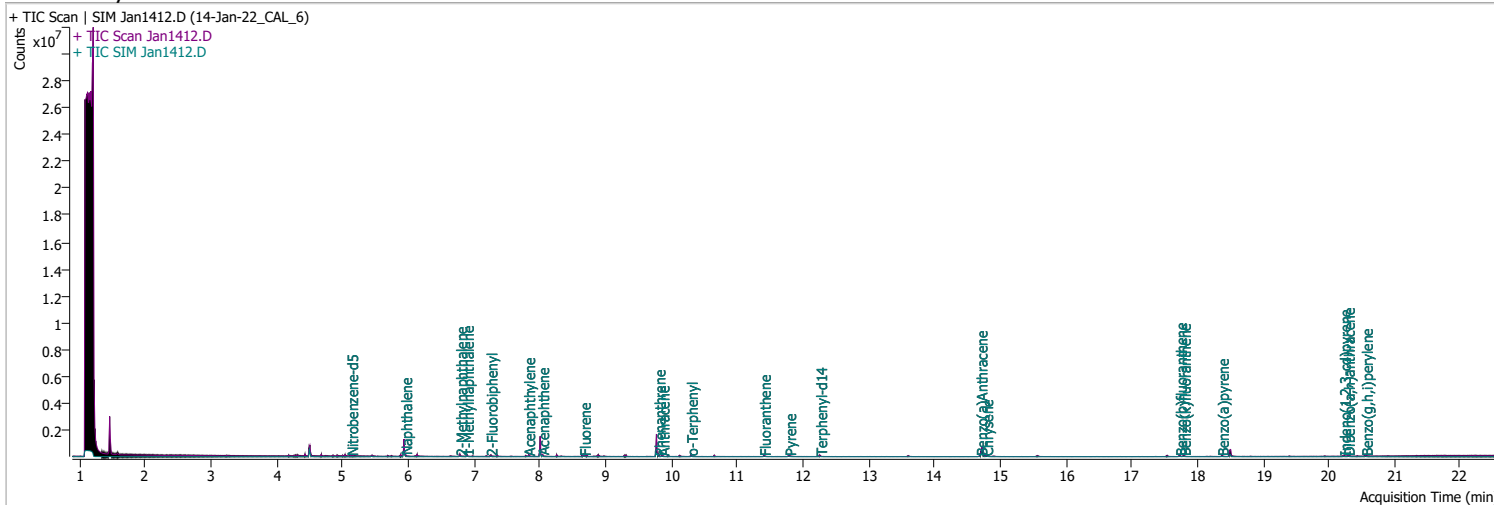
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	10.0052	20.23	0.00	70907	138.0	25.7	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1411.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 25.7 (88.8 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.229-20.229 min, 1 scans) (**) Jan1411.D</p> <p>Lib Match Score=79.3</p> </div> </div>								
Dibenzo(a,h)anthracene	10.9442	20.29	-0.01	77870	279.0	24.7	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan1411.D</p> </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 24.7 (98.5 %)</p> <p>Ratio = 20.9 (86.5 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.291-20.291 min, 1 scans) (**) Jan1411.D</p> <p>Lib Match Score=77.4</p> </div> </div>								
Benzo(g,h,i)perylene	10.0290	20.55	-0.01	97437	138.0	24.4	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1411.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 24.4 (87.2 %)</p> <p>Ratio = 22.7 (97.7 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.550-20.550 min, 1 scans) (**) Jan1411.D</p> <p>Lib Match Score=78.6</p> </div> </div>								



# Quantitation Results Report (QT Reviewed)

Data File	Jan1412.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/14/2022 5:14:49 PM
Sample Name	14-Jan-22_CAL_6	Instrument	GCMS
Vial	3	Multiplier	1.00
DA Method File		Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011422 bna SIM 2.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.497	152.0	183982	40.0000	ng/ml	0.000
M Naphthalene-d8	5.928	136.0	329771	40.0000	ng/ml	-0.012
M Acenaphthene-d10	8.001	164.0	173728	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.780	188.0	357137	40.0000	ng/ml	0.000
M Chrysene-d12	14.726	240.0	264474	40.0000	ng/ml	0.000
M Perylene-d12	18.499	264.0	174410	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.131	82.0	20380	5.0027	ng/ml	-0.012
Spiked Amount: 5.000		Range: 19.0 - 102.0%		Recovery = 100.05%		
S 2-Fluorobiphenyl	7.252	172.0	40190	4.8128	ng/ml	-0.012
Spiked Amount: 5.000		Range: 25.0 - 94.0%		Recovery = 96.26% *		
S o-Terphenyl	10.299	230.0	26874	4.6234	ng/ml	0.000
Spiked Amount: 5.000		Range: 40.0 - 140.0%		Recovery = 92.47%		
S Terphenyl-d14	12.263	244.0	24394	4.9627	ng/ml	0.000
Spiked Amount: 5.000		Range: 39.0 - 106.0%		Recovery = 99.25%		
<b>Target Compounds</b>						
T Naphthalene	5.953	128.0	54816	4.8046	ng/ml	95
T 2-Methylnaphthalene	6.790	141.0	29670	4.6594	ng/ml	95
T 1-Methylnaphthalene	6.890	141.0	30767	4.5812	ng/ml	99
T Acenaphthylene	7.826	152.0	52503	4.9314	ng/ml	98
T Acenaphthene	8.038	154.0	32065	4.7081	ng/ml	98
T Fluorene	8.674	166.0	37736	4.6828	ng/ml	99
T Phenanthrene	9.805	178.0	54828	4.9477	ng/ml	92
T Anthracene	9.867	178.0	49026	4.9466	ng/ml	100
T Fluoranthene	11.411	202.0	59011	4.8719	ng/ml	98
T Pyrene	11.794	202.0	61779	4.6369	ng/ml	96
T Benzo(a)Anthracene	14.702	228.0	41708	4.9317	ng/ml	99
T Chrysene	14.789	228.0	55864	4.6151	ng/ml	100
T Benzo(b)fluoranthene	17.733	252.0	39707	5.0532	ng/ml	99

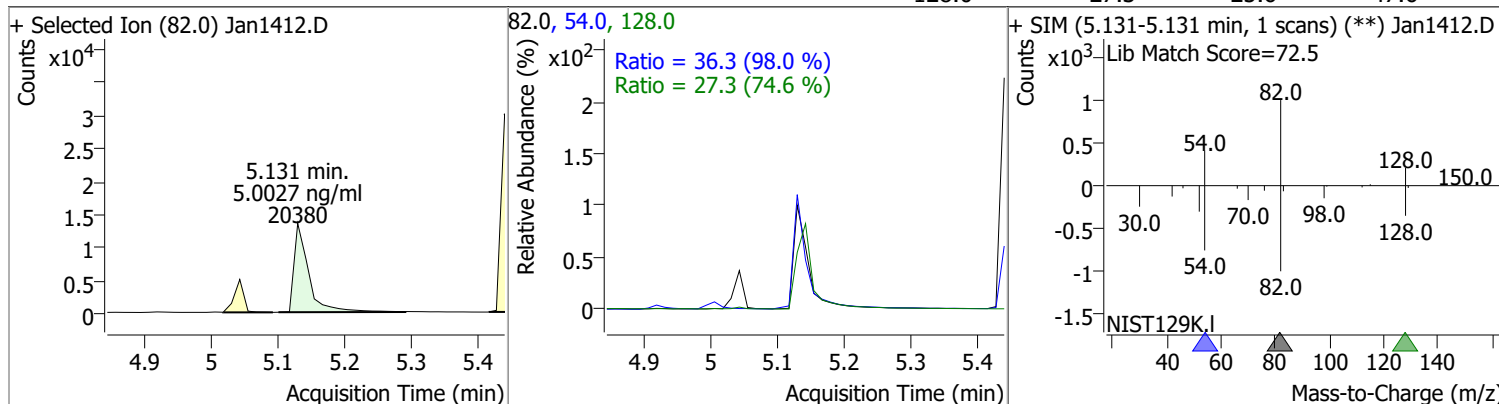
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.795	252.0	46472	5.0530	ng/ml	99
T Benzo(a)pyrene	18.376	252.0	31631	4.9389	ng/ml	98
T Indeno(1,2,3-cd)pyrene	20.229	276.0	30611	4.9716	ng/ml	99
T Dibenzo(a,h)anthracene	20.291	278.0	35101	5.0378	ng/ml	97
T Benzo(g,h,i)perylene	20.563	276.0	42846	4.9176	ng/ml	98

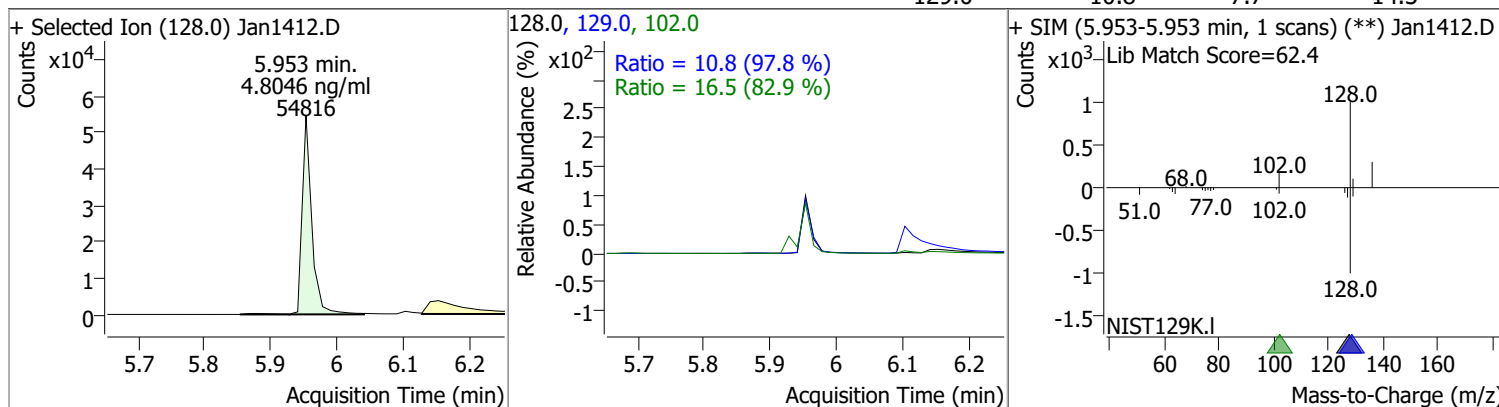
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

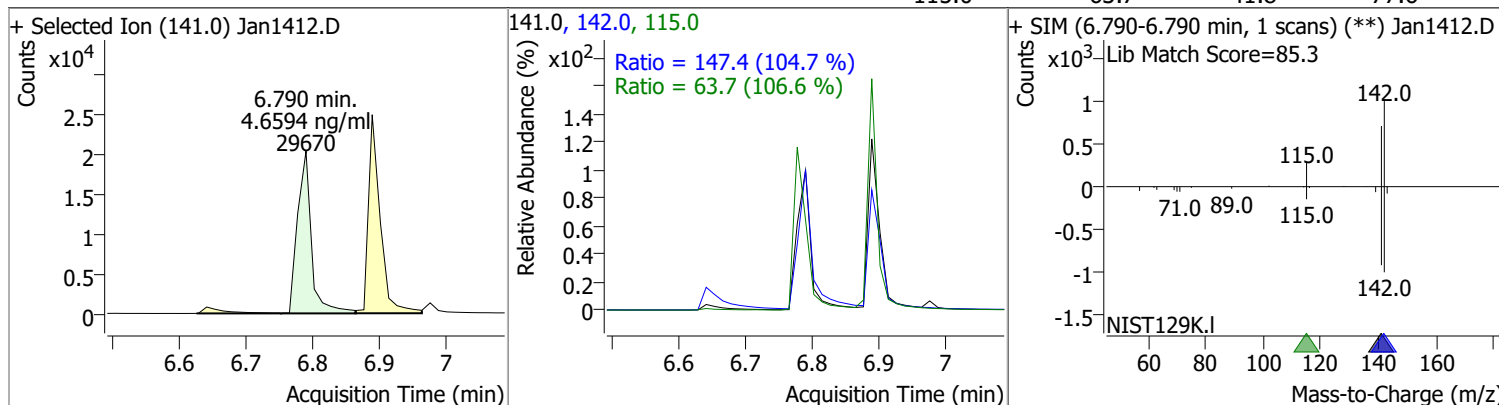
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	5.0027	5.13	-0.01	20380	54.0	36.3	25.9	48.1
					128.0	27.3	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	4.8046	5.95	0.00	54816	102.0	16.5	0.0	59.6
					129.0	10.8	7.7	14.3

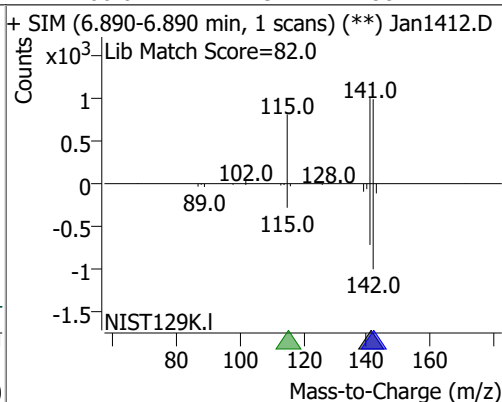
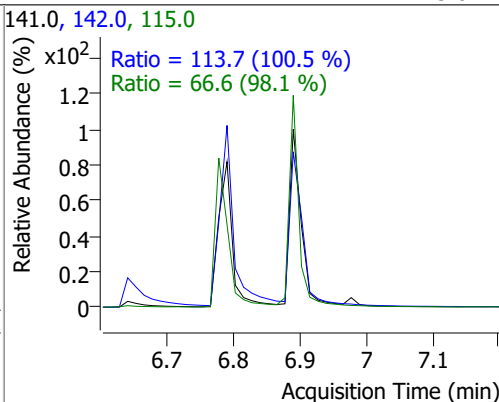
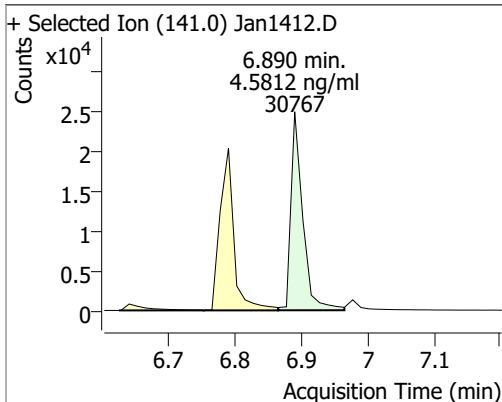


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	4.6594	6.79	0.00	29670	142.0	147.4	98.5	183.0
					115.0	63.7	41.8	77.6

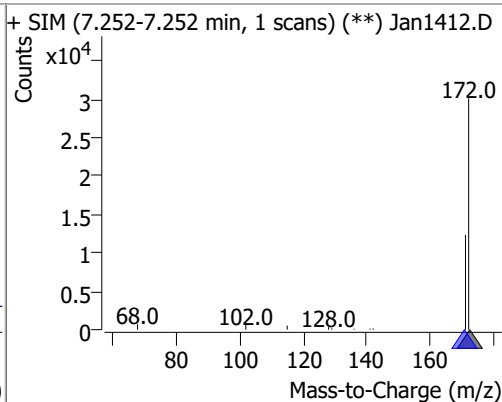
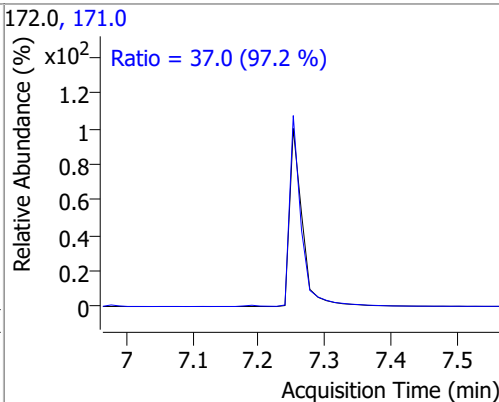
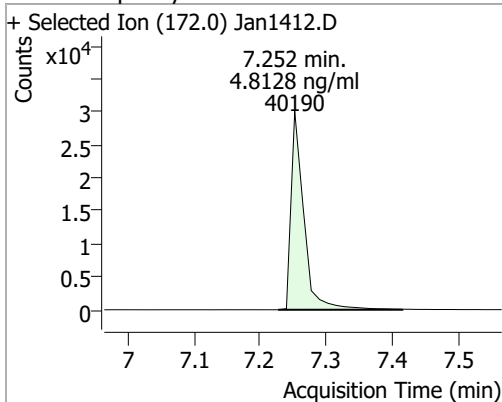


# Quantitation Results Report (QT Reviewed)

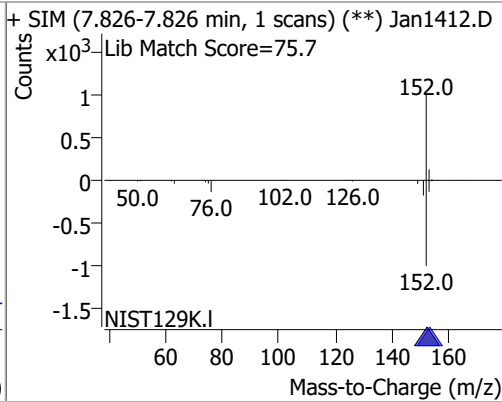
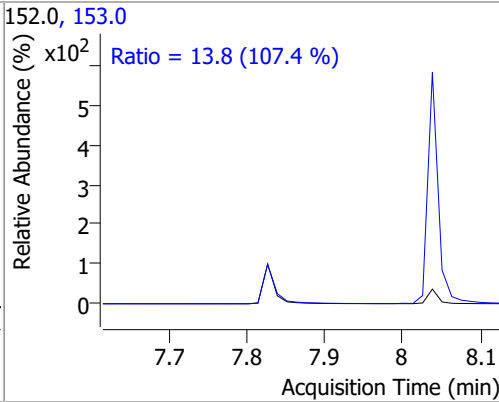
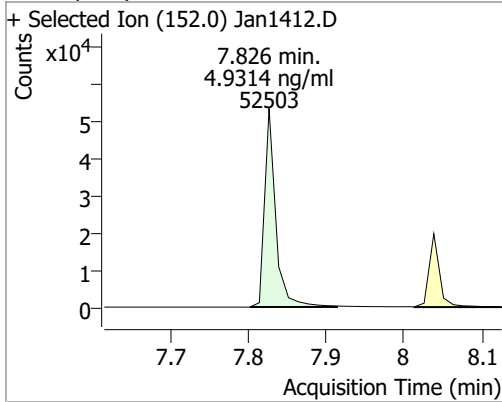
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	4.5812	6.89	-0.01	30767	142.0	113.7	79.2	147.1
					115.0	66.6	47.5	88.2



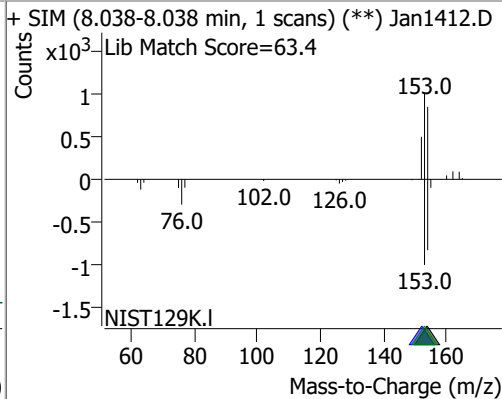
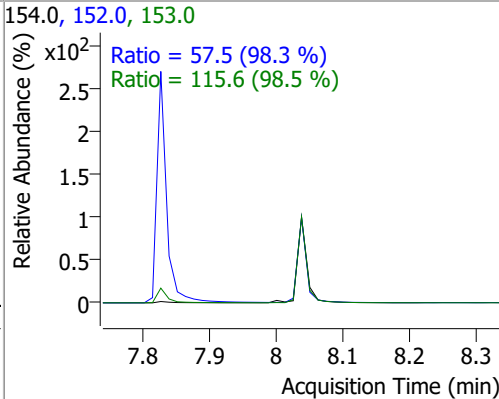
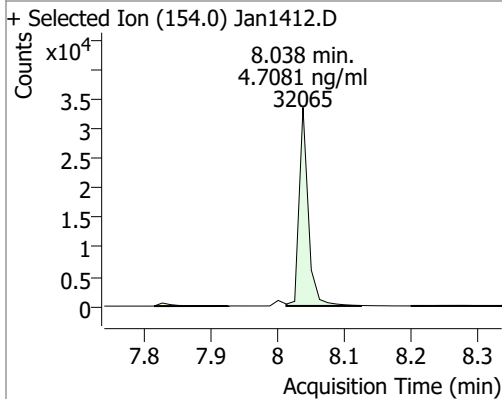
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	4.8128	7.25	-0.01	40190	171.0	37.0	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	4.9314	7.83	0.00	52503	153.0	13.8	9.0	16.6

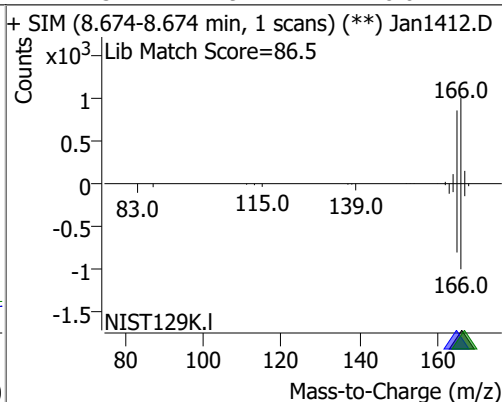
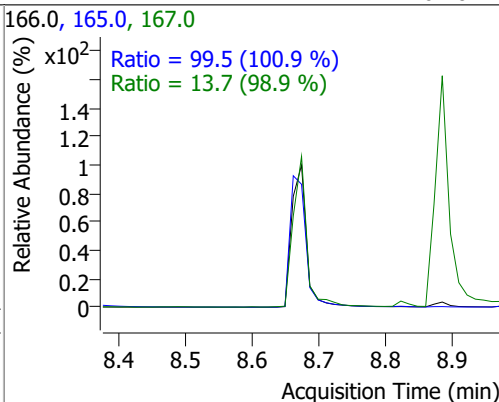
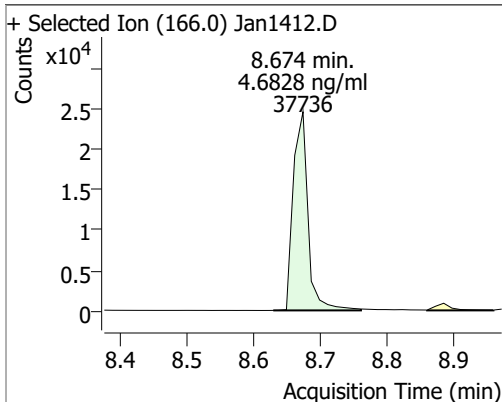


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	4.7081	8.04	0.00	32065	153.0	115.6	82.1	152.6
					152.0	57.5	41.0	76.1

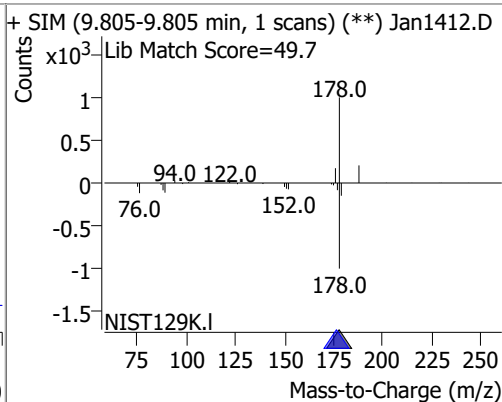
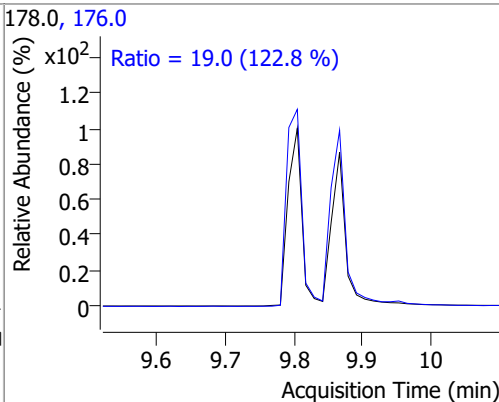
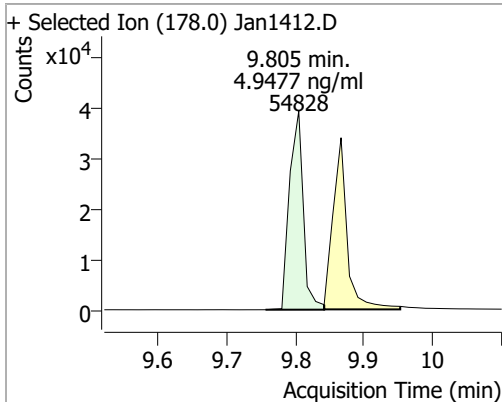


# Quantitation Results Report (QT Reviewed)

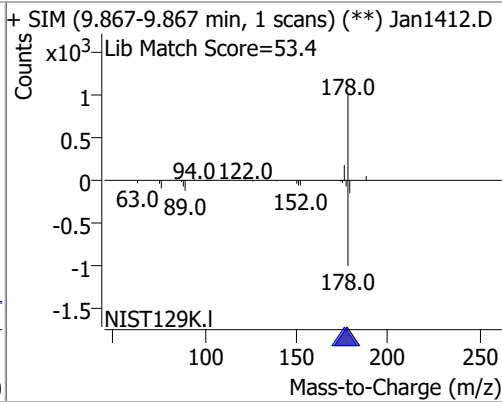
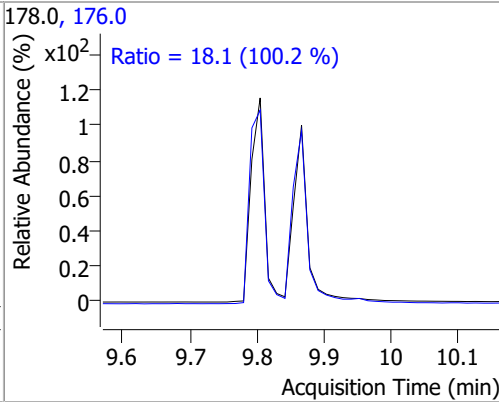
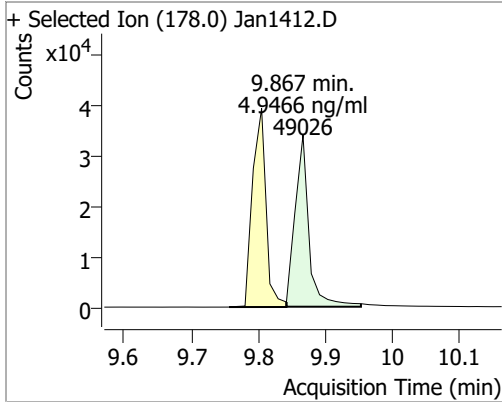
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	4.6828	8.67	0.00	37736	165.0	99.5	69.1	128.3
					167.0	13.7	9.7	18.0



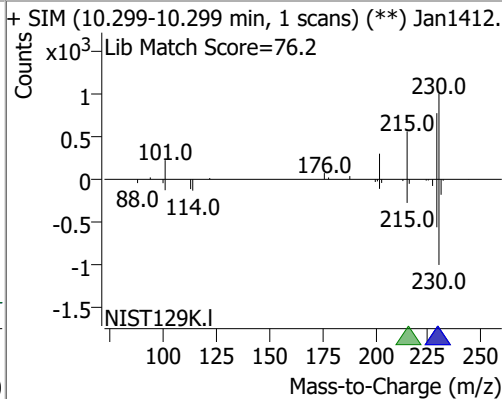
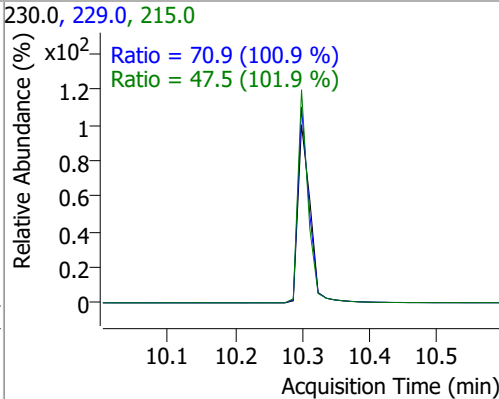
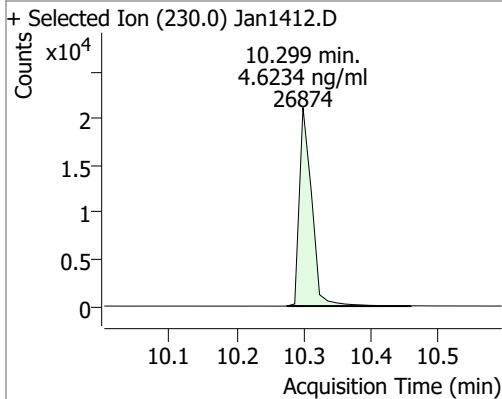
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.9477	9.81	0.00	54828	176.0	19.0	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.9466	9.87	0.00	49026	176.0	18.1	12.7	23.5

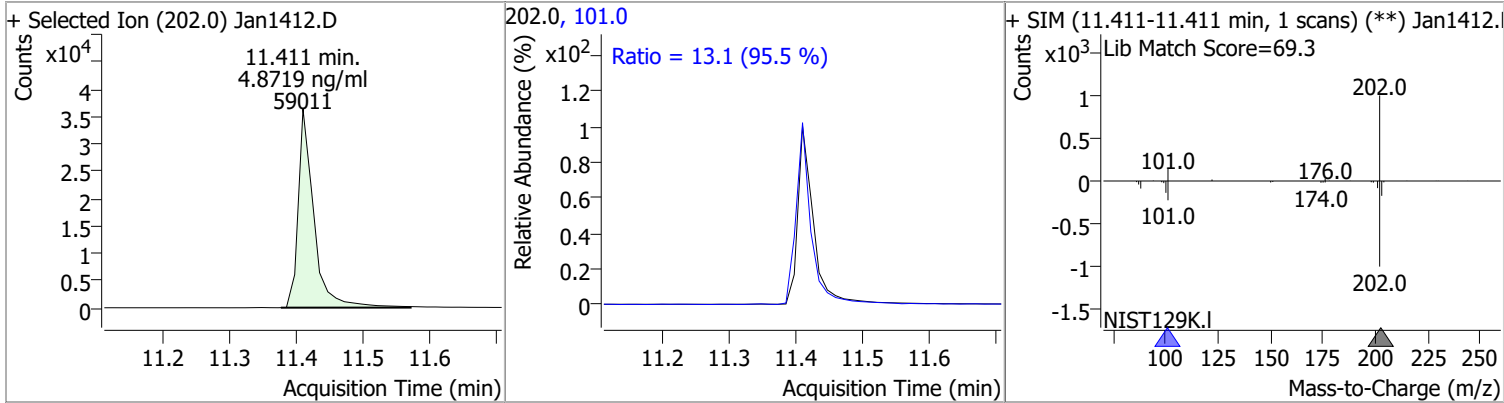


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.6234	10.30	0.00	26874	229.0	70.9	49.2	91.3
					215.0	47.5	32.7	60.7

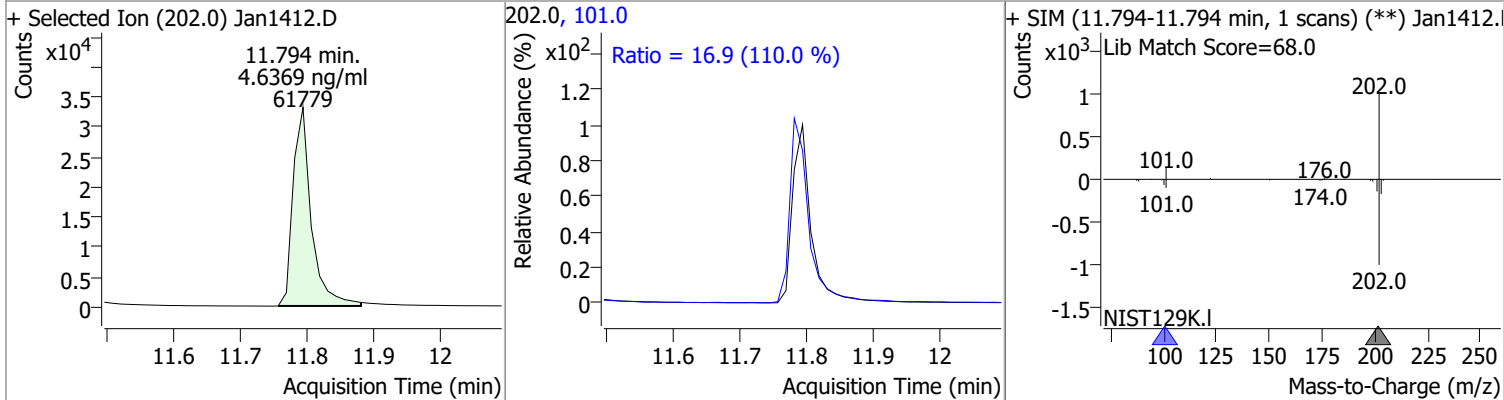


# Quantitation Results Report (QT Reviewed)

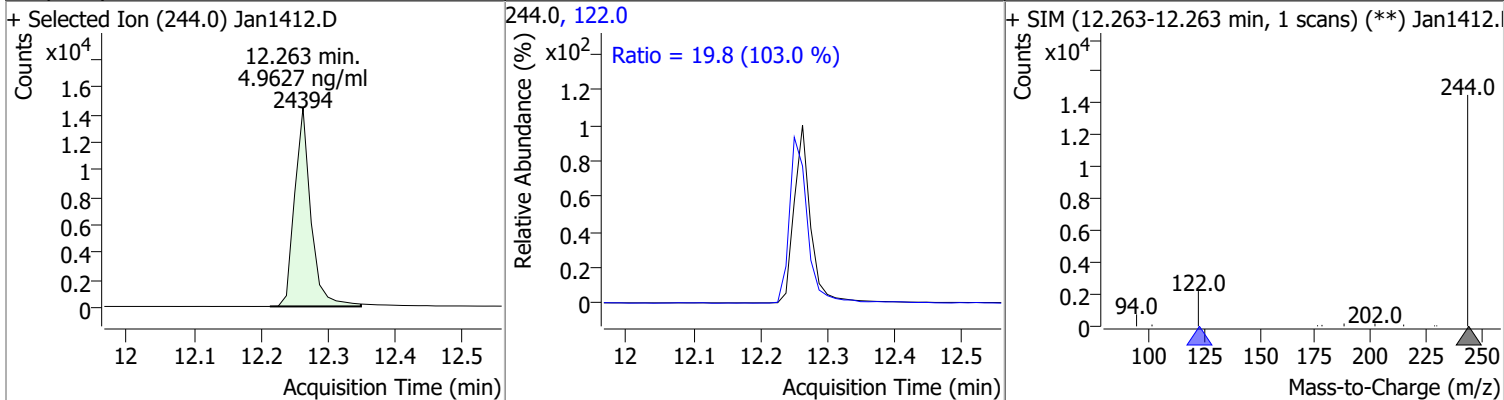
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.8719	11.41	0.00	59011	101.0	13.1	9.6	17.9



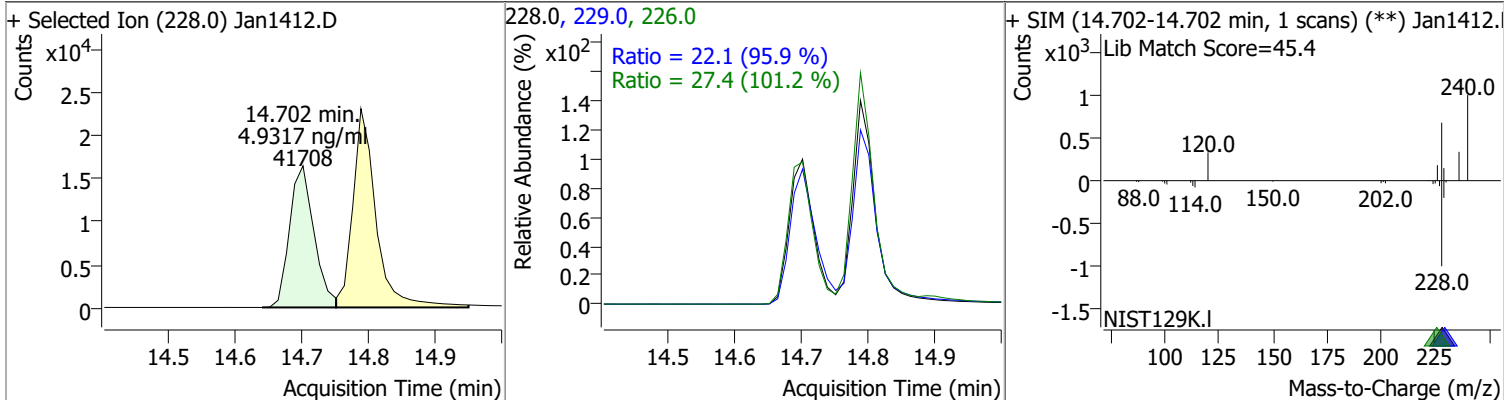
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.6369	11.79	0.00	61779	101.0	16.9	10.7	20.0



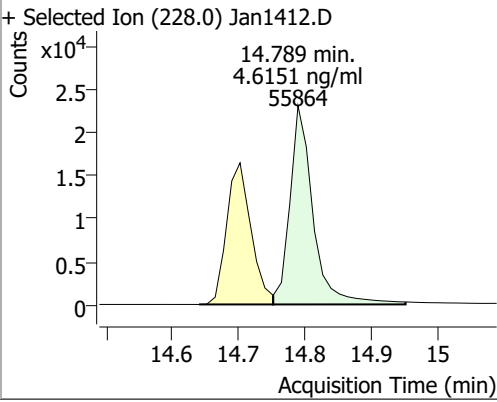
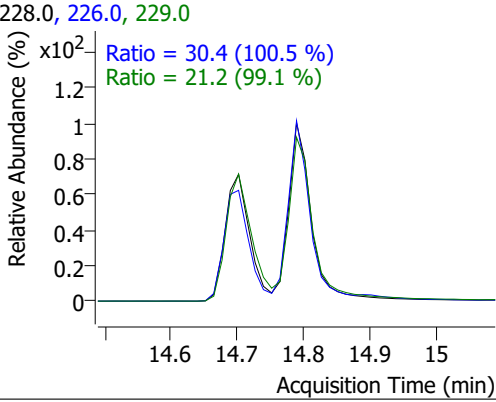
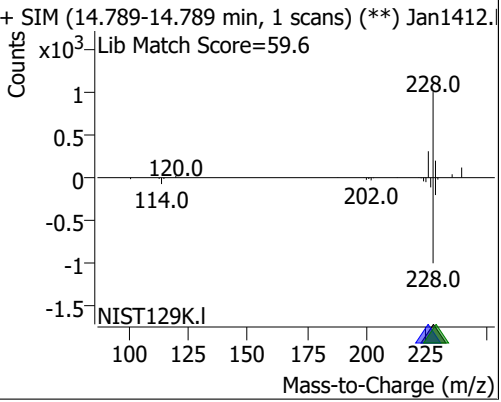
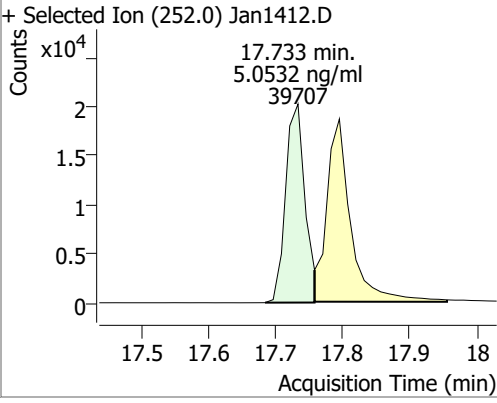
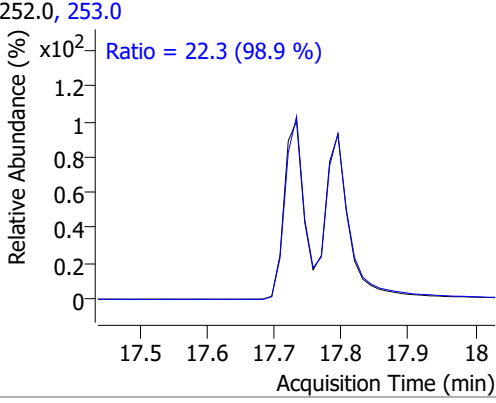
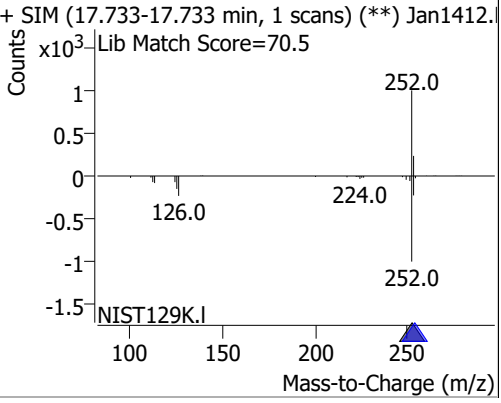
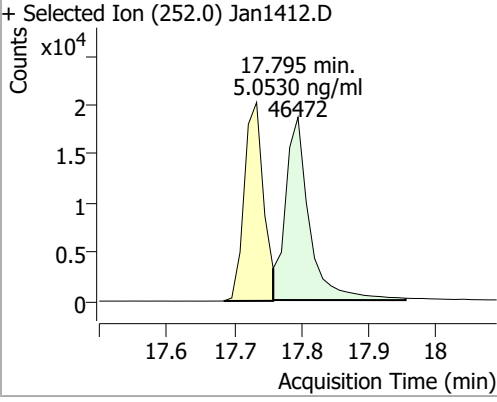
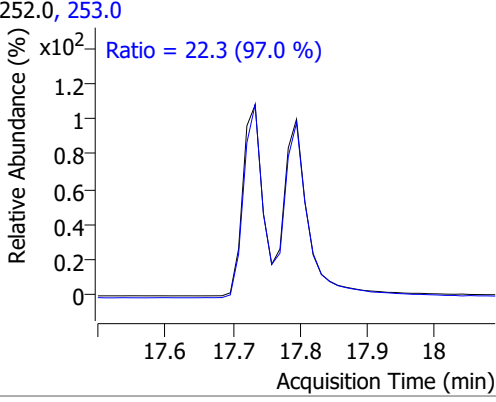
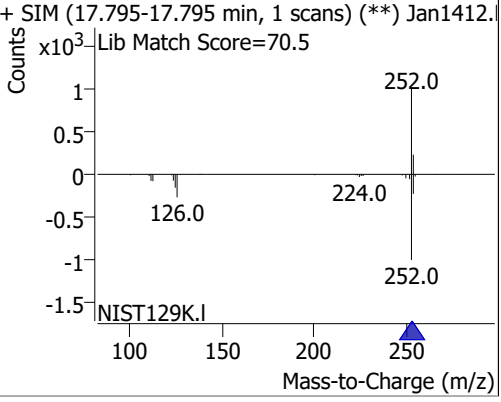
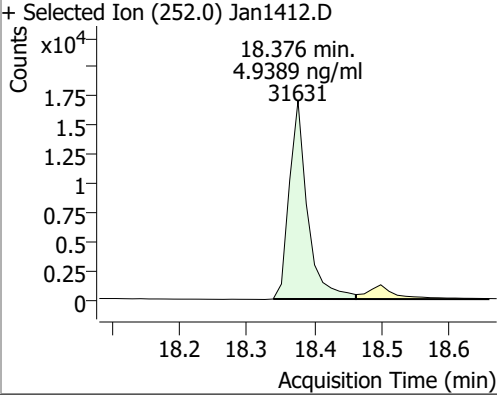
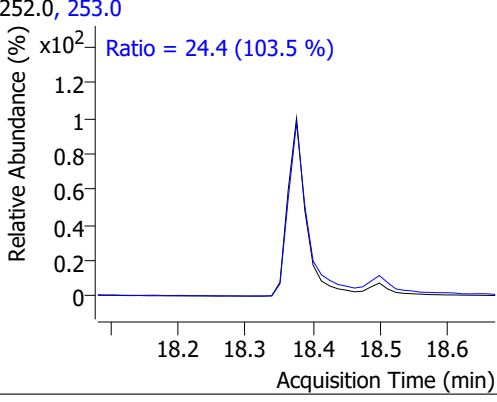
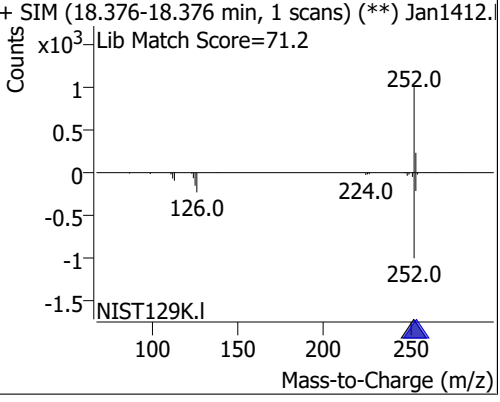
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	4.9627	12.26	0.00	24394	122.0	19.8	13.4	25.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	4.9317	14.70	0.00	41708	226.0	27.4	18.9	35.1
					229.0	22.1	16.1	29.9



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	4.6151	14.79	0.00	55864	226.0 229.0	30.4 21.2	21.2 15.0	39.4 27.8
+ Selected Ion (228.0) Jan1412.D 			228.0, 226.0, 229.0 			+ SIM (14.789-14.789 min, 1 scans) (**) Jan1412. Lib Match Score=59.6 		
Benzo(b)fluoranthene	5.0532	17.73	0.00	39707	253.0	22.3	15.8	29.4
+ Selected Ion (252.0) Jan1412.D 			252.0, 253.0 			+ SIM (17.733-17.733 min, 1 scans) (**) Jan1412. Lib Match Score=70.5 		
Benzo(k)fluoranthene	5.0530	17.80	0.00	46472	253.0	22.3	16.1	29.9
+ Selected Ion (252.0) Jan1412.D 			252.0, 253.0 			+ SIM (17.795-17.795 min, 1 scans) (**) Jan1412. Lib Match Score=70.5 		
Benzo(a)pyrene	4.9389	18.38	0.00	31631	253.0	24.4	16.5	30.6
+ Selected Ion (252.0) Jan1412.D 			252.0, 253.0 			+ SIM (18.376-18.376 min, 1 scans) (**) Jan1412. Lib Match Score=71.2 		

# Quantitation Results Report (QT Reviewed)

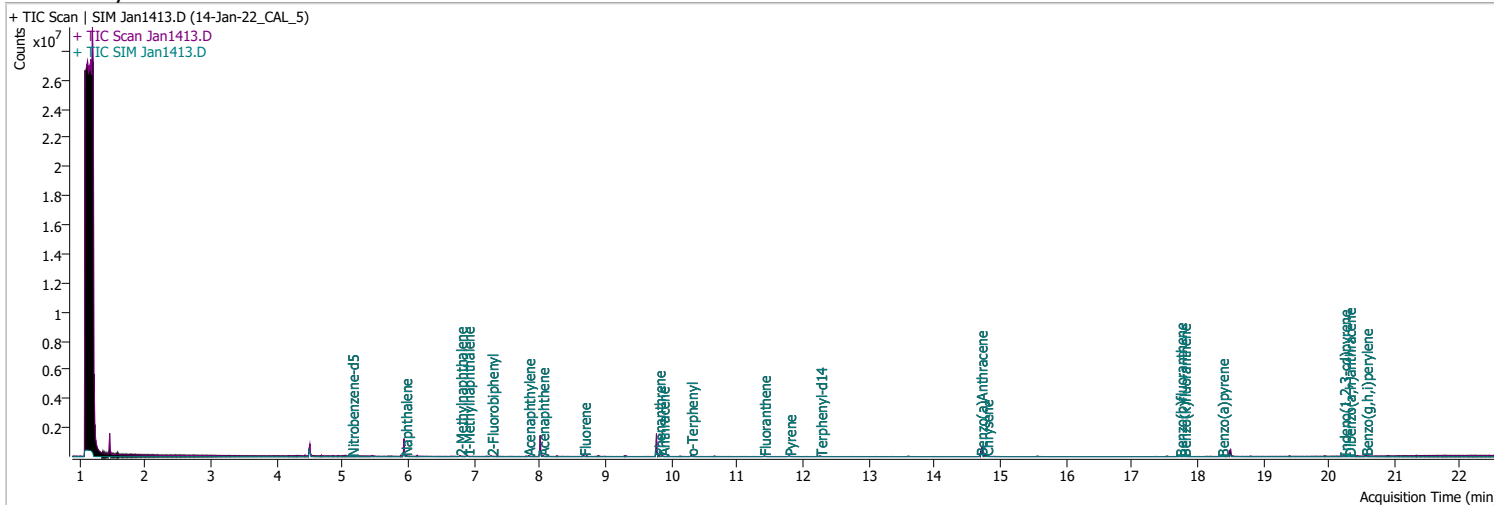
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	4.9716	20.23	0.00	30611	138.0	28.5	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1412.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 28.5 (98.4 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.229-20.229 min, 1 scans) (**) Jan1412.</p> <p>Lib Match Score=78.3</p> </div> </div>								
Dibenzo(a,h)anthracene	5.0378	20.29	-0.01	35101	279.0	24.9	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan1412.D</p> </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 24.9 (99.0 %)</p> <p>Ratio = 20.9 (86.8 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.291-20.291 min, 1 scans) (**) Jan1412.</p> <p>Lib Match Score=76.3</p> </div> </div>								
Benzo(g,h,i)perylene	4.9176	20.56	0.00	42846	138.0	27.0	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1412.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 27.0 (96.1 %)</p> <p>Ratio = 24.3 (104.7 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.563-20.563 min, 1 scans) (**) Jan1412.</p> <p>Lib Match Score=78.3</p> </div> </div>								



# Quantitation Results Report (QT Reviewed)

Data File	Jan1413.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/14/2022 5:47:16 PM
Sample Name	14-Jan-22_CAL_5	Instrument	GCMS
Vial	4	Multiplier	1.00
DA Method File		Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011422 bna SIM 2.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.497	152.0	173466	40.0000	ng/ml	0.000
M Naphthalene-d8	5.941	136.0	320346	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.000	164.0	171827	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.780	188.0	351005	40.0000	ng/ml	0.000
M Chrysene-d12	14.726	240.0	261208	40.0000	ng/ml	0.000
M Perylene-d12	18.499	264.0	172756	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.143	82.0	6699	2.0174	ng/ml	0.000
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 40.35%		
S 2-Fluorobiphenyl	7.264	172.0	15824	1.9159	ng/ml	0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 38.32%		
S o-Terphenyl	10.299	230.0	11182	1.9574	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 39.15%		*
S Terphenyl-d14	12.263	244.0	9861	2.0507	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 41.01%		
<b>Target Compounds</b>						
T Naphthalene	5.953	128.0	21057	1.8999	ng/ml	100
T 2-Methylnaphthalene	6.790	141.0	12288	1.9865	ng/ml	100
T 1-Methylnaphthalene	6.902	141.0	12079	1.8514	ng/ml	100
T Acenaphthylene	7.826	152.0	20005	1.8998	ng/ml	100
T Acenaphthene	8.038	154.0	12902	1.9154	ng/ml	100
T Fluorene	8.673	166.0	15350	1.9259	ng/ml	100
T Phenanthrene	9.805	178.0	22214	2.0509	ng/ml	100
T Anthracene	9.867	178.0	19299	2.0396	ng/ml	100
T Fluoranthene	11.411	202.0	22779	1.9135	ng/ml	100
T Pyrene	11.794	202.0	26098	1.9833	ng/ml	100
T Benzo(a)Anthracene	14.701	228.0	17008	2.0469	ng/ml	100
T Chrysene	14.789	228.0	22814	1.9083	ng/ml	100
T Benzo(b)fluoranthene	17.733	252.0	15738	2.0220	ng/ml	100

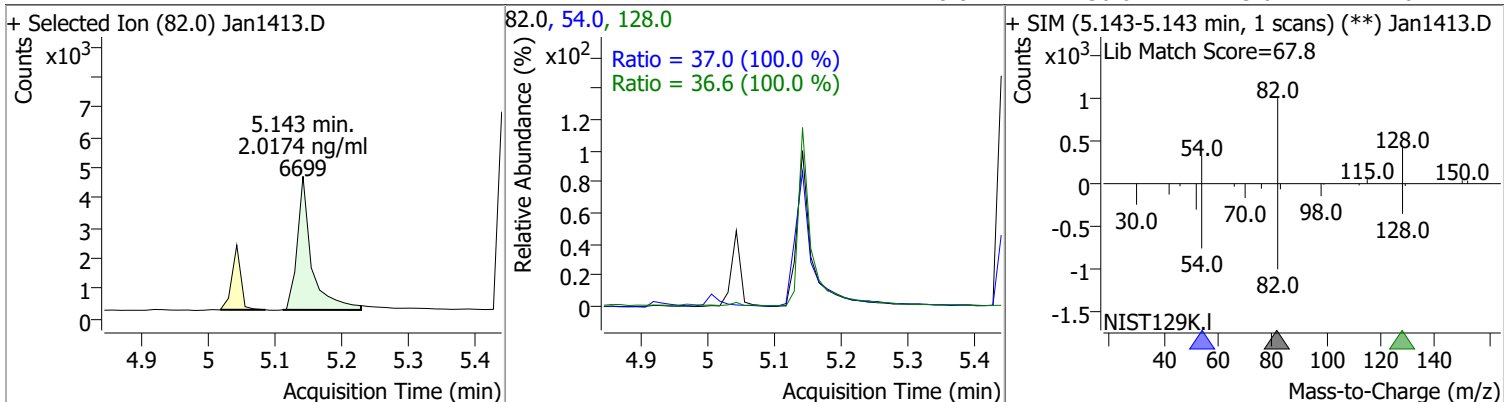
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.795	252.0	17813	2.0045	ng/ml	100
T Benzo(a)pyrene	18.376	252.0	11949	2.0173	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.229	276.0	11640	2.0564	ng/ml	100
T Dibenzo(a,h)anthracene	20.303	278.0	12569	1.8212	ng/ml	100
T Benzo(g,h,i)perylene	20.563	276.0	16676	2.0267	ng/ml m	100

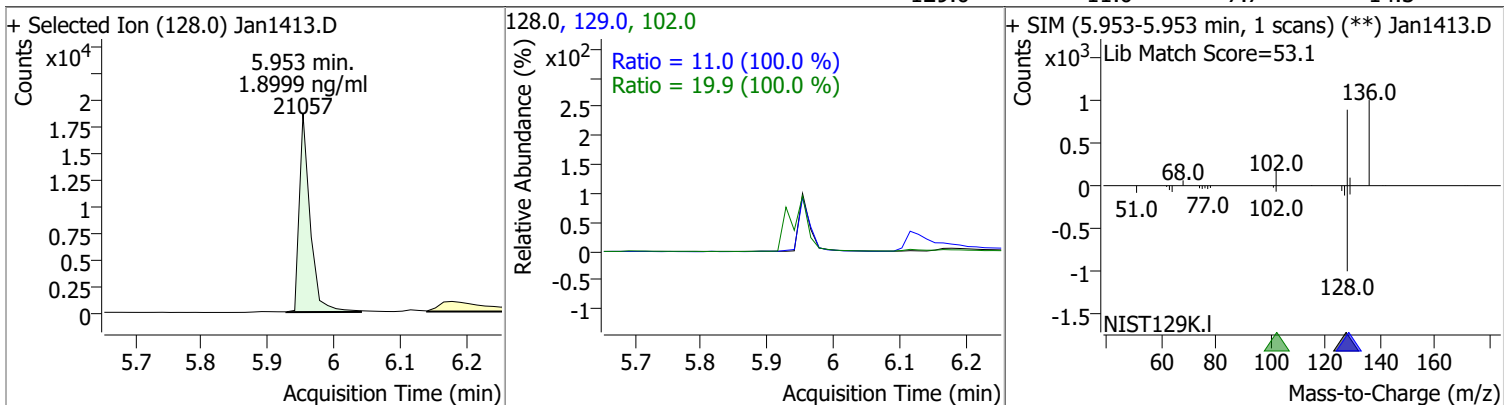
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

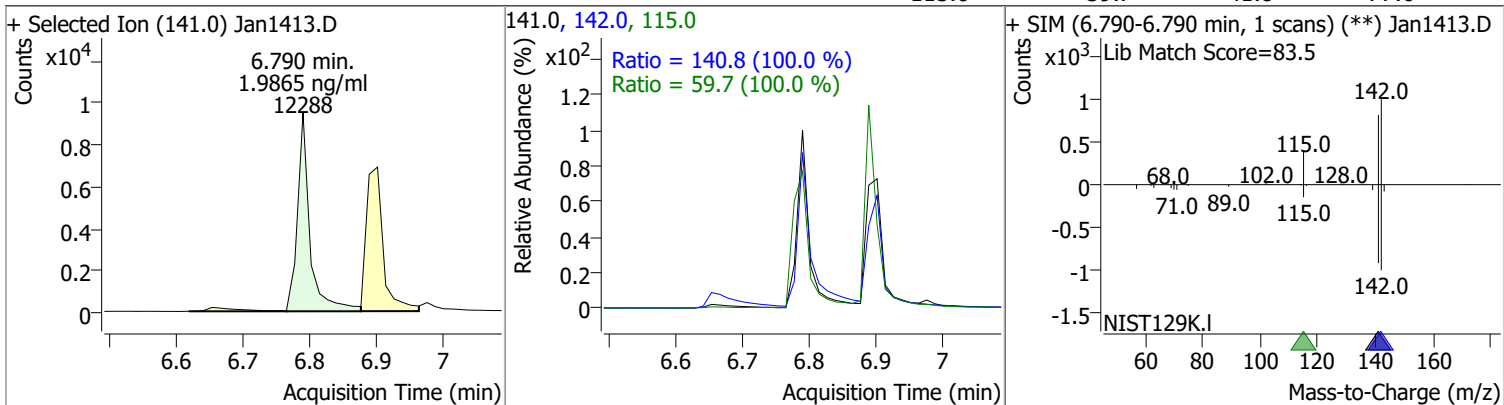
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	2.0174	5.14	0.00	6699	54.0	37.0	25.9	48.1
					128.0	36.6	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	1.8999	5.95	0.00	21057	102.0	19.9	0.0	59.6
					129.0	11.0	7.7	14.3

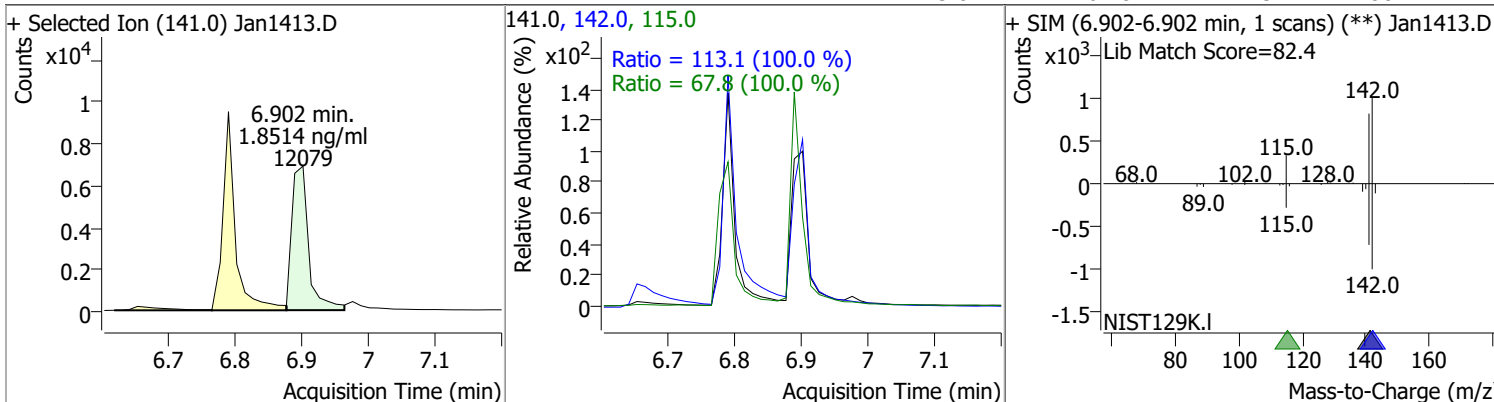


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	1.9865	6.79	0.00	12288	142.0	140.8	98.5	183.0
					115.0	59.7	41.8	77.6

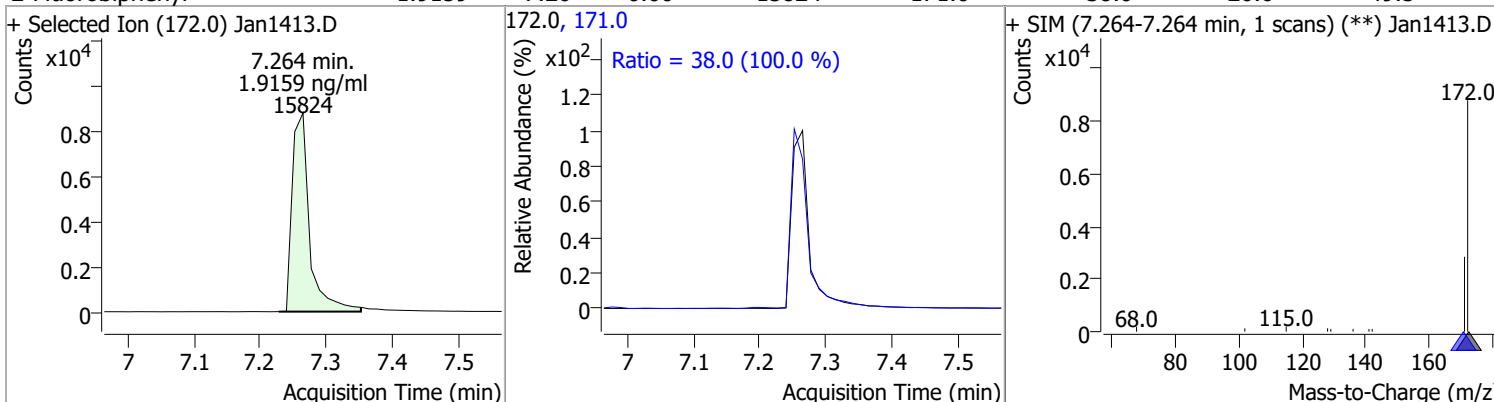


# Quantitation Results Report (QT Reviewed)

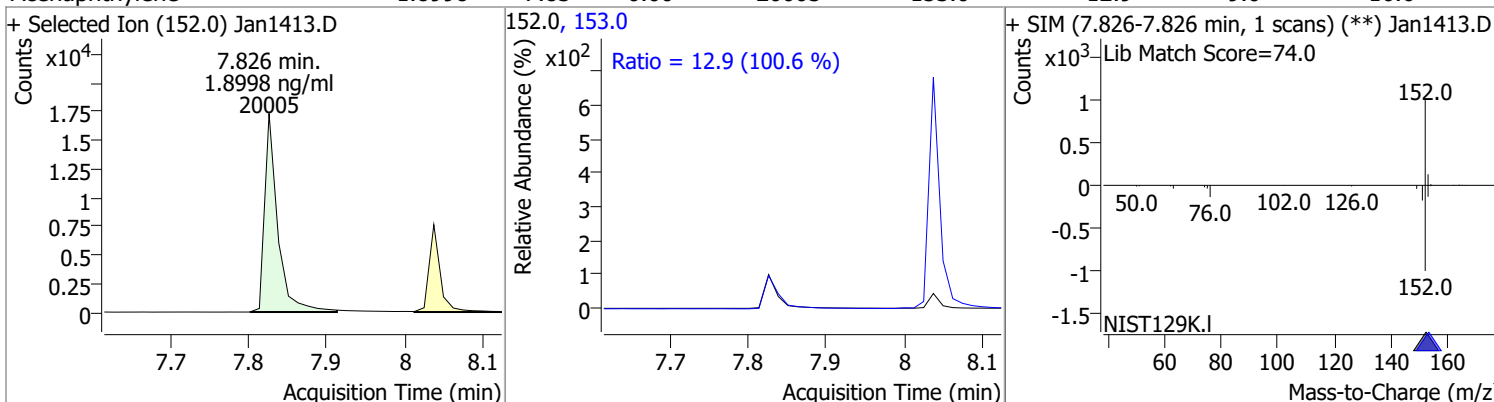
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	1.8514	6.90	0.00	12079	142.0	113.1	79.2	147.1
					115.0	67.8	47.5	88.2



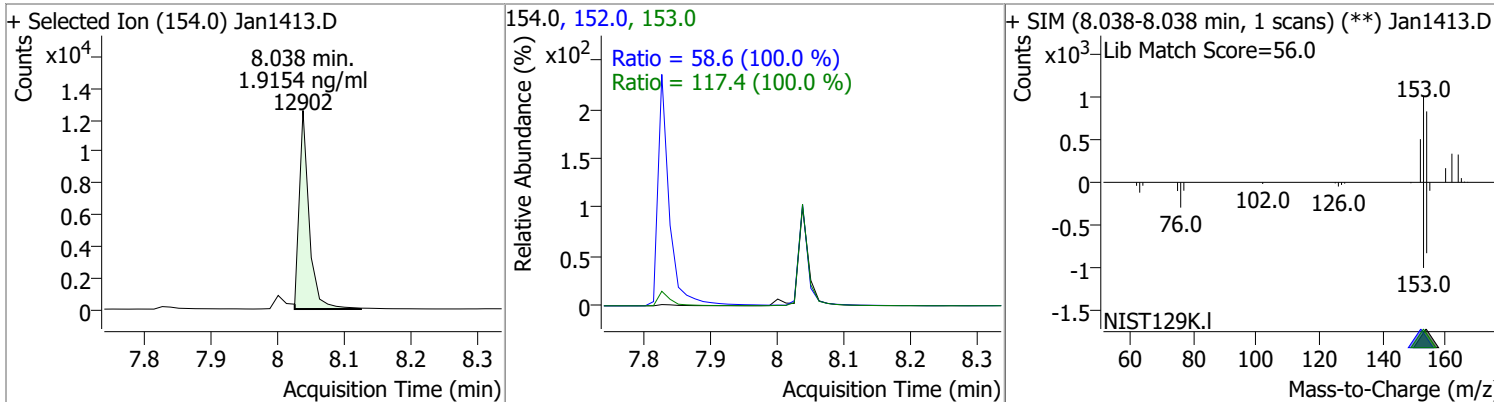
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	1.9159	7.26	0.00	15824	171.0	38.0	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	1.8998	7.83	0.00	20005	153.0	12.9	9.0	16.6

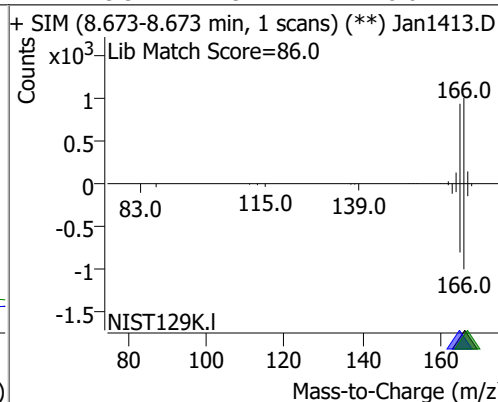
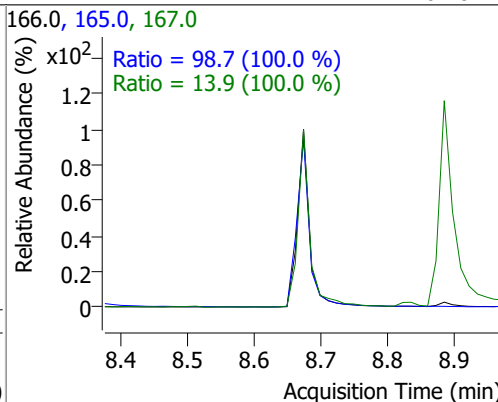
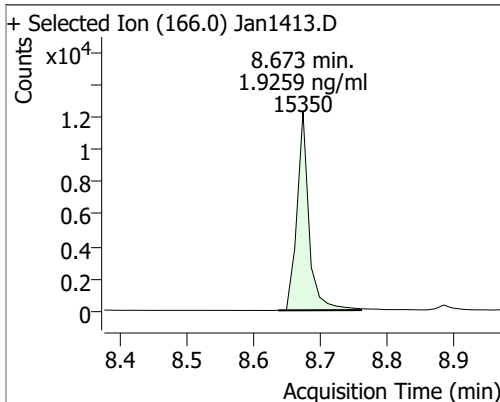


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	1.9154	8.04	0.00	12902	153.0	117.4	82.1	152.6
					152.0	58.6	41.0	76.1

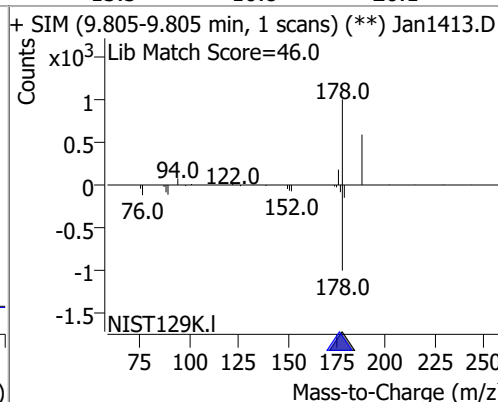
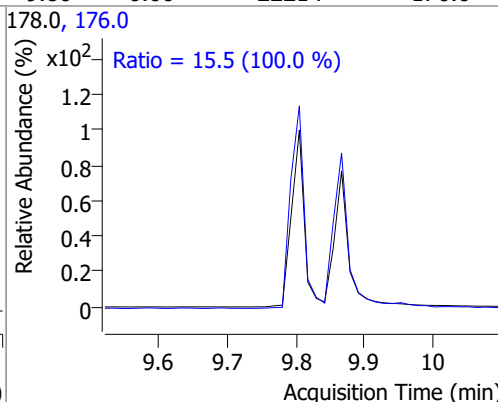
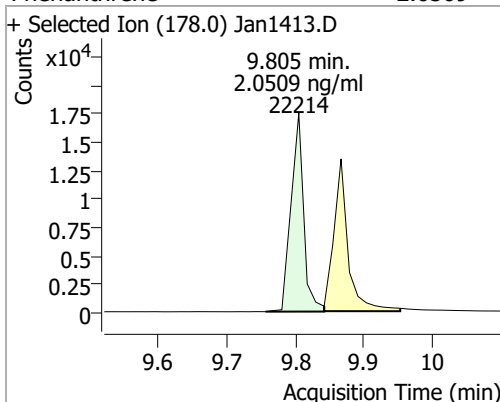


# Quantitation Results Report (QT Reviewed)

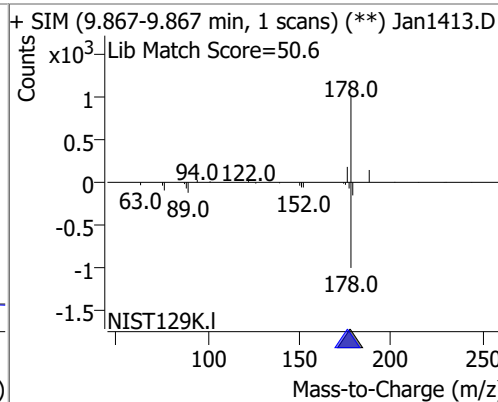
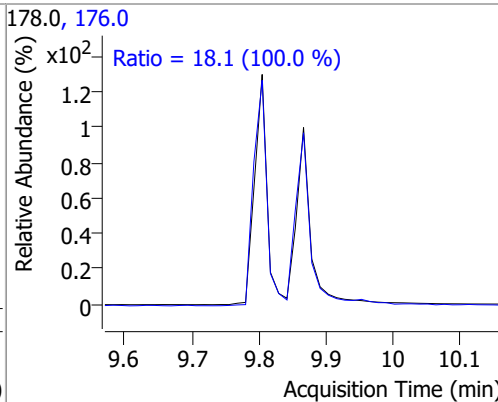
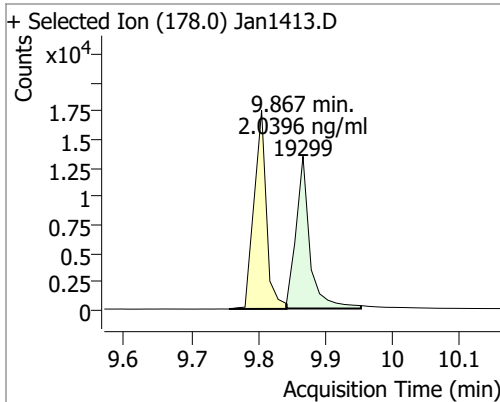
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	1.9259	8.67	0.00	15350	165.0	98.7	69.1	128.3
					167.0	13.9	9.7	18.0



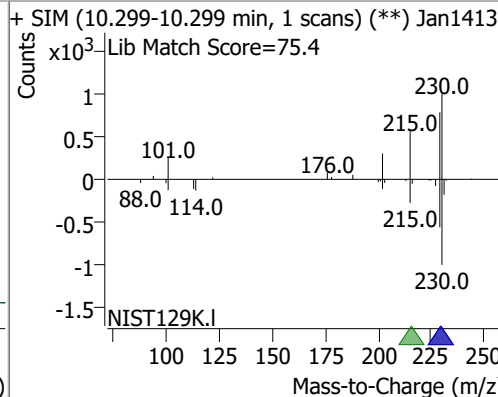
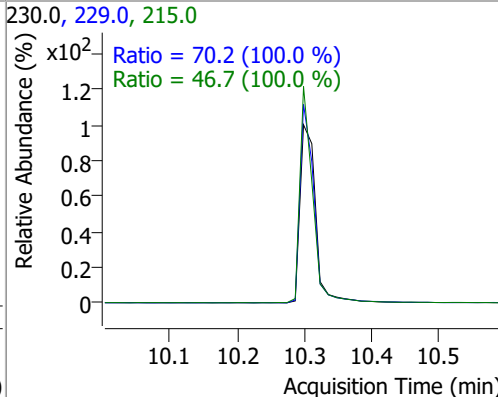
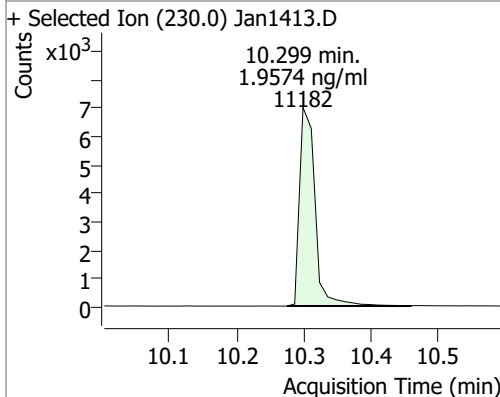
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	2.0509	9.80	0.00	22214	176.0	15.5	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	2.0396	9.87	0.00	19299	176.0	18.1	12.7	23.5

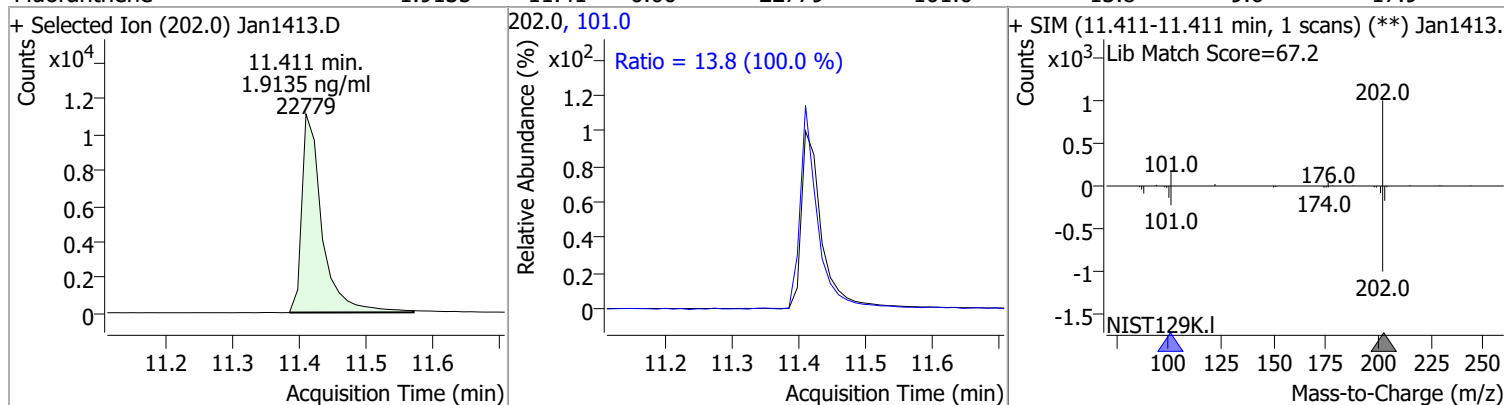


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	1.9574	10.30	0.00	11182	229.0	70.2	49.2	91.3
					215.0	46.7	32.7	60.7

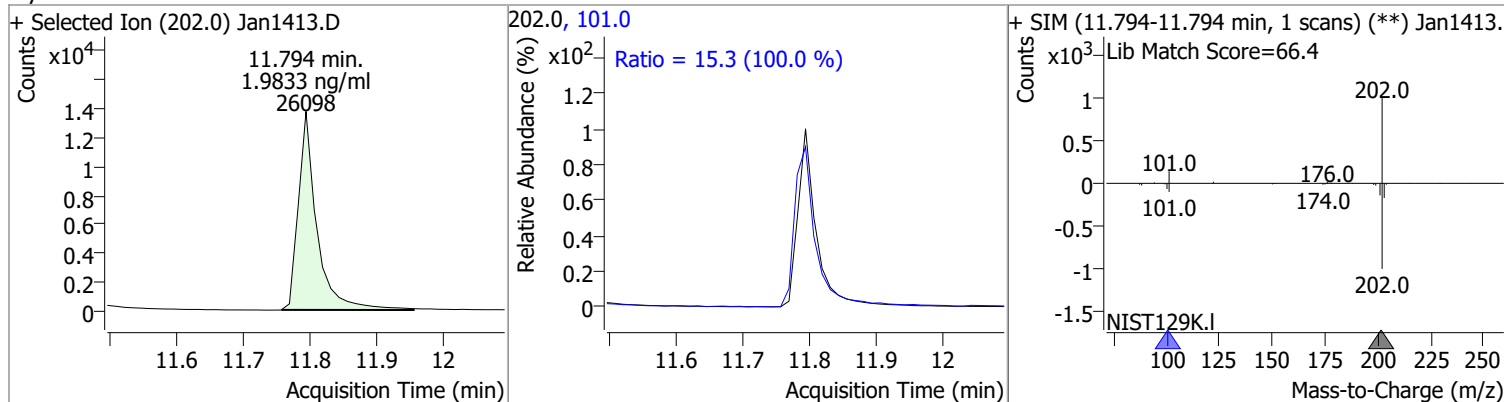


# Quantitation Results Report (QT Reviewed)

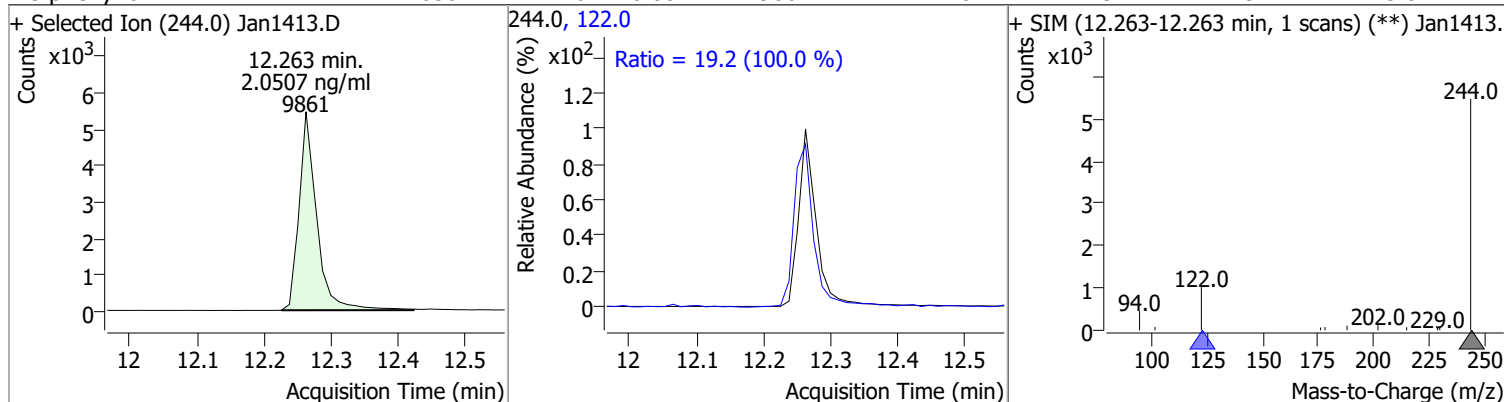
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	1.9135	11.41	0.00	22779	101.0	13.8	9.6	17.9



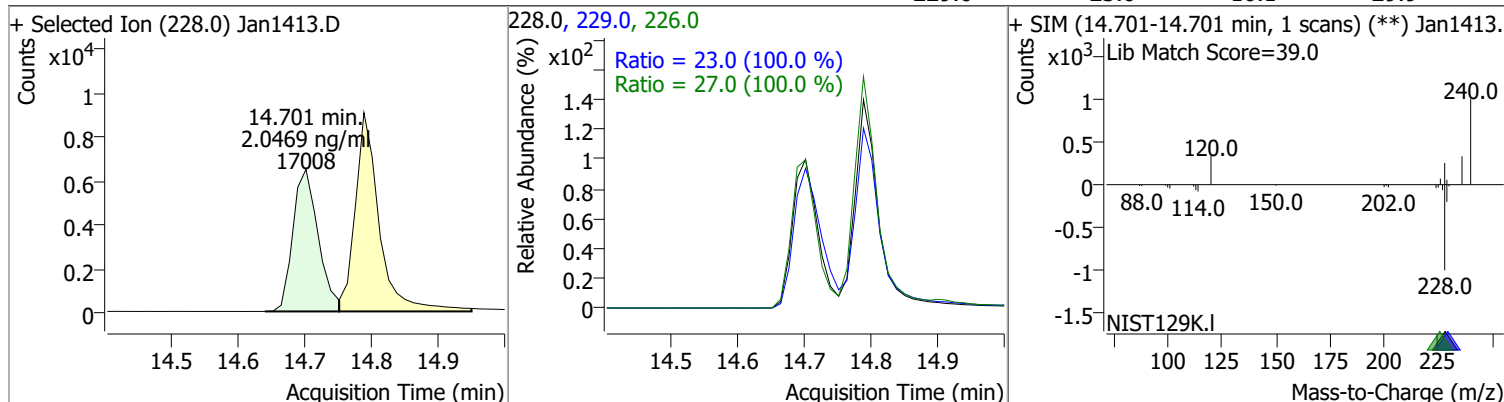
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	1.9833	11.79	0.00	26098	101.0	15.3	10.7	20.0



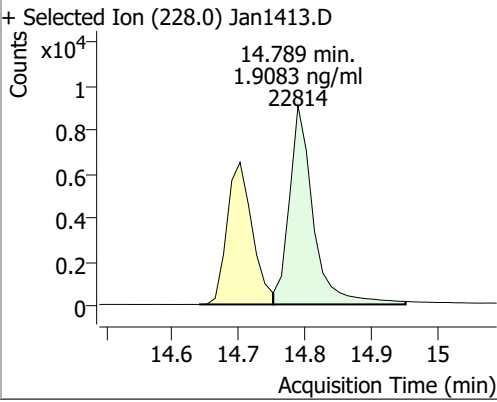
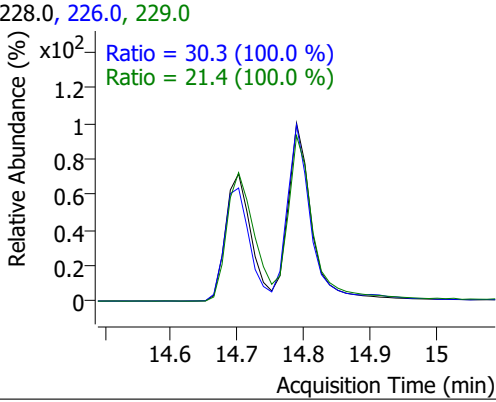
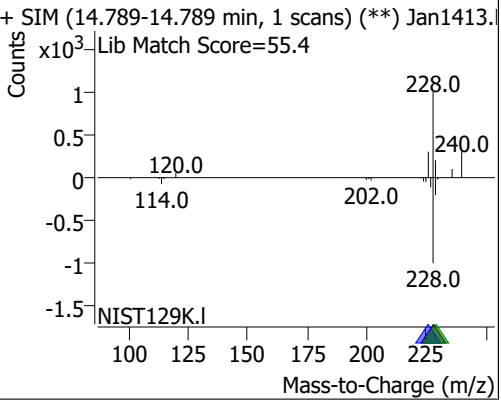
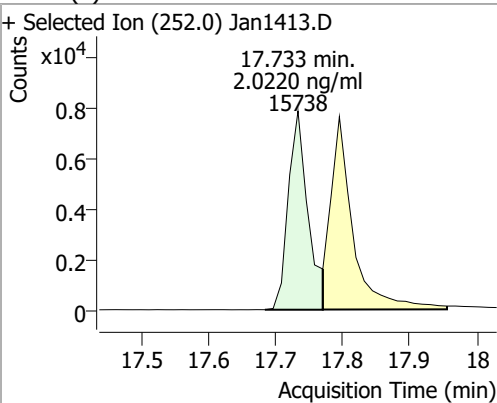
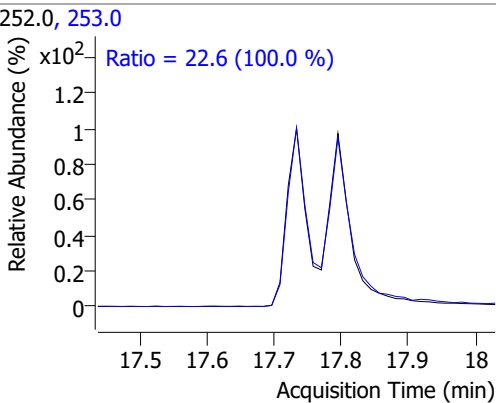
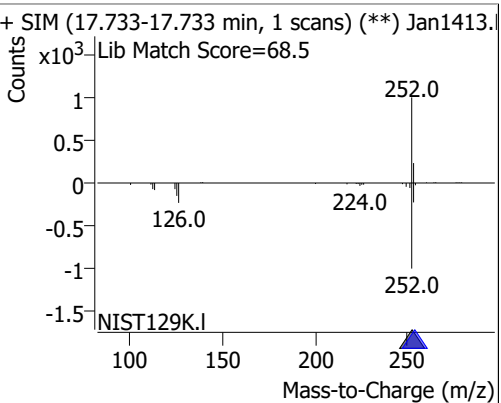
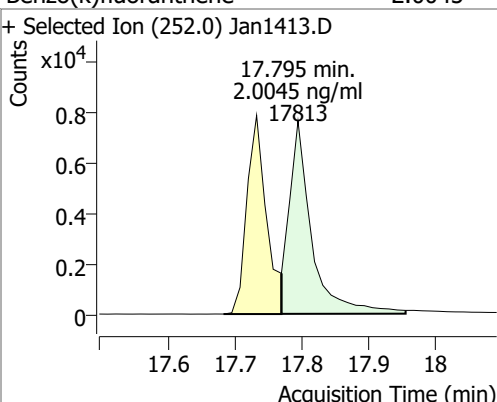
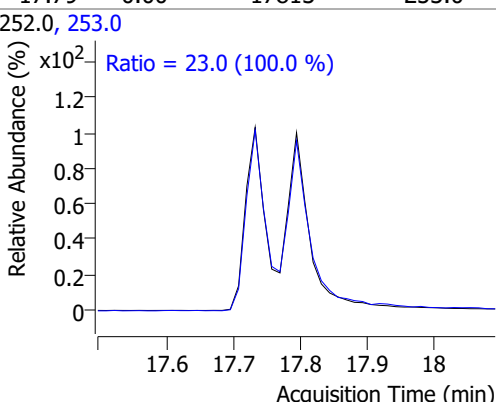
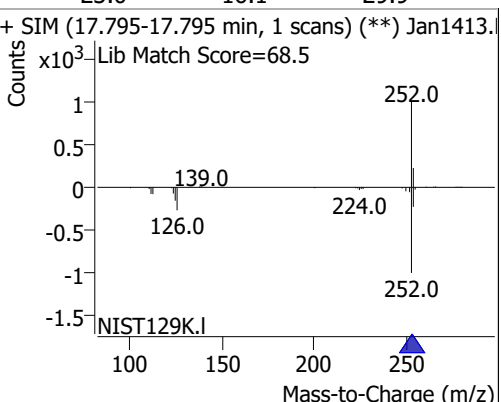
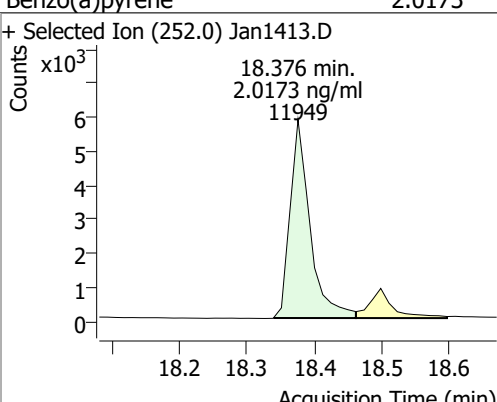
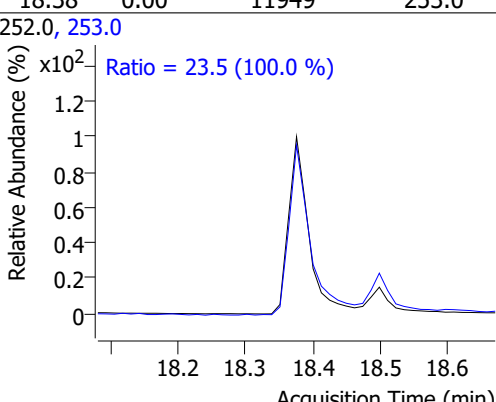
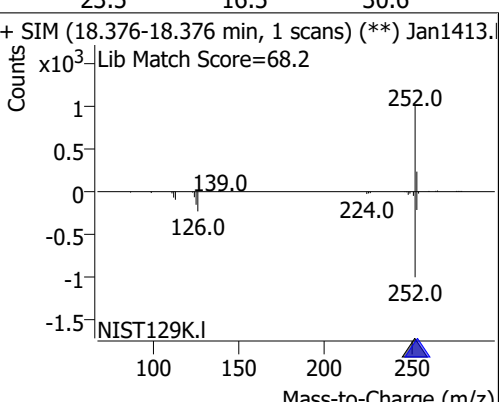
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	2.0507	12.26	0.00	9861	122.0	19.2	13.4	25.0



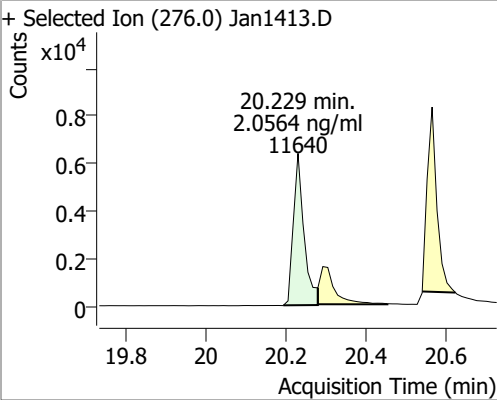
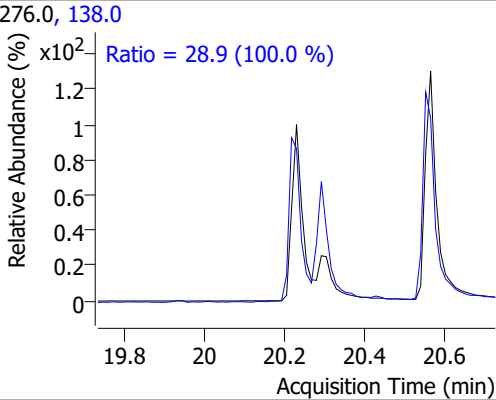
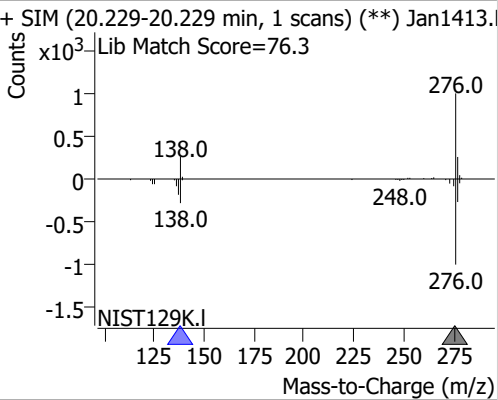
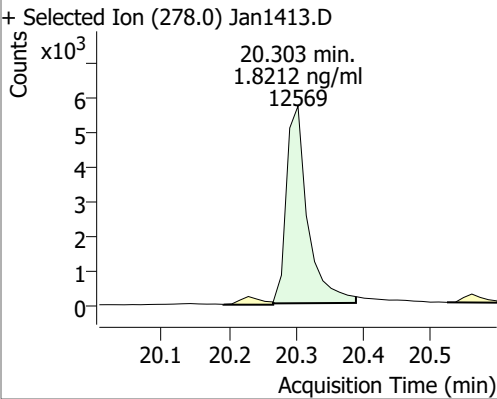
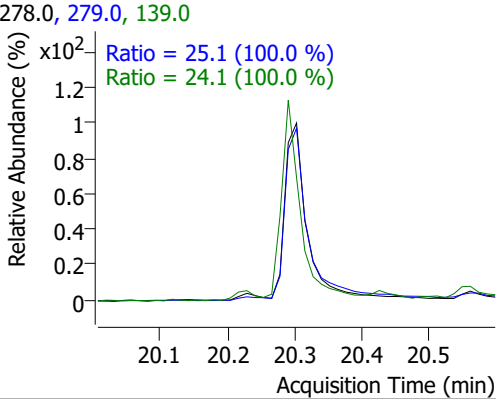
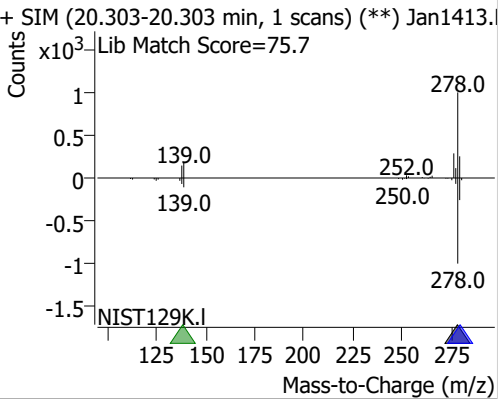
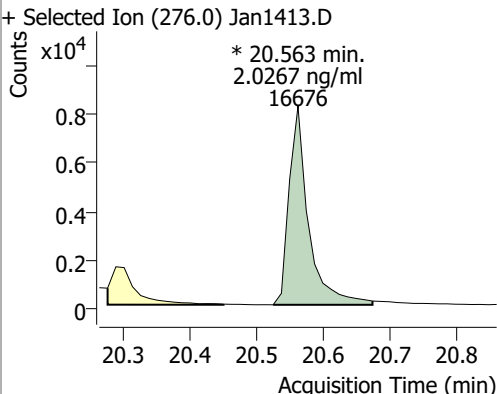
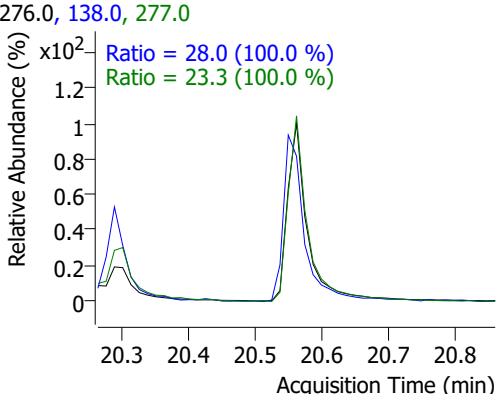
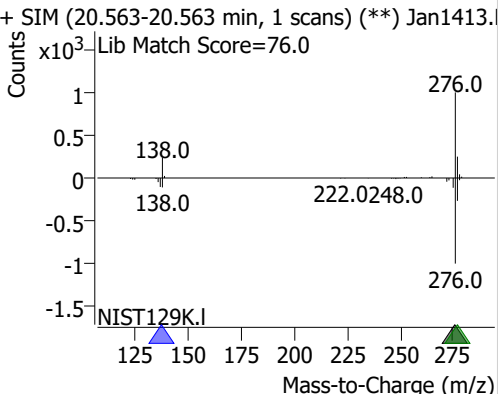
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	2.0469	14.70	0.00	17008	226.0 229.0	27.0 23.0	18.9 16.1	35.1 29.9



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	1.9083	14.79	0.00	22814	226.0 229.0	30.3 21.4	21.2 15.0	39.4 27.8
+ Selected Ion (228.0) Jan1413.D 			228.0, 226.0, 229.0 			+ SIM (14.789-14.789 min, 1 scans) (**) Jan1413. Lib Match Score=55.4 		
Benzo(b)fluoranthene	2.0220	17.73	0.00	15738	253.0	22.6	15.8	29.4
+ Selected Ion (252.0) Jan1413.D 			252.0, 253.0 			+ SIM (17.733-17.733 min, 1 scans) (**) Jan1413. Lib Match Score=68.5 		
Benzo(k)fluoranthene	2.0045	17.79	0.00	17813	253.0	23.0	16.1	29.9
+ Selected Ion (252.0) Jan1413.D 			252.0, 253.0 			+ SIM (17.795-17.795 min, 1 scans) (**) Jan1413. Lib Match Score=68.5 		
Benzo(a)pyrene	2.0173	18.38	0.00	11949	253.0	23.5	16.5	30.6
+ Selected Ion (252.0) Jan1413.D 			252.0, 253.0 			+ SIM (18.376-18.376 min, 1 scans) (**) Jan1413. Lib Match Score=68.2 		

# Quantitation Results Report (QT Reviewed)

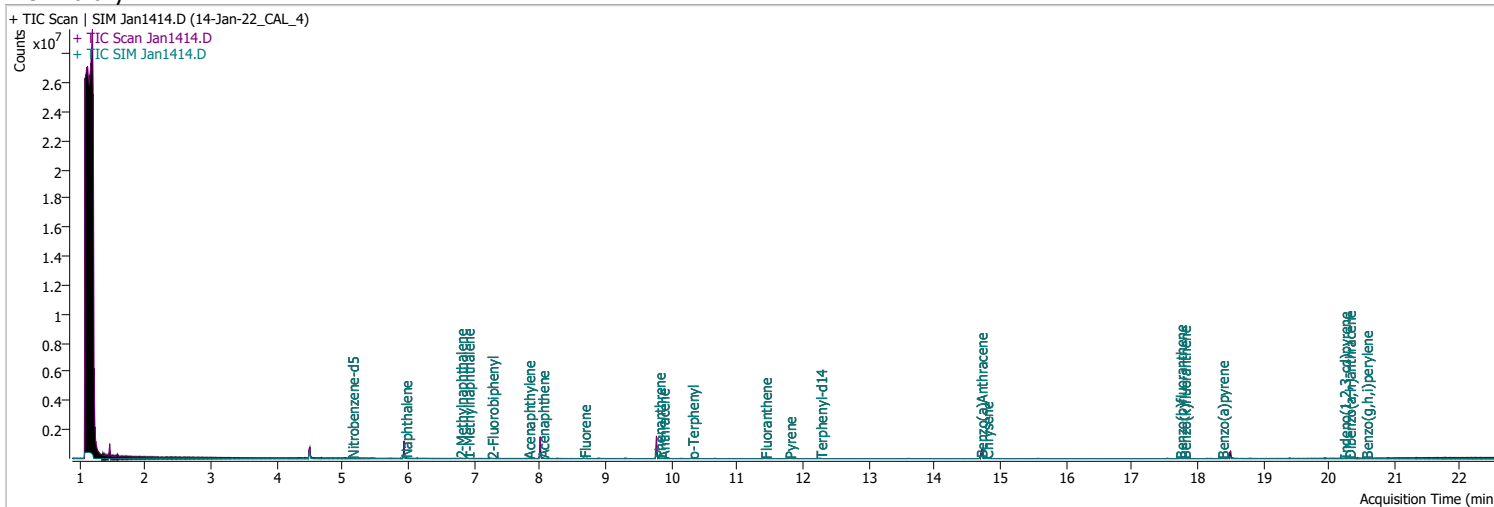
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	2.0564	20.23	0.00	11640	138.0	28.9	20.3	37.6
+ Selected Ion (276.0) Jan1413.D			276.0, 138.0			+ SIM (20.229-20.229 min, 1 scans) (**) Jan1413. Lib Match Score=76.3		
								
Dibenzo(a,h)anthracene	1.8212	20.30	0.00	12569	279.0	25.1	17.6	32.7
+ Selected Ion (278.0) Jan1413.D			278.0, 279.0, 139.0			+ SIM (20.303-20.303 min, 1 scans) (**) Jan1413. Lib Match Score=75.7		
								
Benzo(g,h,i)perylene	2.0267	20.56	0.00	16676 (m)	138.0	28.0	19.6	36.5
+ Selected Ion (276.0) Jan1413.D			276.0, 138.0, 277.0			+ SIM (20.563-20.563 min, 1 scans) (**) Jan1413. Lib Match Score=76.0		
								



# Quantitation Results Report (QT Reviewed)

Data File	Jan1414.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/14/2022 6:19:44 PM
Sample Name	14-Jan-22_CAL_4	Instrument	GCMS
Vial	5	Multiplier	1.00
DA Method File		Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011422 bna SIM 2.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.497	152.0	180220	40.0000	ng/ml	0.000
M Naphthalene-d8	5.941	136.0	329021	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.013	164.0	178036	40.0000	ng/ml	0.013
M Phenanthrene-d10	9.780	188.0	366553	40.0000	ng/ml	0.000
M Chrysene-d12	14.726	240.0	266746	40.0000	ng/ml	0.000
M Perylene-d12	18.499	264.0	173788	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.143	82.0	3242	0.9957	ng/ml	0.000
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 19.91%		
S 2-Fluorobiphenyl	7.264	172.0	8063	0.9422	ng/ml	0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 18.84%		*
S o-Terphenyl	10.311	230.0	5628	0.9433	ng/ml	0.012
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 18.87%		*
S Terphenyl-d14	12.263	244.0	4851	0.9772	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 19.54%		*
<b>Target Compounds</b>						
T Naphthalene	5.953	128.0	11085	0.9738	ng/ml	97
T 2-Methylnaphthalene	6.790	141.0	6198	0.9755	ng/ml	98
T 1-Methylnaphthalene	6.902	141.0	6335	0.9454	ng/ml	99
T Acenaphthylene	7.826	152.0	9945	0.9115	ng/ml	98
T Acenaphthene	8.038	154.0	6673	0.9561	ng/ml	100
T Fluorene	8.673	166.0	7913	0.9582	ng/ml	99
T Phenanthrene	9.805	178.0	11285	0.9824	ng/ml	92
T Anthracene	9.867	178.0	9804	0.9893	ng/ml	99
T Fluoranthene	11.423	202.0	11738	0.9442	ng/ml	99
T Pyrene	11.794	202.0	13080	0.9734	ng/ml	98
T Benzo(a)Anthracene	14.701	228.0	9011	1.0017	ng/ml	98
T Chrysene	14.789	228.0	11797	0.9663	ng/ml	99
T Benzo(b)fluoranthene	17.733	252.0	7329	0.9360	ng/ml	100

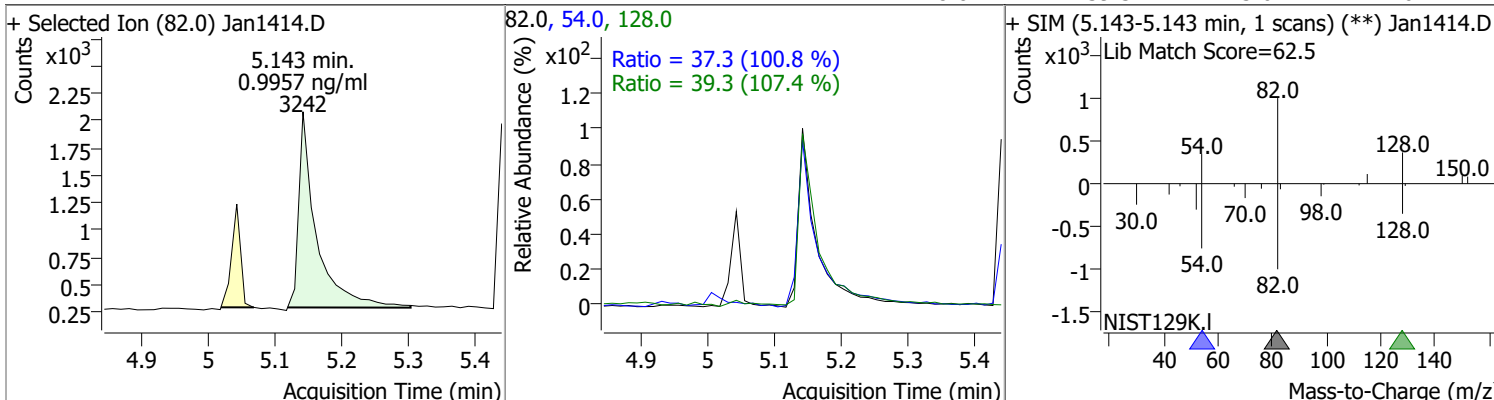
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.795	252.0	8490	0.9530	ng/ml	96
T Benzo(a)pyrene	18.376	252.0	5985	1.0216	ng/ml	98
T Indeno(1,2,3-cd)pyrene	20.229	276.0	5490	0.9888	ng/ml	99
T Dibenzo(a,h)anthracene	20.303	278.0	6525	0.9399	ng/ml	99
T Benzo(g,h,i)perylene	20.563	276.0	8433	1.0267	ng/ml	98

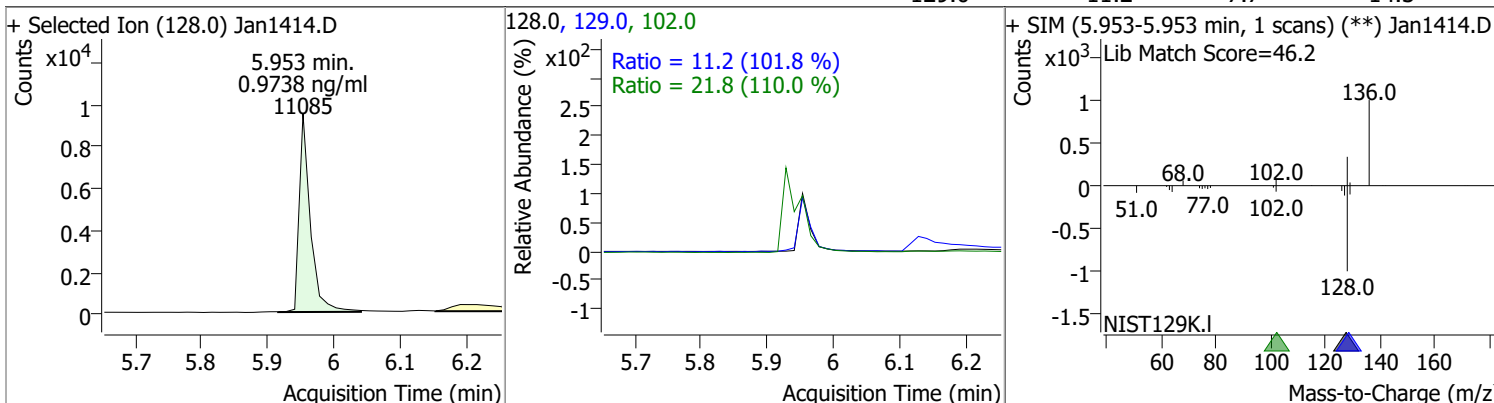
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

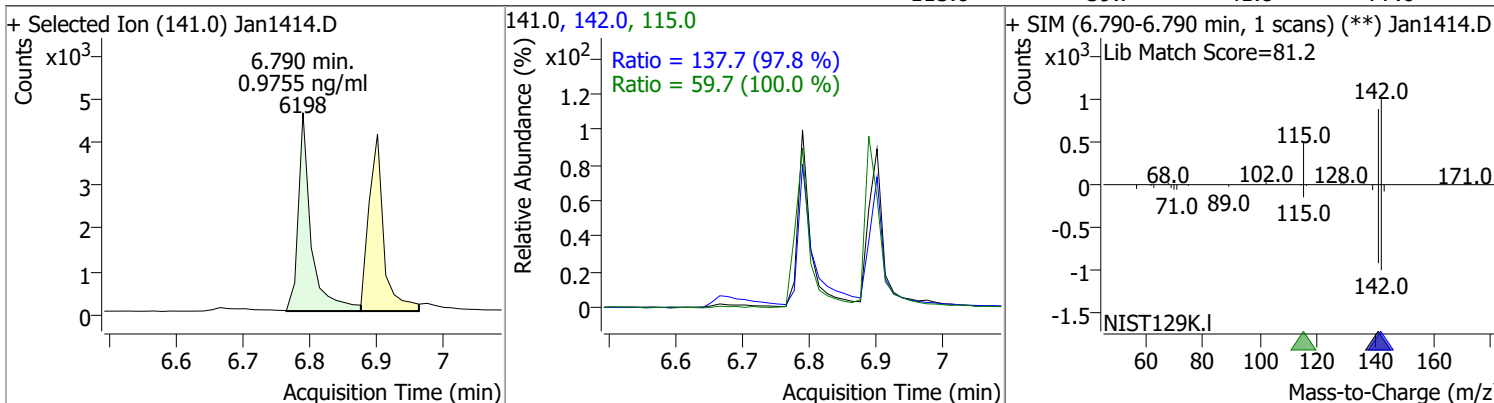
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	0.9957	5.14	0.00	3242	54.0	37.3	25.9	48.1
					128.0	39.3	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	0.9738	5.95	0.00	11085	102.0	21.8	0.0	59.6
					129.0	11.2	7.7	14.3

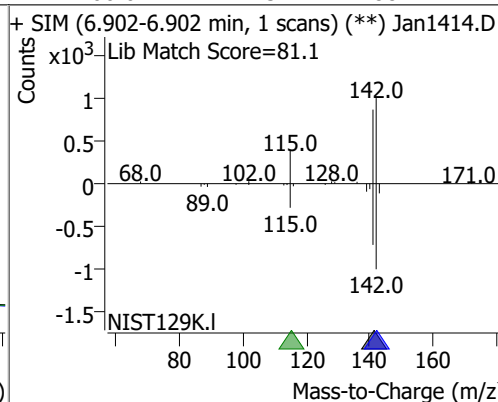
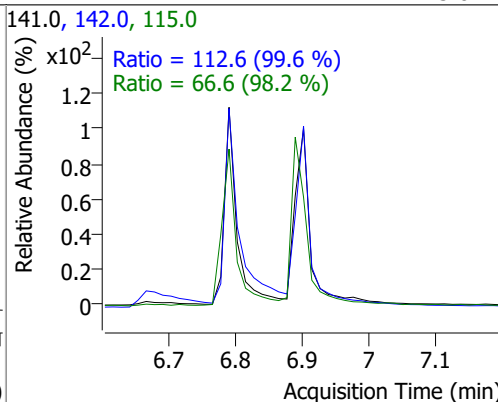
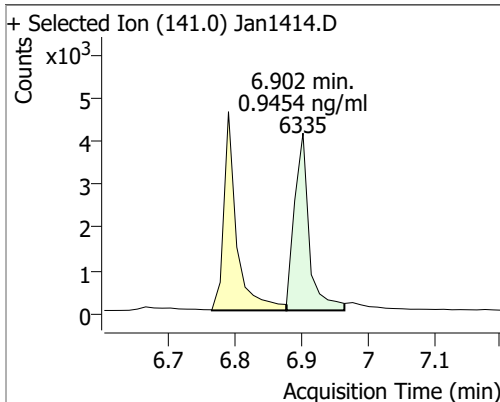


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	0.9755	6.79	0.00	6198	142.0	137.7	98.5	183.0
					115.0	59.7	41.8	77.6

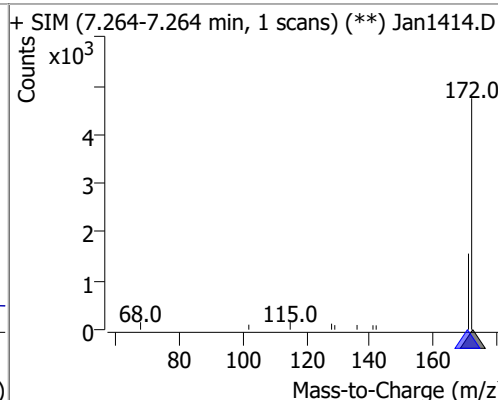
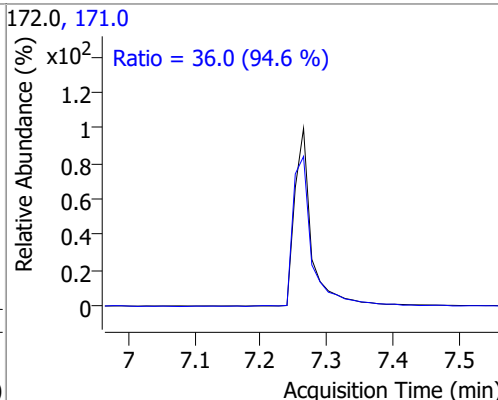
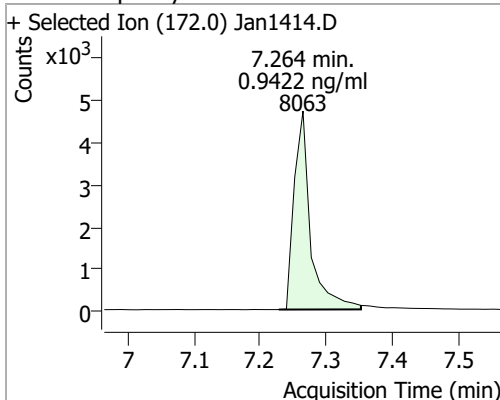


# Quantitation Results Report (QT Reviewed)

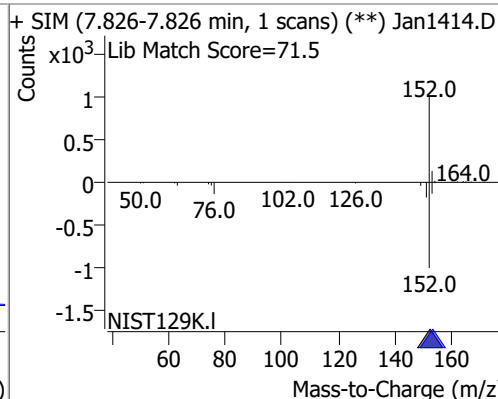
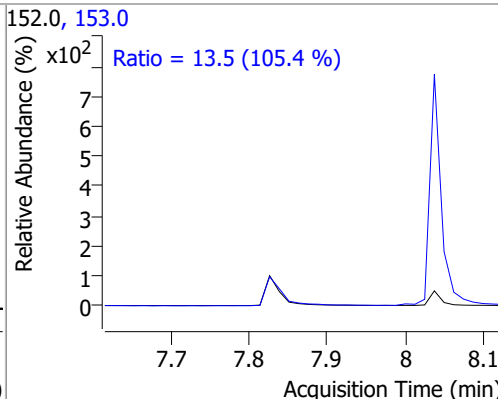
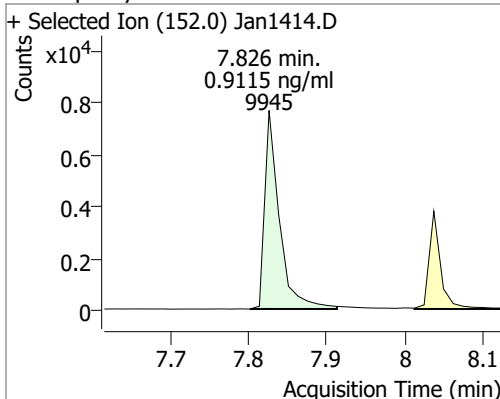
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	0.9454	6.90	0.00	6335	142.0	112.6	79.2	147.1
					115.0	66.6	47.5	88.2



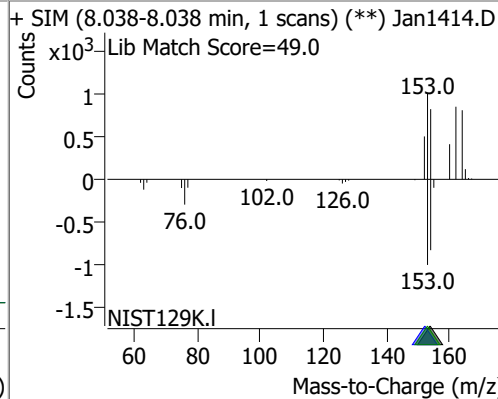
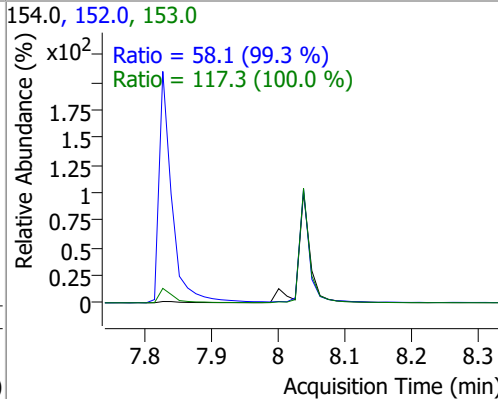
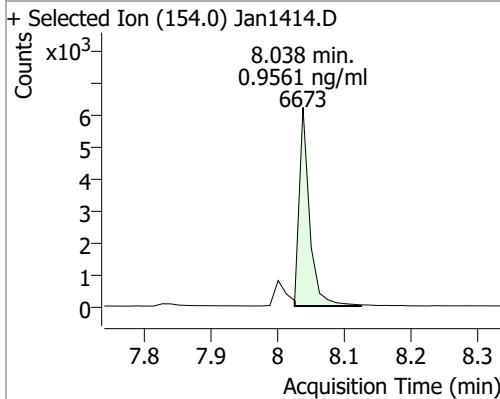
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	0.9422	7.26	0.00	8063	171.0	36.0	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	0.9115	7.83	0.00	9945	153.0	13.5	9.0	16.6

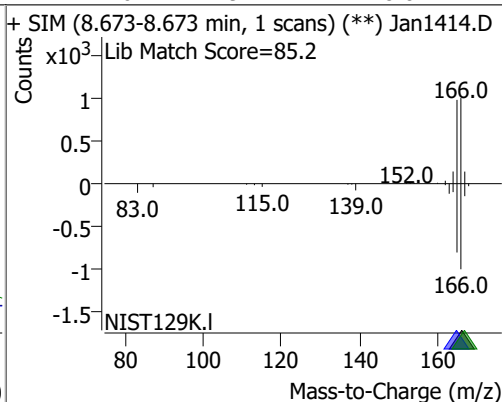
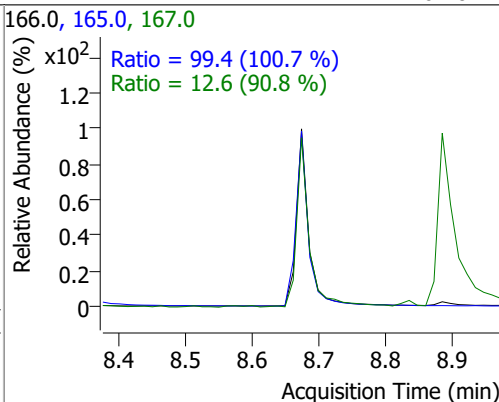
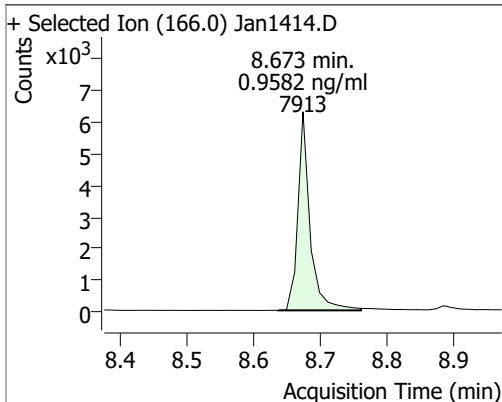


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	0.9561	8.04	0.00	6673	153.0	117.3	82.1	152.6
					152.0	58.1	41.0	76.1

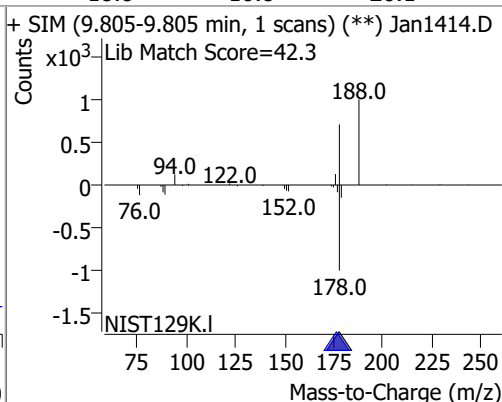
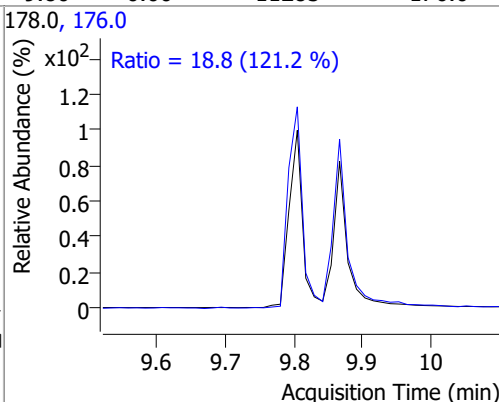
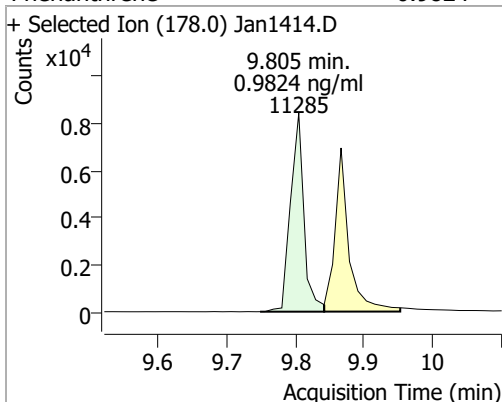


# Quantitation Results Report (QT Reviewed)

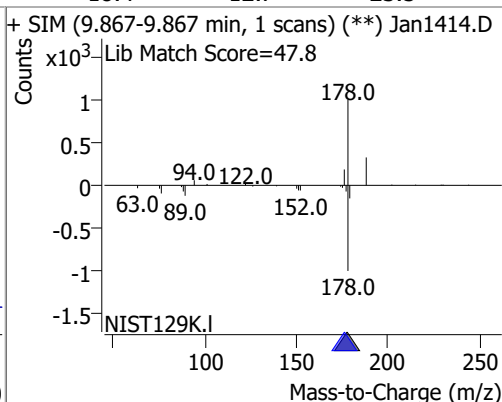
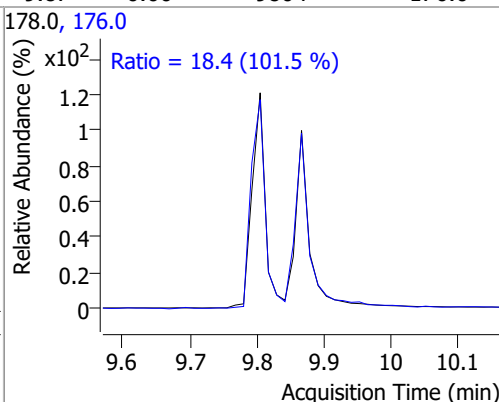
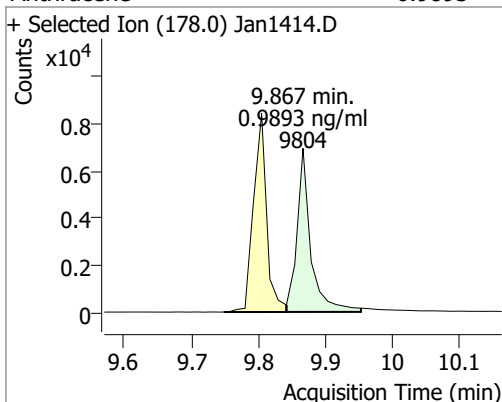
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	0.9582	8.67	0.00	7913	165.0 167.0	99.4 12.6	69.1 9.7	128.3 18.0



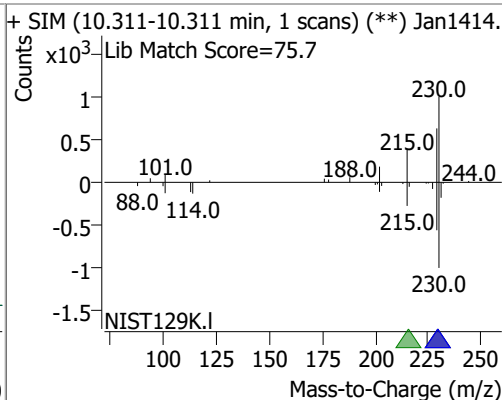
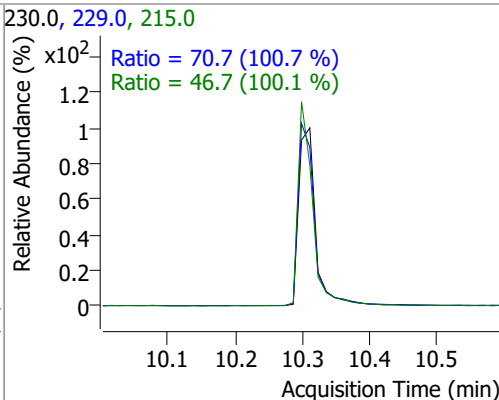
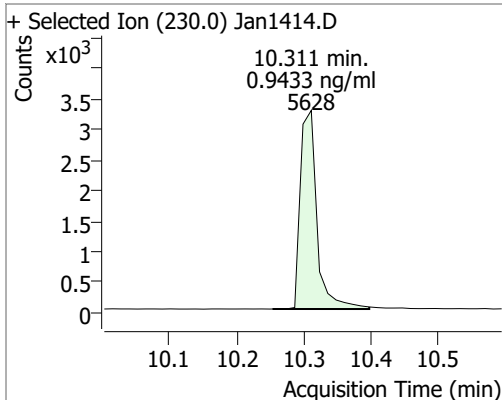
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	0.9824	9.80	0.00	11285	176.0	18.8	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	0.9893	9.87	0.00	9804	176.0	18.4	12.7	23.5

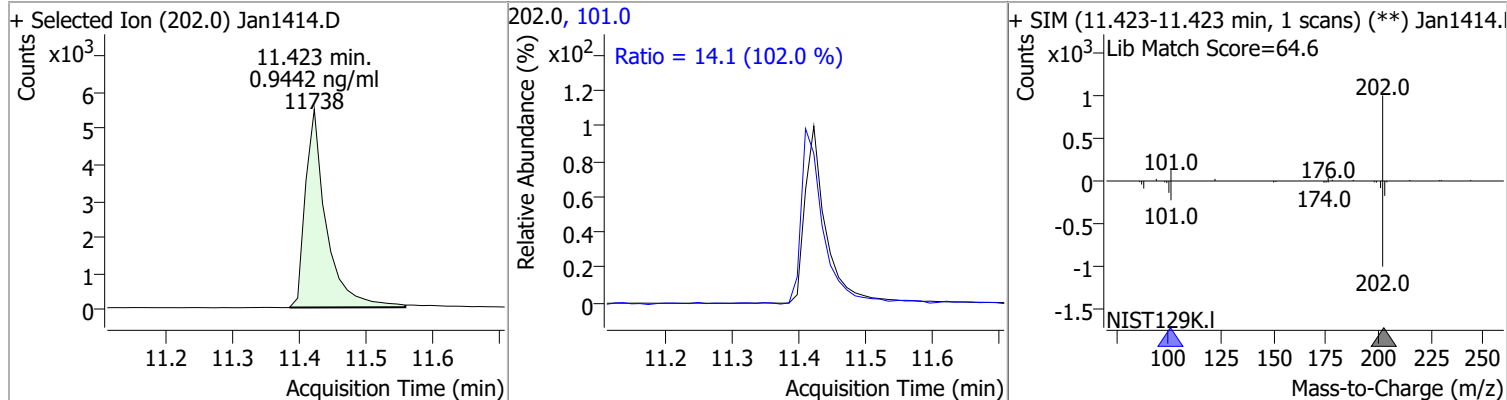


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.9433	10.31	0.01	5628	229.0 215.0	70.7 46.7	49.2 32.7	91.3 60.7

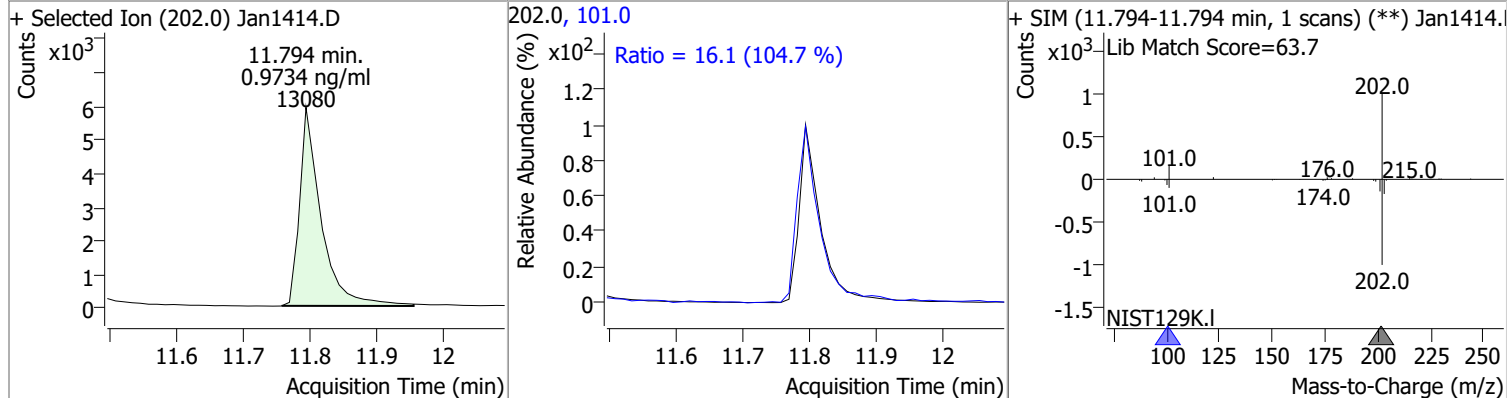


# Quantitation Results Report (QT Reviewed)

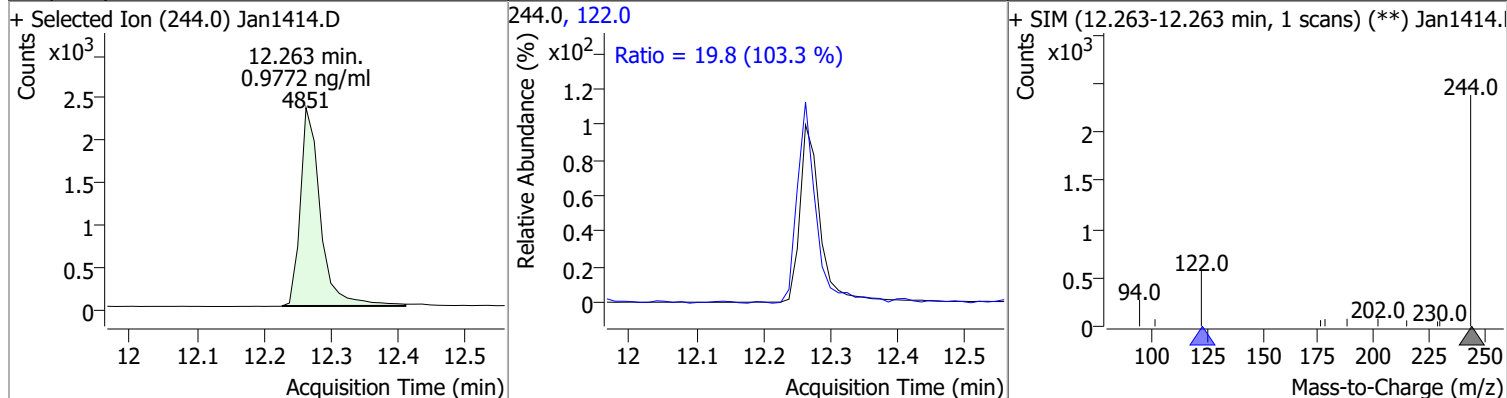
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	0.9442	11.42	0.01	11738	101.0	14.1	9.6	17.9



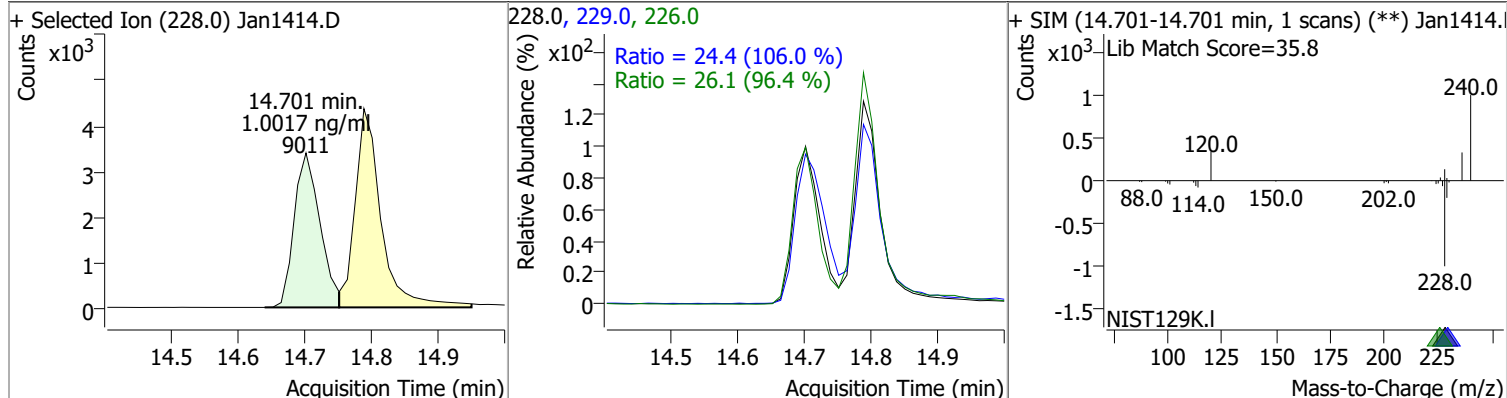
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	0.9734	11.79	0.00	13080	101.0	16.1	10.7	20.0



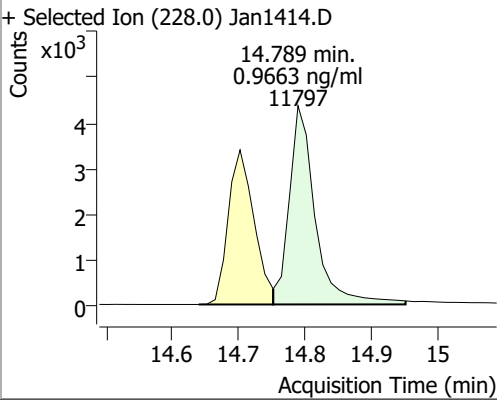
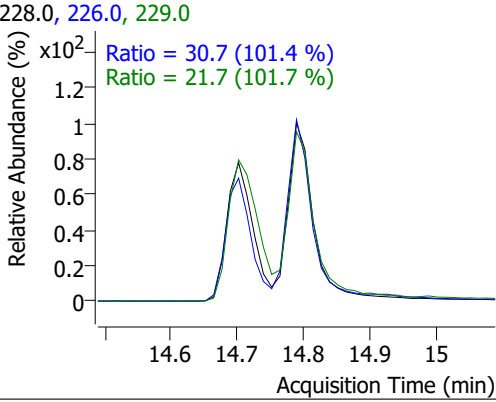
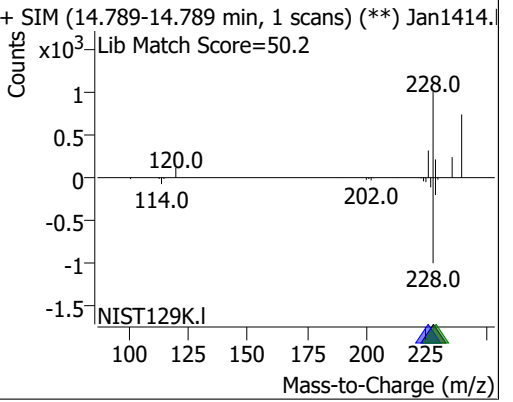
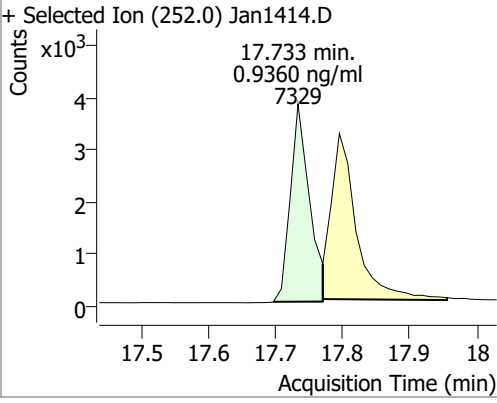
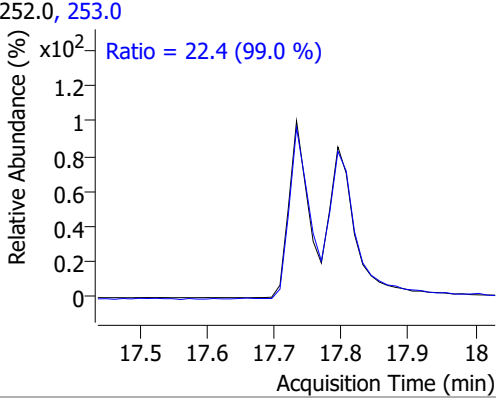
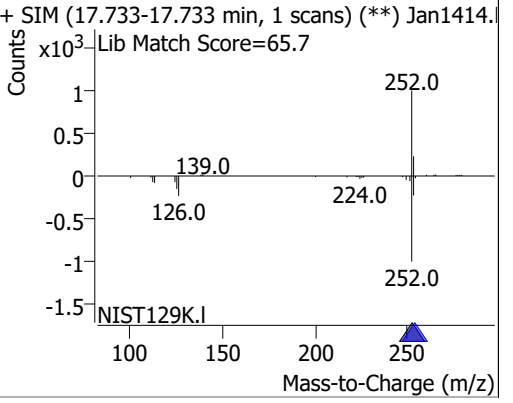
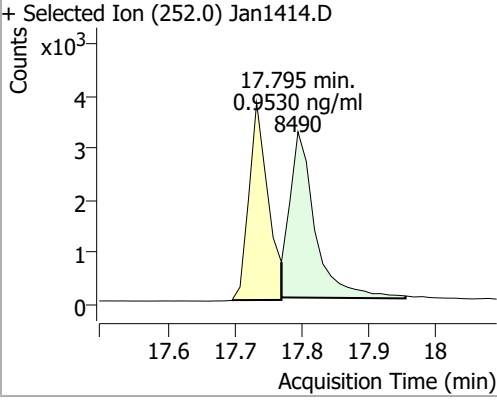
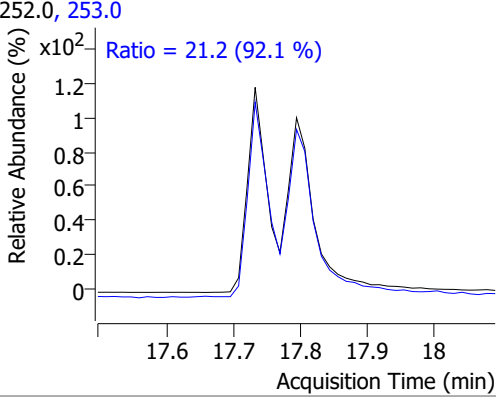
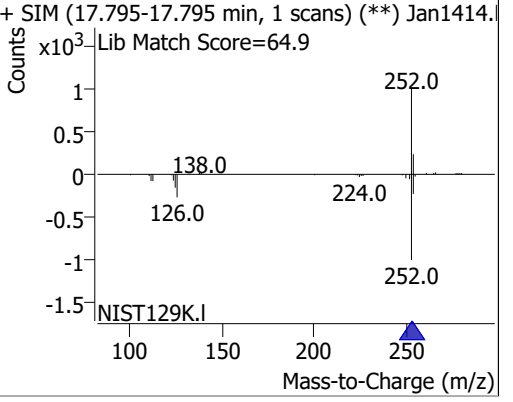
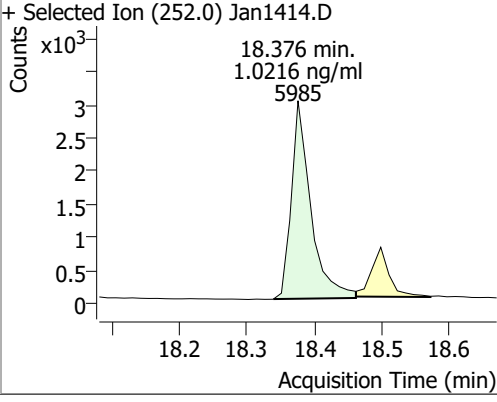
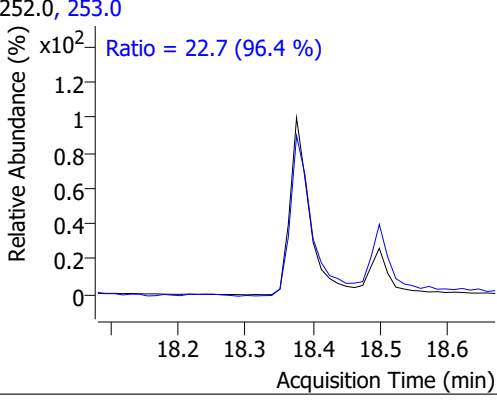
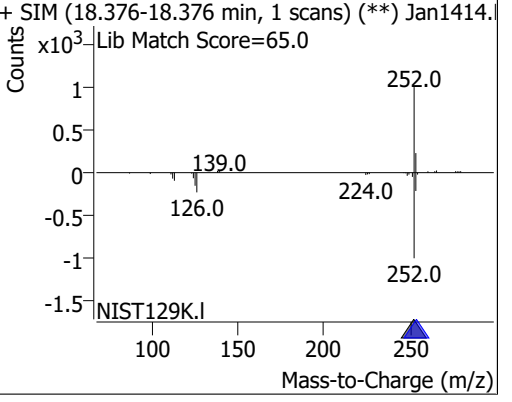
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	0.9772	12.26	0.00	4851	122.0	19.8	13.4	25.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	1.0017	14.70	0.00	9011	226.0	26.1	18.9	35.1
					229.0	24.4	16.1	29.9



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0.9663	14.79	0.00	11797	226.0 229.0	30.7 21.7	21.2 15.0	39.4 27.8
+ Selected Ion (228.0) Jan1414.D 			228.0, 226.0, 229.0 			+ SIM (14.789-14.789 min, 1 scans) (**) Jan1414. Lib Match Score=50.2 		
Benzo(b)fluoranthene	0.9360	17.73	0.00	7329	253.0	22.4	15.8	29.4
+ Selected Ion (252.0) Jan1414.D 			252.0, 253.0 			+ SIM (17.733-17.733 min, 1 scans) (**) Jan1414. Lib Match Score=65.7 		
Benzo(k)fluoranthene	0.9530	17.80	0.00	8490	253.0	21.2	16.1	29.9
+ Selected Ion (252.0) Jan1414.D 			252.0, 253.0 			+ SIM (17.795-17.795 min, 1 scans) (**) Jan1414. Lib Match Score=64.9 		
Benzo(a)pyrene	1.0216	18.38	0.00	5985	253.0	22.7	16.5	30.6
+ Selected Ion (252.0) Jan1414.D 			252.0, 253.0 			+ SIM (18.376-18.376 min, 1 scans) (**) Jan1414. Lib Match Score=65.0 		

# Quantitation Results Report (QT Reviewed)

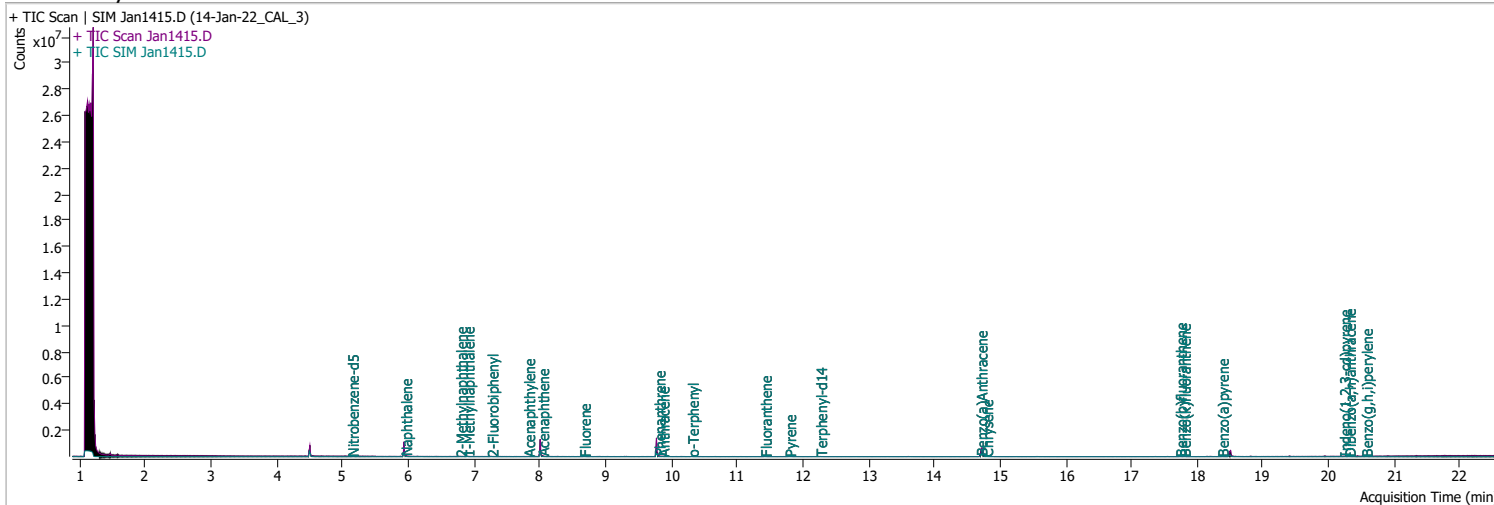
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	0.9888	20.23	0.00	5490	138.0	29.7	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1414.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 29.7 (102.6 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.229-20.229 min, 1 scans) (**) Jan1414.D</p> <p>Lib Match Score=73.0</p> </div> </div>								
Dibenzo(a,h)anthracene	0.9399	20.30	0.00	6525	279.0	24.8	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan1414.D</p> </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 24.8 (98.8 %)</p> <p>Ratio = 23.6 (97.8 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.303-20.303 min, 1 scans) (**) Jan1414.D</p> <p>Lib Match Score=73.8</p> </div> </div>								
Benzo(g,h,i)perylene	1.0267	20.56	0.00	8433	138.0	29.1	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1414.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 29.1 (103.7 %)</p> <p>Ratio = 23.9 (102.6 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.563-20.563 min, 1 scans) (**) Jan1414.D</p> <p>Lib Match Score=73.2</p> </div> </div>								



# Quantitation Results Report (QT Reviewed)

Data File	Jan1415.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/14/2022 6:52:13 PM
Sample Name	14-Jan-22_CAL_3	Instrument	GCMS
Vial	6	Multiplier	1.00
DA Method File		Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011422 bna SIM 2.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.509	152.0	167513	40.0000	ng/ml	0.013
M Naphthalene-d8	5.941	136.0	299756	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	164569	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.780	188.0	336790	40.0000	ng/ml	0.000
M Chrysene-d12	14.726	240.0	249663	40.0000	ng/ml	0.000
M Perylene-d12	18.499	264.0	162226	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.143	82.0	1431	0.4896	ng/ml	0.000
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 9.79%	*	
S 2-Fluorobiphenyl	7.265	172.0	3783	0.4782	ng/ml	0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 9.56%	*	
S o-Terphenyl	10.311	230.0	2719	0.4960	ng/ml	0.013
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 9.92%	*	
S Terphenyl-d14	12.263	244.0	2395	0.5010	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 10.02%	*	
<b>Target Compounds</b>						
T Naphthalene	5.953	128.0	5189	0.5004	ng/ml	85
T 2-Methylnaphthalene	6.790	141.0	2919	0.5044	ng/ml	91
T 1-Methylnaphthalene	6.902	141.0	3118	0.5107	ng/ml	m 91
T Acenaphthylene	7.826	152.0	4922	0.4880	ng/ml	98
T Acenaphthene	8.038	154.0	3080	0.4774	ng/ml	99
T Fluorene	8.674	166.0	3815	0.4998	ng/ml	99
T Phenanthrene	9.805	178.0	5535	0.5059	ng/ml	91
T Anthracene	9.867	178.0	4750	0.5092	ng/ml	99
T Fluoranthene	11.423	202.0	5538	0.4849	ng/ml	99
T Pyrene	11.794	202.0	6254	0.4973	ng/ml	99
T Benzo(a)Anthracene	14.702	228.0	4835	0.5070	ng/ml	93
T Chrysene	14.789	228.0	5705	0.4993	ng/ml	99
T Benzo(b)fluoranthene	17.733	252.0	3340	0.4570	ng/ml	99

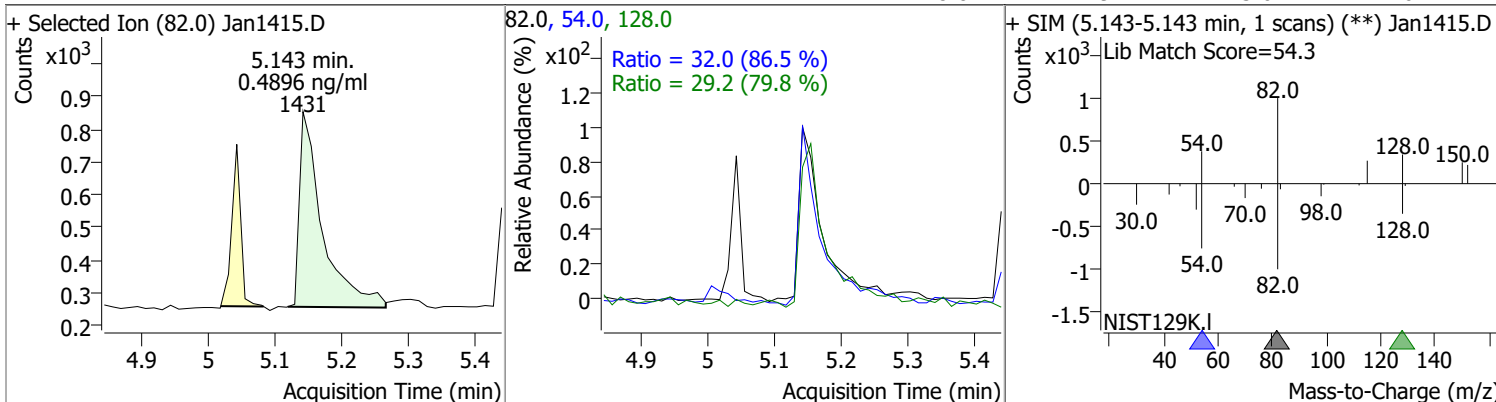
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.795	252.0	4090	0.4883	ng/ml	99
T Benzo(a)pyrene	18.376	252.0	2788	0.5068	ng/ml	93
T Indeno(1,2,3-cd)pyrene	20.229	276.0	2456	0.4764	ng/ml	98
T Dibenzo(a,h)anthracene	20.303	278.0	3015	0.4652	ng/ml	97
T Benzo(g,h,i)perylene	20.563	276.0	3877	0.4982	ng/ml	95

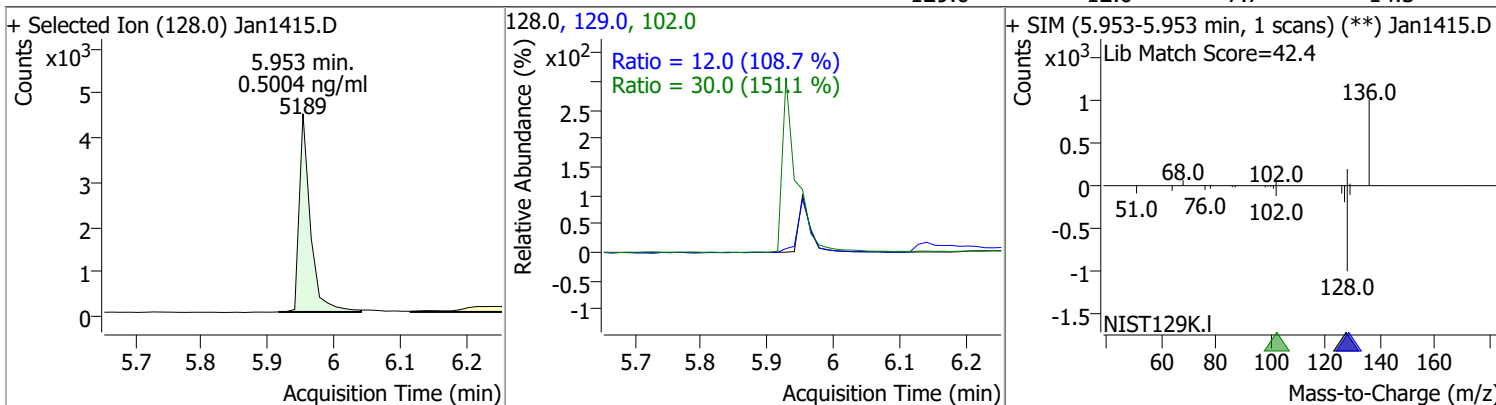
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

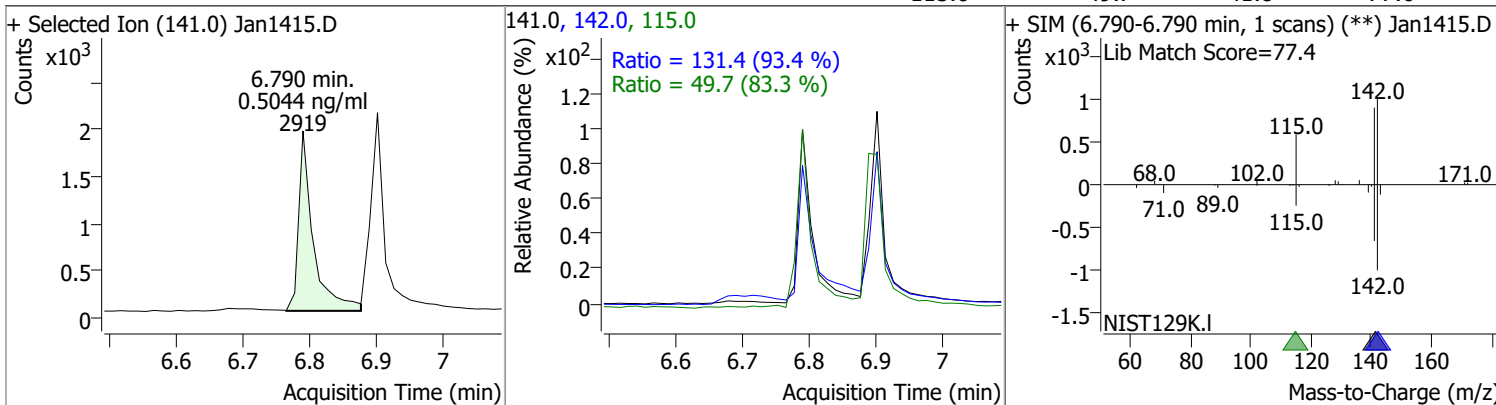
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	0.4896	5.14	0.00	1431	54.0	32.0	25.9	48.1
					128.0	29.2	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	0.5004	5.95	0.00	5189	102.0	30.0	0.0	59.6
					129.0	12.0	7.7	14.3

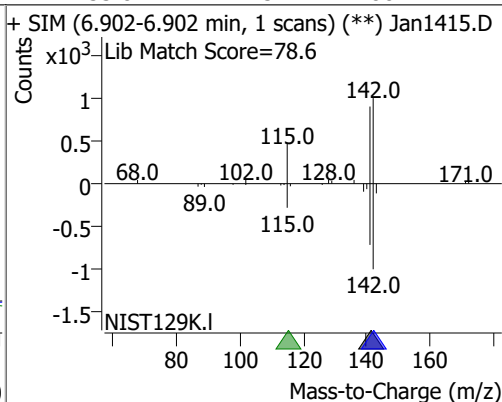
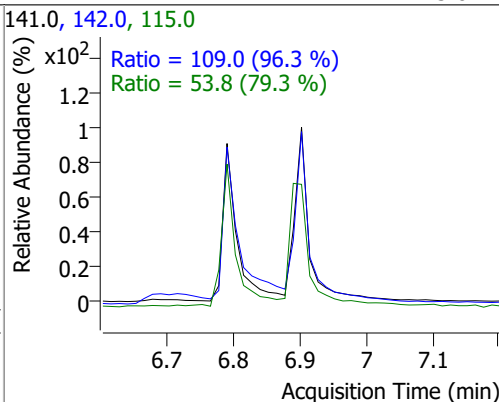
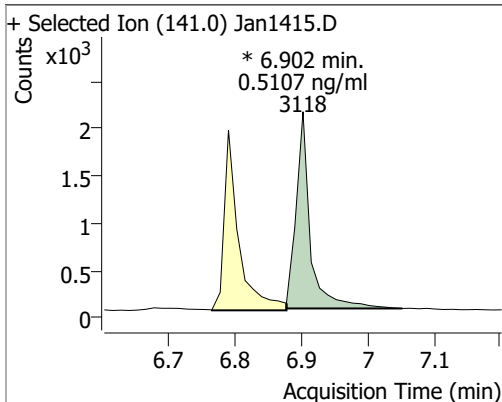


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	0.5044	6.79	0.00	2919	142.0	131.4	98.5	183.0
					115.0	49.7	41.8	77.6

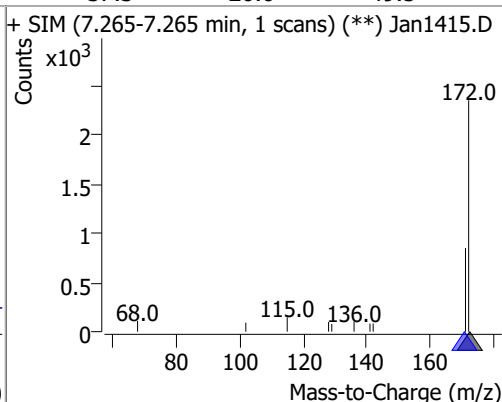
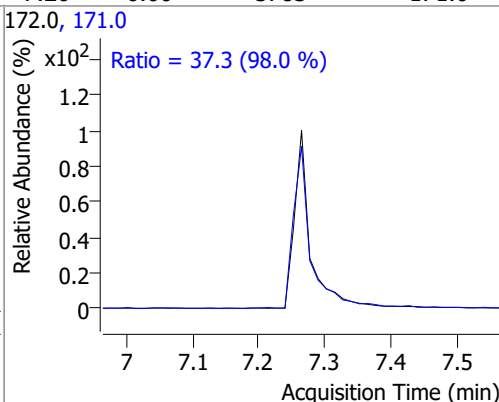
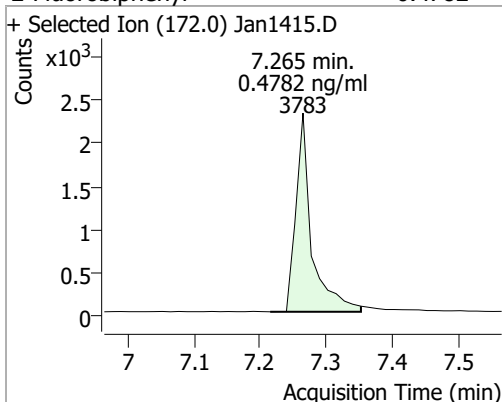


# Quantitation Results Report (QT Reviewed)

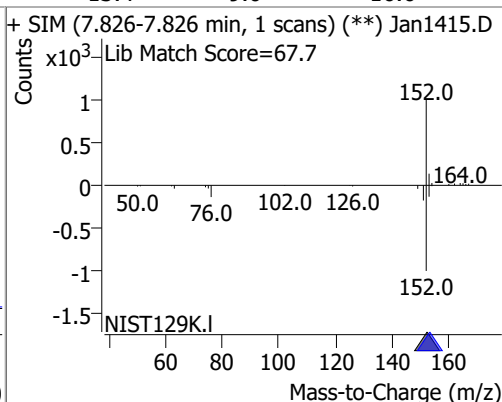
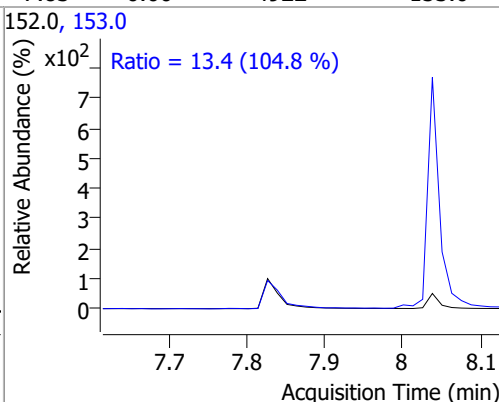
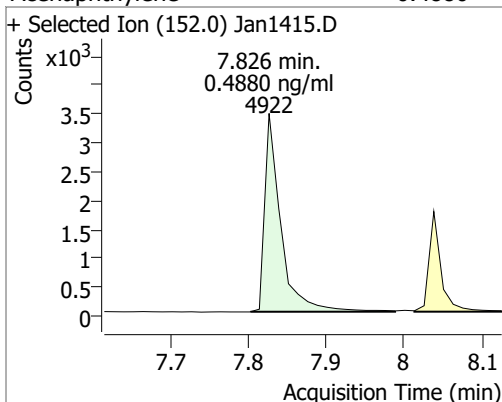
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	0.5107	6.90	0.00	3118 (m)	142.0	109.0	79.2	147.1
					115.0	53.8	47.5	88.2



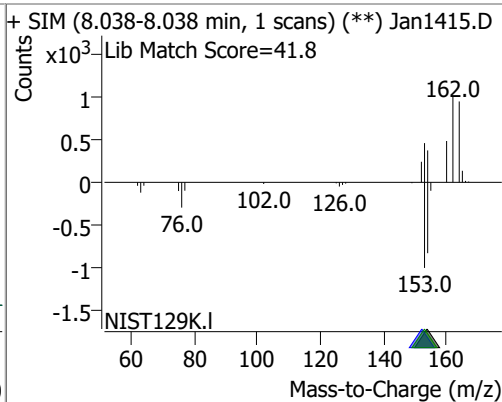
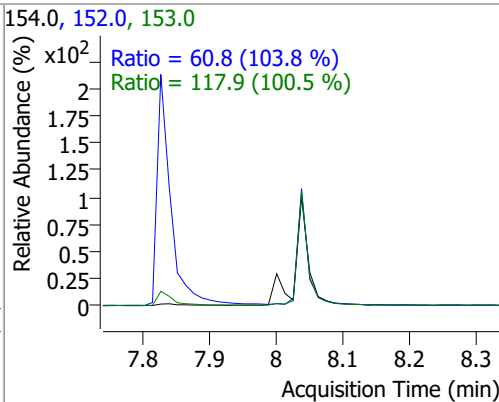
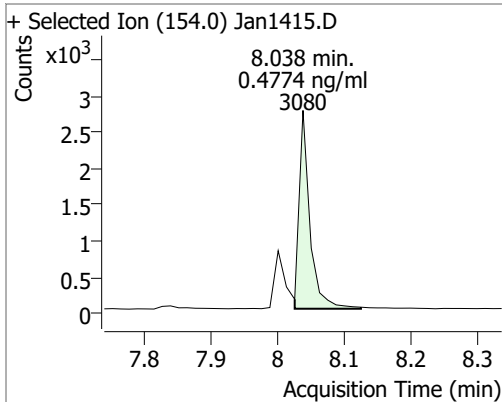
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	0.4782	7.26	0.00	3783	171.0	37.3	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	0.4880	7.83	0.00	4922	153.0	13.4	9.0	16.6

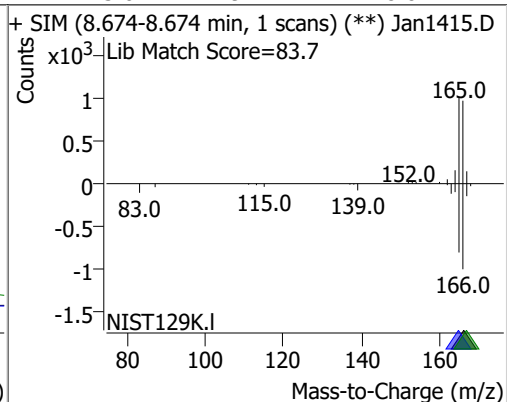
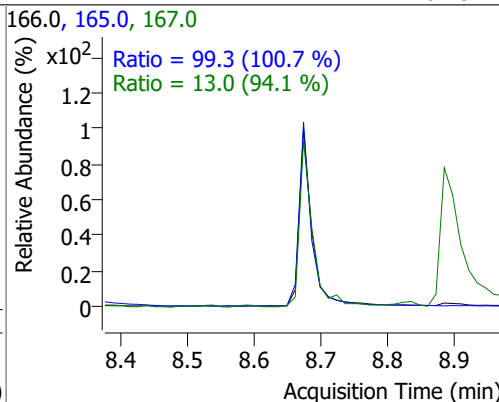
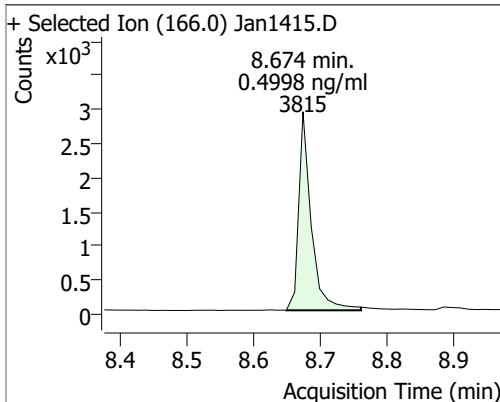


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	0.4774	8.04	0.00	3080	153.0	117.9	82.1	152.6
					152.0	60.8	41.0	76.1

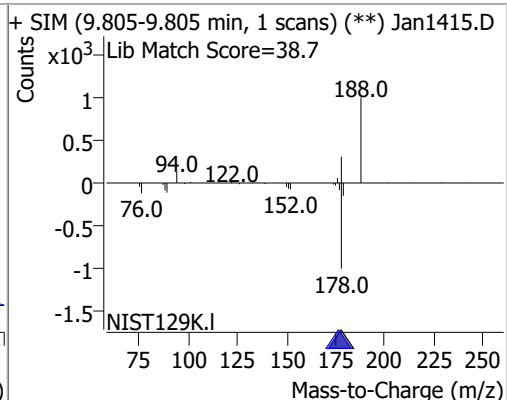
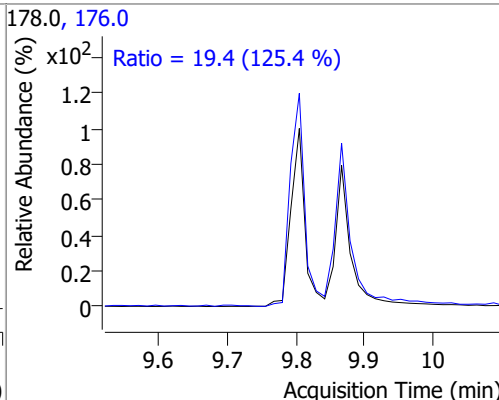
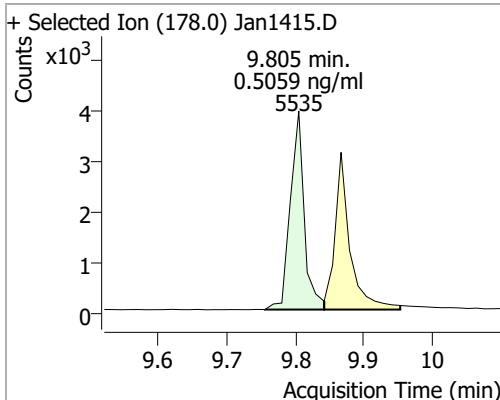


# Quantitation Results Report (QT Reviewed)

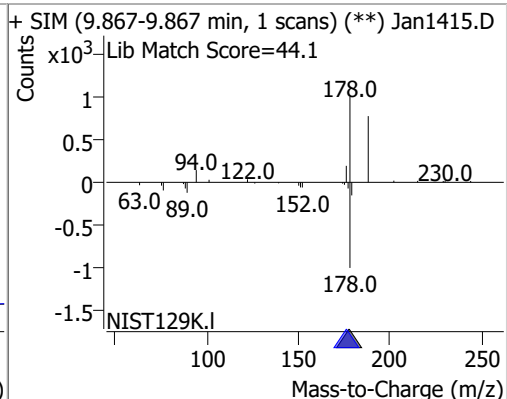
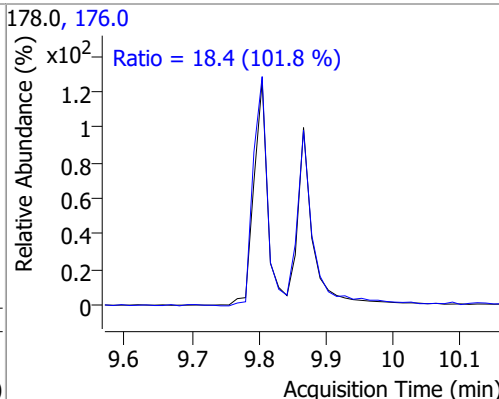
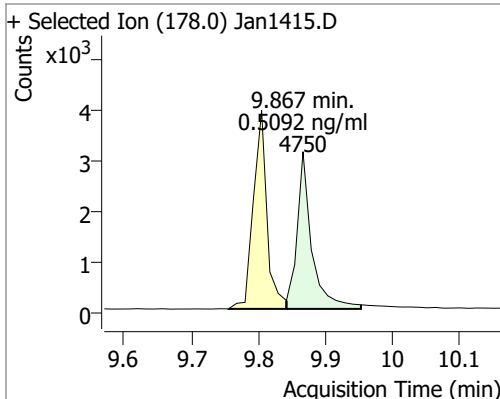
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	0.4998	8.67	0.00	3815	165.0	99.3	69.1	128.3
					167.0	13.0	9.7	18.0



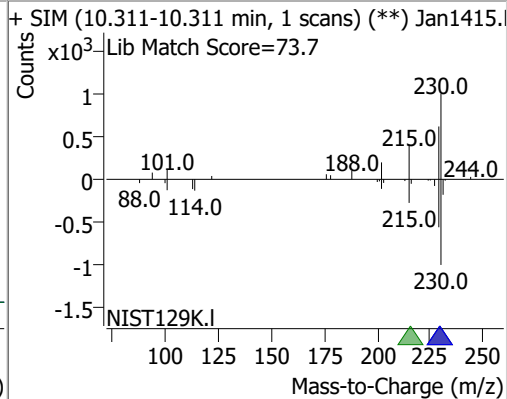
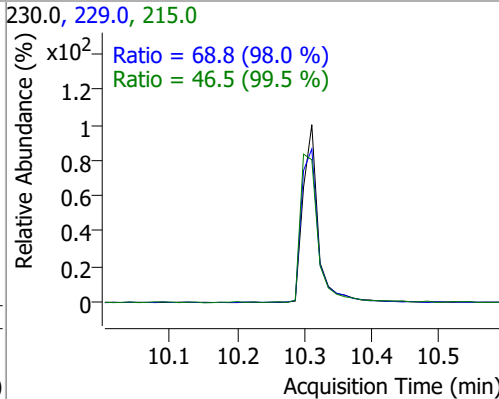
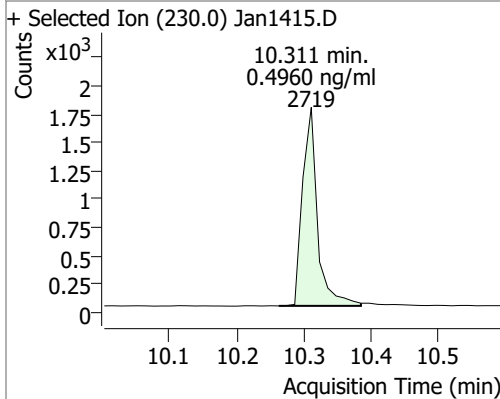
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	0.5059	9.81	0.00	5535	176.0	19.4	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	0.5092	9.87	0.00	4750	176.0	18.4	12.7	23.5

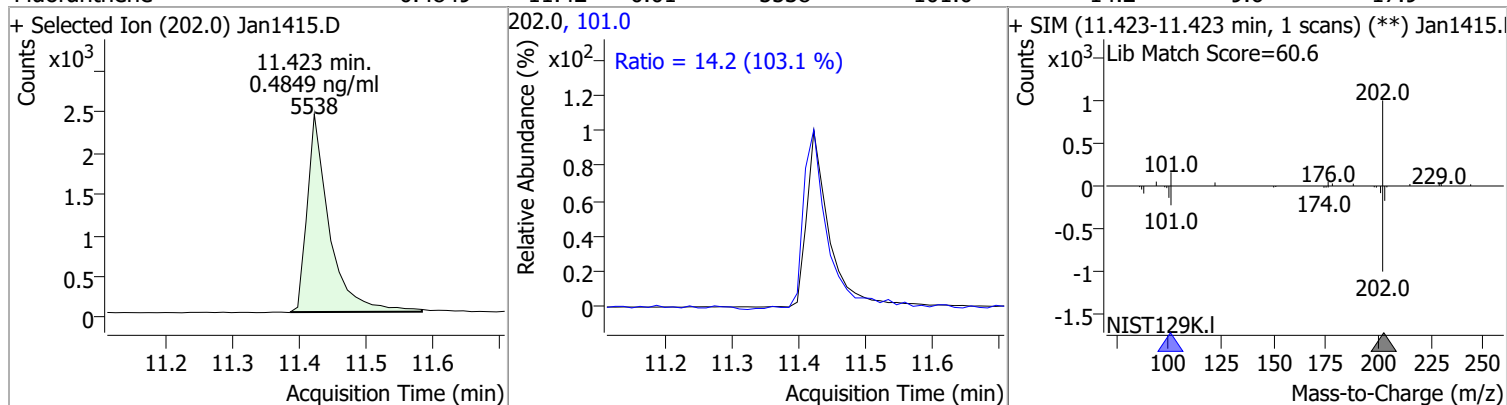


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.4960	10.31	0.01	2719	229.0	68.8	49.2	91.3
					215.0	46.5	32.7	60.7

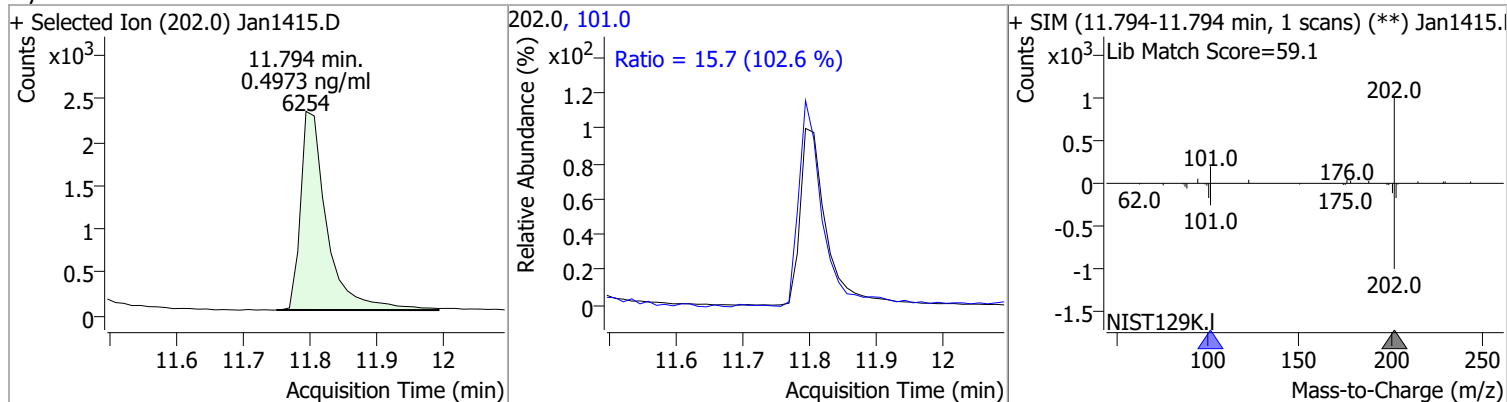


# Quantitation Results Report (QT Reviewed)

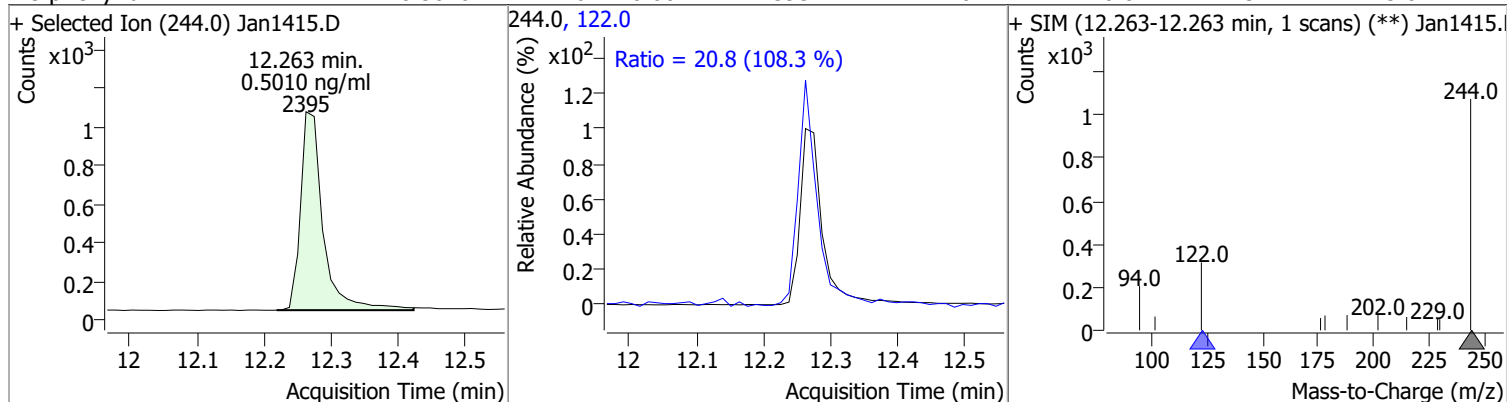
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	0.4849	11.42	0.01	5538	101.0	14.2	9.6	17.9



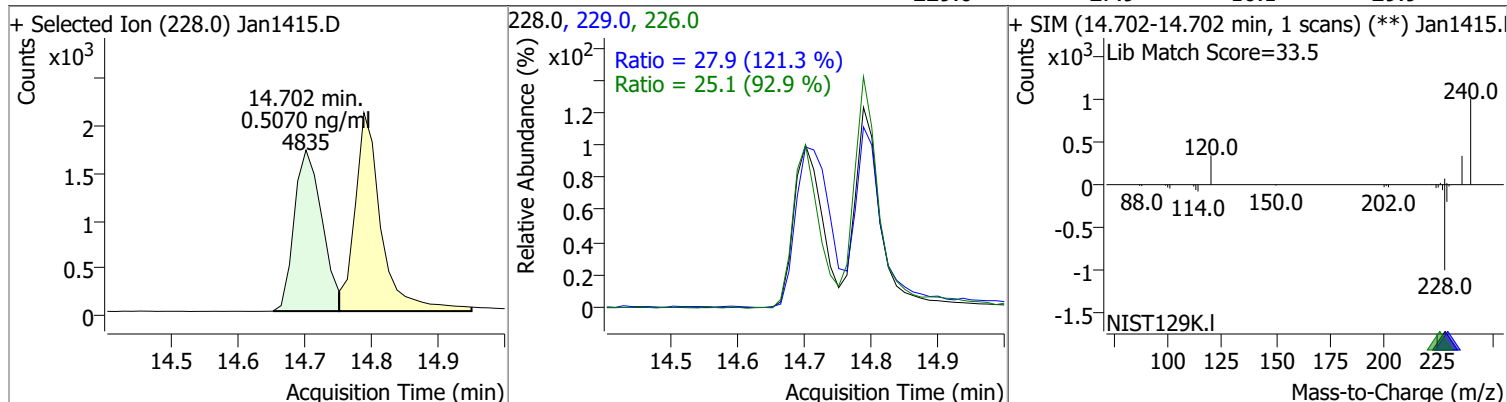
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	0.4973	11.79	0.00	6254	101.0	15.7	10.7	20.0



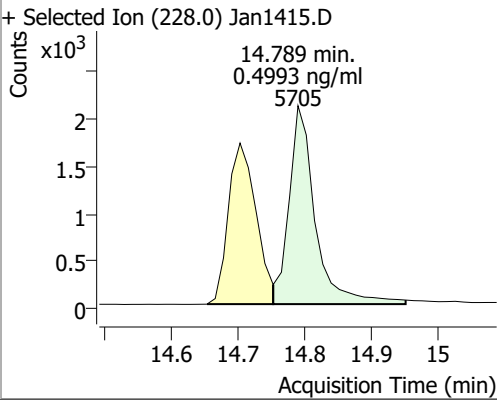
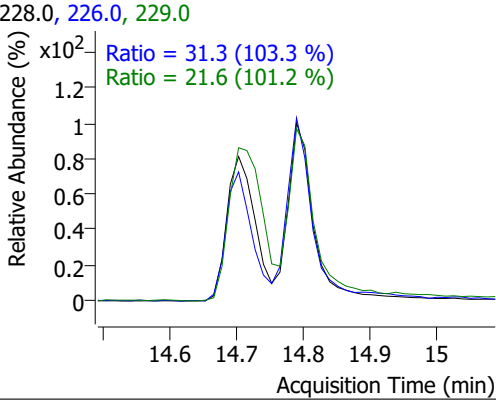
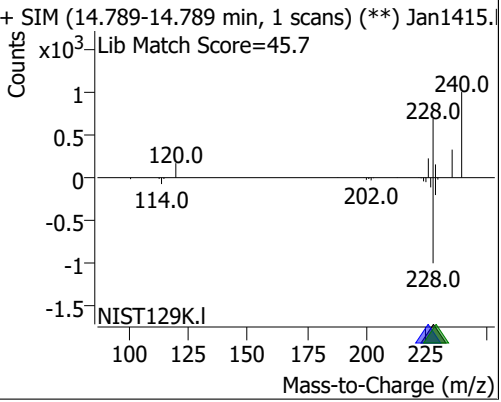
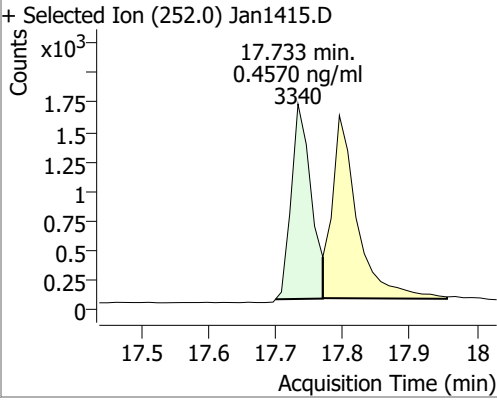
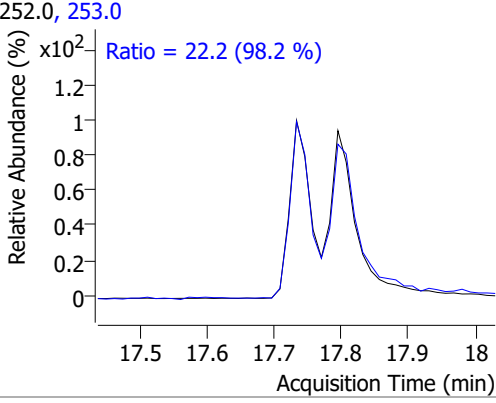
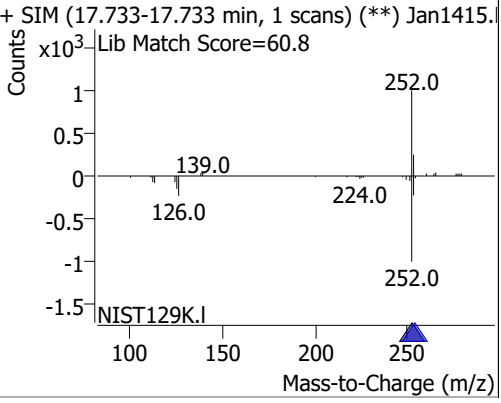
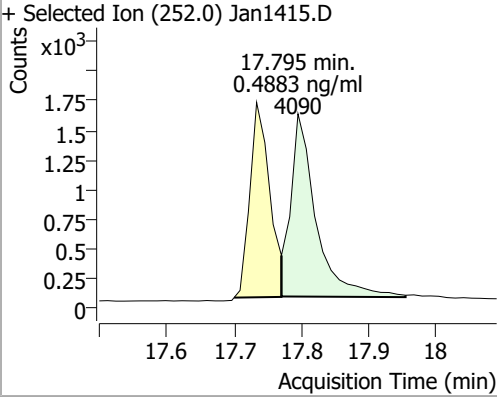
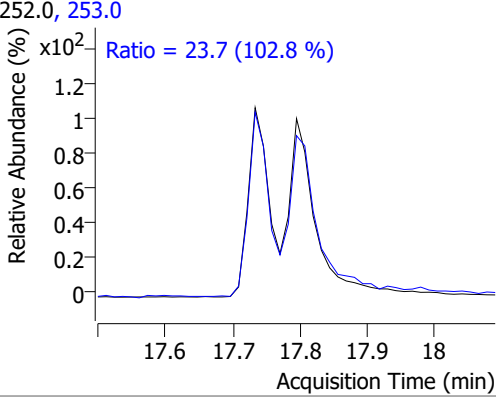
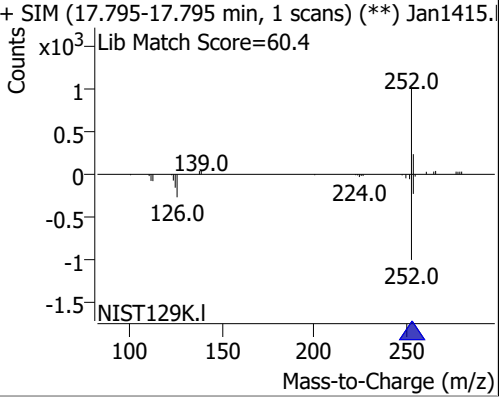
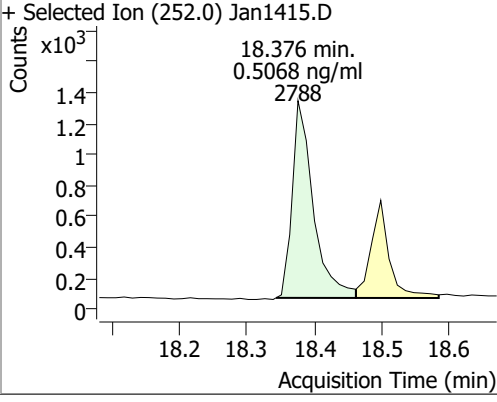
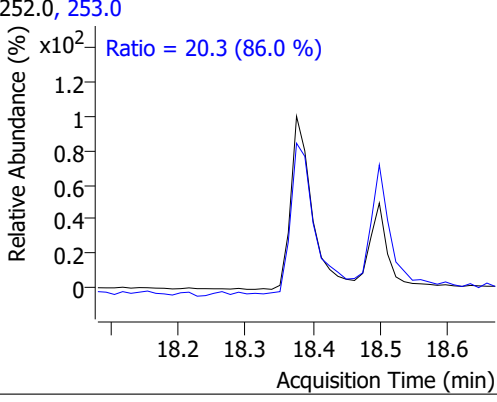
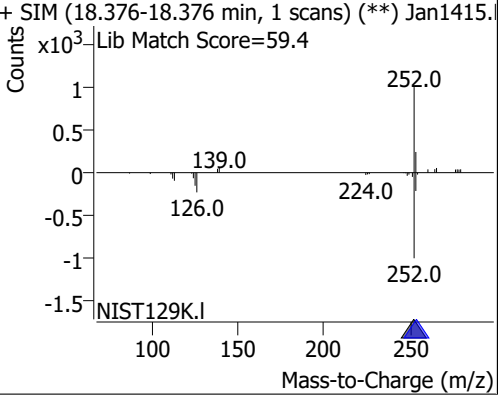
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	0.5010	12.26	0.00	2395	122.0	20.8	13.4	25.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	0.5070	14.70	0.00	4835	226.0	25.1	18.9	35.1
					229.0	27.9	16.1	29.9

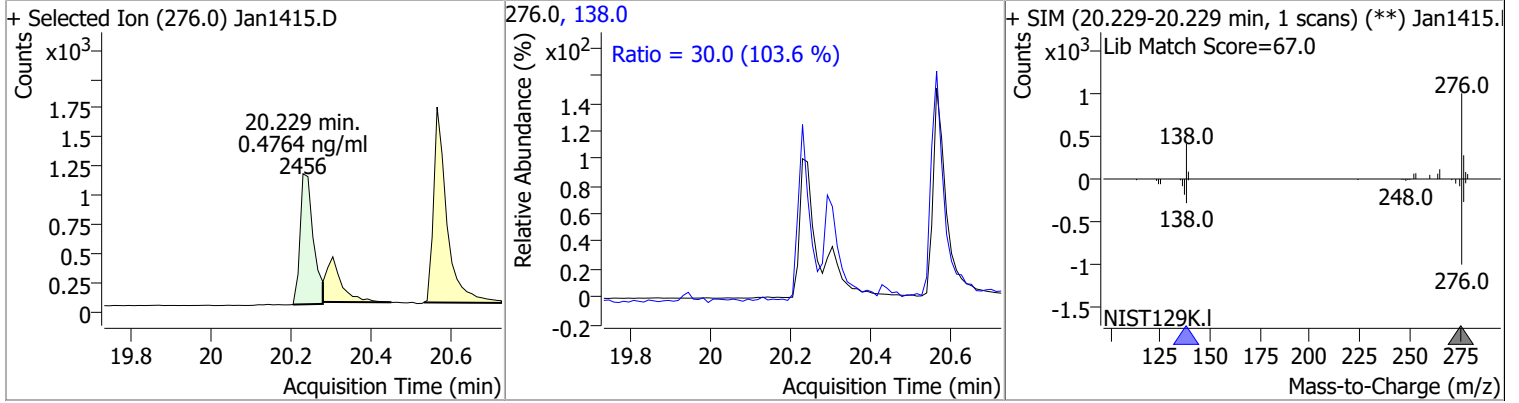


# Quantitation Results Report (QT Reviewed)

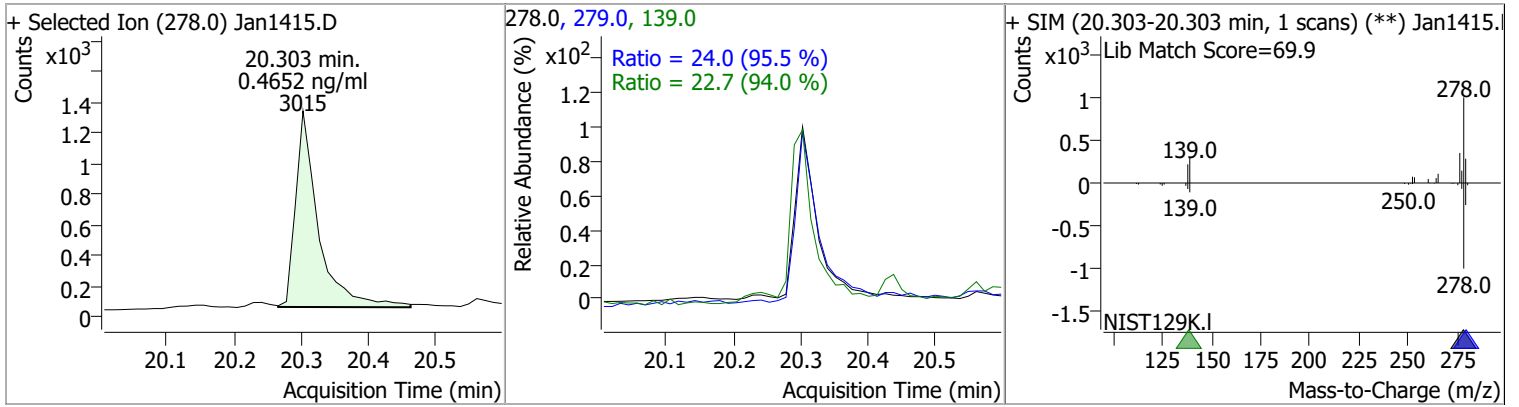
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0.4993	14.79	0.00	5705	226.0 229.0	31.3 21.6	21.2 15.0	39.4 27.8
+ Selected Ion (228.0) Jan1415.D 			228.0, 226.0, 229.0 			+ SIM (14.789-14.789 min, 1 scans) (**) Jan1415. Lib Match Score=45.7 		
Benzo(b)fluoranthene	0.4570	17.73	0.00	3340	253.0	22.2	15.8	29.4
+ Selected Ion (252.0) Jan1415.D 			252.0, 253.0 			+ SIM (17.733-17.733 min, 1 scans) (**) Jan1415. Lib Match Score=60.8 		
Benzo(k)fluoranthene	0.4883	17.80	0.00	4090	253.0	23.7	16.1	29.9
+ Selected Ion (252.0) Jan1415.D 			252.0, 253.0 			+ SIM (17.795-17.795 min, 1 scans) (**) Jan1415. Lib Match Score=60.4 		
Benzo(a)pyrene	0.5068	18.38	0.00	2788	253.0	20.3	16.5	30.6
+ Selected Ion (252.0) Jan1415.D 			252.0, 253.0 			+ SIM (18.376-18.376 min, 1 scans) (**) Jan1415. Lib Match Score=59.4 		

# Quantitation Results Report (QT Reviewed)

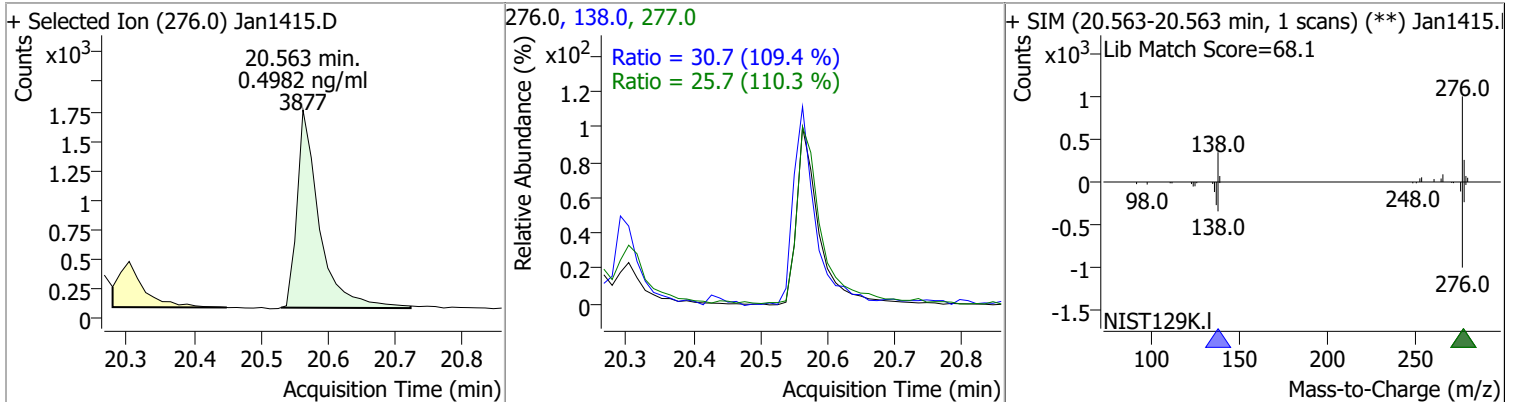
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	0.4764	20.23	0.00	2456	138.0	30.0	20.3	37.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	0.4652	20.30	0.00	3015	279.0	24.0	17.6	32.7
					139.0	22.7	16.9	31.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	0.4982	20.56	0.00	3877	138.0	30.7	19.6	36.5
					277.0	25.7	16.3	30.2

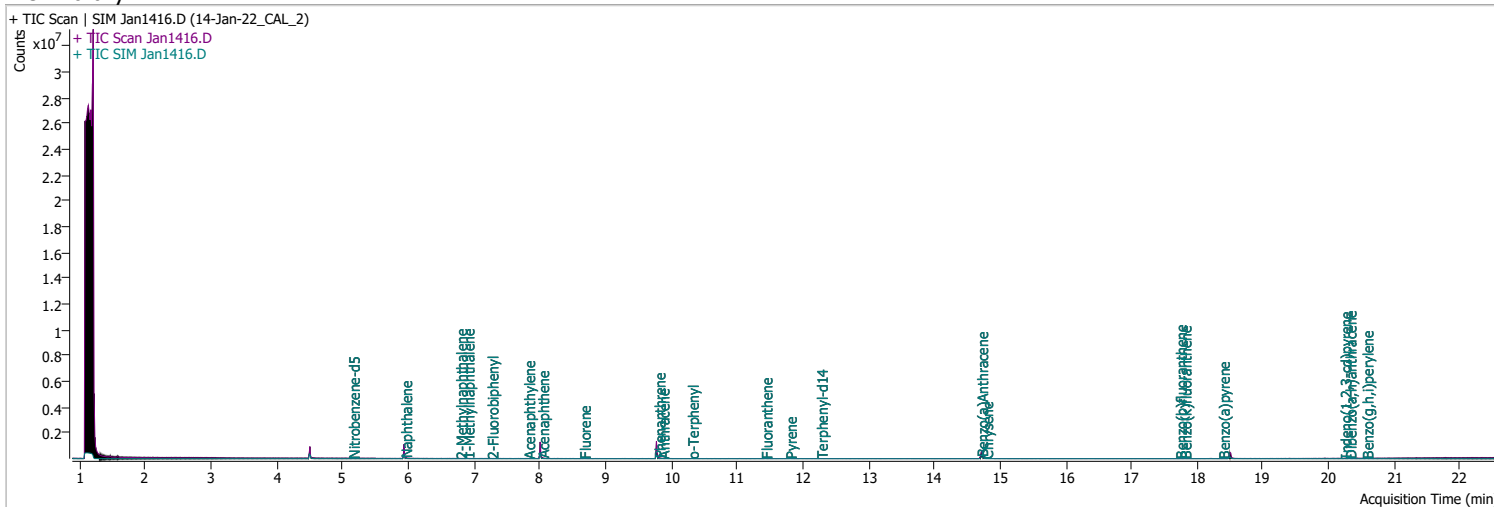




# Quantitation Results Report (QT Reviewed)

Data File	Jan1416.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/14/2022 7:24:38 PM
Sample Name	14-Jan-22_CAL_2	Instrument	GCMS
Vial	7	Multiplier	1.00
DA Method File		Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011422 bna SIM 2.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.509	152.0	164224	40.0000	ng/ml	0.013
M Naphthalene-d8	5.941	136.0	300080	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	166596	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.780	188.0	338512	40.0000	ng/ml	0.000
M Chrysene-d12	14.726	240.0	249293	40.0000	ng/ml	0.000
M Perylene-d12	18.499	264.0	157130	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.156	82.0	517	0.1879	ng/ml	0.013
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 3.76%	*	
S 2-Fluorobiphenyl	7.265	172.0	1673	0.2089	ng/ml	0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 4.18%	*	
S o-Terphenyl	10.311	230.0	1139	0.2067	ng/ml	0.013
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 4.13%	*	
S Terphenyl-d14	12.275	244.0	1025	0.1956	ng/ml	0.013
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 3.91%	*	
<b>Target Compounds</b>						
T Naphthalene	5.953	128.0	2073	0.1997	ng/ml #	50
T 2-Methylnaphthalene	6.790	141.0	1180	0.2036	ng/ml	93
T 1-Methylnaphthalene	6.902	141.0	1294	0.2118	ng/ml	90
T Acenaphthylene	7.826	152.0	2056	0.2013	ng/ml	99
T Acenaphthene	8.038	154.0	1362	0.2086	ng/ml m	99
T Fluorene	8.674	166.0	1584	0.2050	ng/ml	99
T Phenanthrene	9.805	178.0	2407	0.1949	ng/ml m	93
T Anthracene	9.867	178.0	2045	0.1996	ng/ml m	99
T Fluoranthene	11.435	202.0	2335	0.2033	ng/ml	100
T Pyrene	11.806	202.0	2532	0.2016	ng/ml	97
T Benzo(a)Anthracene	14.714	228.0	2551	0.1889	ng/ml #	89
T Chrysene	14.789	228.0	2587	0.2267	ng/ml	96
T Benzo(b)fluoranthene	17.733	252.0	1292	0.1825	ng/ml	97

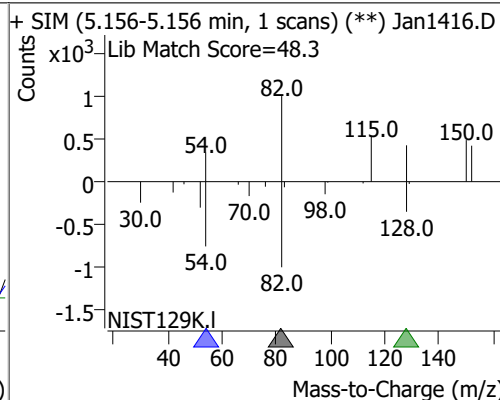
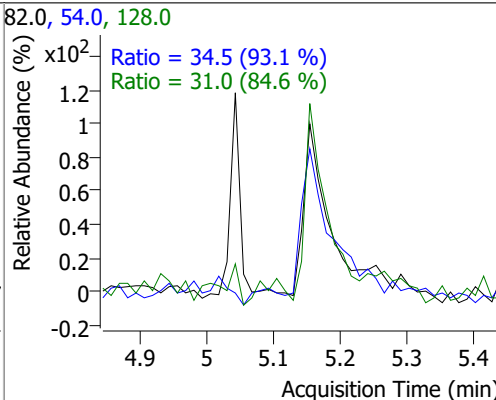
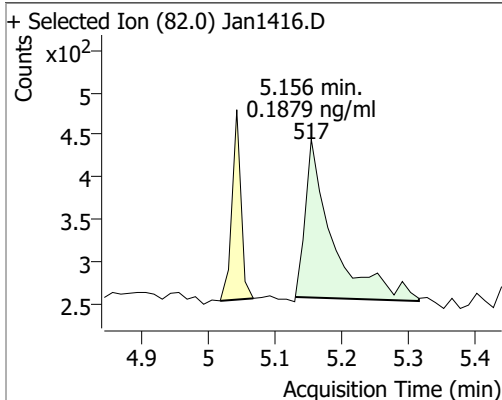
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.807	252.0	1925	0.2319	ng/ml	96
T Benzo(a)pyrene	18.388	252.0	1118	0.1997	ng/ml	95
T Indeno(1,2,3-cd)pyrene	20.242	276.0	997	0.1963	ng/ml	96
T Dibenzo(a,h)anthracene	20.316	278.0	1302	0.2075	ng/ml	94
T Benzo(g,h,i)perylene	20.575	276.0	1687	0.2109	ng/ml	98

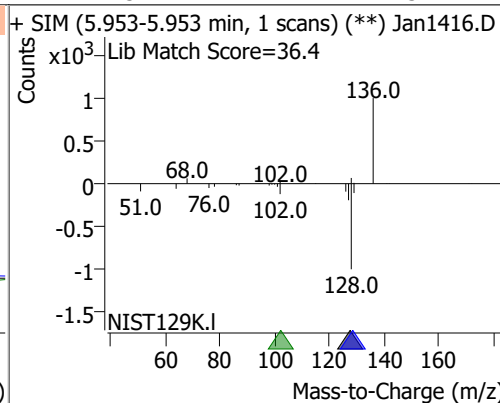
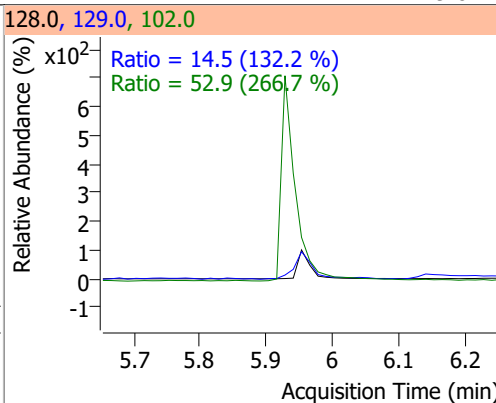
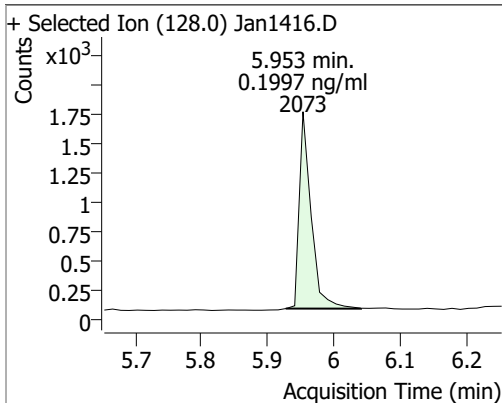
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

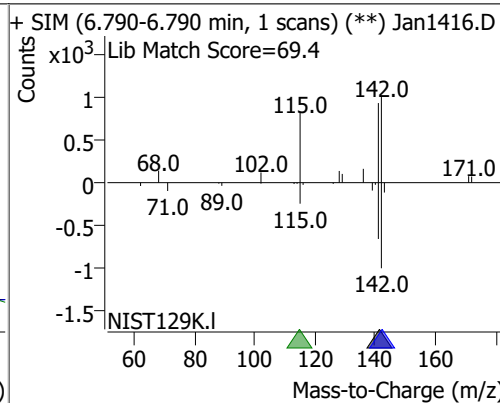
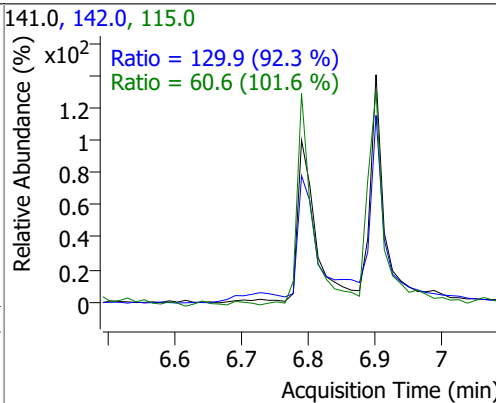
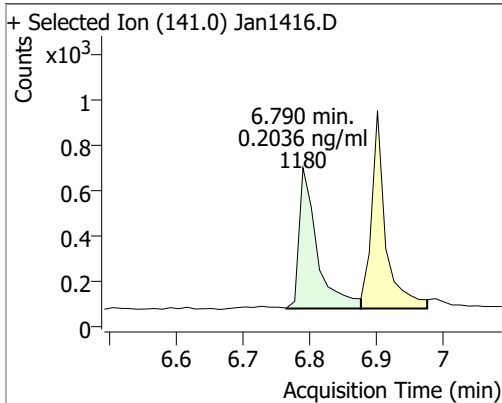
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	0.1879	5.16	0.01	517	54.0	34.5	25.9	48.1
					128.0	31.0	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	0.1997	5.95	0.00	2073	102.0	52.9	0.0	59.6
					129.0	14.5	7.7	14.3

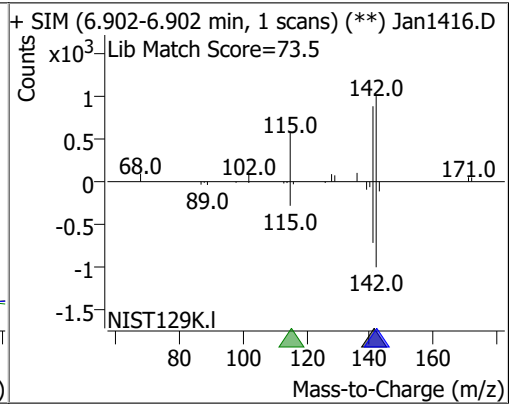
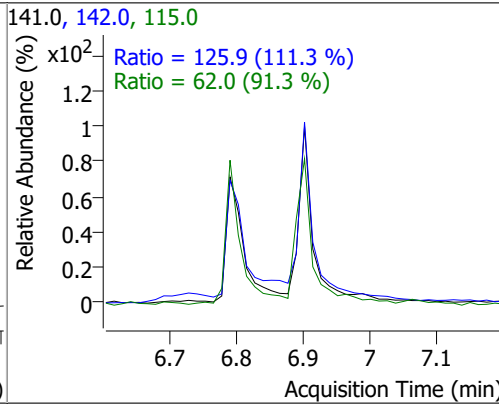
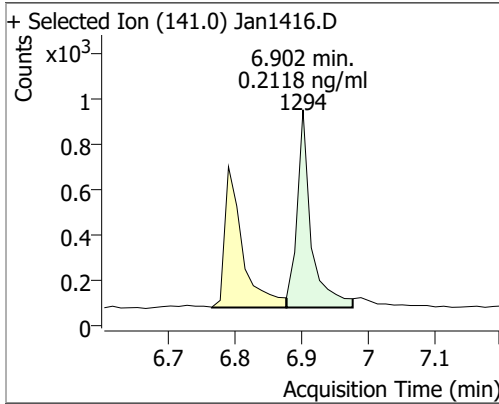


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	0.2036	6.79	0.00	1180	142.0	129.9	98.5	183.0
					115.0	60.6	41.8	77.6

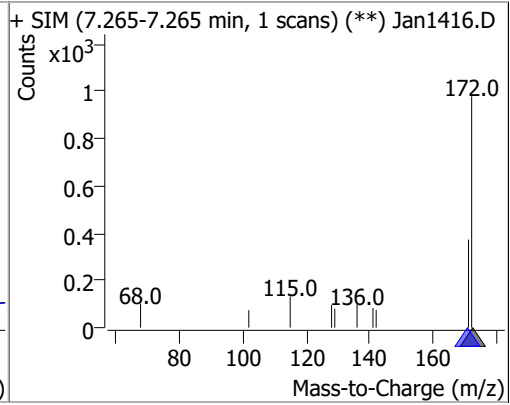
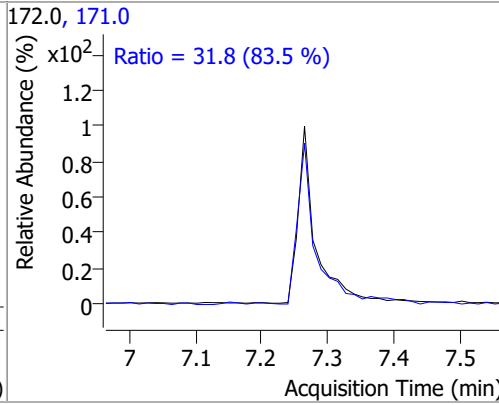
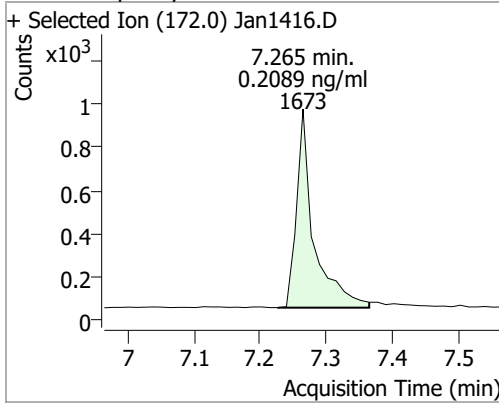


# Quantitation Results Report (QT Reviewed)

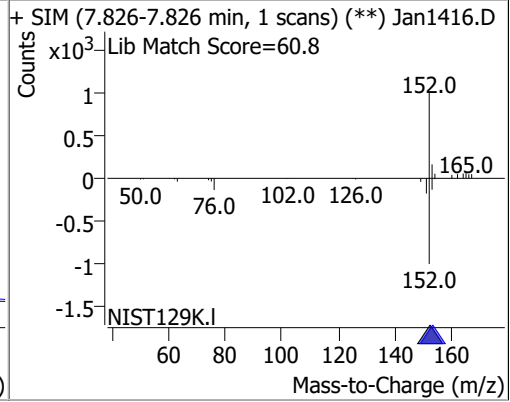
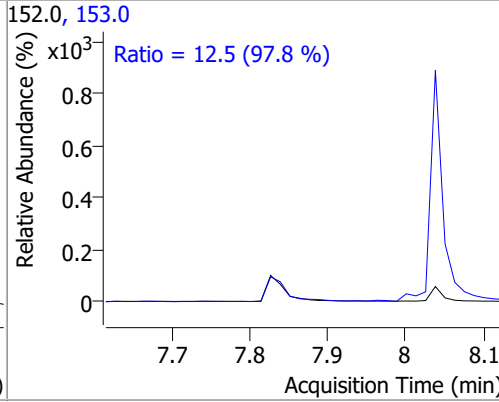
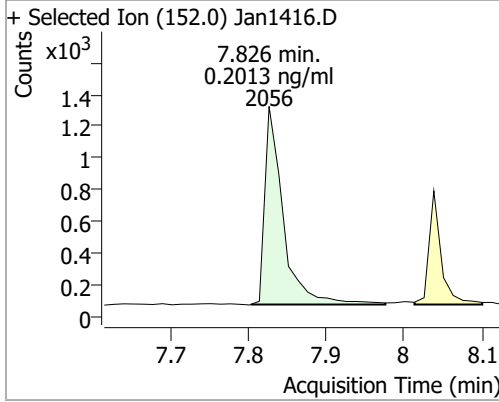
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	0.2118	6.90	0.00	1294	142.0	125.9	79.2	147.1
					115.0	62.0	47.5	88.2



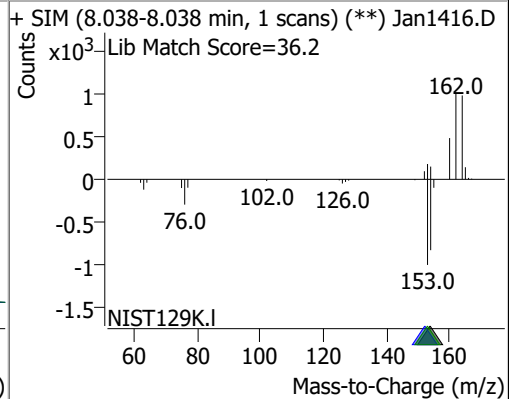
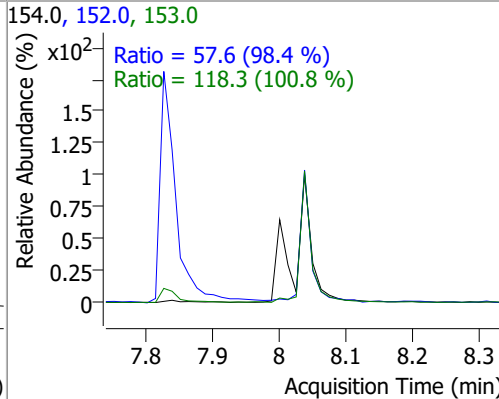
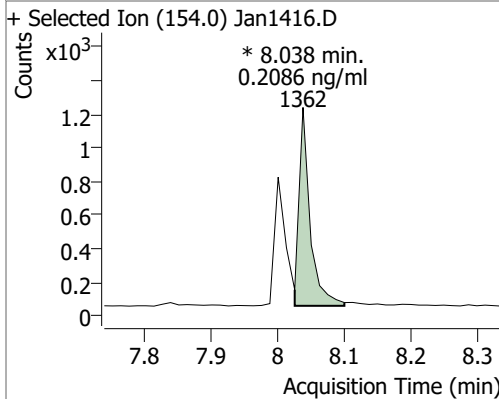
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	0.2089	7.26	0.00	1673	171.0	31.8	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	0.2013	7.83	0.00	2056	153.0	12.5	9.0	16.6

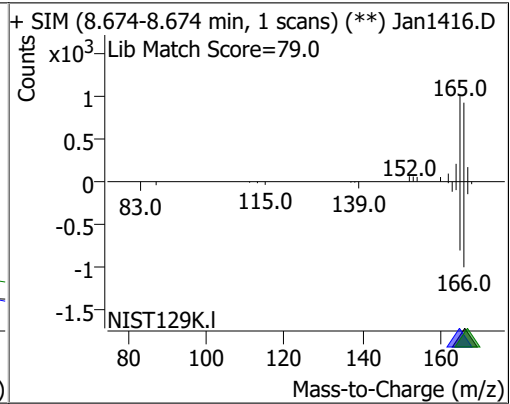
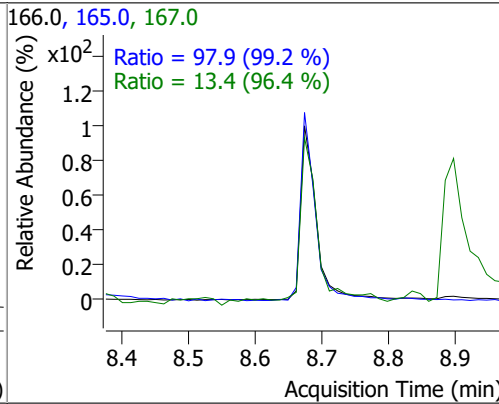
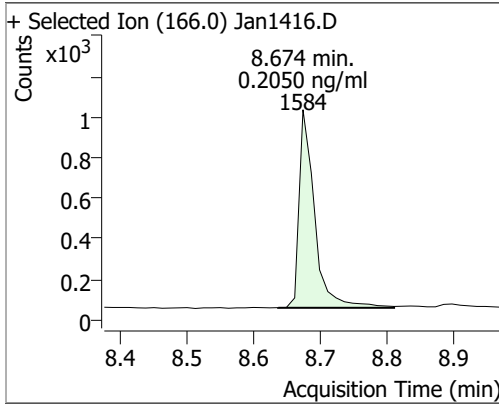


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	0.2086	8.04	0.00	1362 (m)	153.0	118.3	82.1	152.6
					152.0	57.6	41.0	76.1

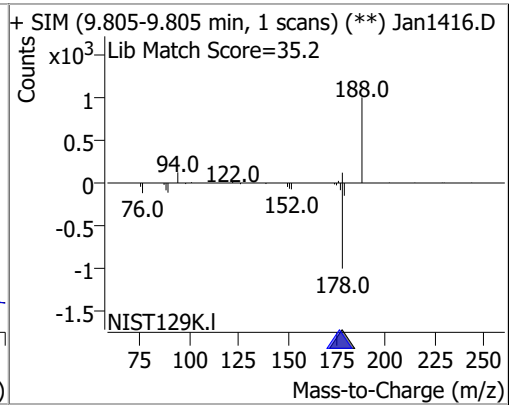
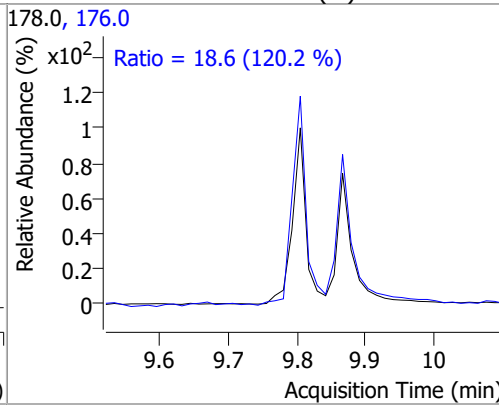
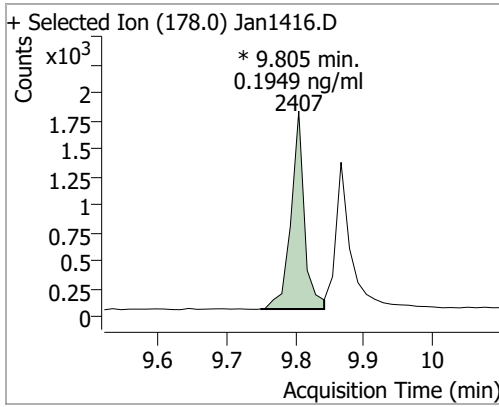


# Quantitation Results Report (QT Reviewed)

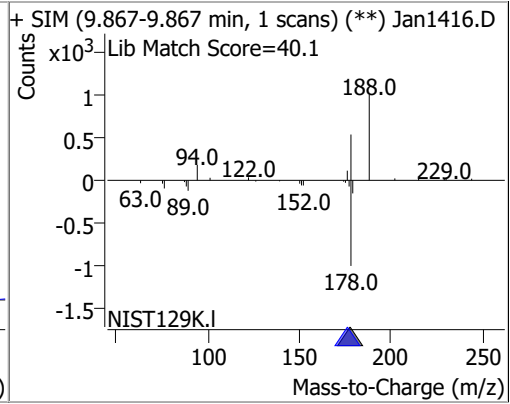
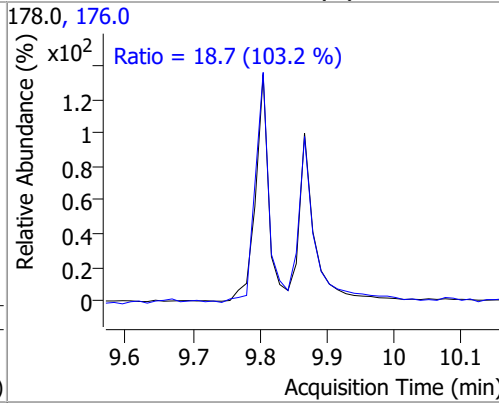
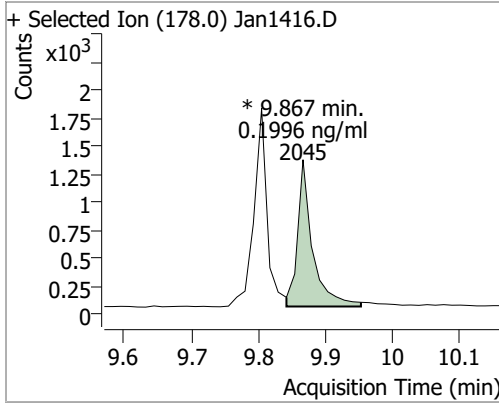
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	0.2050	8.67	0.00	1584	165.0	97.9	69.1	128.3
					167.0	13.4	9.7	18.0



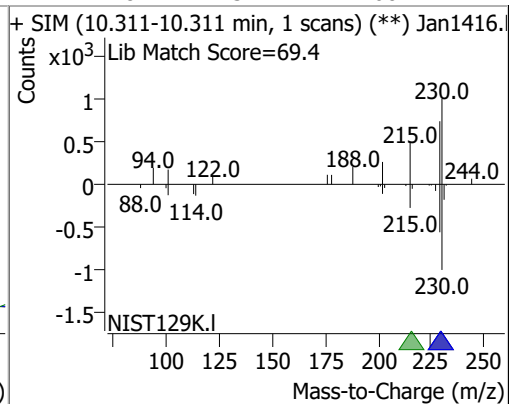
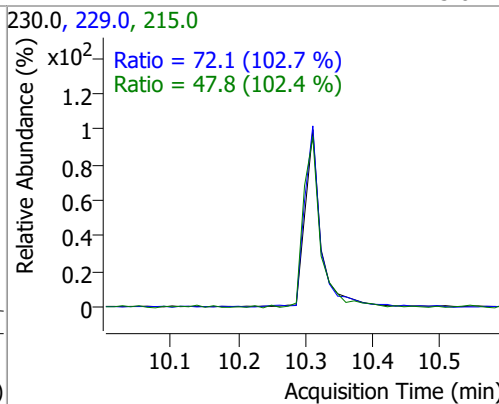
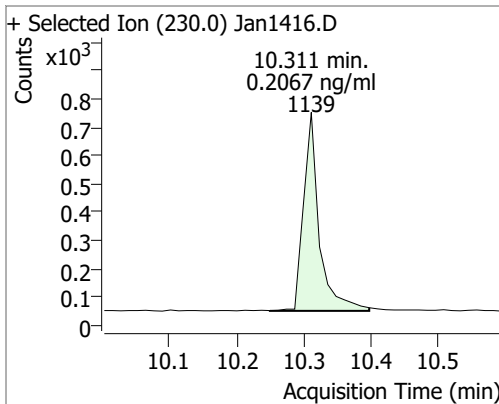
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	0.1949	9.81	0.00	2407 (m)	176.0	18.6	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	0.1996	9.87	0.00	2045 (m)	176.0	18.7	12.7	23.5

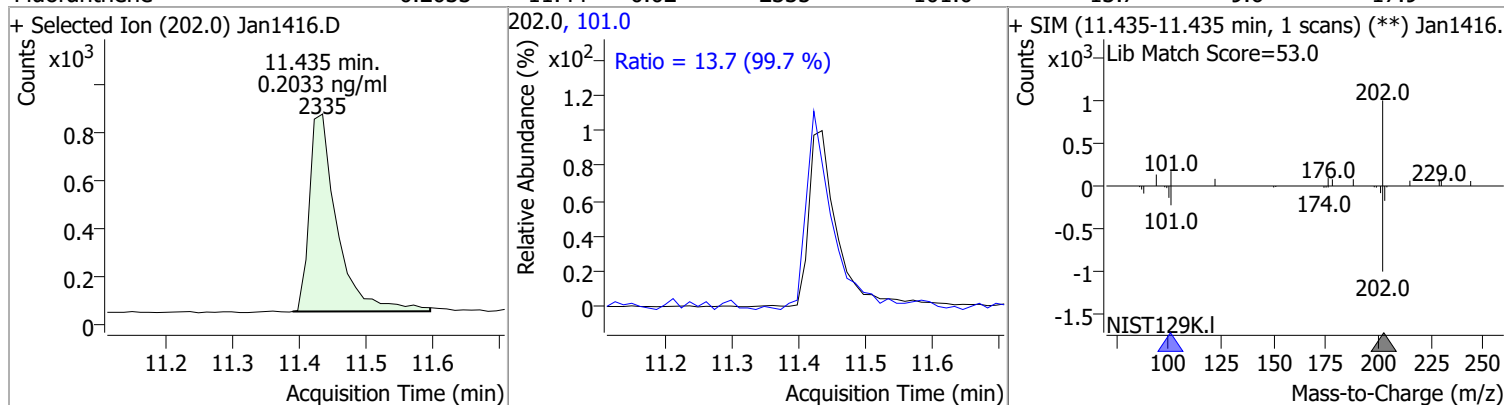


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.2067	10.31	0.01	1139	229.0	72.1	49.2	91.3
					215.0	47.8	32.7	60.7

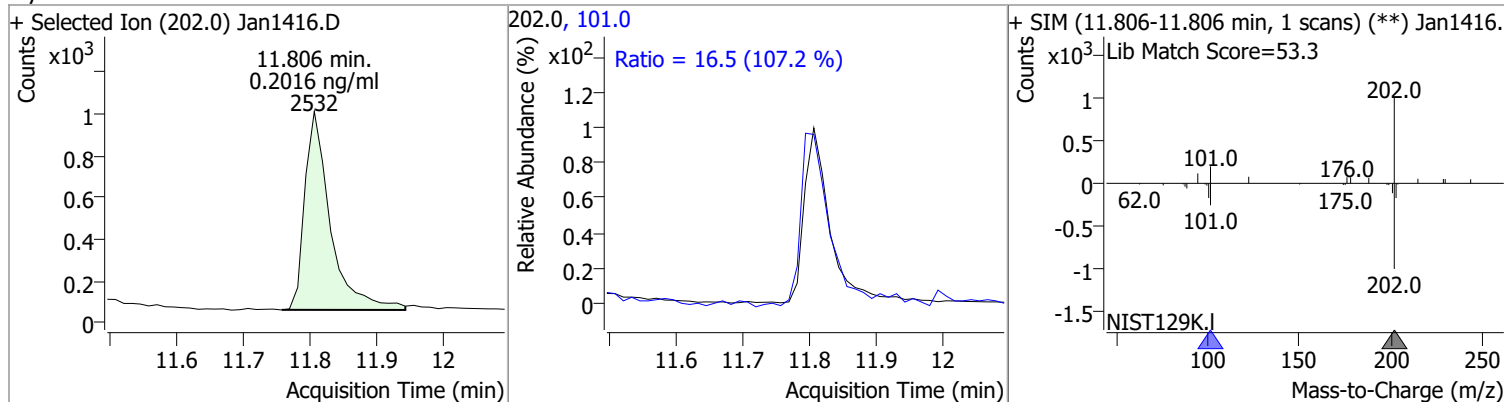


# Quantitation Results Report (QT Reviewed)

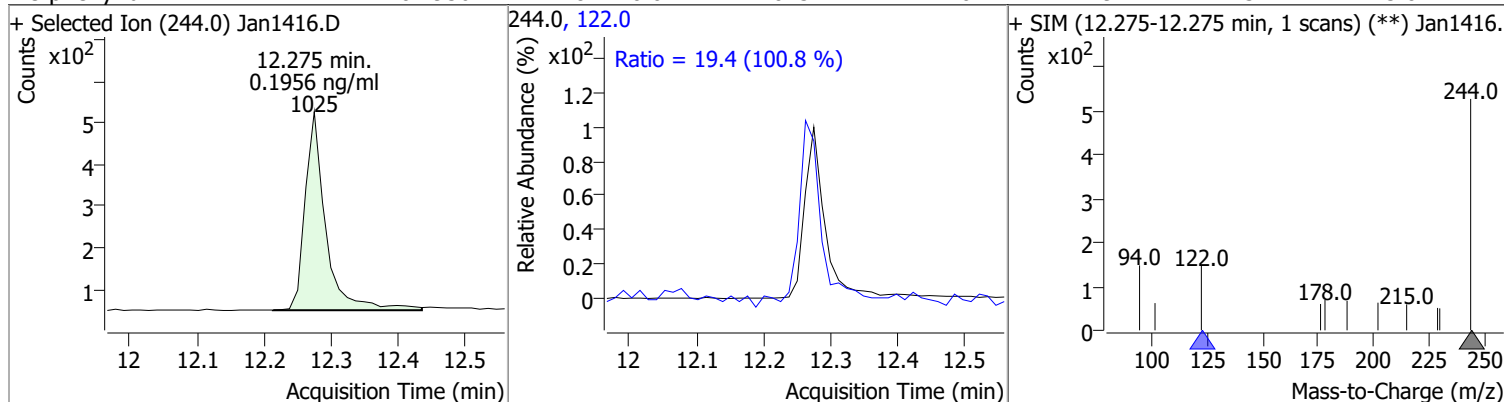
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	0.2033	11.44	0.02	2335	101.0	13.7	9.6	17.9



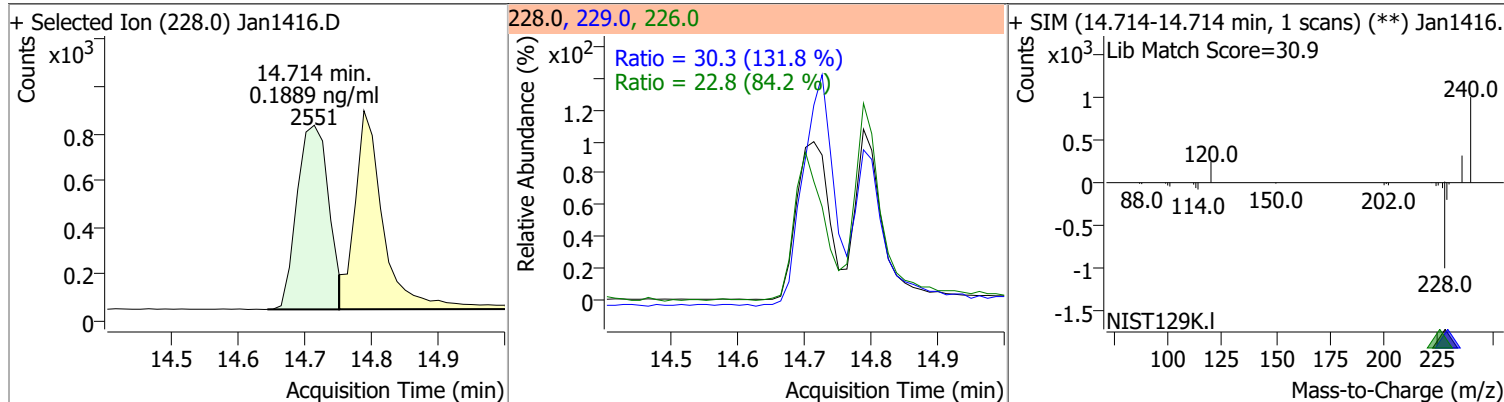
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	0.2016	11.81	0.01	2532	101.0	16.5	10.7	20.0



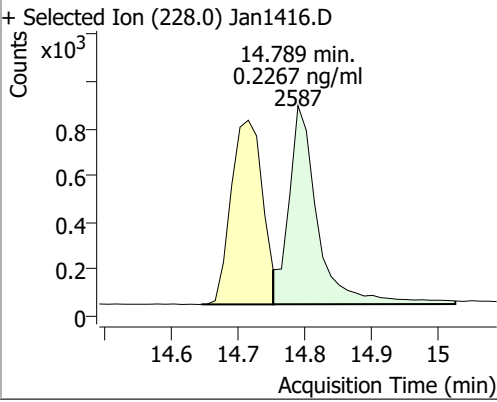
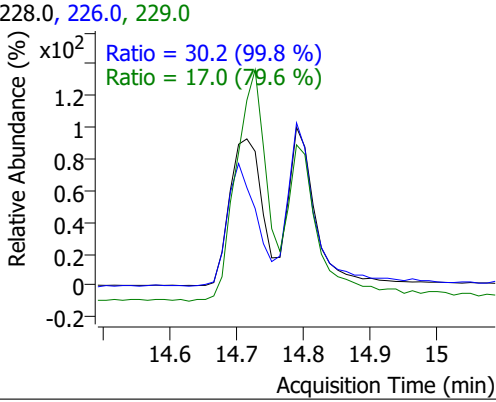
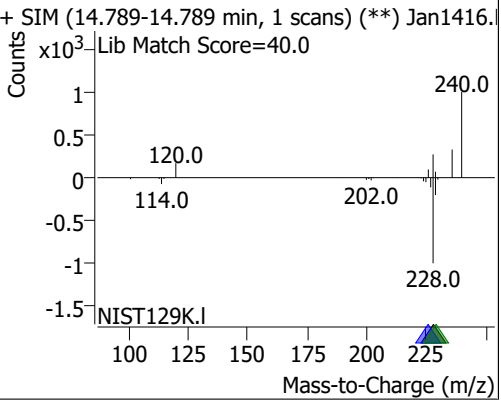
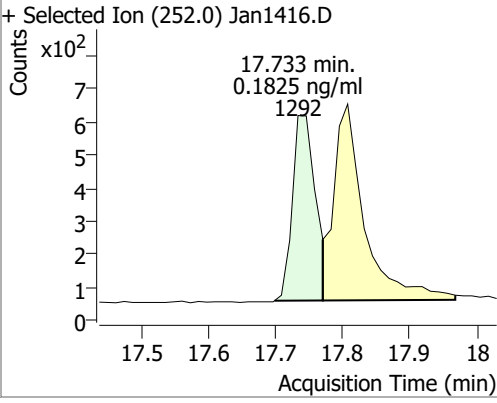
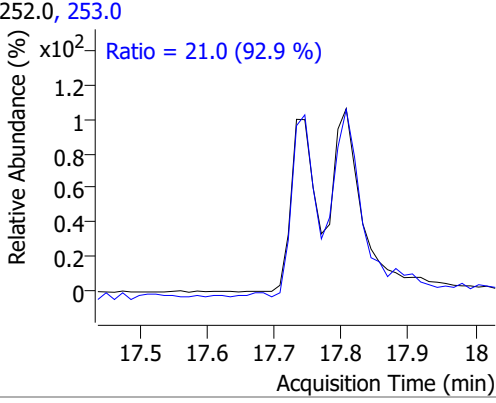
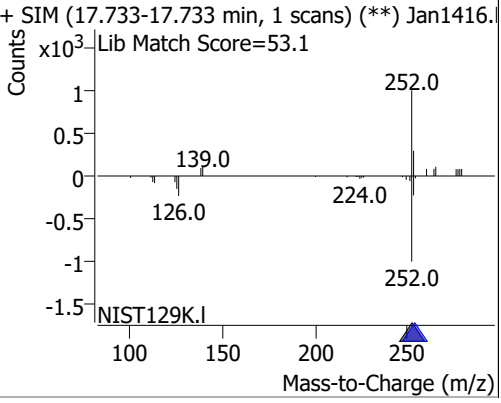
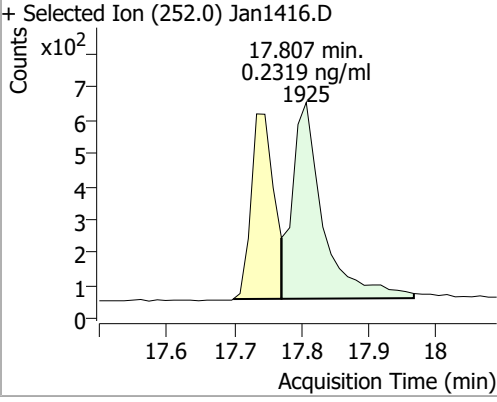
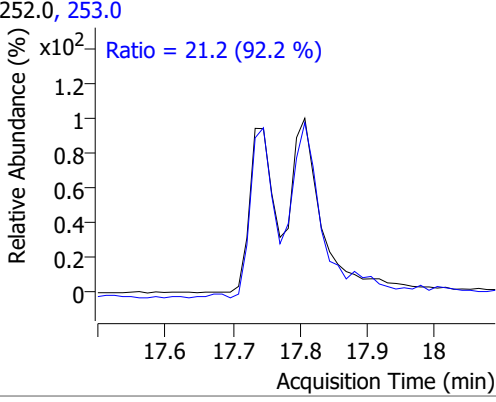
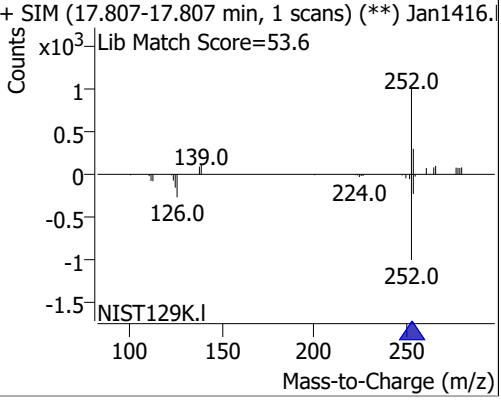
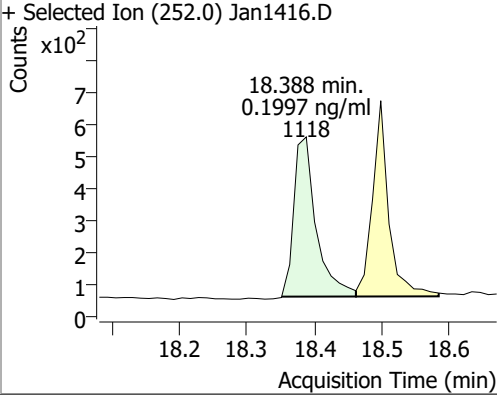
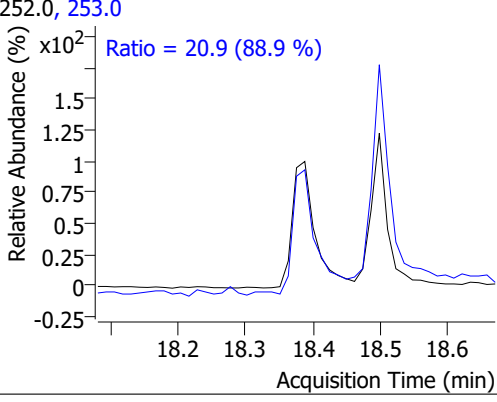
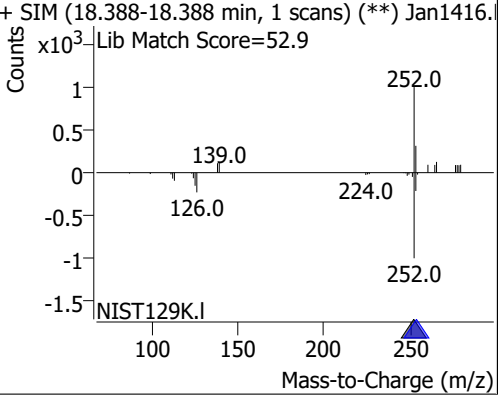
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	0.1956	12.28	0.01	1025	122.0	19.4	13.4	25.0



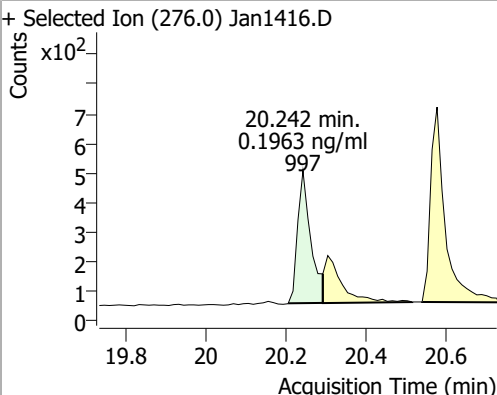
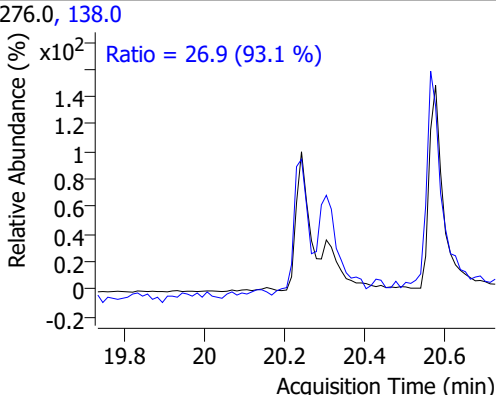
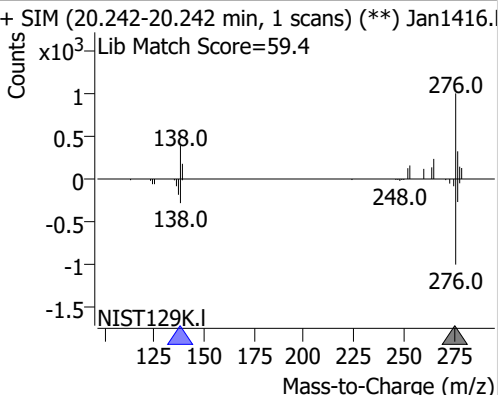
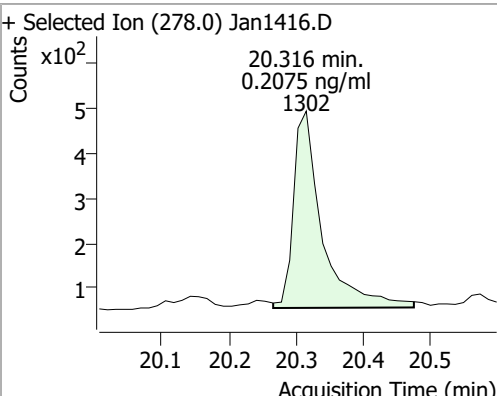
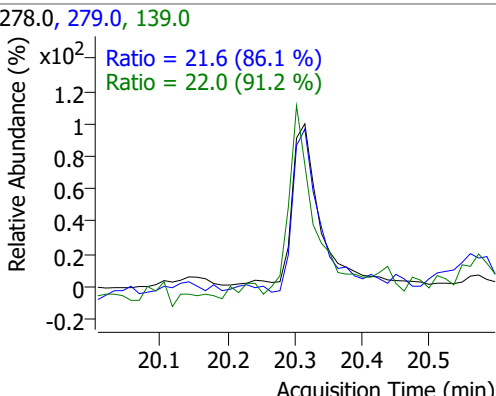
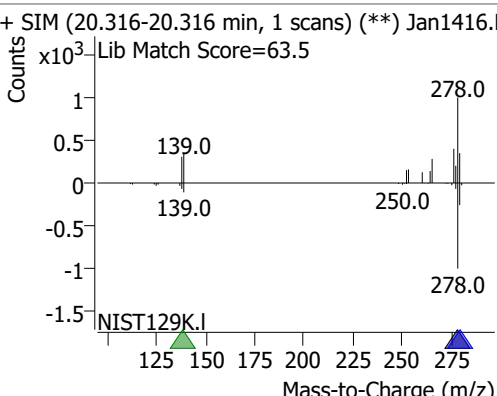
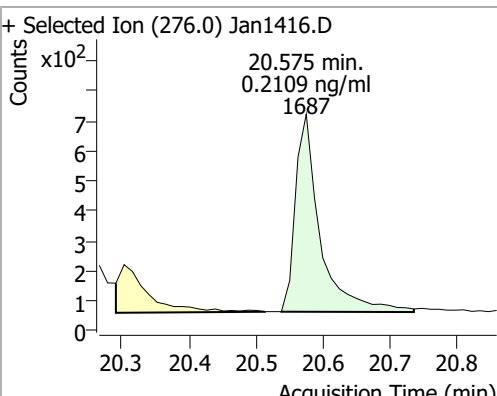
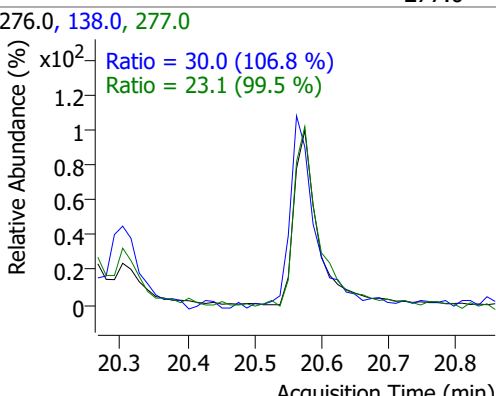
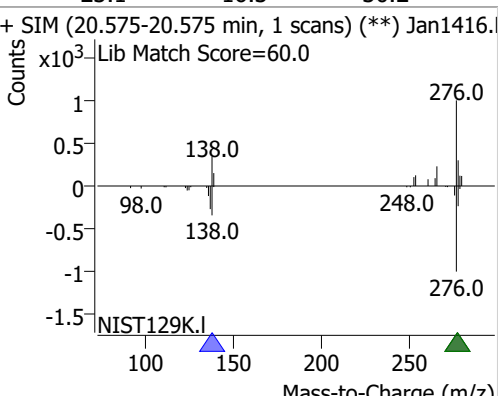
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	0.1889	14.71	0.01	2551	226.0 229.0	22.8 30.3	18.9 16.1	35.1 29.9



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0.2267	14.79	0.00	2587	226.0 229.0	30.2 17.0	21.2 15.0	39.4 27.8
+ Selected Ion (228.0) Jan1416.D 			228.0, 226.0, 229.0 			+ SIM (14.789-14.789 min, 1 scans) (**) Jan1416. Lib Match Score=40.0 		
Benzo(b)fluoranthene	0.1825	17.73	0.00	1292	253.0	21.0	15.8	29.4
+ Selected Ion (252.0) Jan1416.D 			252.0, 253.0 			+ SIM (17.733-17.733 min, 1 scans) (**) Jan1416. Lib Match Score=53.1 		
Benzo(k)fluoranthene	0.2319	17.81	0.01	1925	253.0	21.2	16.1	29.9
+ Selected Ion (252.0) Jan1416.D 			252.0, 253.0 			+ SIM (17.807-17.807 min, 1 scans) (**) Jan1416. Lib Match Score=53.6 		
Benzo(a)pyrene	0.1997	18.39	0.01	1118	253.0	20.9	16.5	30.6
+ Selected Ion (252.0) Jan1416.D 			252.0, 253.0 			+ SIM (18.388-18.388 min, 1 scans) (**) Jan1416. Lib Match Score=52.9 		

# Quantitation Results Report (QT Reviewed)

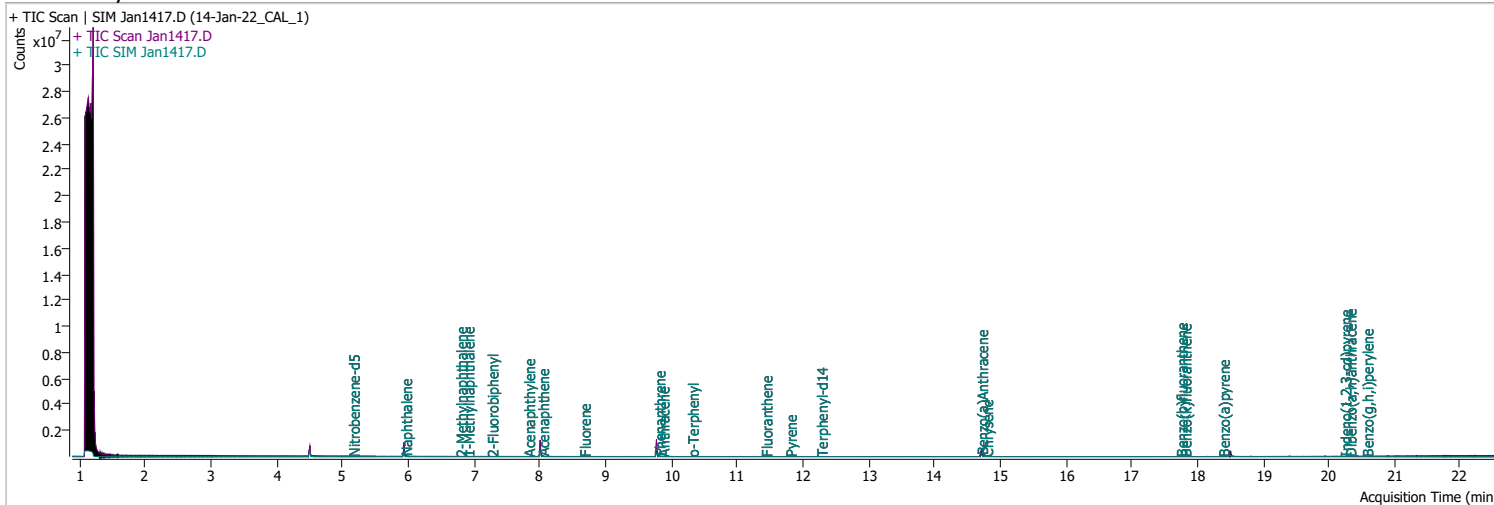
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	0.1963	20.24	0.01	997	138.0	26.9	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1416.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 26.9 (93.1 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.242-20.242 min, 1 scans) (**) Jan1416.D</p> <p>Lib Match Score=59.4</p>  </div> </div>								
Dibenzo(a,h)anthracene	0.2075	20.32	0.01	1302	279.0	21.6	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan1416.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 21.6 (86.1 %)</p> <p>Ratio = 22.0 (91.2 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.316-20.316 min, 1 scans) (**) Jan1416.D</p> <p>Lib Match Score=63.5</p>  </div> </div>								
Benzo(g,h,i)perylene	0.2109	20.58	0.01	1687	138.0	30.0	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1416.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 30.0 (106.8 %)</p> <p>Ratio = 23.1 (99.5 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.575-20.575 min, 1 scans) (**) Jan1416.D</p> <p>Lib Match Score=60.0</p>  </div> </div>								



# Quantitation Results Report (QT Reviewed)

Data File	Jan1417.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/14/2022 7:57:03 PM
Sample Name	14-Jan-22_CAL_1	Instrument	GCMS
Vial	8	Multiplier	1.00
DA Method File		Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011422 bna SIM 2.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.509	152.0	163131	40.0000	ng/ml	0.012
M Naphthalene-d8	5.941	136.0	290643	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.013	164.0	159286	40.0000	ng/ml	0.013
M Phenanthrene-d10	9.780	188.0	321717	40.0000	ng/ml	0.000
M Chrysene-d12	14.726	240.0	239183	40.0000	ng/ml	0.000
M Perylene-d12	18.499	264.0	151093	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.156	82.0	285	0.1077	ng/ml	#m 0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 2.15%		*
S 2-Fluorobiphenyl	7.264	172.0	861	0.1124	ng/ml	m 0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 2.25%		*
S o-Terphenyl	10.311	230.0	615	0.1175	ng/ml	m 0.012
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 2.35%		*
S Terphenyl-d14	12.275	244.0	584	0.1024	ng/ml	m 0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 2.05%		*
<b>Target Compounds</b>						
T Naphthalene	5.953	128.0	1112	0.1106	ng/ml	# 67
T 2-Methylnaphthalene	6.790	141.0	617	0.1100	ng/ml	82
T 1-Methylnaphthalene	6.902	141.0	700	0.1182	ng/ml	94
T Acenaphthylene	7.826	152.0	1074	0.1100	ng/ml	93
T Acenaphthene	8.038	154.0	747	0.1195	ng/ml	m 88
T Fluorene	8.673	166.0	850	0.1150	ng/ml	97
T Phenanthrene	9.805	178.0	1388	0.1015	ng/ml	98
T Anthracene	9.867	178.0	1099	0.0983	ng/ml	99
T Fluoranthene	11.435	202.0	1222	0.1120	ng/ml	m 100
T Pyrene	11.806	202.0	1310	0.1087	ng/ml	m 98
T Benzo(a)Anthracene	14.714	228.0	1860	0.1028	ng/ml	#m 85
T Chrysene	14.789	228.0	1172	0.1070	ng/ml	m 97
T Benzo(b)fluoranthene	17.746	252.0	754	0.1108	ng/ml	97

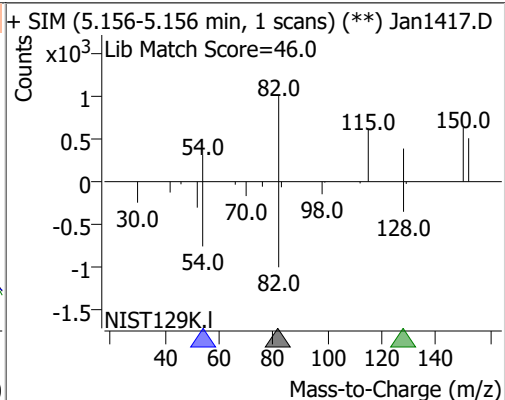
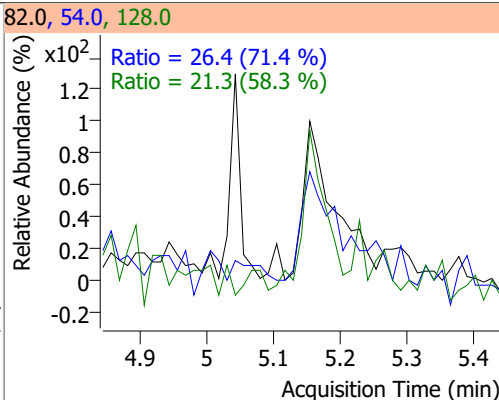
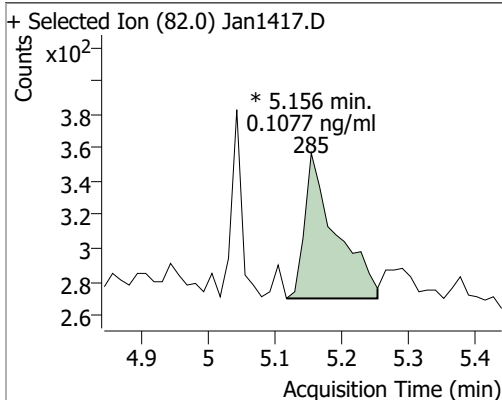
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.807	252.0	773	0.0900	ng/ml	m 92
T Benzo(a)pyrene	18.388	252.0	571	0.0968	ng/ml	m 93
T Indeno(1,2,3-cd)pyrene	20.241	276.0	532	0.1054	ng/ml	95
T Dibenzo(a,h)anthracene	20.316	278.0	652	0.1080	ng/ml	98
T Benzo(g,h,i)perylene	20.575	276.0	807	0.0922	ng/ml	#m 81

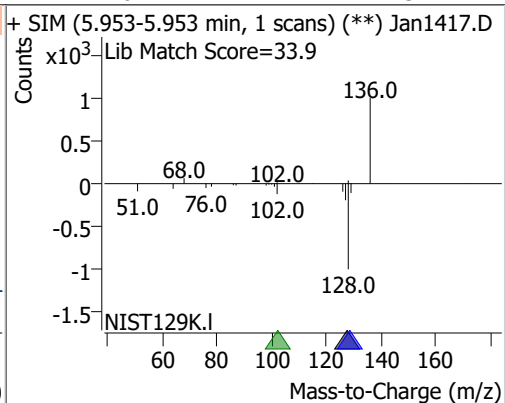
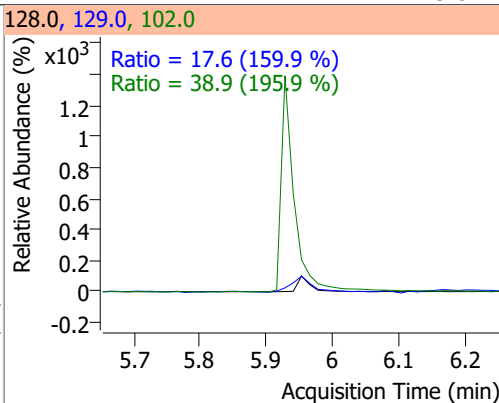
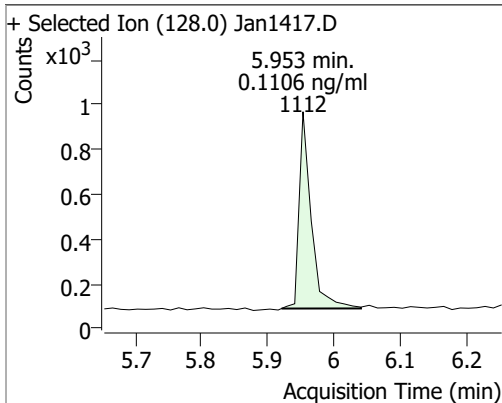
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

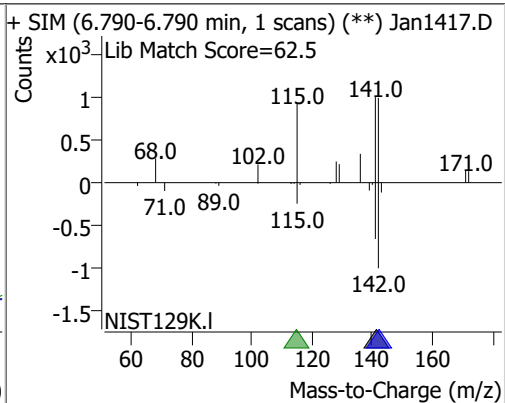
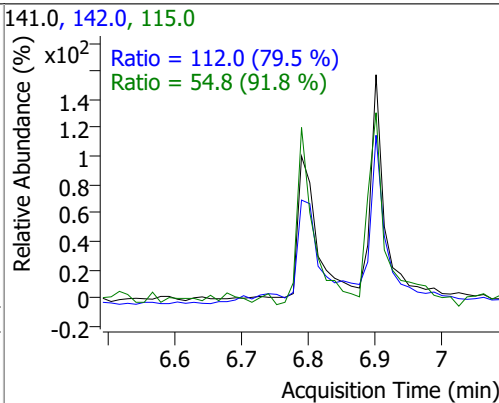
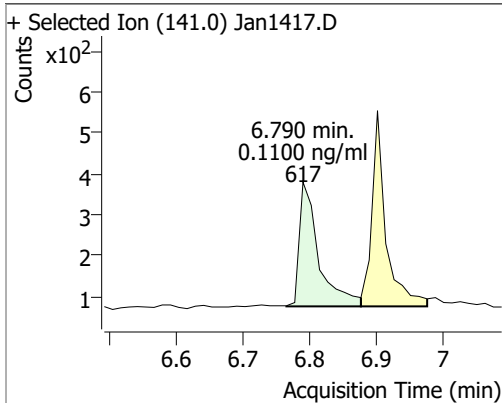
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	0.1077	5.16	0.01	285 (m)	54.0	26.4	25.9	48.1
					128.0	21.3	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	0.1106	5.95	0.00	1112	102.0	38.9	0.0	59.6
					129.0	17.6	7.7	14.3

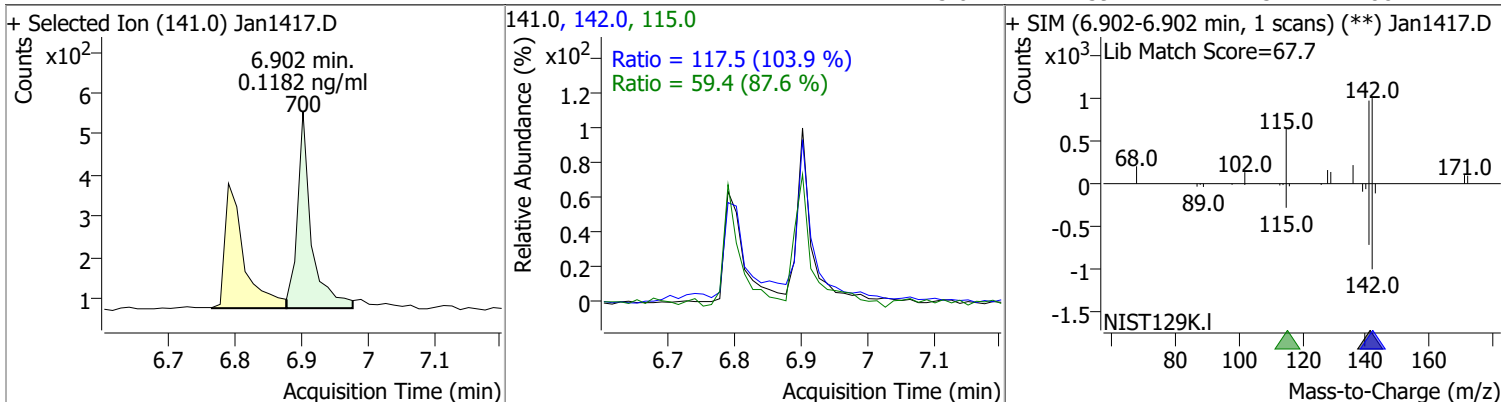


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	0.1100	6.79	0.00	617	142.0	112.0	98.5	183.0
					115.0	54.8	41.8	77.6

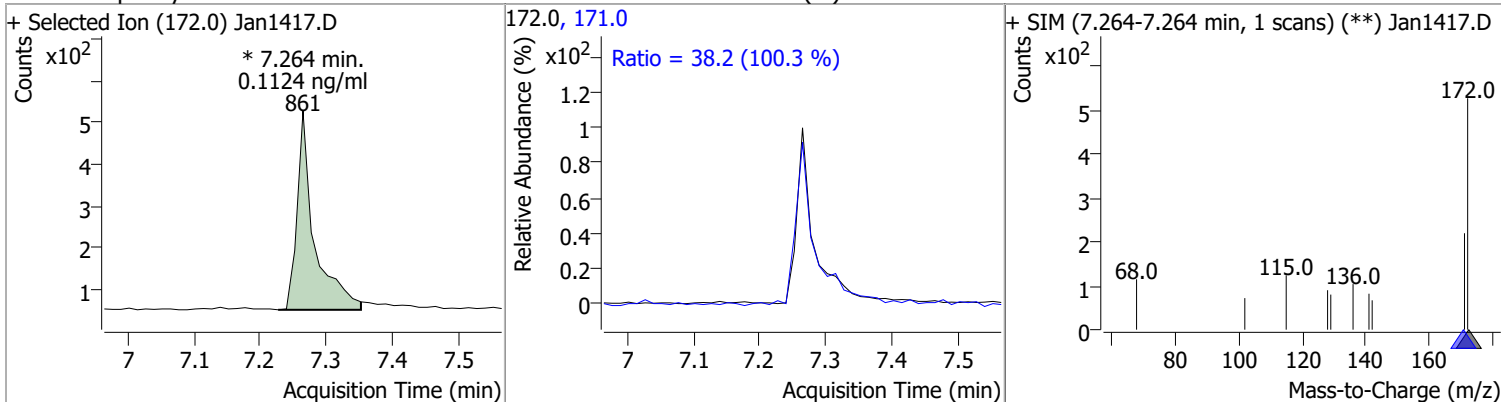


# Quantitation Results Report (QT Reviewed)

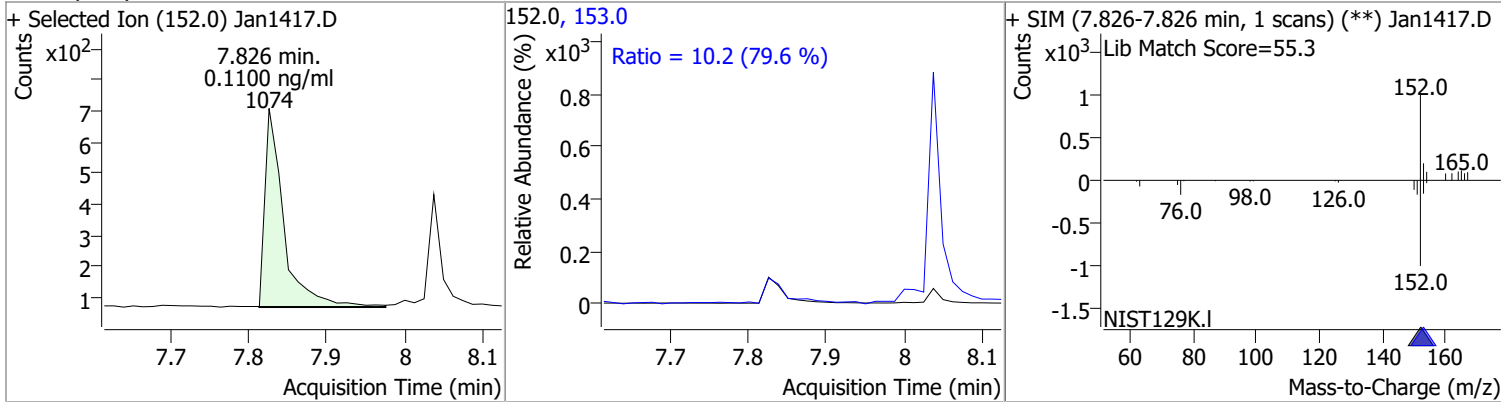
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	0.1182	6.90	0.00	700	142.0	117.5	79.2	147.1
					115.0	59.4	47.5	88.2



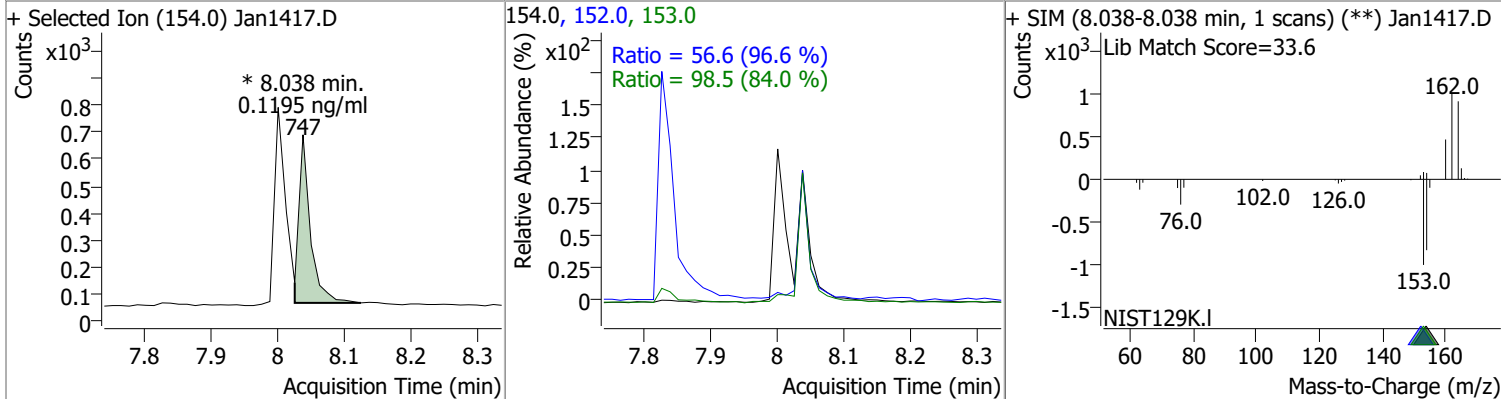
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	0.1124	7.26	0.00	861 (m)	171.0	38.2	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	0.1100	7.83	0.00	1074	153.0	10.2	9.0	16.6

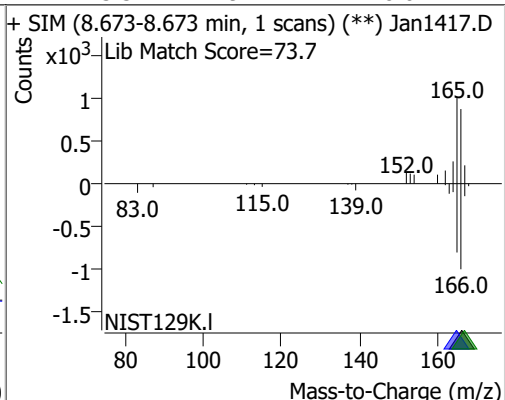
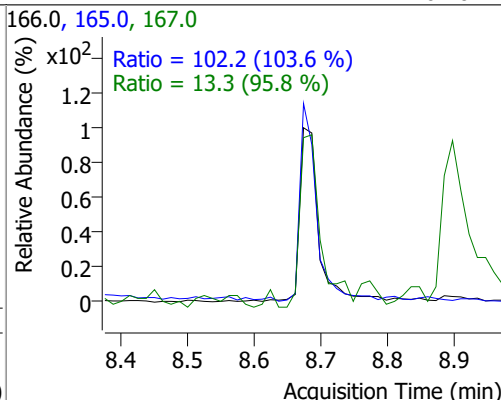
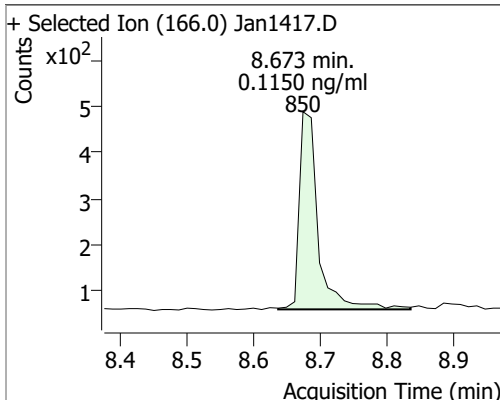


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	0.1195	8.04	0.00	747 (m)	153.0	98.5	82.1	152.6
					152.0	56.6	41.0	76.1

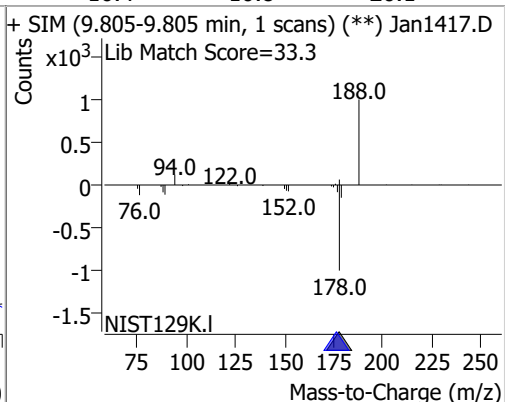
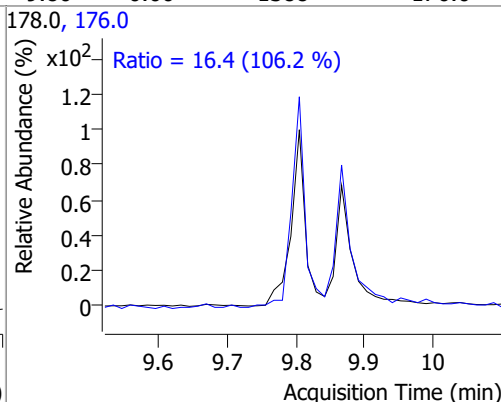
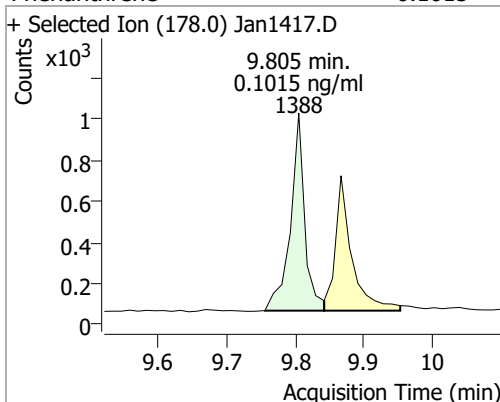


# Quantitation Results Report (QT Reviewed)

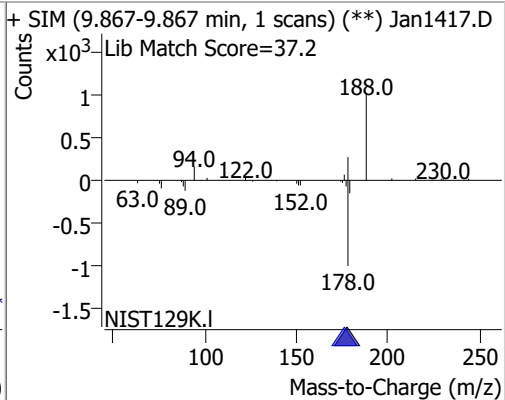
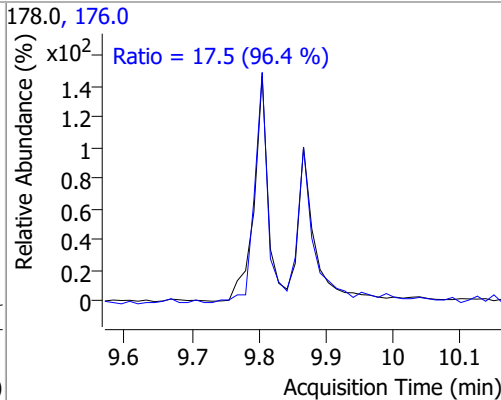
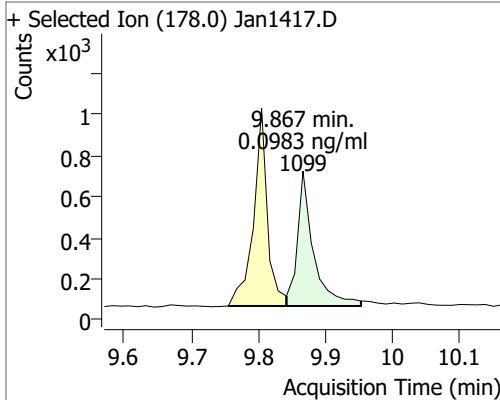
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	0.1150	8.67	0.00	850	165.0	102.2	69.1	128.3
					167.0	13.3	9.7	18.0



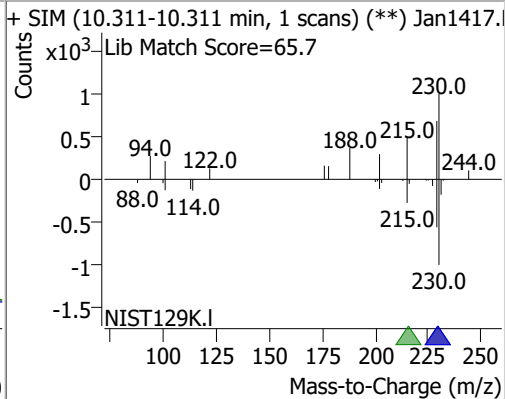
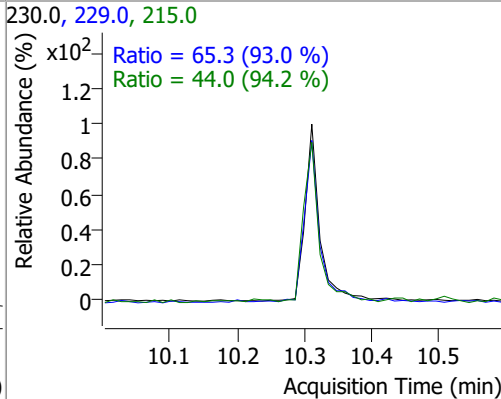
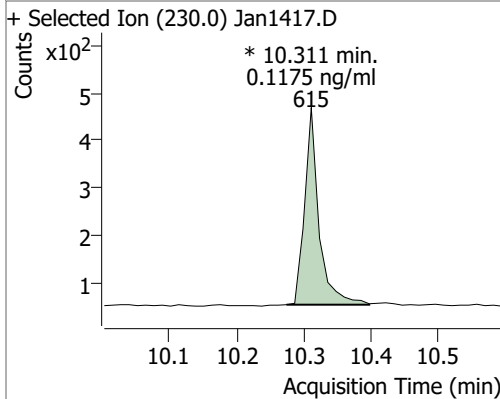
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	0.1015	9.80	0.00	1388	176.0	16.4	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	0.0983	9.87	0.00	1099	176.0	17.5	12.7	23.5

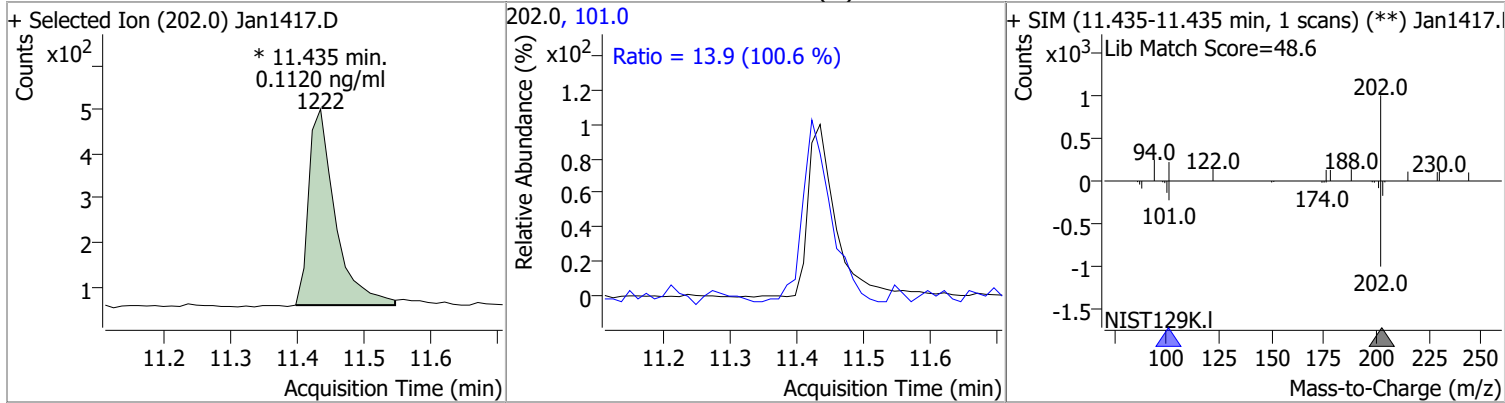


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.1175	10.31	0.01	615 (m)	229.0	65.3	49.2	91.3
					215.0	44.0	32.7	60.7

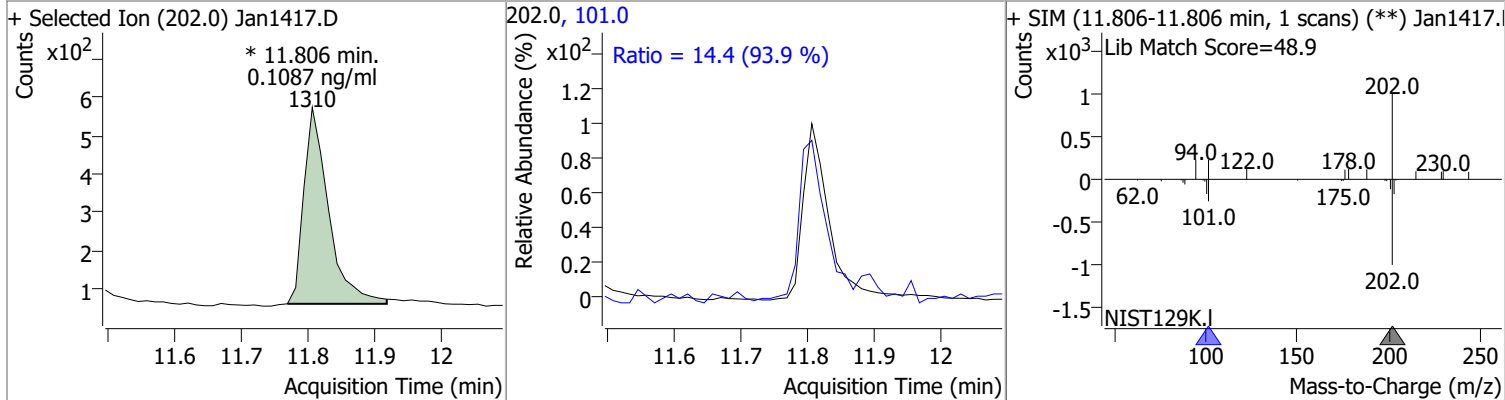


# Quantitation Results Report (QT Reviewed)

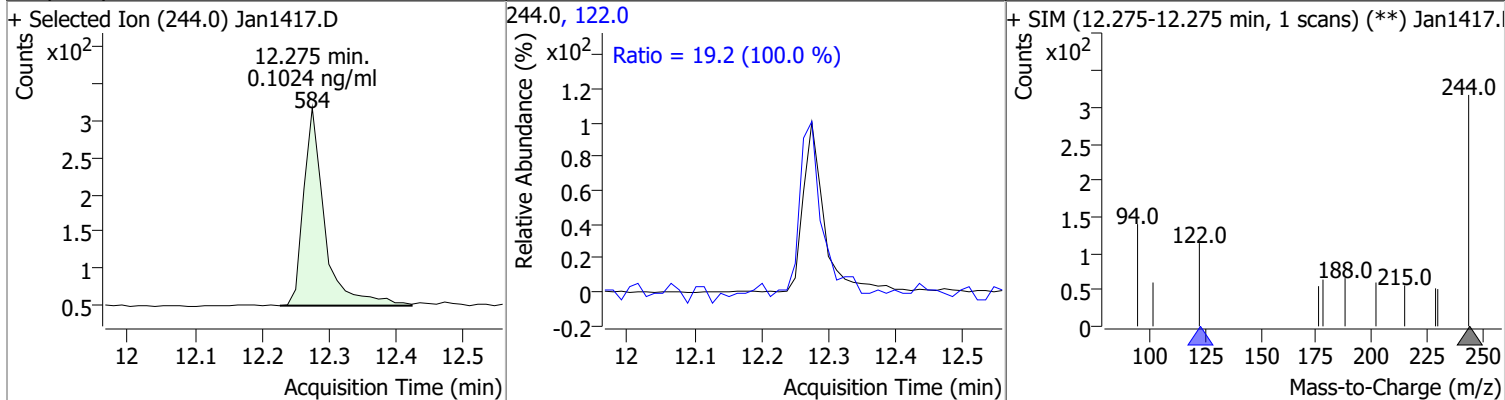
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	0.1120	11.44	0.02	1222 (m)	101.0	13.9	9.6	17.9



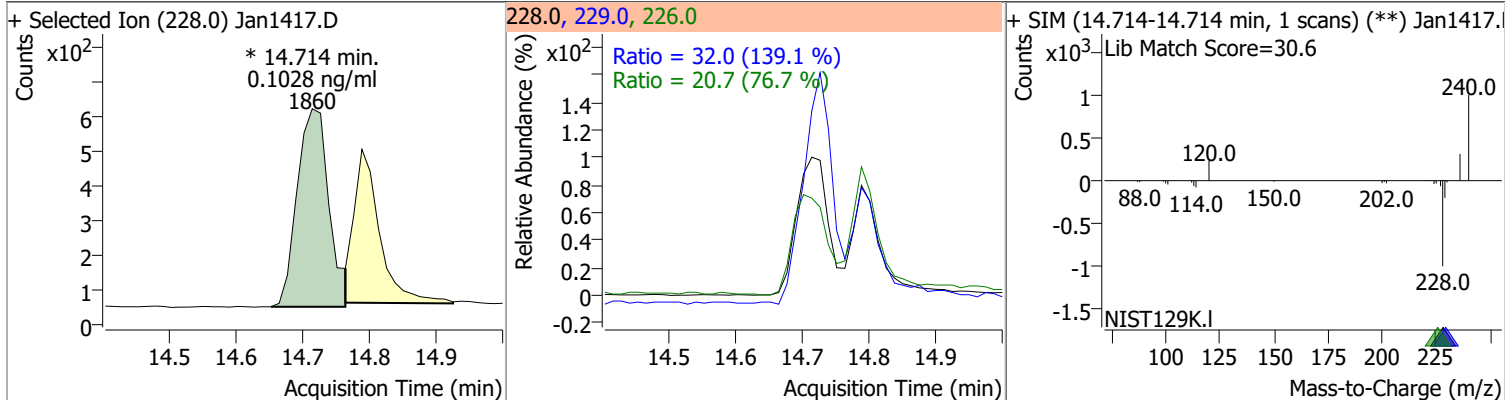
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	0.1087	11.81	0.01	1310 (m)	101.0	14.4	10.7	20.0



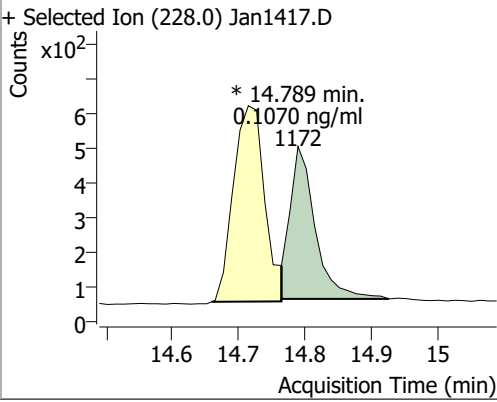
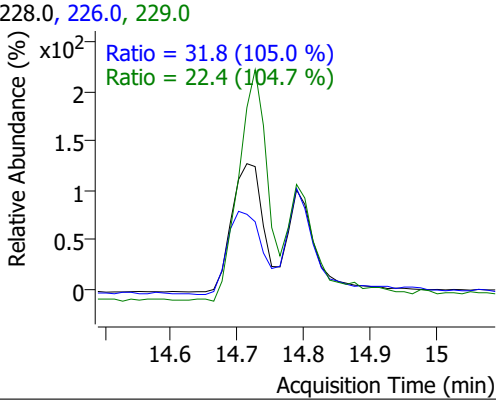
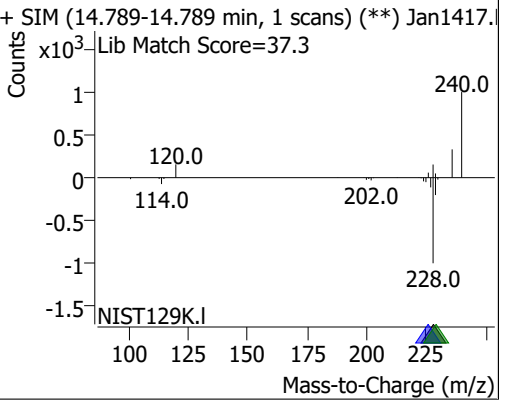
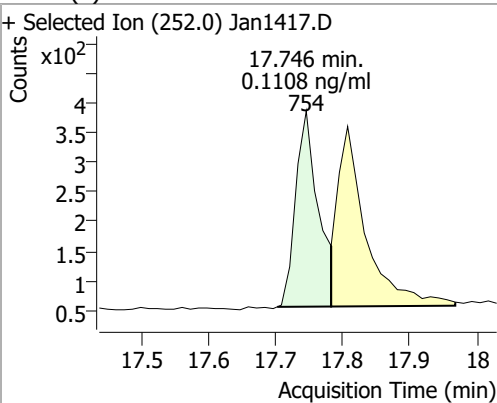
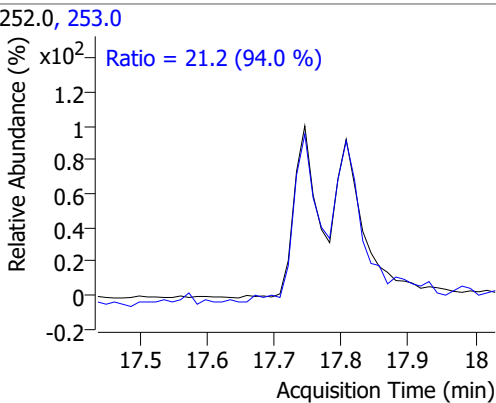
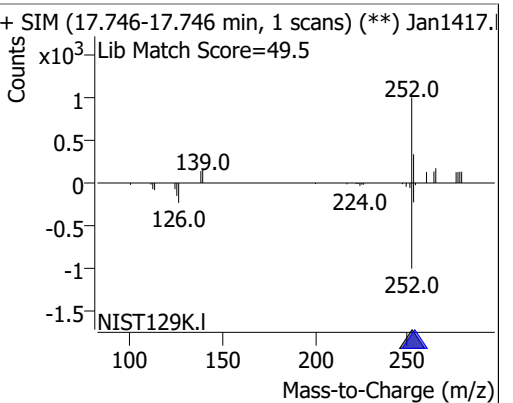
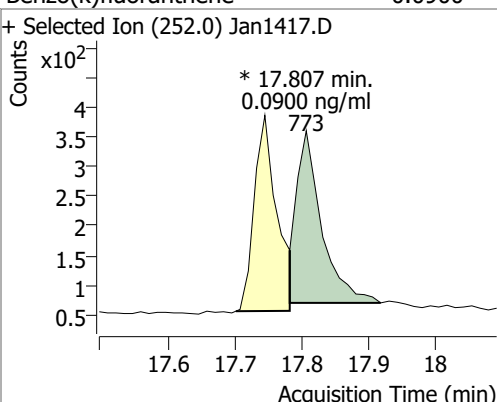
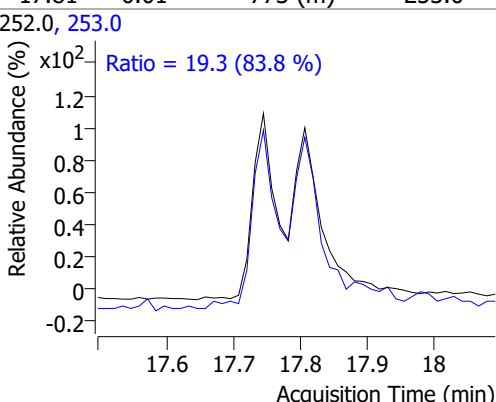
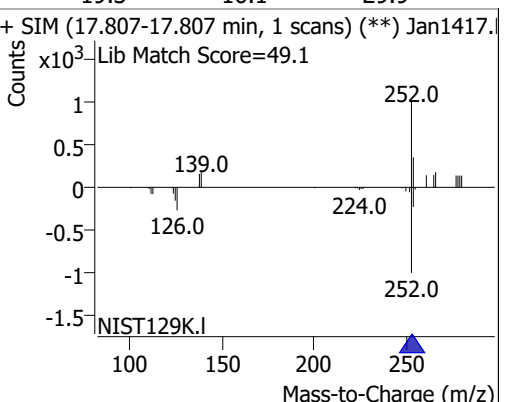
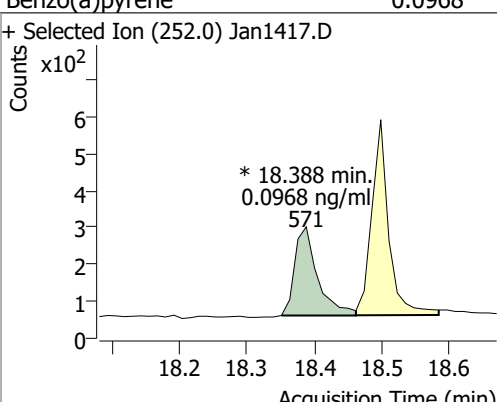
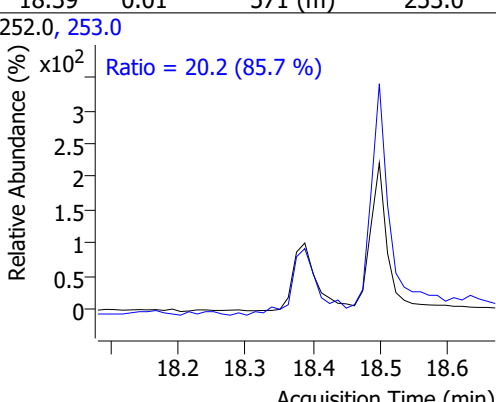
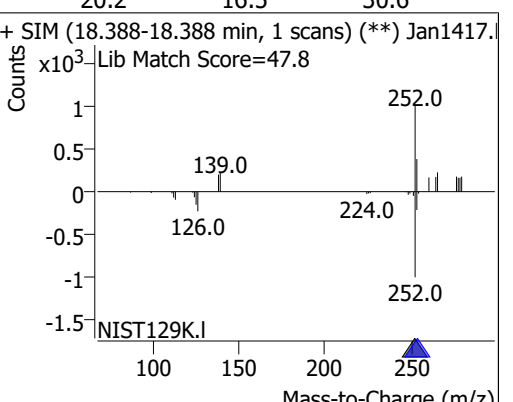
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	0.1024	12.28	0.01	584	122.0	19.2	13.4	25.0



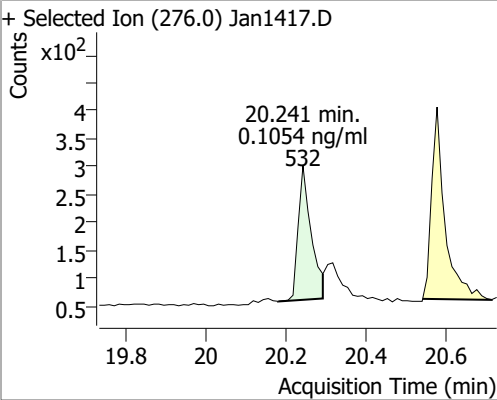
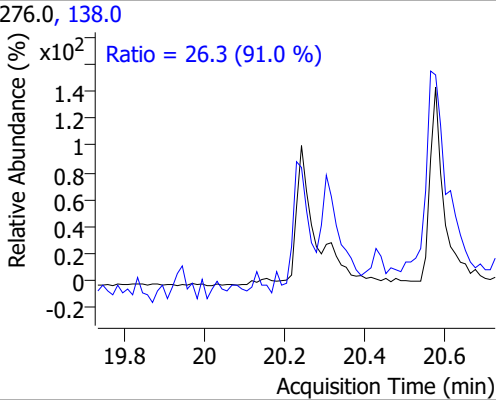
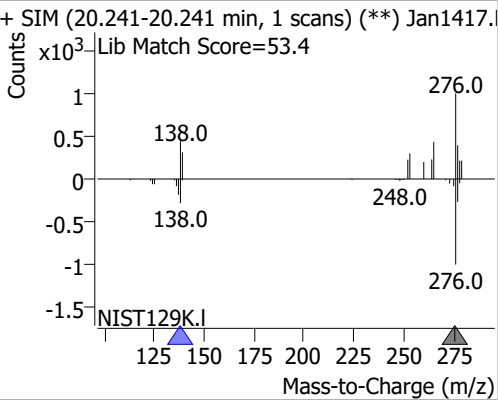
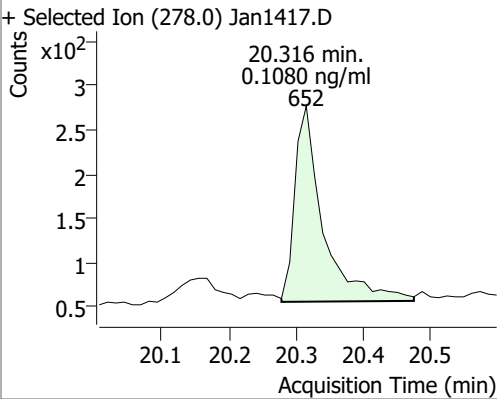
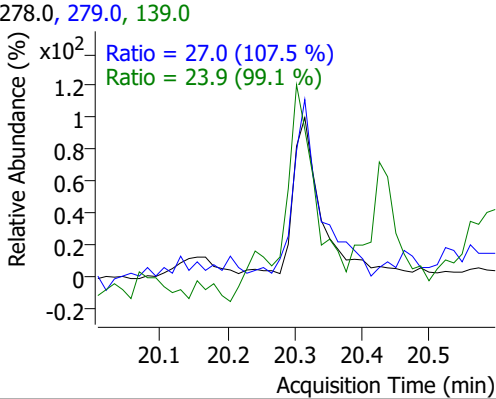
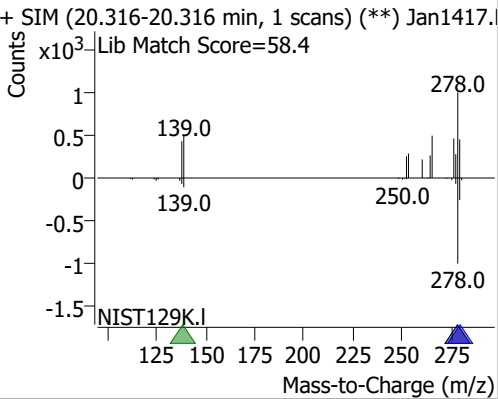
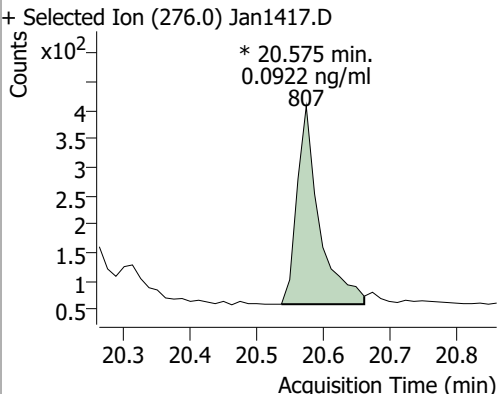
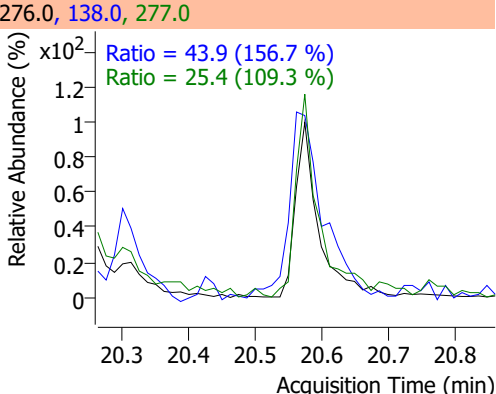
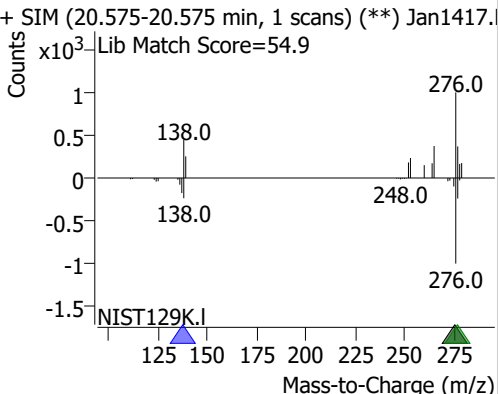
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	0.1028	14.71	0.01	1860 (m)	226.0 229.0	20.7 32.0	18.9 16.1	35.1 29.9



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0.1070	14.79	0.00	1172 (m)	226.0 229.0	31.8 22.4	21.2 15.0	39.4 27.8
+ Selected Ion (228.0) Jan1417.D 			228.0, 226.0, 229.0 			+ SIM (14.789-14.789 min, 1 scans) (**) Jan1417. Lib Match Score=37.3 		
Benzo(b)fluoranthene	0.1108	17.75	0.01	754	253.0	21.2	15.8	29.4
+ Selected Ion (252.0) Jan1417.D 			252.0, 253.0 			+ SIM (17.746-17.746 min, 1 scans) (**) Jan1417. Lib Match Score=49.5 		
Benzo(k)fluoranthene	0.0900	17.81	0.01	773 (m)	253.0	19.3	16.1	29.9
+ Selected Ion (252.0) Jan1417.D 			252.0, 253.0 			+ SIM (17.807-17.807 min, 1 scans) (**) Jan1417. Lib Match Score=49.1 		
Benzo(a)pyrene	0.0968	18.39	0.01	571 (m)	253.0	20.2	16.5	30.6
+ Selected Ion (252.0) Jan1417.D 			252.0, 253.0 			+ SIM (18.388-18.388 min, 1 scans) (**) Jan1417. Lib Match Score=47.8 		

# Quantitation Results Report (QT Reviewed)

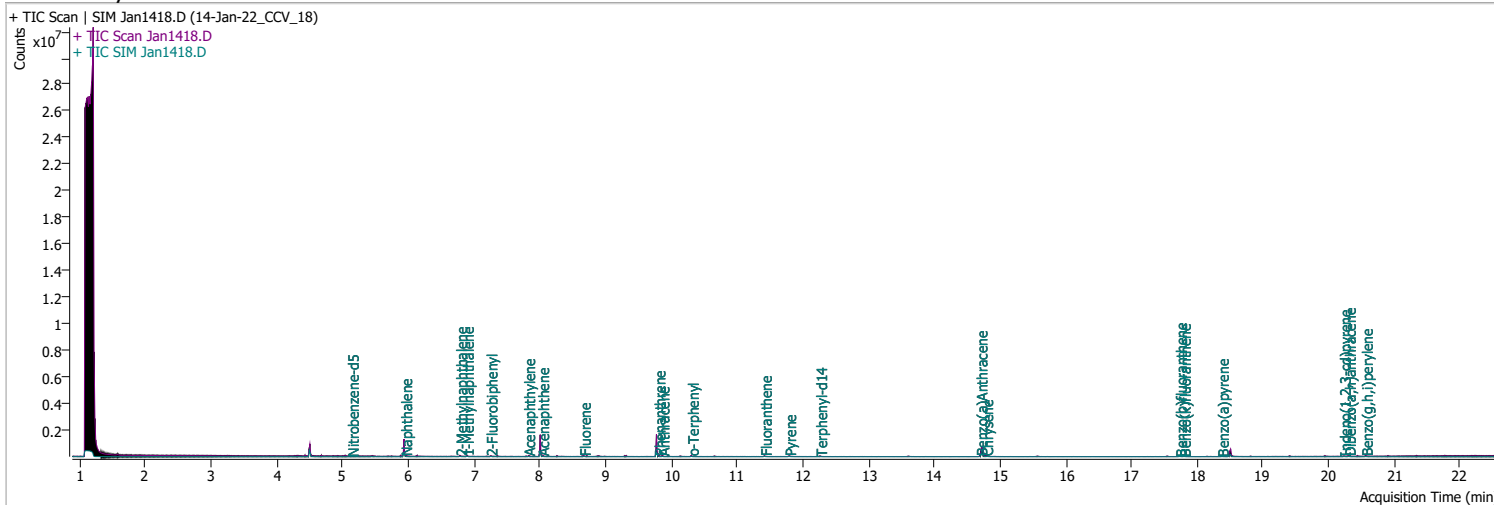
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	0.1054	20.24	0.01	532	138.0	26.3	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1417.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 26.3 (91.0 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.241-20.241 min, 1 scans) (**) Jan1417.D</p> <p>Lib Match Score=53.4</p>  </div> </div>								
Dibenzo(a,h)anthracene	0.1080	20.32	0.01	652	279.0	27.0	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan1417.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 27.0 (107.5 %)</p> <p>Ratio = 23.9 (99.1 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.316-20.316 min, 1 scans) (**) Jan1417.D</p> <p>Lib Match Score=58.4</p>  </div> </div>								
Benzo(g,h,i)perylene	0.0922	20.58	0.01	807 (m)	138.0	43.9	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1417.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 43.9 (156.7 %)</p> <p>Ratio = 25.4 (109.3 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.575-20.575 min, 1 scans) (**) Jan1417.D</p> <p>Lib Match Score=54.9</p>  </div> </div>								



# Quantitation Results Report (QT Reviewed)

Data File	Jan1418.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/14/2022 8:29:26 PM
Sample Name	14-Jan-22_CCV_18	Instrument	GCMS
Vial	9	Multiplier	1.00
DA Method File		Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011422 bna SIM 2.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.497	152.0	188496	40.0000	ng/ml	0.000
M Naphthalene-d8	5.941	136.0	331274	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.013	164.0	181512	40.0000	ng/ml	0.013
M Phenanthrene-d10	9.780	188.0	383934	40.0000	ng/ml	0.000
M Chrysene-d12	14.727	240.0	281501	40.0000	ng/ml	0.000
M Perylene-d12	18.499	264.0	187526	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.143	82.0	7442	2.0580	ng/ml	0.000
Spiked Amount: 5.000	Range: 19.0 - 102.0%		Recovery = 41.16%			
S 2-Fluorobiphenyl	7.252	172.0	17342	1.9877	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%		Recovery = 39.75%			
S o-Terphenyl	10.312	230.0	13079	2.0930	ng/ml	0.013
Spiked Amount: 5.000	Range: 40.0 - 140.0%		Recovery = 41.86%			
S Terphenyl-d14	12.263	244.0	9999	1.9290	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%		Recovery = 38.58%		*	
<b>Target Compounds</b>						
T Naphthalene	5.953	128.0	25149	2.1943	ng/ml	99
T 2-Methylnaphthalene	6.790	141.0	15117	2.3632	ng/ml	m 100
T 1-Methylnaphthalene	6.890	141.0	13812	2.0472	ng/ml	m 98
T Acenaphthylene	7.826	152.0	22902	2.0588	ng/ml	99
T Acenaphthene	8.038	154.0	16099	2.2624	ng/ml	99
T Fluorene	8.674	166.0	18411	2.1867	ng/ml	100
T Phenanthrene	9.805	178.0	26680	2.2533	ng/ml	91
T Anthracene	9.867	178.0	22877	2.2082	ng/ml	100
T Fluoranthene	11.423	202.0	27466	2.1093	ng/ml	100
T Pyrene	11.794	202.0	30117	2.1237	ng/ml	99
T Benzo(a)Anthracene	14.702	228.0	20817	2.3347	ng/ml	100
T Chrysene	14.789	228.0	27947	2.1692	ng/ml	99
T Benzo(b)fluoranthene	17.733	252.0	19328	2.2877	ng/ml	98

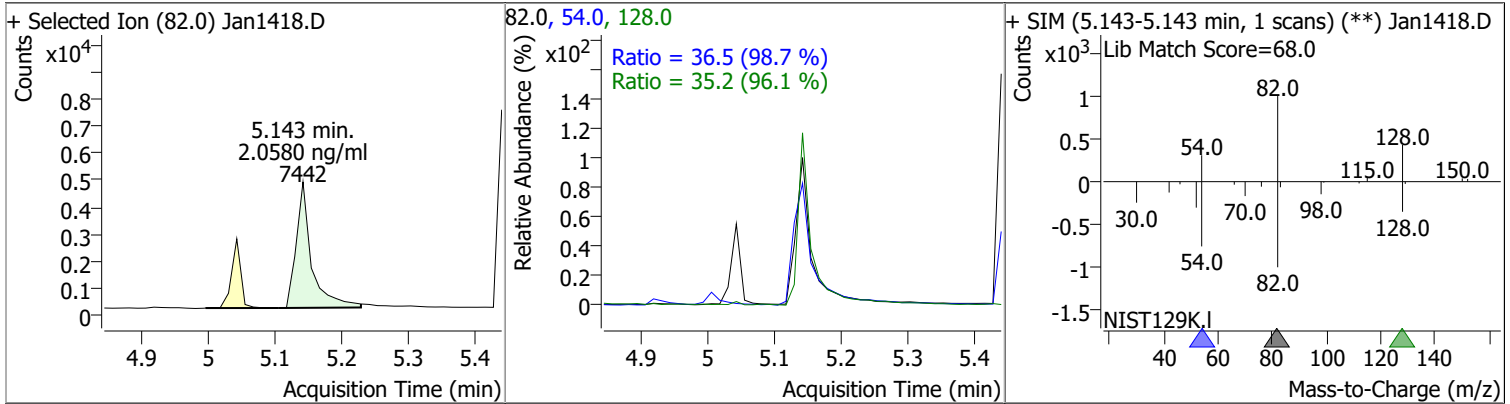
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.795	252.0	20600	2.1338	ng/ml	100
T Benzo(a)pyrene	18.376	252.0	13846	2.1474	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.229	276.0	13543	2.1963	ng/ml	98
T Dibenzo(a,h)anthracene	20.303	278.0	15374	2.0521	ng/ml	98
T Benzo(g,h,i)perylene	20.563	276.0	20882	2.3281	ng/ml	98

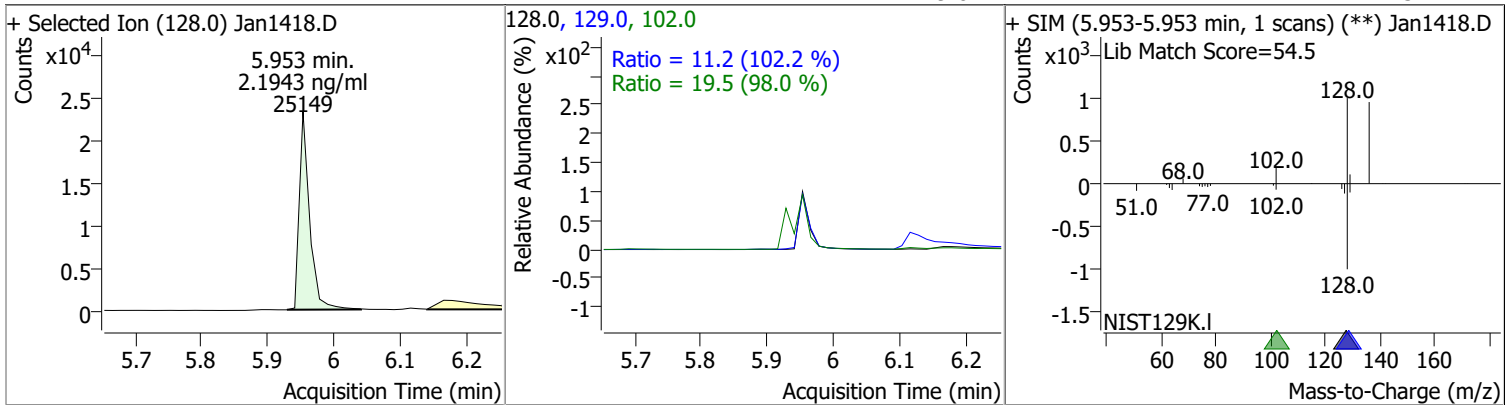
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

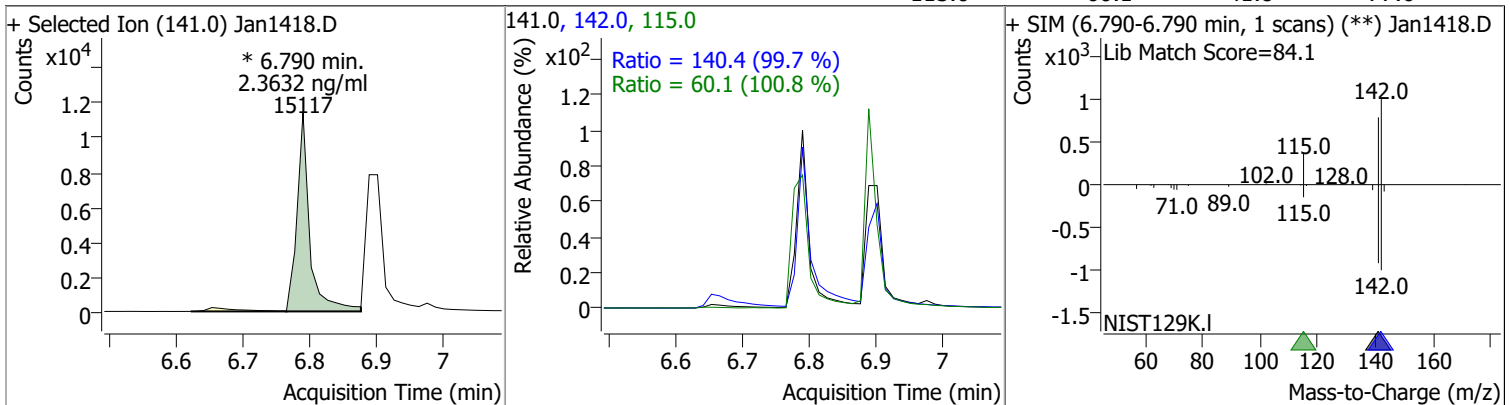
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	2.0580	5.14	0.00	7442	54.0	36.5	25.9	48.1
					128.0	35.2	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.1943	5.95	0.00	25149	102.0	19.5	0.0	59.6
					129.0	11.2	7.7	14.3

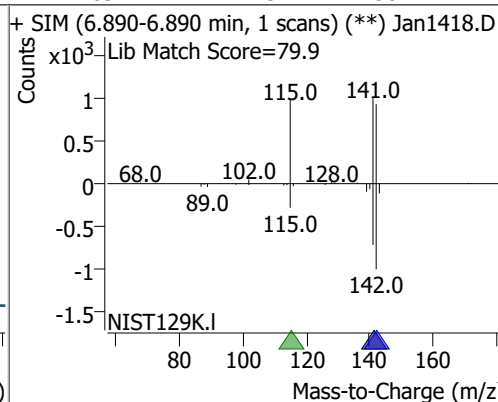
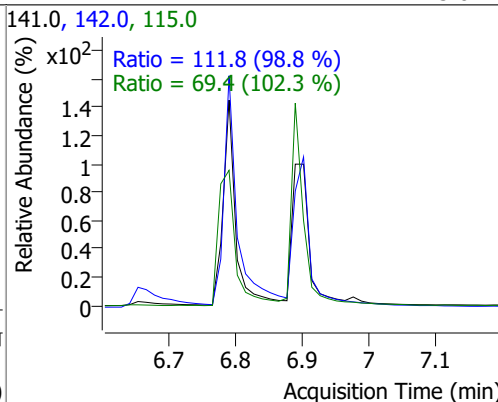
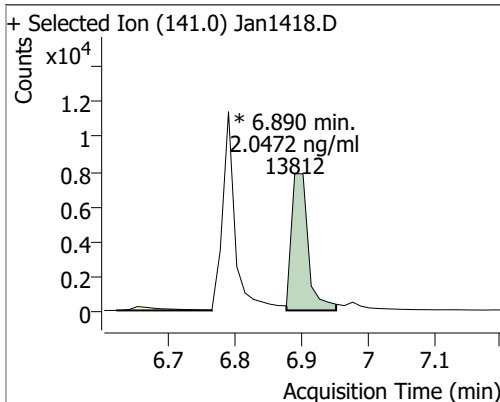


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	2.3632	6.79	0.00	15117 (m)	142.0	140.4	98.5	183.0
					115.0	60.1	41.8	77.6

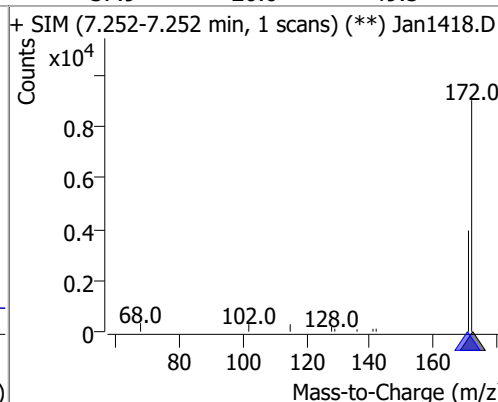
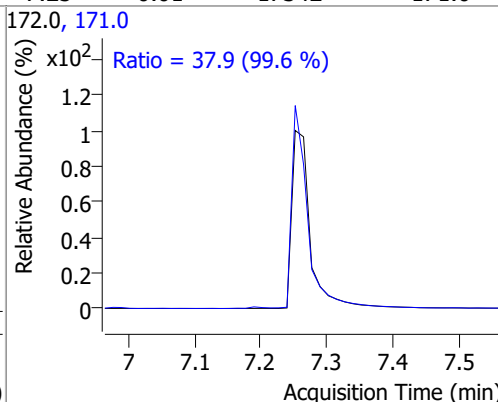
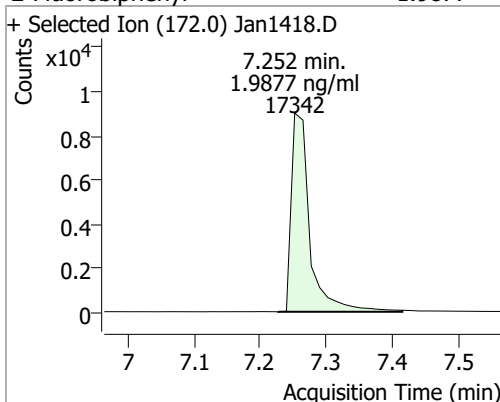


# Quantitation Results Report (QT Reviewed)

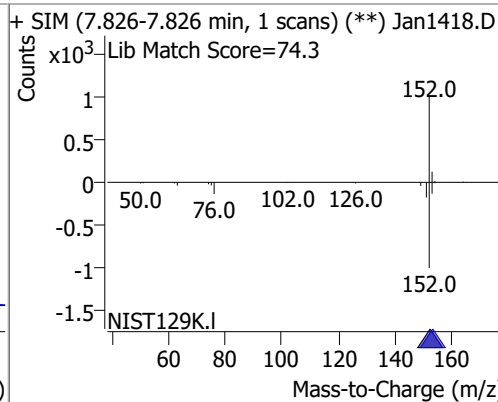
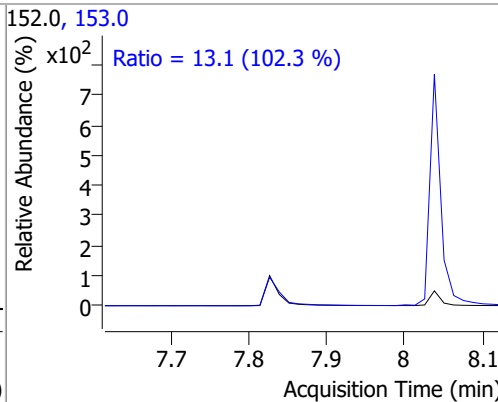
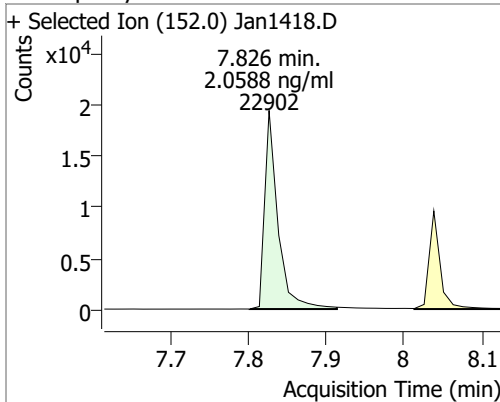
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.0472	6.89	-0.01	13812 (m)	142.0	111.8	79.2	147.1
					115.0	69.4	47.5	88.2



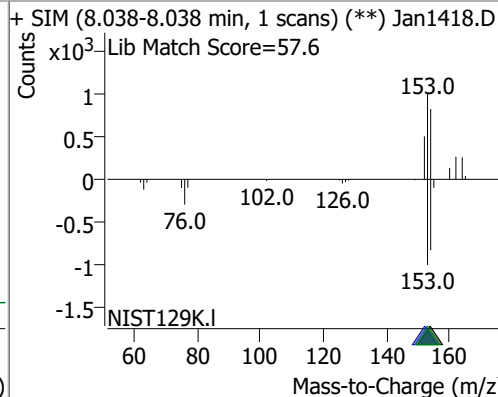
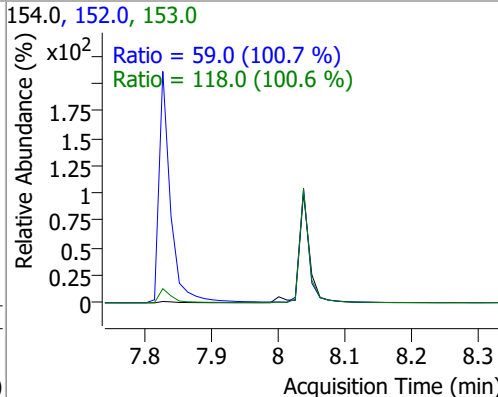
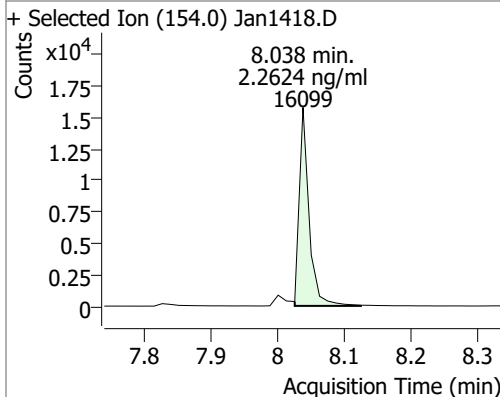
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	1.9877	7.25	-0.01	17342	171.0	37.9	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	2.0588	7.83	0.00	22902	153.0	13.1	9.0	16.6

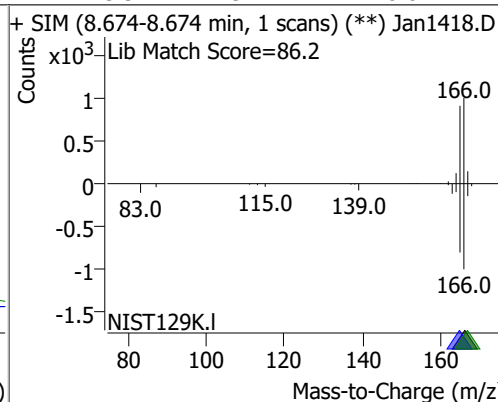
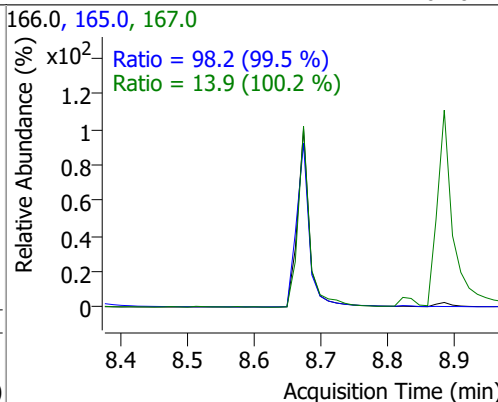
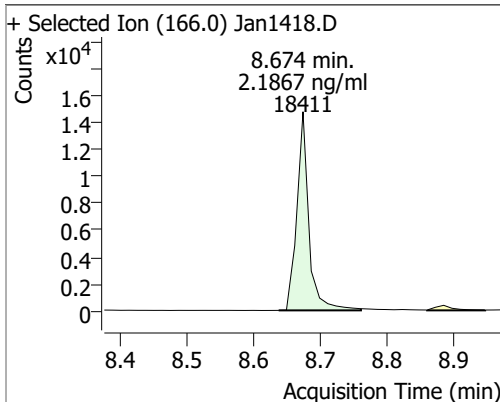


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	2.2624	8.04	0.00	16099	153.0	118.0	82.1	152.6
					152.0	59.0	41.0	76.1

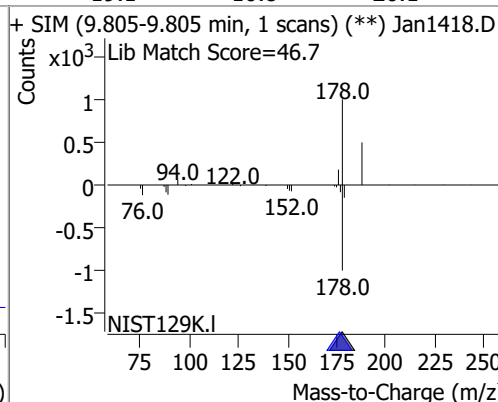
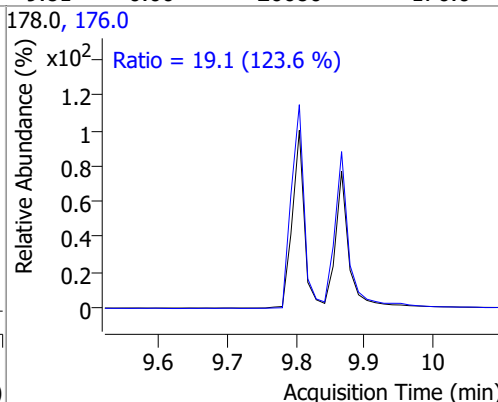
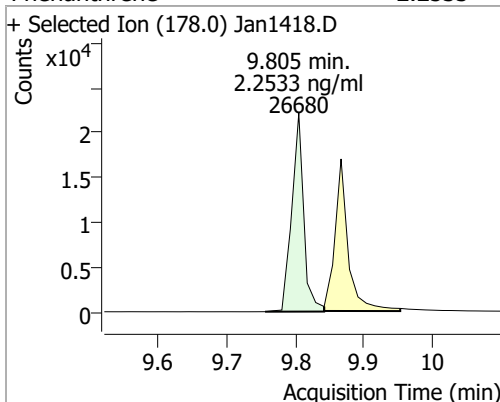


# Quantitation Results Report (QT Reviewed)

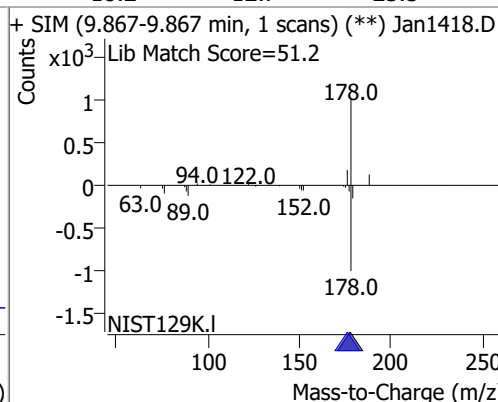
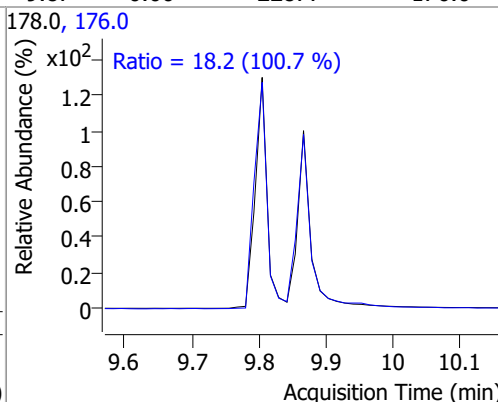
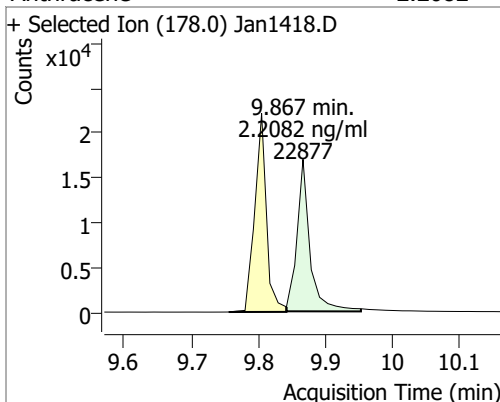
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	2.1867	8.67	0.00	18411	165.0 167.0	98.2 13.9	69.1 9.7	128.3 18.0



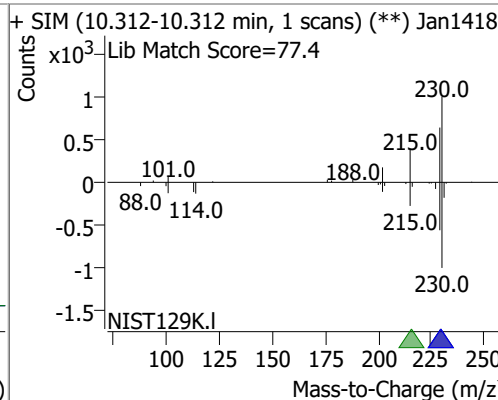
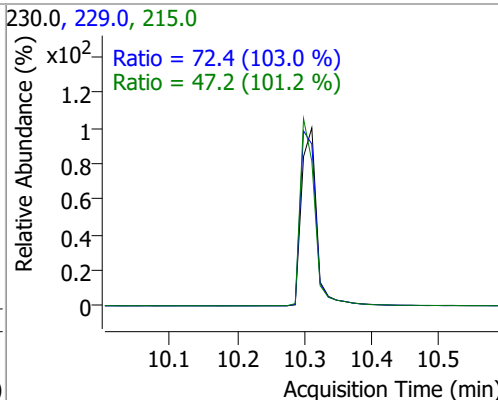
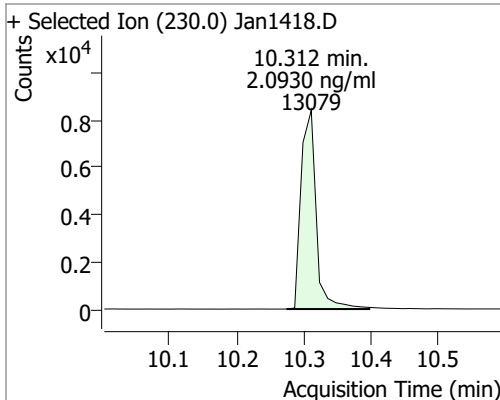
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	2.2533	9.81	0.00	26680	176.0	19.1	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	2.2082	9.87	0.00	22877	176.0	18.2	12.7	23.5

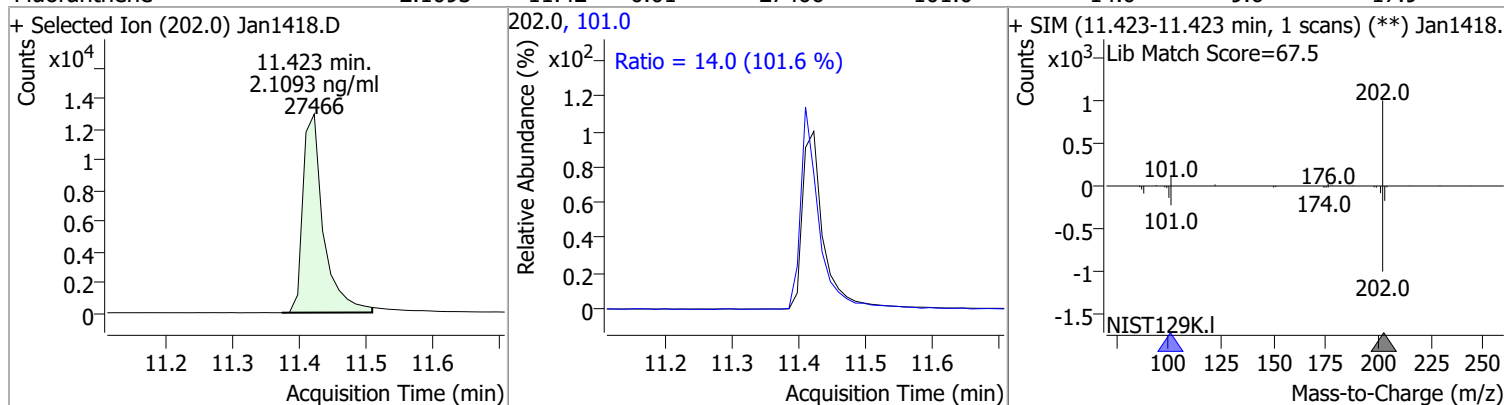


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	2.0930	10.31	0.01	13079	229.0 215.0	72.4 47.2	49.2 32.7	91.3 60.7

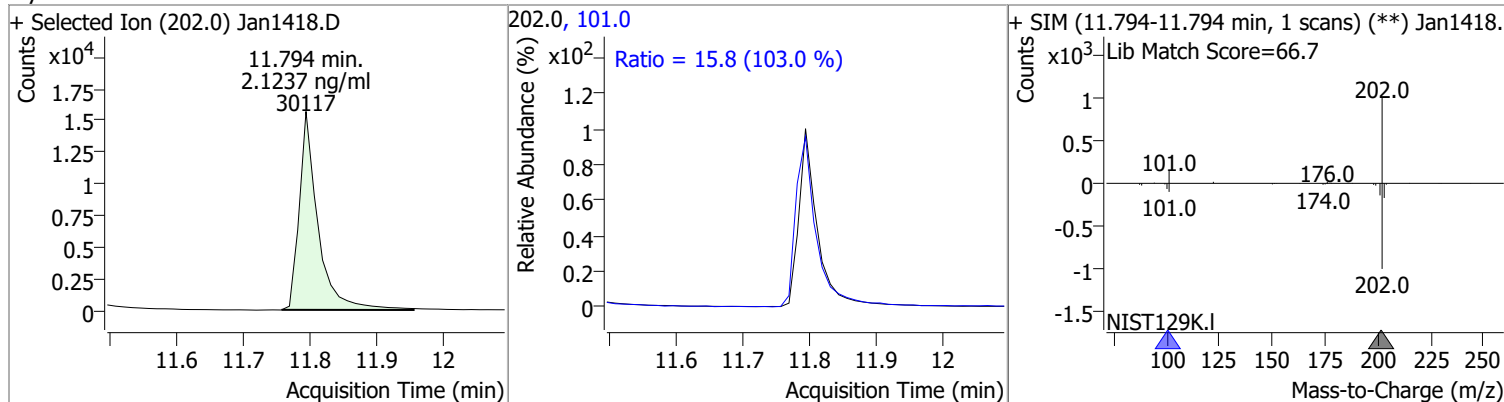


# Quantitation Results Report (QT Reviewed)

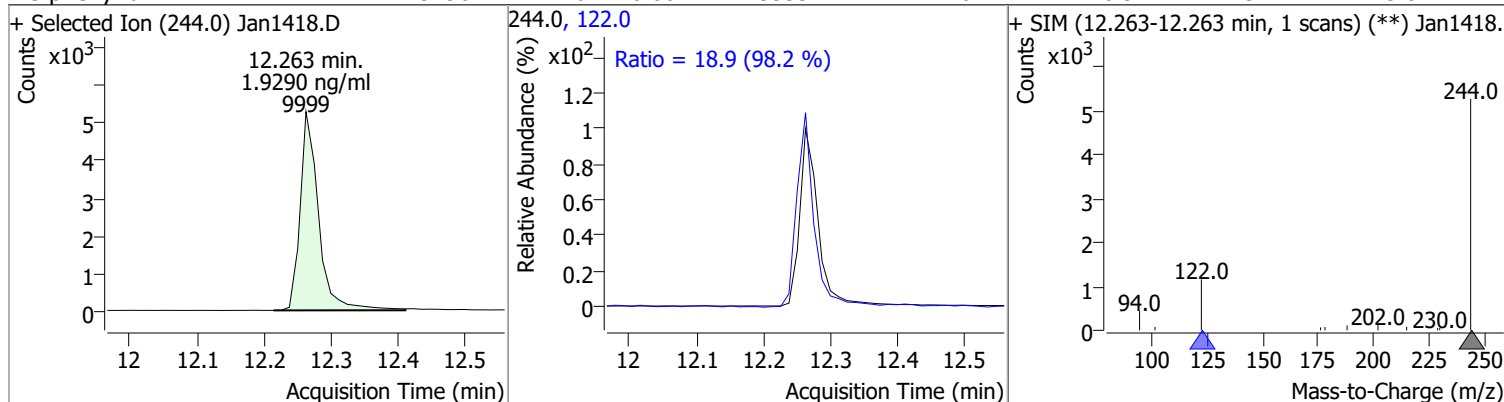
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	2.1093	11.42	0.01	27466	101.0	14.0	9.6	17.9



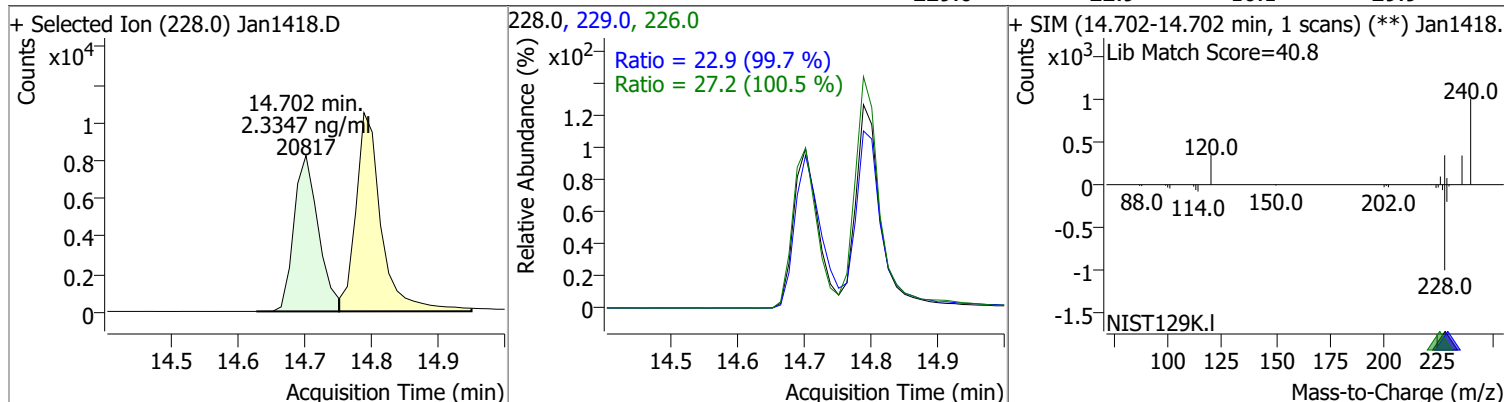
Pyrene	2.1237	11.79	0.00	30117	101.0	15.8	10.7	20.0
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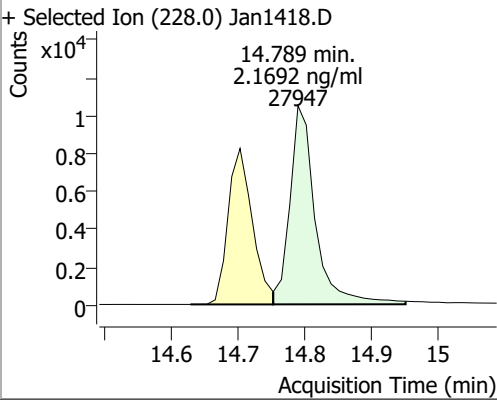
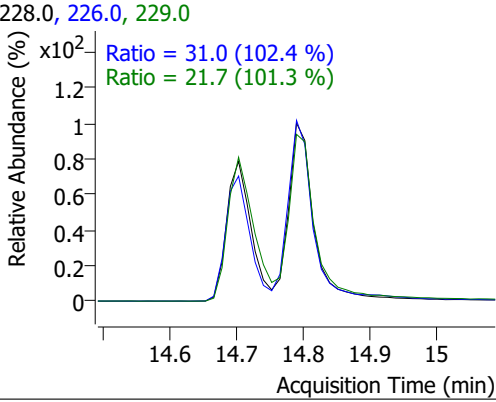
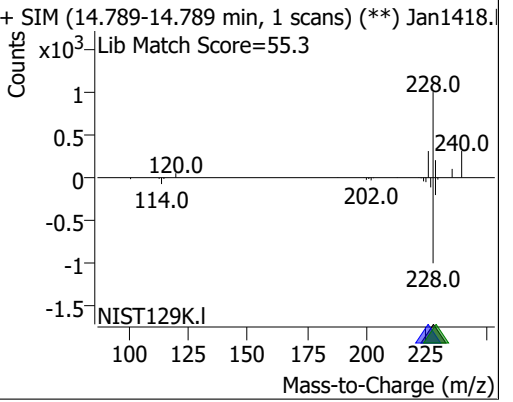
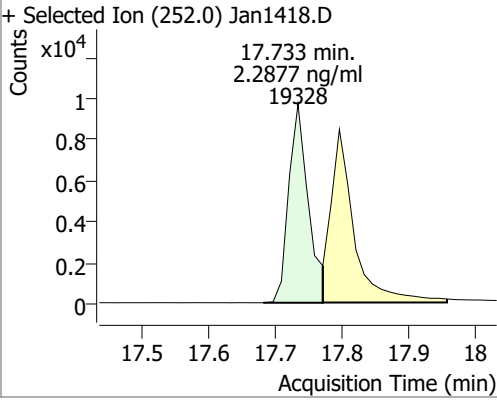
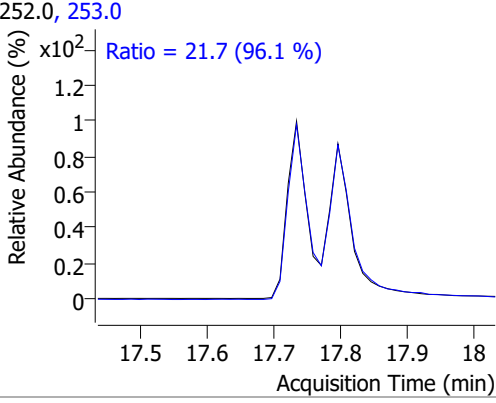
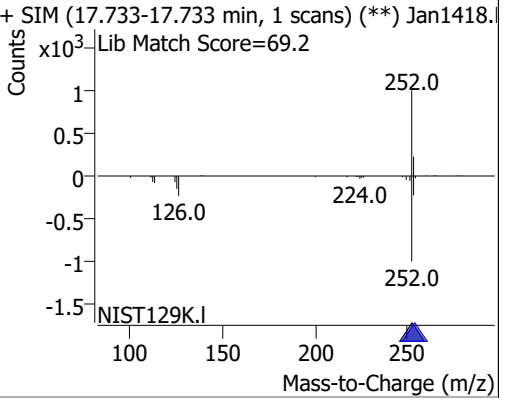
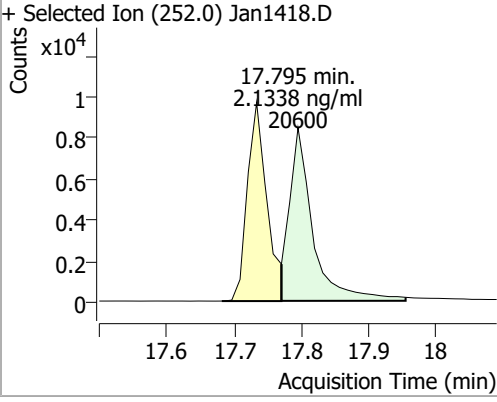
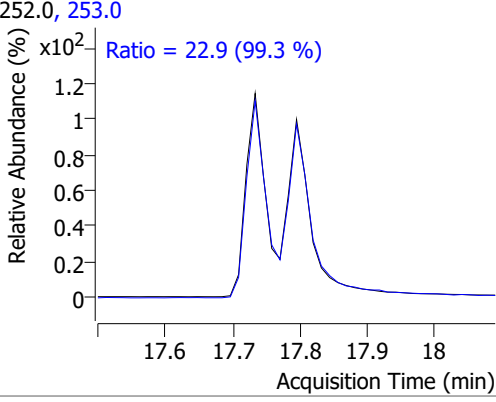
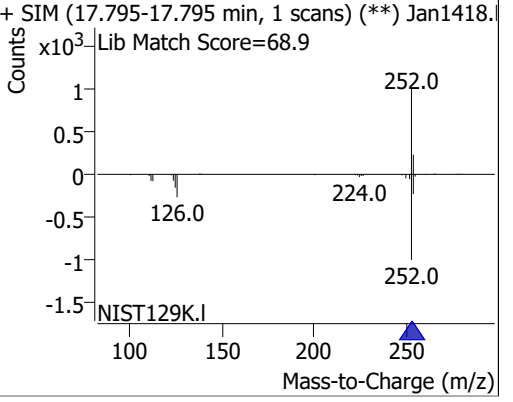
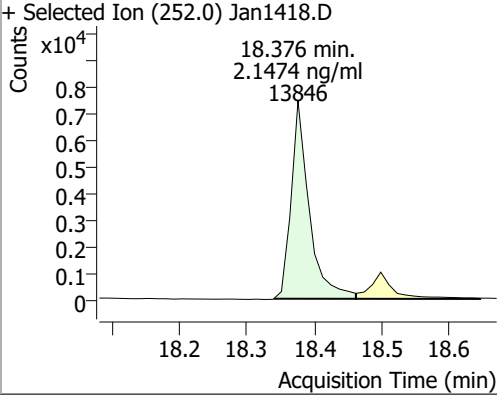
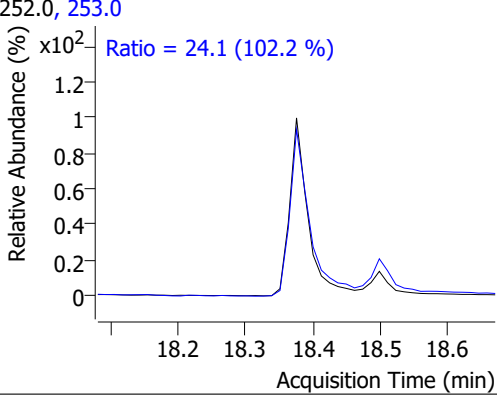
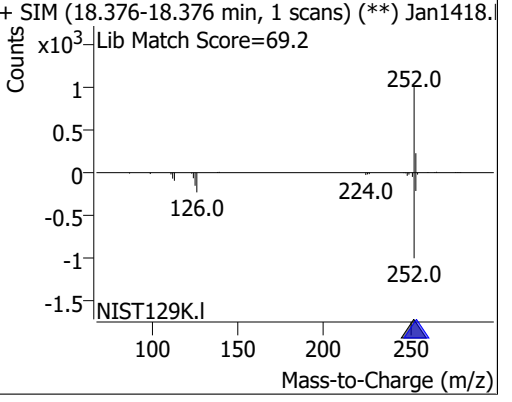
Terphenyl-d14	1.9290	12.26	0.00	9999	122.0	18.9	13.4	25.0
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Benzo(a)Anthracene	2.3347	14.70	0.00	20817	226.0	27.2	18.9	35.1
					229.0	22.9	16.1	29.9



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	2.1692	14.79	0.00	27947	226.0 229.0	31.0 21.7	21.2 15.0	39.4 27.8
+ Selected Ion (228.0) Jan1418.D 			228.0, 226.0, 229.0 			+ SIM (14.789-14.789 min, 1 scans) (**) Jan1418. Lib Match Score=55.3 		
Benzo(b)fluoranthene	2.2877	17.73	0.00	19328	253.0	21.7	15.8	29.4
+ Selected Ion (252.0) Jan1418.D 			252.0, 253.0 			+ SIM (17.733-17.733 min, 1 scans) (**) Jan1418. Lib Match Score=69.2 		
Benzo(k)fluoranthene	2.1338	17.80	0.00	20600	253.0	22.9	16.1	29.9
+ Selected Ion (252.0) Jan1418.D 			252.0, 253.0 			+ SIM (17.795-17.795 min, 1 scans) (**) Jan1418. Lib Match Score=68.9 		
Benzo(a)pyrene	2.1474	18.38	0.00	13846	253.0	24.1	16.5	30.6
+ Selected Ion (252.0) Jan1418.D 			252.0, 253.0 			+ SIM (18.376-18.376 min, 1 scans) (**) Jan1418. Lib Match Score=69.2 		

# Quantitation Results Report (QT Reviewed)

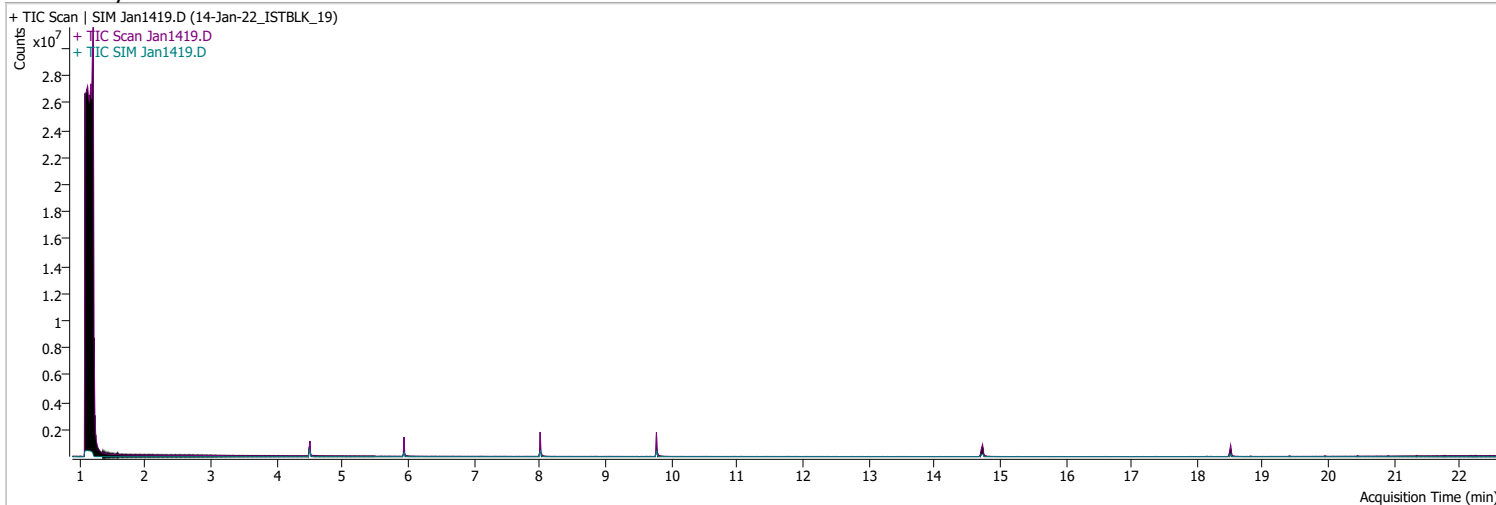
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	2.1963	20.23	0.00	13543	138.0	27.7	20.3	37.6
+ Selected Ion (276.0) Jan1418.D			276.0, 138.0			+ SIM (20.229-20.229 min, 1 scans) (**) Jan1418. Lib Match Score=76.7		
Dibenzo(a,h)anthracene	2.0521	20.30	0.00	15374	279.0	24.1	17.6	32.7
+ Selected Ion (278.0) Jan1418.D			278.0, 279.0, 139.0			+ SIM (20.303-20.303 min, 1 scans) (**) Jan1418. Lib Match Score=76.5		
Benzo(g,h,i)perylene	2.3281	20.56	0.00	20882	138.0	26.7	19.6	36.5
+ Selected Ion (276.0) Jan1418.D			276.0, 138.0, 277.0			+ SIM (20.563-20.563 min, 1 scans) (**) Jan1418. Lib Match Score=76.6		



# Quantitation Results Report (QT Reviewed)

Data File	Jan1419.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/14/2022 9:01:54 PM
Sample Name	14-Jan-22_ISTBLK_19	Instrument	GCMS
Vial	10	Multiplier	1.00
DA Method File		Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011422 bna SIM 2.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

## Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.509	152.0	213281	40.0000	ng/ml	0.013
M Naphthalene-d8	5.941	136.0	399778	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.013	164.0	229587	40.0000	ng/ml	0.013
M Phenanthrene-d10	9.780	188.0	467279	40.0000	ng/ml	0.000
M Chrysene-d12	14.739	240.0	327147	40.0000	ng/ml	0.013
M Perylene-d12	18.512	264.0	260842	40.0000	ng/ml	0.013
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = NA%		
S 2-Fluorobiphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = NA%		
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = NA%		
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.038	154.0	0	ng/ml	md	1
T Fluorene	0.000		0	N.D.		
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.727	228.0	0	ng/ml	md	1
T Chrysene	14.789	228.0	0	ng/ml	md	1
T Benzo(b)fluoranthene	0.000		0	N.D.		

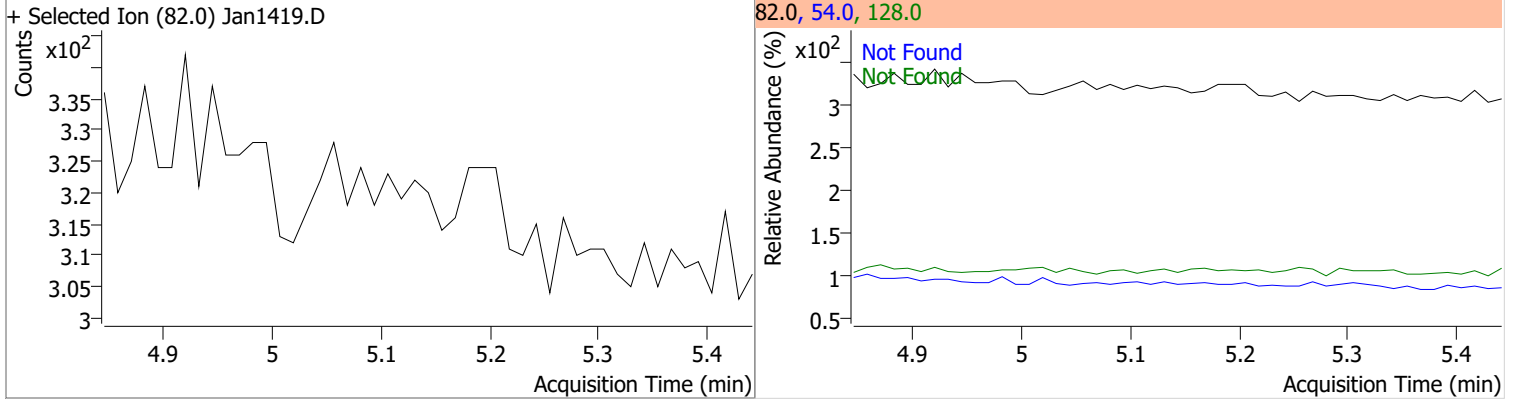
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.388	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

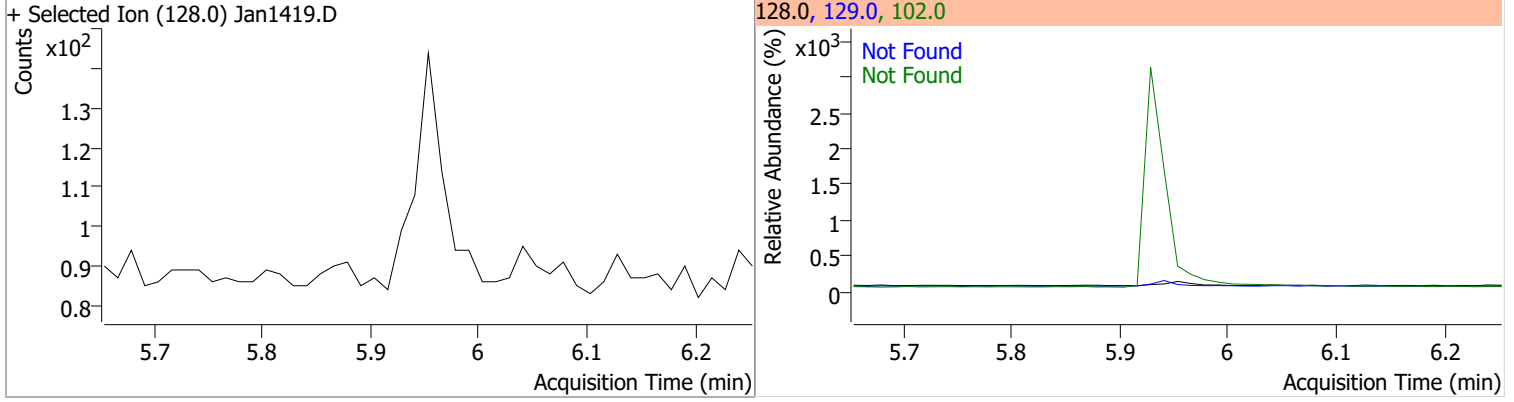
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

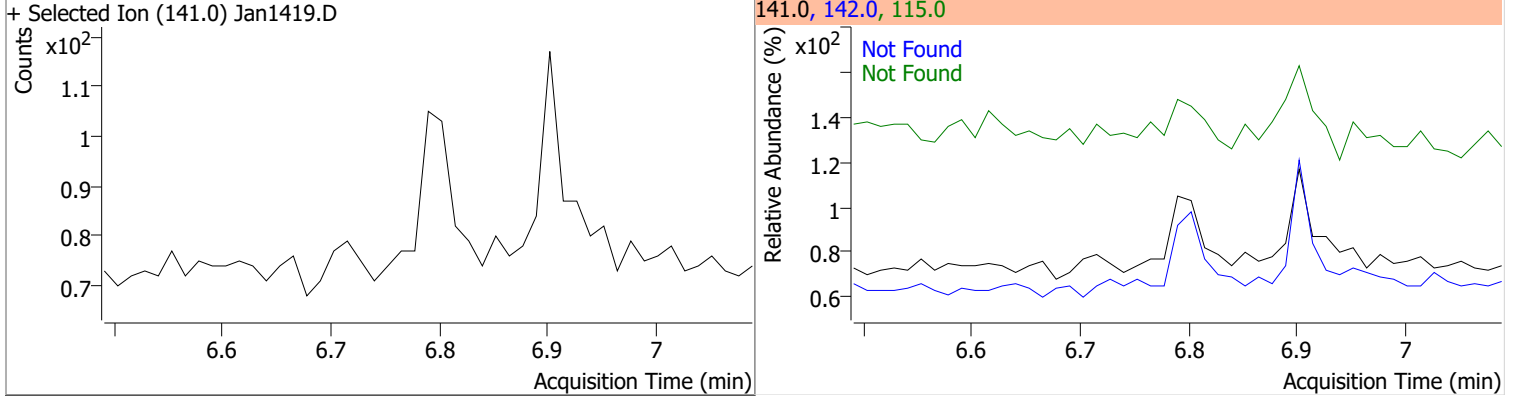
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Nitrobenzene-d5	N.D.	5.14	54.0	37.0	128.0	36.6



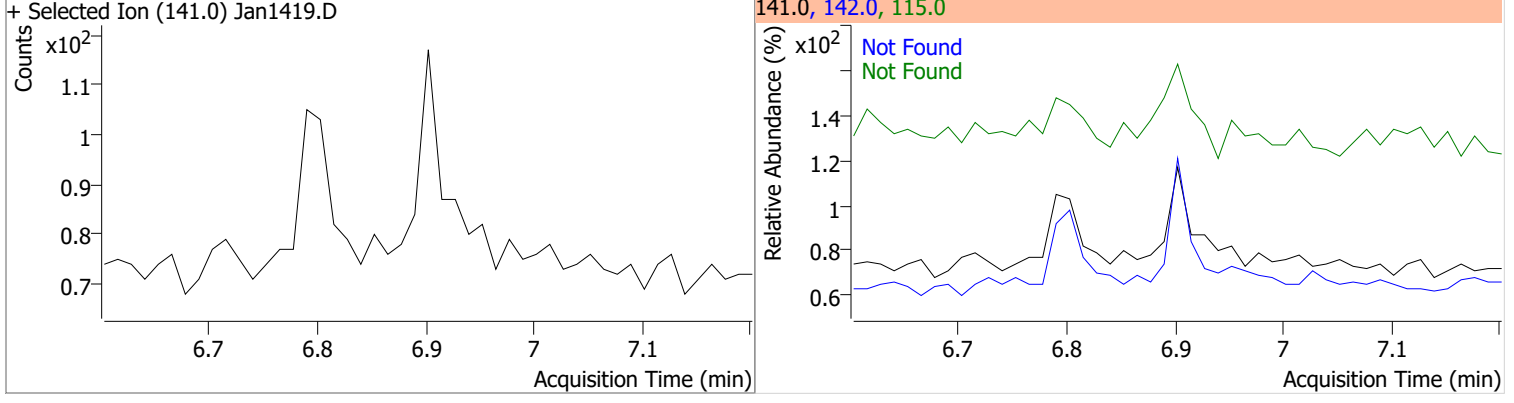
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7

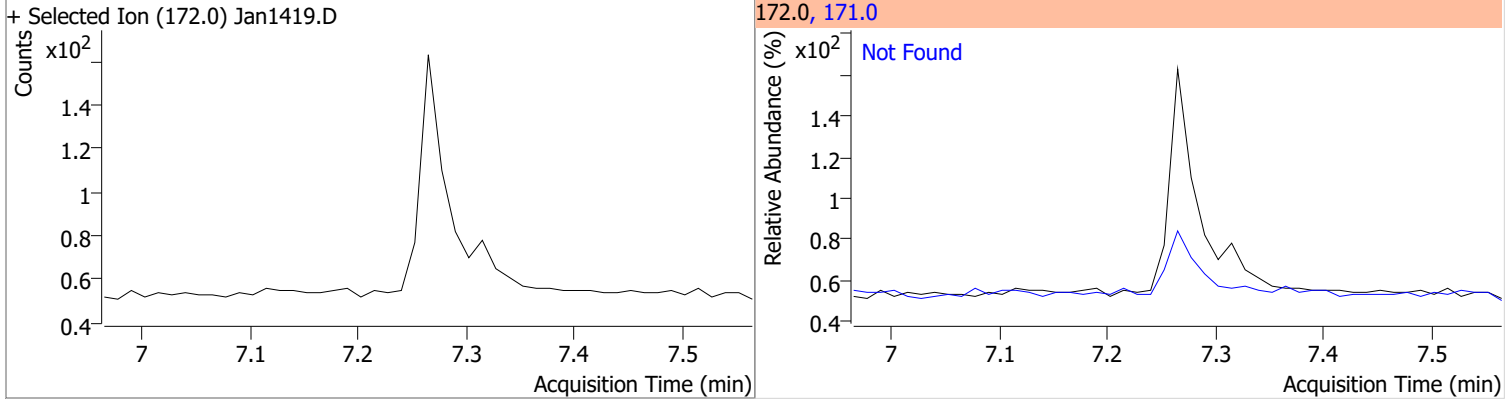


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

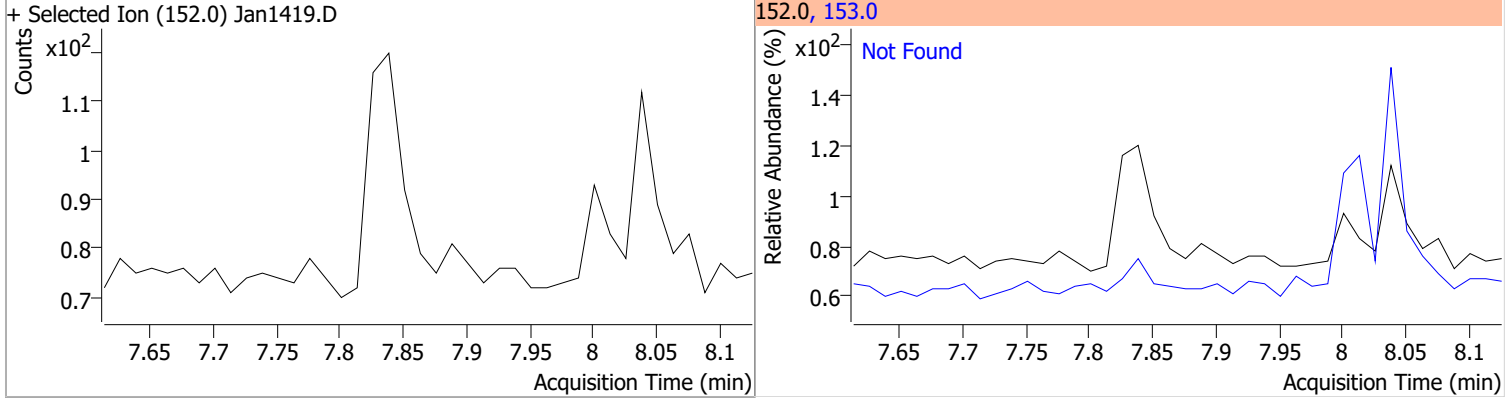


# Quantitation Results Report (QT Reviewed)

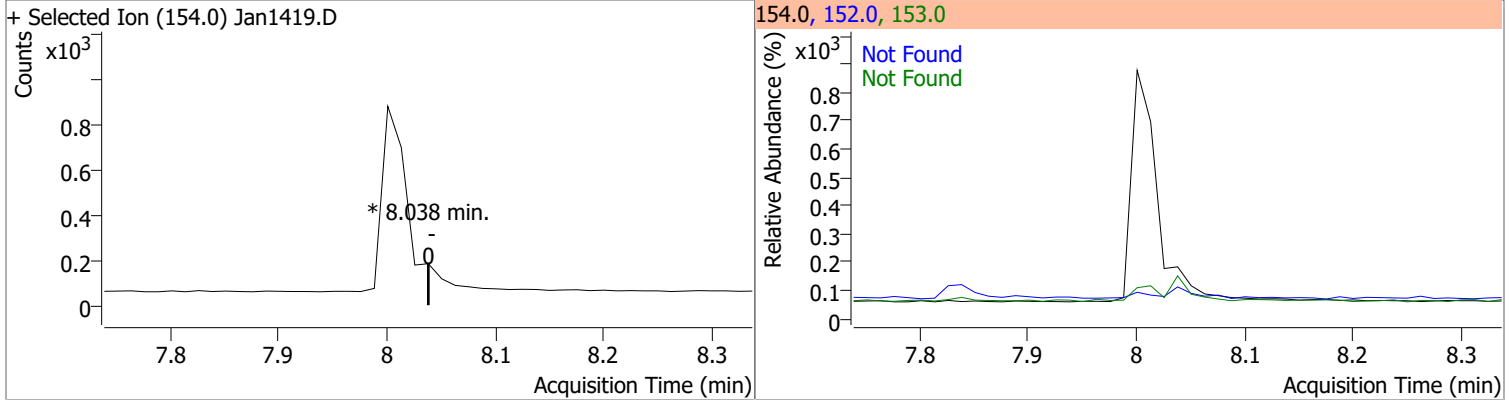
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Fluorobiphenyl	N.D.	7.26	171.0	38.0



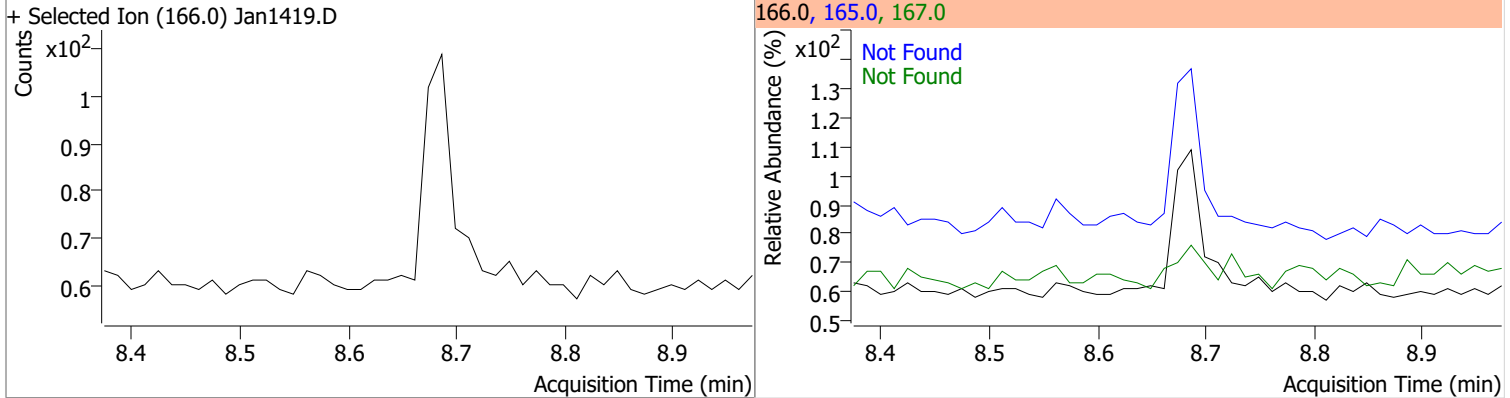
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



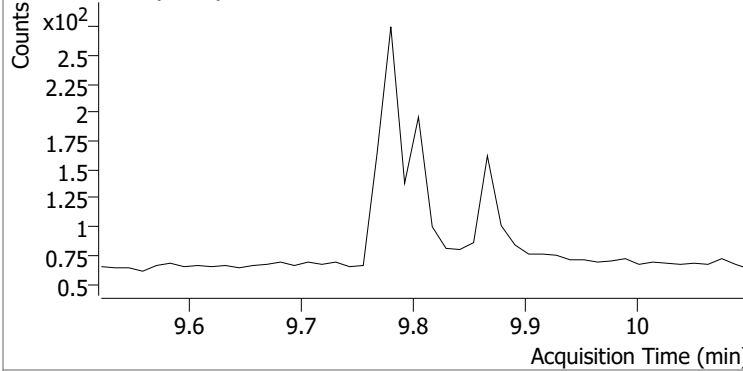
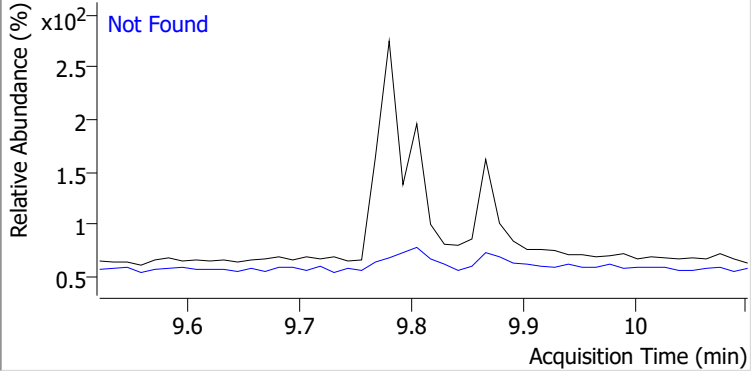
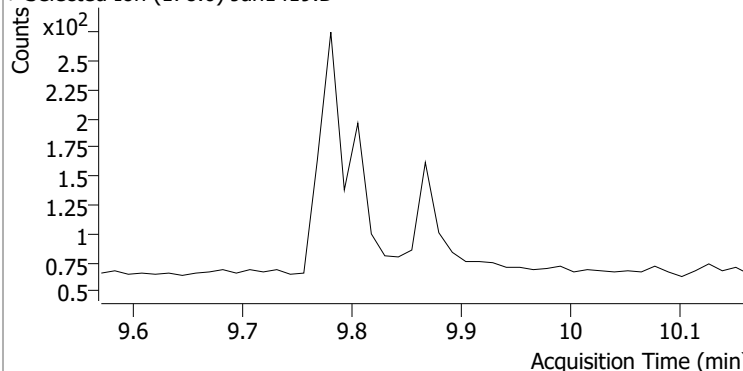
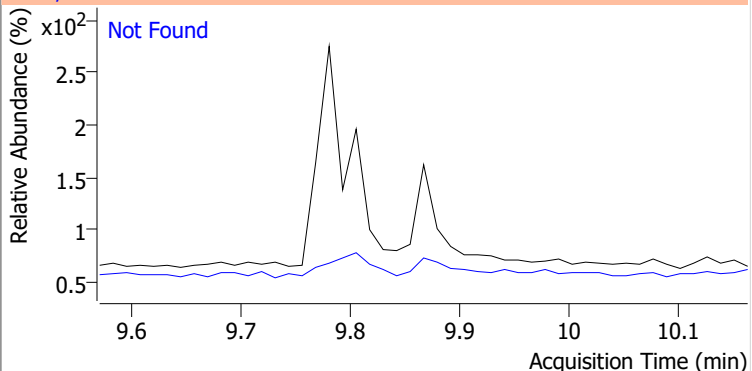
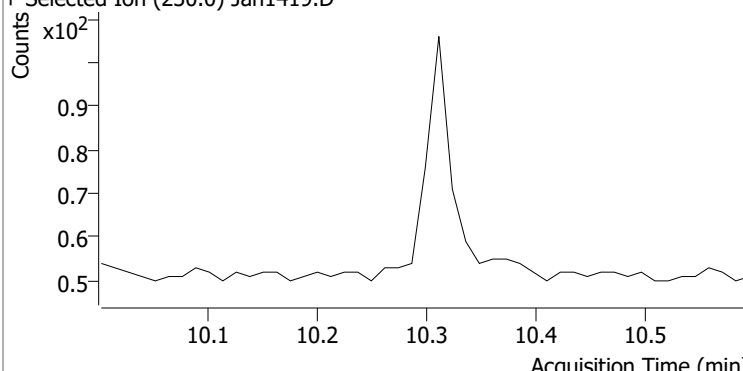
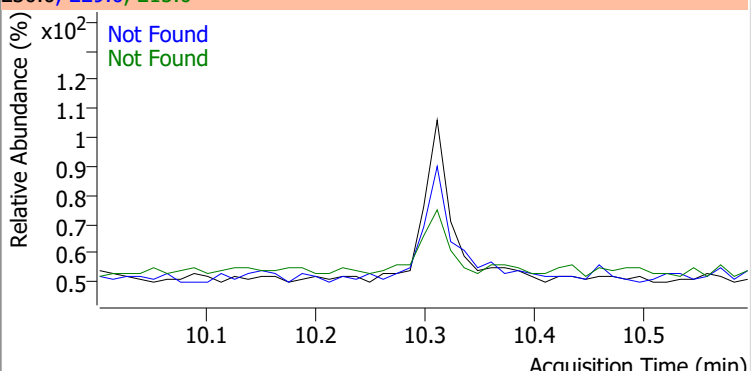
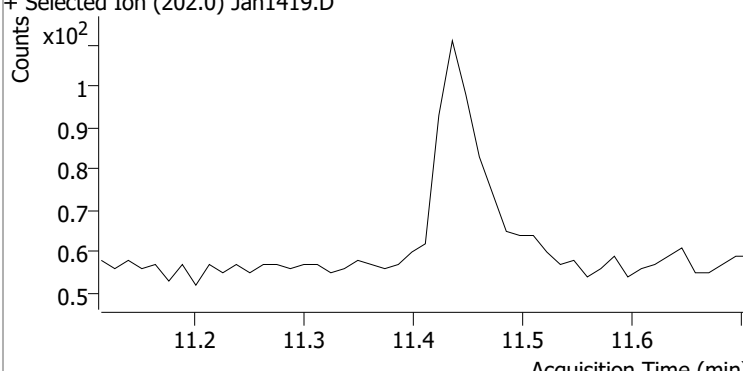
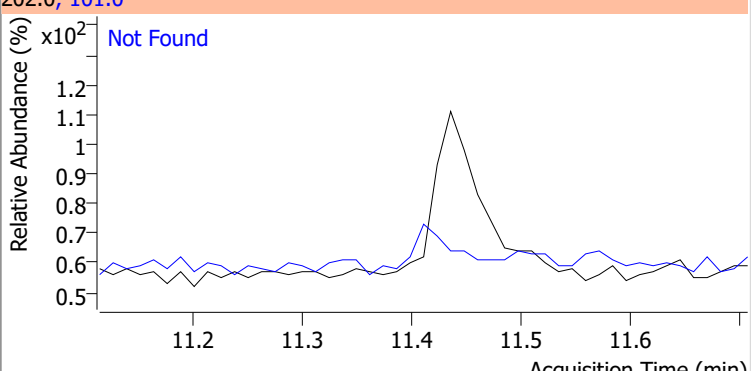
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1



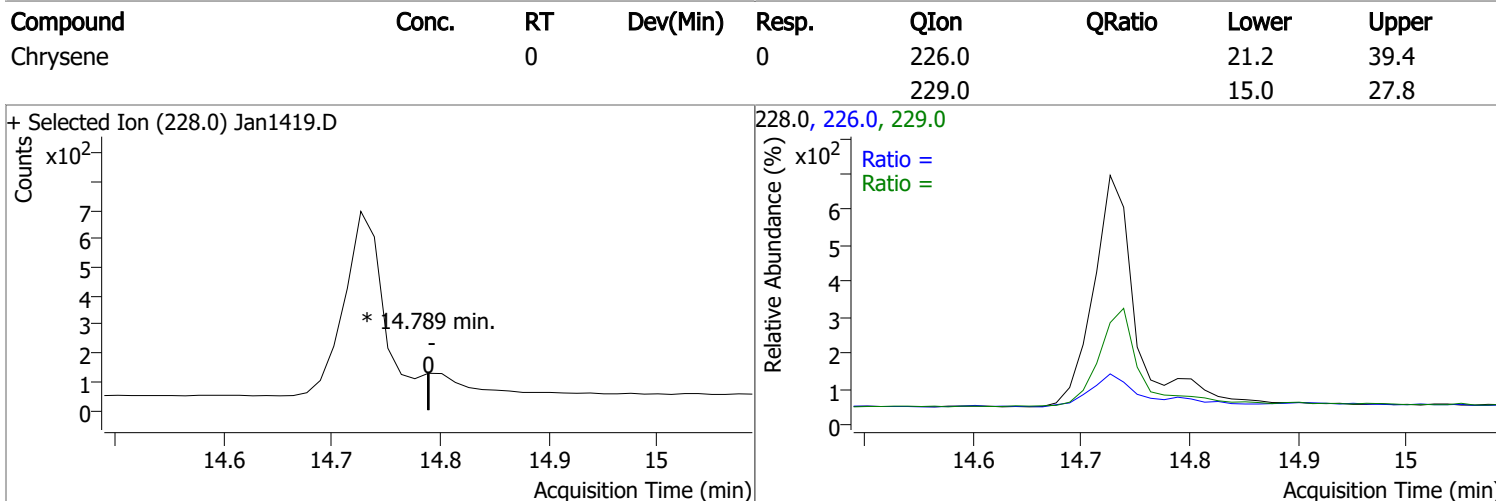
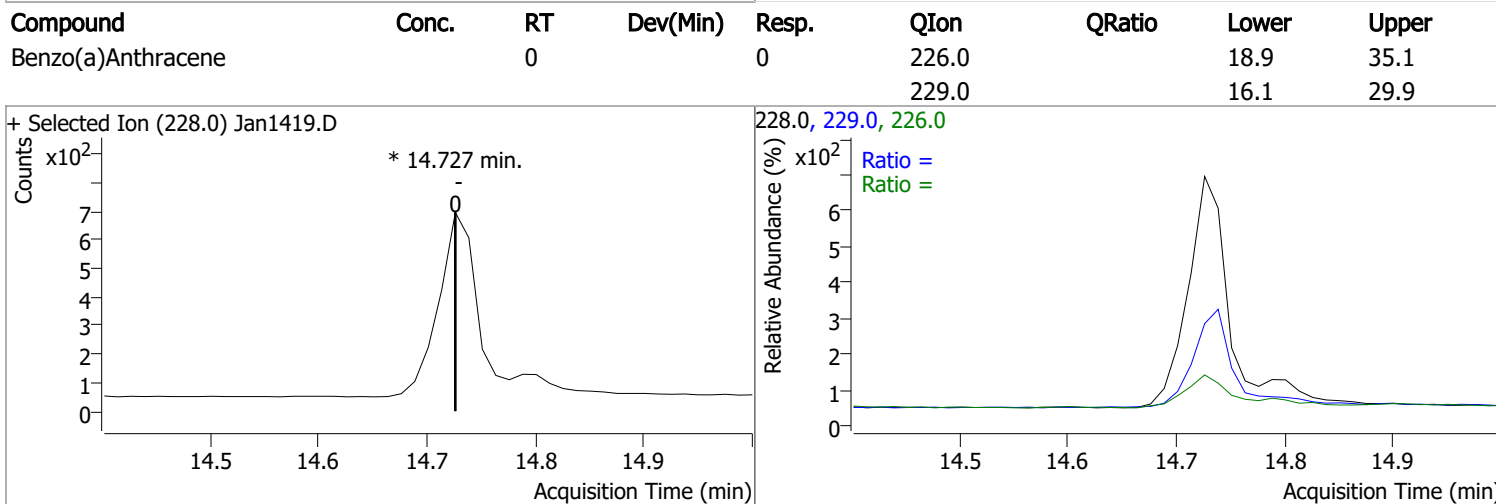
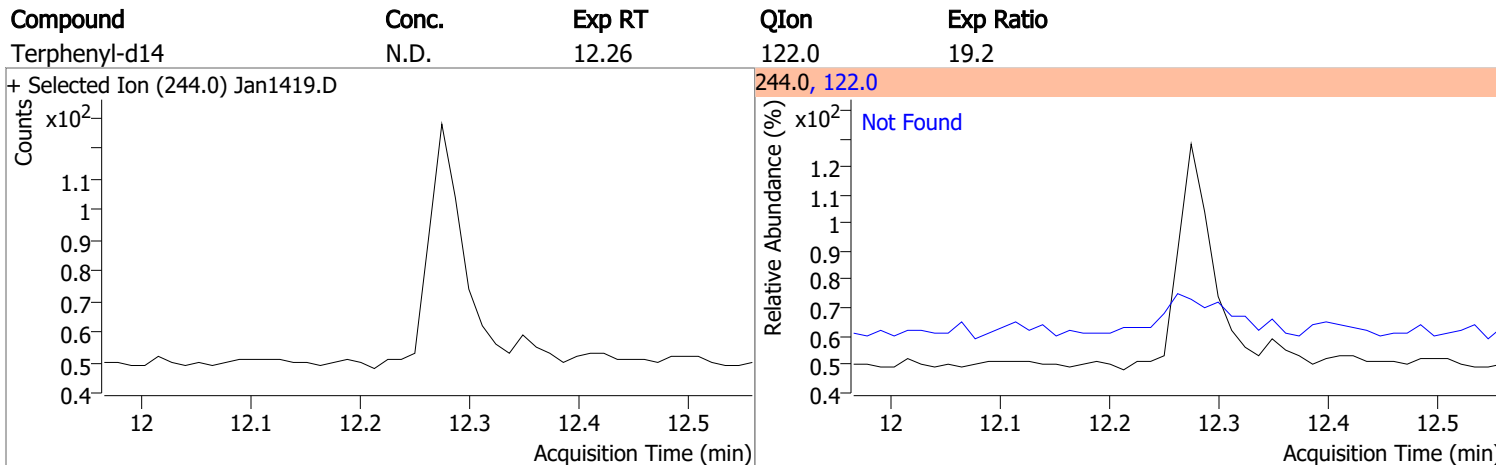
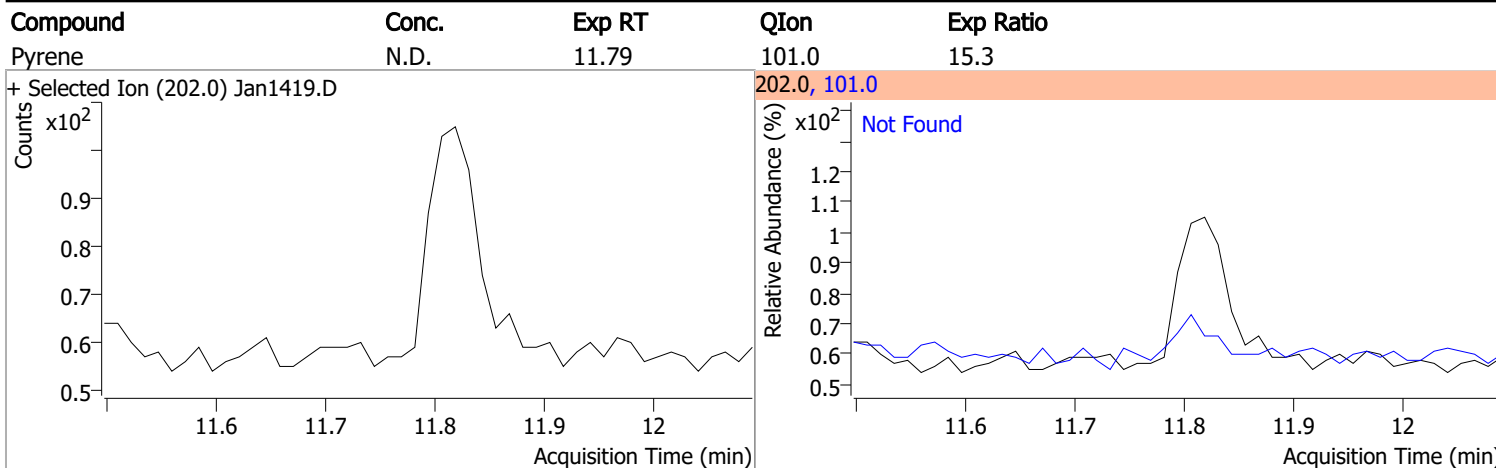
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Fluorene	N.D.	8.67	165.0	98.7	167.0	13.8



# Quantitation Results Report (QT Reviewed)

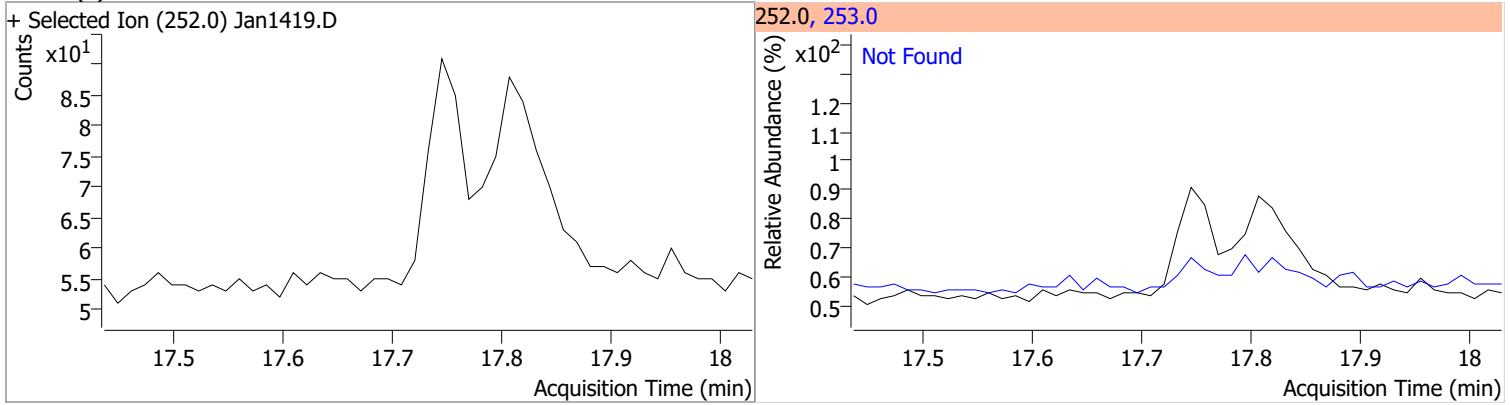
Compound	Conc.	Exp RT	QIon	Exp Ratio	
Phenanthrene	N.D.	9.80	176.0	15.5	
+ Selected Ion (178.0) Jan1419.D			178.0, 176.0		
				Not Found	
Anthracene	N.D.	9.87	176.0	18.1	
+ Selected Ion (178.0) Jan1419.D			178.0, 176.0		
				Not Found	
o-Terphenyl	N.D.	10.30	229.0	70.2	QIon 215.0, Exp Ratio 46.7
+ Selected Ion (230.0) Jan1419.D			230.0, 229.0, 215.0		
				Not Found	
Fluoranthene	N.D.	11.41	101.0	13.8	
+ Selected Ion (202.0) Jan1419.D			202.0, 101.0		
				Not Found	

# Quantitation Results Report (QT Reviewed)

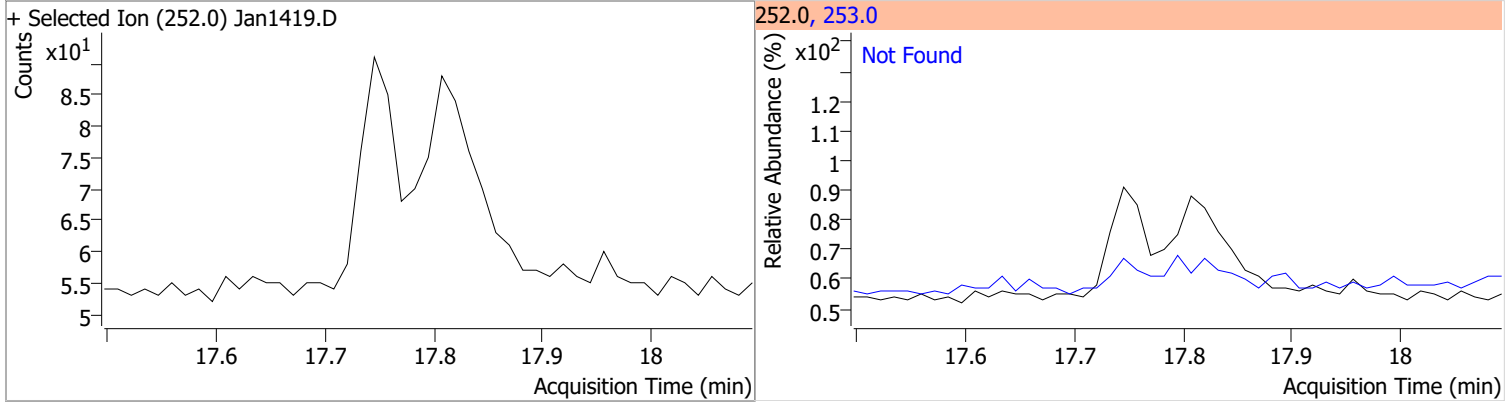


# Quantitation Results Report (QT Reviewed)

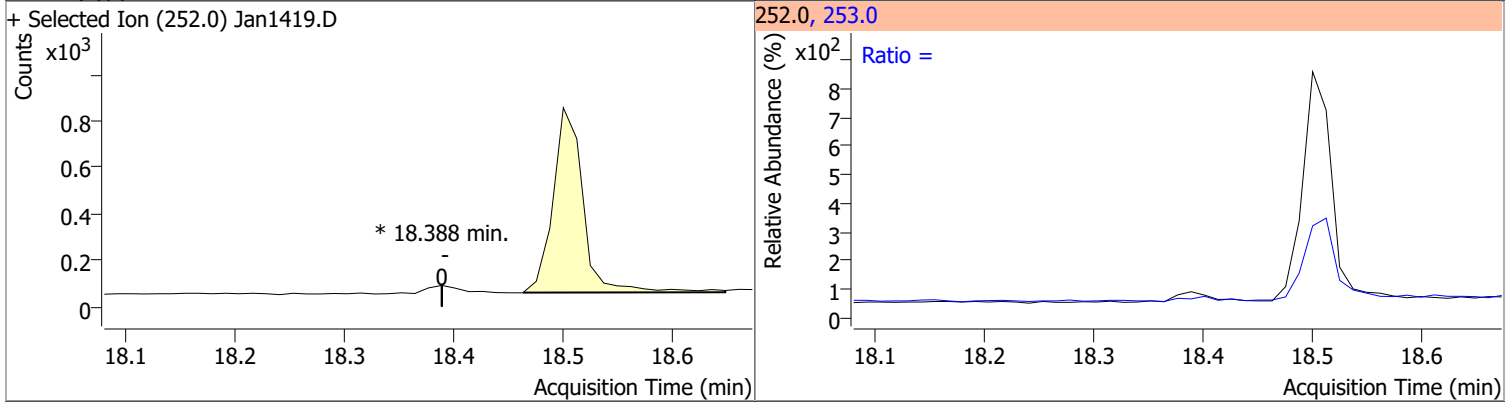
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



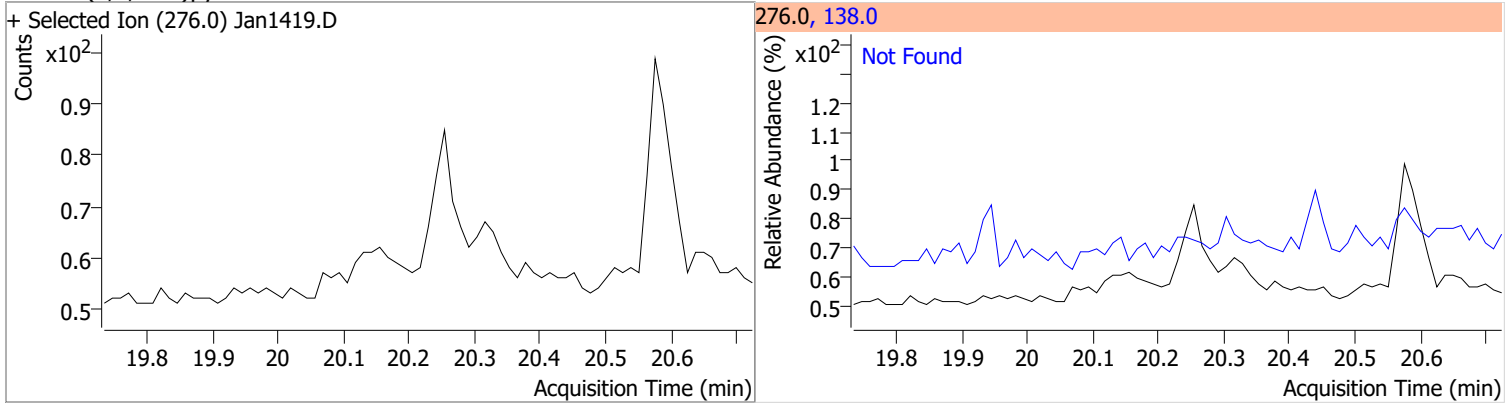
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6

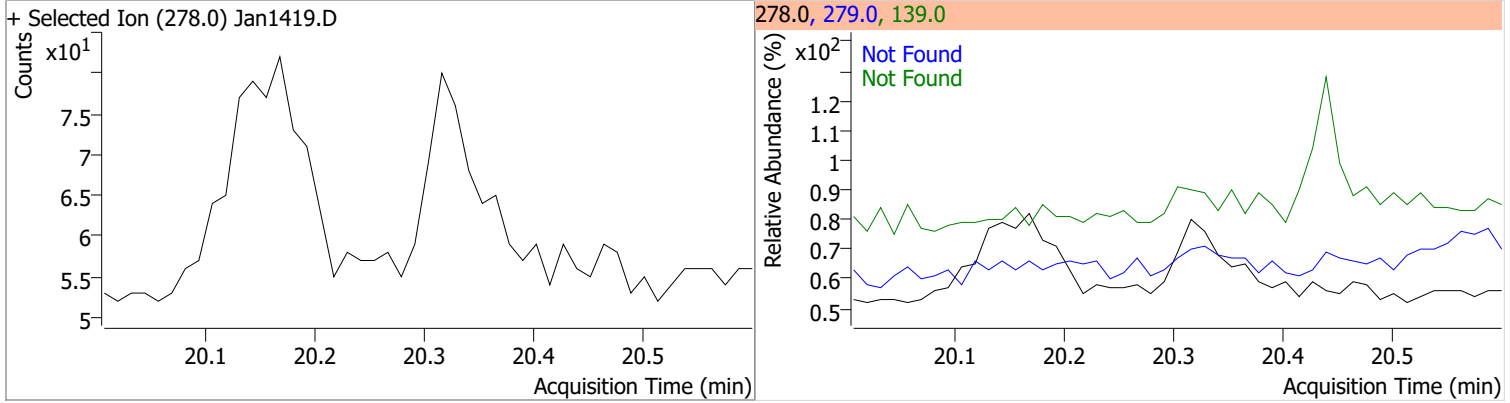


Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9

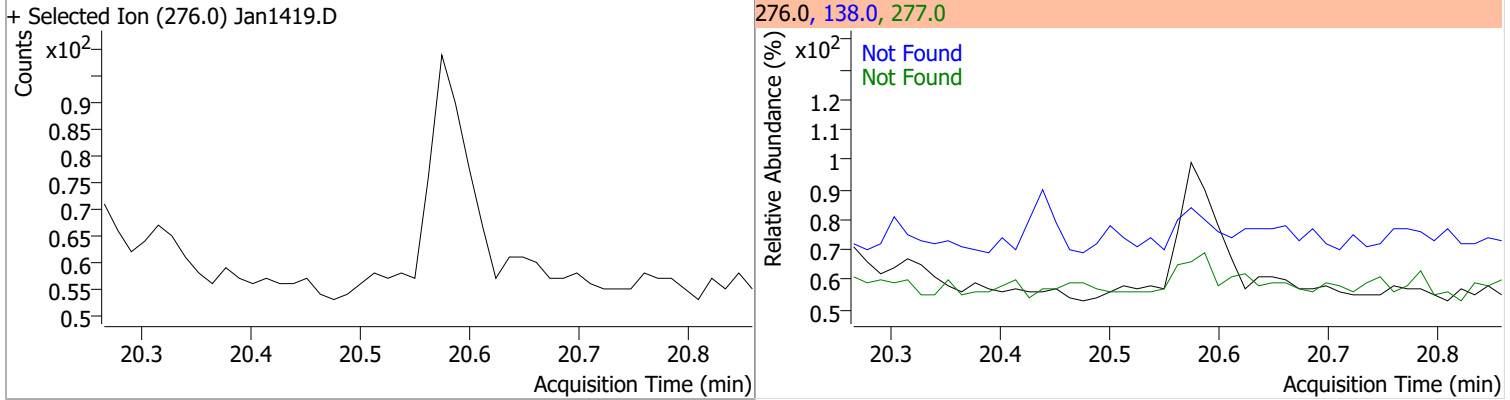


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3





# Audit Trail report

**Batch name and path:** \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin  
**Quant batch version:** 10.0  
**Quant reporting version:** 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\jheine	1/17/2022 8:24:28 AM	Create new batch \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\011422 bna SIM 2.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\jheine	1/17/2022 8:25:21 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1419.D, \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1418.D, \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D, \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D, \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D, \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D, \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D, \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D, \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D, \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1410.D			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:26:17 AM	Set SampleType = TuneCheck for sample Jan1410.D; previous value = Sample			✓	
CmdStartMethodEditing	BL2000\jheine	1/17/2022 8:27:03 AM	Start method editing			✓	
CmdImportMethodFromBatch	BL2000\jheine	1/17/2022 8:27:04 AM	Import method from batch \\MASSHUNTER\Org\Data\SV5975.I\sh011322\2 e8270d bna SIM\011322 bna SIM 2.batch.bin			✓	
CmdApplyMethodToAllSamples	BL2000\jheine	1/17/2022 8:27:13 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\jheine	1/17/2022 8:27:13 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\jheine	1/17/2022 8:27:13 AM	End method editing			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:27:20 AM	Set SampleType = Calibration for sample Jan1411.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:27:21 AM	Set SampleType = Calibration for sample Jan1412.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:27:25 AM	Set SampleType = Calibration for sample Jan1413.D; previous value = Sample			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:27:28 AM	Set SampleType = Calibration for sample Jan1414.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:27:30 AM	Set SampleType = Calibration for sample Jan1415.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:27:33 AM	Set SampleType = Calibration for sample Jan1416.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:27:35 AM	Set SampleType = Calibration for sample Jan1417.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:27:38 AM	Set SampleType = QC for sample Jan1418.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:27:42 AM	Set LevelName = ICV for sample Jan1418.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:27:44 AM	Set LevelName = 1 for sample Jan1417.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:27:48 AM	Set LevelName = 2 for sample Jan1416.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:27:50 AM	Set LevelName = 3 for sample Jan1415.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:27:54 AM	Set LevelName = 4 for sample Jan1414.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:28:00 AM	Set LevelName = 5 for sample Jan1413.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:28:03 AM	Set LevelName = 6 for sample Jan1412.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:28:06 AM	Set LevelName = 7 for sample Jan1411.D; previous value =			✓	
CmdQuantitate	BL2000\jheine	1/17/2022 8:28:11 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:29:14 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1413.D, from x, y = 5.941, 578 to 6.040, 84, result = 2700; previous integration is from x, y = 5.878, 82 to 6.040, 84 and previous response = 6815.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:29:16 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1413.D to y = 84, new integration is from x, y = 5.941, 84 to 6.040, 84 and new response = 4180; previous integration is from x, y = 5.941, 578 to 6.040, 84 and previous response = 2700.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:29:34 AM	Manually integrate qualifier 153.0 of compound Acenaphthylene in sample Jan1413.D from x, y = 7.813, 1143 to 7.876, 2758; result = -4349			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:29:36 AM	Snap baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan1413.D from x = 7.813 to x = 7.876, new integration is from x, y = 7.813, 98 to 7.876, 167 and new response = 2448; previous integration is from x, y = 7.813, 1143 to 7.876, 2758 and previous response = -4349.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:29:37 AM	Drop baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan1413.D to y = 98, new integration is from x, y = 7.813, 98 to 7.876, 98 and new response = 2577; previous integration is from x, y = 7.813, 98 to 7.876, 167 and previous response = 2448.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/17/2022 8:29:46 AM	Split qualifier 167.0 of compound Fluorene in sample Jan1413.D and keep left peak, new integration is from x, y = 8.636, 70.0774603174603 to 8.798, 70.0774603174603 and new response = 2126, previous integration is from x, y = 8.636, 70 to 8.972, 70 and previous response = 5351.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:31:06 AM	Manually integrate compound Benzo(g,h,i)perylene in sample Jan1413.D, from x, y = 20.526, 924 to 20.674, 1449, result = 7107; previous integration is from x, y = 20.538, 651 to 20.621, 606 and previous response = 11242.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:31:08 AM	Snap baseline for compound Benzo(g,h,i)perylene in sample Jan1413.D, from x = 20.526 to x = 20.674, new integration is from x, y = 20.526, 111 to 20.674, 267 and new response = 15982; previous integration is from x, y = 20.526, 924 to 20.674, 1449 and previous response = 7107.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:31:09 AM	Drop baseline for compound Benzo(g,h,i)perylene in sample Jan1413.D to y = 111, new integration is from x, y = 20.526, 111 to 20.674, 111 and new response = 16676; previous integration is from x, y = 20.526, 111 to 20.674, 267 and previous response = 15982.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:31:23 AM	Set UserAnnotation = BA for compound Benzo(g,h,i)perylene in sample Jan1413.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateRetentionTimes	BL2000\jheine	1/17/2022 8:31:37 AM	Update retention time for compound Perylene-d12; Chrysene-d12; Phenanthrene-d10; Acenaphthene- d10; Naphthalene-d8; 1,4- Dichlorobenzene-d4; o-Terphenyl; Terphenyl-d14; 2-Fluorobiphenyl; Nitrobenzene-d5; Dibenzo(a,h)anthracene; Indeno(1,2,3-cd)pyrene; Benzo(a)pyrene; Benzo(k)fluoranthene; Benzo(b)fluoranthene; Chrysene; Benzo(a)Anthracene; Pyrene; Fluoranthene; Anthracene; Phenanthrene; Fluorene; Acenaphthene; Acenaphthylene; 1- Methylnaphthalene; 2- Methylnaphthalene; Naphthalene; Benzo(g,h,i)perylene;			✓	
CmdQuantitate	BL2000\jheine	1/17/2022 8:31:44 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\jheine	1/17/2022 8:32:15 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateQualifierRatios	BL2000\jheine	1/17/2022 8:32:47 AM	Update qualifier ratios for compound Perylene-d12; Update qualifier ratios for compound Chrysene-d12; Update qualifier ratios for compound Phenanthrene-d10; Update qualifier ratios for compound Acenaphthene-d10; Update qualifier ratios for compound Naphthalene-d8; Update qualifier ratios for compound 1,4-Dichlorobenzene-d4; Update qualifier ratios for compound Terphenyl-d14; Update qualifier ratios for compound 2-Fluorobiphenyl; Update qualifier ratios for compound Nitrobenzene-d5; Update qualifier ratios for compound Benzo(g,h,i)perylene; Update qualifier ratios for compound Dibenzo(a,h)anthracene; Update qualifier ratios for compound Indeno(1,2,3-cd)pyrene; Update qualifier ratios for compound Benzo(a)pyrene; Update qualifier ratios for compound Benzo(k)fluoranthene; Update qualifier ratios for compound Benzo(b)fluoranthene; Update qualifier ratios for compound Chrysene; Update qualifier ratios for compound Benzo(a)Anthracene; Update qualifier ratios for compound Pyrene; Update qualifier ratios for compound Fluoranthene; Update qualifier ratios for compound Anthracene; Update qualifier ratios for compound Phenanthrene; Update qualifier ratios for compound Fluorene; Update qualifier ratios for compound Acenaphthene; Update qualifier ratios for compound Acenaphthylene; Update qualifier ratios for compound 1-Methylnaphthalene; Update qualifier ratios for compound 2-Methylnaphthalene; Update qualifier ratios for compound Naphthalene; Update qualifier ratios for compound o-Terphenyl;			✓	
CmdQuantitate	BL2000\jheine	1/17/2022 8:32:54 AM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\jheine	1/17/2022 8:33:08 AM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\jheine	1/17/2022 8:34:18 AM	Quantitate all compounds in all samples			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:36:10 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1412.D, from x, y = 5.941, 821 to 6.041, 107, result = 6881; previous integration is from x, y = 5.909, 111 to 6.041, 107 and previous response = 11872.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:36:11 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1412.D to y = 107, new integration is from x, y = 5.941, 107 to 6.041, 107 and new response = 9021; previous integration is from x, y = 5.941, 821 to 6.041, 107 and previous response = 6881.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:37:13 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1414.D, from x, y = 5.941, 1712 to 6.041, 1414, result = -6315; previous integration is from x, y = 5.906, 78 to 6.153, 78 and previous response = 5305.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:37:17 AM	Snap baseline for qualifier 102.0 of compound Naphthalene in sample Jan1414.D from x = 5.941 to x = 6.041, new integration is from x, y = 5.941, 1393 to 6.041, 106 and new response = -1437; previous integration is from x, y = 5.941, 1712 to 6.041, 1414 and previous response = -6315.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:37:17 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1414.D to y = 106, new integration is from x, y = 5.941, 106 to 6.041, 106 and new response = 2421; previous integration is from x, y = 5.941, 1393 to 6.041, 106 and previous response = -1437.			✓	
CmdManuallyIntegrateApplyTargetRtToQualifier	BL2000\jheine	1/17/2022 8:37:29 AM	Apply target integration range 7.801-7.913 to qualifier 153.0 for compound Acenaphthylene in sample Jan1414.D, new integration is from x, y = 7.801, 66 to 7.913, 88 and new response = 1342; previously no peak.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:38:17 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1415.D, from x, y = 5.941, 385 to 6.016, 71, result = 850; previous integration is from x, y = 5.895, 71 to 6.016, 71 and previous response = 4019.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:38:19 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1415.D to y = 71, new integration is from x, y = 5.941, 71 to 6.016, 71 and new response = 1556; previous integration is from x, y = 5.941, 385 to 6.016, 71 and previous response = 850.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:38:28 AM	Manually integrate compound 1-Methylnaphthalene in sample Jan1415.D, from x, y = 6.877, 266 to 7.052, 191, result = 1731; previous integration is from x, y = 6.765, 76 to 6.877, 76 and previous response = 2919.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:38:30 AM	Snap baseline for compound 1-Methylnaphthalene in sample Jan1415.D, from x = 6.877 to x = 7.052, new integration is from x, y = 6.877, 151 to 7.052, 96 and new response = 2829; previous integration is from x, y = 6.877, 266 to 7.052, 191 and previous response = 1731.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:38:31 AM	Drop baseline for compound 1-Methylnaphthalene in sample Jan1415.D to y = 96, new integration is from x, y = 6.877, 96 to 7.052, 96 and new response = 3118; previous integration is from x, y = 6.877, 151 to 7.052, 96 and previous response = 2829.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:38:35 AM	Set UserAnnotation = NI for compound 1-Methylnaphthalene in sample Jan1415.D; previous value =			✓	
CmdManuallyIntegrateApplyTargetRtToQualifier	BL2000\jheine	1/17/2022 8:38:42 AM	Apply target integration range 7.802-7.988 to qualifier 153.0 for compound Acenaphthylene in sample Jan1415.D, new integration is from x, y = 7.802, 64 to 7.988, 73 and new response = 661; previously no peak.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:39:27 AM	Manually integrate qualifier 129.0 of compound Naphthalene in sample Jan1416.D, from x, y = 5.910, 80 to 6.003, 102, result = 240; previous integration is from x, y = 5.910, 80 to 6.068, 80 and previous response = 324.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:39:28 AM	Drop baseline for qualifier 129.0 of compound Naphthalene in sample Jan1416.D to y = 80, new integration is from x, y = 5.910, 80 to 6.003, 80 and new response = 301; previous integration is from x, y = 5.910, 80 to 6.003, 102 and previous response = 240.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:39:33 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1416.D, from x, y = 5.941, 1041 to 6.053, 914, result = -4869; previous integration is from x, y = 5.904, 69 to 6.091, 69 and previous response = 3561.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:39:34 AM	Snap baseline for qualifier 102.0 of compound Naphthalene in sample Jan1416.D from x = 5.941 to x = 6.053, new integration is from x, y = 5.941, 1317 to 6.053, 93 and new response = -3030; previous integration is from x, y = 5.941, 1041 to 6.053, 914 and previous response = -4869.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:39:35 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1416.D to y = 93, new integration is from x, y = 5.941, 93 to 6.053, 93 and new response = 1097; previous integration is from x, y = 5.941, 1317 to 6.053, 93 and previous response = -3030.			✓	
CmdManuallyIntegrateApplyTargetRtToQualifier	BL2000\jheine	1/17/2022 8:39:45 AM	Apply target integration range 7.803-7.976 to qualifier 153.0 for compound Acenaphthylene in sample Jan1416.D, new integration is from x, y = 7.803, 63 to 7.976, 69 and new response = 257; previous integration is from x, y = 7.988, 64 to 8.125, 64 and previous response = 1612.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/17/2022 8:39:50 AM	Split peak for compound Acenaphthene in sample Jan1416.D and keep right peak, new integration is from x, y = 7.963, 61.8891534391534 to 8.100, 61.8891534391534 and new response = 2240, previous integration is from x, y = 7.963, 62 to 8.100, 62 and previous response = 2240.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:39:55 AM	Manually integrate compound Acenaphthene in sample Jan1416.D, from x, y = 8.025, 115 to 8.100, 62, result = 1243; previous integration is from x, y = 7.963, 62 to 8.100, 62 and previous response = 2240.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:39:57 AM	Drop baseline for compound Acenaphthene in sample Jan1416.D to y = 62, new integration is from x, y = 8.025, 62 to 8.100, 62 and new response = 1362; previous integration is from x, y = 8.025, 115 to 8.100, 62 and previous response = 1243.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:39:59 AM	Set UserAnnotation = CO for compound Acenaphthene in sample Jan1416.D; previous value =			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSplit	BL2000\jheine	1/17/2022 8:40:05 AM	Split peak for compound Phenanthrene in sample Jan1416.D and keep left peak, new integration is from x, y = 9.749, 66.7545695045695 to 9.842, 66.7545695045695 and new response = 2407, previous integration is from x, y = 9.749, 67 to 9.953, 67 and previous response = 4451.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:40:08 AM	Set UserAnnotation = CO for compound Phenanthrene in sample Jan1416.D; previous value =			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/17/2022 8:40:11 AM	Split peak for compound Anthracene in sample Jan1416.D and keep right peak, new integration is from x, y = 9.842, 66.7545695045695 to 9.953, 66.7545695045695 and new response = 2045, previous integration is from x, y = 9.749, 67 to 9.953, 67 and previous response = 4451.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:40:13 AM	Set UserAnnotation = CO for compound Anthracene in sample Jan1416.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:40:48 AM	Manually integrate qualifier 128.0 of compound Nitrobenzene-d5 in sample Jan1416.D, from x, y = 5.134, 112 to 5.230, 133, result = 98; previous integration is from x, y = 5.134, 112 to 5.317, 108 and previous response = 204.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:40:49 AM	Drop baseline for qualifier 128.0 of compound Nitrobenzene-d5 in sample Jan1416.D to y = 112, new integration is from x, y = 5.134, 112 to 5.230, 112 and new response = 160; previous integration is from x, y = 5.134, 112 to 5.230, 133 and previous response = 98.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:41:25 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1417.D, from x, y = 5.953, 167 to 6.016, 69, result = 248; previous integration is from x, y = 5.905, 69 to 6.016, 69 and previous response = 3211.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:41:27 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1417.D to y = 69, new integration is from x, y = 5.953, 69 to 6.016, 69 and new response = 432; previous integration is from x, y = 5.953, 167 to 6.016, 69 and previous response = 248.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:41:35 AM	Manually integrate qualifier 142.0 of compound 2-Methylnaphthalene in sample Jan1417.D from x, y = 6.765, 80 to 6.877, 88; result = 665			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:41:37 AM	Drop baseline for qualifier 142.0 of compound 2-Methylnaphthalene in sample Jan1417.D to y = 80, new integration is from x, y = 6.765, 80 to 6.877, 80 and new response = 691; previous integration is from x, y = 6.765, 80 to 6.877, 88 and previous response = 665.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:41:47 AM	Manually integrate qualifier 153.0 of compound Acenaphthylene in sample Jan1417.D, from x, y = 7.814, 97 to 7.851, 176, result = -57; previous integration is from x, y = 8.025, 64 to 8.100, 64 and previous response = 787.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:41:48 AM	Snap baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan1417.D from x = 7.814 to x = 7.851, new integration is from x, y = 7.814, 62 to 7.851, 77 and new response = 93; previous integration is from x, y = 7.814, 97 to 7.851, 176 and previous response = -57.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:41:49 AM	Drop baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan1417.D to y = 62, new integration is from x, y = 7.814, 62 to 7.851, 62 and new response = 110; previous integration is from x, y = 7.814, 62 to 7.851, 77 and previous response = 93.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:41:55 AM	Manually integrate compound Acenaphthene in sample Jan1417.D, from x, y = 8.025, 311 to 8.125, 389, result = -928; previous integration is from x, y = 7.966, 61 to 8.275, 61 and previous response = 1688.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:41:56 AM	Snap baseline for compound Acenaphthene in sample Jan1417.D, from x = 8.025 to x = 8.125, new integration is from x, y = 8.025, 145 to 8.125, 70 and new response = 522; previous integration is from x, y = 8.025, 311 to 8.125, 389 and previous response = -928.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:41:57 AM	Drop baseline for compound Acenaphthene in sample Jan1417.D to y = 70, new integration is from x, y = 8.025, 70 to 8.125, 70 and new response = 747; previous integration is from x, y = 8.025, 145 to 8.125, 70 and previous response = 522.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:41:58 AM	Set UserAnnotation = CO for compound Acenaphthene in sample Jan1417.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:42:03 AM	Manually integrate qualifier 153.0 of compound Acenaphthene in sample Jan1417.D from x, y = 8.025, 139 to 8.100, 167; result = 384			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:42:05 AM	Snap baseline for qualifier 153.0 of compound Acenaphthene in sample Jan1417.D from x = 8.025 to x = 8.100, new integration is from x, y = 8.025, 97 to 8.100, 75 and new response = 686; previous integration is from x, y = 8.025, 139 to 8.100, 167 and previous response = 384.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:42:05 AM	Drop baseline for qualifier 153.0 of compound Acenaphthene in sample Jan1417.D to y = 75, new integration is from x, y = 8.025, 75 to 8.100, 75 and new response = 736; previous integration is from x, y = 8.025, 97 to 8.100, 75 and previous response = 686.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:42:17 AM	Manually integrate compound Fluoranthene in sample Jan1417.D from x, y = 11.398, 69 to 11.547, 151; result = 756			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:42:19 AM	Snap baseline for compound Fluoranthene in sample Jan1417.D, from x = 11.398 to x = 11.547, new integration is from x, y = 11.398, 58 to 11.547, 69 and new response = 1173; previous integration is from x, y = 11.398, 69 to 11.547, 151 and previous response = 756.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:42:20 AM	Drop baseline for compound Fluoranthene in sample Jan1417.D to y = 58, new integration is from x, y = 11.398, 58 to 11.547, 58 and new response = 1222; previous integration is from x, y = 11.398, 58 to 11.547, 69 and previous response = 1173.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:43:14 AM	Manually integrate compound Pyrene in sample Jan1417.D from x, y = 11.769, 97 to 11.905, 181; result = 678			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:43:16 AM	Snap baseline for compound Pyrene in sample Jan1417.D, from x = 11.769 to x = 11.905, new integration is from x, y = 11.769, 63 to 11.905, 78 and new response = 1239; previous integration is from x, y = 11.769, 97 to 11.905, 181 and previous response = 678.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:43:16 AM	Drop baseline for compound Pyrene in sample Jan1417.D to y = 63, new integration is from x, y = 11.769, 63 to 11.905, 63 and new response = 1300; previous integration is from x, y = 11.769, 63 to 11.905, 78 and previous response = 1239.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:43:21 AM	Manually integrate qualifier 101.0 of compound Pyrene in sample Jan1417.D, from x, y = 11.747, 60 to 11.868, 73, result = 142; previous integration is from x, y = 11.747, 60 to 11.917, 60 and previous response = 209.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:43:22 AM	Drop baseline for qualifier 101.0 of compound Pyrene in sample Jan1417.D to y = 60, new integration is from x, y = 11.747, 60 to 11.868, 60 and new response = 189; previous integration is from x, y = 11.747, 60 to 11.868, 73 and previous response = 142.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:43:29 AM	Manually integrate compound Benzo(a)Anthracene in sample Jan1417.D from x, y = 14.652, 51 to 14.764, 94; result = 1717			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:43:30 AM	Drop baseline for compound Benzo(a)Anthracene in sample Jan1417.D to y = 51, new integration is from x, y = 14.652, 51 to 14.764, 51 and new response = 1860; previous integration is from x, y = 14.652, 51 to 14.764, 94 and previous response = 1717.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:43:32 AM	Set UserAnnotation = NI for compound Benzo(a)Anthracene in sample Jan1417.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdClearManualIntegration	BL2000\jheine	1/17/2022 8:43:36 AM	Clear manual integration of target signal for compound Pyrene in sample Jan1417.D				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Integrator did not find any peaks at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ClearManualIntegration() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdClearManualIntegration.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:43:42 AM	Manually integrate compound Pyrene in sample Jan1417.D from x, y = 11.769, 63 to 11.917, 75; result = 1256			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:43:43 AM	Drop baseline for compound Pyrene in sample Jan1417.D to y = 63, new integration is from x, y = 11.769, 63 to 11.917, 63 and new response = 1310; previous integration is from x, y = 11.769, 63 to 11.917, 75 and previous response = 1256.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:43:44 AM	Set UserAnnotation = NI for compound Pyrene in sample Jan1417.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:43:49 AM	Set UserAnnotation = NI for compound Fluoranthene in sample Jan1417.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:43:56 AM	Manually integrate compound Chrysene in sample Jan1417.D, from x, y = 14.764, 244 to 14.926, 169, result = -199; previous integration is from x, y = 14.659, 57 to 14.764, 58 and previous response = 1819.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:43:57 AM	Snap baseline for compound Chrysene in sample Jan1417.D, from x = 14.764 to x = 14.926, new integration is from x, y = 14.764, 161 to 14.926, 65 and new response = 706; previous integration is from x, y = 14.764, 244 to 14.926, 169 and previous response = -199.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:43:58 AM	Drop baseline for compound Chrysene in sample Jan1417.D to y = 65, new integration is from x, y = 14.764, 65 to 14.926, 65 and new response = 1172; previous integration is from x, y = 14.764, 161 to 14.926, 65 and previous response = 706.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:44:02 AM	Manually integrate qualifier 226.0 of compound Chrysene in sample Jan1417.D from x, y = 14.751, 98 to 14.938, 75; result = 56			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:44:04 AM	Snap baseline for qualifier 226.0 of compound Chrysene in sample Jan1417.D from x = 14.751 to x = 14.938, new integration is from x, y = 14.751, 85 to 14.938, 58 and new response = 222; previous integration is from x, y = 14.751, 98 to 14.938, 75 and previous response = 56.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:44:04 AM	Drop baseline for qualifier 226.0 of compound Chrysene in sample Jan1417.D to y = 58, new integration is from x, y = 14.751, 58 to 14.938, 58 and new response = 373; previous integration is from x, y = 14.751, 85 to 14.938, 58 and previous response = 222.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:44:10 AM	Manually integrate qualifier 229.0 of compound Chrysene in sample Jan1417.D from x, y = 14.764, 123 to 14.888, 111; result = -146			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:44:11 AM	Snap baseline for qualifier 229.0 of compound Chrysene in sample Jan1417.D from x = 14.764 to x = 14.888, new integration is from x, y = 14.764, 93 to 14.888, 62 and new response = 147; previous integration is from x, y = 14.764, 123 to 14.888, 111 and previous response = -146.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:44:12 AM	Drop baseline for qualifier 229.0 of compound Chrysene in sample Jan1417.D to y = 62, new integration is from x, y = 14.764, 62 to 14.888, 62 and new response = 262; previous integration is from x, y = 14.764, 93 to 14.888, 62 and previous response = 147.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:44:20 AM	Set UserAnnotation = NI for compound Chrysene in sample Jan1417.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:44:29 AM	Manually integrate compound Benzo(k)fluoranthene in sample Jan1417.D from x, y = 17.783, 190 to 17.919, 123; result = 68			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:44:30 AM	Snap baseline for compound Benzo(k)fluoranthene in sample Jan1417.D, from x = 17.783 to x = 17.919, new integration is from x, y = 17.783, 159 to 17.919, 70 and new response = 410; previous integration is from x, y = 17.783, 190 to 17.919, 123 and previous response = 68.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:44:30 AM	Drop baseline for compound Benzo(k)fluoranthene in sample Jan1417.D to y = 70, new integration is from x, y = 17.783, 70 to 17.919, 70 and new response = 773; previous integration is from x, y = 17.783, 159 to 17.919, 70 and previous response = 410.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:44:34 AM	Manually integrate qualifier 253.0 of compound Benzo(k)fluoranthene in sample Jan1417.D from x, y = 17.783, 87 to 17.869, 87; result = 29			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:44:36 AM	Snap baseline for qualifier 253.0 of compound Benzo(k)fluoranthene in sample Jan1417.D from x = 17.783 to x = 17.869, new integration is from x, y = 17.783, 84 to 17.869, 64 and new response = 97; previous integration is from x, y = 17.783, 87 to 17.869, 87 and previous response = 29.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:44:37 AM	Drop baseline for qualifier 253.0 of compound Benzo(k)fluoranthene in sample Jan1417.D to y = 64, new integration is from x, y = 17.783, 64 to 17.869, 64 and new response = 149; previous integration is from x, y = 17.783, 84 to 17.869, 64 and previous response = 97.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:44:44 AM	Manually integrate compound Benzo(a)pyrene in sample Jan1417.D, from x, y = 18.351, 108 to 18.462, 162, result = 76; previous integration is from x, y = 18.462, 62 to 18.586, 62 and previous response = 933.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:44:45 AM	Snap baseline for compound Benzo(a)pyrene in sample Jan1417.D, from x = 18.351 to x = 18.462, new integration is from x, y = 18.351, 61 to 18.462, 74 and new response = 528; previous integration is from x, y = 18.351, 108 to 18.462, 162 and previous response = 76.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:44:46 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan1417.D to y = 61, new integration is from x, y = 18.351, 61 to 18.462, 61 and new response = 571; previous integration is from x, y = 18.351, 61 to 18.462, 74 and previous response = 528.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:44:47 AM	Set UserAnnotation = NI for compound Benzo(a)pyrene in sample Jan1417.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:44:51 AM	Manually integrate qualifier253.0 of compound Benzo(a)pyrene in sample Jan1417.D from x, y = 18.351, 72 to 18.450, 102; result = -28			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:44:53 AM	Snap baseline for qualifier 253.0 of compound Benzo(a)pyrene in sample Jan1417.D from x = 18.351 to x = 18.450, new integration is from x, y = 18.351, 63 to 18.450, 64 and new response = 112; previous integration is from x, y = 18.351, 72 to 18.450, 102 and previous response = -28.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:44:53 AM	Drop baseline for qualifier 253.0 of compound Benzo(a)pyrene in sample Jan1417.D to y = 63, new integration is from x, y = 18.351, 63 to 18.450, 63 and new response = 115; previous integration is from x, y = 18.351, 63 to 18.450, 64 and previous response = 112.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:45:02 AM	Manually integrate qualifier279.0 of compound Dibenzo(a,h)anthracene in sample Jan1417.D from x, y = 20.266, 64 to 20.414, 63; result = 172			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:45:04 AM	Drop baseline for qualifier 279.0 of compound Dibenzo(a,h)anthracene in sample Jan1417.D to y = 63, new integration is from x, y = 20.266, 63 to 20.414, 63 and new response = 176; previous integration is from x, y = 20.266, 64 to 20.414, 63 and previous response = 172.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:45:12 AM	Manually integrate compound Benzo(g,h,i)perylene in sample Jan1417.D from x, y = 20.538, 59 to 20.662, 127; result = 555			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:45:14 AM	Snap baseline for compound Benzo(g,h,i)perylene in sample Jan1417.D, from x = 20.538 to x = 20.662, new integration is from x, y = 20.538, 59 to 20.662, 73 and new response = 755; previous integration is from x, y = 20.538, 59 to 20.662, 127 and previous response = 555.			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:45:14 AM	Drop baseline for compound Benzo(g,h,i)perylene in sample Jan1417.D to y = 59, new integration is from x, y = 20.538, 59 to 20.662, 59 and new response = 807; previous integration is from x, y = 20.538, 59 to 20.662, 73 and previous response = 755.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:45:16 AM	Set UserAnnotation = NI for compound Benzo(g,h,i)perylene in sample Jan1417.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:45:22 AM	Manually integrate qualifier 277.0 of compound Benzo(g,h,i)perylene in sample Jan1417.D from x, y = 20.526, 56 to 20.637, 60; result = 192			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:45:23 AM	Drop baseline for qualifier 277.0 of compound Benzo(g,h,i)perylene in sample Jan1417.D to y = 56, new integration is from x, y = 20.526, 56 to 20.637, 56 and new response = 205; previous integration is from x, y = 20.526, 56 to 20.637, 60 and previous response = 192.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:45:31 AM	Manually integrate compound Nitrobenzene-d5 in sample Jan1417.D from x, y = 5.118, 270 to 5.255, 276; result = 260			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:45:32 AM	Drop baseline for compound Nitrobenzene-d5 in sample Jan1417.D to y = 270, new integration is from x, y = 5.118, 270 to 5.255, 270 and new response = 285; previous integration is from x, y = 5.118, 270 to 5.255, 276 and previous response = 260.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:45:35 AM	Set UserAnnotation = NI for compound Nitrobenzene-d5 in sample Jan1417.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:45:39 AM	Manually integrate qualifier 54.0 of compound Nitrobenzene-d5 in sample Jan1417.D, from x, y = 5.118, 89 to 5.230, 90, result = 72; previous integration is from x, y = 5.131, 91 to 5.367, 83 and previous response = 118.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:45:41 AM	Drop baseline for qualifier 54.0 of compound Nitrobenzene-d5 in sample Jan1417.D to y = 89, new integration is from x, y = 5.118, 89 to 5.230, 89 and new response = 75; previous integration is from x, y = 5.118, 89 to 5.230, 90 and previous response = 72.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:45:44 AM	Manually integrate qualifier 128.0 of compound Nitrobenzene-d5 in sample Jan1417.D from x, y = 5.131, 108 to 5.205, 109; result = 59			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:45:45 AM	Drop baseline for qualifier 128.0 of compound Nitrobenzene-d5 in sample Jan1417.D to y = 108, new integration is from x, y = 5.131, 108 to 5.205, 108 and new response = 61; previous integration is from x, y = 5.131, 108 to 5.205, 109 and previous response = 59.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:46:12 AM	Manually integrate compound 2-Fluorobiphenyl in sample Jan1417.D from x, y = 7.227, 52 to 7.352, 71; result = 789			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:46:14 AM	Drop baseline for compound 2-Fluorobiphenyl in sample Jan1417.D to y = 52, new integration is from x, y = 7.227, 52 to 7.352, 52 and new response = 861; previous integration is from x, y = 7.227, 52 to 7.352, 71 and previous response = 789.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:46:19 AM	Manually integrate qualifier 171.0 of compound 2-Fluorobiphenyl in sample Jan1417.D from x, y = 7.239, 54 to 7.364, 55; result = 326			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:46:20 AM	Drop baseline for qualifier 171.0 of compound 2-Fluorobiphenyl in sample Jan1417.D to y = 54, new integration is from x, y = 7.239, 54 to 7.364, 54 and new response = 329; previous integration is from x, y = 7.239, 54 to 7.364, 55 and previous response = 326.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:46:22 AM	Set UserAnnotation = NI for compound 2-Fluorobiphenyl in sample Jan1417.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:46:30 AM	Manually integrate compound o-Terphenyl in sample Jan1417.D from x, y = 10.274, 53 to 10.398, 55; result = 608			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:46:32 AM	Drop baseline for compound o-Terphenyl in sample Jan1417.D to y = 53, new integration is from x, y = 10.274, 53 to 10.398, 53 and new response = 615; previous integration is from x, y = 10.274, 53 to 10.398, 55 and previous response = 608.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:46:37 AM	Manually integrate qualifier 229.0 of compound o-Terphenyl in sample Jan1417.D from x, y = 10.287, 55 to 10.385, 57; result = 396			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:46:38 AM	Drop baseline for qualifier 229.0 of compound o-Terphenyl in sample Jan1417.D to y = 55, new integration is from x, y = 10.287, 55 to 10.385, 55 and new response = 402; previous integration is from x, y = 10.287, 55 to 10.385, 57 and previous response = 396.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:46:42 AM	Manually integrate qualifier 215.0 of compound o-Terphenyl in sample Jan1417.D from x, y = 10.287, 55 to 10.385, 55; result = 270			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:46:45 AM	Drop baseline for qualifier 215.0 of compound o-Terphenyl in sample Jan1417.D to y = 55, new integration is from x, y = 10.287, 55 to 10.385, 55 and new response = 270; previous integration is from x, y = 10.287, 55 to 10.385, 55 and previous response = 270.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:47:48 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1418.D, from x, y = 5.941, 467 to 6.041, 73, result = 3713; previous integration is from x, y = 5.903, 73 to 6.041, 73 and previous response = 7853.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:47:50 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1418.D to y = 73, new integration is from x, y = 5.941, 73 to 6.041, 73 and new response = 4894; previous integration is from x, y = 5.941, 467 to 6.041, 73 and previous response = 3713.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/17/2022 8:47:55 AM	Split peak for compound 2-Methylnaphthalene in sample Jan1418.D and keep left peak, new integration is from x, y = 6.765, 76.8791208791209 to 6.877, 76.8791208791209 and new response = 15117, previous integration is from x, y = 6.765, 77 to 7.052, 77 and previous response = 30147.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/17/2022 8:48:02 AM	Split peak for compound 1-Methylnaphthalene in sample Jan1418.D and keep right peak, new integration is from x, y = 6.877, 76.8791208791209 to 7.052, 76.8791208791209 and new response = 15029, previous integration is from x, y = 6.765, 77 to 7.052, 77 and previous response = 30147.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSplit	BL2000\jheine	1/17/2022 8:48:05 AM	Split peak for compound 1-Methylnaphthalene in sample Jan1418.D and keep left peak, new integration is from x, y = 6.877, 76.8791208791209 to 6.952, 76.8791208791209 and new response = 13812, previous integration is from x, y = 6.877, 77 to 7.052, 77 and previous response = 15029.			✓	
CmdManuallyIntegrateApplyTargetRtToQualifier	BL2000\jheine	1/17/2022 8:48:19 AM	Apply target integration range 7.801-7.913 to qualifier 153.0 for compound Acenaphthylene in sample Jan1418.D, new integration is from x, y = 7.801, 65 to 7.913, 123 and new response = 3000; previously no peak.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/17/2022 8:48:29 AM	Split qualifier 167.0 of compound Fluorene in sample Jan1418.D and keep left peak, new integration is from x, y = 8.640, 67.2631944444444 to 8.786, 67.2631944444444 and new response = 2554, previous integration is from x, y = 8.640, 67 to 8.973, 67 and previous response = 6527.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\jheine	1/17/2022 8:49:06 AM	Replace level ICV with QC sample Jan1418.D for compounds {Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, o-Terphenyl}; Replace level 1 with Calibration sample Jan1417.D for compounds {Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, o-Terphenyl}; Replace level 2 with Calibration sample Jan1416.D for compounds {Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, o-Terphenyl}; Replace level 3 with Calibration sample Jan1415.D for compounds {Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, o-Terphenyl};			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			<p>Nitrobenzene-d5, o-Terphenyl};                      Replace level 4 with Calibration sample Jan1414.D for compounds                      {Benzo(g,h,i)perylene,                      Dibenzo(a,h)anthracene,                      Indeno(1,2,3-cd)pyrene,                      Benzo(a)pyrene,                      Benzo(k)fluoranthene,                      Benzo(b)fluoranthene, Chrysene,                      Benzo(a)Anthracene, Terphenyl-d14,                      Pyrene, Fluoranthene, Anthracene,                      Phenanthrene, Fluorene,                      Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene,                      2-Methylnaphthalene, Naphthalene,                      Nitrobenzene-d5, o-Terphenyl};                      Replace level 5 with Calibration sample Jan1413.D for compounds                      {Benzo(g,h,i)perylene,                      Dibenzo(a,h)anthracene,                      Indeno(1,2,3-cd)pyrene,                      Benzo(a)pyrene,                      Benzo(k)fluoranthene,                      Benzo(b)fluoranthene, Chrysene,                      Benzo(a)Anthracene, Terphenyl-d14,                      Pyrene, Fluoranthene, Anthracene,                      Phenanthrene, Fluorene,                      Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene,                      2-Methylnaphthalene, Naphthalene,                      Nitrobenzene-d5, o-Terphenyl};                      Replace level 6 with Calibration sample Jan1412.D for compounds                      {Benzo(g,h,i)perylene,                      Dibenzo(a,h)anthracene,                      Indeno(1,2,3-cd)pyrene,                      Benzo(a)pyrene,                      Benzo(k)fluoranthene,                      Benzo(b)fluoranthene, Chrysene,                      Benzo(a)Anthracene, Terphenyl-d14,                      Pyrene, Fluoranthene, Anthracene,                      Phenanthrene, Fluorene,                      Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene,                      2-Methylnaphthalene, Naphthalene,                      Nitrobenzene-d5, o-Terphenyl};                      Replace level 7 with Calibration sample Jan1411.D for compounds                      {Benzo(g,h,i)perylene,                      Dibenzo(a,h)anthracene,                      Indeno(1,2,3-cd)pyrene,                      Benzo(a)pyrene,                      Benzo(k)fluoranthene,                      Benzo(b)fluoranthene, Chrysene,                      Benzo(a)Anthracene, Terphenyl-d14,                      Pyrene, Fluoranthene, Anthracene,                      Phenanthrene, Fluorene,                      Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene,</p>				

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, o-Terphenyl};				
CmdQuantitate	BL2000\jheine	1/17/2022 8:49:13 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:50:32 AM	Set CurveFitWeight = weightOneOverX for compound Phenanthrene in all samples; previous value = weightOneOverXSquared			✓	
CmdQuantitate	BL2000\jheine	1/17/2022 8:50:38 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:51:03 AM	Set CurveFitWeight = weightOneOverX for compound Benzo(a)Anthracene in all samples; previous value = weightOneOverXSquared			✓	
CmdQuantitate	BL2000\jheine	1/17/2022 8:51:08 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:51:19 AM	Set CurveFitOrigin = originIgnore for compound Chrysene in all samples; previous value = originInclude			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:51:22 AM	Set CurveFit = fitAverageOfResponseFactors for compound Chrysene in all samples; previous value = fitQuadratic			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:51:25 AM	Set CurveFitWeight = weightEqual for compound Chrysene in all samples; previous value = weightOneOverXSquared			✓	
CmdQuantitate	BL2000\jheine	1/17/2022 8:51:31 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:51:43 AM	Set CurveFit = fitQuadratic for compound Terphenyl-d14 in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:51:44 AM	Set CurveFitOrigin = originInclude for compound Terphenyl-d14 in all samples; previous value = originIgnore			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:51:45 AM	Set CurveFitWeight = weightOneOverX for compound Terphenyl-d14 in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\jheine	1/17/2022 8:51:50 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:52:31 AM	Set CurveFit = fitQuadratic for compound Indeno(1,2,3-cd)pyrene in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:52:36 AM	Set CurveFitWeight = weightOneOverX for compound Indeno(1,2,3-cd)pyrene in all samples; previous value = weightEqual			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\jheine	1/17/2022 8:52:41 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\jheine	1/17/2022 8:53:08 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin			✓	
CmdSaveBatchTable	BL2000\jheine	1/17/2022 8:53:30 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:53:53 AM	Manually integrate compound Benzo(a)pyrene in sample Jan1419.D, from x, y = 18.363, 89 to 18.413, 182, result = -172; previous integration is from x, y = 18.463, 60 to 18.648, 61 and previous response = 1517.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:53:55 AM	Snap baseline for compound Benzo(a)pyrene in sample Jan1419.D, from x = 18.363 to x = 18.413, new integration is from x, y = 18.363, 56 to 18.413, 64 and new response = 52; previous integration is from x, y = 18.363, 89 to 18.413, 182 and previous response = -172.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:53:56 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan1419.D to y = 56, new integration is from x, y = 18.363, 56 to 18.413, 56 and new response = 64; previous integration is from x, y = 18.363, 56 to 18.413, 64 and previous response = 52.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 8:53:58 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan1419.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:54:03 AM	Manually integrate compound Acenaphthene in sample Jan1419.D, from x, y = 8.026, 97 to 8.150, 61, result = 113; previous integration is from x, y = 7.976, 61 to 8.150, 61 and previous response = 1385.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:54:05 AM	Drop baseline for compound Acenaphthene in sample Jan1419.D to y = 61, new integration is from x, y = 8.026, 61 to 8.150, 61 and new response = 250; previous integration is from x, y = 8.026, 97 to 8.150, 61 and previous response = 113.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 8:54:06 AM	Zero out primary peak of compound Acenaphthene in sample Jan1419.D			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:54:13 AM	Manually integrate compound Chrysene in sample Jan1419.D, from x, y = 14.776, 110 to 14.876, 51, result = 63; previous integration is from x, y = 14.656, 50 to 14.876, 51 and previous response = 1799.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:54:14 AM	Drop baseline for compound Chrysene in sample Jan1419.D to y = 51, new integration is from x, y = 14.776, 51 to 14.876, 51 and new response = 240; previous integration is from x, y = 14.776, 110 to 14.876, 51 and previous response = 63.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 8:54:16 AM	Zero out primary peak of compound Chrysene in sample Jan1419.D			✓	
CmdStartMethodEditing	BL2000\jheine	1/17/2022 8:54:22 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\jheine	1/17/2022 8:54:22 AM	Import method from sample Jan1419.D			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:39 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:39 AM	Set PeakFilterThresholdValue = 556.047048741229 for compound Naphthalene; previous value = 1037.63454930473			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:39 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:40 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:40 AM	Set PeakFilterThresholdValue = 61.1233050731016 for qualifier 129.0 of compound Naphthalene; previous value = 112.174329251956			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:40 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:40 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:40 AM	Set PeakFilterThresholdValue = 110.383348557415 for qualifier 102.0 of compound Naphthalene; previous value = 161.337722202857			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:41 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:41 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:41 AM	Set PeakFilterThresholdValue = 308.667237500002 for compound 2-Methylnaphthalene; previous value = 588.19625396825			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:41 AM	No parameter change for ThresholdNumberOfPeaks			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:41 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:41 AM	Set PeakFilterThresholdValue = 434.502679515188 for qualifier 142.0 of compound 2-Methylnaphthalene; previous value = 867.611723242636			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:41 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:42 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:42 AM	Set PeakFilterThresholdValue = 184.261213073991 for qualifier 115.0 of compound 2-Methylnaphthalene; previous value = 308.814817007921			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:42 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:42 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:42 AM	Set PeakFilterThresholdValue = 349.881033854167 for compound 1-Methylnaphthalene; previous value = 595.299928571425			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:42 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:42 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:43 AM	Set PeakFilterThresholdValue = 395.844520979499 for qualifier 142.0 of compound 1-Methylnaphthalene; previous value = 662.394921309491			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:43 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:43 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:43 AM	Set PeakFilterThresholdValue = 237.381833068489 for qualifier 115.0 of compound 1-Methylnaphthalene; previous value = 377.588666044884			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:43 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:44 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:44 AM	Set PeakFilterThresholdValue = 537.083925833335 for compound Acenaphthylene; previous value = 977.574997222228			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:44 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:44 AM	No parameter change for PeakFilterThreshold			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:44 AM	Set PeakFilterThresholdValue = 68.7873861965026 for qualifier 153.0 of compound Acenaphthylene; previous value = 142.297492641816			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:44 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:45 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:45 AM	Set PeakFilterThresholdValue = 373.252000000011 for compound Acenaphthene; previous value = 702.823942203903			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:45 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:45 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:45 AM	Set PeakFilterThresholdValue = 218.562419571157 for qualifier 152.0 of compound Acenaphthene; previous value = 385.842848130719			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:45 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:46 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:46 AM	Set PeakFilterThresholdValue = 438.027552091583 for qualifier 153.0 of compound Acenaphthene; previous value = 806.667572980904			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:46 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:46 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:46 AM	Set PeakFilterThresholdValue = 424.777029134499 for compound Fluorene; previous value = 756.80948412701			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:46 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:46 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:47 AM	Set PeakFilterThresholdValue = 419.107271211773 for qualifier 165.0 of compound Fluorene; previous value = 729.532248155729			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:47 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:47 AM	No parameter change for PeakFilterThreshold			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:47 AM	Set PeakFilterThresholdValue = 58.8152577920192 for qualifier 167.0 of compound Fluorene; previous value = 85.20871582856			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:47 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:48 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:48 AM	Set PeakFilterThresholdValue = 694.128737567089 for compound Phenanthrene; previous value = 1378.20817410716			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:48 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:48 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:48 AM	Set PeakFilterThresholdValue = 107.4326524611 for qualifier 176.0 of compound Phenanthrene; previous value = 213.984541449823			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:48 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:49 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:49 AM	Set PeakFilterThresholdValue = 549.674737099558 for compound Anthracene; previous value = 1070.77109548611			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:49 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:49 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:49 AM	Set PeakFilterThresholdValue = 99.4845614153201 for qualifier 176.0 of compound Anthracene; previous value = 178.157498643721			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:49 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:50 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:50 AM	Set PeakFilterThresholdValue = 610.793500000007 for compound Fluoranthene; previous value = 1280.26819717778			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:50 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:50 AM	No parameter change for PeakFilterThreshold			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:50 AM	Set PeakFilterThresholdValue = 84.1386311384159 for qualifier 101.0 of compound Fluoranthene; previous value = 146.018350606525			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:50 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:51 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:51 AM	Set PeakFilterThresholdValue = 654.831749999997 for compound Pyrene; previous value = 1463.19161579774			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:51 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:51 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:51 AM	Set PeakFilterThresholdValue = 100.500391321538 for qualifier 101.0 of compound Pyrene; previous value = 203.253032152133			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:52 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:52 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:52 AM	Set PeakFilterThresholdValue = 930.104750000004 for compound Benzo(a)Anthracene; previous value = 1853.37234592252			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:52 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:52 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:52 AM	Set PeakFilterThresholdValue = 214.084265757749 for qualifier 229.0 of compound Benzo(a)Anthracene; previous value = 436.107213370423			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:53 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:53 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:53 AM	Set PeakFilterThresholdValue = 251.471683618724 for qualifier 226.0 of compound Benzo(a)Anthracene; previous value = 517.609002259047			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:53 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:53 AM	No parameter change for PeakFilterThreshold			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:54 AM	Set PeakFilterThresholdValue = 585.823999999995 for compound Chrysene; previous value = 1409.75245176248			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:54 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:54 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:54 AM	Set PeakFilterThresholdValue = 177.55192908342 for qualifier 226.0 of compound Chrysene; previous value = 446.502448884273			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:54 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:54 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:55 AM	Set PeakFilterThresholdValue = 125.316635310255 for qualifier 229.0 of compound Chrysene; previous value = 313.124961416453			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:55 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:55 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:55 AM	Set PeakFilterThresholdValue = 377.169306815265 for compound Benzo(b)fluoranthene; previous value = 696.285772650434			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:55 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:56 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:56 AM	Set PeakFilterThresholdValue = 85.1966065229381 for qualifier 253.0 of compound Benzo(b)fluoranthene; previous value = 157.268065765652			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:56 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:56 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:56 AM	Set PeakFilterThresholdValue = 386.411249999997 for compound Benzo(k)fluoranthene; previous value = 1003.41328761145			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:57 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:57 AM	No parameter change for PeakFilterThreshold			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:57 AM	Set PeakFilterThresholdValue = 88.9221430187413 for qualifier 253.0 of compound Benzo(k)fluoranthene; previous value = 231.172355781881			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:57 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:57 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:58 AM	Set PeakFilterThresholdValue = 285.618250000009 for compound Benzo(a)pyrene; previous value = 623.737750000004			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:58 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:58 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:58 AM	Set PeakFilterThresholdValue = 67.2428298292366 for qualifier 253.0 of compound Benzo(a)pyrene; previous value = 147.866406529718			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:58 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:58 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:59 AM	Set PeakFilterThresholdValue = 266.112953496991 for compound Indeno(1,2,3-cd)pyrene; previous value = 513.001406921189			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:54:59 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:59 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:59 AM	Set PeakFilterThresholdValue = 76.9869880142317 for qualifier 138.0 of compound Indeno(1,2,3-cd)pyrene; previous value = 129.069984146015			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:54:59 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:55:00 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:55:00 AM	Set PeakFilterThresholdValue = 325.884361205036 for compound Dibenzo(a,h)anthracene; previous value = 575.583630389075			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:55:00 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:00 AM	No parameter change for PeakFilterThreshold			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:00 AM	Set PeakFilterThresholdValue = 81.8984960160734 for qualifier 279.0 of compound Dibenzo(a,h)anthracene; previous value = 148.80303070392			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:00 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:01 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:01 AM	Set PeakFilterThresholdValue = 78.5354573917998 for qualifier 139.0 of compound Dibenzo(a,h)anthracene; previous value = 105.230153069532			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:01 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:55:01 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:55:01 AM	Set PeakFilterThresholdValue = 403.29425 for compound Benzo(g,h,i)perylene; previous value = 850.864177295763			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:55:02 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:02 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:02 AM	Set PeakFilterThresholdValue = 113.117519663444 for qualifier 138.0 of compound Benzo(g,h,i)perylene; previous value = 169.839410707477			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:02 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:02 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:03 AM	Set PeakFilterThresholdValue = 93.7669618316075 for qualifier 277.0 of compound Benzo(g,h,i)perylene; previous value = 208.343339694147			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:03 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:55:03 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:55:03 AM	Set PeakFilterThresholdValue = 142.440000000001 for compound Nitrobenzene-d5; previous value = 257.376672942736			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:55:03 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:04 AM	No parameter change for PeakFilterThreshold			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:04 AM	Set PeakFilterThresholdValue = 52.7133211898051 for qualifier 54.0 of compound Nitrobenzene-d5; previous value = 79.5320739966782			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:04 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:04 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:04 AM	Set PeakFilterThresholdValue = 52.1520225575144 for qualifier 128.0 of compound Nitrobenzene-d5; previous value = 78.2812723412894			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:04 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:55:05 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:55:05 AM	Set PeakFilterThresholdValue = 430.332750000005 for compound 2-Fluorobiphenyl; previous value = 927.30465			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:55:05 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:05 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:05 AM	Set PeakFilterThresholdValue = 163.741114532514 for qualifier 171.0 of compound 2-Fluorobiphenyl; previous value = 349.376072801849			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:05 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:55:06 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:55:06 AM	Set PeakFilterThresholdValue = 292.131788617147 for compound Terphenyl-d14; previous value = 520.464385855652			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:55:06 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:06 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:06 AM	Set PeakFilterThresholdValue = 56.0901280720104 for qualifier 122.0 of compound Terphenyl-d14; previous value = 71.4811505716088			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:06 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:55:07 AM	No parameter change for PeakFilterThreshold			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:55:07 AM	Set PeakFilterThresholdValue = 307.533749999996 for compound o-Terphenyl; previous value = 708.889818118197			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\jheine	1/17/2022 8:55:07 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:07 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:07 AM	Set PeakFilterThresholdValue = 215.963649692389 for qualifier 229.0 of compound o-Terphenyl; previous value = 473.375347897728			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:07 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:07 AM	No parameter change for PeakFilterThreshold			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:08 AM	Set PeakFilterThresholdValue = 143.562068278791 for qualifier 215.0 of compound o-Terphenyl; previous value = 306.221532169349			✓	
CmdSetMethodTargetQualifierAttribute	BL2000\jheine	1/17/2022 8:55:08 AM	No parameter change for ThresholdNumberOfPeaks			✓	
CmdApplyMethodToAllSamples	BL2000\jheine	1/17/2022 8:55:15 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\jheine	1/17/2022 8:55:15 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\jheine	1/17/2022 8:55:16 AM	End method editing			✓	
CmdQuantitate	BL2000\jheine	1/17/2022 8:55:23 AM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 8:55:33 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1419.D			✓	
CmdSaveBatchTable	BL2000\jheine	1/17/2022 8:55:36 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\jheine	1/17/2022 8:56:15 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\Jan1429.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\Jan1428.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\Jan1427.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\Jan1426.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\Jan1425.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\Jan1424.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\Jan1423.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\Jan1422.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\Jan1421.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\Jan1420.D			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:56:23 AM	Set SampleType = Blank for sample Jan1420.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:56:26 AM	Set SampleType = Blank for sample Jan1421.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:56:30 AM	Set SampleType = Matrix for sample Jan1422.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:56:34 AM	Set SampleType = Matrix for sample Jan1424.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:56:38 AM	Set SampleType = MatrixDup for sample Jan1425.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:56:43 AM	Set MatrixSpikeGroup = B21120800- 003D for sample Jan1423.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:56:44 AM	Set MatrixSpikeGroup = B21120800- 003D for sample Jan1424.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:56:45 AM	Set MatrixSpikeGroup = B21120800- 003D for sample Jan1425.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:56:50 AM	Set MatrixSpikeGroup = MB-162910- 162494-162167 for sample Jan1420.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:56:51 AM	Set MatrixSpikeGroup = MB-162910- 162494-162167 for sample Jan1422.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:56:55 AM	Set SampleInformation = MatrixA for sample Jan1422.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:57:01 AM	Set SampleInformation = MatrixA for sample Jan1424.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 8:57:03 AM	Set SampleInformation = MatrixA for sample Jan1425.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\jheine	1/17/2022 8:57:11 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:57:32 AM	Manually integrate compound Acenaphthene in sample Jan1420.D, from x, y = 8.025, 87 to 8.150, 69, result = 136; previous integration is from x, y = 7.971, 70 to 8.150, 69 and previous response = 1499.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:57:34 AM	Drop baseline for compound Acenaphthene in sample Jan1420.D to y = 69, new integration is from x, y = 8.025, 69 to 8.150, 69 and new response = 206; previous integration is from x, y = 8.025, 87 to 8.150, 69 and previous response = 136.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 8:57:37 AM	Zero out primary peak of compound Acenaphthene in sample Jan1420.D			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/17/2022 8:57:45 AM	Split peak for compound Anthracene in sample Jan1420.D and keep right peak, new integration is from x, y = 9.842, 71.7835599296537 to 9.891, 71.7835599296537 and new response = 251, previous integration is from x, y = 9.743, 72 to 9.891, 72 and previous response = 2026.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 8:57:47 AM	Zero out primary peak of compound Anthracene in sample Jan1420.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 8:57:54 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan1420.D			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/17/2022 8:57:59 AM	Split peak for compound Phenanthrene in sample Jan1420.D and keep left peak, new integration is from x, y = 9.743, 71.7835599296537 to 9.842, 71.7835599296537 and new response = 1775, previous integration is from x, y = 9.743, 72 to 9.891, 72 and previous response = 2026.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/17/2022 8:58:04 AM	Split qualifier 176.0 of compound Phenanthrene in sample Jan1420.D and keep left peak, new integration is from x, y = 9.756, 62.3074283578283 to 9.830, 62.9612862917004 and new response = 313, previous integration is from x, y = 9.756, 62 to 9.891, 64 and previous response = 363.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 8:58:09 AM	Zero out primary peak of compound Chrysene in sample Jan1420.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 8:58:13 AM	Zero out primary peak of compound Naphthalene in sample Jan1420.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 8:58:17 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1420.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:58:41 AM	Manually integrate compound o-Terphenyl in sample Jan1421.D from x, y = 10.262, 56 to 10.386, 66; result = 70			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:58:42 AM	Snap baseline for compound o-Terphenyl in sample Jan1421.D, from x = 10.262 to x = 10.386, new integration is from x, y = 10.262, 53 to 10.386, 53 and new response = 131; previous integration is from x, y = 10.262, 56 to 10.386, 66 and previous response = 70.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:58:43 AM	Drop baseline for compound o-Terphenyl in sample Jan1421.D to y = 53, new integration is from x, y = 10.262, 53 to 10.386, 53 and new response = 131; previous integration is from x, y = 10.262, 53 to 10.386, 53 and previous response = 131.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 8:58:46 AM	Zero out primary peak of compound o-Terphenyl in sample Jan1421.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 8:59:08 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan1421.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 8:59:16 AM	Manually integrate compound Acenaphthene in sample Jan1421.D, from x, y = 8.026, 92 to 8.150, 61, result = 118; previous integration is from x, y = 7.977, 61 to 8.150, 61 and previous response = 1352.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:59:19 AM	Drop baseline for compound Acenaphthene in sample Jan1421.D to y = 61, new integration is from x, y = 8.026, 61 to 8.150, 61 and new response = 234; previous integration is from x, y = 8.026, 92 to 8.150, 61 and previous response = 118.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 8:59:22 AM	Zero out primary peak of compound Acenaphthene in sample Jan1421.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 8:59:26 AM	Zero out primary peak of compound Chrysene in sample Jan1421.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 8:59:29 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1421.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:59:41 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1422.D, from x, y = 5.941, 702 to 6.041, 71, result = 4143; previous integration is from x, y = 5.904, 71 to 6.041, 71 and previous response = 9129.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:59:42 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1422.D to y = 71, new integration is from x, y = 5.941, 71 to 6.041, 71 and new response = 6037; previous integration is from x, y = 5.941, 702 to 6.041, 71 and previous response = 4143.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 8:59:56 AM	Manually integrate qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan1422.D from x, y = 6.877, 1298 to 7.015, 2073; result = 6842			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 8:59:58 AM	Snap baseline for qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan1422.D from x = 6.877 to x = 7.015, new integration is from x, y = 6.877, 406 to 7.015, 249 and new response = 18035; previous integration is from x, y = 6.877, 1298 to 7.015, 2073 and previous response = 6842.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 8:59:58 AM	Drop baseline for qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan1422.D to y = 249, new integration is from x, y = 6.877, 249 to 7.015, 249 and new response = 18682; previous integration is from x, y = 6.877, 406 to 7.015, 249 and previous response = 18035.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 9:01:26 AM	Manually integrate compound Acenaphthene in sample Jan1423.D, from x, y = 8.025, 96 to 8.138, 62, result = 141; previous integration is from x, y = 7.976, 62 to 8.138, 62 and previous response = 1373.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:01:28 AM	Drop baseline for compound Acenaphthene in sample Jan1423.D to y = 62, new integration is from x, y = 8.025, 62 to 8.138, 62 and new response = 256; previous integration is from x, y = 8.025, 96 to 8.138, 62 and previous response = 141.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:01:32 AM	Zero out primary peak of compound Acenaphthene in sample Jan1423.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:01:35 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan1423.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:01:37 AM	Zero out primary peak of compound Chrysene in sample Jan1423.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:01:38 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1423.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 9:01:51 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1424.D, from x, y = 5.941, 590 to 6.041, 71, result = 5843; previous integration is from x, y = 5.902, 71 to 6.041, 71 and previous response = 10522.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:01:52 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1424.D to y = 71, new integration is from x, y = 5.941, 71 to 6.041, 71 and new response = 7398; previous integration is from x, y = 5.941, 590 to 6.041, 71 and previous response = 5843.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 9:02:34 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1425.D, from x, y = 5.941, 790 to 6.041, 69, result = 4792; previous integration is from x, y = 5.904, 69 to 6.041, 69 and previous response = 9617.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:02:36 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1425.D to y = 69, new integration is from x, y = 5.941, 69 to 6.041, 69 and new response = 6954; previous integration is from x, y = 5.941, 790 to 6.041, 69 and previous response = 4792.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 9:02:47 AM	Manually integrate qualifier 153.0 of compound Acenaphthylene in sample Jan1425.D from x, y = 7.814, 1962 to 7.876, 5369; result = -8074			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 9:02:49 AM	Snap baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan1425.D from x = 7.814 to x = 7.876, new integration is from x, y = 7.814, 98 to 7.876, 293 and new response = 4898; previous integration is from x, y = 7.814, 1962 to 7.876, 5369 and previous response = -8074.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:02:49 AM	Drop baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan1425.D to y = 98, new integration is from x, y = 7.814, 98 to 7.876, 98 and new response = 5262; previous integration is from x, y = 7.814, 98 to 7.876, 293 and previous response = 4898.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 9:03:47 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1426.D, from x, y = 5.941, 443 to 6.003, 115, result = 1756; previous integration is from x, y = 5.910, 115 to 6.003, 115 and previous response = 5674.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:03:49 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1426.D to y = 115, new integration is from x, y = 5.941, 115 to 6.003, 115 and new response = 2370; previous integration is from x, y = 5.941, 443 to 6.003, 115 and previous response = 1756.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/17/2022 9:03:58 AM	Split peak for compound Anthracene in sample Jan1426.D and keep right peak, new integration is from x, y = 9.756, 90.634756141425 to 9.891, 93.0942121544834 and new response = 3509, previous integration is from x, y = 9.756, 91 to 9.891, 93 and previous response = 3509.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 9:04:04 AM	Manually integrate compound Anthracene in sample Jan1426.D, from x, y = 9.842, 521 to 9.891, 93, result = -236; previous integration is from x, y = 9.756, 91 to 9.891, 93 and previous response = 3509.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:04:05 AM	Drop baseline for compound Anthracene in sample Jan1426.D to y = 93, new integration is from x, y = 9.842, 93 to 9.891, 93 and new response = 399; previous integration is from x, y = 9.842, 521 to 9.891, 93 and previous response = -236.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:04:08 AM	Zero out primary peak of compound Anthracene in sample Jan1426.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 9:04:13 AM	Manually integrate compound Fluorene in sample Jan1426.D, from x, y = 8.649, 78 to 8.723, 406, result = 1627; previous integration is from x, y = 8.649, 78 to 8.823, 78 and previous response = 2798.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:04:14 AM	Drop baseline for compound Fluorene in sample Jan1426.D to y = 78, new integration is from x, y = 8.649, 78 to 8.723, 78 and new response = 2362; previous integration is from x, y = 8.649, 78 to 8.723, 406 and previous response = 1627.			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 9:04:30 AM	Manually integrate compound Acenaphthene in sample Jan1426.D, from x, y = 8.025, 386 to 8.088, 288, result = -311; previous integration is from x, y = 7.975, 82 to 8.150, 82 and previous response = 2170.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 9:04:31 AM	Snap baseline for compound Acenaphthene in sample Jan1426.D, from x = 8.025 to x = 8.088, new integration is from x, y = 8.025, 160 to 8.088, 100 and new response = 462; previous integration is from x, y = 8.025, 386 to 8.088, 288 and previous response = -311.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:04:32 AM	Drop baseline for compound Acenaphthene in sample Jan1426.D to y = 100, new integration is from x, y = 8.025, 100 to 8.088, 100 and new response = 574; previous integration is from x, y = 8.025, 160 to 8.088, 100 and previous response = 462.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:04:34 AM	Zero out primary peak of compound Acenaphthene in sample Jan1426.D			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/17/2022 9:04:38 AM	Split peak for compound Phenanthrene in sample Jan1426.D and keep left peak, new integration is from x, y = 9.756, 90.634756141425 to 9.891, 93.0942121544834 and new response = 3509, previous integration is from x, y = 9.756, 91 to 9.891, 93 and previous response = 3509.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 9:04:42 AM	Manually integrate compound Phenanthrene in sample Jan1426.D, from x, y = 9.756, 91 to 9.842, 541, result = 1984; previous integration is from x, y = 9.756, 91 to 9.891, 93 and previous response = 3509.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:04:43 AM	Drop baseline for compound Phenanthrene in sample Jan1426.D to y = 91, new integration is from x, y = 9.756, 91 to 9.842, 91 and new response = 3143; previous integration is from x, y = 9.756, 91 to 9.842, 541 and previous response = 1984.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 9:04:48 AM	Manually integrate compound Benzo(a)pyrene in sample Jan1426.D, from x, y = 18.363, 123 to 18.425, 194, result = -295; previous integration is from x, y = 18.463, 62 to 18.647, 63 and previous response = 1353.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 9:04:49 AM	Snap baseline for compound Benzo(a)pyrene in sample Jan1426.D, from x = 18.363 to x = 18.425, new integration is from x, y = 18.363, 59 to 18.425, 60 and new response = 73; previous integration is from x, y = 18.363, 123 to 18.425, 194 and previous response = -295.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:04:50 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan1426.D to y = 59, new integration is from x, y = 18.363, 59 to 18.425, 59 and new response = 75; previous integration is from x, y = 18.363, 59 to 18.425, 60 and previous response = 73.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:04:53 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan1426.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 9:05:00 AM	Manually integrate compound Chrysene in sample Jan1426.D, from x, y = 14.776, 167 to 14.863, 182, result = -375; previous integration is from x, y = 14.654, 54 to 14.776, 56 and previous response = 1469.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 9:05:02 AM	Snap baseline for compound Chrysene in sample Jan1426.D, from x = 14.776 to x = 14.863, new integration is from x, y = 14.776, 120 to 14.863, 66 and new response = 50; previous integration is from x, y = 14.776, 167 to 14.863, 182 and previous response = -375.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:05:02 AM	Drop baseline for compound Chrysene in sample Jan1426.D to y = 66, new integration is from x, y = 14.776, 66 to 14.863, 66 and new response = 191; previous integration is from x, y = 14.776, 120 to 14.863, 66 and previous response = 50.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:05:04 AM	Zero out primary peak of compound Chrysene in sample Jan1426.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 9:05:12 AM	Manually integrate compound Acenaphthylene in sample Jan1426.D, from x, y = 7.813, 106 to 7.838, 119, result = 154; previous integration is from x, y = 8.025, 112 to 8.088, 113 and previous response = 868.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:05:13 AM	Drop baseline for compound Acenaphthylene in sample Jan1426.D to y = 106, new integration is from x, y = 7.813, 106 to 7.838, 106 and new response = 163; previous integration is from x, y = 7.813, 106 to 7.838, 119 and previous response = 154.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:05:14 AM	Zero out primary peak of compound Acenaphthylene in sample Jan1426.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:05:17 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1426.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 9:05:42 AM	Manually integrate compound Benzo(a)pyrene in sample Jan1427.D, from x, y = 18.363, 106 to 18.438, 174, result = -277; previous integration is from x, y = 18.463, 61 to 18.598, 63 and previous response = 1615.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 9:05:44 AM	Snap baseline for compound Benzo(a)pyrene in sample Jan1427.D, from x = 18.363 to x = 18.438, new integration is from x, y = 18.363, 57 to 18.438, 58 and new response = 90; previous integration is from x, y = 18.363, 106 to 18.438, 174 and previous response = -277.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:05:45 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan1427.D to y = 57, new integration is from x, y = 18.363, 57 to 18.438, 57 and new response = 92; previous integration is from x, y = 18.363, 57 to 18.438, 58 and previous response = 90.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:05:47 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan1427.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:05:51 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1427.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 9:05:56 AM	Manually integrate compound Chrysene in sample Jan1427.D, from x, y = 14.776, 157 to 14.876, 162, result = -362; previous integration is from x, y = 14.665, 53 to 14.776, 53 and previous response = 1662.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 9:05:58 AM	Snap baseline for compound Chrysene in sample Jan1427.D, from x = 14.776 to x = 14.876, new integration is from x, y = 14.776, 123 to 14.876, 64 and new response = 34; previous integration is from x, y = 14.776, 157 to 14.876, 162 and previous response = -362.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:05:58 AM	Drop baseline for compound Chrysene in sample Jan1427.D to y = 64, new integration is from x, y = 14.776, 64 to 14.876, 64 and new response = 210; previous integration is from x, y = 14.776, 123 to 14.876, 64 and previous response = 34.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:06:00 AM	Zero out primary peak of compound Chrysene in sample Jan1427.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 9:06:11 AM	Manually integrate compound Anthracene in sample Jan1427.D, from x, y = 9.842, 116 to 9.941, 113, result = -38; previous integration is from x, y = 9.732, 66 to 9.842, 66 and previous response = 680.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 9:06:12 AM	Snap baseline for compound Anthracene in sample Jan1427.D, from x = 9.842 to x = 9.941, new integration is from x, y = 9.842, 91 to 9.941, 72 and new response = 156; previous integration is from x, y = 9.842, 116 to 9.941, 113 and previous response = -38.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:06:13 AM	Drop baseline for compound Anthracene in sample Jan1427.D to y = 72, new integration is from x, y = 9.842, 72 to 9.941, 72 and new response = 212; previous integration is from x, y = 9.842, 91 to 9.941, 72 and previous response = 156.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:06:14 AM	Zero out primary peak of compound Anthracene in sample Jan1427.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 9:06:20 AM	Manually integrate compound Acenaphthene in sample Jan1427.D, from x, y = 8.026, 91 to 8.138, 64, result = 181; previous integration is from x, y = 7.977, 64 to 8.138, 64 and previous response = 1482.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:06:21 AM	Drop baseline for compound Acenaphthene in sample Jan1427.D to y = 64, new integration is from x, y = 8.026, 64 to 8.138, 64 and new response = 270; previous integration is from x, y = 8.026, 91 to 8.138, 64 and previous response = 181.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:06:22 AM	Zero out primary peak of compound Acenaphthene in sample Jan1427.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:06:32 AM	Zero out primary peak of compound 1-Methylnaphthalene in sample Jan1427.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:06:34 AM	Zero out primary peak of compound 2-Methylnaphthalene in sample Jan1427.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:06:36 AM	Zero out primary peak of compound Naphthalene in sample Jan1427.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 9:06:54 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1428.D, from x, y = 5.941, 2562 to 6.003, 2593, result = -5204; previous integration is from x, y = 5.914, 186 to 6.046, 186 and previous response = 8128.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateS napBaseline	BL2000\jheine	1/17/2022 9:06:56 AM	Snap baseline for qualifier 102.0 of compound Naphthalene in sample Jan1428.D from x = 5.941 to x = 6.003, new integration is from x, y = 5.941, 1648 to 6.003, 284 and new response = 833; previous integration is from x, y = 5.941, 2562 to 6.003, 2593 and previous response = -5204.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\jheine	1/17/2022 9:06:57 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1428.D to y = 284, new integration is from x, y = 5.941, 284 to 6.003, 284 and new response = 3387; previous integration is from x, y = 5.941, 1648 to 6.003, 284 and previous response = 833.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/17/2022 9:07:02 AM	Manually integrate qualifier 129.0 of compound Naphthalene in sample Jan1428.D, from x, y = 5.941, 398 to 6.003, 338, result = 3606; previous integration is from x, y = 5.920, 338 to 6.003, 338 and previous response = 3908.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\jheine	1/17/2022 9:07:03 AM	Drop baseline for qualifier 129.0 of compound Naphthalene in sample Jan1428.D to y = 338, new integration is from x, y = 5.941, 338 to 6.003, 338 and new response = 3718; previous integration is from x, y = 5.941, 398 to 6.003, 338 and previous response = 3606.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/17/2022 9:07:16 AM	Manually integrate qualifier 167.0 of compound Fluorene in sample Jan1428.D, from x, y = 8.650, 195 to 8.674, 326, result = 320; previous integration is from x, y = 8.650, 195 to 8.711, 204 and previous response = 1013.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\jheine	1/17/2022 9:07:17 AM	Drop baseline for qualifier 167.0 of compound Fluorene in sample Jan1428.D to y = 195, new integration is from x, y = 8.650, 195 to 8.674, 195 and new response = 412; previous integration is from x, y = 8.650, 195 to 8.674, 326 and previous response = 320.			✓	
CmdManuallyIntegrateP eak	BL2000\jheine	1/17/2022 9:07:26 AM	Manually integrate compound Acenaphthene in sample Jan1428.D, from x, y = 8.026, 861 to 8.088, 632, result = -938; previous integration is from x, y = 7.982, 136 to 8.113, 136 and previous response = 3026.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 9:07:28 AM	Snap baseline for compound Acenaphthene in sample Jan1428.D, from x = 8.026 to x = 8.088, new integration is from x, y = 8.026, 178 to 8.088, 153 and new response = 1234; previous integration is from x, y = 8.026, 861 to 8.088, 632 and previous response = -938.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:07:29 AM	Drop baseline for compound Acenaphthene in sample Jan1428.D to y = 153, new integration is from x, y = 8.026, 153 to 8.088, 153 and new response = 1280; previous integration is from x, y = 8.026, 178 to 8.088, 153 and previous response = 1234.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 9:07:34 AM	Manually integrate qualifier 152.0 of compound Acenaphthene in sample Jan1428.D, from x, y = 8.026, 214 to 8.088, 236, result = 1804; previous integration is from x, y = 8.029, 588 to 8.056, 588 and previous response = 465.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:07:36 AM	Drop baseline for qualifier 152.0 of compound Acenaphthene in sample Jan1428.D to y = 214, new integration is from x, y = 8.026, 214 to 8.088, 214 and new response = 1844; previous integration is from x, y = 8.026, 214 to 8.088, 236 and previous response = 1804.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 9:07:43 AM	Manually integrate compound Anthracene in sample Jan1428.D, from x, y = 9.842, 349 to 9.892, 563, result = -536; previous integration is from x, y = 9.760, 142 to 9.842, 142 and previous response = 3298.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 9:07:45 AM	Snap baseline for compound Anthracene in sample Jan1428.D, from x = 9.842 to x = 9.892, new integration is from x, y = 9.842, 177 to 9.892, 178 and new response = 290; previous integration is from x, y = 9.842, 349 to 9.892, 563 and previous response = -536.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:07:45 AM	Drop baseline for compound Anthracene in sample Jan1428.D to y = 177, new integration is from x, y = 9.842, 177 to 9.892, 177 and new response = 292; previous integration is from x, y = 9.842, 177 to 9.892, 178 and previous response = 290.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:07:49 AM	Zero out primary peak of compound Anthracene in sample Jan1428.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSplit	BL2000\jheine	1/17/2022 9:07:53 AM	Split qualifier 176.0 of compound Phenanthrene in sample Jan1428.D and keep left peak, new integration is from x, y = 9.780, 80.3551302990649 to 9.892, 79.5341563220301 and new response = 623, previous integration is from x, y = 9.780, 80 to 9.892, 80 and previous response = 623.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 9:07:57 AM	Manually integrate qualifier 176.0 of compound Phenanthrene in sample Jan1428.D, from x, y = 9.780, 80 to 9.842, 148, result = 502; previous integration is from x, y = 9.780, 80 to 9.892, 80 and previous response = 623.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:07:58 AM	Drop baseline for qualifier 176.0 of compound Phenanthrene in sample Jan1428.D to y = 80, new integration is from x, y = 9.780, 80 to 9.842, 80 and new response = 627; previous integration is from x, y = 9.780, 80 to 9.842, 148 and previous response = 502.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:08:02 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan1428.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 9:08:11 AM	Manually integrate compound Chrysene in sample Jan1428.D, from x, y = 14.776, 78 to 14.888, 53, result = 113; previous integration is from x, y = 14.664, 53 to 14.888, 53 and previous response = 1608.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:08:12 AM	Drop baseline for compound Chrysene in sample Jan1428.D to y = 53, new integration is from x, y = 14.776, 53 to 14.888, 53 and new response = 199; previous integration is from x, y = 14.776, 78 to 14.888, 53 and previous response = 113.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:08:14 AM	Zero out primary peak of compound Chrysene in sample Jan1428.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 9:08:22 AM	Manually integrate compound Acenaphthylene in sample Jan1428.D, from x, y = 7.814, 149 to 7.839, 209, result = 367; previous integration is from x, y = 7.739, 300 to 7.789, 202 and previous response = 1266.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:08:24 AM	Drop baseline for compound Acenaphthylene in sample Jan1428.D to y = 149, new integration is from x, y = 7.814, 149 to 7.839, 149 and new response = 412; previous integration is from x, y = 7.814, 149 to 7.839, 209 and previous response = 367.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:08:25 AM	Zero out primary peak of compound Acenaphthylene in sample Jan1428.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:08:27 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1428.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 9:08:44 AM	Manually integrate compound 2-Methylnaphthalene in sample Jan1429.D, from x, y = 6.777, 139 to 6.827, 190, result = 51; previous integration is from x, y = 6.865, 88 to 6.965, 89 and previous response = 1313.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 9:08:45 AM	Snap baseline for compound 2-Methylnaphthalene in sample Jan1429.D, from x = 6.777 to x = 6.827, new integration is from x, y = 6.777, 94 to 6.827, 101 and new response = 251; previous integration is from x, y = 6.777, 139 to 6.827, 190 and previous response = 51.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:08:46 AM	Drop baseline for compound 2-Methylnaphthalene in sample Jan1429.D to y = 94, new integration is from x, y = 6.777, 94 to 6.827, 94 and new response = 262; previous integration is from x, y = 6.777, 94 to 6.827, 101 and previous response = 251.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:08:50 AM	Zero out primary peak of compound 2-Methylnaphthalene in sample Jan1429.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 9:09:01 AM	Manually integrate compound Acenaphthene in sample Jan1429.D, from x, y = 8.025, 250 to 8.100, 243, result = -536; previous integration is from x, y = 7.966, 66 to 8.150, 66 and previous response = 1457.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 9:09:01 AM	Snap baseline for compound Acenaphthene in sample Jan1429.D, from x = 8.025 to x = 8.100, new integration is from x, y = 8.025, 155 to 8.100, 81 and new response = 40; previous integration is from x, y = 8.025, 250 to 8.100, 243 and previous response = -536.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:09:01 AM	Drop baseline for compound Acenaphthene in sample Jan1429.D to y = 81, new integration is from x, y = 8.025, 81 to 8.100, 81 and new response = 206; previous integration is from x, y = 8.025, 155 to 8.100, 81 and previous response = 40.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:09:03 AM	Zero out primary peak of compound Acenaphthene in sample Jan1429.D			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/17/2022 9:09:23 AM	Manually integrate qualifier 115.0 of compound 1-Methylnaphthalene in sample Jan1429.D, from x, y = 6.877, 206 to 6.927, 226, result = 704; previous integration is from x, y = 6.877, 206 to 7.002, 203 and previous response = 987.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:09:41 AM	Drop baseline for qualifier 115.0 of compound 1-Methylnaphthalene in sample Jan1429.D to y = 206, new integration is from x, y = 6.877, 206 to 6.927, 206 and new response = 733; previous integration is from x, y = 6.877, 206 to 6.927, 226 and previous response = 704.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:10:10 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan1429.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/17/2022 9:10:15 AM	Manually integrate compound Chrysene in sample Jan1429.D, from x, y = 14.776, 153 to 14.876, 121, result = -257; previous integration is from x, y = 14.664, 52 to 14.776, 52 and previous response = 1611.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/17/2022 9:10:17 AM	Snap baseline for compound Chrysene in sample Jan1429.D, from x = 14.776 to x = 14.876, new integration is from x, y = 14.776, 114 to 14.876, 62 and new response = 35; previous integration is from x, y = 14.776, 153 to 14.876, 121 and previous response = -257.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/17/2022 9:10:17 AM	Drop baseline for compound Chrysene in sample Jan1429.D to y = 62, new integration is from x, y = 14.776, 62 to 14.876, 62 and new response = 190; previous integration is from x, y = 14.776, 114 to 14.876, 62 and previous response = 35.			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:10:19 AM	Zero out primary peak of compound Chrysene in sample Jan1429.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:10:21 AM	Zero out primary peak of compound Naphthalene in sample Jan1429.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:10:24 AM	Zero out primary peak of compound Anthracene in sample Jan1429.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/17/2022 9:10:25 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1429.D			✓	
CmdSaveBatchTable	BL2000\jheine	1/17/2022 9:10:30 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM2.batch.bin			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\jheine	1/17/2022 9:10:38 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 9:11:16 AM	Set SampleApproved = True for sample Jan1410.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 9:11:19 AM	Set SampleApproved = True for sample Jan1411.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 9:11:21 AM	Set SampleApproved = True for sample Jan1412.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 9:11:22 AM	Set SampleApproved = True for sample Jan1413.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 9:11:23 AM	Set SampleApproved = True for sample Jan1414.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 9:11:23 AM	Set SampleApproved = True for sample Jan1415.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 9:11:24 AM	Set SampleApproved = True for sample Jan1416.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 9:11:26 AM	Set SampleApproved = True for sample Jan1417.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 9:11:29 AM	Set SampleApproved = True for sample Jan1418.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/17/2022 9:11:30 AM	Set SampleApproved = True for sample Jan1419.D; previous value = False			✓	
CmdSaveBatchTable	BL2000\jheine	1/17/2022 9:11:33 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin			✓	
CmdSaveBatchTable	BL2000\jheine	1/17/2022 9:13:13 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin			✓	
CmdSaveBatchTable	BL2000\jheine	1/17/2022 9:19:06 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdOpenBatchTable	BL2000\jheine	2/4/2022 3:18:18 PM	Open batch \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\011422 bna SIM 2.batch.bin			✓	
CmdQuantitate	BL2000\jheine	2/4/2022 3:28:19 PM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\jheine	2/4/2022 3:29:06 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\jheine	2/4/2022 3:29:09 PM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin			✓	
GenerateReport	BL2000\jheine	2/4/2022 3:30:44 PM	Generates report - Method: D:\Org\reports\GCMSSSEMI Report Templates\Calibration\Gen_Calibration. m, Output Path: \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\QuantReports\			✓	
GenerateReport	BL2000\jheine	2/4/2022 3:43:20 PM	Generates report - Method: D:\Org\reports\GCMSSSEMI Report Templates\Calibration\lcspike_rpt.m, Output Path: \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\QuantReports\			✓	
GenerateReport	BL2000\jheine	2/4/2022 3:44:47 PM	Generates report - Method: D:\Org\reports\GCMSSSEMI Report Templates\Calibration\init_cal_rpt.m, Output Path: \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\QuantReports\			✓	
GenerateReport	BL2000\jheine	2/4/2022 3:46:16 PM	Generates report - Method: D:\Org\reports\GCMSSSEMI Report Templates\Calibration\Gen_ResultsSu mmmary.m, Output Path: \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\QuantReports\			✓	
GenerateReport	BL2000\jheine	2/4/2022 3:51:36 PM	Generates report - Method: D:\Org\reports\GCMSSSEMI Report Templates\Calibration\Env_QuantResul ts_wGraphics+Chromatogram.m, Output Path: \\MASSHUNTER\Org\Data\SV5975.I\sh 011422\2 e8270c bna SIM\QuantReports\			✓	

# Energy Laboratories Inc

# ANALYTICAL RUN Summary

24-Feb-22

Run ID SV5975.I\_220119A

Run Start Date: 1/19/2022
Analyst: John P. Heine
Ical:
Column ID: ZB-SemiVolatiles
Comments:

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
dcmsvoc13	DCM						11/17/2022
sv100506	BNA low 50 ug/mL	8	ul	192	ul	CCV	3/31/2022
sv100703	BNA Internals 2000 ug/mL	2	ul	100	ul	SAMP	5/31/2022
sv100801	BNA 2nd source 200ug/mL	2	ul	198	ul	ICV	10/1/2022
sv83311	DFTPP 1000 ug/mL	50	ul	50	ul	TUNE	10/31/2022

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988433	Jan1901_D_TU	SVOC-8270-DF	TUNE	v5975.I\sh0119221/19/2022	10:48:	1	R373423		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
127, % of mass 198	A	%	59.1	59.1		100	0	0	0	0.01	0	59%	40	60	0%	
197, % of mass 198	A	%	0	0		100	0	0	0	0.01	0	0%	0	0.99	0%	
198, Base Peak	A	%	100	100		100	0	0	0	0.01	0	100%	100	100	0%	
199, % of mass 198	A	%	7.4	7.4		100	0	0	0	0.01	0	7%	5	9	0%	
275, % of mass 198	A	%	28.3	28.3		100	0	0	0	0.01	0	28%	10	30	0%	
365, % of mass 198	A	%	3.6	3.6		100	0	0	0	0.01	0	4%	1	99.99	0%	
441, % of mass 443	A	%	91.3	91.3		100	0	0	0	0.01	0	91%	0.01	150	0%	
442, % of mass 198	A	%	65.7	65.7		100	0	0	0	0.01	0	66%	40	100	0%	
443, % of mass 442	A	%	19.7	19.7		100	0	0	0	0.01	0	20%	17	23	0%	
51, % of mass 198	A	%	48.2	48.2		100	0	0	0	0.01	0	48%	30	60	0%	
68, % of mass 69	A	%	0	0		100	0	0	0	0.01	0	0%	0	1.99	0%	
70, % of mass 69	A	%	0.5	0.5		100	0	0	0	0.01	0	1%	0	1.99	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988434	19-Jan-22_CCV	SVOC-8270C-SI	CCV	V5975.I\sh0119221/19/2022	11:11:	1	R373423		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	1.8189	1.8189		2	0	0	0.0206	0.1	10	91%	80	120	0%	
2-Methylnaphthalene	A	ug/L	1.83385	1.83385		2	0	0	0.0176	0.1	10	92%	80	120	0%	
Acenaphthene	A	ug/L	1.71274	1.71274		2	0	0	0.0317	0.1	10	86%	80	120	0%	
Acenaphthylene	A	ug/L	1.68887	1.68887		2	0	0	0.025	0.1	10	84%	80	120	0%	
Anthracene	A	ug/L	2.072	2.072		2	0	0	0.0283	0.1	10	104%	80	120	0%	
Benzo(a)anthracene	A	ug/L	2.07156	2.07156		2	0	0	0.0272	0.1	10	104%	80	120	0%	
Benzo(a)pyrene	A	ug/L	2.09536	2.09536		2	0	0	0.0347	0.1	10	105%	80	120	0%	
Benzo(b)fluoranthene	A	ug/L	1.83426	1.83426		2	0	0	0.0226	0.1	10	92%	80	120	0%	
Benzo(g,h,i)perylene	A	ug/L	1.92929	1.92929		2	0	0	0.0267	0.1	10	96%	80	120	0%	
Benzo(k)fluoranthene	A	ug/L	1.96437	1.96437		2	0	0	0.0295	0.1	10	98%	80	120	0%	
Chrysene	A	ug/L	1.83303	1.83303		2	0	0	0.0458	0.1	10	92%	80	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	1.78954	1.78954		2	0	0	0.0367	0.1	10	89%	80	120	0%	
Fluoranthene	A	ug/L	1.80121	1.80121		2	0	0	0.0233	0.1	10	90%	80	120	0%	
Fluorene	A	ug/L	1.83436	1.83436		2	0	0	0.0225	0.1	10	92%	80	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	1.97314	1.97314		2	0	0	0.0491	0.1	10	99%	80	120	0%	
Naphthalene	A	ug/L	1.61591	1.61591		2	0	0	0.029	0.1	10	81%	80	120	0%	
Phenanthrene	A	ug/L	2.002	2.002		2	0	0	0.0295	0.1	10	100%	80	120	0%	
Pyrene	A	ug/L	1.96276	1.96276		2	0	0	0.0239	0.1	10	98%	80	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%	80	120	0%	
2-Fluorobiphenyl	S	ug/L	1.91765	1.91765		2	0	0	0.0444	0.1	10	96%	80	120	0%	
Nitrobenzene-d5	S	ug/L	2.25192	2.25192		2	0	0	0.0523	0.1	10	113%	80	120	0%	
Terphenyl-d14	S	ug/L	2.05617	2.05617		2	0	0	0.0563	0.1	10	103%	80	120	0%	
o-Terphenyl	X	ug/L	1.90131	1.90131		2	0	0	0.0654	0	0	95%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988435	19-Jan-22_ISTB	SVOC-8270C-SI	SAMP	V5975.I\sh0119221/19/2022	11:43:	1	R373423		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988435	19-Jan-22_ISTB	SVOC-8270C-SI SAMP		V5975.I\sh0119221/19/2022	11:43:	1	R373423		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0206	0.1	10	0%	0	0	0%	
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0176	0.1	10	0%	0	0	0%	
Acenaphthene	A	ug/L	0	0		0	0	0	0.0317	0.1	10	0%	0	0	0%	
Acenaphthylene	A	ug/L	0	0		0	0	0	0.025	0.1	10	0%	0	0	0%	
Anthracene	A	ug/L	0	0		0	0	0	0.0283	0.1	10	0%	0	0	0%	
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0272	0.1	10	0%	0	0	0%	
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0347	0.1	10	0%	0	0	0%	
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0226	0.1	10	0%	0	0	0%	
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0267	0.1	10	0%	0	0	0%	
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	
Chrysene	A	ug/L	0	0		0	0	0	0.0458	0.1	10	0%	0	0	0%	
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0367	0.1	10	0%	0	0	0%	
Fluoranthene	A	ug/L	0	0		0	0	0	0.0233	0.1	10	0%	0	0	0%	
Fluorene	A	ug/L	0	0		0	0	0	0.0225	0.1	10	0%	0	0	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0491	0.1	10	0%	0	0	0%	
Naphthalene	A	ug/L	0	0		0	0	0	0.029	0.1	10	0%	0	0	0%	
Phenanthrene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	
Pyrene	A	ug/L	0	0		0	0	0	0.0239	0.1	10	0%	0	0	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%	0	0	0%	E
2-Fluorobiphenyl	S	ug/L	0	0		5	0	0	0.0444	0.1	10	0%	25	94	0%	S
Nitrobenzene-d5	S	ug/L	0	0		5	0	0	0.0523	0.1	10	0%	19	102	0%	S
Terphenyl-d14	S	ug/L	0	0		5	0	0	0.0563	0.1	10	0%	39	106	0%	S
o-Terphenyl	X	ug/L	0	0		200	0	0	0.0654	0	0	0%	40	140	0%	S

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988436	MB-162956	SVOC-8270C-SI MBLK		V5975.I\sh0119221/19/2022	12:16:	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988436	MB-162956	SVOC-8270C-SI MBLK		V5975.I\sh0119221/19/2022	12:16:	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0206	0.1	10	0%			0%	
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0176	0.1	10	0%			0%	
Acenaphthene	A	ug/L	0	0		0	0	0	0.0317	0.1	10	0%			0%	
Acenaphthylene	A	ug/L	0	0		0	0	0	0.025	0.1	10	0%			0%	
Anthracene	A	ug/L	0	0		0	0	0	0.0283	0.1	10	0%			0%	
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0272	0.1	10	0%			0%	
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0347	0.1	10	0%			0%	
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0226	0.1	10	0%			0%	
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0267	0.1	10	0%			0%	
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%			0%	
Chrysene	A	ug/L	0	0		0	0	0	0.0458	0.1	10	0%			0%	
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0367	0.1	10	0%			0%	
Fluoranthene	A	ug/L	0	0		0	0	0	0.0233	0.1	10	0%			0%	
Fluorene	A	ug/L	0	0		0	0	0	0.0225	0.1	10	0%			0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0491	0.1	10	0%			0%	
Naphthalene	A	ug/L	0	0		0	0	0	0.029	0.1	10	0%			0%	
Phenanthrene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%			0%	
Pyrene	A	ug/L	0	0		0	0	0	0.0239	0.1	10	0%			0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%			0%	
2-Fluorobiphenyl	S	ug/L	50.06703	50.06703		5	0	0	0.0444	0.1	10	1001%	25	94	0%	S
Nitrobenzene-d5	S	ug/L	37.41433	37.41433		5	0	0	0.0523	0.1	10	748%	19	102	0%	S
Terphenyl-d14	S	ug/L	77.26443	77.26443		5	0	0	0.0563	0.1	10	1545%	39	106	0%	S
o-Terphenyl	X	ug/L	0	0		0	0	0	0.0654	0	0	0%	40	140	0%	S

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988437	LLCS-162956	SVOC-8270C-SI LCS-DOD		V5975.I\sh0119221/19/2022	12:48:	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988437	LLCS-162956	SVOC-8270C-SI	LCS-DOD	V5975.I\sh0119221	19/2022 12:48:	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	1.91562	1.91562		5	0	0	0.0206	0.1	10	38%	41	115	0%	S
2-Methylnaphthalene	A	ug/L	2.14068	2.14068		5	0	0	0.0176	0.1	10	43%	39	114	0%	
Acenaphthene	A	ug/L	2.47055	2.47055		5	0	0	0.0317	0.1	10	49%	48	114	0%	
Acenaphthylene	A	ug/L	2.44864	2.44864		5	0	0	0.025	0.1	10	49%	35	121	0%	
Anthracene	A	ug/L	5.04665	5.04665		5	0	0	0.0283	0.1	10	101%	53	119	0%	
Benzo(a)anthracene	A	ug/L	5.45882	5.45882		5	0	0	0.0272	0.1	10	109%	59	120	0%	
Benzo(a)pyrene	A	ug/L	5.08984	5.08984		5	0	0	0.0347	0.1	10	102%	53	120	0%	
Benzo(b)fluoranthene	A	ug/L	5.14415	5.14415		5	0	0	0.0226	0.1	10	103%	53	126	0%	
Benzo(g,h,i)perylene	A	ug/L	4.93294	4.93294		5	0	0	0.0267	0.1	10	99%	44	128	0%	
Benzo(k)fluoranthene	A	ug/L	4.60017	4.60017		5	0	0	0.0295	0.1	10	92%	54	125	0%	
Chrysene	A	ug/L	4.92472	4.92472		5	0	0	0.0458	0.1	10	98%	57	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	4.91349	4.91349		5	0	0	0.0367	0.1	10	98%	44	141	0%	
Fluoranthene	A	ug/L	4.89039	4.89039		5	0	0	0.0233	0.1	10	98%	58	120	0%	
Fluorene	A	ug/L	3.25873	3.25873		5	0	0	0.0225	0.1	10	65%	50	118	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	5.11875	5.11875		5	0	0	0.0491	0.1	10	102%	48	130	0%	
Naphthalene	A	ug/L	2.01591	2.01591		5	0	0	0.029	0.1	10	40%	43	114	0%	S
Phenanthrene	A	ug/L	4.90658	4.90658		5	0	0	0.0295	0.1	10	98%	53	115	0%	
Pyrene	A	ug/L	4.80074	4.80074		5	0	0	0.0239	0.1	10	96%	53	121	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%			0%	
2-Fluorobiphenyl	S	ug/L	3.67218	3.67218		5	0	0	0.0444	0.1	10	73%	53	106	0%	
Nitrobenzene-d5	S	ug/L	4.78898	4.78898		5	0	0	0.0523	0.1	10	96%	55	111	0%	
Terphenyl-d14	S	ug/L	5.58643	5.58643		5	0	0	0.0563	0.1	10	112%	58	132	0%	
o-Terphenyl	X	ug/L	4.65937	4.65937		5	0	0	0.0654	0	0	93%	40	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988438	LLCSD-162956	SVOC-8270C-SI	LCS-DOD	V5975.I\sh0119221	19/2022 1:20:4	1	162956	1/14/2022 2:	0	1E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q



Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988438	LLCSD-162956	SVOC-8270C-SI	LCSD-DOD	V5975.I\sh0119221/19/2022	1:20:4	1	162956	1/14/2022	2:	0	1E+07					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	2.50835	2.50835		5	0	1.91562	0.0206	0.1	10	50%	41	115	27%	
2-Methylnaphthalene	A	ug/L	2.96637	2.96637		5	0	2.14068	0.0176	0.1	10	59%	39	114	32%	
Acenaphthene	A	ug/L	3.08827	3.08827		5	0	2.47055	0.0317	0.1	10	62%	48	114	22%	
Acenaphthylene	A	ug/L	2.8843	2.8843		5	0	2.44864	0.025	0.1	10	58%	35	121	16%	
Anthracene	A	ug/L	4.84511	4.84511		5	0	5.04665	0.0283	0.1	10	97%	53	119	4%	
Benzo(a)anthracene	A	ug/L	5.11799	5.11799		5	0	5.45882	0.0272	0.1	10	102%	59	120	6%	
Benzo(a)pyrene	A	ug/L	4.64505	4.64505		5	0	5.08984	0.0347	0.1	10	93%	53	120	9%	
Benzo(b)fluoranthene	A	ug/L	4.88543	4.88543		5	0	5.14415	0.0226	0.1	10	98%	53	126	5%	
Benzo(g,h,i)perylene	A	ug/L	4.50894	4.50894		5	0	4.93294	0.0267	0.1	10	90%	44	128	9%	
Benzo(k)fluoranthene	A	ug/L	4.39057	4.39057		5	0	4.60017	0.0295	0.1	10	88%	54	125	5%	
Chrysene	A	ug/L	4.66473	4.66473		5	0	4.92472	0.0458	0.1	10	93%	57	120	5%	
Dibenzo(a,h)anthracene	A	ug/L	4.50084	4.50084		5	0	4.91349	0.0367	0.1	10	90%	44	141	9%	
Fluoranthene	A	ug/L	4.59073	4.59073		5	0	4.89039	0.0233	0.1	10	92%	58	120	6%	
Fluorene	A	ug/L	3.84748	3.84748		5	0	3.25873	0.0225	0.1	10	77%	50	118	17%	
Indeno(1,2,3-cd)pyrene	A	ug/L	4.54034	4.54034		5	0	5.11875	0.0491	0.1	10	91%	48	130	12%	
Naphthalene	A	ug/L	2.42219	2.42219		5	0	2.01591	0.029	0.1	10	48%	43	114	18%	
Phenanthrene	A	ug/L	4.82359	4.82359		5	0	4.90658	0.0295	0.1	10	96%	53	115	2%	
Pyrene	A	ug/L	4.61676	4.61676		5	0	4.80074	0.0239	0.1	10	92%	53	121	4%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%			0%	
2-Fluorobiphenyl	S	ug/L	5.54326	5.54326		5	0	0	0.0444	0.1	10	111%	53	106	0%	S
Nitrobenzene-d5	S	ug/L	5.93398	5.93398		5	0	0	0.0523	0.1	10	119%	55	111	0%	S
Terphenyl-d14	S	ug/L	7.38769	7.38769		5	0	0	0.0563	0.1	10	148%	58	132	0%	S
o-Terphenyl	X	ug/L	4.16425	4.16425		5	0	4.65937	0.0654	0	0	83%	40	140	11%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988439	B22010753-001	SVOC-8270C-SI	SAMP	V5975.I\sh0119221/19/2022	1:52:5	1	162889	1/13/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988439	B22010753-001	SVOC-8270C-SI SAMP		V5975.I\sh0119221/19/2022	1:52:5	1	162889	1/13/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.020806	0.101	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.017776	0.101	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.032017	0.101	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.02525	0.101	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.028583	0.101	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.027472	0.101	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.035047	0.101	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.022826	0.101	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.026967	0.101	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.029795	0.101	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.046258	0.101	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.037067	0.101	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.023533	0.101	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.022725	0.101	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.049591	0.101	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.02929	0.101	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.029795	0.101	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.024139	0.101	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	40.4		0	0	0	0.101	0.101		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	40.4		0	0	0	0.101	0.101		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	40.4		0	0	0	0.101	0.101		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	40.4		0	0	0	0.101	0.101		0%	0	0	0%	
Perylene-d12	I	ug/L	40	40.4		0	0	0	0.101	0.101		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	40.4		0	0	0	0.101	0.101	10	0%	0	0	0%	E
2-Fluorobiphenyl	S	ug/L	70.26829	70.9709729		5.05	0	0	0.044844	0.101	10	1405%	25	94	0%	SE
Nitrobenzene-d5	S	ug/L	37.71635	38.0935135		5.05	0	0	0.052823	0.101	10	754%	19	102	0%	SE
Terphenyl-d14	S	ug/L	70.33111	71.0344211		5.05	0	0	0.056863	0.101	10	1407%	39	106	0%	SE
o-Terphenyl	X	ug/L	0.08662	0.0874862		202	0	0	0.066054	0	0	0%	40	140	0%	S

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988440	B22010754-001	SVOC-8270C-SI SAMP		V5975.I\sh0119221/19/2022	2:25:2	1	162889	1/13/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988440	B22010754-001	SVOC-8270C-SI SAMP		V5975.I\sh0119221/19/2022	2:25:2	1	162889	1/13/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.021218	0.103	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.018128	0.103	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.032651	0.103	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.02575	0.103	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.029149	0.103	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.028016	0.103	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.035741	0.103	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.023278	0.103	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.027501	0.103	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.030385	0.103	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.047174	0.103	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.037801	0.103	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.023999	0.103	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.023175	0.103	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.050573	0.103	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.02987	0.103	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.030385	0.103	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.024617	0.103	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	
Perylene-d12	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	41.2		0	0	0	0.103	0.103	10	0%	0	0	0%	E
2-Fluorobiphenyl	S	ug/L	69.45374	71.5373522		5.15	0	0	0.045732	0.103	10	1389%	25	94	0%	SE
Nitrobenzene-d5	S	ug/L	37.74134	38.8735802		5.15	0	0	0.053869	0.103	10	755%	19	102	0%	SE
Terphenyl-d14	S	ug/L	72.84308	75.0283724		5.15	0	0	0.057989	0.103	10	1457%	39	106	0%	SE
o-Terphenyl	X	ug/L	0	0		206	0	0	0.067362	0	0	0%	40	140	0%	SU

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988441	B22010750-001	SVOC-8270C-SI SAMP		V5975.I\sh0119221/19/2022	2:57:4	1	162956	1/14/2022	2:	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988441	B22010750-001	SVOC-8270C-SI SAMP		V5975.I\sh0119221/19/2022	2:57:4	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.020188	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.017248	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.031066	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.0245	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.027734	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.026656	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.034006	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.022148	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.026166	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.02891	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.044884	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.035966	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0.06722	0.0658756		0	0	0	0.022834	0.1	10	0%	0	0	0%	J
Fluorene	A	ug/L	0	0		0	0	0	0.02205	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.048118	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.02842	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.02891	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0.07341	0.0719418		0	0	0	0.023422	0.1	10	0%	0	0	0%	J
1,4-Dichlorobenzene-d4	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	39.2		0	0	0	0.098	0.1	10	0%	0	0	0%	E
2-Fluorobiphenyl	S	ug/L	64.19087	62.9070526		4.9	0	0	0.043512	0.1	10	1284%	25	94	0%	SE
Nitrobenzene-d5	S	ug/L	37.23899	36.4942102		4.9	0	0	0.051254	0.1	10	745%	19	102	0%	SE
Terphenyl-d14	S	ug/L	73.22597	71.7614506		4.9	0	0	0.055174	0.1	10	1465%	39	106	0%	SE
o-Terphenyl	X	ug/L	0.05633	0		196	0	0	0.064092	0	0	0%	40	140	0%	SU

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988442	B22010755-001	SVOC-8270C-SI SAMP		V5975.I\sh0119221/19/2022	3:30:1	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988442	B22010755-001	SVOC-8270C-SI SAMP		V5975.I\sh0119221/19/2022	3:30:1	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.020394	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.017424	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.031383	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.02475	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.028017	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.026928	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.034353	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.022374	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.026433	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.029205	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.045342	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.036333	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.023067	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.022275	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.048609	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.02871	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.029205	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.023661	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	39.6		0	0	0	0.099	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	39.6		0	0	0	0.099	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	39.6		0	0	0	0.099	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	39.6		0	0	0	0.099	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	39.6		0	0	0	0.099	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	39.6		0	0	0	0.099	0.1	10	0%	0	0	0%	E
2-Fluorobiphenyl	S	ug/L	68.47836	67.7935764		4.95	0	0	0.043956	0.1	10	1370%	25	94	0%	SE
Nitrobenzene-d5	S	ug/L	36.43152	36.0672048		4.95	0	0	0.051777	0.1	10	729%	19	102	0%	SE
Terphenyl-d14	S	ug/L	75.58673	74.8308627		4.95	0	0	0.055737	0.1	10	1512%	39	106	0%	SE
o-Terphenyl	X	ug/L	0	0		198	0	0	0.064746	0	0	0%	40	140	0%	SU

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988443	B22010756-001	SVOC-8270C-SI SAMP		V5975.I\sh0119221/19/2022	4:02:3	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988443	B22010756-001	SVOC-8270C-SI SAMP		V5975.I\sh0119221/19/2022	4:02:3	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.021424	0.104	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.018304	0.104	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.032968	0.104	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.026	0.104	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.029432	0.104	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.028288	0.104	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.036088	0.104	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.023504	0.104	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.027768	0.104	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.03068	0.104	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.047632	0.104	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.038168	0.104	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0.05054	0.0525616		0	0	0	0.024232	0.104	10	0%	0	0	0%	J
Fluorene	A	ug/L	0	0		0	0	0	0.0234	0.104	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.051064	0.104	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.03016	0.104	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.03068	0.104	10	0%	0	0	0%	U
Pyrene	A	ug/L	0.0485	0.05044		0	0	0	0.024856	0.104	10	0%	0	0	0%	J
1,4-Dichlorobenzene-d4	I	ug/L	40	41.6		0	0	0	0.104	0.104		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	41.6		0	0	0	0.104	0.104		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	41.6		0	0	0	0.104	0.104		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	41.6		0	0	0	0.104	0.104		0%	0	0	0%	
Perylene-d12	I	ug/L	40	41.6		0	0	0	0.104	0.104		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	41.6		0	0	0	0.104	0.104	10	0%	0	0	0%	E
2-Fluorobiphenyl	S	ug/L	73.42245	76.359348		5.2	0	0	0.046176	0.104	10	1468%	25	94	0%	SE
Nitrobenzene-d5	S	ug/L	36.7281	38.197224		5.2	0	0	0.054392	0.104	10	735%	19	102	0%	SE
Terphenyl-d14	S	ug/L	72.8125	75.725		5.2	0	0	0.058552	0.104	10	1456%	39	106	0%	SE
o-Terphenyl	X	ug/L	0	0		208	0	0	0.068016	0	0	0%	40	140	0%	SU

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988444	B22010757-001	SVOC-8270C-SI SAMP		V5975.I\sh0119221/19/2022	4:34:5	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988444	B22010757-001	SVOC-8270C-SI SAMP		V5975.I\sh0119221/19/2022	4:34:5	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Acenaphthene	A	ug/L	0.32262	0.32262		0	0	0	0.0317	0.1	10	0%	0	0	0%	
Acenaphthylene	A	ug/L	0	0		0	0	0	0.025	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0283	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0.04524	0.04524		0	0	0	0.0272	0.1	10	0%	0	0	0%	J
Benzo(a)pyrene	A	ug/L	0.16461	0.16461		0	0	0	0.0347	0.1	10	0%	0	0	0%	
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0226	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0267	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0.05455	0.05455		0	0	0	0.0458	0.1	10	0%	0	0	0%	J
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0367	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0.17574	0.17574		0	0	0	0.0233	0.1	10	0%	0	0	0%	
Fluorene	A	ug/L	0.17065	0.17065		0	0	0	0.0225	0.1	10	0%	0	0	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0491	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0.16888	0.16888		0	0	0	0.0239	0.1	10	0%	0	0	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%	0	0	0%	E
2-Fluorobiphenyl	S	ug/L	62.42329	62.42329		5	0	0	0.0444	0.1	10	1248%	25	94	0%	SE
Nitrobenzene-d5	S	ug/L	33.7954	33.7954		5	0	0	0.0523	0.1	10	676%	19	102	0%	SE
Terphenyl-d14	S	ug/L	72.17039	72.17039		5	0	0	0.0563	0.1	10	1443%	39	106	0%	SE
o-Terphenyl	X	ug/L	0.14699	0.14699		200	0	0	0.0654	0	0	0%	40	140	0%	S

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988445	B22010758-001	SVOC-8270C-SI SAMP		V5975.I\sh0119221/19/2022	5:07:1	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0206	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0176	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.0317	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.025	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0283	0.1	10	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988445	B22010758-001	SVOC-8270C-SI SAMP		√5975.I\sh0119221/19/2022	5:07:1	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0272	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0347	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0226	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0267	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.0458	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0367	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.0233	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.0225	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0491	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.029	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.0239	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%	0	0	0%	E
2-Fluorobiphenyl	S	ug/L	64.59275	64.59275		5	0	0	0.0444	0.1	10	1292%	25	94	0%	SE
Nitrobenzene-d5	S	ug/L	40.24349	40.24349		5	0	0	0.0523	0.1	10	805%	19	102	0%	SE
Terphenyl-d14	S	ug/L	76.13199	76.13199		5	0	0	0.0563	0.1	10	1523%	39	106	0%	SE
o-Terphenyl	X	ug/L	0	0		200	0	0	0.0654	0	0	0%	40	140	0%	SU

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988446	B22010758-002	SVOC-8270C-SI SAMP		√5975.I\sh0119221/19/2022	5:39:4	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0198172	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0169312	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.0304954	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.02405	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0272246	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0261664	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0333814	0.1	10	0%	0	0	0%	U



Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988446	B22010758-002	SVOC-8270C-SI SAMP		V5975.I\sh0119221/19/2022	5:39:4	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0217412	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0256854	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.028379	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.0440596	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0353054	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.0224146	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.021645	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0472342	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.027898	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.028379	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.0229918	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	38.48		0	0	0	0.0962	0.1	10	0%	0	0	0%	E
2-Fluorobiphenyl	S	ug/L	70.84946	68.1571805		4.81	0	0	0.0427128	0.1	10	1417%	25	94	0%	SE
Nitrobenzene-d5	S	ug/L	39.28985	37.7968357		4.81	0	0	0.0503126	0.1	10	786%	19	102	0%	SE
Terphenyl-d14	S	ug/L	73.52771	70.7336570		4.81	0	0	0.0541606	0.1	10	1471%	39	106	0%	SE
o-Terphenyl	X	ug/L	0	0		192.4	0	0	0.0629148	0	0	0%	40	140	0%	SU

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988447	B22010759-001	SVOC-8270C-SI SAMP		V5975.I\sh0119221/19/2022	6:12:0	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0196112	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0167552	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.0301784	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.0238	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0269416	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0258944	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0330344	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0215152	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0254184	0.1	10	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988447	B22010759-001	SVOC-8270C-SI SAMP		V5975.I\sh0119221/19/2022	6:12:0	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.028084	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.0436016	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0349384	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.0221816	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.02142	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0467432	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.027608	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.028084	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.0227528	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	38.08		0	0	0	0.0952	0.1	10	0%	0	0	0%	E
2-Fluorobiphenyl	S	ug/L	65.4136	62.2737472		4.76	0	0	0.0422688	0.1	10	1308%	25	94	0%	SE
Nitrobenzene-d5	S	ug/L	37.00407	35.2278746		4.76	0	0	0.0497896	0.1	10	740%	19	102	0%	SE
Terphenyl-d14	S	ug/L	61.80914	58.8423013		4.76	0	0	0.0535976	0.1	10	1236%	39	106	0%	SE
o-Terphenyl	X	ug/L	0	0		190.4	0	0	0.0622608	0	0	0%	40	140	0%	SU

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988448	B22010759-001	SVOC-8270C-SI MS-DOD		V5975.I\sh0119221/19/2022	6:44:1	1	162956	1/14/2022 2:	1E+07	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	2.9082	2.850036		4.9	0	0	0.020188	0.1	10	58%	41	115	0%	
2-Methylnaphthalene	A	ug/L	3.66714	3.5937972		4.9	0	0	0.017248	0.1	10	73%	39	114	0%	
Acenaphthene	A	ug/L	3.51393	3.4436514		4.9	0	0	0.031066	0.1	10	70%	48	114	0%	
Acenaphthylene	A	ug/L	2.84797	2.7910106		4.9	0	0	0.0245	0.1	10	57%	35	121	0%	
Anthracene	A	ug/L	4.46741	4.3780618		4.9	0	0	0.027734	0.1	10	89%	53	119	0%	
Benzo(a)anthracene	A	ug/L	4.54464	4.4537472		4.9	0	0	0.026656	0.1	10	91%	59	120	0%	
Benzo(a)pyrene	A	ug/L	4.18854	4.1047692		4.9	0	0	0.034006	0.1	10	84%	53	120	0%	
Benzo(b)fluoranthene	A	ug/L	4.29365	4.207777		4.9	0	0	0.022148	0.1	10	86%	53	126	0%	
Benzo(g,h,i)perylene	A	ug/L	4.3865	4.29877		4.9	0	0	0.026166	0.1	10	88%	44	128	0%	
Benzo(k)fluoranthene	A	ug/L	4.0667	3.985366		4.9	0	0	0.02891	0.1	10	81%	54	125	0%	
Chrysene	A	ug/L	3.97923	3.8996454		4.9	0	0	0.044884	0.1	10	80%	57	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988448	B22010759-001	SVOC-8270C-SI MS-DOD		V5975.I\sh0119221/19/2022	6:44:1	1	162956	1/14/2022 2:	1E+07	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibenzo(a,h)anthracene	A	ug/L	4.59888	4.5069024		4.9	0	0	0.035966	0.1	10	92%	44	141	0%	
Fluoranthene	A	ug/L	4.09844	4.0164712		4.9	0	0	0.022834	0.1	10	82%	58	120	0%	
Fluorene	A	ug/L	3.8814	3.803772		4.9	0	0	0.02205	0.1	10	78%	50	118	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	4.4357	4.346986		4.9	0	0	0.048118	0.1	10	89%	48	130	0%	
Naphthalene	A	ug/L	2.84264	2.7857872		4.9	0	0	0.02842	0.1	10	57%	43	114	0%	
Phenanthrene	A	ug/L	4.47245	4.383001		4.9	0	0	0.02891	0.1	10	89%	53	115	0%	
Pyrene	A	ug/L	4.08011	3.9985078		4.9	0	0	0.023422	0.1	10	82%	53	121	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%			0%	
Perylene-d12	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	39.2		0	0	0	0.098	0.1	10	0%			0%	
2-Fluorobiphenyl	S	ug/L	59.44729	58.2583442		98	0	0	0.043512	0.1	10	59%	53	106	0%	
Nitrobenzene-d5	S	ug/L	34.43919	33.7504062		98	0	0	0.051254	0.1	10	34%	55	111	0%	S
Terphenyl-d14	S	ug/L	67.54197	66.1911306		98	0	0	0.055174	0.1	10	68%	58	132	0%	
o-Terphenyl	X	ug/L	3.67071	3.5972958		4.9	0	0	0.064092	0	0	73%	40	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988449	B22010759-001	SVOC-8270C-SI MSD-DOD		V5975.I\sh0119221/19/2022	7:16:3	1	162956	1/14/2022 2:	1E+07	1E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	3.26157	3.16698447		4.855	0	2.850036	0.0200026	0.1	10	65%	41	115	11%	
2-Methylnaphthalene	A	ug/L	4.16169	4.04100099		4.855	0	3.5937972	0.0170896	0.1	10	83%	39	114	12%	
Acenaphthene	A	ug/L	3.51864	3.41659944		4.855	0	3.4436514	0.0307807	0.1	10	70%	48	114	1%	
Acenaphthylene	A	ug/L	3.43773	3.33803583		4.855	0	2.7910106	0.024275	0.1	10	69%	35	121	18%	
Anthracene	A	ug/L	4.35311	4.22686981		4.855	0	4.3780618	0.0274793	0.1	10	87%	53	119	4%	
Benzo(a)anthracene	A	ug/L	4.17911	4.05791581		4.855	0	4.4537472	0.0264112	0.1	10	84%	59	120	9%	
Benzo(a)pyrene	A	ug/L	3.76861	3.65932031		4.855	0	4.1047692	0.0336937	0.1	10	75%	53	120	11%	
Benzo(b)fluoranthene	A	ug/L	3.96232	3.84741272		4.855	0	4.207777	0.0219446	0.1	10	79%	53	126	9%	
Benzo(g,h,i)perylene	A	ug/L	3.71065	3.60304115		4.855	0	4.29877	0.0259257	0.1	10	74%	44	128	18%	
Benzo(k)fluoranthene	A	ug/L	3.56031	3.45706101		4.855	0	3.985366	0.0286445	0.1	10	71%	54	125	14%	
Chrysene	A	ug/L	3.67923	3.57253233		4.855	0	3.8996454	0.0444718	0.1	10	74%	57	120	9%	
Dibenzo(a,h)anthracene	A	ug/L	3.85234	3.74062214		4.855	0	4.5069024	0.0356357	0.1	10	77%	44	141	19%	
Fluoranthene	A	ug/L	3.99536	3.87949456		4.855	0	4.0164712	0.0226243	0.1	10	80%	58	120	3%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988449	B22010759-001	SVOC-8270C-SI	MSD-DOD	V5975.I\sh0119221/19/2022	7:16:3	1	162956	1/14/2022 2:	1E+07	1E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Fluorene	A	ug/L	3.95349	3.83883879		4.855	0	3.803772	0.0218475	0.1	10	79%	50	118	1%	
Indeno(1,2,3-cd)pyrene	A	ug/L	3.78838	3.67851698		4.855	0	4.346986	0.0476761	0.1	10	76%	48	130	17%	
Naphthalene	A	ug/L	3.26134	3.16676114		4.855	0	2.7857872	0.028159	0.1	10	65%	43	114	13%	
Phenanthrene	A	ug/L	4.48012	4.35019652		4.855	0	4.383001	0.0286445	0.1	10	90%	53	115	1%	
Pyrene	A	ug/L	3.84455	3.73305805		4.855	0	3.9985078	0.0232069	0.1	10	77%	53	121	7%	
1,4-Dichlorobenzene-d4	I	ug/L	40	38.84		0	0	0	0.0971	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	38.84		0	0	0	0.0971	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	38.84		0	0	0	0.0971	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	38.84		0	0	0	0.0971	0.1		0%			0%	
Perylene-d12	I	ug/L	40	38.84		0	0	0	0.0971	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	38.84		0	0	0	0.0971	0.1	10	0%			0%	
2-Fluorobiphenyl	S	ug/L	61.11951	59.3470442		97.1	0	0	0.0431124	0.1	10	61%	53	106	0%	
Nitrobenzene-d5	S	ug/L	39.73173	38.5795098		97.1	0	0	0.0507833	0.1	10	40%	55	111	0%	S
Terphenyl-d14	S	ug/L	63.46923	61.6286223		97.1	0	0	0.0546673	0.1	10	63%	58	132	0%	
o-Terphenyl	X	ug/L	3.60326	3.49876546		4.855	0	3.5972958	0.0635034	0	0	72%	40	140	3%	

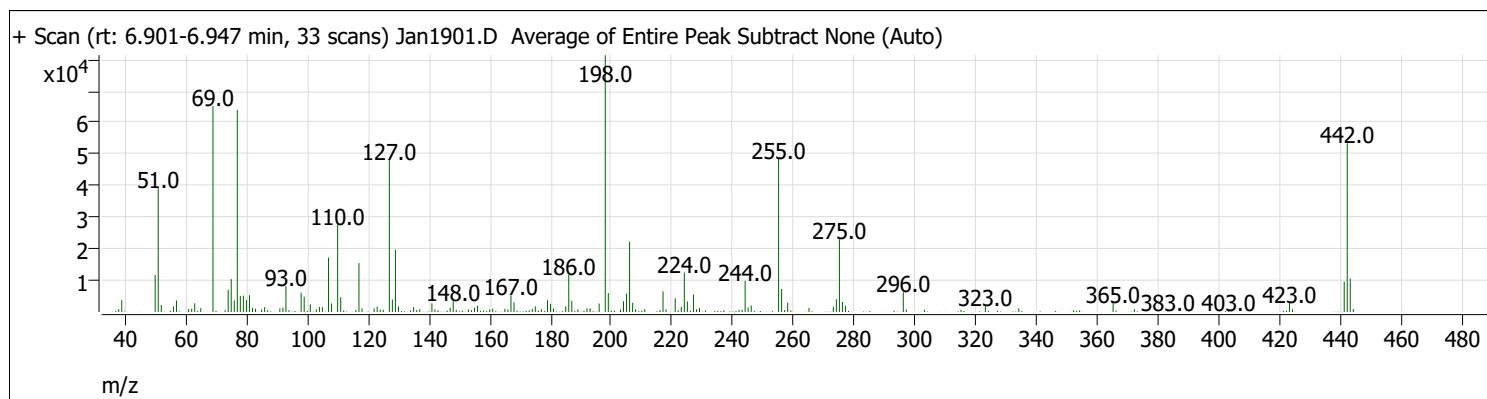
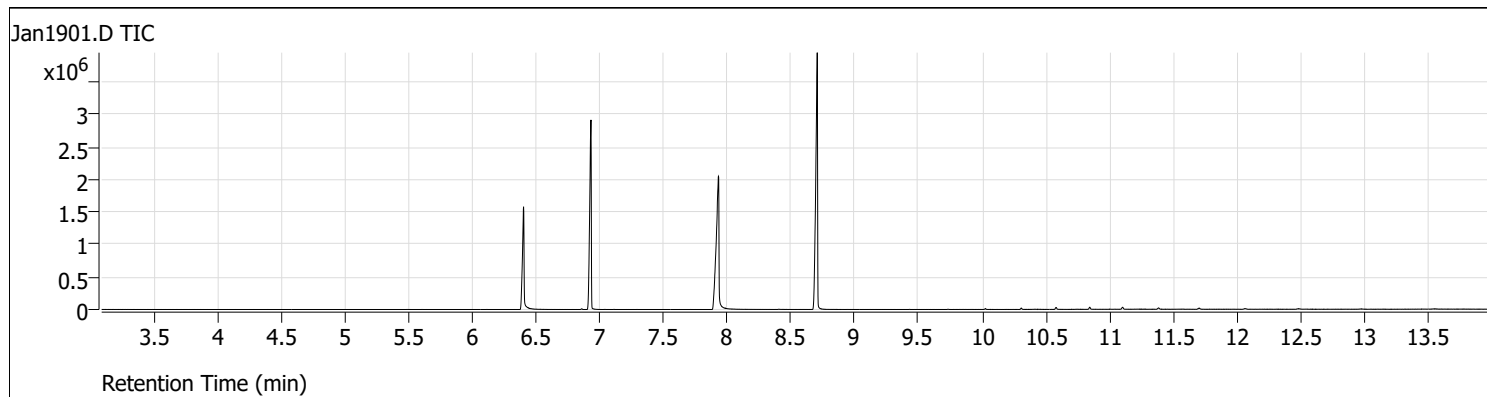
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988450	19-Jan-22_CC	SVOC-8270C-SI	CCV	V5975.I\sh0119221/19/2022	7:48:5	1	R373423		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	1.87892	1.87892		2	0	0	0.0206	0.1	10	94%	50	150	0%	
2-Methylnaphthalene	A	ug/L	1.94094	1.94094		2	0	0	0.0176	0.1	10	97%	50	150	0%	
Acenaphthene	A	ug/L	1.67189	1.67189		2	0	0	0.0317	0.1	10	84%	50	150	0%	
Acenaphthylene	A	ug/L	1.74369	1.74369		2	0	0	0.025	0.1	10	87%	50	150	0%	
Anthracene	A	ug/L	2.07784	2.07784		2	0	0	0.0283	0.1	10	104%	50	150	0%	
Benzo(a)anthracene	A	ug/L	2.11438	2.11438		2	0	0	0.0272	0.1	10	106%	50	150	0%	
Benzo(a)pyrene	A	ug/L	2.15587	2.15587		2	0	0	0.0347	0.1	10	108%	50	150	0%	
Benzo(b)fluoranthene	A	ug/L	2.01666	2.01666		2	0	0	0.0226	0.1	10	101%	50	150	0%	
Benzo(g,h,i)perylene	A	ug/L	2.17432	2.17432		2	0	0	0.0267	0.1	10	109%	50	150	0%	
Benzo(k)fluoranthene	A	ug/L	2.01724	2.01724		2	0	0	0.0295	0.1	10	101%	50	150	0%	
Chrysene	A	ug/L	1.98241	1.98241		2	0	0	0.0458	0.1	10	99%	50	150	0%	
Dibenzo(a,h)anthracene	A	ug/L	1.93373	1.93373		2	0	0	0.0367	0.1	10	97%	50	150	0%	
Fluoranthene	A	ug/L	1.9156	1.9156		2	0	0	0.0233	0.1	10	96%	50	150	0%	
Fluorene	A	ug/L	1.87097	1.87097		2	0	0	0.0225	0.1	10	94%	50	150	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	2.17467	2.17467		2	0	0	0.0491	0.1	10	109%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14988450	19-Jan-22_CCV	SVOC-8270C-SI	CCV	V5975.I\sh0119221/19/2022	7:48:5	1	R373423		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Naphthalene	A	ug/L	1.78229	1.78229		2	0	0	0.029	0.1	10	89%	50	150	0%	
Phenanthrene	A	ug/L	2.0183	2.0183		2	0	0	0.0295	0.1	10	101%	50	150	0%	
Pyrene	A	ug/L	2.00269	2.00269		2	0	0	0.0239	0.1	10	100%	50	150	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%	50	150	0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	50	150	0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	50	150	0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%	50	150	0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	50	150	0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%	50	150	0%	
2-Fluorobiphenyl	S	ug/L	1.91331	1.91331		2	0	0	0.0444	0.1	10	96%	50	150	0%	
Nitrobenzene-d5	S	ug/L	2.31064	2.31064		2	0	0	0.0523	0.1	10	116%	50	150	0%	
Terphenyl-d14	S	ug/L	2.13372	2.13372		2	0	0	0.0563	0.1	10	107%	50	150	0%	
o-Terphenyl	X	ug/L	1.89962	1.89962		2	0	0	0.0654	0	0	95%	50	150	0%	

File Name	Sample Name	Line No.	Test Code	Multiplier	Divisor	Method Name
Jan1901.d	19-Jan-22_TUNE_1	1		1	1	5975Tune.M
Jan1902.d	19-Jan-22_CCV_2	2	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan1903.d	19-Jan-22_ISTBLK_3	3	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan1904.d	MB-162956	4	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan1905.d	LLCS-162956	5	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan1906.d	LLCSD-162956	6	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan1907.d	B22010753-001C	7	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan1908.d	B22010754-001C	8	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan1909.d	B22010750-001C	9	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan1910.d	B22010755-001C	10	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan1911.d	B22010756-001C	11	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan1912.d	B22010757-001C	12	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan1913.d	B22010758-001C	13	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan1914.d	B22010758-002A	14	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan1915.d	B22010759-001C	15	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan1916.d	B22010759-001CLMS	16	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan1917.d	B22010759-001CLMSD	17	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan1918.d	19-Jan-22_CCV_18	18	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M

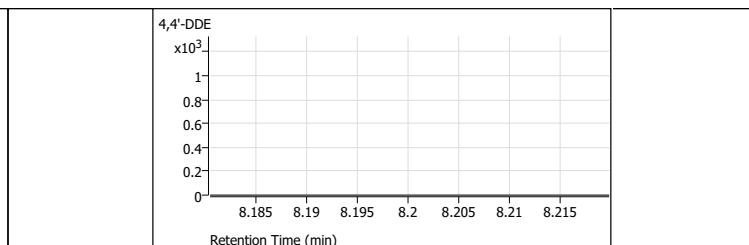
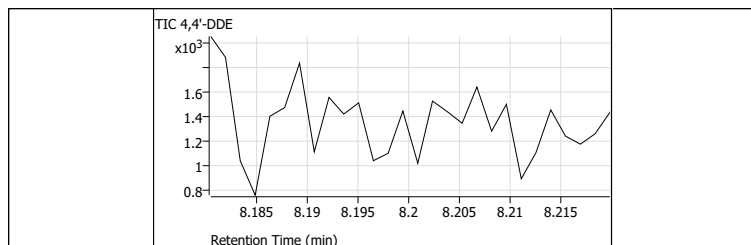
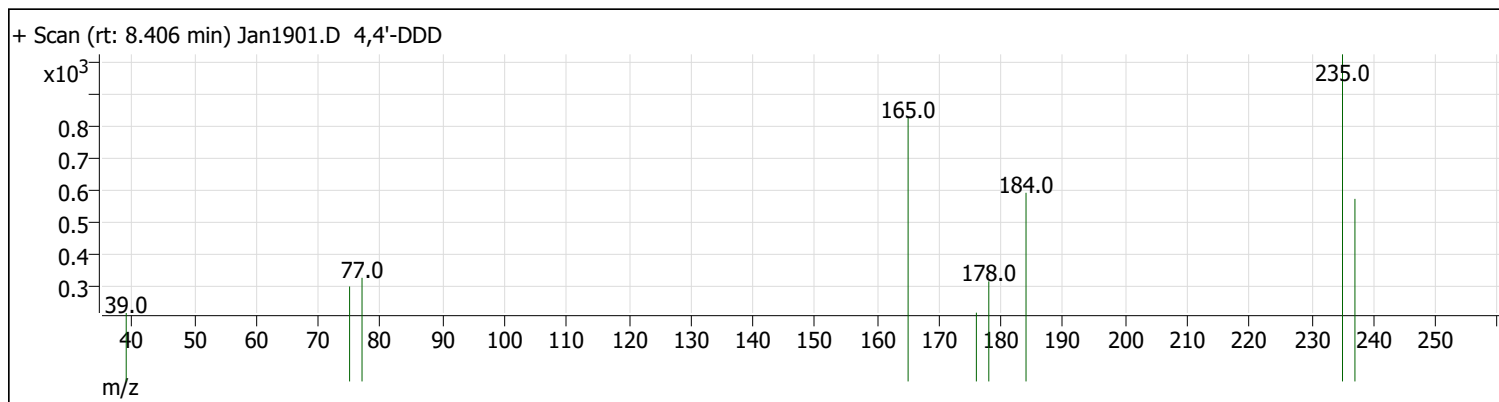
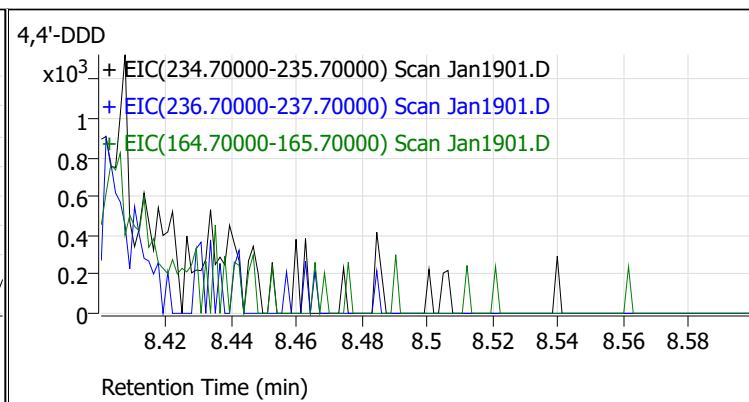
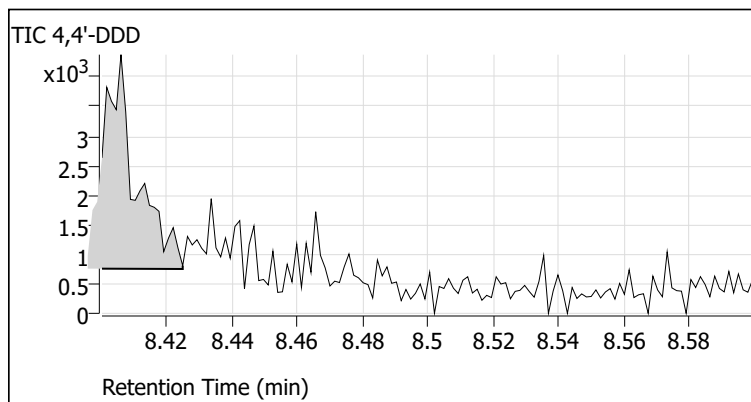
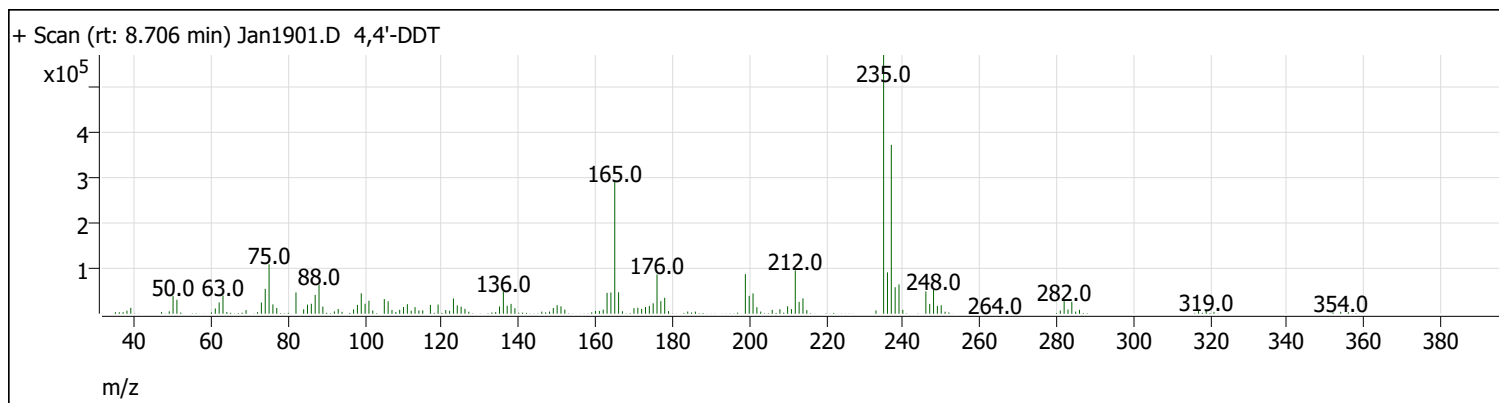
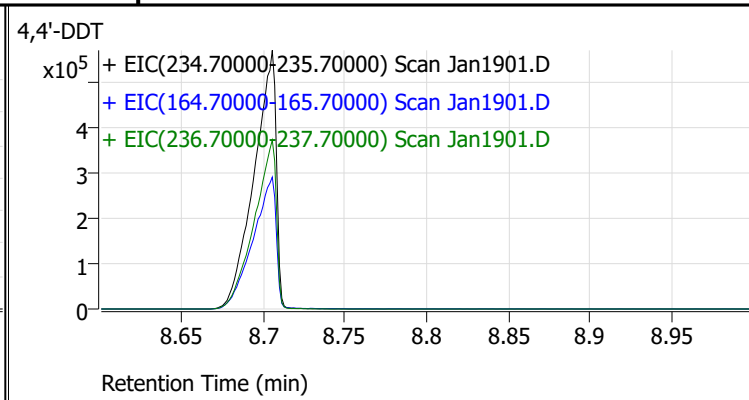
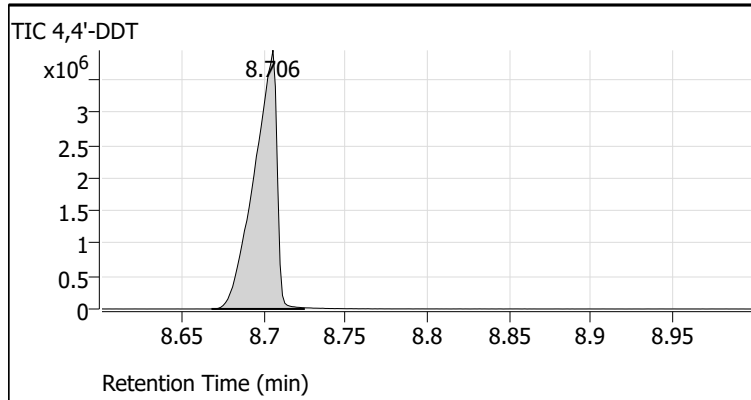
# Tune Evaluation Report

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 Acq on: 1/19/2022 10:48:01 AM  
 Operator: LIMS import  
 Sample: 19-Jan-22\_TUNE\_1  
 Inst Name: GCMS  
 ALS Vial: 1  
 Method: \\MASSHUNTER\Org\Data\SV5975.I\Methods\DFTPP5975625.m



Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
51	198	30	60	48.2	39235	Pass
68	69	0	2	0.0	24	Pass
70	69	0	2	0.5	349	Pass
127	198	40	60	59.1	48100	Pass
197	198	0	1	0.0	0	Pass
198	198	100	100	100.0	81329	Pass
199	198	5	9	7.4	5990	Pass
275	198	10	30	28.3	23043	Pass
365	198	1	100	3.6	2923	Pass
441	443	1E-10	150	91.3	9621	Pass
442	198	40	100	65.7	53416	Pass
443	442	17	23	19.7	10534	Pass
69	69	100	100	100.0	65195	Pass

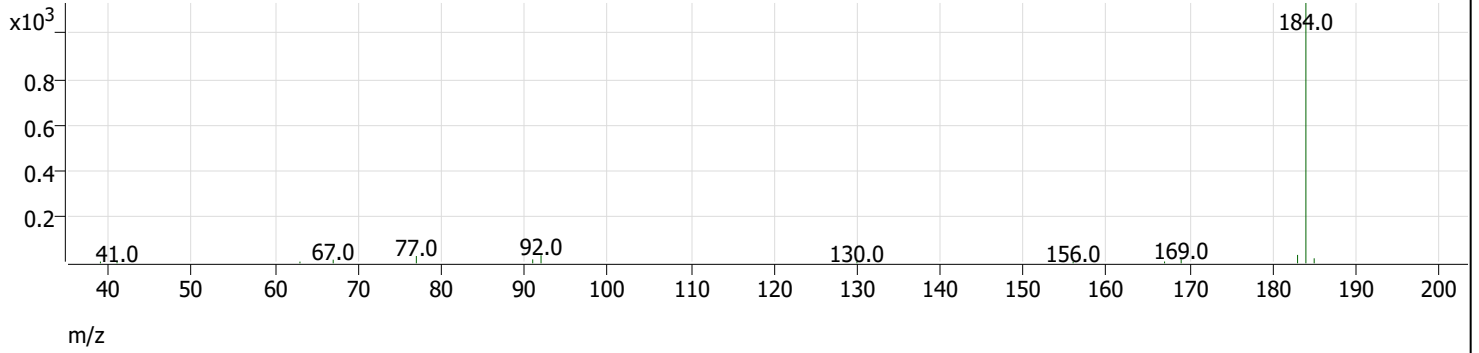
# Tune Evaluation Report





# Tune Evaluation Report

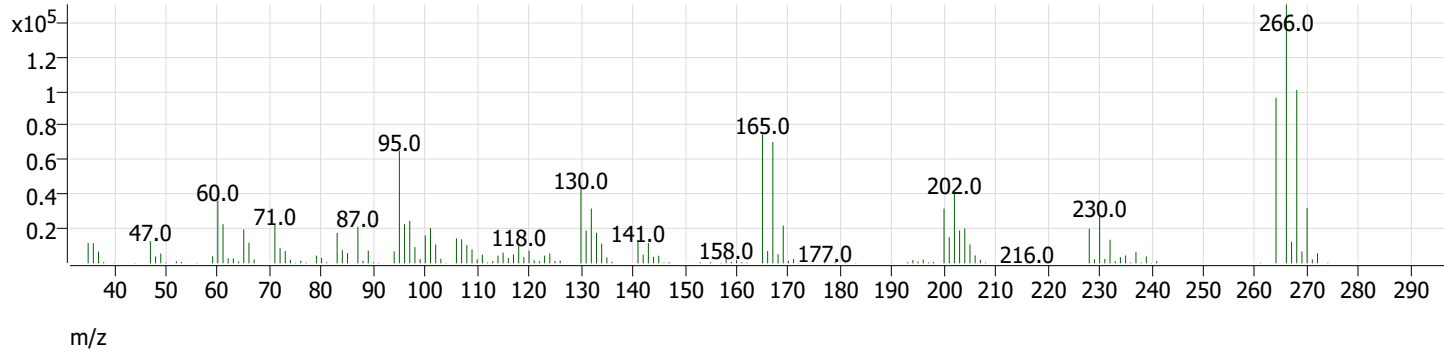
+ Scan (rt: 8.181-8.220 min, 28 scans) Jan1901.D 4,4'-DDE



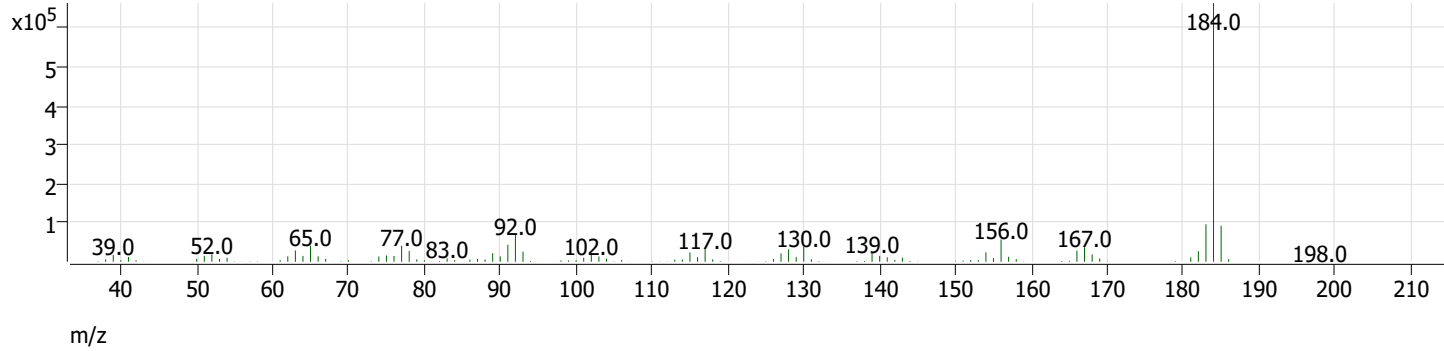
Compound Name	Expected RT	Observed RT	TIC Area	Breakdown %	Pass/Fail
4,4'-DDT	8.800	8.706	3798544	0.1	Pass
4,4'-DDD	8.500	8.406	2535		
4,4'-DDE	8.200	0.000	0		

# Tune Evaluation Report

+ Scan (rt: 6.400 min) Jan1901.D Pentachlorophenol



+ Scan (rt: 7.930 min) Jan1901.D Benzidine

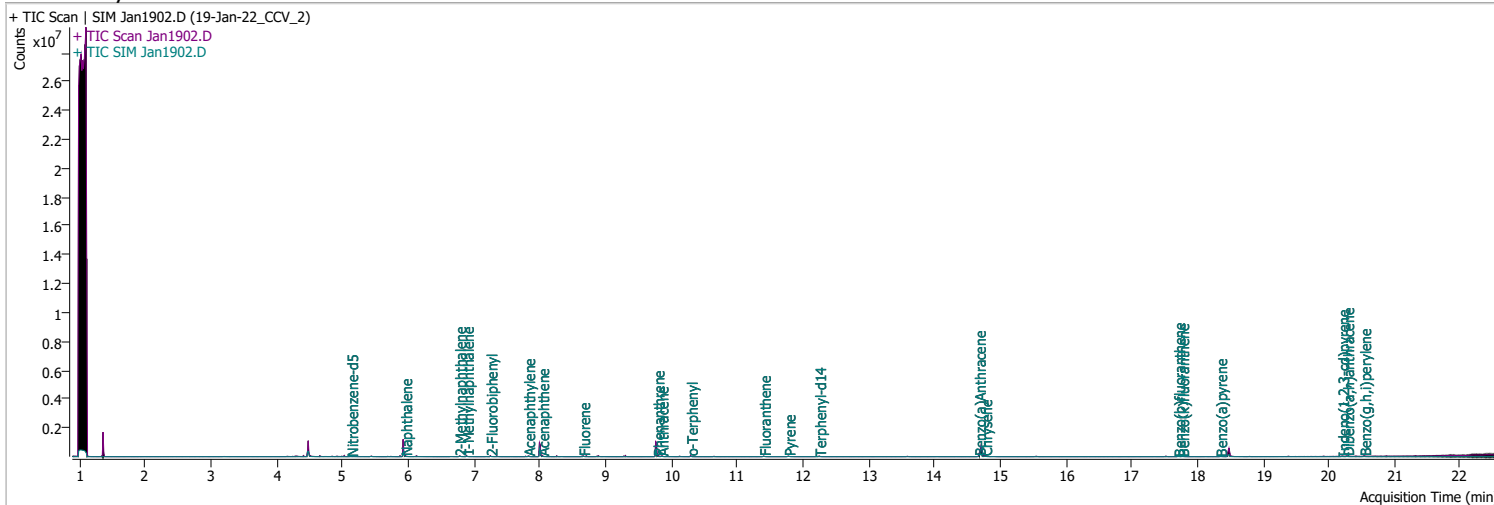


Compound Name	Expected RT	Observed RT	Tailing Factor	PGF	Pass/Fail
Pentachlorophenol	6.800	6.400	0.4	3.6	Pass
Benzidine	8.400	7.930	0.2	2.2	Pass

# Quantitation Results Report (QT Reviewed)

Data File	Jan1902.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/19/2022 11:11:38 AM
Sample Name	19-Jan-22_CCV_2	Instrument	GCMS
Vial	2	Multiplier	1.00
DA Method File	011822 bna SIM1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011922 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.484	152.0	185492	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.928	136.0	375962	40.0000	ng/ml	-0.012
M Acenaphthene-d10	8.001	164.0	198810	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	397562	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	281996	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	191153	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.131	82.0	8096	2.2519	ng/ml	-0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 45.04%		
S 2-Fluorobiphenyl	7.252	172.0	18325	1.9176	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 38.35%		
S o-Terphenyl	10.299	230.0	12302	1.9013	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 38.03%		*
S Terphenyl-d14	12.251	244.0	10675	2.0562	ng/ml	-0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 41.12%		
<b>Target Compounds</b>						
T Naphthalene	5.953	128.0	21018	1.6159	ng/ml	98
T 2-Methylnaphthalene	6.777	141.0	13313	1.8338	ng/ml	97
T 1-Methylnaphthalene	6.890	141.0	13927	1.8189	ng/ml	95
T Acenaphthylene	7.826	152.0	20577	1.6889	ng/ml	96
T Acenaphthene	8.038	154.0	13349	1.7127	ng/ml	94
T Fluorene	8.661	166.0	16916	1.8344	ng/ml	97
T Phenanthrene	9.793	178.0	24565	2.0020	ng/ml	92
T Anthracene	9.854	178.0	22209	2.0720	ng/ml	98
T Fluoranthene	11.411	202.0	24286	1.8012	ng/ml	100
T Pyrene	11.781	202.0	27883	1.9628	ng/ml	100
T Benzo(a)Anthracene	14.677	228.0	18574	2.0716	ng/ml	98
T Chrysene	14.776	228.0	23658	1.8330	ng/ml	97
T Benzo(b)fluoranthene	17.709	252.0	15797	1.8343	ng/ml	99

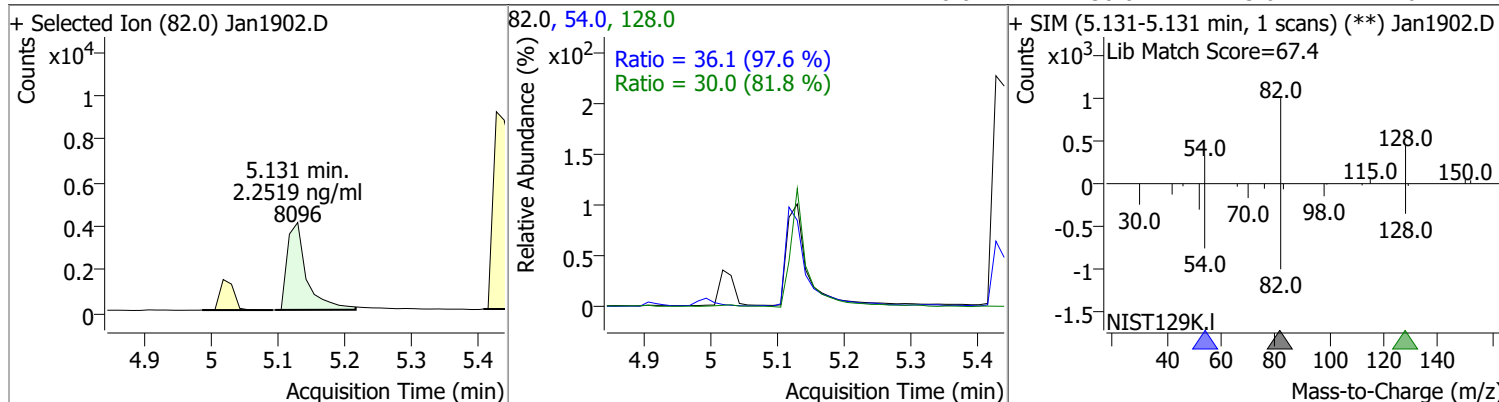
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	19310	1.9644	ng/ml	97
T Benzo(a)pyrene	18.351	252.0	13756	2.0954	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.204	276.0	12332	1.9731	ng/ml	99
T Dibenzo(a,h)anthracene	20.279	278.0	13666	1.7895	ng/ml	98
T Benzo(g,h,i)perylene	20.538	276.0	17542	1.9293	ng/ml	96

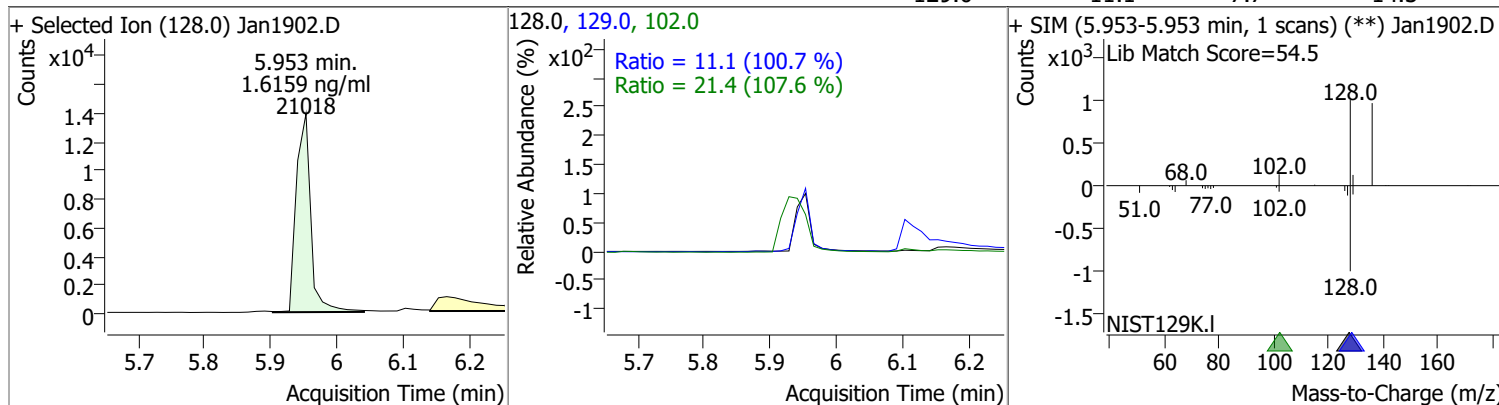
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

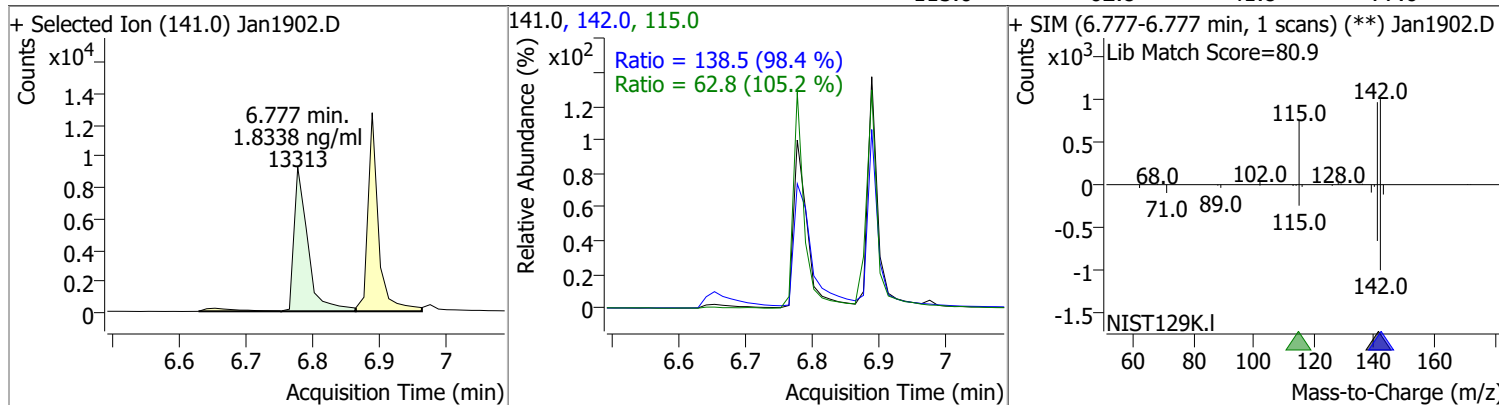
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	2.2519	5.13	-0.01	8096	54.0	36.1	25.9	48.1
					128.0	30.0	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	1.6159	5.95	0.00	21018	102.0	21.4	0.0	59.6
					129.0	11.1	7.7	14.3

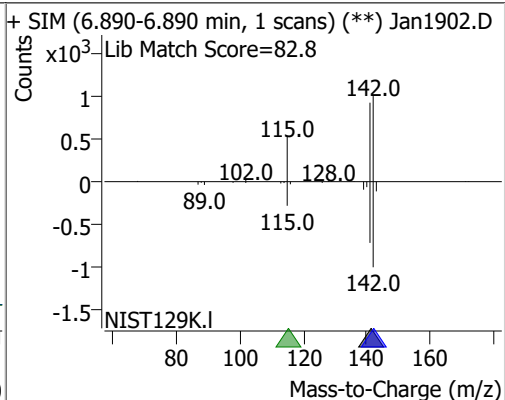
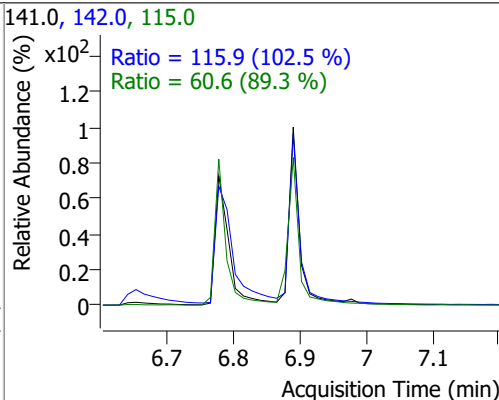
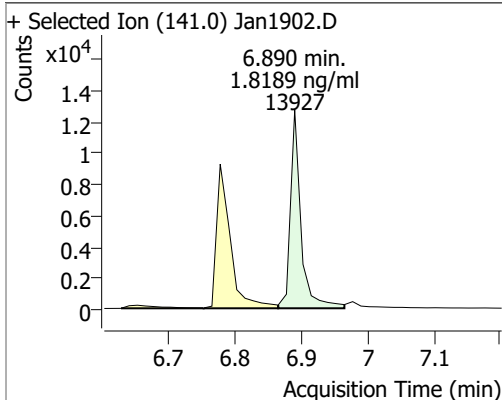


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	1.8338	6.78	-0.01	13313	142.0	138.5	98.5	183.0
					115.0	62.8	41.8	77.6

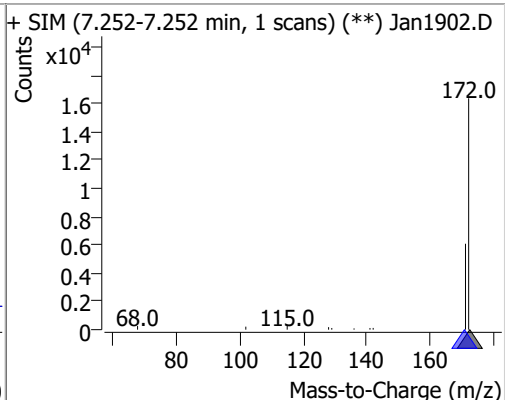
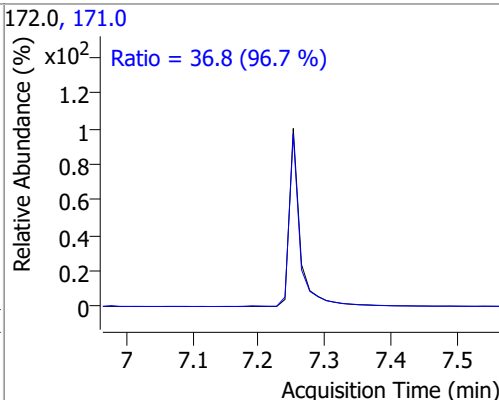
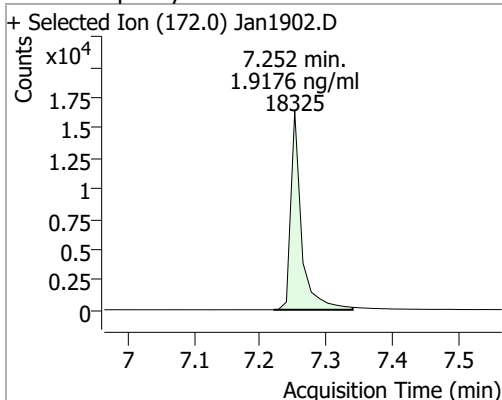


# Quantitation Results Report (QT Reviewed)

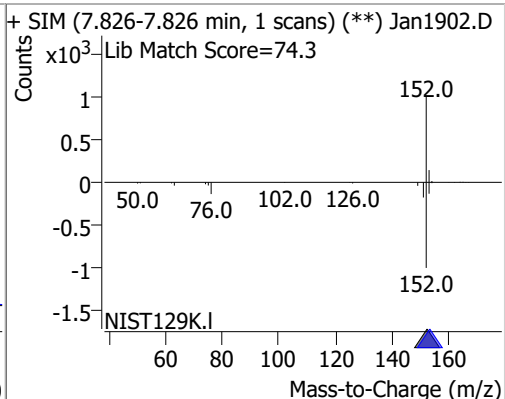
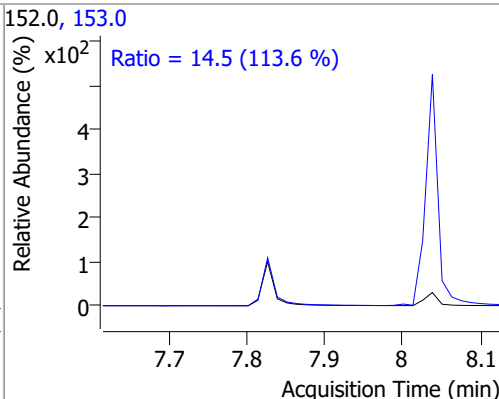
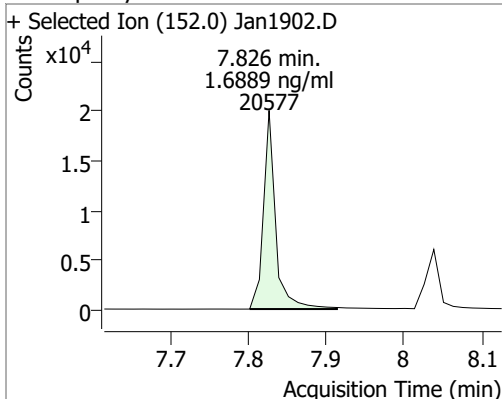
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	1.8189	6.89	-0.01	13927	142.0	115.9	79.2	147.1
					115.0	60.6	47.5	88.2



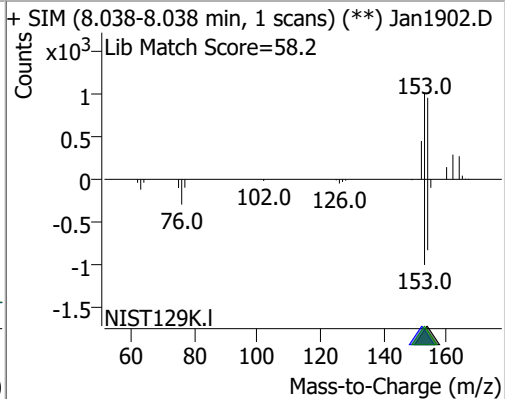
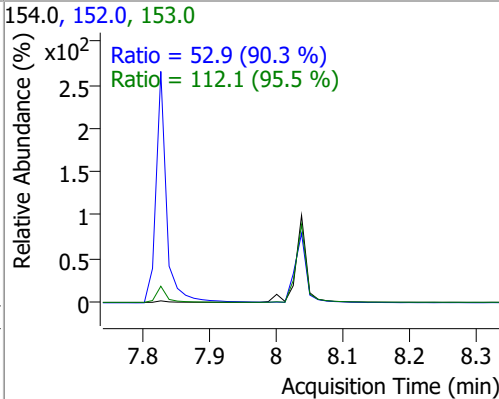
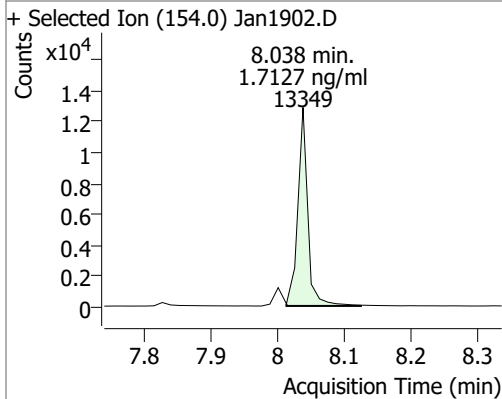
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	1.9176	7.25	-0.01	18325	171.0	36.8	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	1.6889	7.83	0.00	20577	153.0	14.5	9.0	16.6

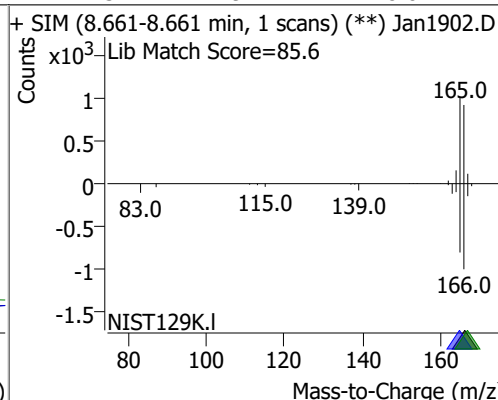
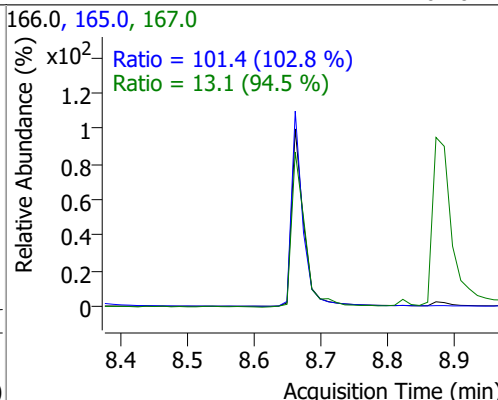
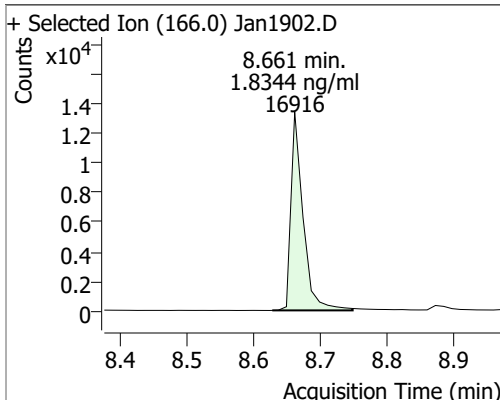


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	1.7127	8.04	0.00	13349	153.0	112.1	82.1	152.6
					152.0	52.9	41.0	76.1

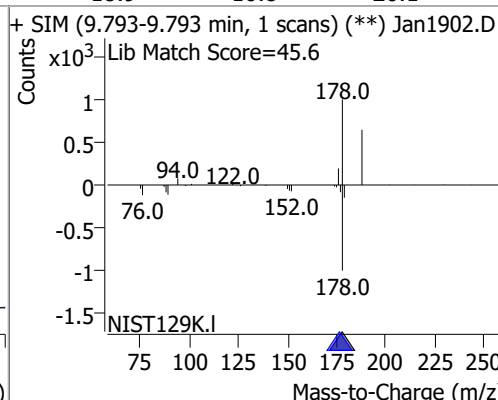
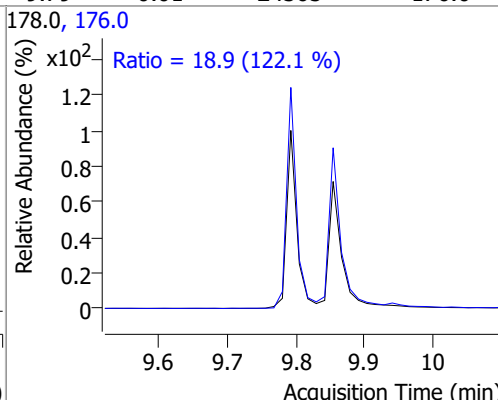
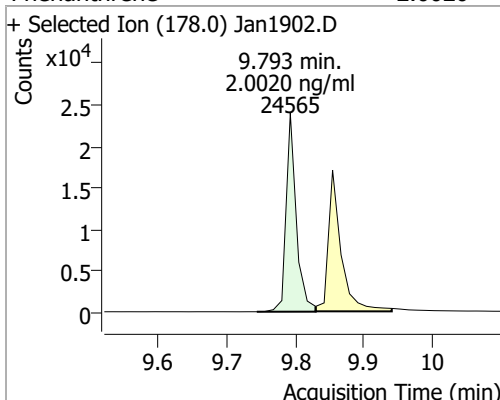


# Quantitation Results Report (QT Reviewed)

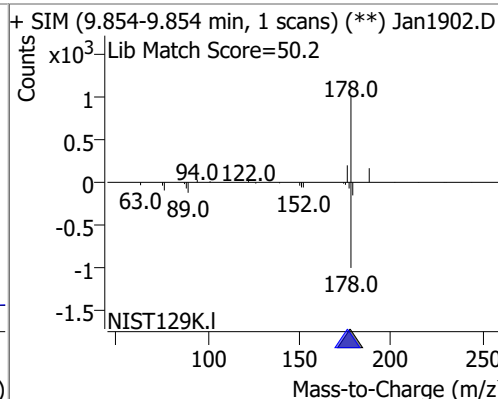
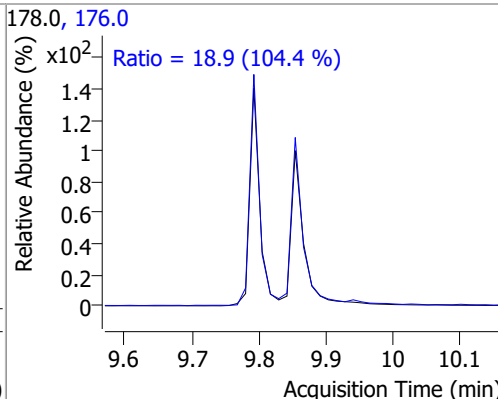
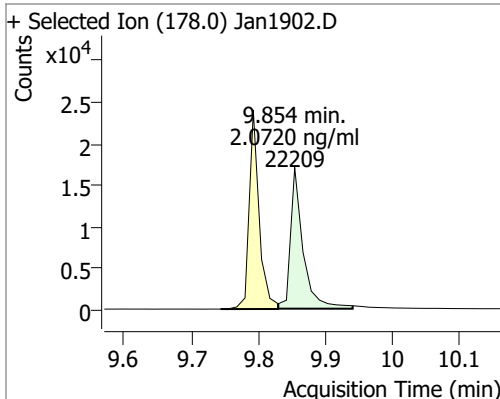
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	1.8344	8.66	-0.01	16916	165.0	101.4	69.1	128.3
					167.0	13.1	9.7	18.0



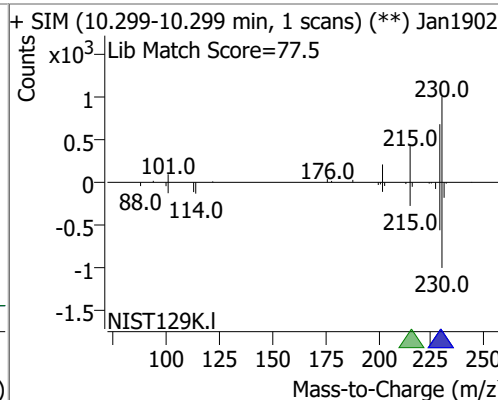
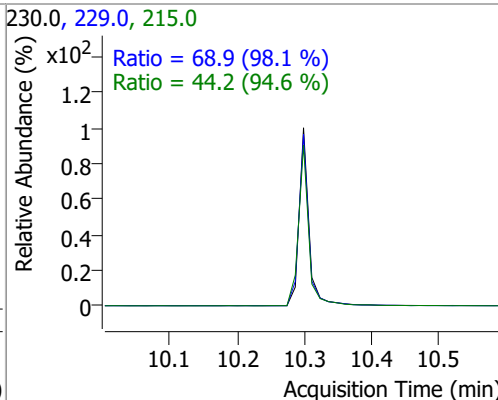
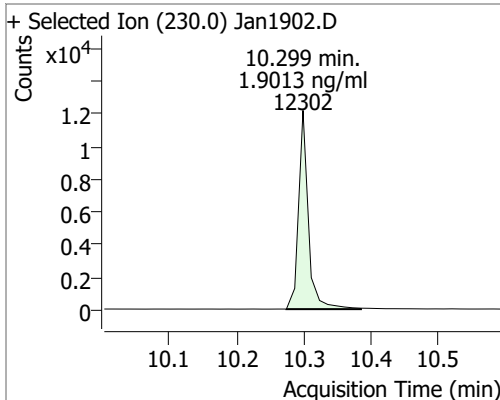
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	2.0020	9.79	-0.01	24565	176.0	18.9	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	2.0720	9.85	-0.01	22209	176.0	18.9	12.7	23.5

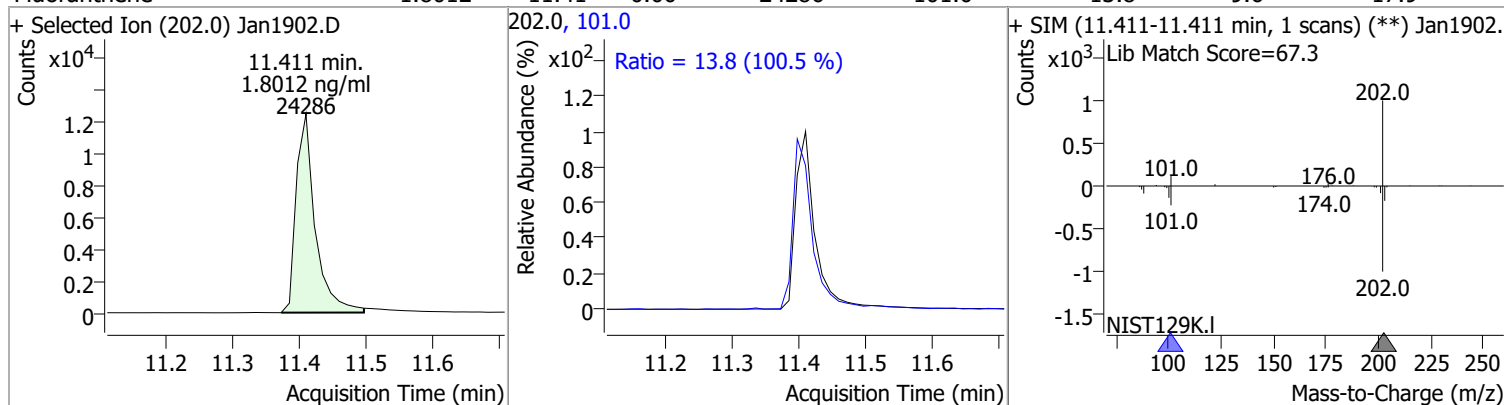


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	1.9013	10.30	0.00	12302	229.0	68.9	49.2	91.3
					215.0	44.2	32.7	60.7

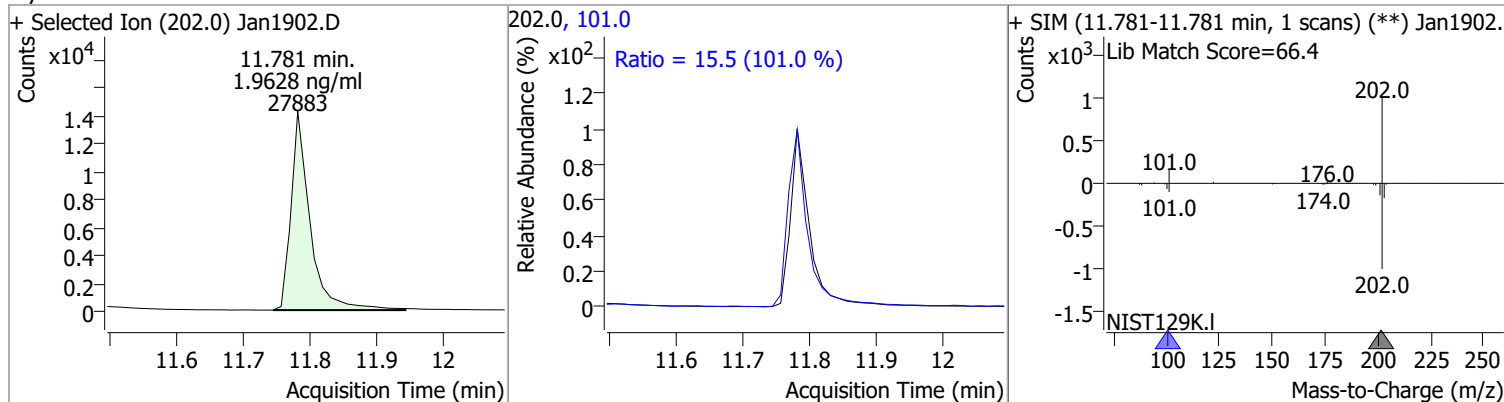


# Quantitation Results Report (QT Reviewed)

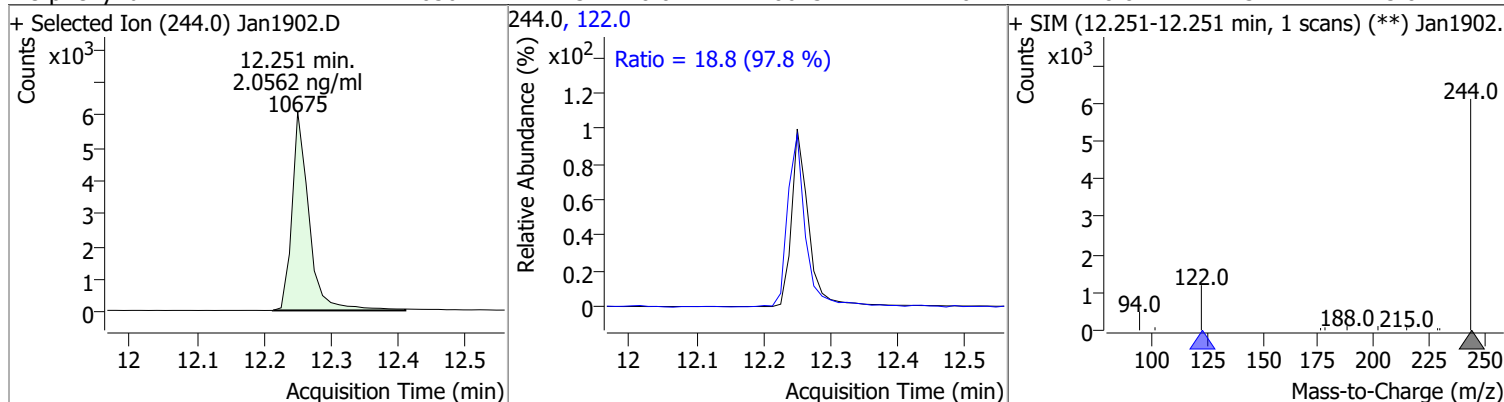
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	1.8012	11.41	0.00	24286	101.0	13.8	9.6	17.9



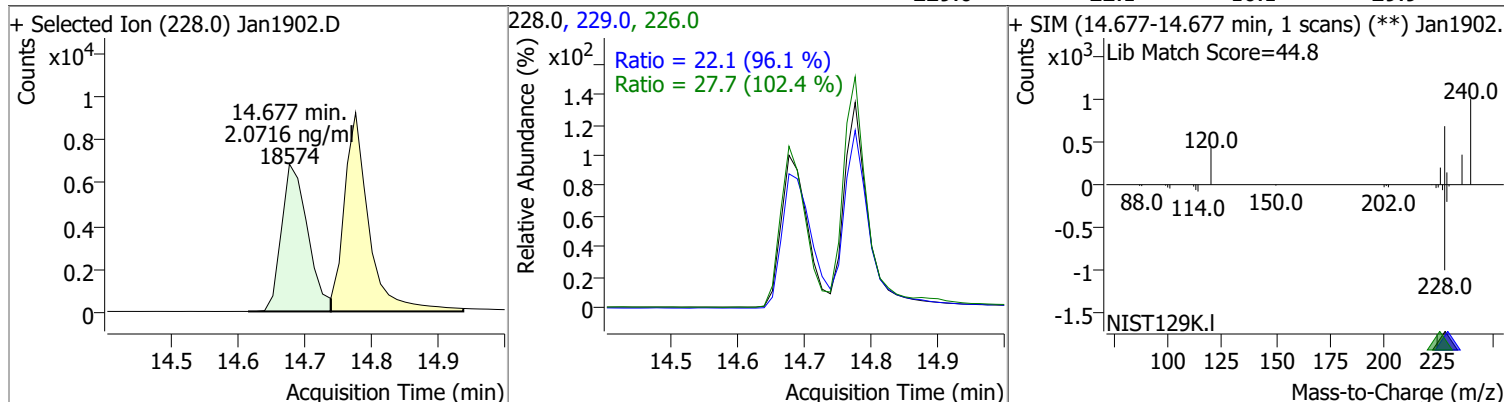
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	1.9628	11.78	-0.01	27883	101.0	15.5	10.7	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	2.0562	12.25	-0.01	10675	122.0	18.8	13.4	25.0



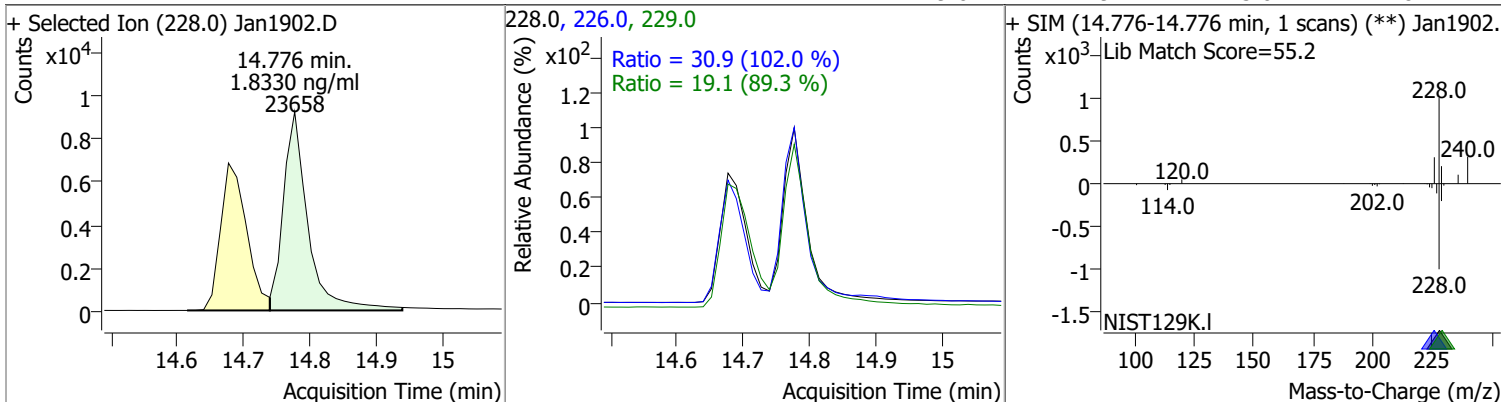
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	2.0716	14.68	-0.02	18574	226.0	27.7	18.9	35.1
					229.0	22.1	16.1	29.9



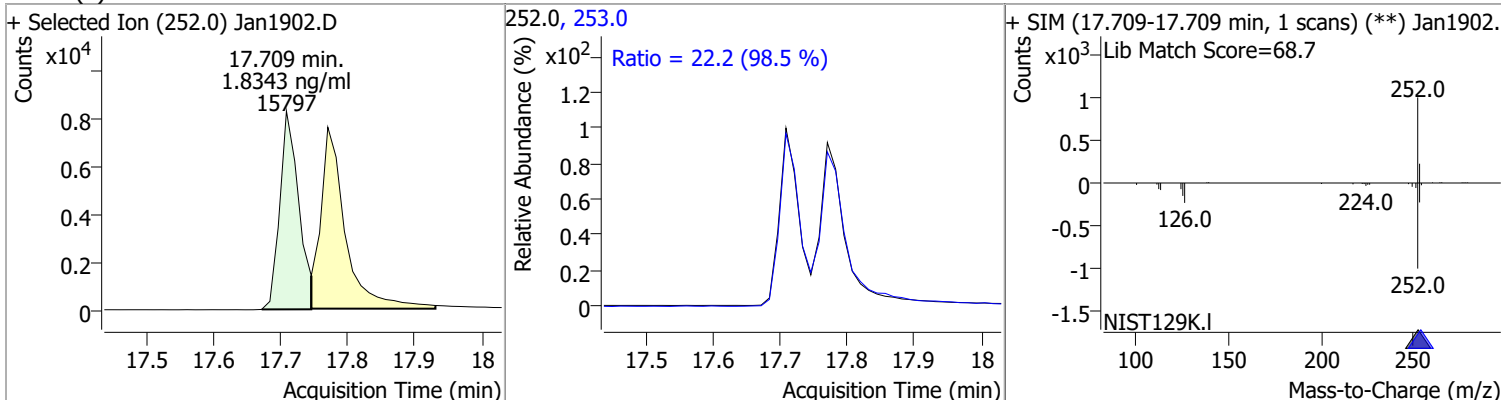


# Quantitation Results Report (QT Reviewed)

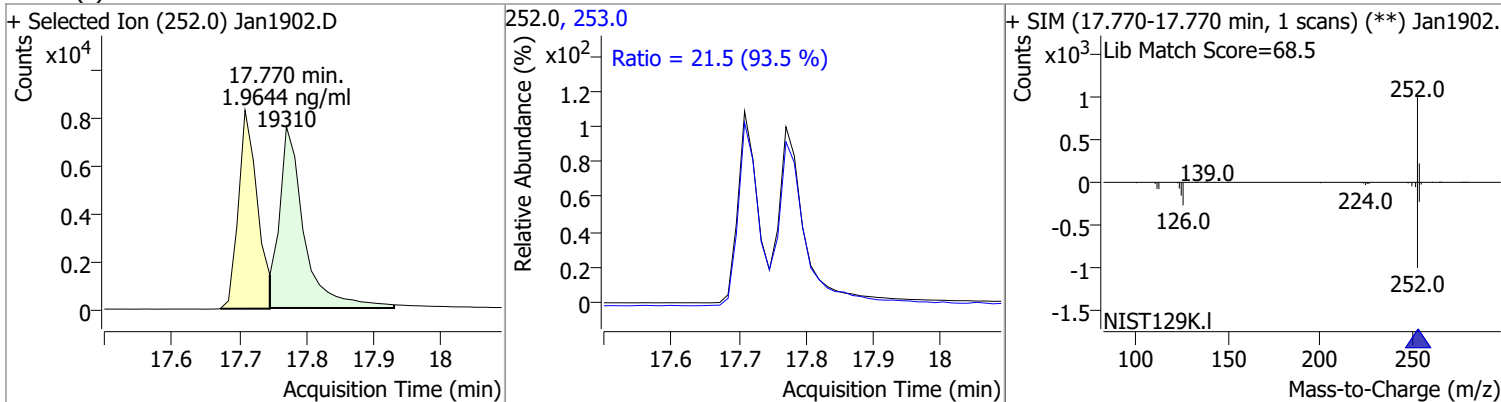
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	1.8330	14.78	-0.01	23658	226.0	30.9	21.2	39.4
					229.0	19.1	15.0	27.8



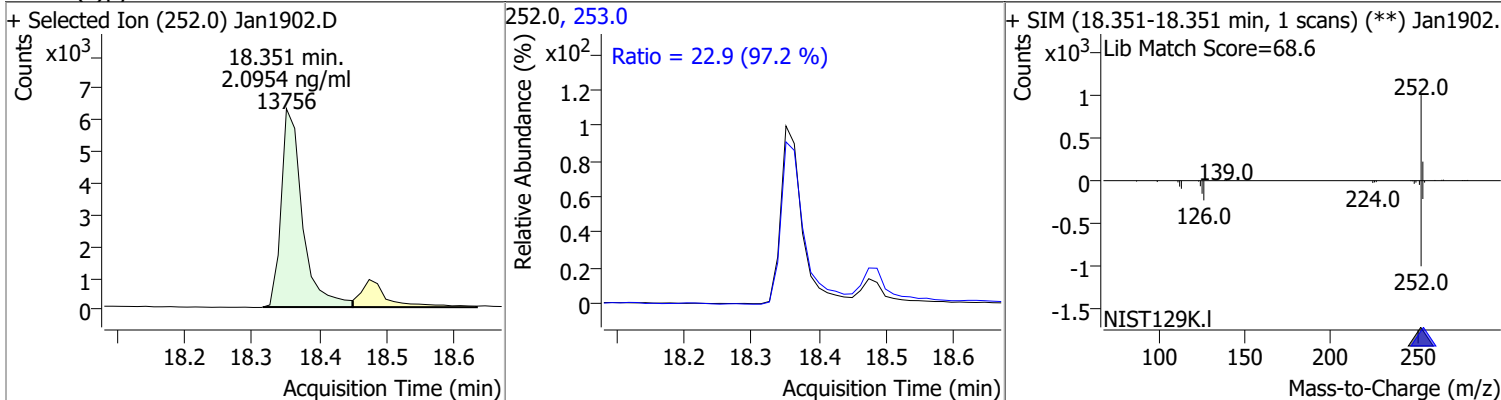
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	1.8343	17.71	-0.02	15797	253.0	22.2	15.8	29.4



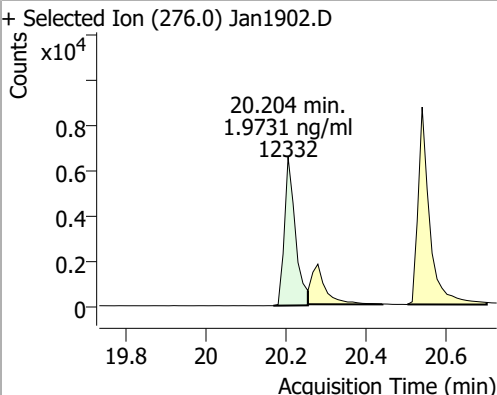
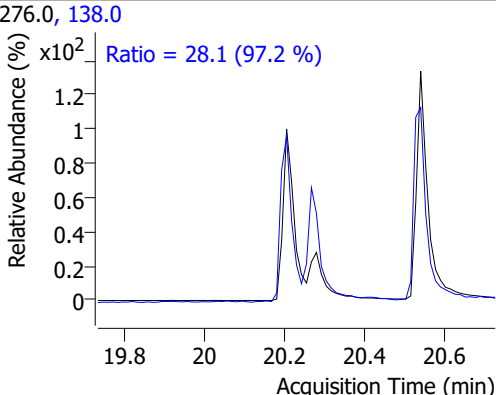
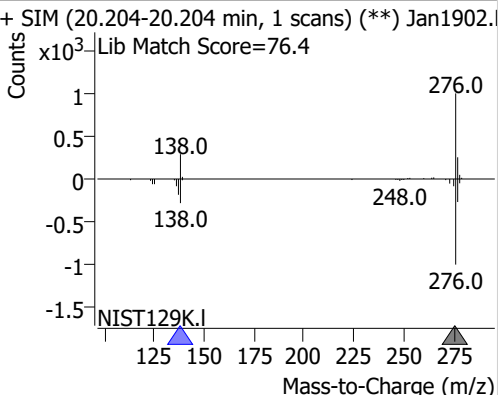
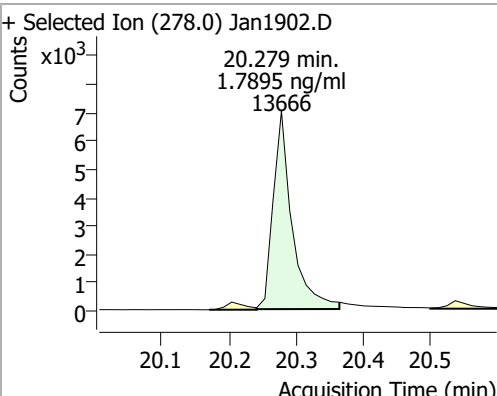
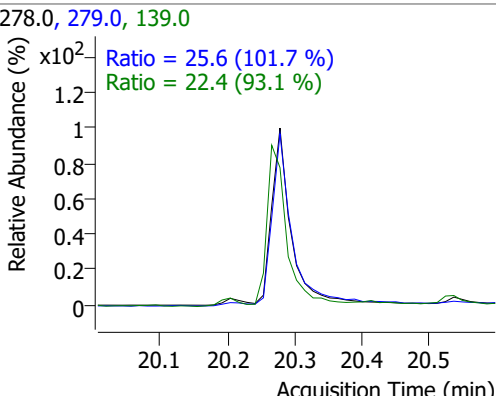
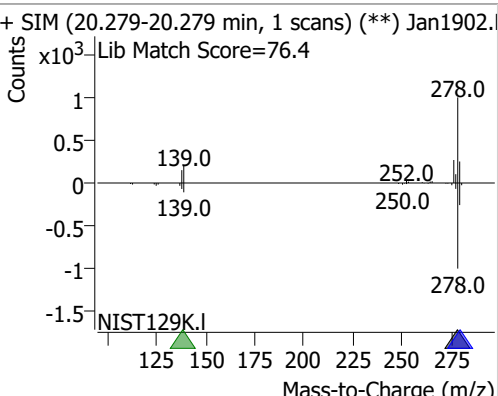
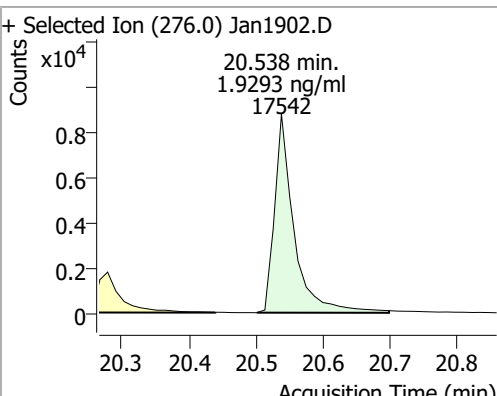
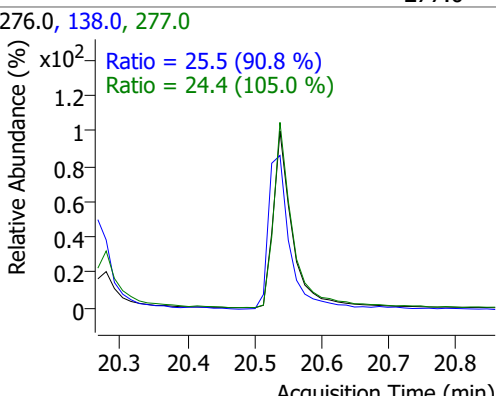
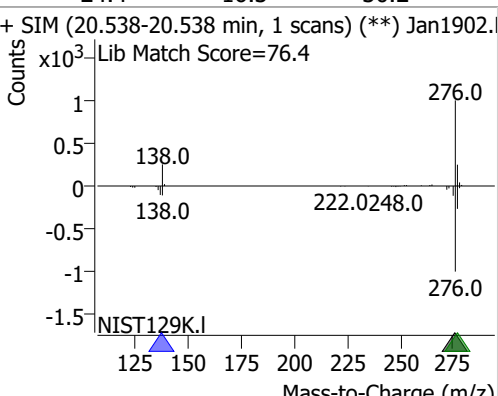
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	1.9644	17.77	-0.02	19310	253.0	21.5	16.1	29.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	2.0954	18.35	-0.02	13756	253.0	22.9	16.5	30.6



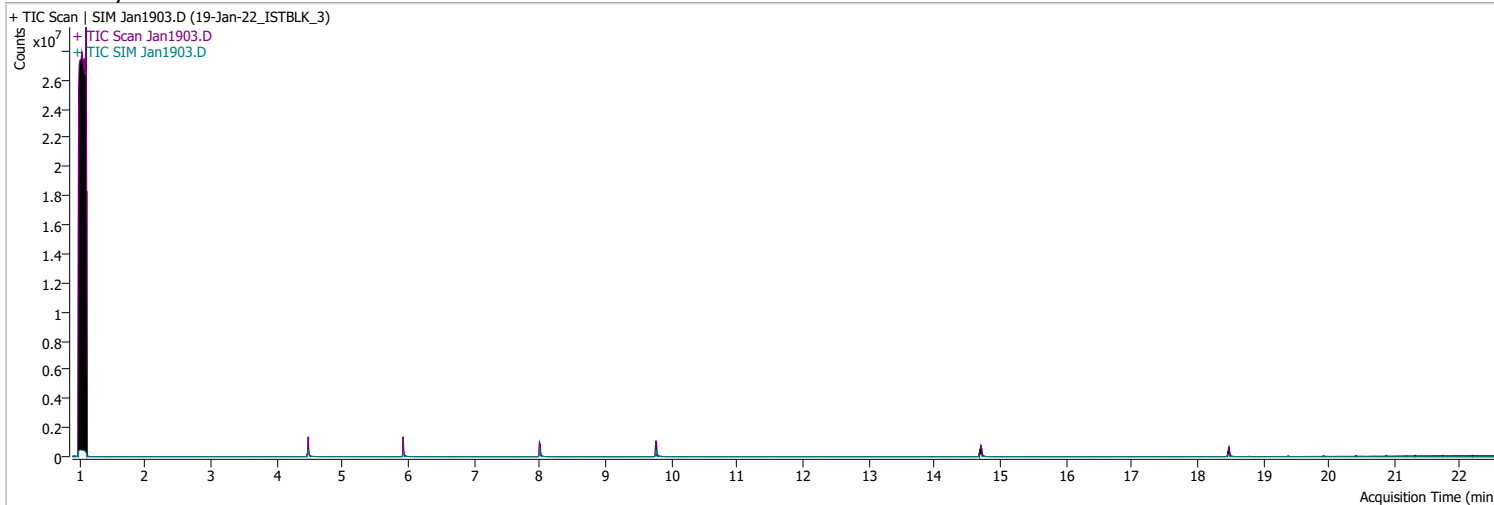
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	1.9731	20.20	-0.02	12332	138.0	28.1	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1902.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 28.1 (97.2 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan1902.D</p> <p>Lib Match Score=76.4</p>  </div> </div>								
Dibenzo(a,h)anthracene	1.7895	20.28	-0.02	13666	279.0	25.6	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan1902.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 25.6 (101.7 %)</p> <p>Ratio = 22.4 (93.1 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.279-20.279 min, 1 scans) (**) Jan1902.D</p> <p>Lib Match Score=76.4</p>  </div> </div>								
Benzo(g,h,i)perylene	1.9293	20.54	-0.02	17542	138.0	25.5	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1902.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 25.5 (90.8 %)</p> <p>Ratio = 24.4 (105.0 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan1902.D</p> <p>Lib Match Score=76.4</p>  </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan1903.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/19/2022 11:43:48 AM
Sample Name	19-Jan-22_ISTBLK_3	Instrument	GCMS
Vial	3	Multiplier	1.00
DA Method File	011822 bna SIM1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011922 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.484	152.0	215285	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.928	136.0	404582	40.0000	ng/ml	-0.012
M Acenaphthene-d10	8.001	164.0	218380	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	424270	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	313563	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	216045	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = NA%		
S 2-Fluorobiphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = NA%		
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = NA%		
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		<b>QValue</b>
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.038	154.0	0		ng/ml md	1
T Fluorene	0.000		0	N.D.		
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.714	228.0	0		ng/ml md	1
T Chrysene	14.776	228.0	0		ng/ml md	1
T Benzo(b)fluoranthene	0.000		0	N.D.		

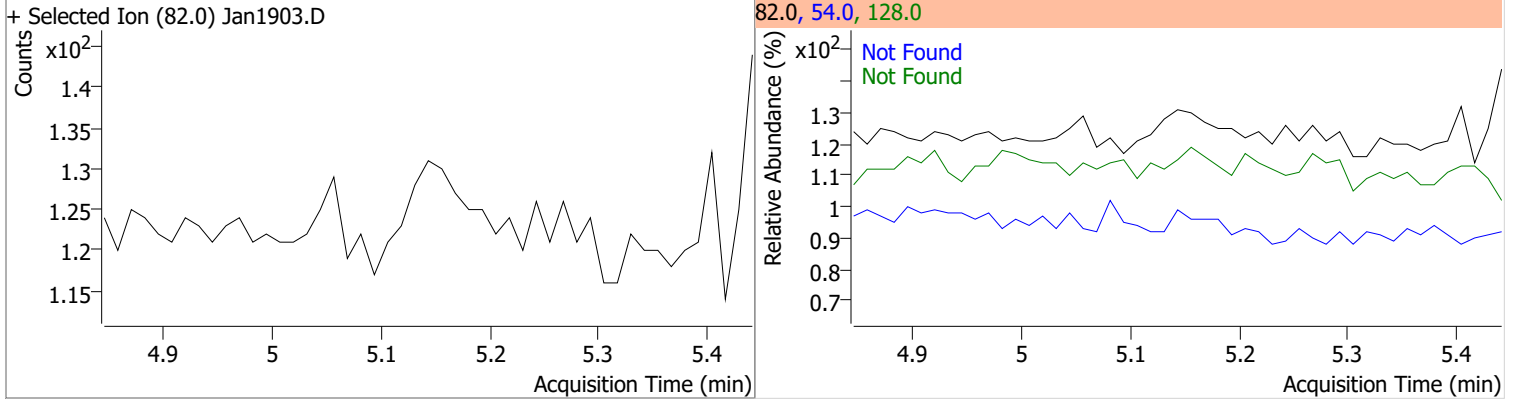
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.363	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

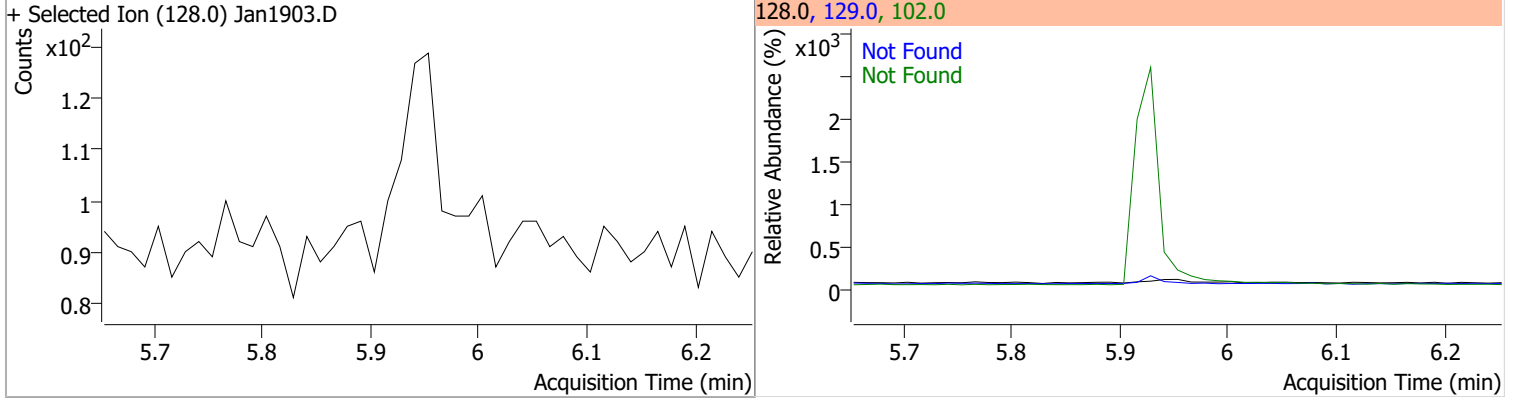
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

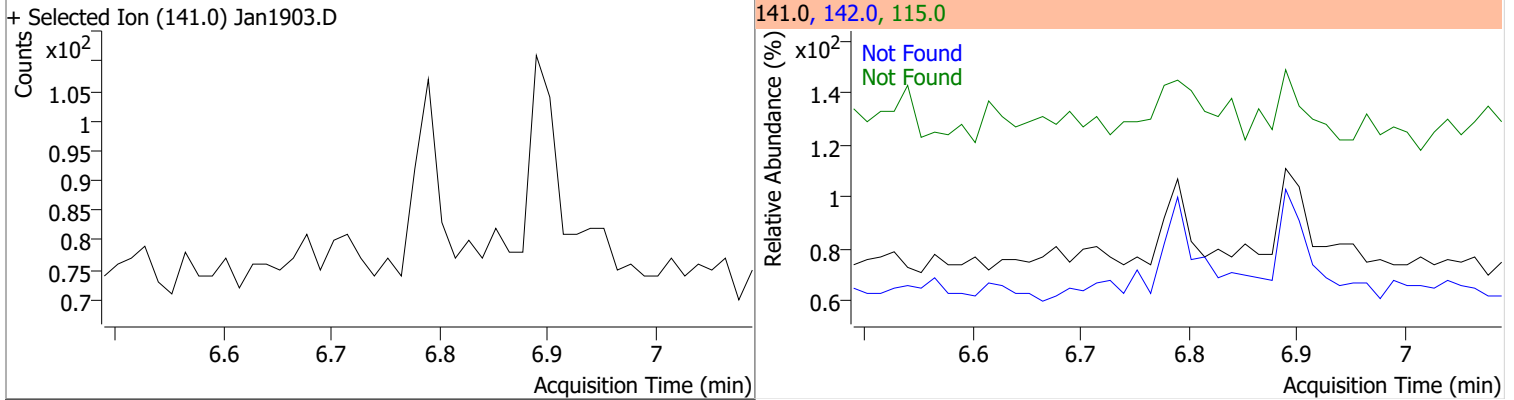
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Nitrobenzene-d5	N.D.	5.14	54.0	37.0	128.0	36.6



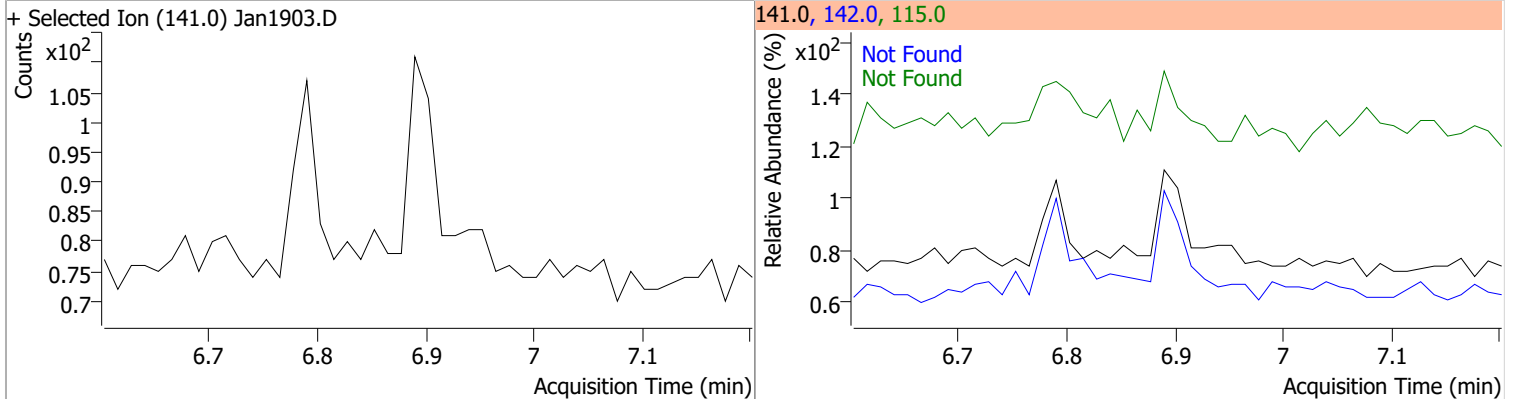
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7

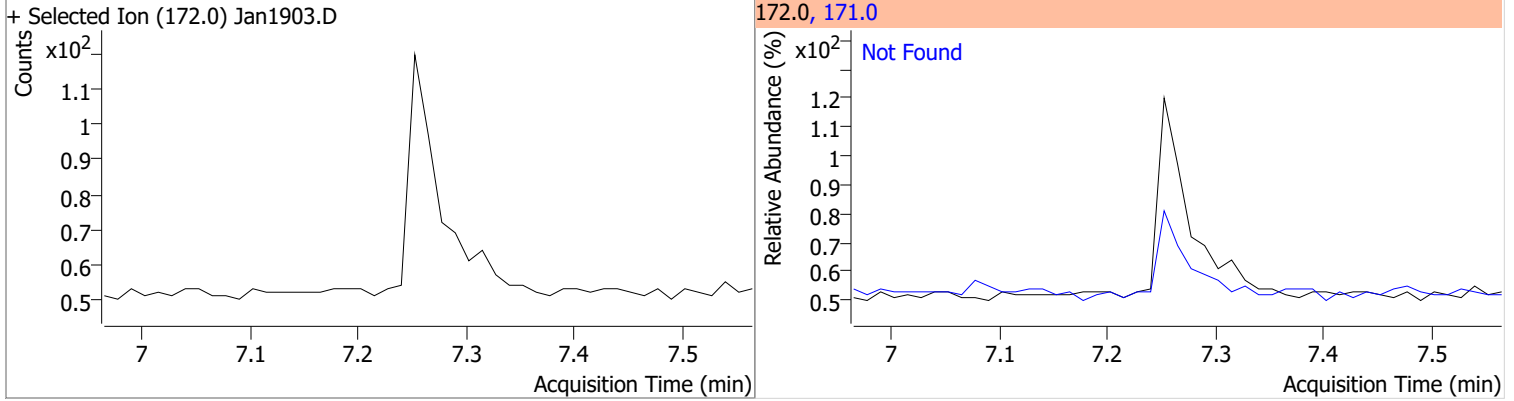


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

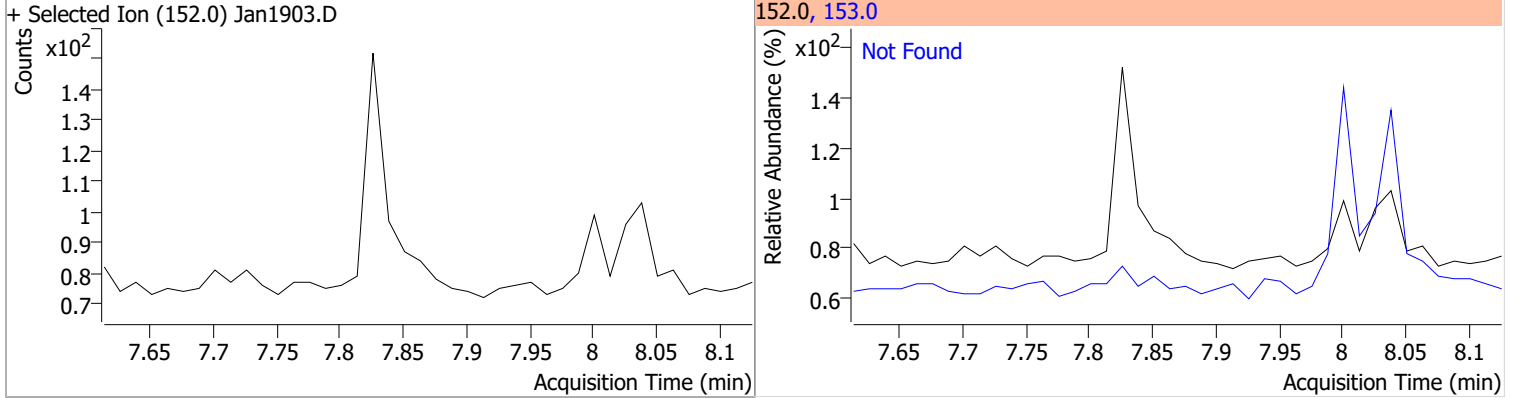


# Quantitation Results Report (QT Reviewed)

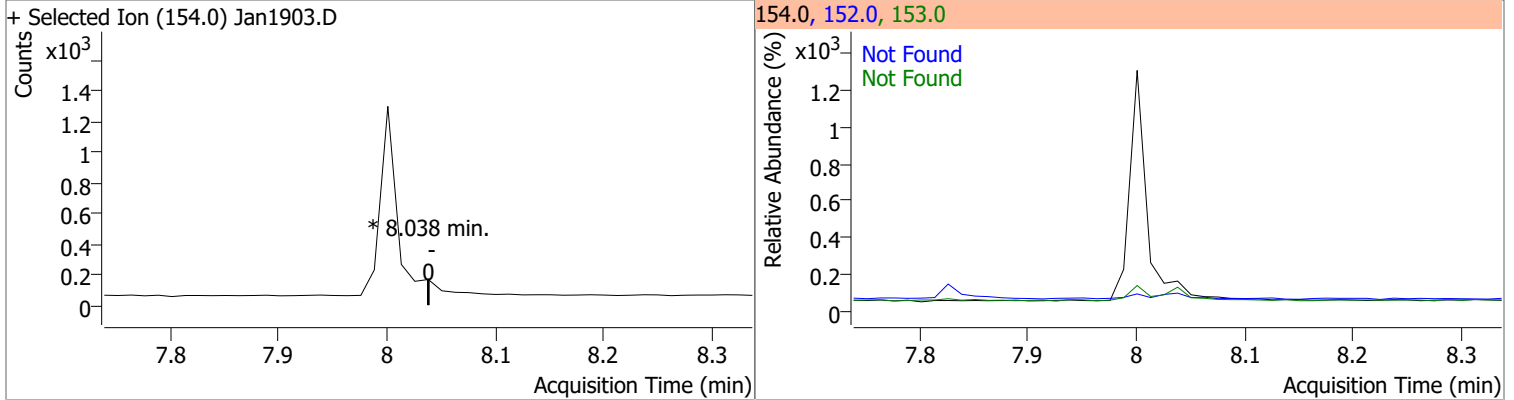
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Fluorobiphenyl	N.D.	7.26	171.0	38.0



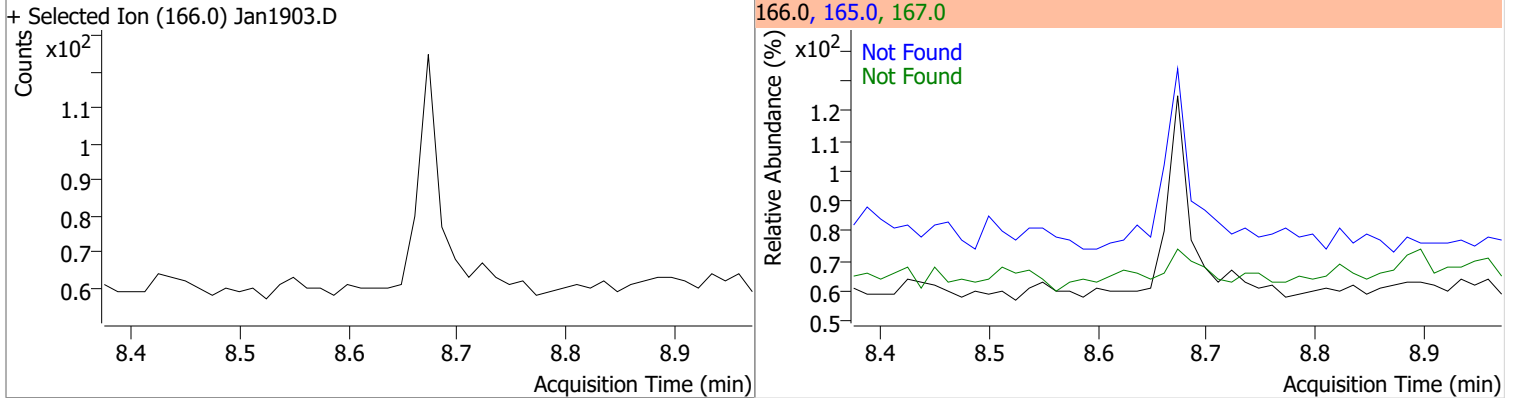
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



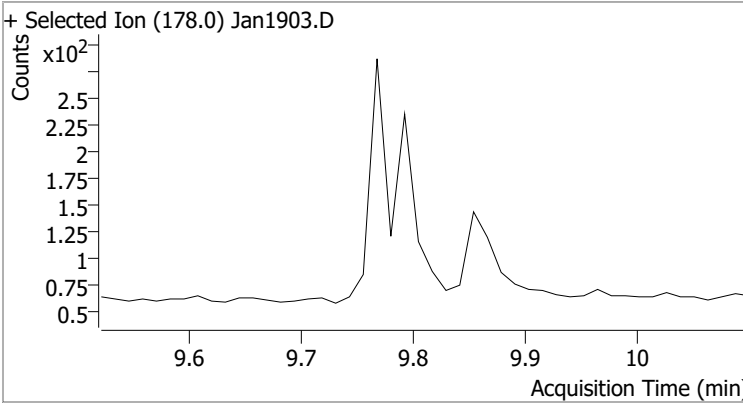
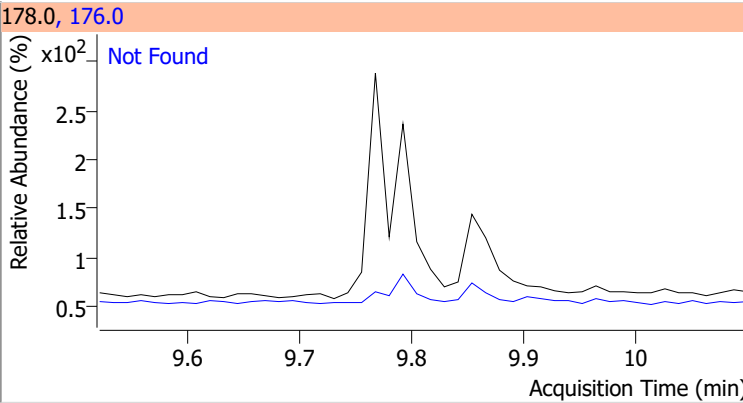
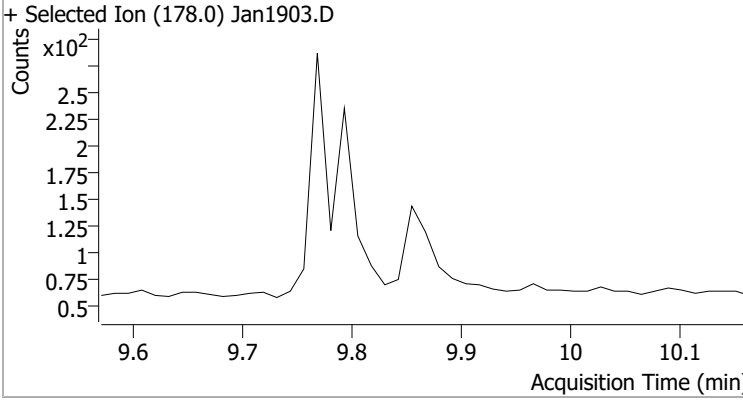
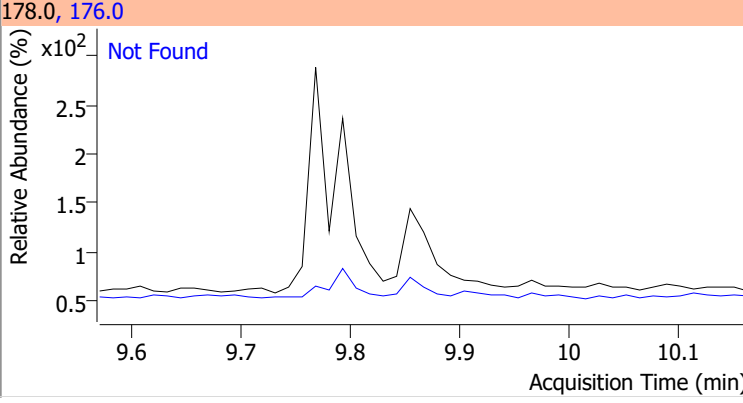
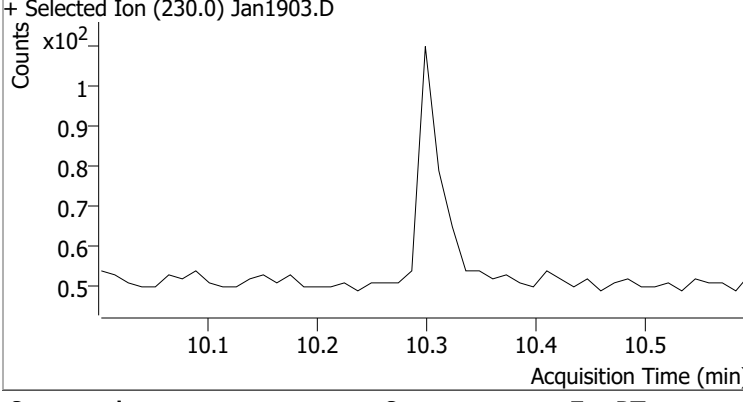
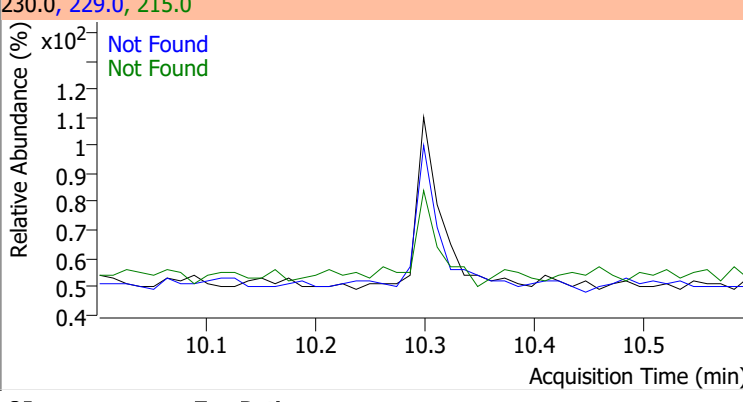
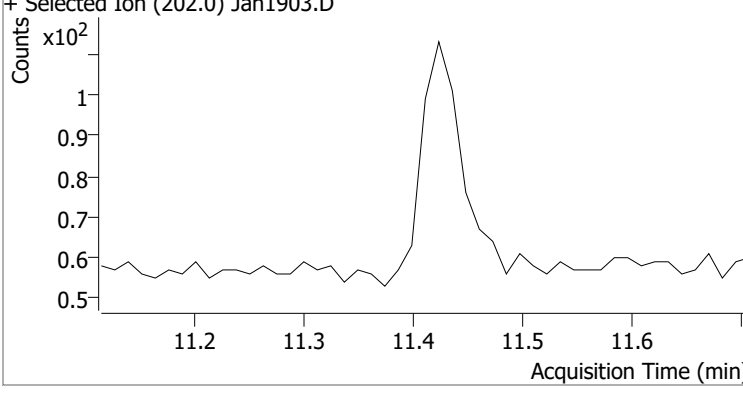
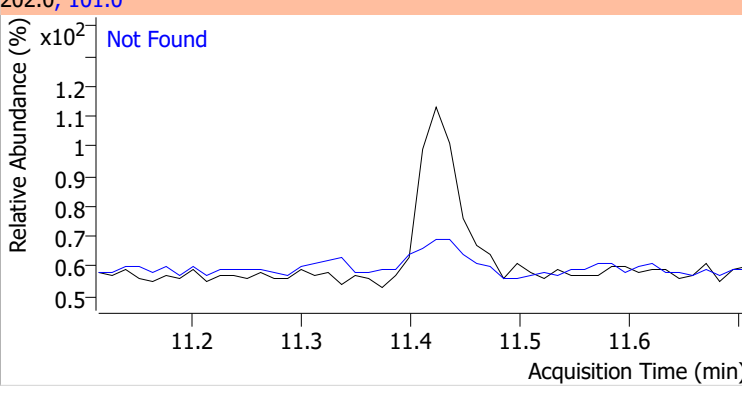
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1



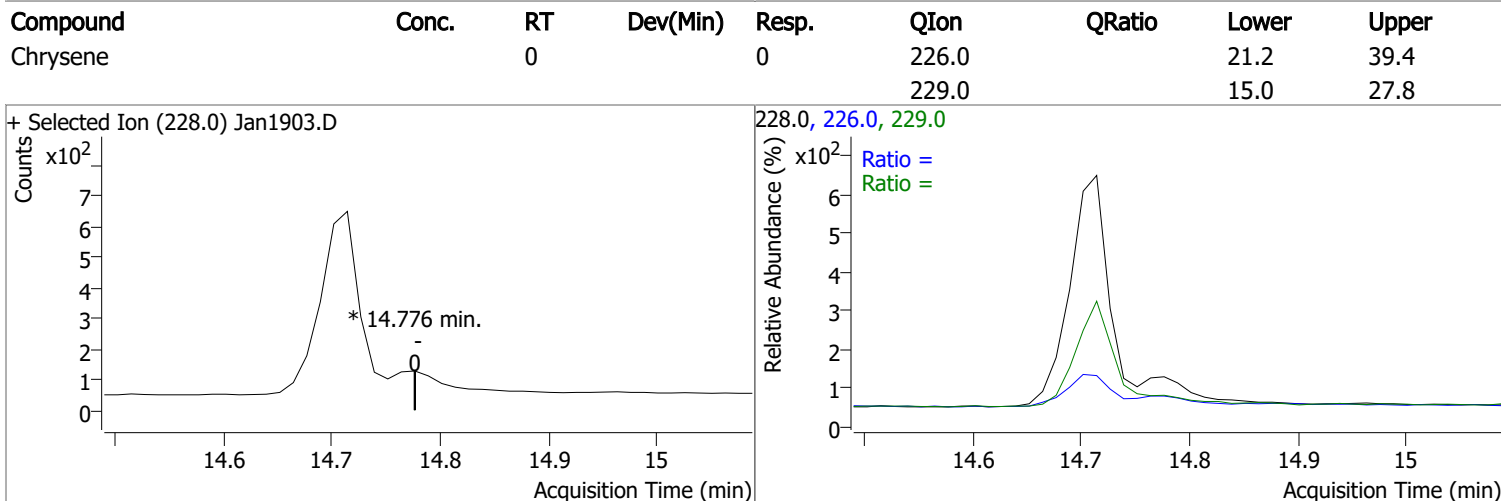
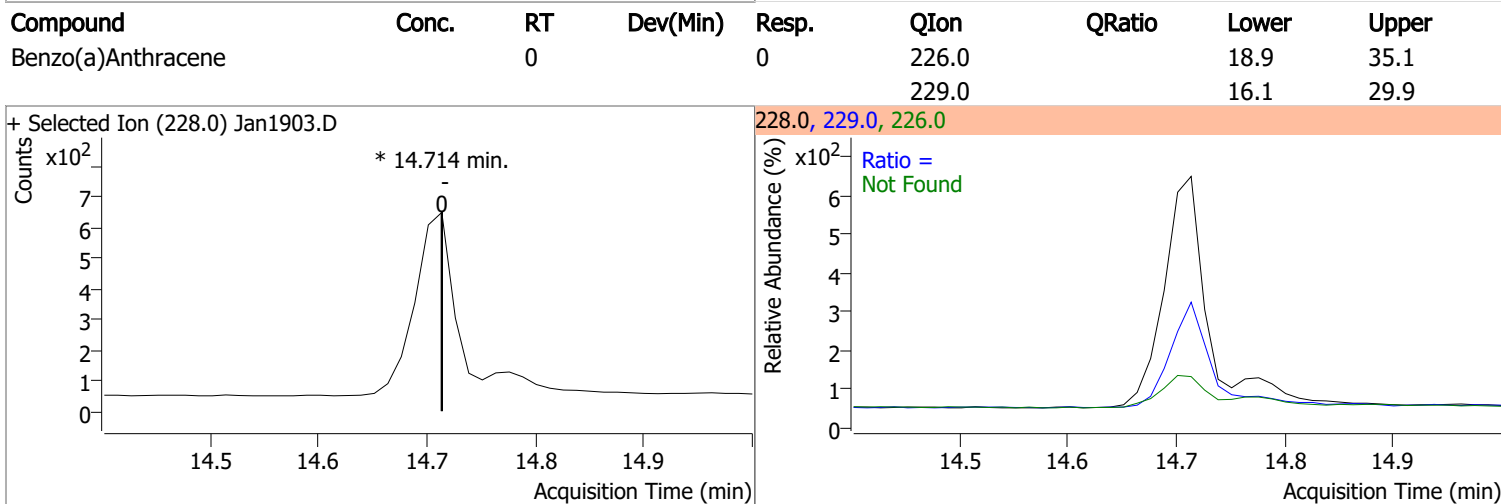
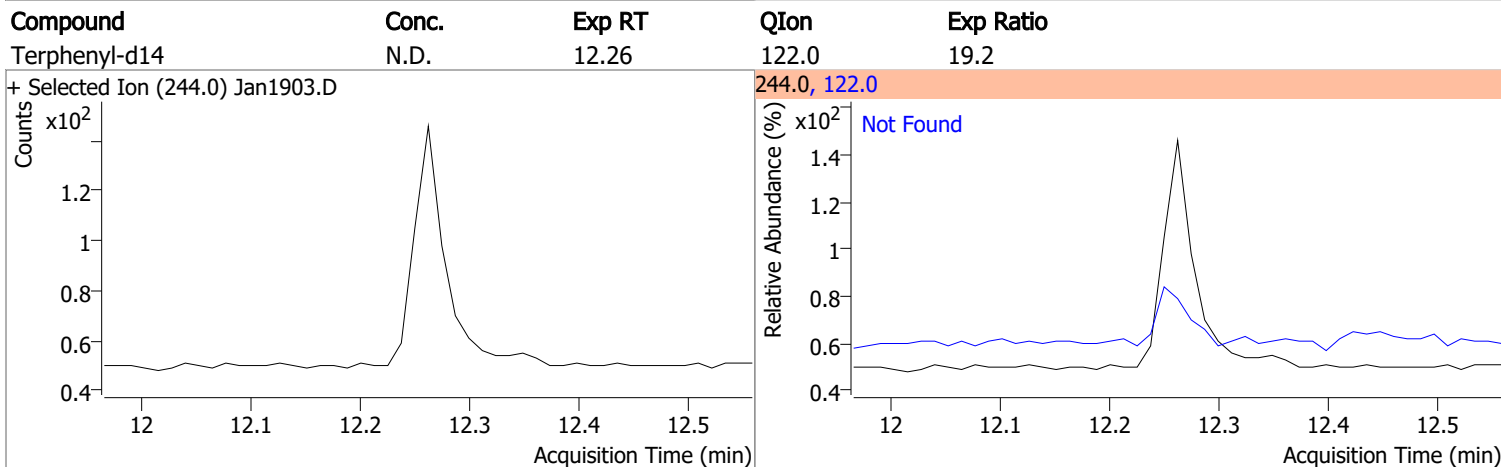
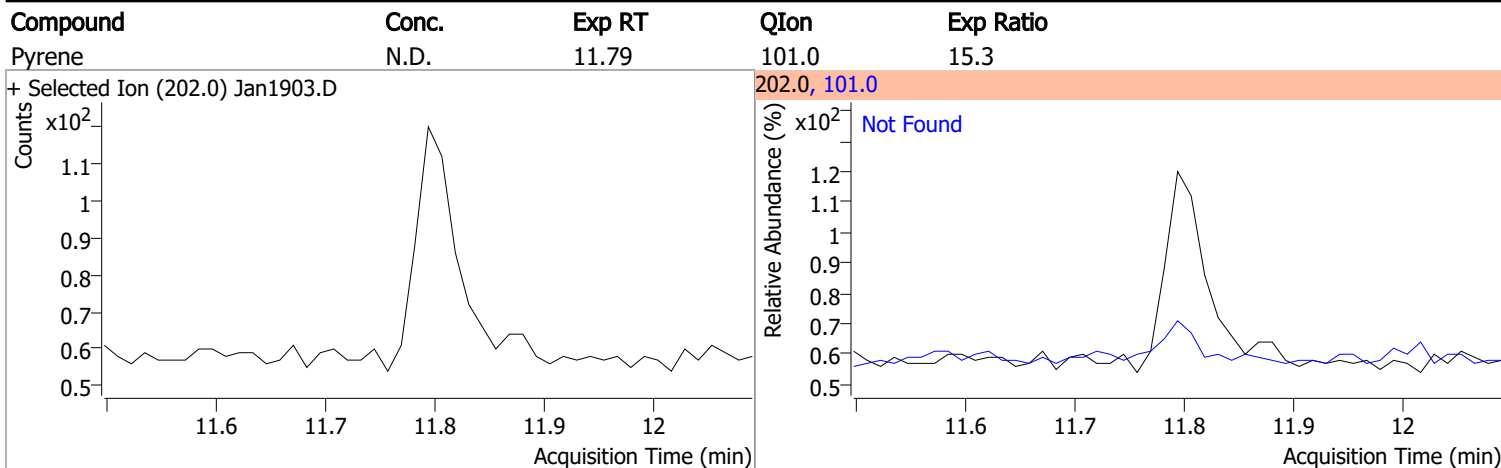
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Fluorene	N.D.	8.67	165.0	98.7	167.0	13.8



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio		
Phenanthrene	N.D.	9.80	176.0	15.5		
+ Selected Ion (178.0) Jan1903.D 			178.0, 176.0 			
Anthracene	N.D.	9.87	176.0	18.1		
+ Selected Ion (178.0) Jan1903.D 			178.0, 176.0 			
o-Terphenyl	N.D.	10.30	229.0	70.2	QIon	Exp Ratio
			215.0	46.7		
+ Selected Ion (230.0) Jan1903.D 			230.0, 229.0, 215.0 			
Fluoranthene	N.D.	11.41	101.0	13.8		
+ Selected Ion (202.0) Jan1903.D 			202.0, 101.0 			

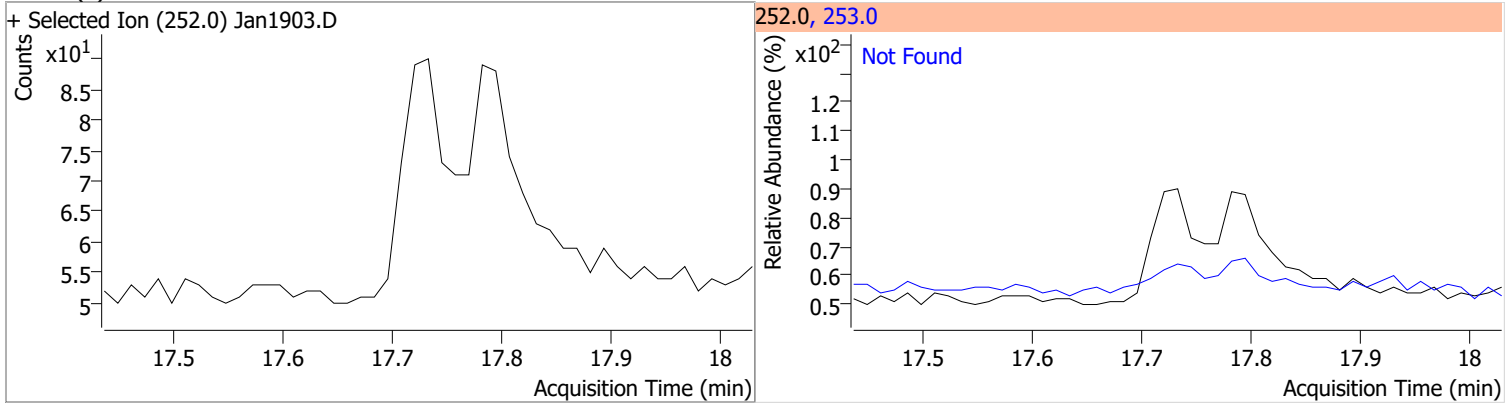
# Quantitation Results Report (QT Reviewed)



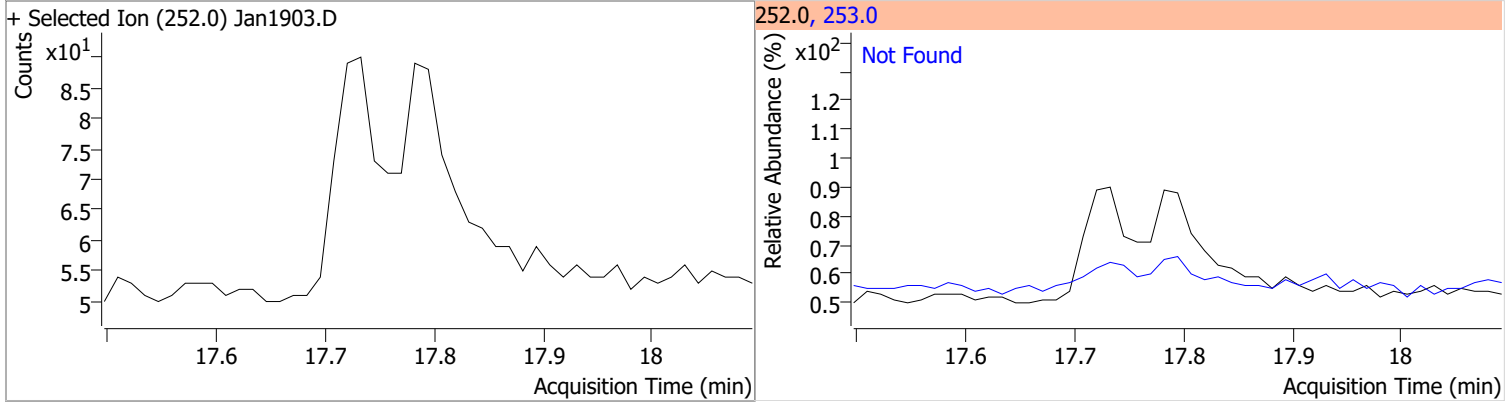


# Quantitation Results Report (QT Reviewed)

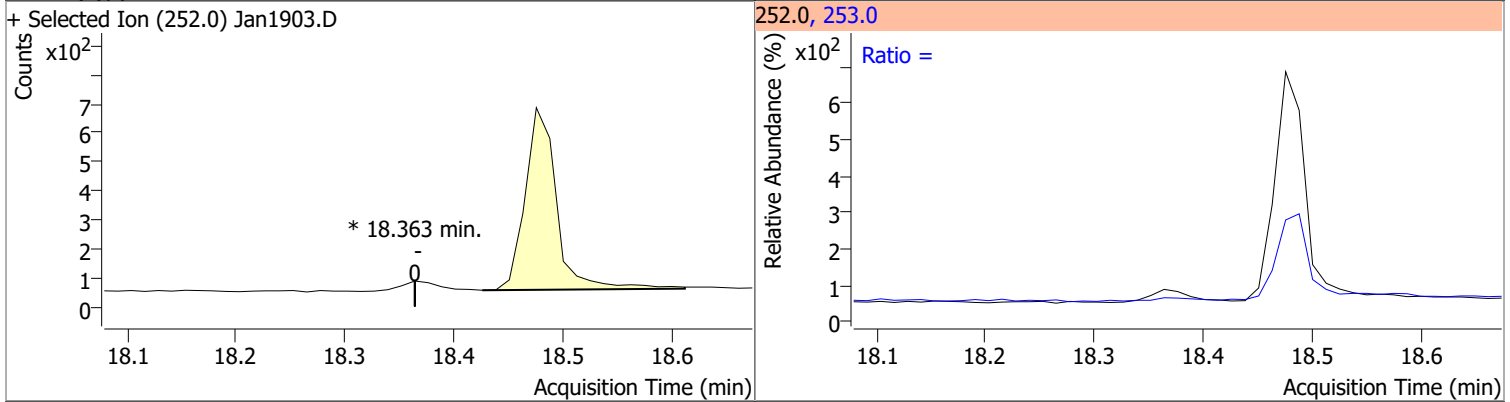
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



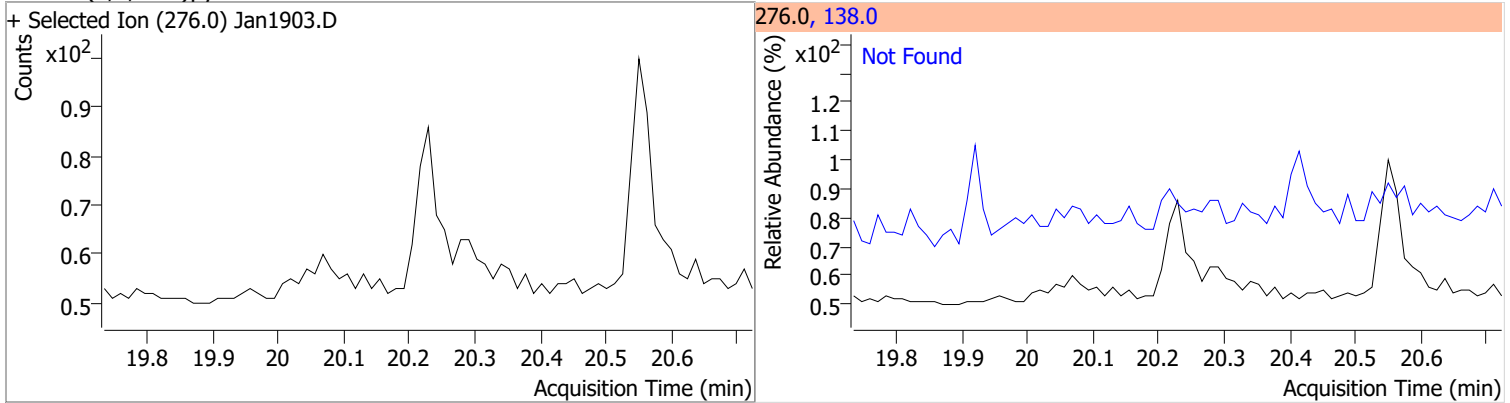
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6

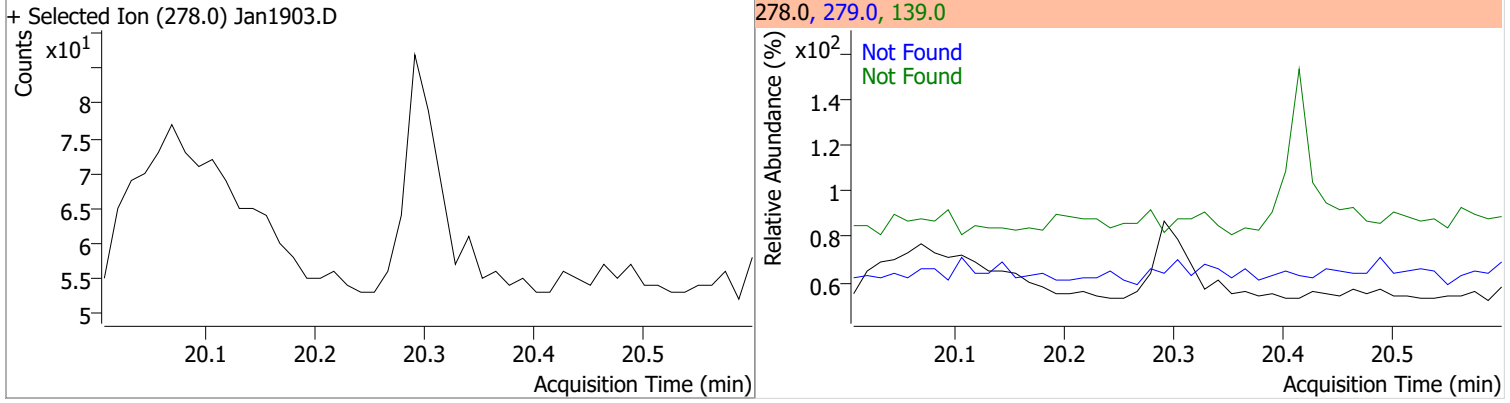


Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9

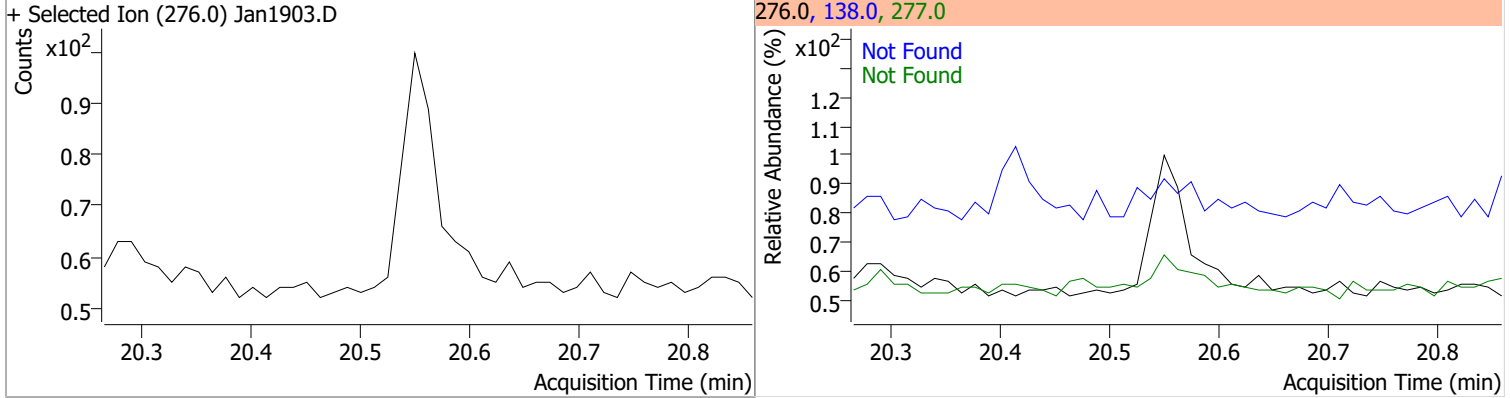


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



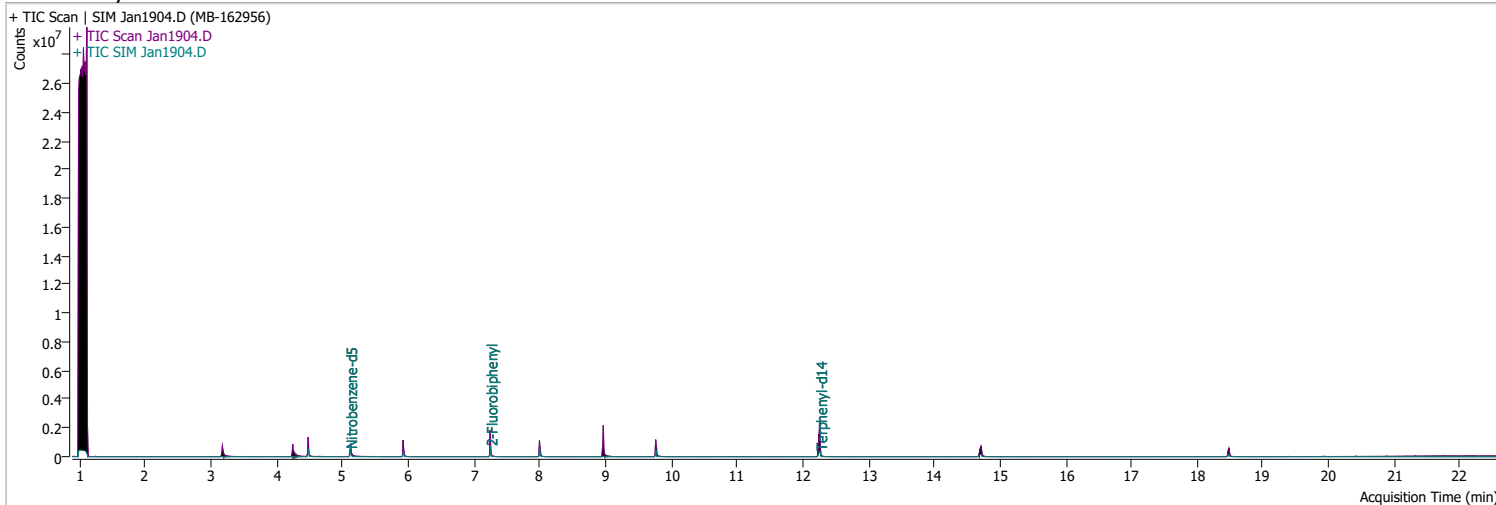
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3



# Quantitation Results Report (QT Reviewed)

Data File	Jan1904.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/19/2022 12:16:11 PM
Sample Name	MB-162956	Instrument	GCMS
Vial	4	Multiplier	1.00
DA Method File	011822 bna SIM1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011922 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.485	152.0	198119	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.928	136.0	353114	40.0000	ng/ml	-0.012
M Acenaphthene-d10	8.001	164.0	200411	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	396108	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	271180	40.0000	ng/ml	-0.012
M Perylene-d12	18.475	264.0	182609	40.0000	ng/ml	-0.024
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	402893	37.4143	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 748.29%		*
S 2-Fluorobiphenyl	7.252	172.0	482302	50.0670	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1001.34%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.263	244.0	569833	77.2644	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1545.29%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.026	154.0	0		ng/ml	md
T Fluorene	8.973	166.0	0		ng/ml	md
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.702	228.0	0		ng/ml	md
T Chrysene	14.776	228.0	0		ng/ml	md
T Benzo(b)fluoranthene	0.000		0	N.D.		

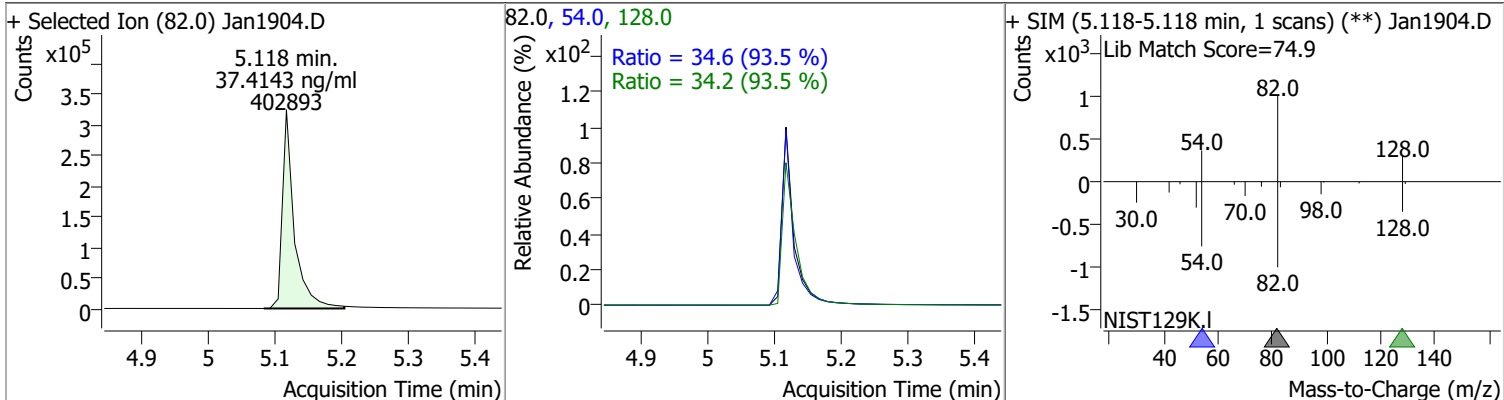
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.475	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

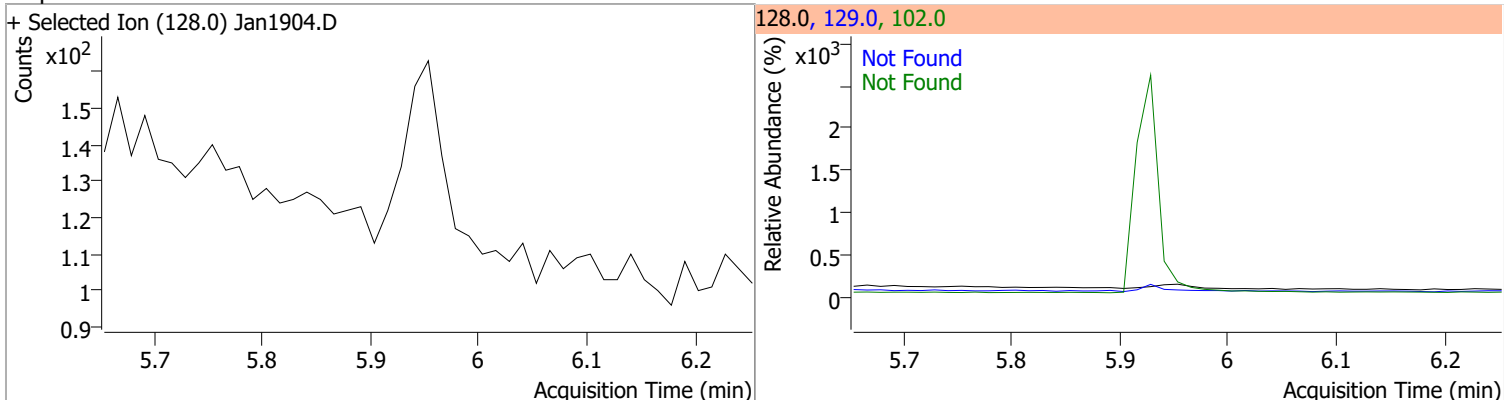
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

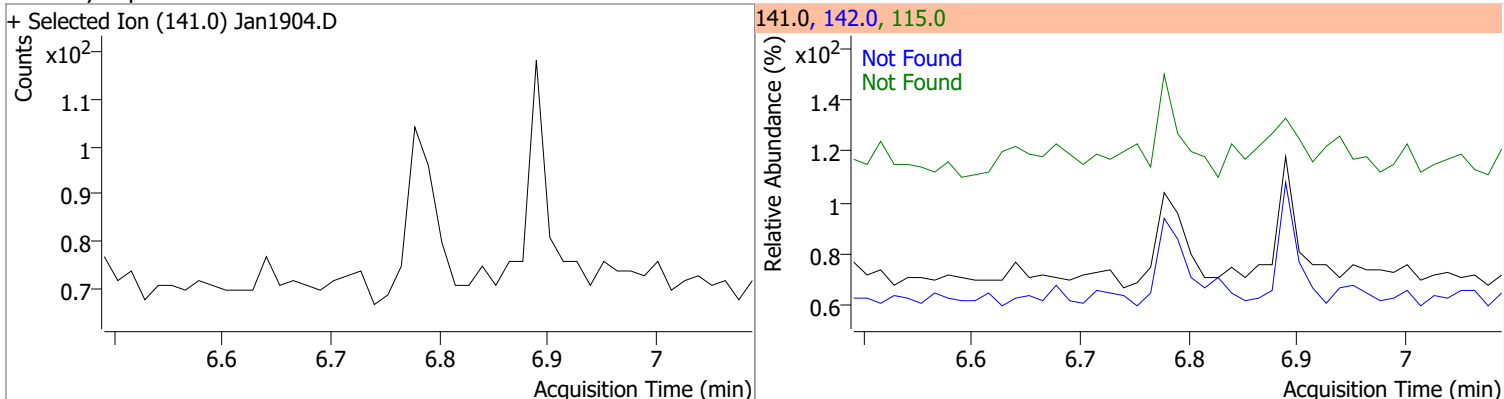
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	37.4143	5.12	-0.02	402893	54.0	34.6	25.9	48.1
					128.0	34.2	25.6	47.6



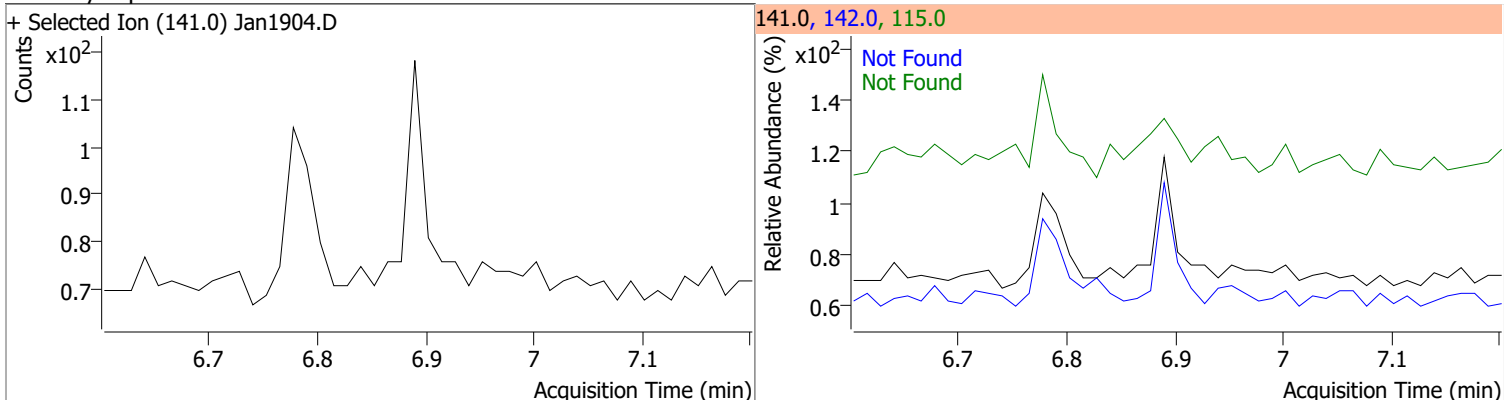
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7

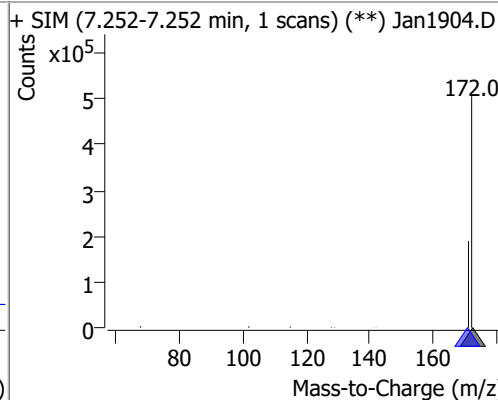
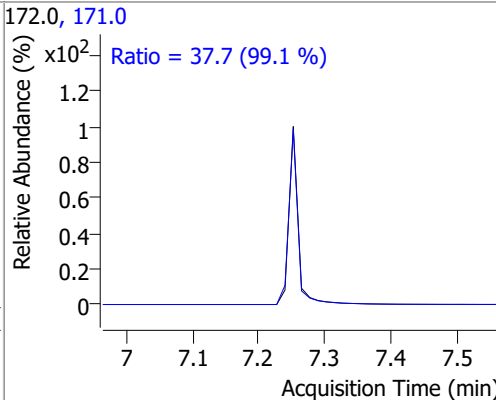
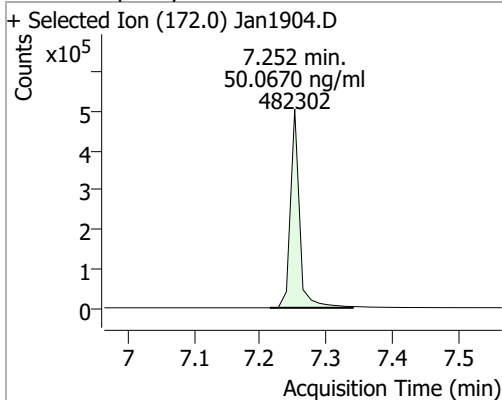


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

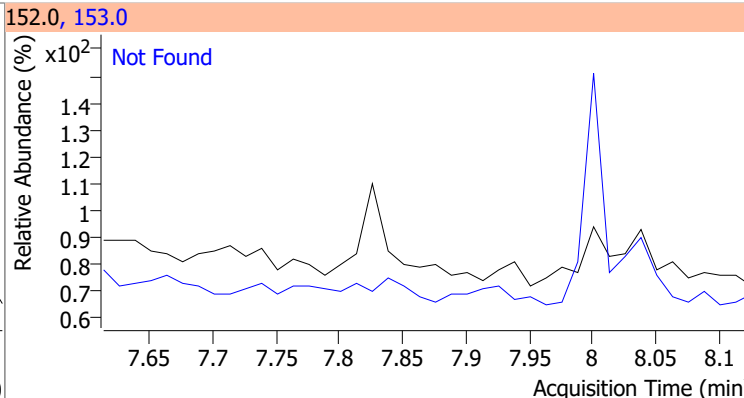
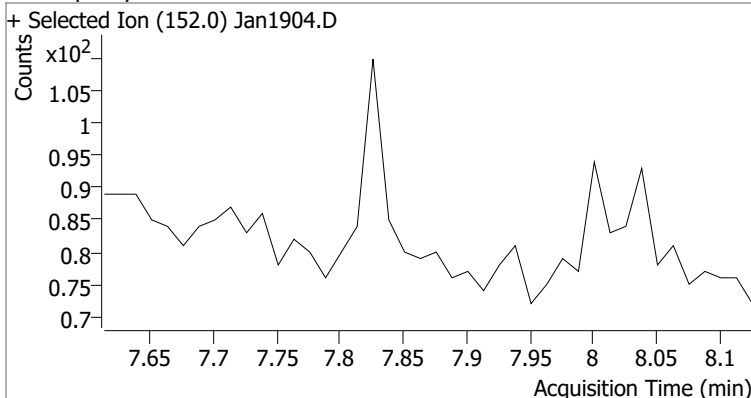


# Quantitation Results Report (QT Reviewed)

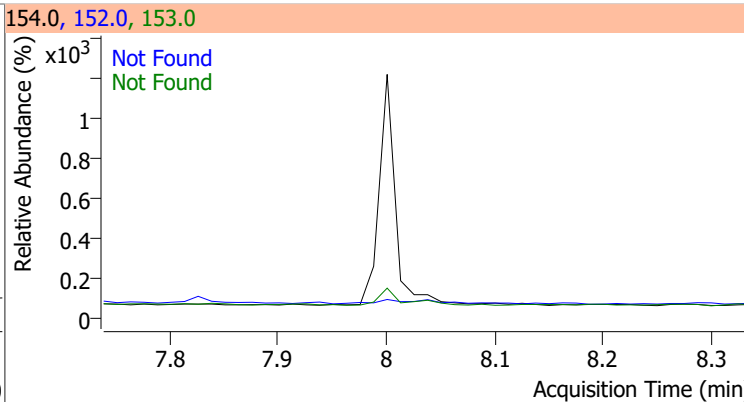
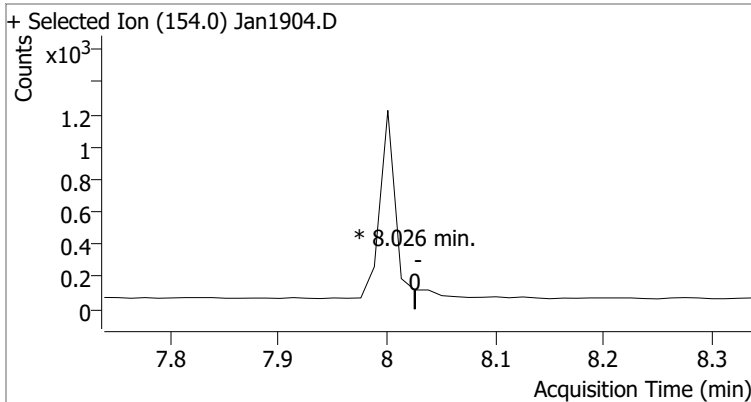
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	50.0670	7.25	-0.01	482302	171.0	37.7	26.6	49.5



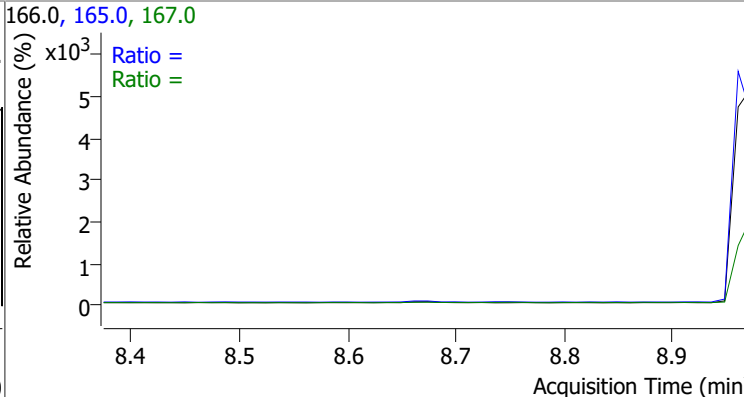
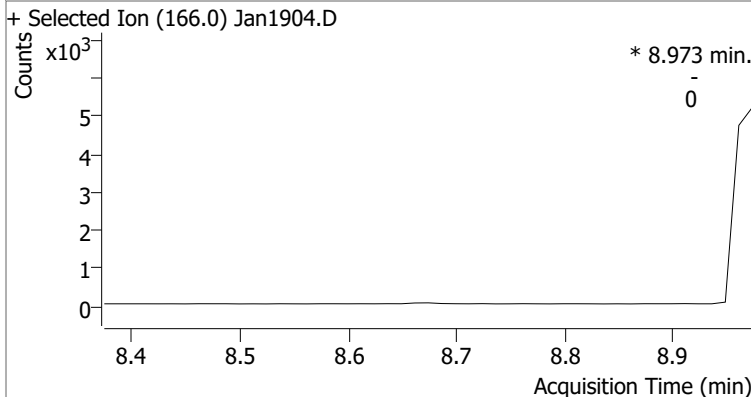
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1

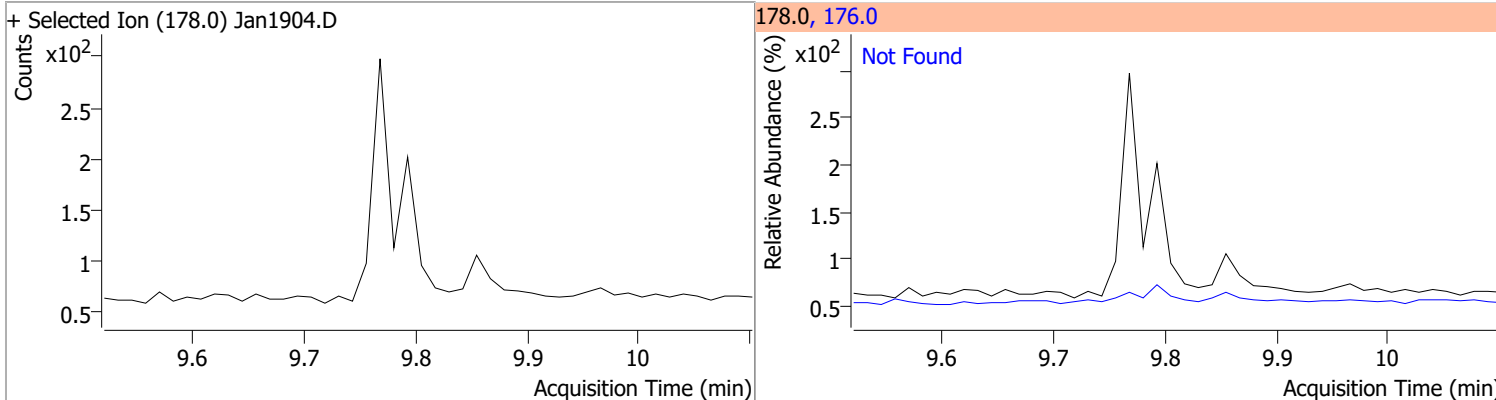


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		69.1	128.3
					167.0		9.7	18.0

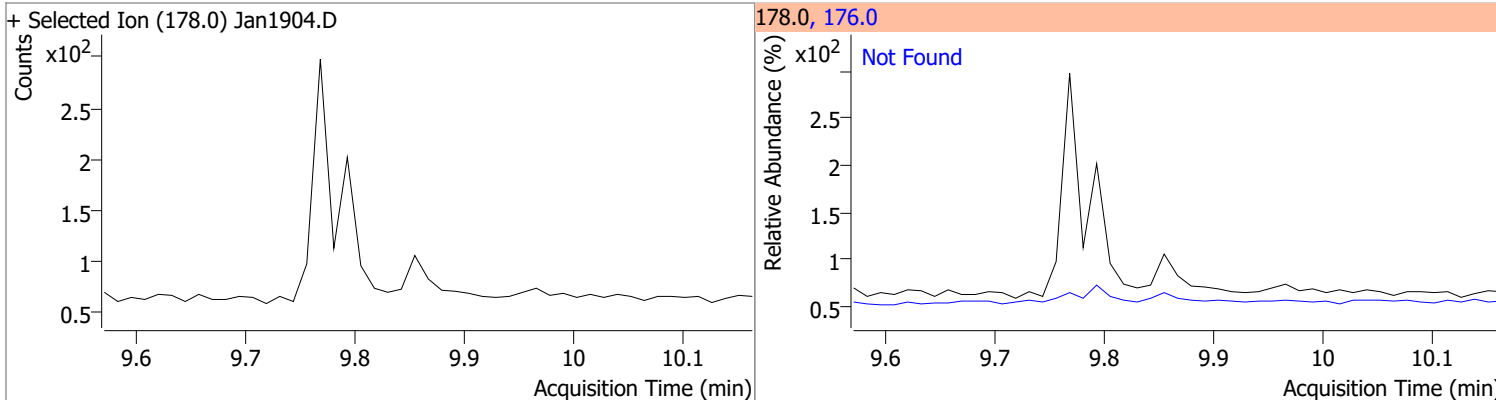


# Quantitation Results Report (QT Reviewed)

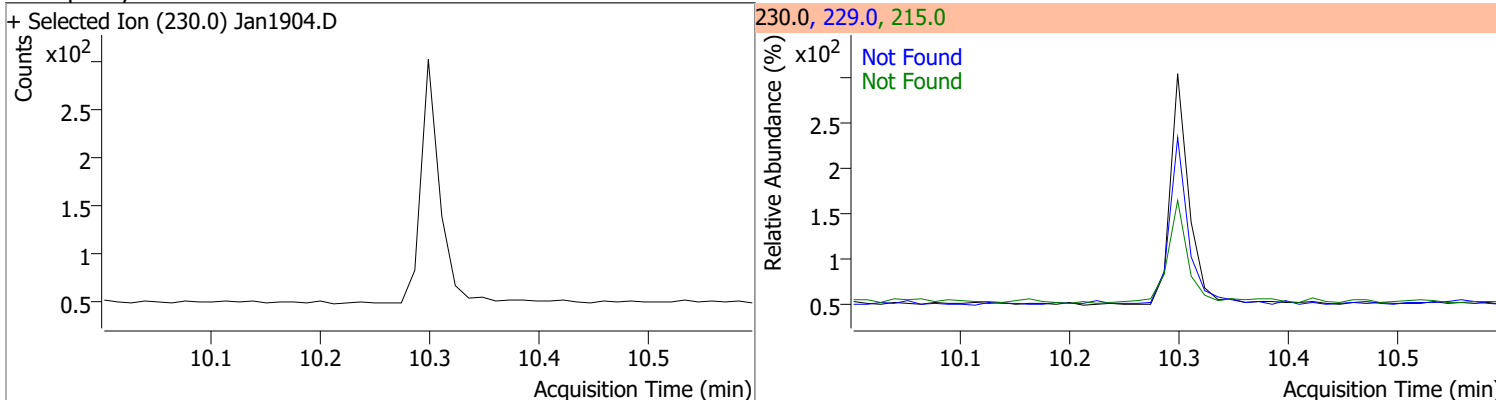
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



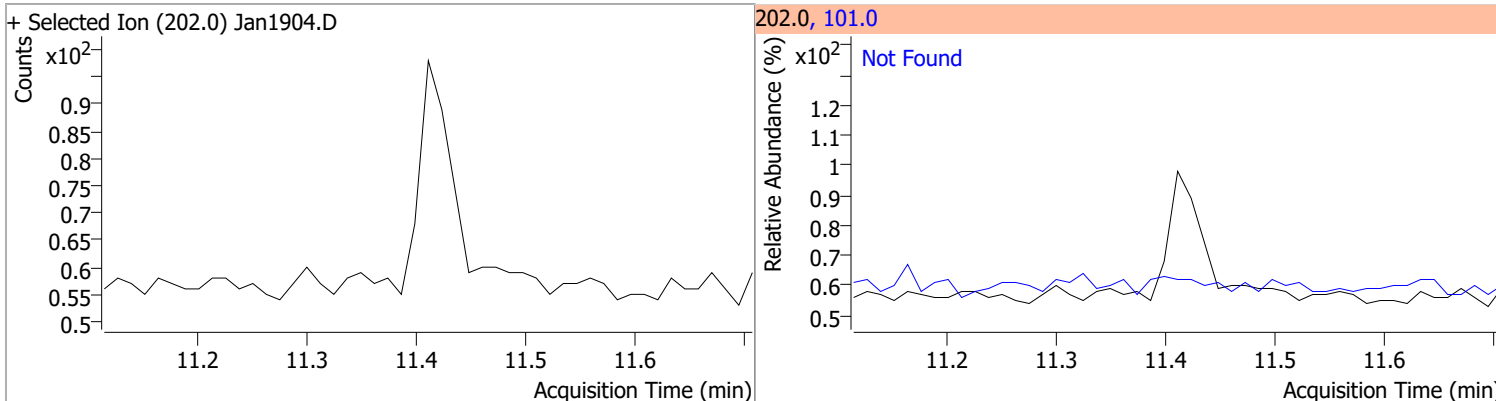
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.87	176.0	18.1



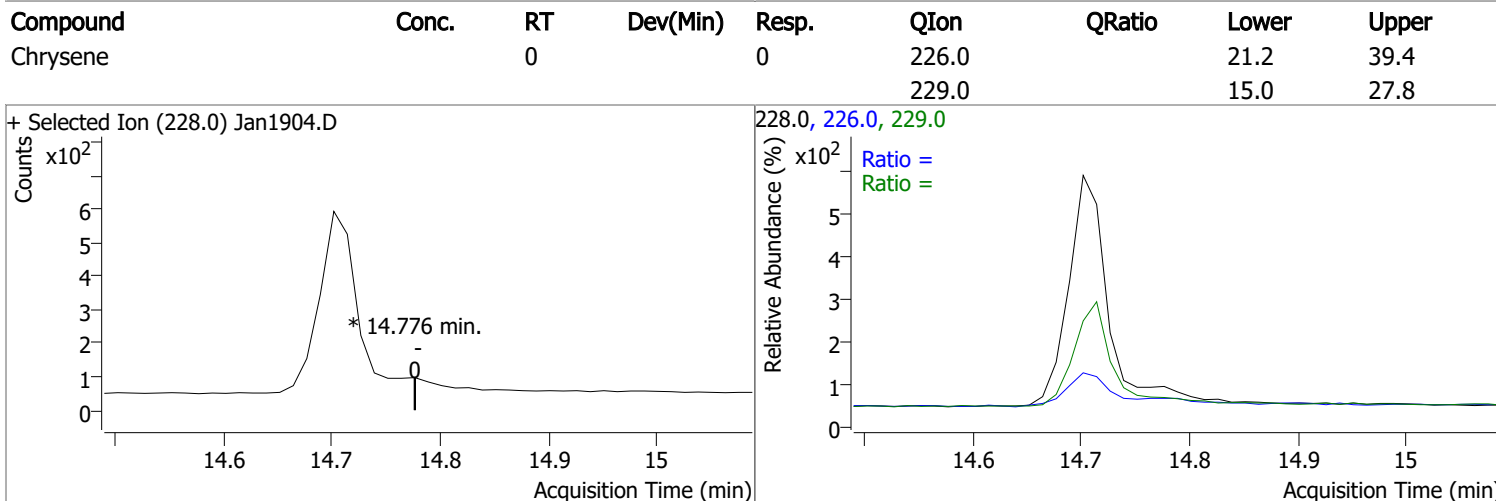
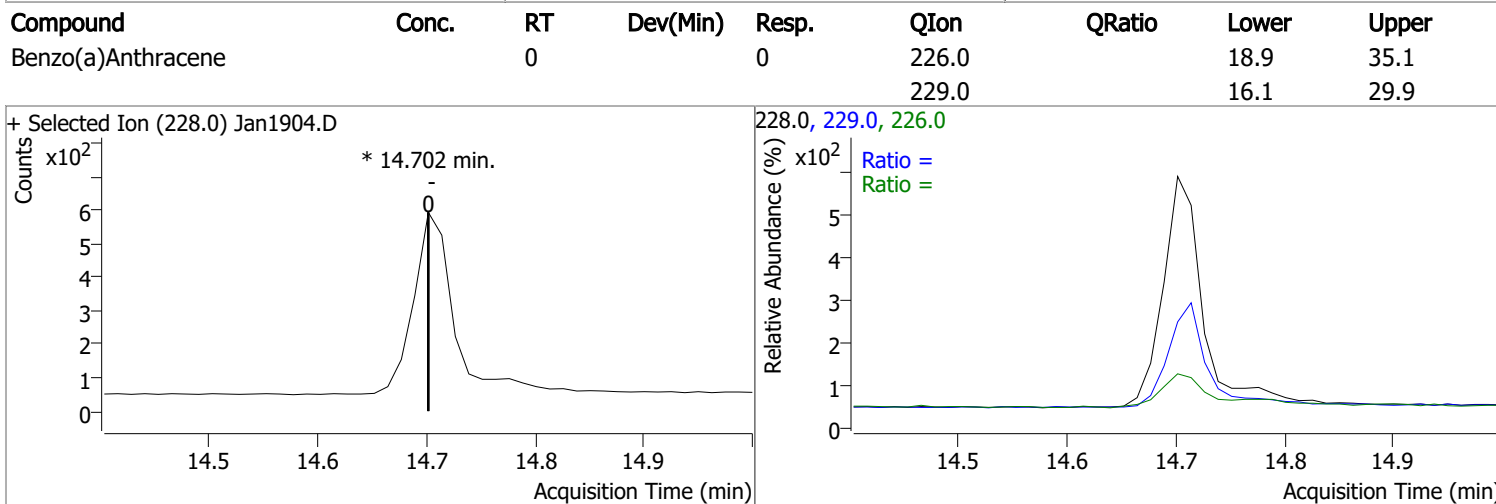
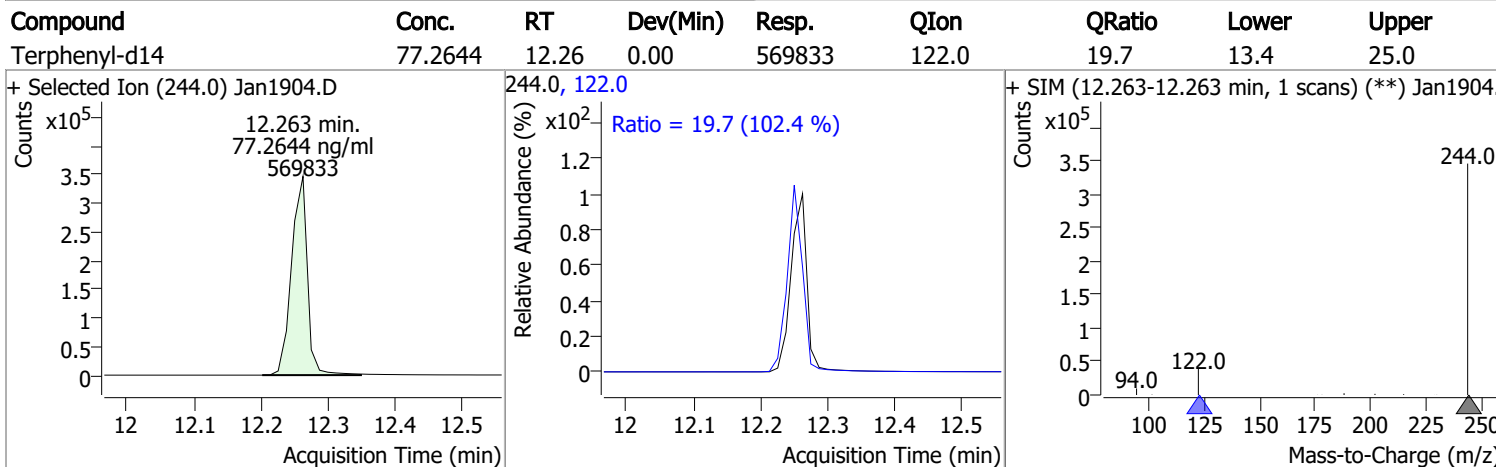
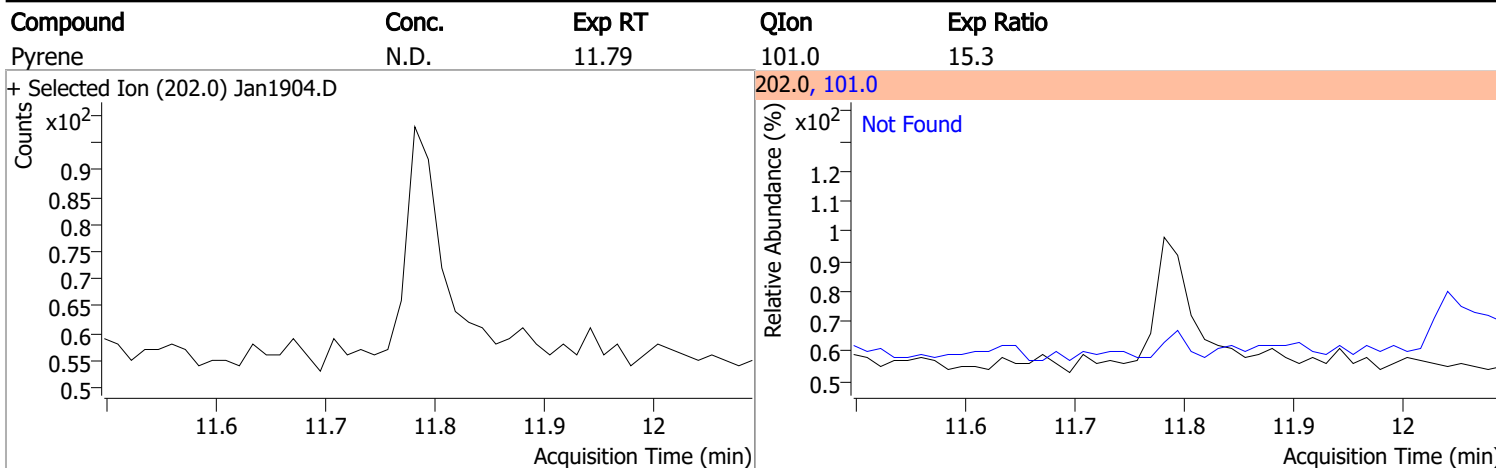
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	70.2	215.0	46.7



Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8

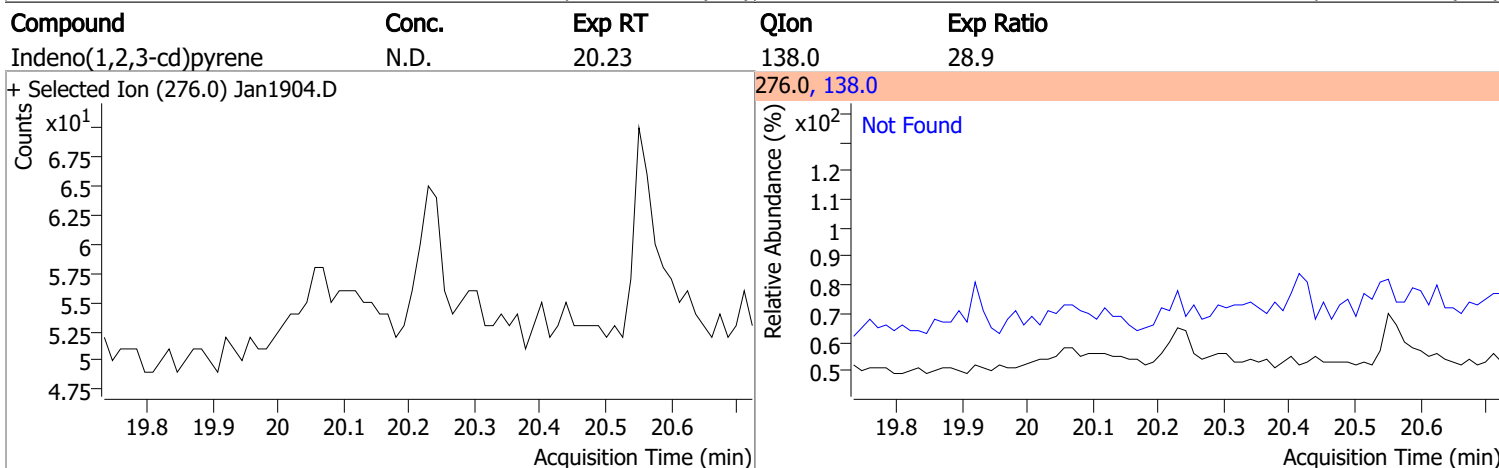
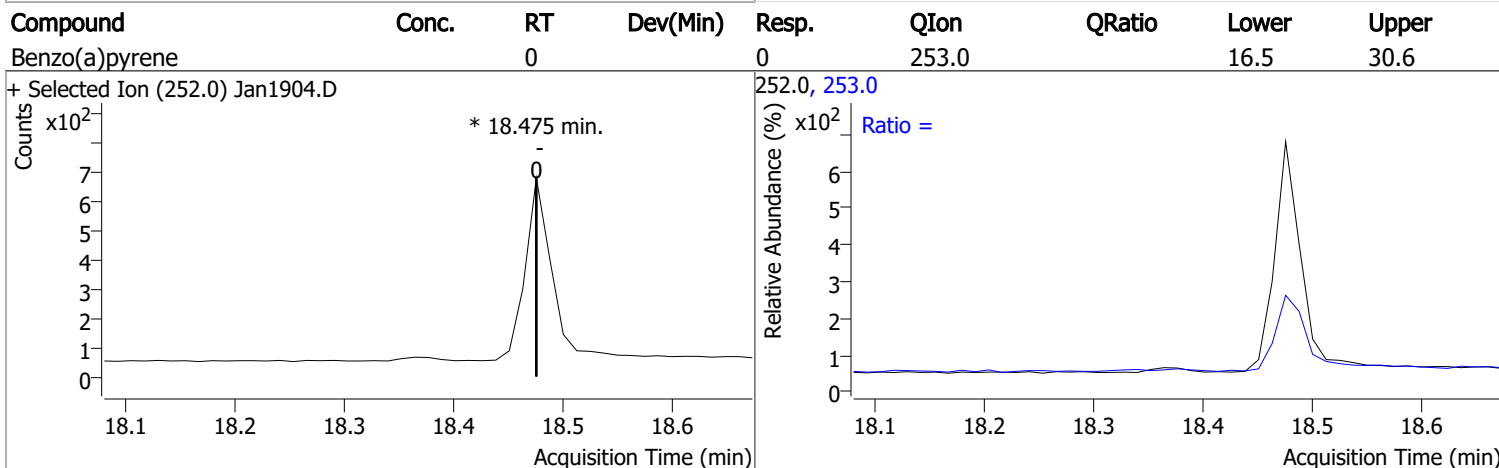
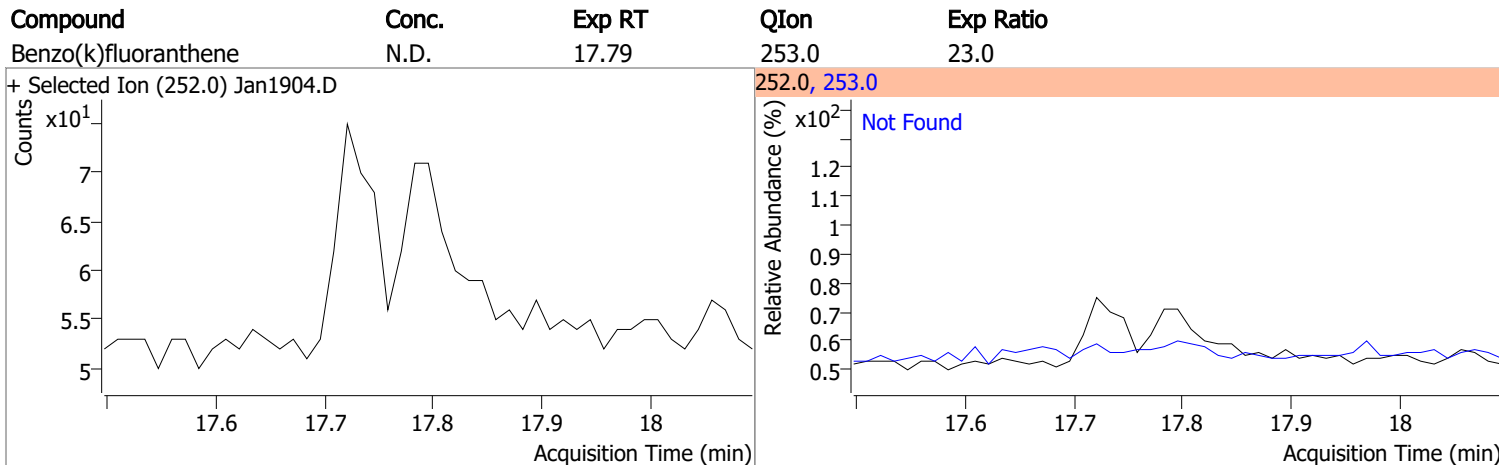
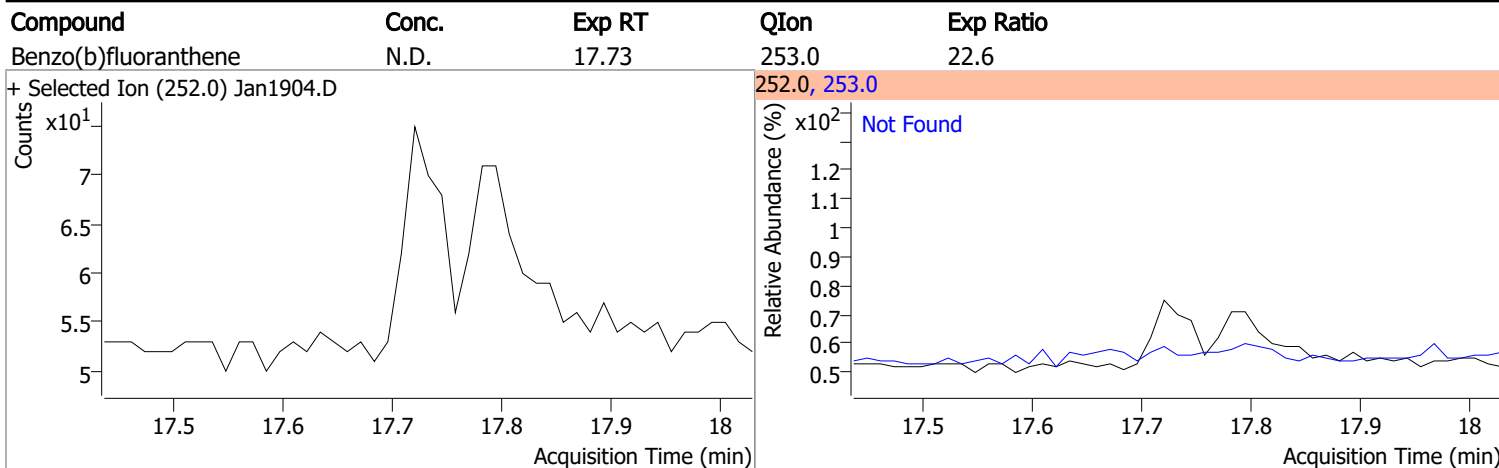


# Quantitation Results Report (QT Reviewed)



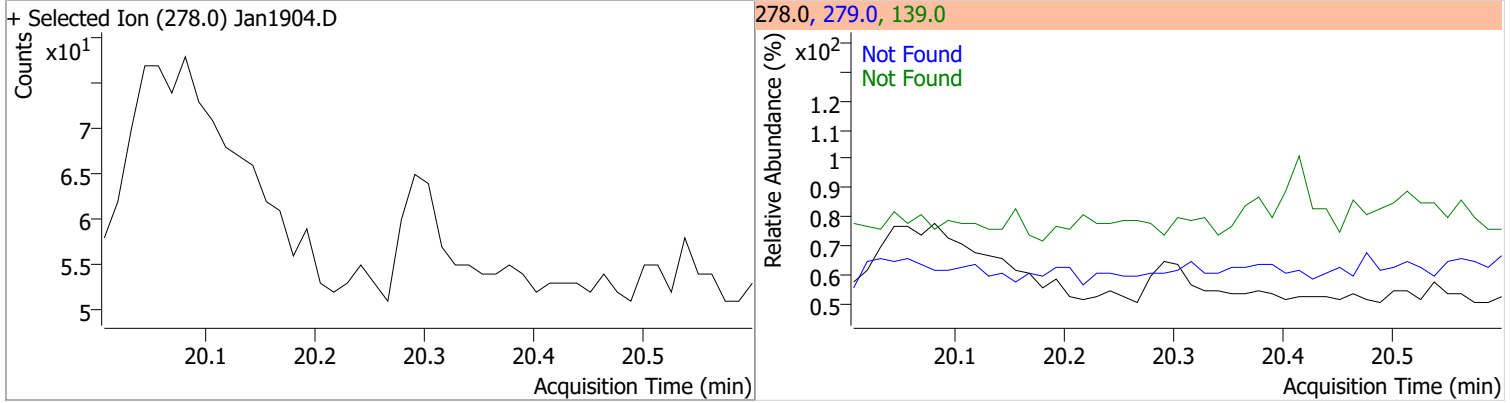


# Quantitation Results Report (QT Reviewed)

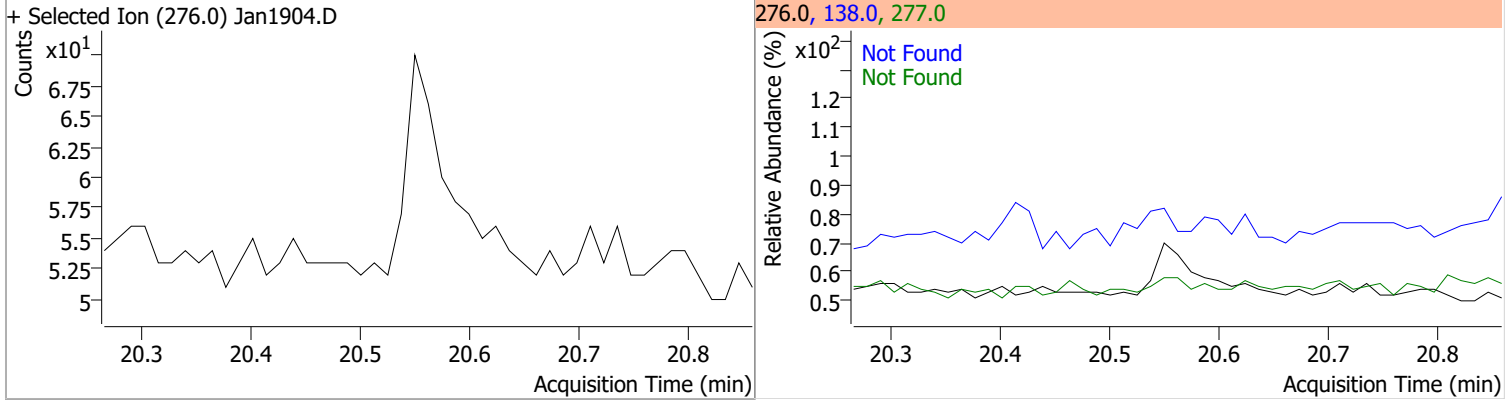


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



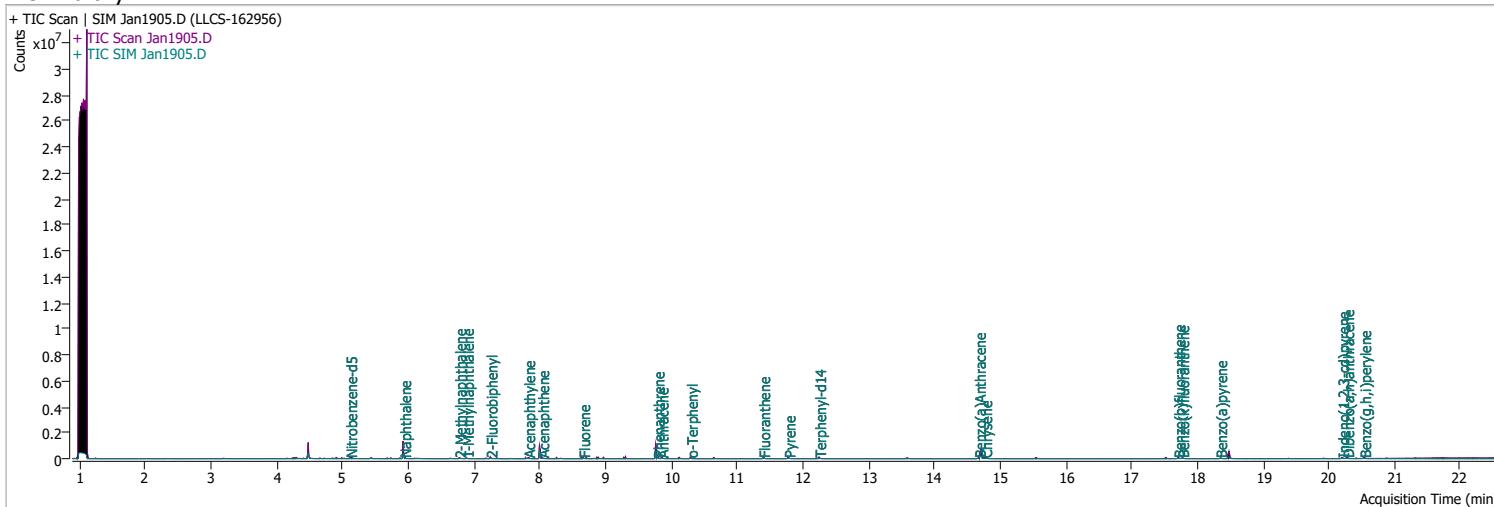
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3



# Quantitation Results Report (QT Reviewed)

Data File	Jan1905.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/19/2022 12:48:23 PM
Sample Name	LLCS-162956	Instrument	GCMS
Vial	5	Multiplier	1.00
DA Method File	011822 bna SIM1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011922 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.484	152.0	184846	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.928	136.0	352228	40.0000	ng/ml	-0.012
M Acenaphthene-d10	8.000	164.0	192917	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	375157	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	272093	40.0000	ng/ml	-0.012
M Perylene-d12	18.475	264.0	186402	40.0000	ng/ml	-0.025
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	19412	4.7890	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 95.78%		
S 2-Fluorobiphenyl	7.252	172.0	34052	3.6722	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 73.44%		
S o-Terphenyl	10.299	230.0	28449	4.6594	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 93.19%		
S Terphenyl-d14	12.251	244.0	28345	5.5864	ng/ml	-0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 111.73%		*
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	24566	2.0159	ng/ml	99
T 2-Methylnaphthalene	6.777	141.0	14560	2.1407	ng/ml	80
T 1-Methylnaphthalene	6.890	141.0	13742	1.9156	ng/ml	95
T Acenaphthylene	7.826	152.0	28950	2.4486	ng/ml	96
T Acenaphthene	8.038	154.0	18684	2.4706	ng/ml	95
T Fluorene	8.661	166.0	29161	3.2587	ng/ml	100
T Phenanthrene	9.793	178.0	57106	4.9066	ng/ml	91
T Anthracene	9.854	178.0	52604	5.0466	ng/ml	99
T Fluoranthene	11.398	202.0	62223	4.8904	ng/ml	99
T Pyrene	11.781	202.0	65805	4.8007	ng/ml	98
T Benzo(a)Anthracene	14.677	228.0	47777	5.4588	ng/ml	99
T Chrysene	14.776	228.0	61329	4.9247	ng/ml	99
T Benzo(b)fluoranthene	17.708	252.0	43201	5.1441	ng/ml	100

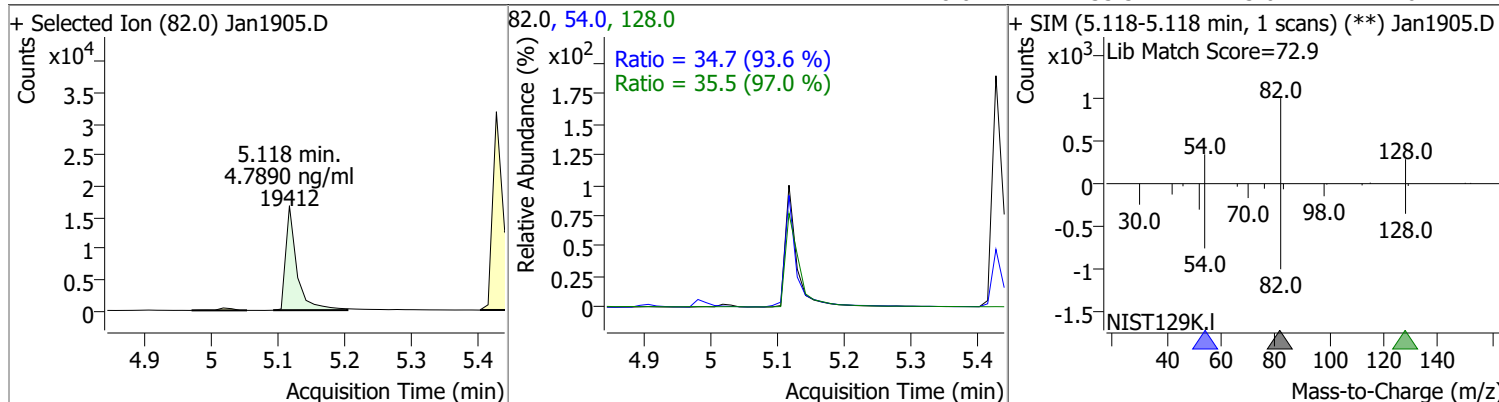
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	45039	4.6002	ng/ml	100
T Benzo(a)pyrene	18.351	252.0	34965	5.0898	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.204	276.0	33809	5.1188	ng/ml	94
T Dibenzo(a,h)anthracene	20.278	278.0	36589	4.9135	ng/ml	98
T Benzo(g,h,i)perylene	20.538	276.0	45947	4.9329	ng/ml	97

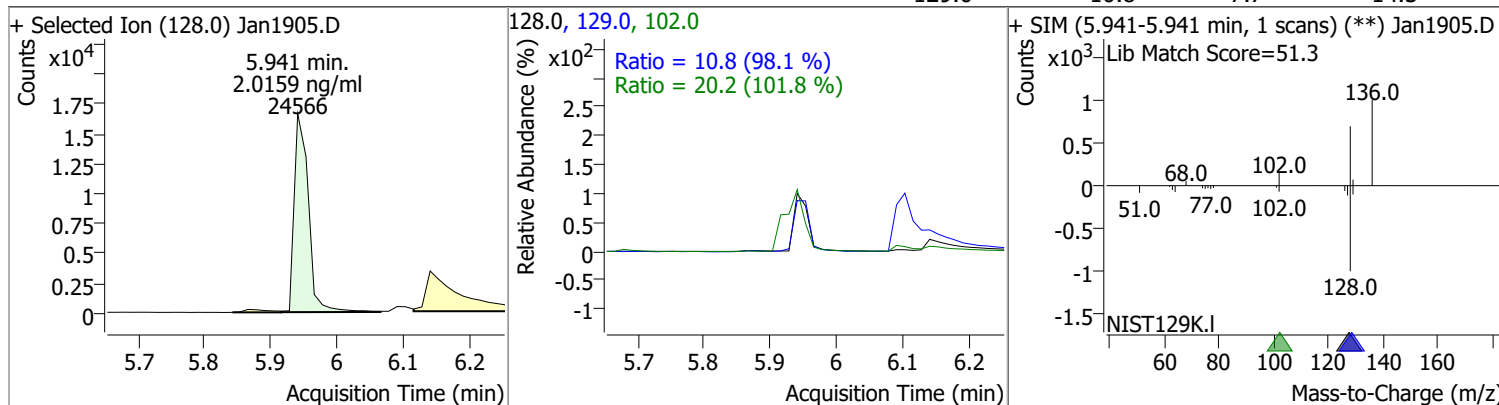
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

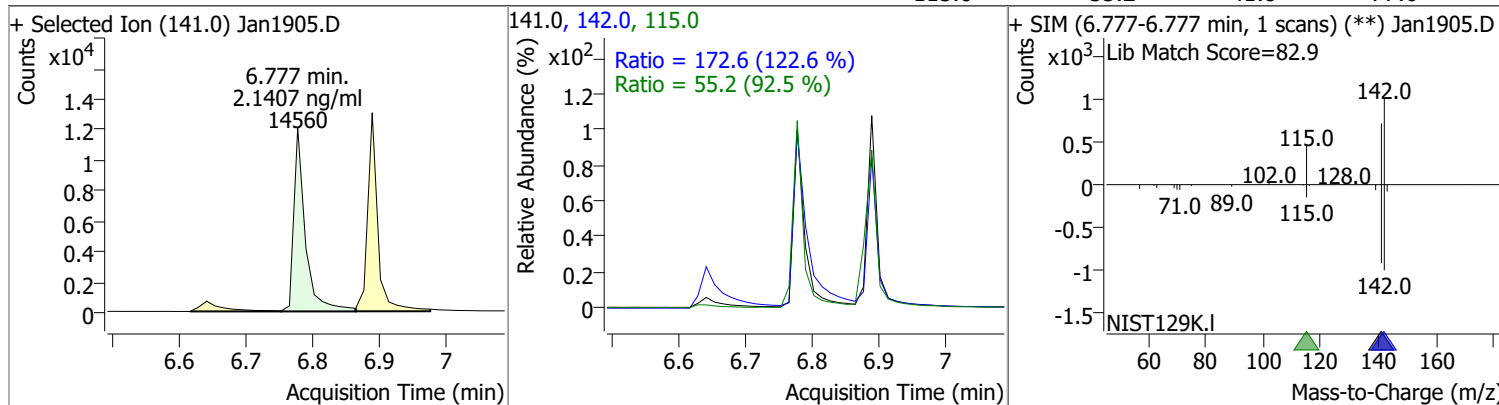
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	4.7890	5.12	-0.02	19412	54.0	34.7	25.9	48.1
					128.0	35.5	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.0159	5.94	-0.01	24566	102.0	20.2	0.0	59.6
					129.0	10.8	7.7	14.3

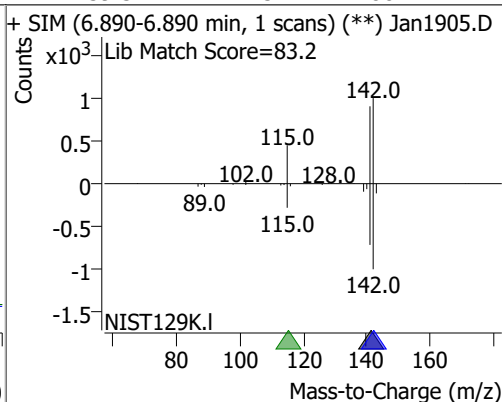
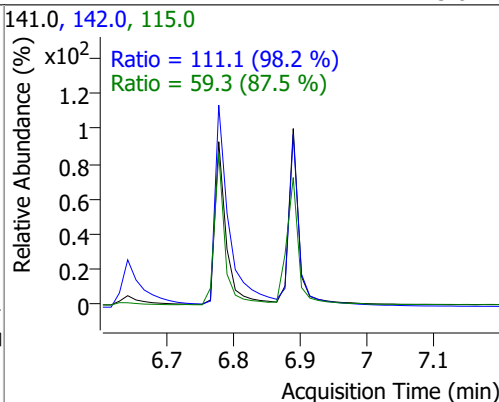
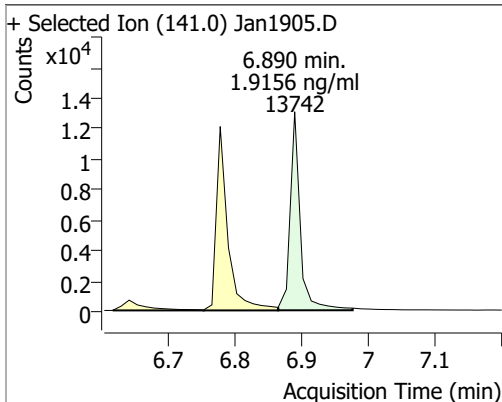


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	2.1407	6.78	-0.01	14560	142.0	172.6	98.5	183.0
					115.0	55.2	41.8	77.6

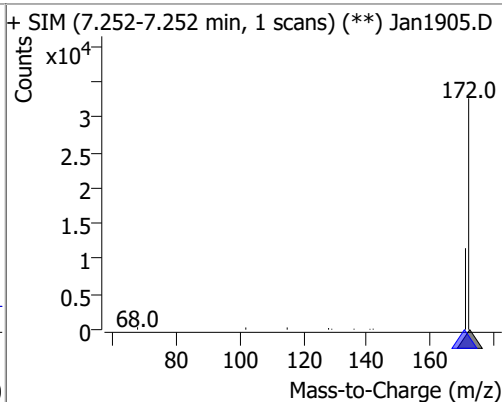
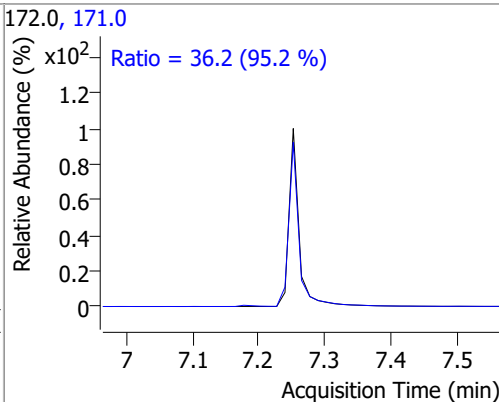
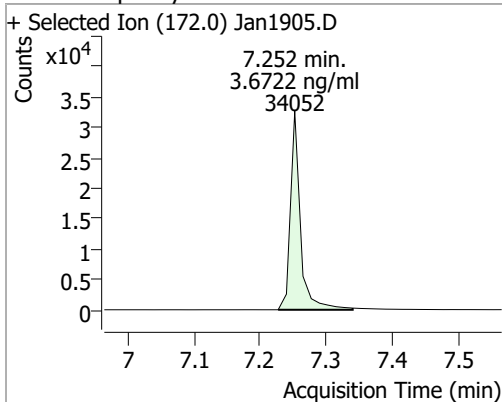


# Quantitation Results Report (QT Reviewed)

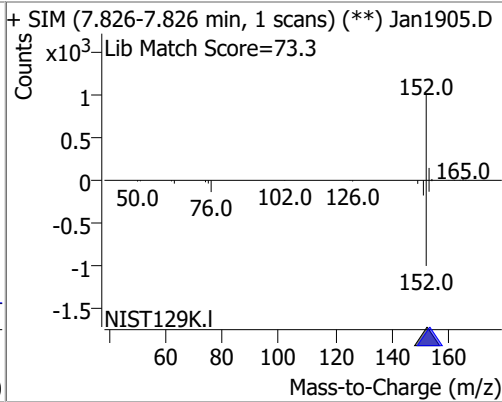
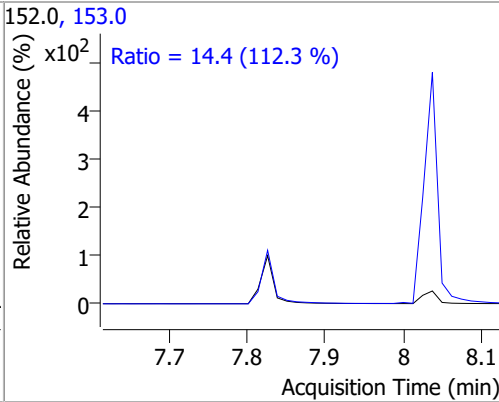
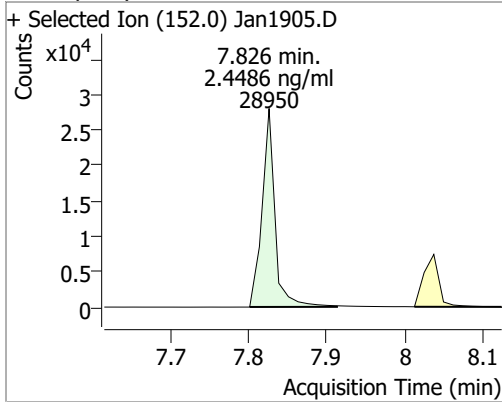
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	1.9156	6.89	-0.01	13742	142.0	111.1	79.2	147.1
					115.0	59.3	47.5	88.2



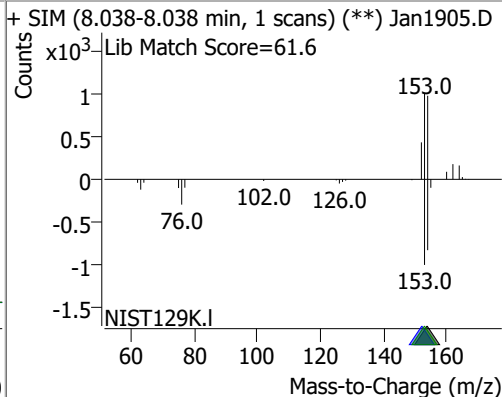
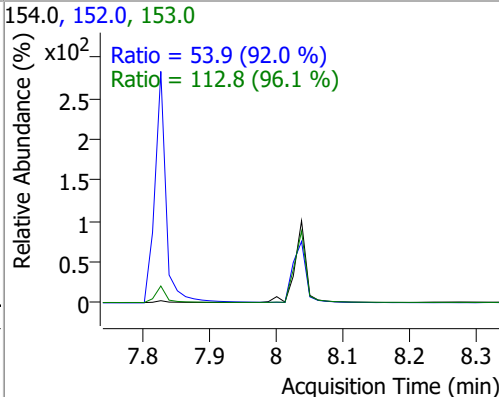
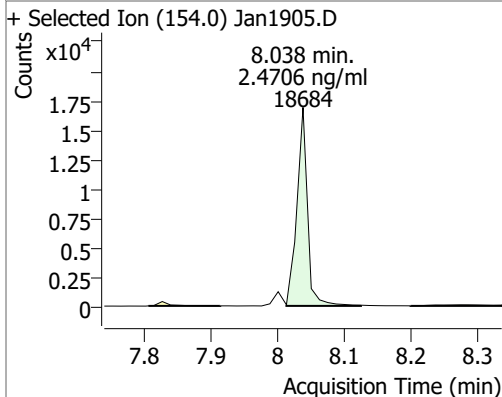
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	3.6722	7.25	-0.01	34052	171.0	36.2	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	2.4486	7.83	0.00	28950	153.0	14.4	9.0	16.6

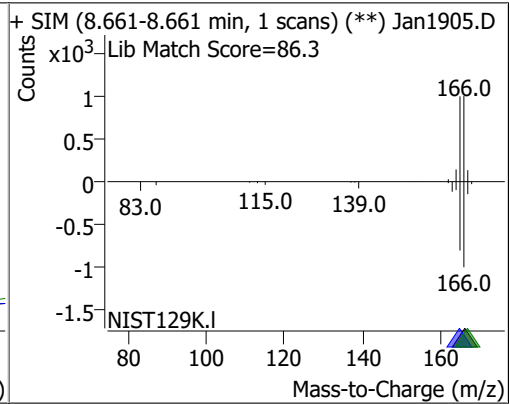
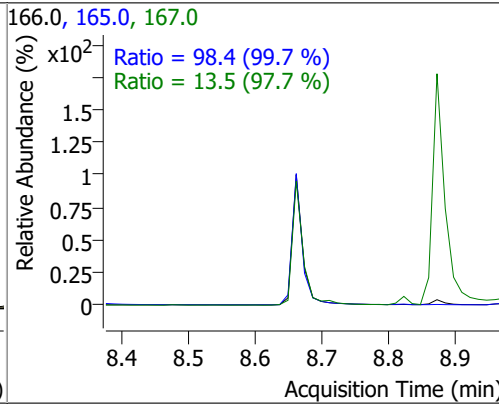
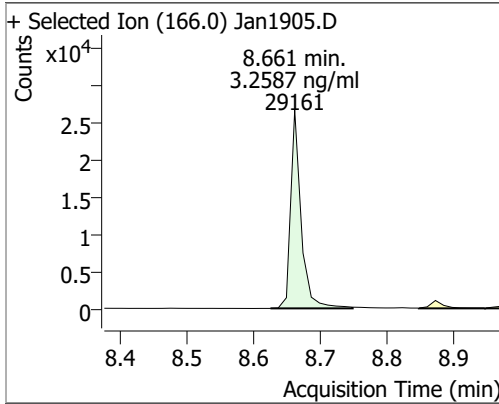


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	2.4706	8.04	0.00	18684	153.0	112.8	82.1	152.6
					152.0	53.9	41.0	76.1

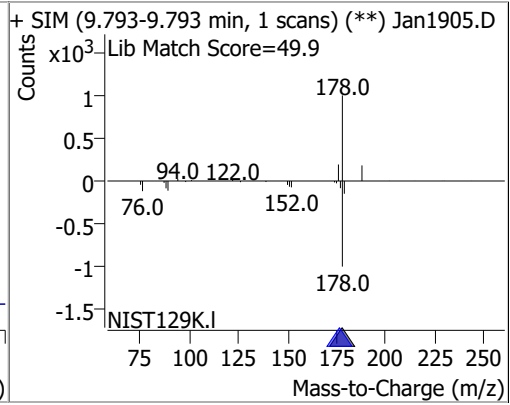
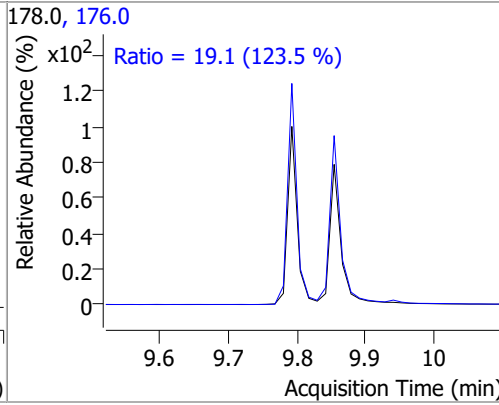
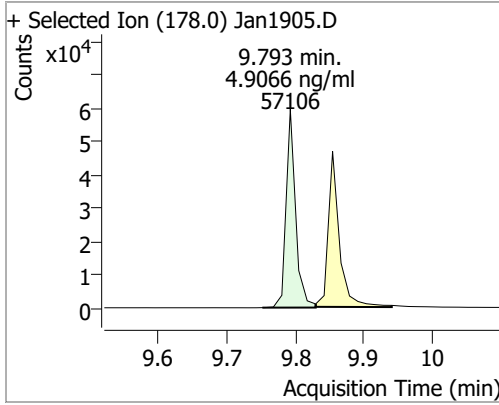


# Quantitation Results Report (QT Reviewed)

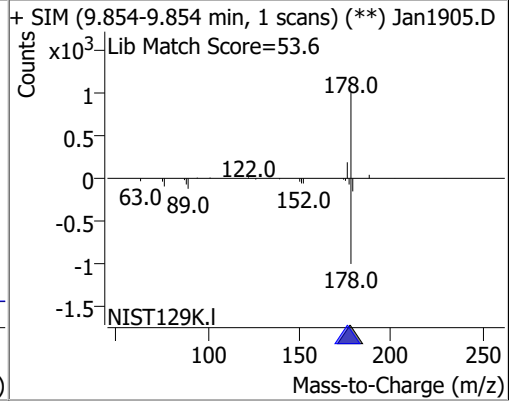
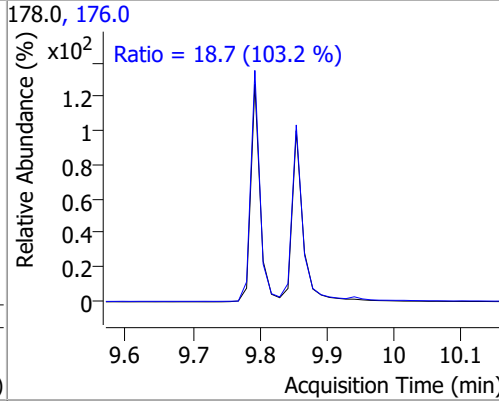
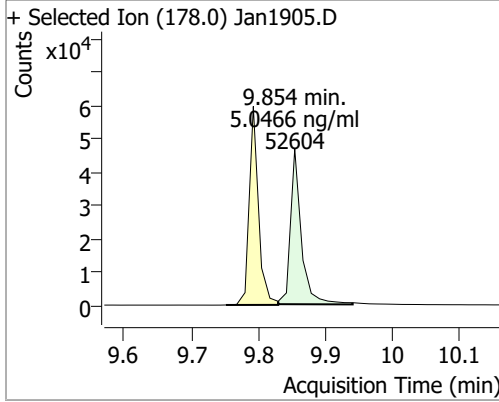
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.2587	8.66	-0.01	29161	165.0 167.0	98.4 13.5	69.1 9.7	128.3 18.0



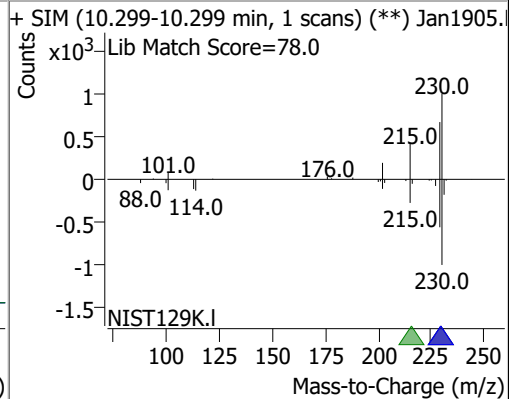
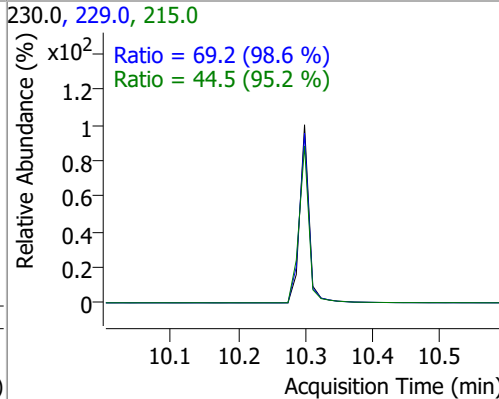
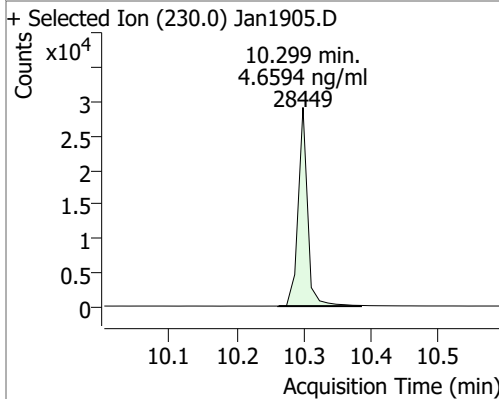
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.9066	9.79	-0.01	57106	176.0	19.1	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	5.0466	9.85	-0.01	52604	176.0	18.7	12.7	23.5

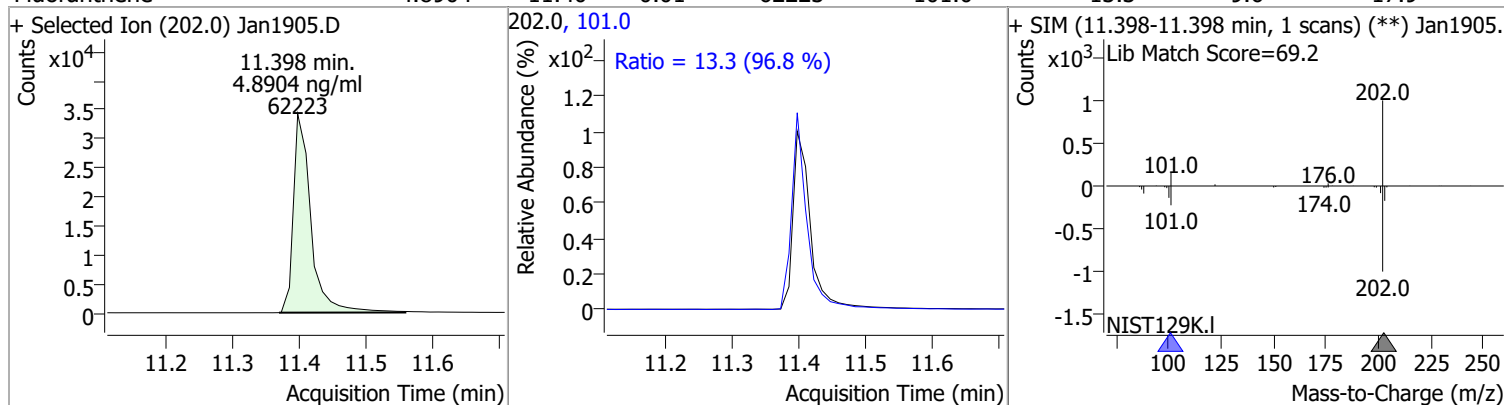


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.6594	10.30	0.00	28449	229.0 215.0	69.2 44.5	49.2 32.7	91.3 60.7

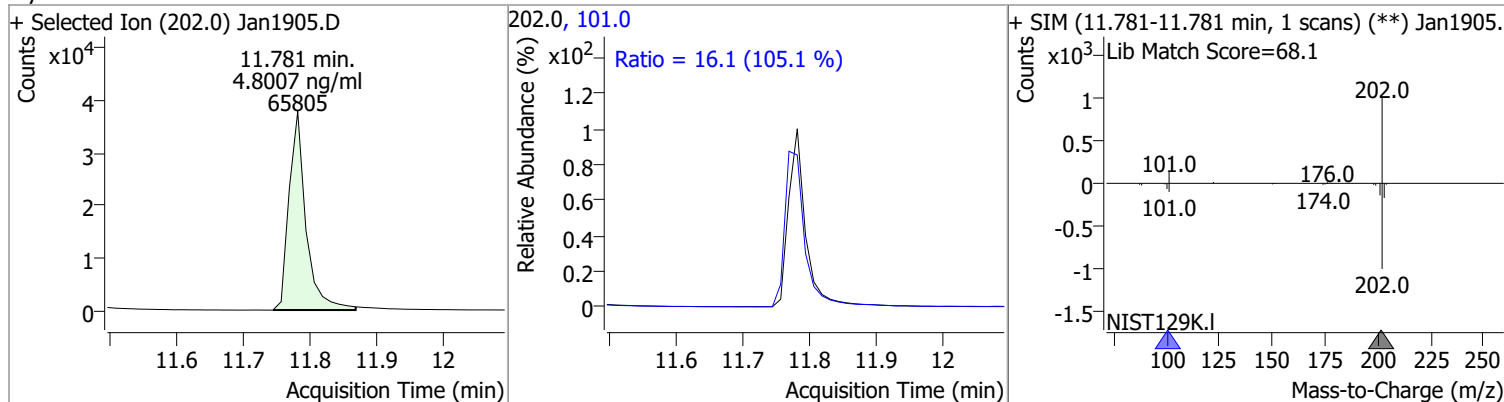


# Quantitation Results Report (QT Reviewed)

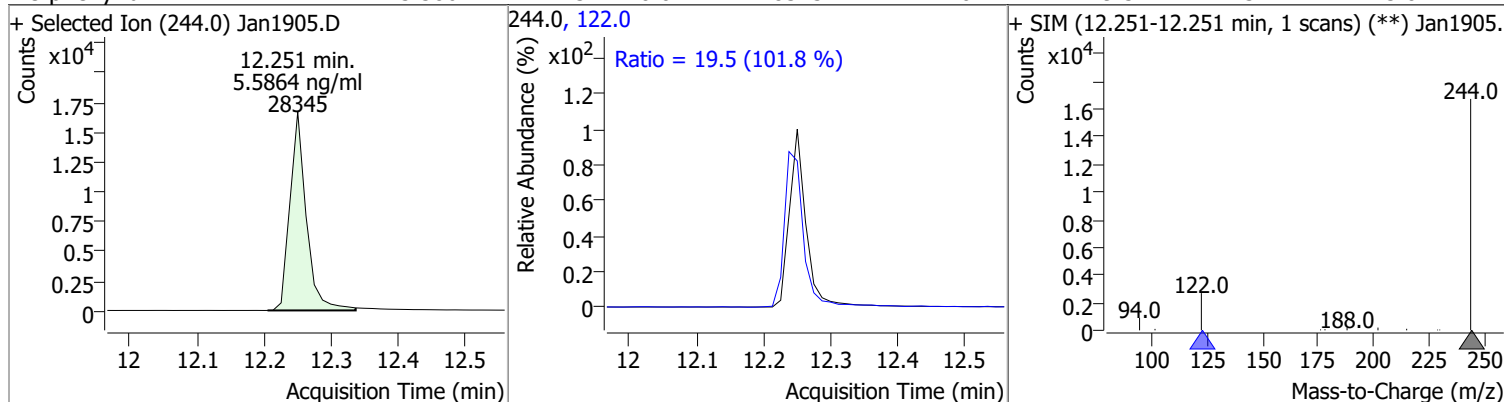
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.8904	11.40	-0.01	62223	101.0	13.3	9.6	17.9



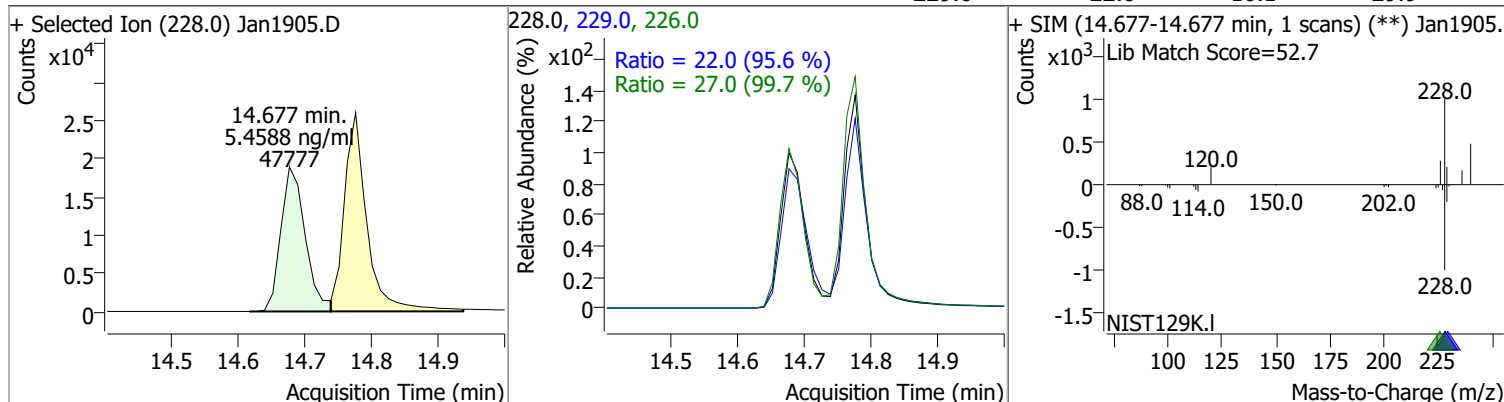
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.8007	11.78	-0.01	65805	101.0	16.1	10.7	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	5.5864	12.25	-0.01	28345	122.0	19.5	13.4	25.0

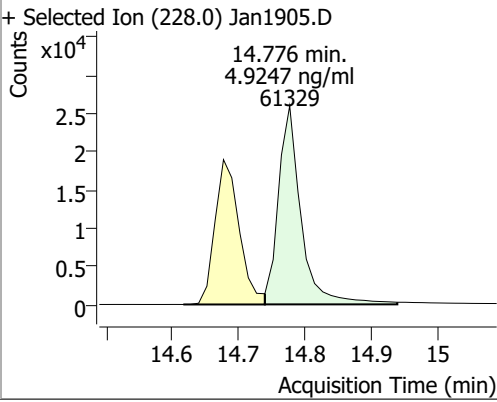
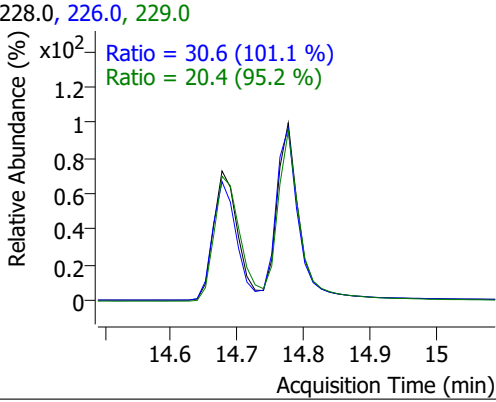
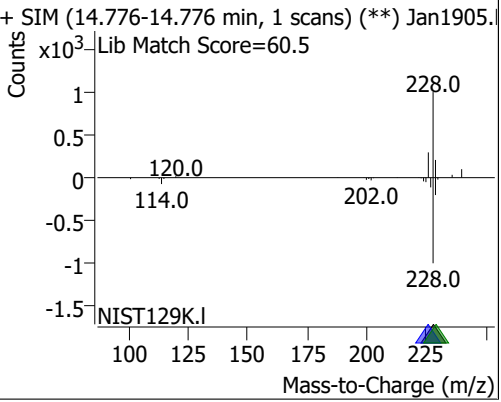
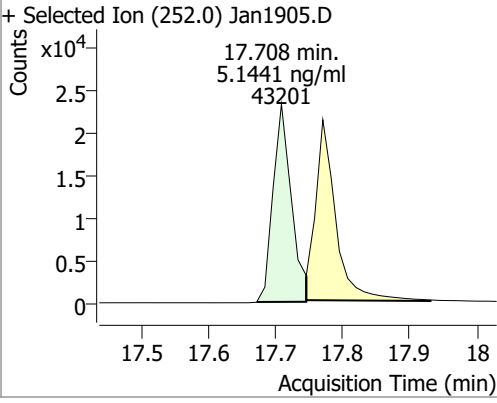
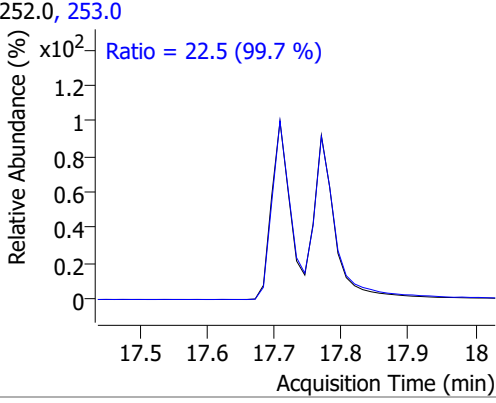
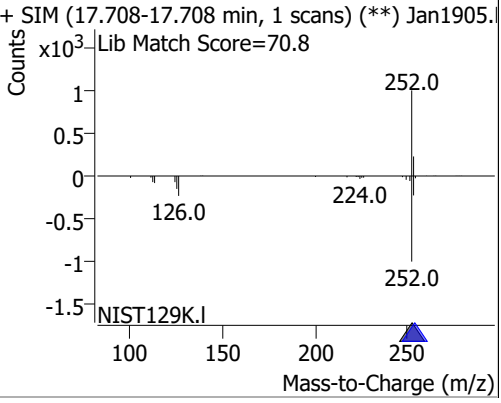
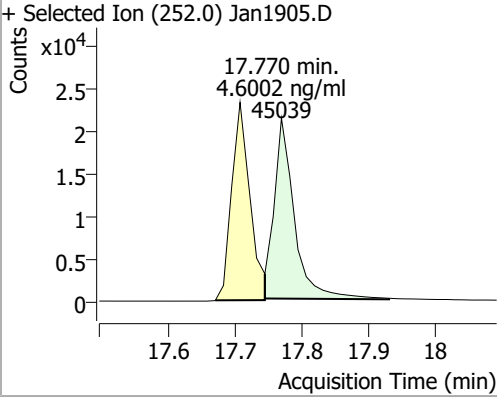
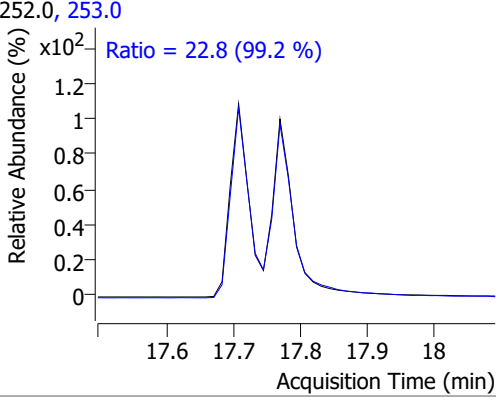
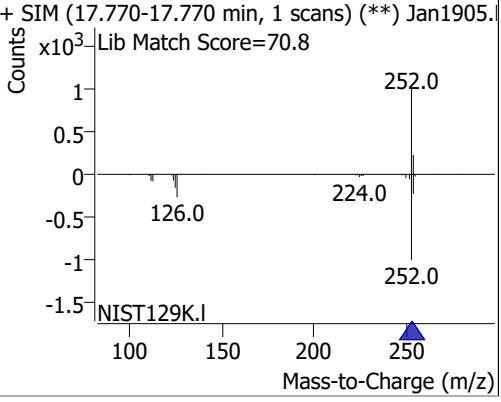
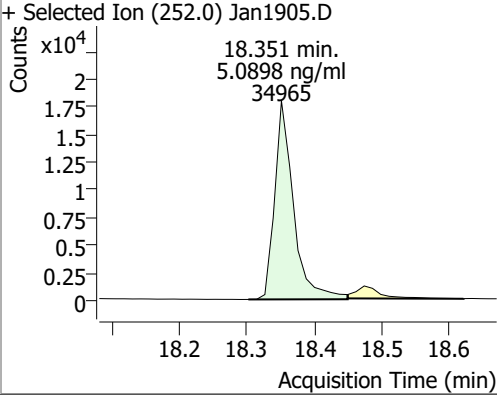
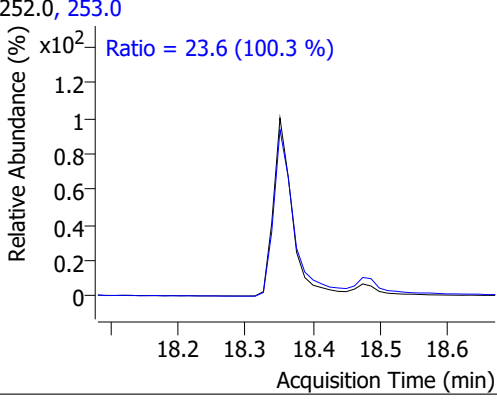
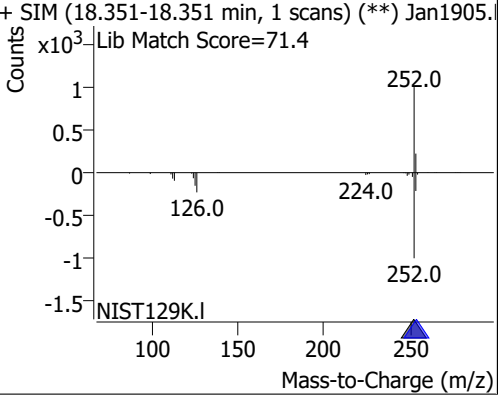


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	5.4588	14.68	-0.02	47777	226.0 229.0	27.0 22.0	18.9 16.1	35.1 29.9





# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	4.9247	14.78	-0.01	61329	226.0 229.0	30.6 20.4	21.2 15.0	39.4 27.8
+ Selected Ion (228.0) Jan1905.D 			228.0, 226.0, 229.0 			+ SIM (14.776-14.776 min, 1 scans) (**) Jan1905. Lib Match Score=60.5 		
Benzo(b)fluoranthene	5.1441	17.71	-0.02	43201	253.0	22.5	15.8	29.4
+ Selected Ion (252.0) Jan1905.D 			252.0, 253.0 			+ SIM (17.708-17.708 min, 1 scans) (**) Jan1905. Lib Match Score=70.8 		
Benzo(k)fluoranthene	4.6002	17.77	-0.02	45039	253.0	22.8	16.1	29.9
+ Selected Ion (252.0) Jan1905.D 			252.0, 253.0 			+ SIM (17.770-17.770 min, 1 scans) (**) Jan1905. Lib Match Score=70.8 		
Benzo(a)pyrene	5.0898	18.35	-0.02	34965	253.0	23.6	16.5	30.6
+ Selected Ion (252.0) Jan1905.D 			252.0, 253.0 			+ SIM (18.351-18.351 min, 1 scans) (**) Jan1905. Lib Match Score=71.4 		

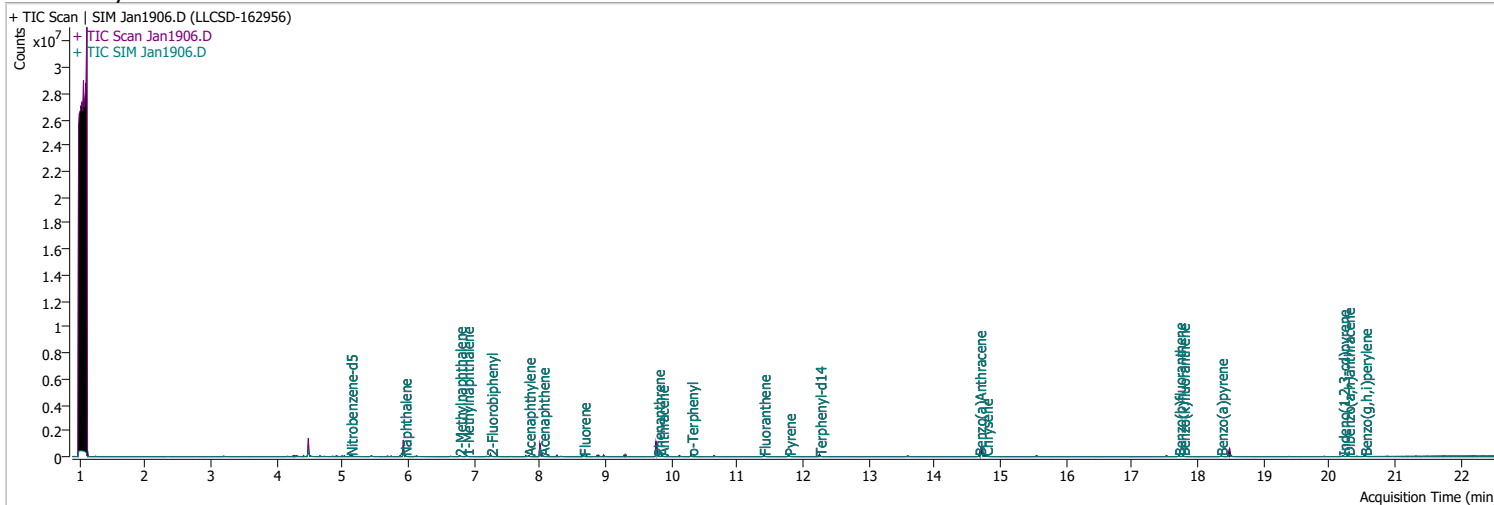
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	5.1188	20.20	-0.02	33809	138.0	25.8	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1905.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 25.8 (89.2 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan1905.D</p> <p>Lib Match Score=78.7</p> </div> </div>								
Dibenzo(a,h)anthracene	4.9135	20.28	-0.02	36589	279.0	25.5	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan1905.D</p> </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 25.5 (101.5 %)</p> <p>Ratio = 22.8 (94.7 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.278-20.278 min, 1 scans) (**) Jan1905.D</p> <p>Lib Match Score=77.8</p> </div> </div>								
Benzo(g,h,i)perylene	4.9329	20.54	-0.02	45947	138.0	26.4	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1905.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 26.4 (94.2 %)</p> <p>Ratio = 24.3 (104.4 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan1905.D</p> <p>Lib Match Score=78.8</p> </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan1906.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/19/2022 1:20:44 PM
Sample Name	LLCSD-162956	Instrument	GCMS
Vial	6	Multiplier	1.00
DA Method File	011822 bna SIM1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011922 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

## Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.485	152.0	191547	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.928	136.0	358541	40.0000	ng/ml	-0.012
M Acenaphthene-d10	8.001	164.0	195626	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	392455	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	279417	40.0000	ng/ml	-0.012
M Perylene-d12	18.475	264.0	193597	40.0000	ng/ml	-0.024
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	26223	5.9340	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 118.68%	*	
S 2-Fluorobiphenyl	7.252	172.0	52124	5.5433	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 110.87%	*	
S o-Terphenyl	10.299	230.0	26599	4.1643	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 83.29%		
S Terphenyl-d14	12.251	244.0	38887	7.3877	ng/ml	-0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 147.75%	*	
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	30046	2.4222	ng/ml	99
T 2-Methylnaphthalene	6.778	141.0	20537	2.9664	ng/ml	90
T 1-Methylnaphthalene	6.890	141.0	18316	2.5083	ng/ml	95
T Acenaphthylene	7.826	152.0	34579	2.8843	ng/ml	95
T Acenaphthene	8.038	154.0	23684	3.0883	ng/ml	97
T Fluorene	8.661	166.0	34913	3.8475	ng/ml	98
T Phenanthrene	9.793	178.0	58708	4.8236	ng/ml	92
T Anthracene	9.855	178.0	52707	4.8451	ng/ml	100
T Fluoranthene	11.399	202.0	61104	4.5907	ng/ml	99
T Pyrene	11.781	202.0	64986	4.6168	ng/ml	98
T Benzo(a)Anthracene	14.677	228.0	45821	5.1180	ng/ml	99
T Chrysene	14.776	228.0	59655	4.6647	ng/ml	99
T Benzo(b)fluoranthene	17.709	252.0	42612	4.8854	ng/ml	99

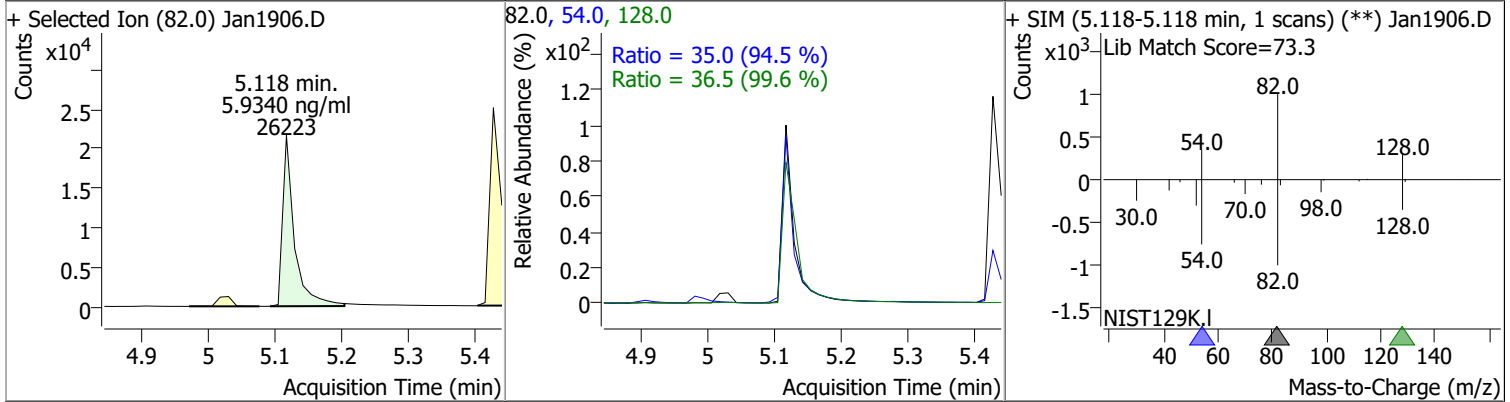
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	44565	4.3906	ng/ml	97
T Benzo(a)pyrene	18.351	252.0	32792	4.6451	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.205	276.0	30696	4.5403	ng/ml	98
T Dibenzo(a,h)anthracene	20.279	278.0	34809	4.5008	ng/ml	98
T Benzo(g,h,i)perylene	20.538	276.0	43296	4.5089	ng/ml	99

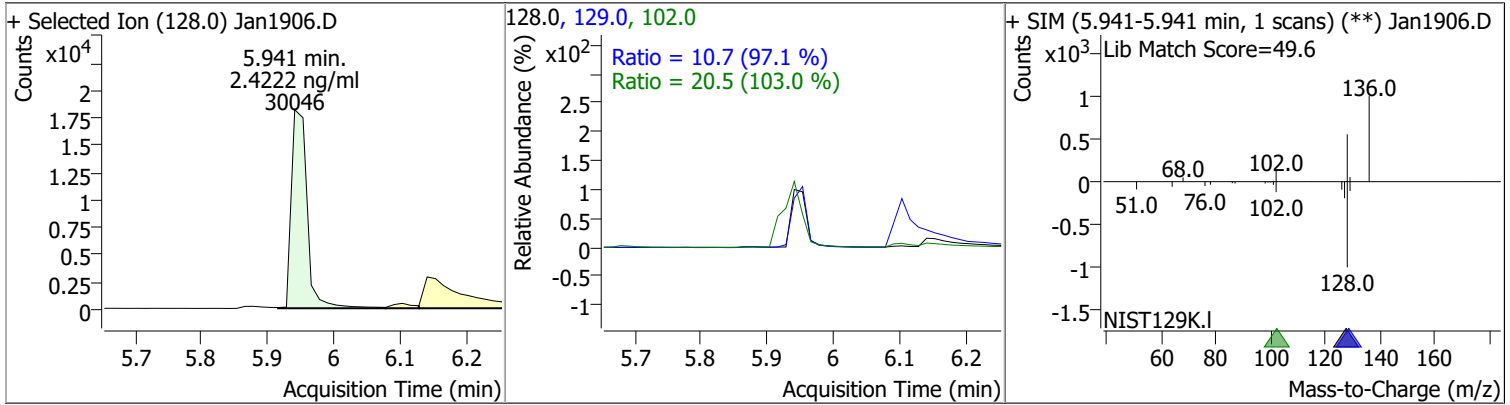
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

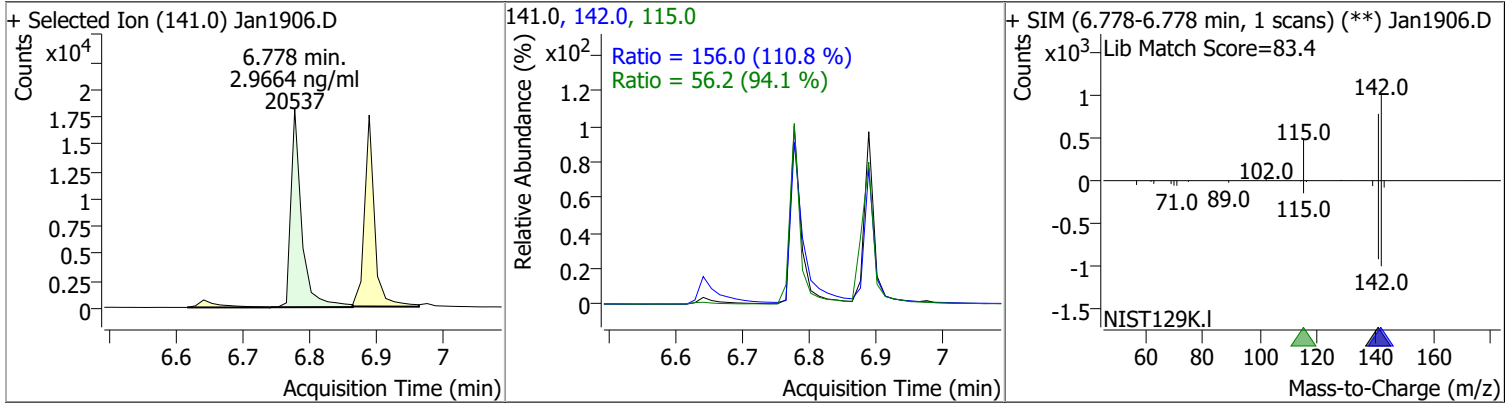
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	5.9340	5.12	-0.02	26223	54.0	35.0	25.9	48.1
					128.0	36.5	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.4222	5.94	-0.01	30046	102.0	20.5	0.0	59.6
					129.0	10.7	7.7	14.3

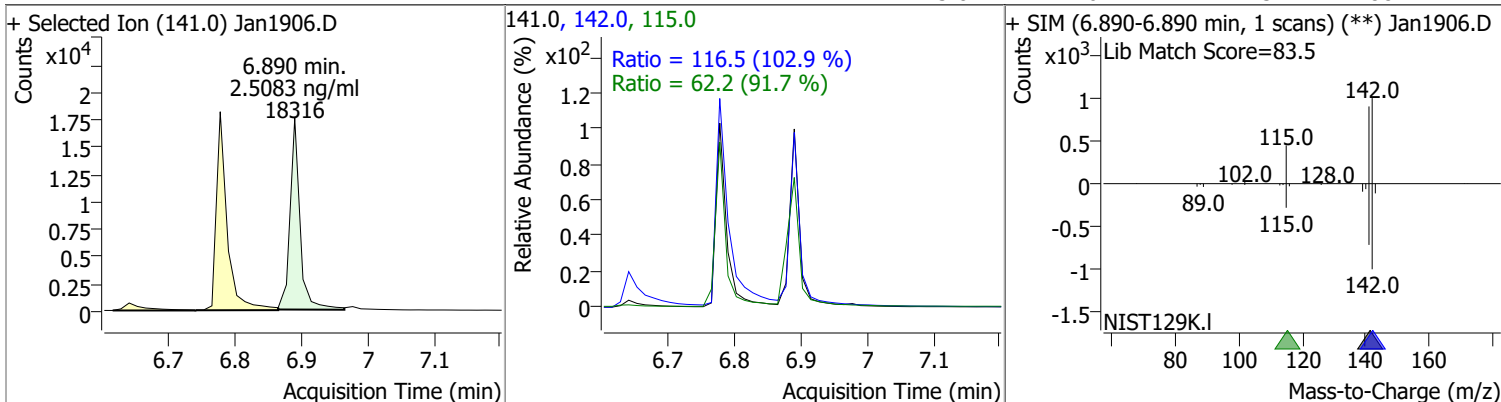


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	2.9664	6.78	-0.01	20537	142.0	156.0	98.5	183.0
					115.0	56.2	41.8	77.6

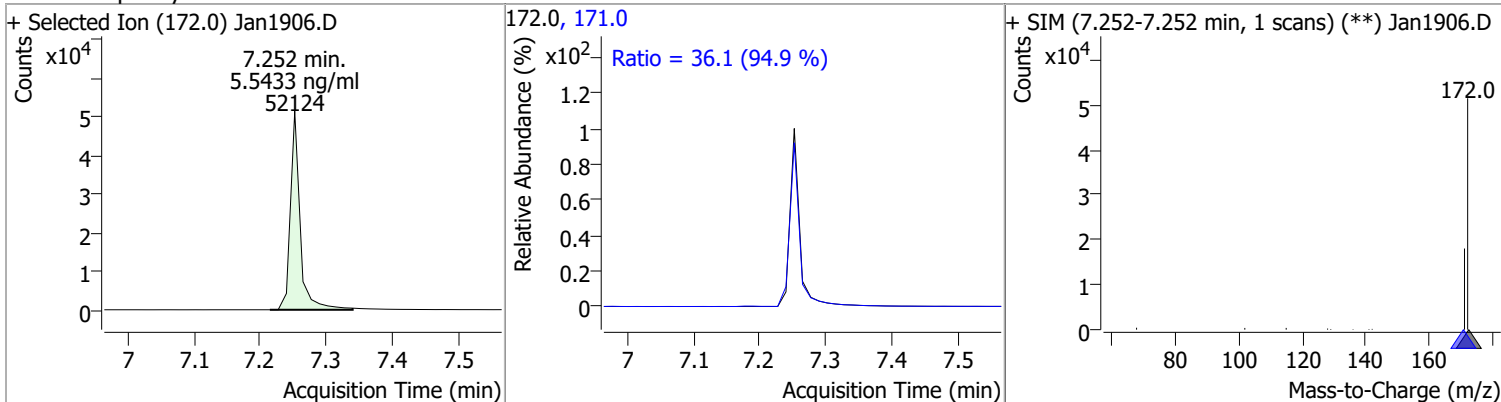


# Quantitation Results Report (QT Reviewed)

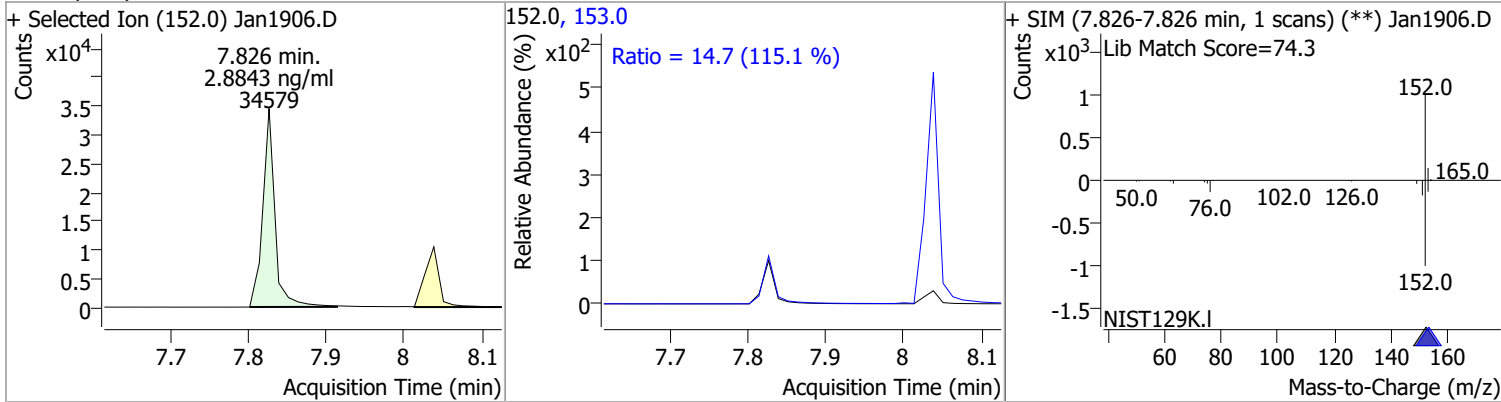
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.5083	6.89	-0.01	18316	142.0	116.5	79.2	147.1
					115.0	62.2	47.5	88.2



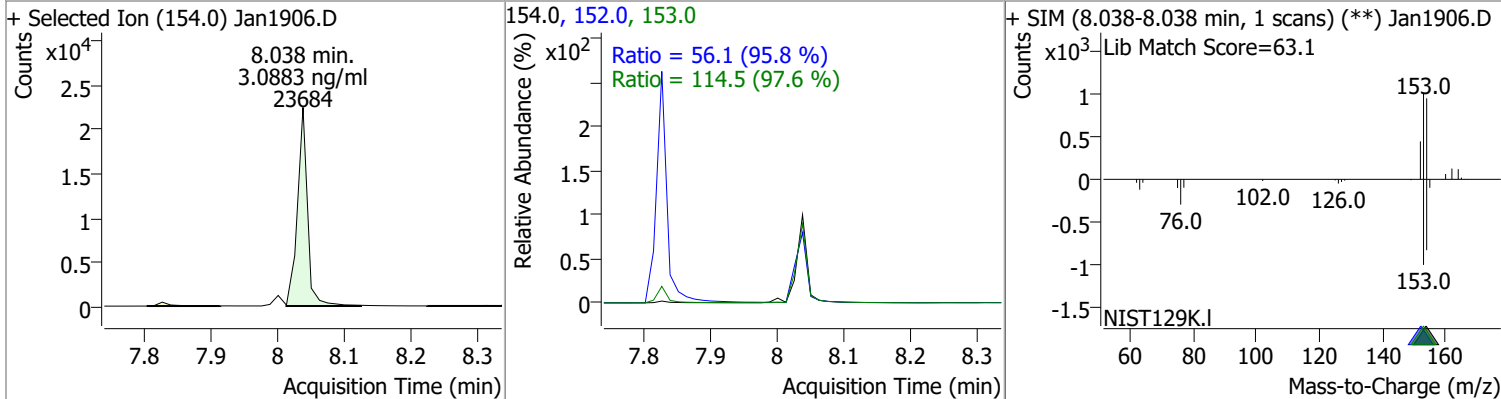
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	5.5433	7.25	-0.01	52124	171.0	36.1	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	2.8843	7.83	0.00	34579	153.0	14.7	9.0	16.6

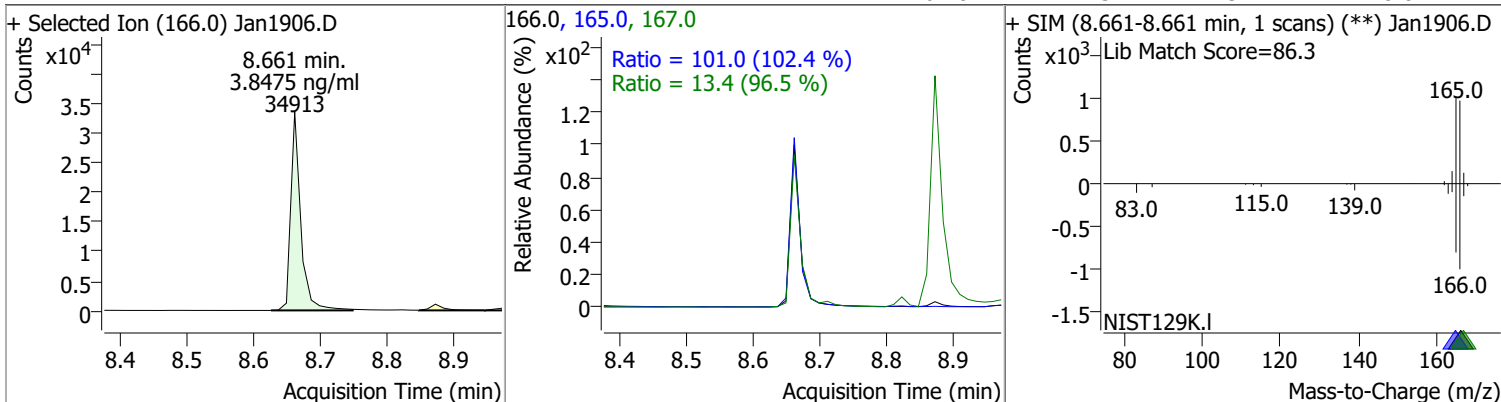


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	3.0883	8.04	0.00	23684	153.0	114.5	82.1	152.6
					152.0	56.1	41.0	76.1

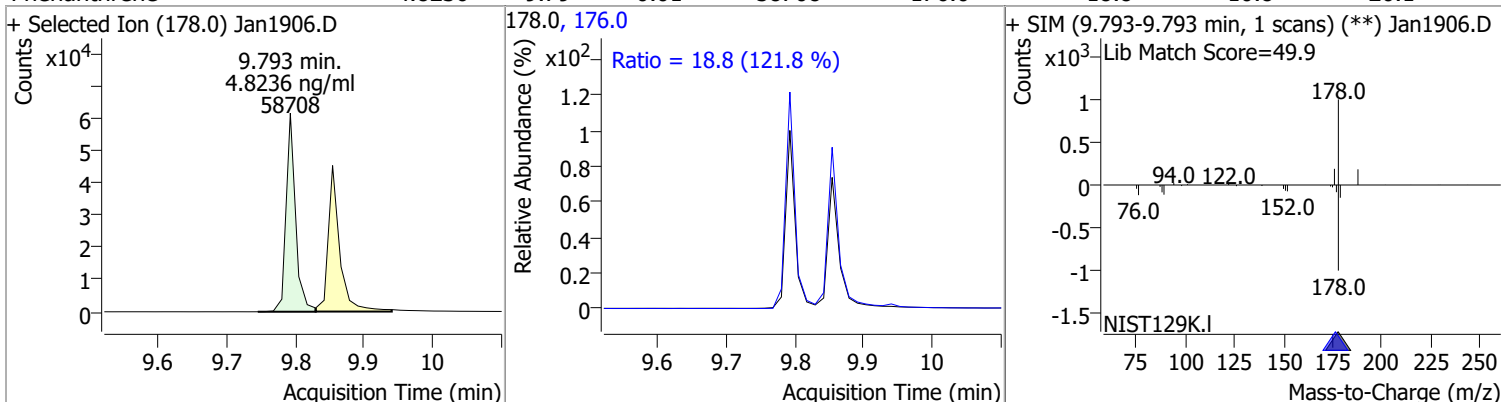


# Quantitation Results Report (QT Reviewed)

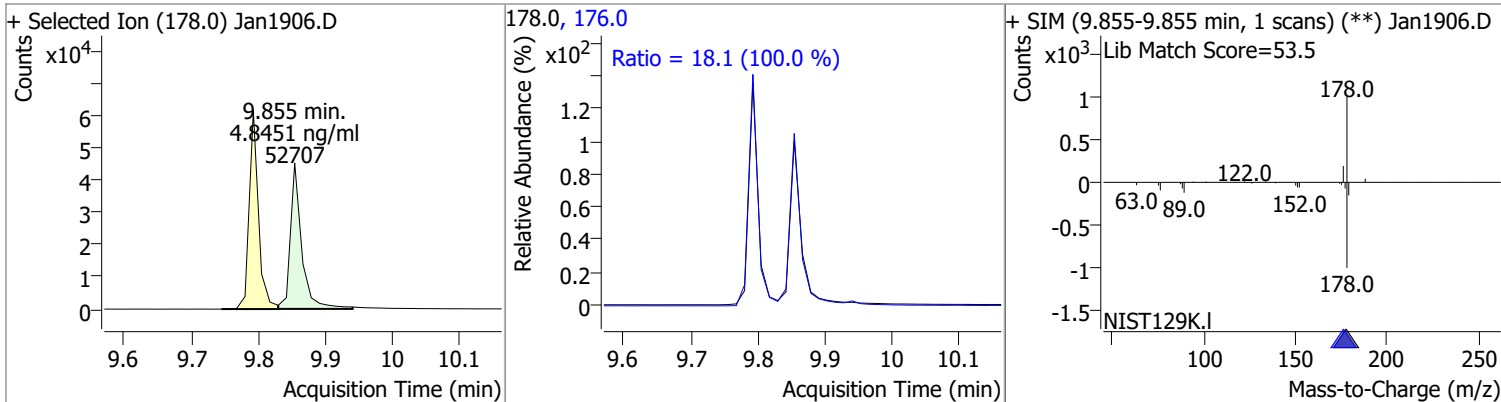
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.8475	8.66	-0.01	34913	165.0 167.0	101.0 13.4	69.1 9.7	128.3 18.0



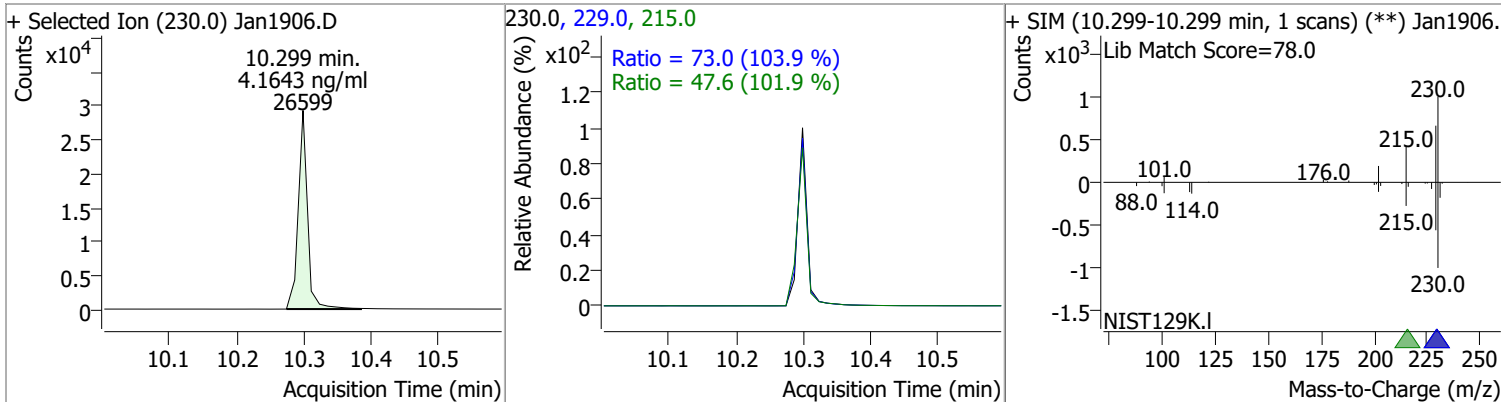
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.8236	9.79	-0.01	58708	176.0	18.8	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.8451	9.85	-0.01	52707	176.0	18.1	12.7	23.5

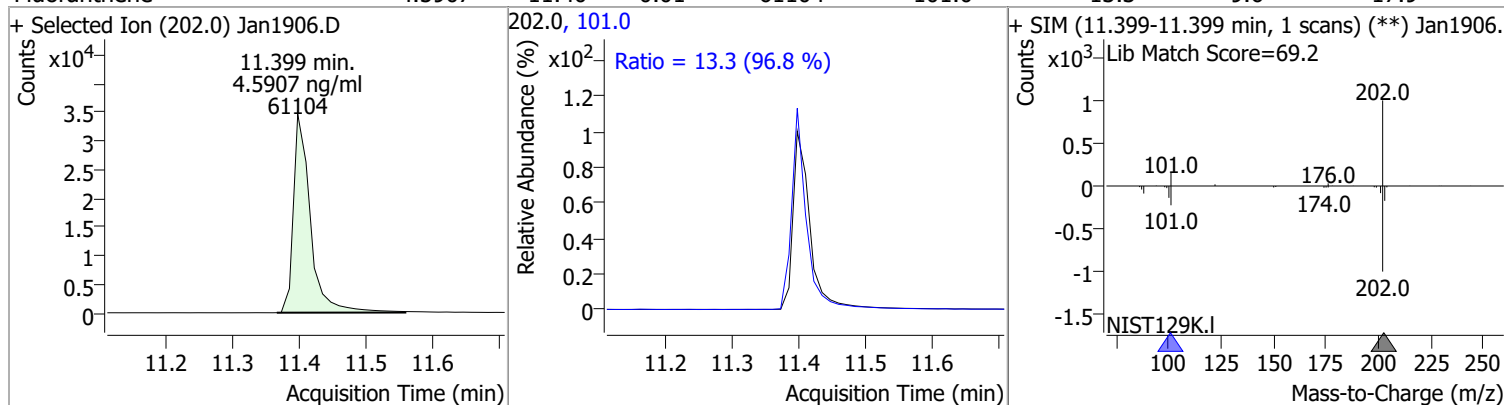


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.1643	10.30	0.00	26599	229.0 215.0	73.0 47.6	49.2 32.7	91.3 60.7

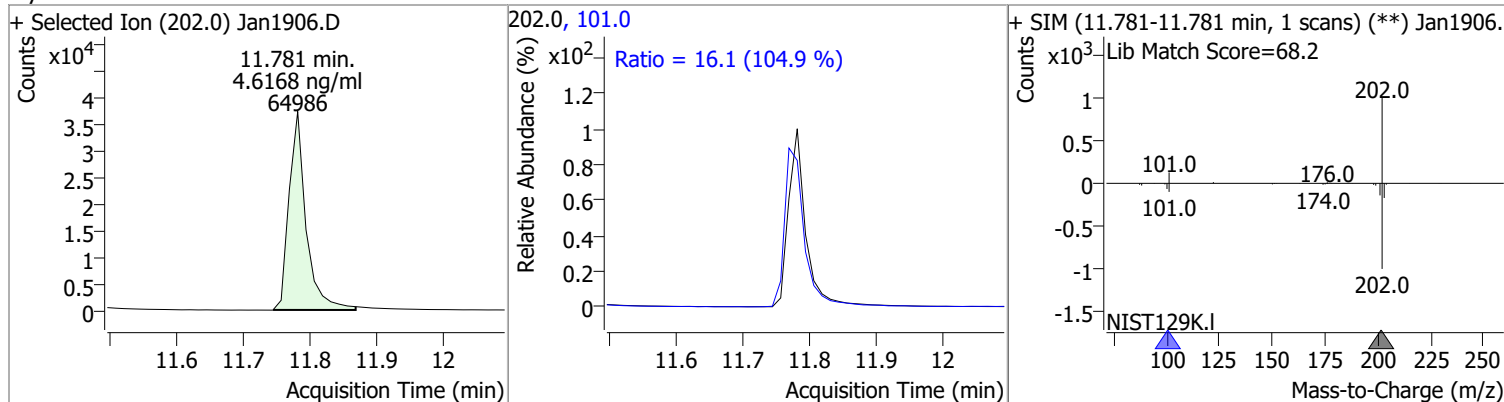


# Quantitation Results Report (QT Reviewed)

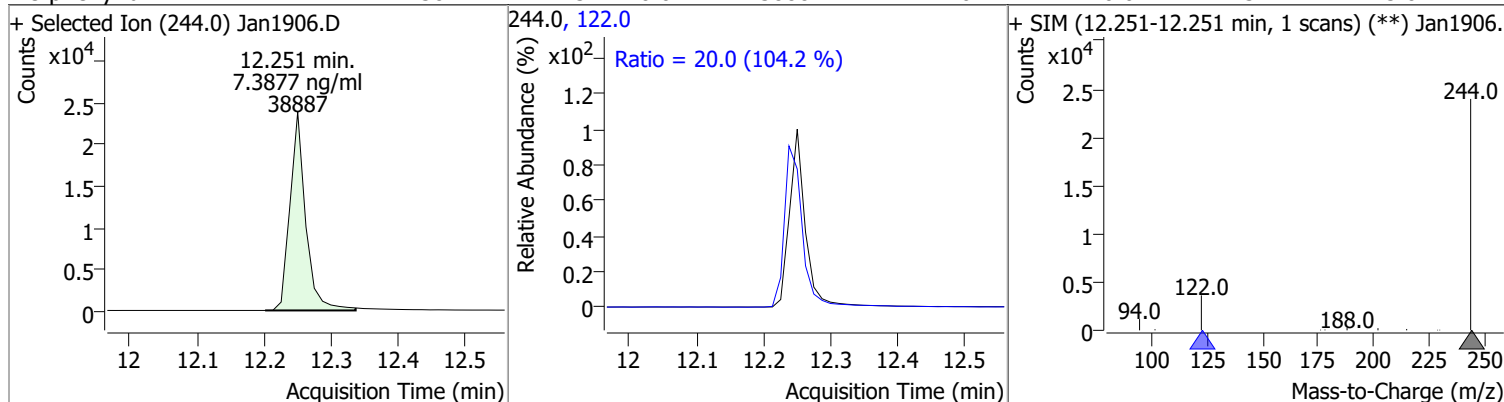
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.5907	11.40	-0.01	61104	101.0	13.3	9.6	17.9



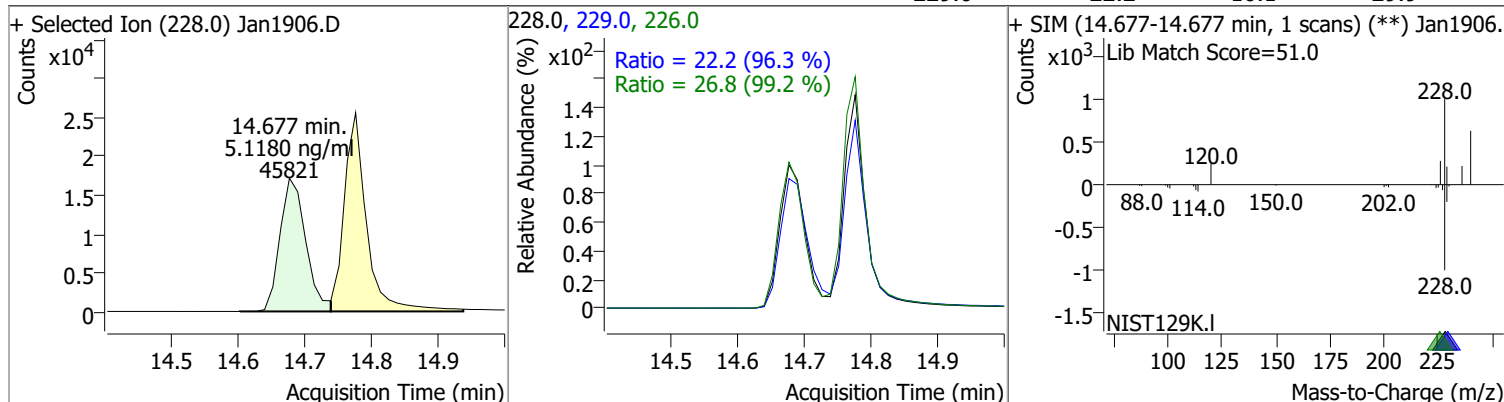
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.6168	11.78	-0.01	64986	101.0	16.1	10.7	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	7.3877	12.25	-0.01	38887	122.0	20.0	13.4	25.0

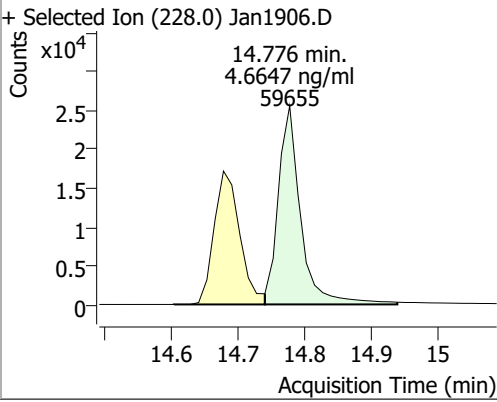
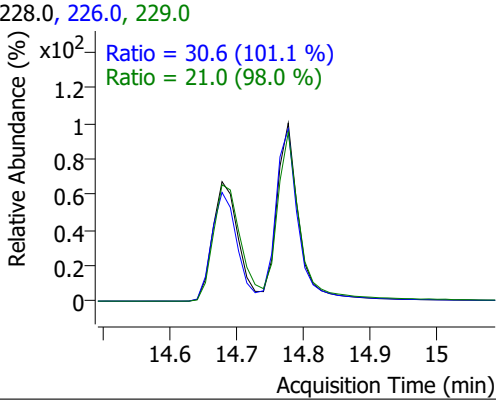
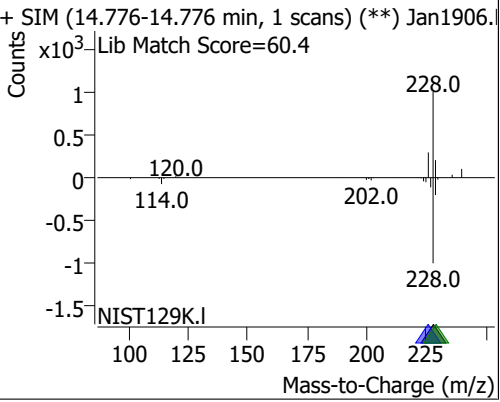
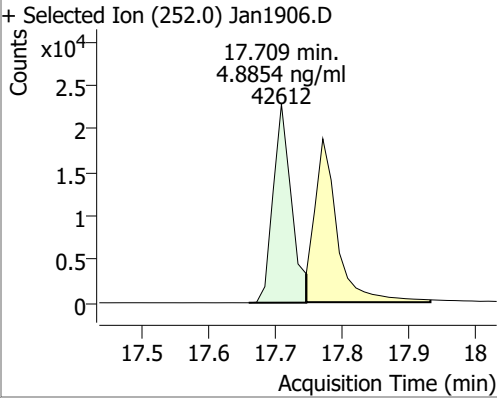
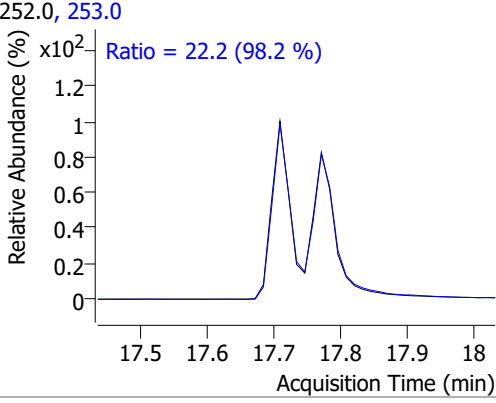
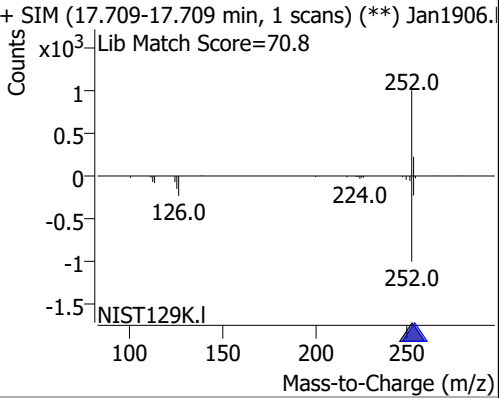
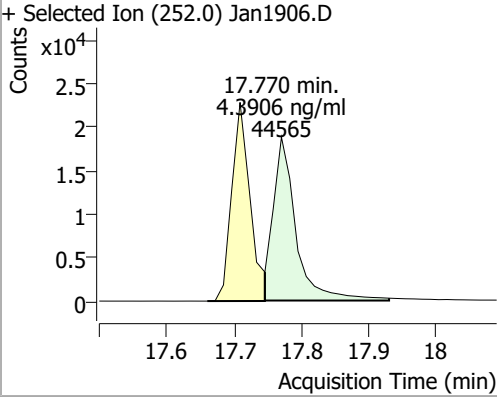
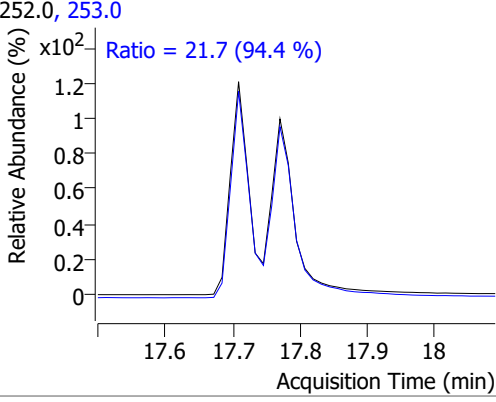
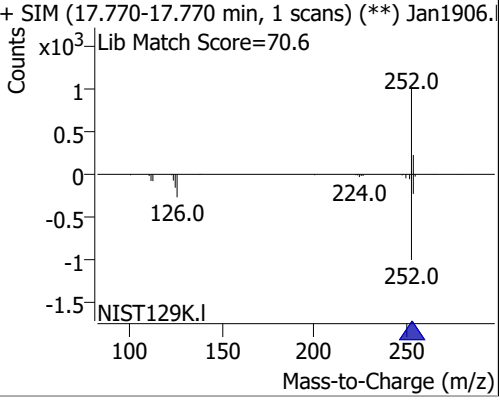
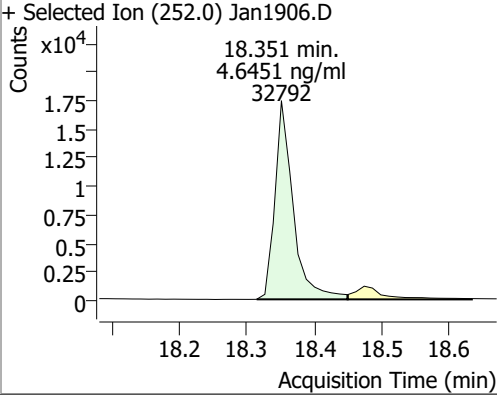
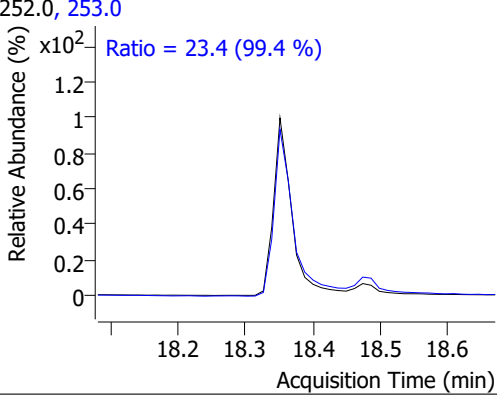
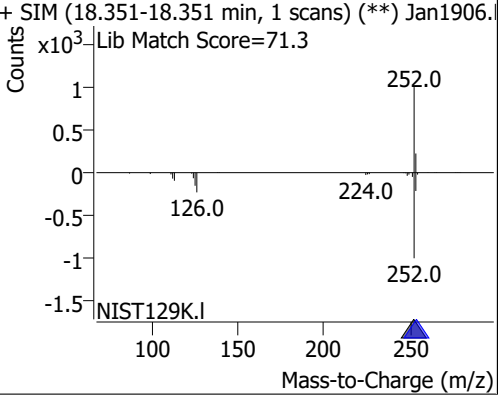


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	5.1180	14.68	-0.02	45821	226.0	26.8	18.9	35.1
					229.0	22.2	16.1	29.9





# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	4.6647	14.78	-0.01	59655	226.0 229.0	30.6 21.0	21.2 15.0	39.4 27.8
+ Selected Ion (228.0) Jan1906.D 			228.0, 226.0, 229.0 			+ SIM (14.776-14.776 min, 1 scans) (**) Jan1906. Lib Match Score=60.4 		
Benzo(b)fluoranthene	4.8854	17.71	-0.02	42612	253.0	22.2	15.8	29.4
+ Selected Ion (252.0) Jan1906.D 			252.0, 253.0 			+ SIM (17.709-17.709 min, 1 scans) (**) Jan1906. Lib Match Score=70.8 		
Benzo(k)fluoranthene	4.3906	17.77	-0.02	44565	253.0	21.7	16.1	29.9
+ Selected Ion (252.0) Jan1906.D 			252.0, 253.0 			+ SIM (17.770-17.770 min, 1 scans) (**) Jan1906. Lib Match Score=70.6 		
Benzo(a)pyrene	4.6451	18.35	-0.02	32792	253.0	23.4	16.5	30.6
+ Selected Ion (252.0) Jan1906.D 			252.0, 253.0 			+ SIM (18.351-18.351 min, 1 scans) (**) Jan1906. Lib Match Score=71.3 		

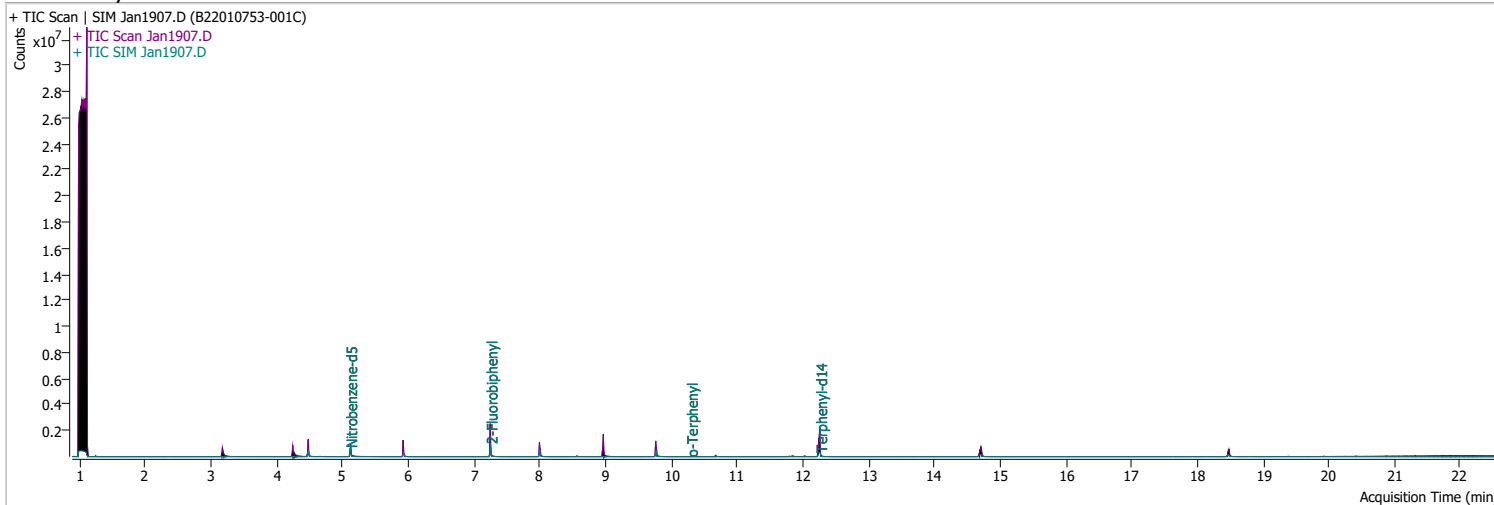
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	4.5403	20.20	-0.02	30696	138.0	27.8	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1906.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 27.8 (96.2 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.205-20.205 min, 1 scans) (**) Jan1906.D</p> <p>Lib Match Score=78.6</p> </div> </div>								
Dibenzo(a,h)anthracene	4.5008	20.28	-0.02	34809	279.0	25.2	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan1906.D</p> </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 25.2 (100.4 %)</p> <p>Ratio = 22.6 (93.9 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.279-20.279 min, 1 scans) (**) Jan1906.D</p> <p>Lib Match Score=77.7</p> </div> </div>								
Benzo(g,h,i)perylene	4.5089	20.54	-0.02	43296	138.0	27.1	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1906.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 27.1 (96.5 %)</p> <p>Ratio = 23.9 (102.6 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan1906.D</p> <p>Lib Match Score=78.8</p> </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan1907.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/19/2022 1:52:57 PM
Sample Name	B22010753-001C	Instrument	GCMS
Vial	7	Multiplier	1.00
DA Method File	011822 bna SIM1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011922 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.484	152.0	188552	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.928	136.0	353899	40.0000	ng/ml	-0.012
M Acenaphthene-d10	8.001	164.0	192898	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	385918	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	271926	40.0000	ng/ml	-0.012
M Perylene-d12	18.475	264.0	182420	40.0000	ng/ml	-0.025
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	388667	37.7163	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 754.33%		*
S 2-Fluorobiphenyl	7.252	172.0	651528	70.2683	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1405.37%		*
S o-Terphenyl	10.299	230.0	544	0.0866	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 1.73%		*
S Terphenyl-d14	12.263	244.0	504138	70.3311	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1406.62%		*
<b>Target Compounds</b>						<b>QValue</b>
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.001	154.0	0		ng/ml	md
T Fluorene	8.960	166.0	0		ng/ml	md
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.702	228.0	0		ng/ml	md
T Chrysene	14.764	228.0	0		ng/ml	md
T Benzo(b)fluoranthene	0.000		0	N.D.		

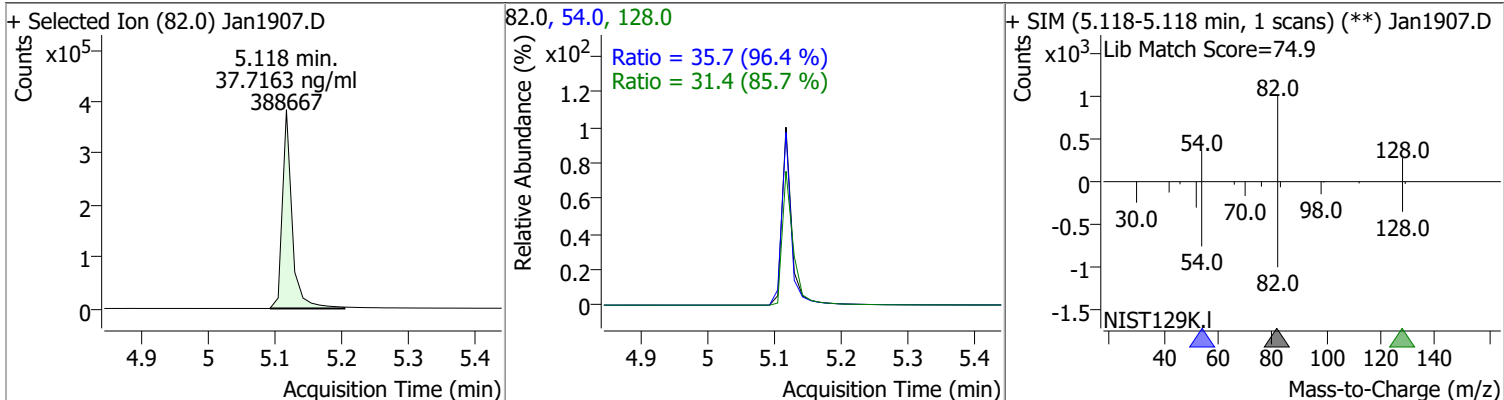
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.475	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

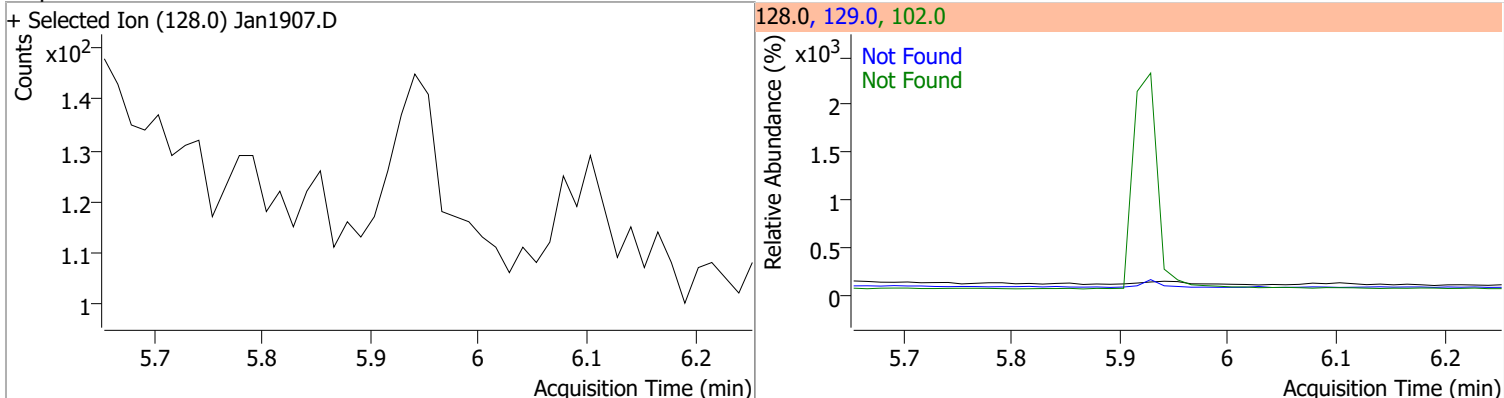
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

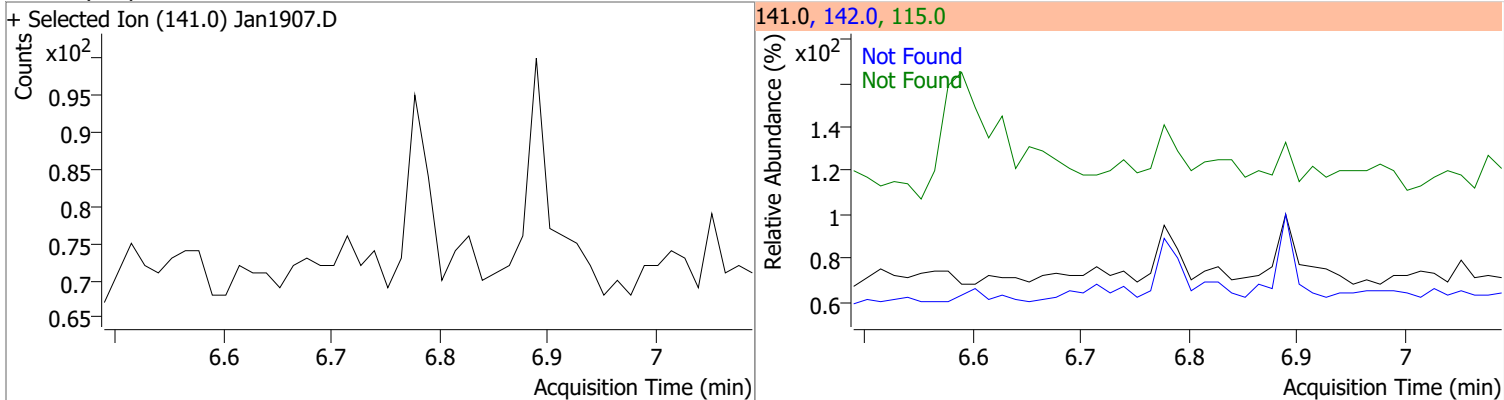
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	37.7163	5.12	-0.02	388667	54.0	35.7	25.9	48.1
					128.0	31.4	25.6	47.6



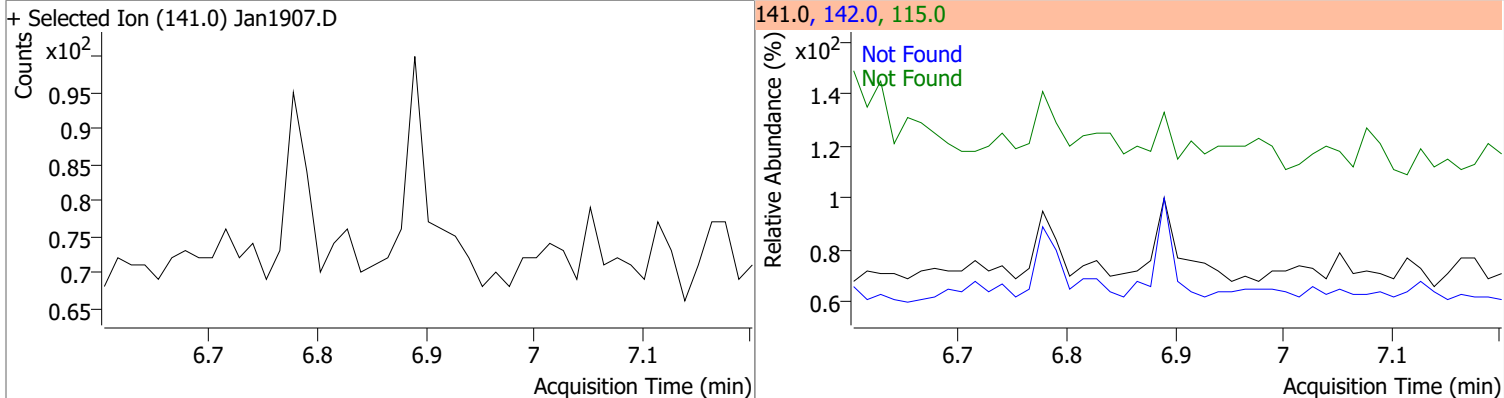
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



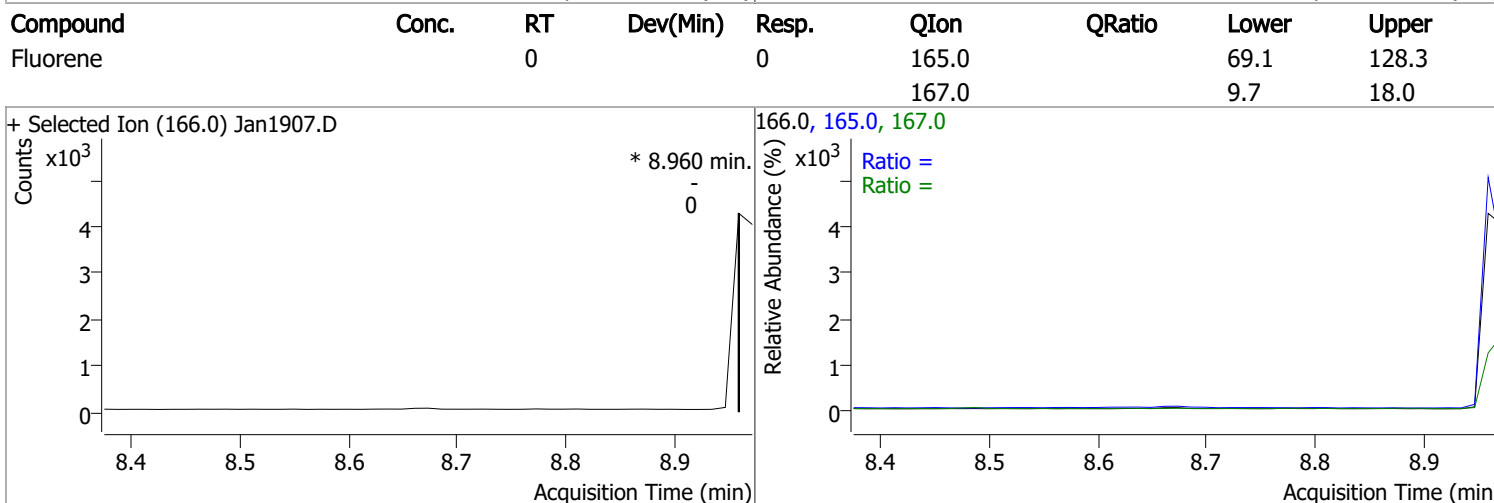
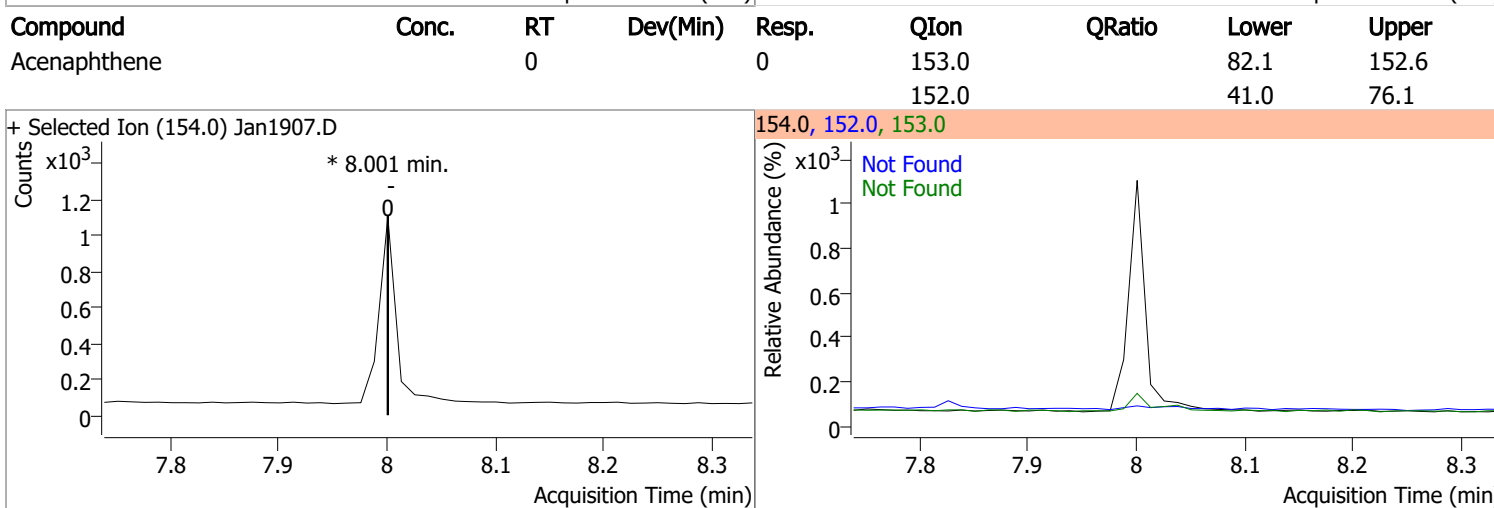
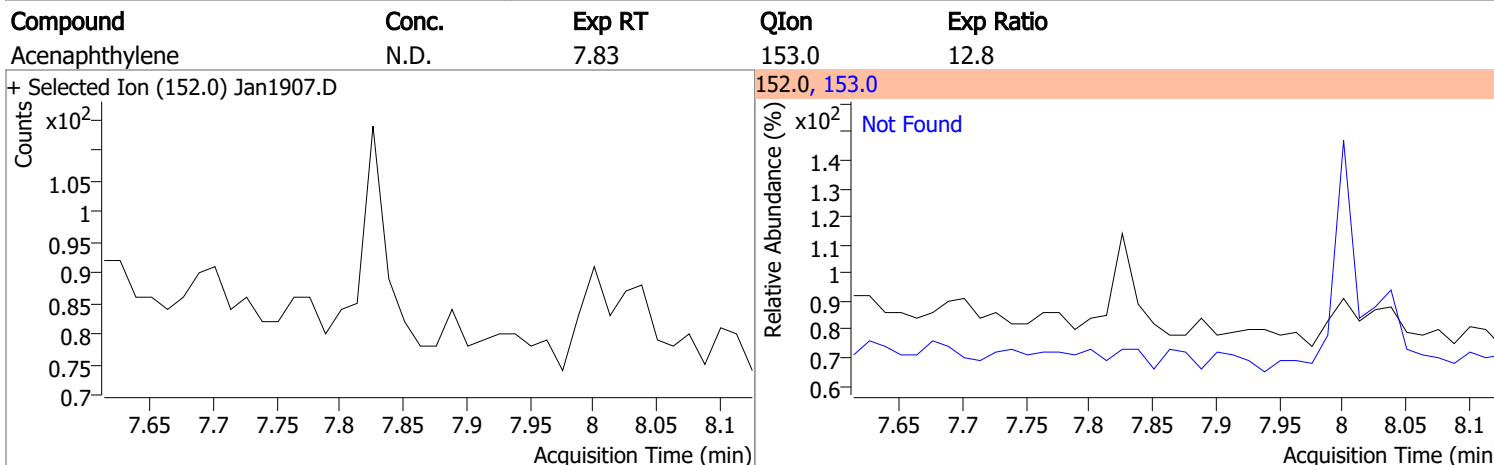
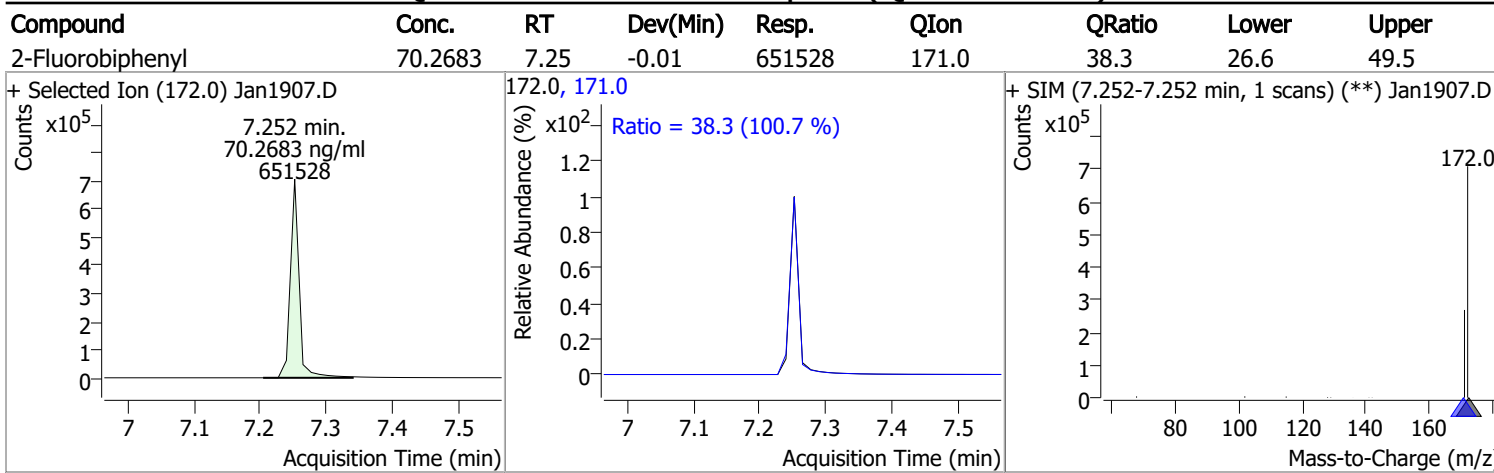
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

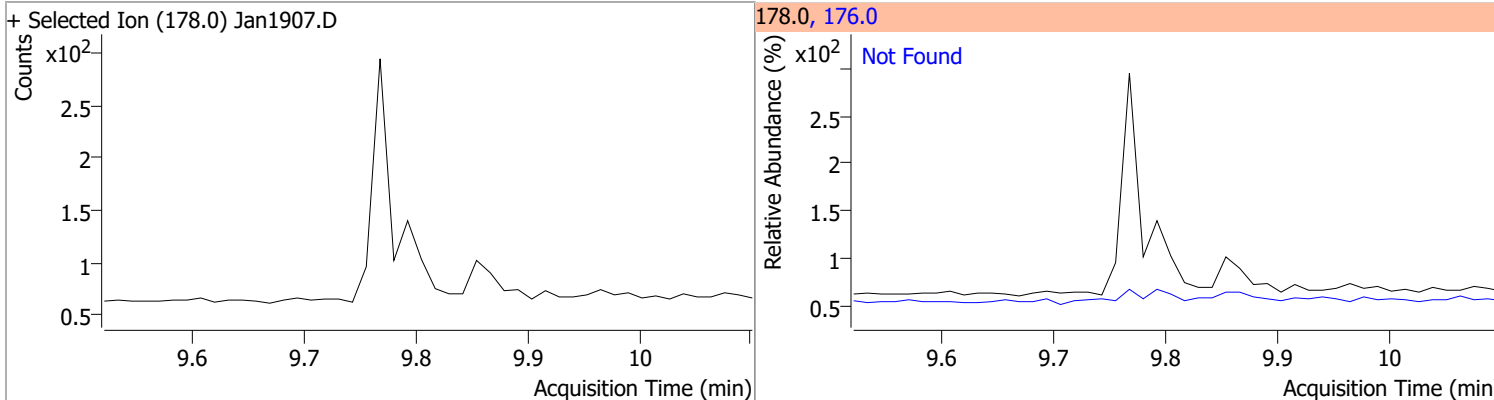


# Quantitation Results Report (QT Reviewed)

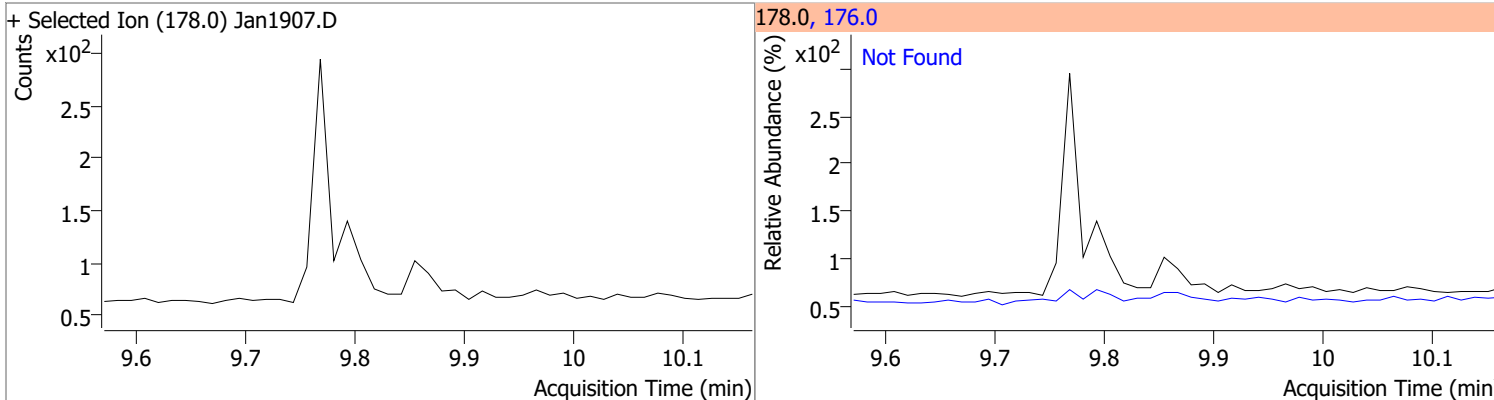


# Quantitation Results Report (QT Reviewed)

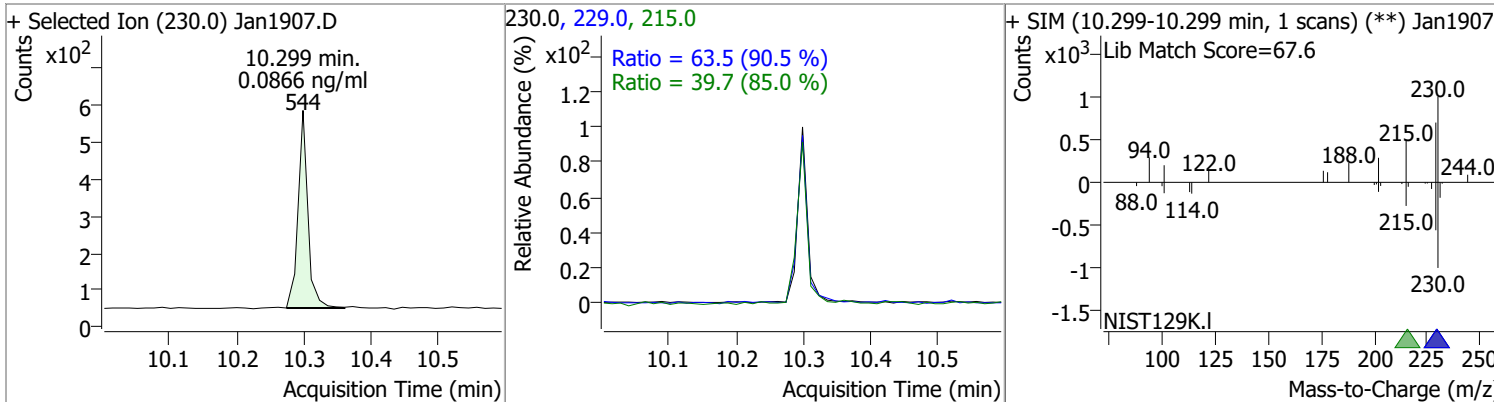
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



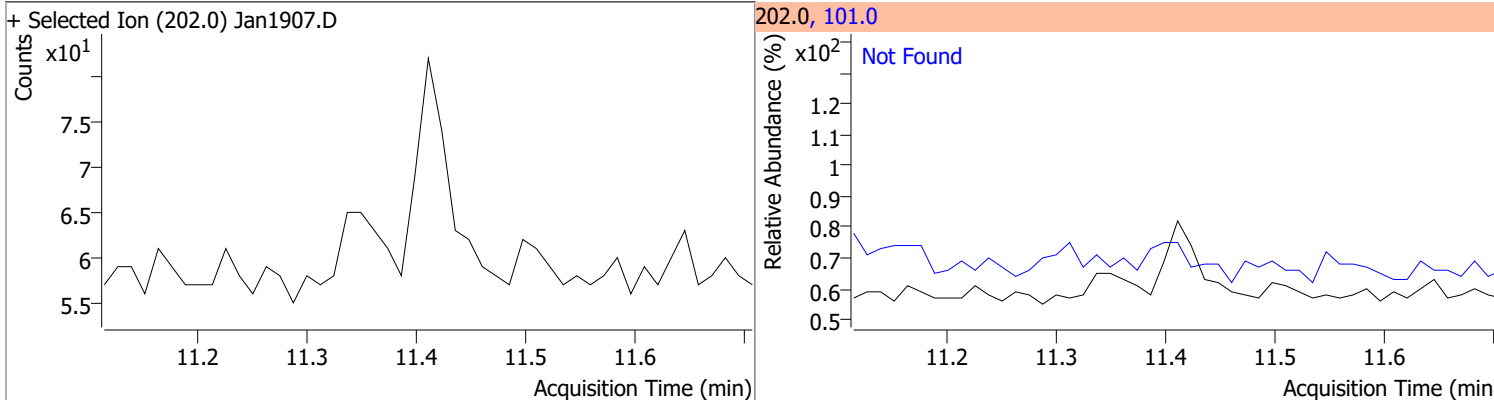
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.87	176.0	18.1



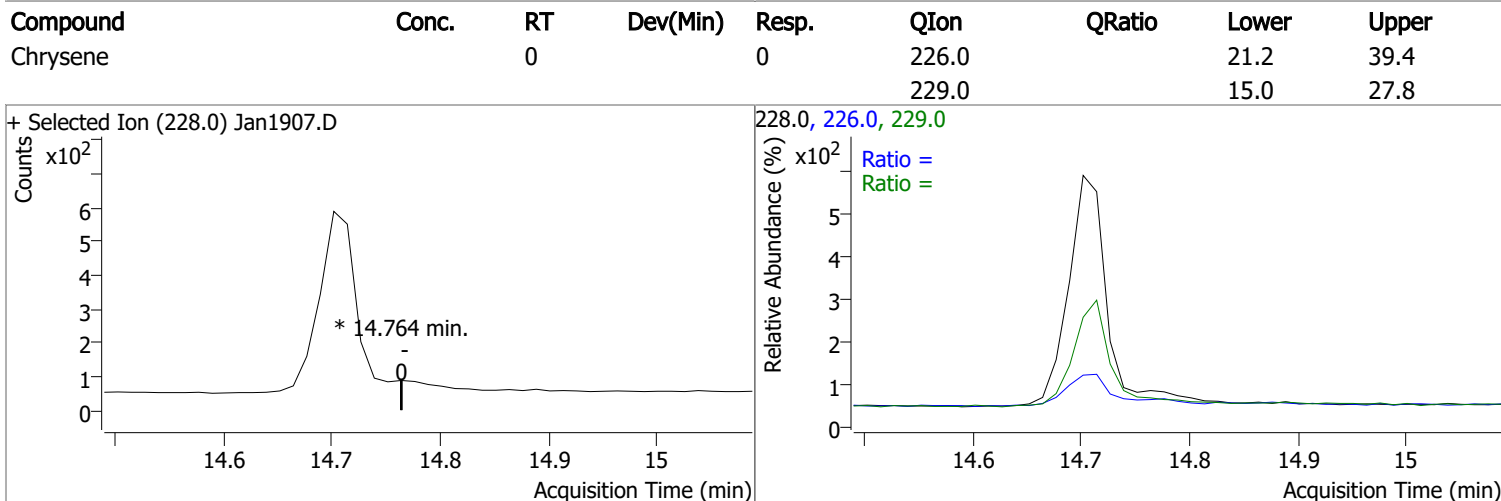
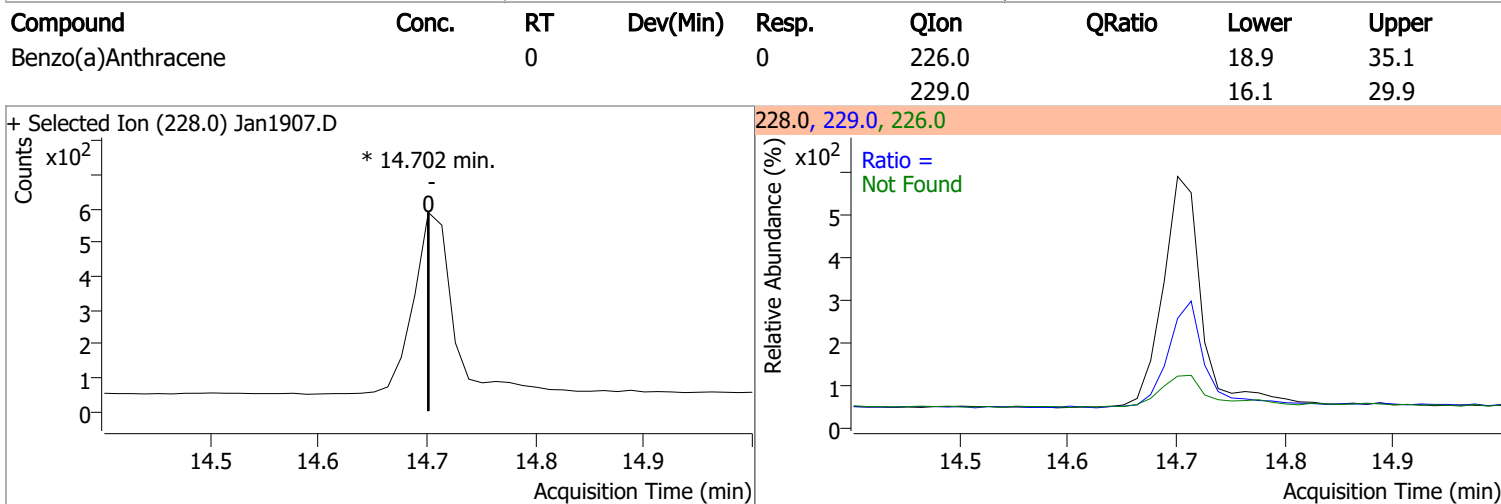
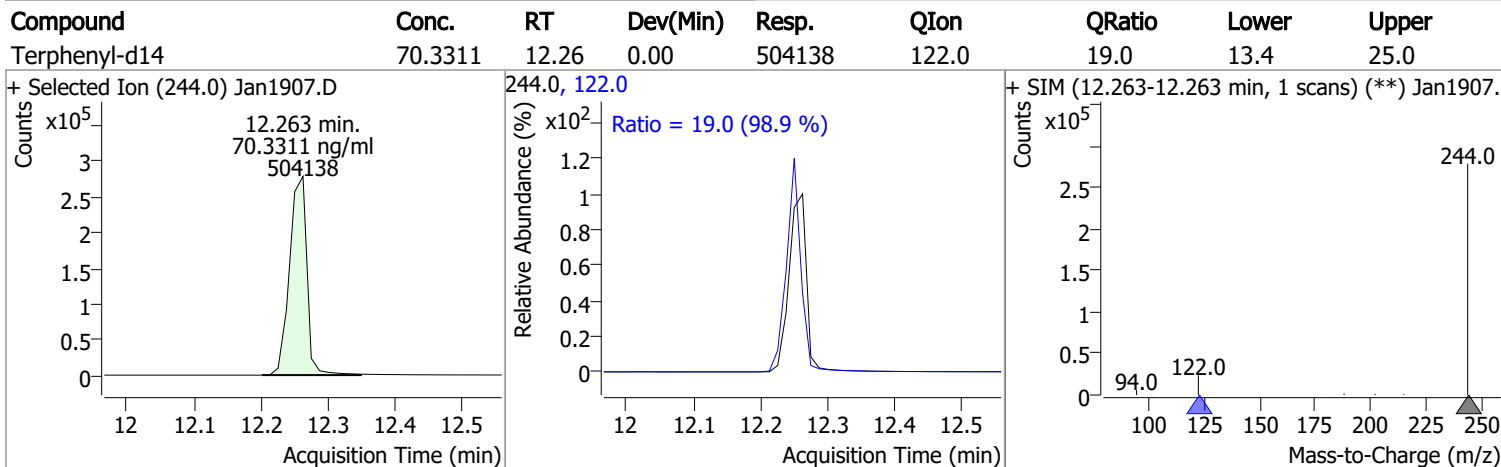
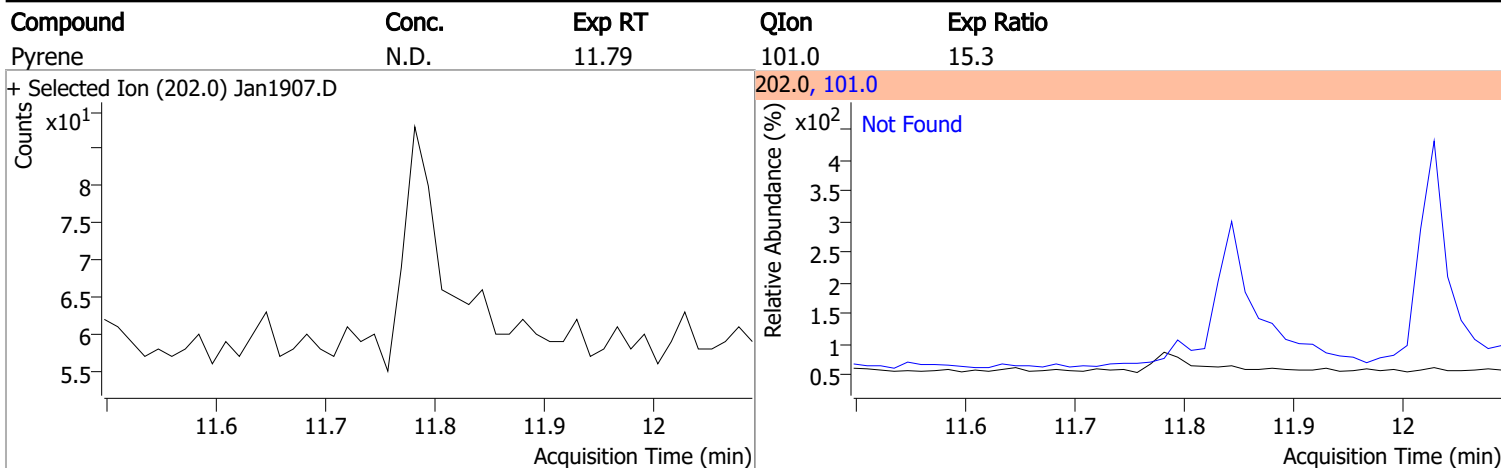
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.0866	10.30	0.00	544	229.0	63.5	49.2	91.3
					215.0	39.7	32.7	60.7



Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8

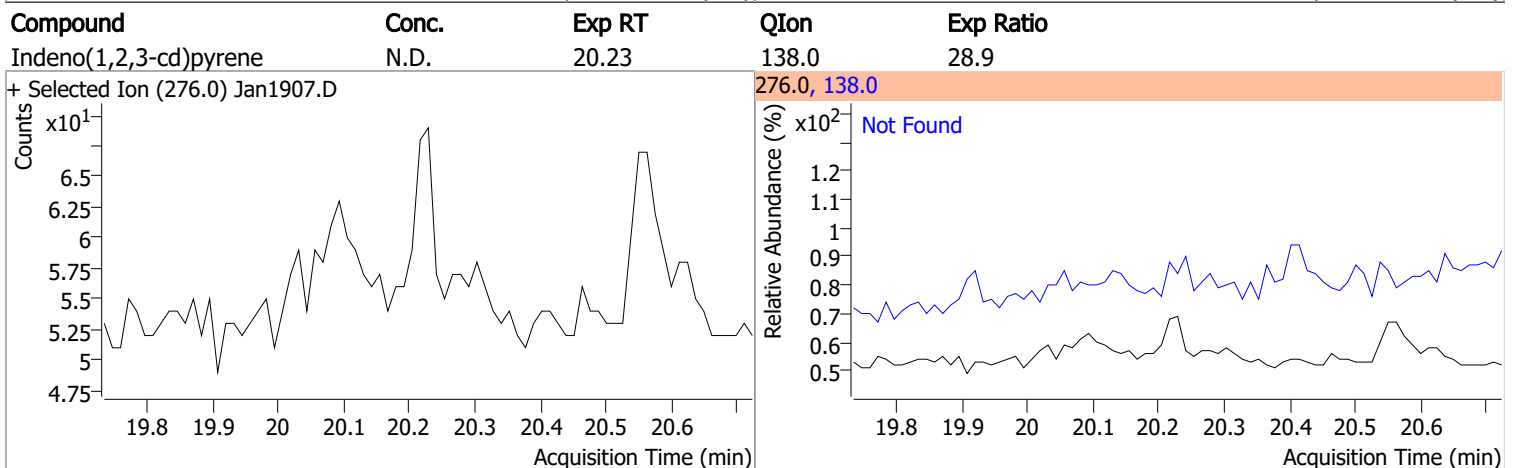
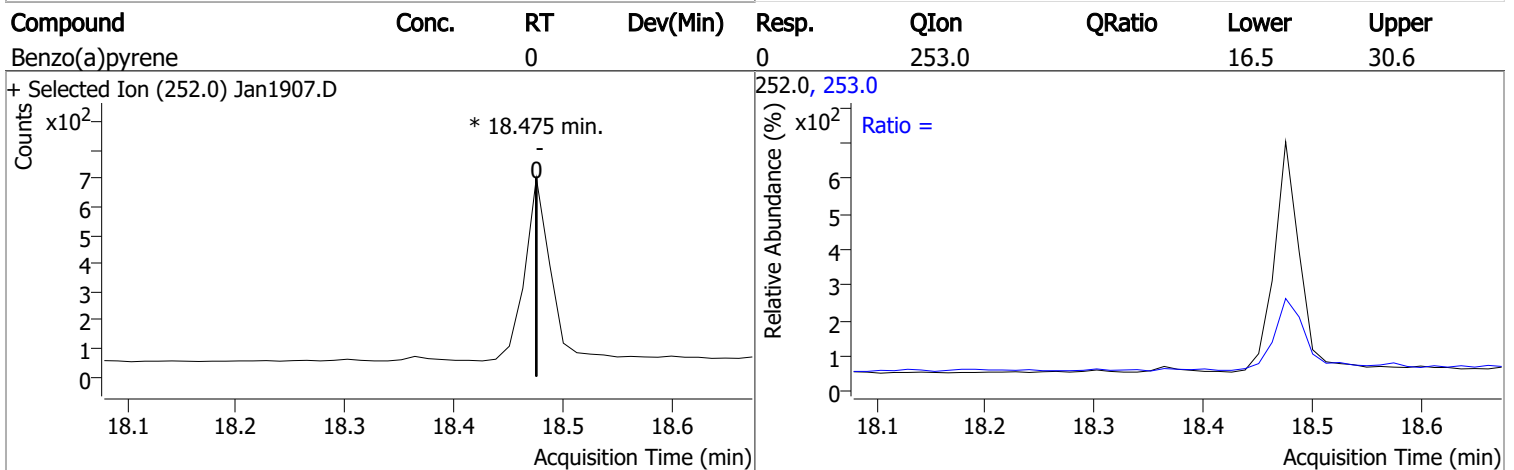
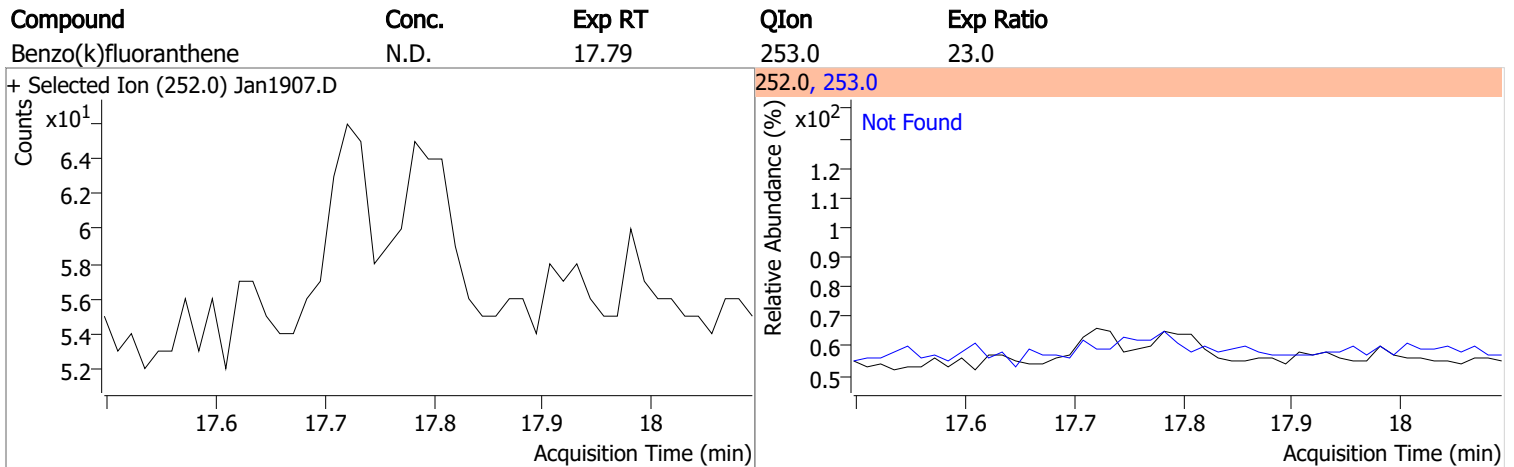
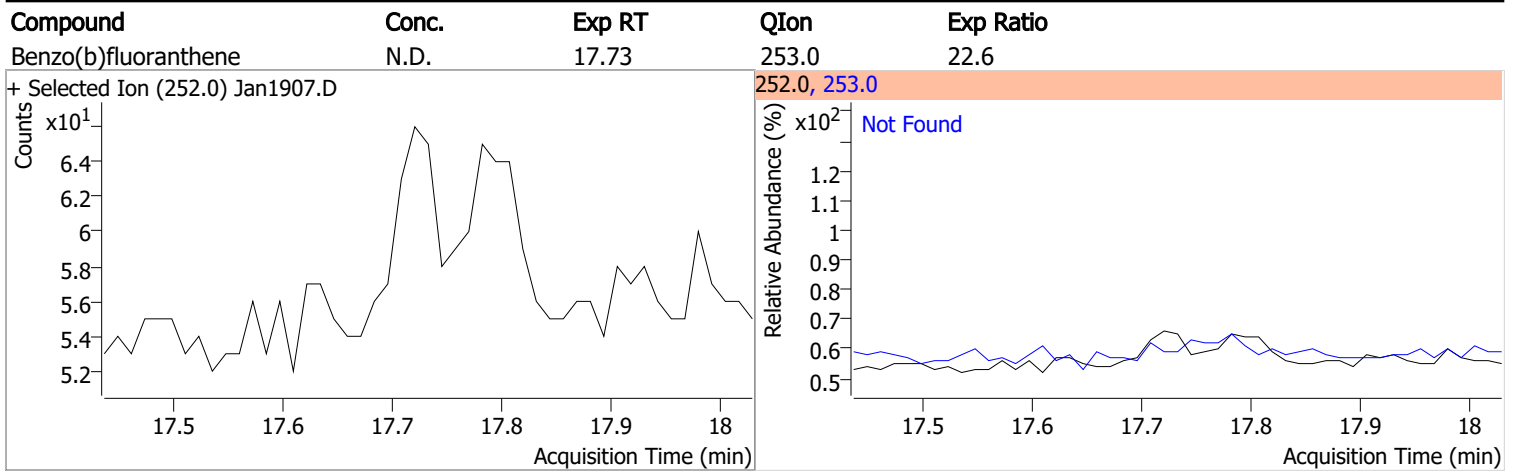


# Quantitation Results Report (QT Reviewed)



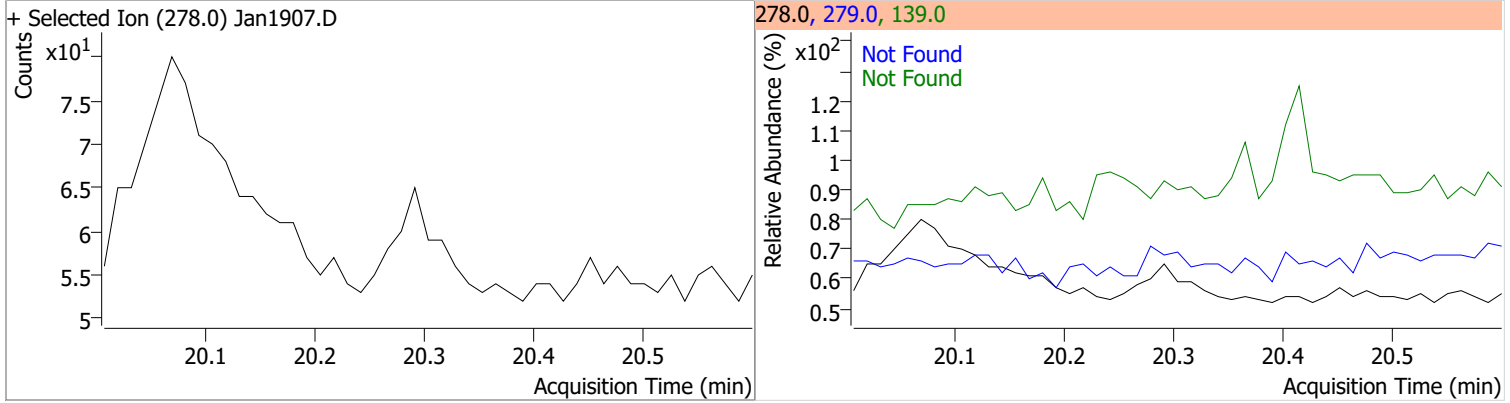


# Quantitation Results Report (QT Reviewed)

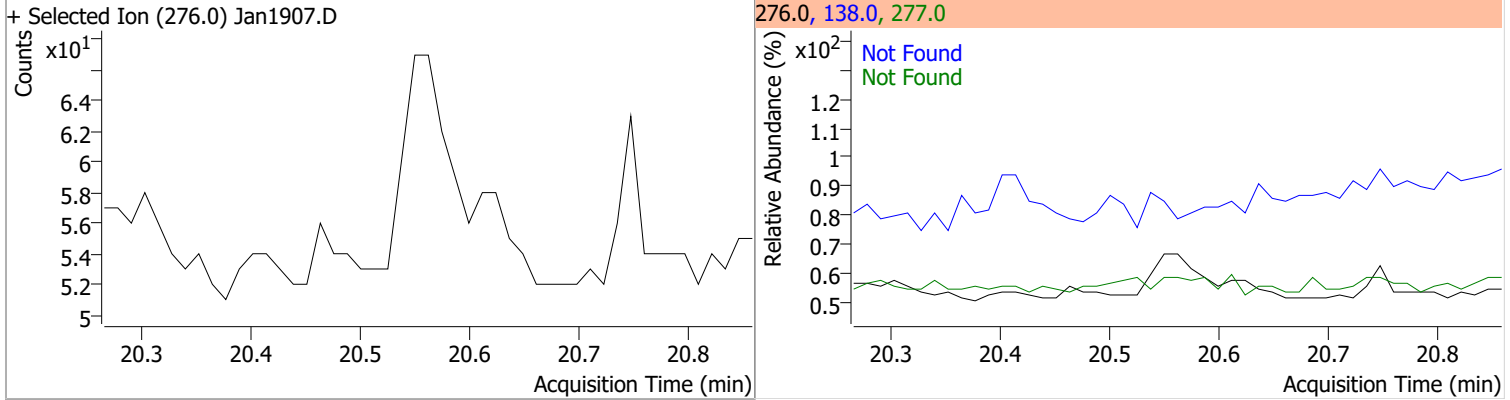


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



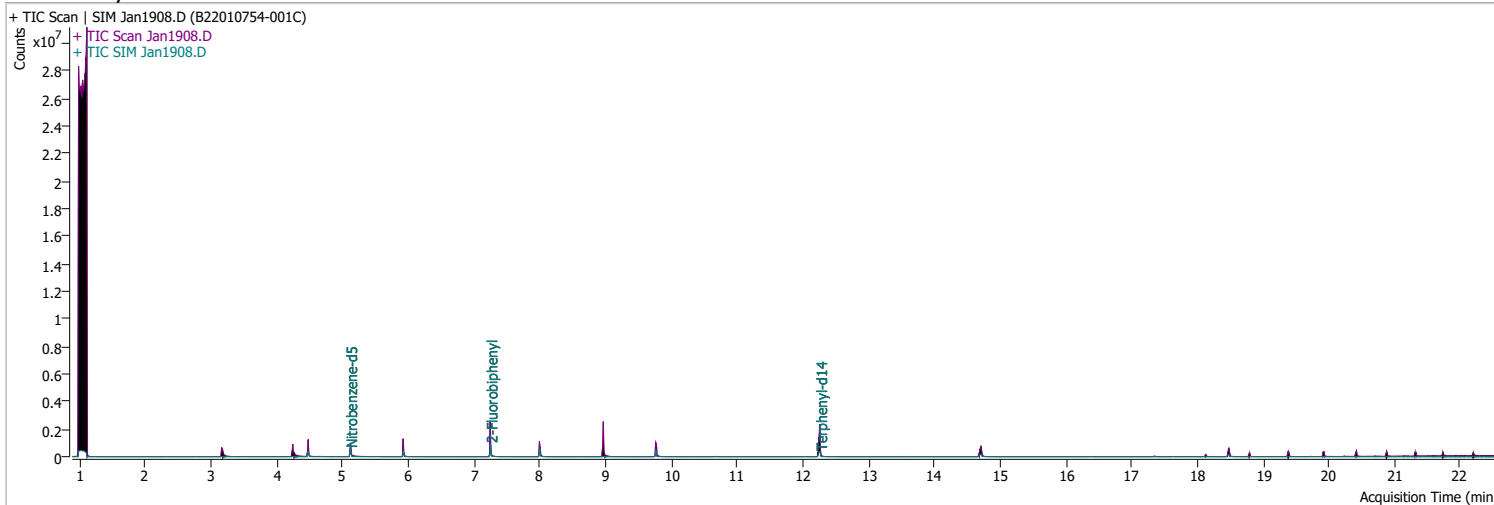
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3



# Quantitation Results Report (QT Reviewed)

Data File	Jan1908.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/19/2022 2:25:22 PM
Sample Name	B22010754-001C	Instrument	GCMS
Vial	8	Multiplier	1.00
DA Method File	011822 bna SIM1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011922 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.484	152.0	191175	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.928	136.0	363945	40.0000	ng/ml	-0.013
M Acenaphthene-d10	8.000	164.0	196556	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	391326	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	276524	40.0000	ng/ml	-0.012
M Perylene-d12	18.474	264.0	191754	40.0000	ng/ml	-0.025
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	394514	37.7413	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 754.83%		*
S 2-Fluorobiphenyl	7.252	172.0	656185	69.4537	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1389.07%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.263	244.0	537072	72.8431	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1456.86%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.000	154.0	0		ng/ml	md 1
T Fluorene	8.972	166.0	0		ng/ml	md 1
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.701	228.0	0		ng/ml	md 1
T Chrysene	14.776	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	0.000		0	N.D.		

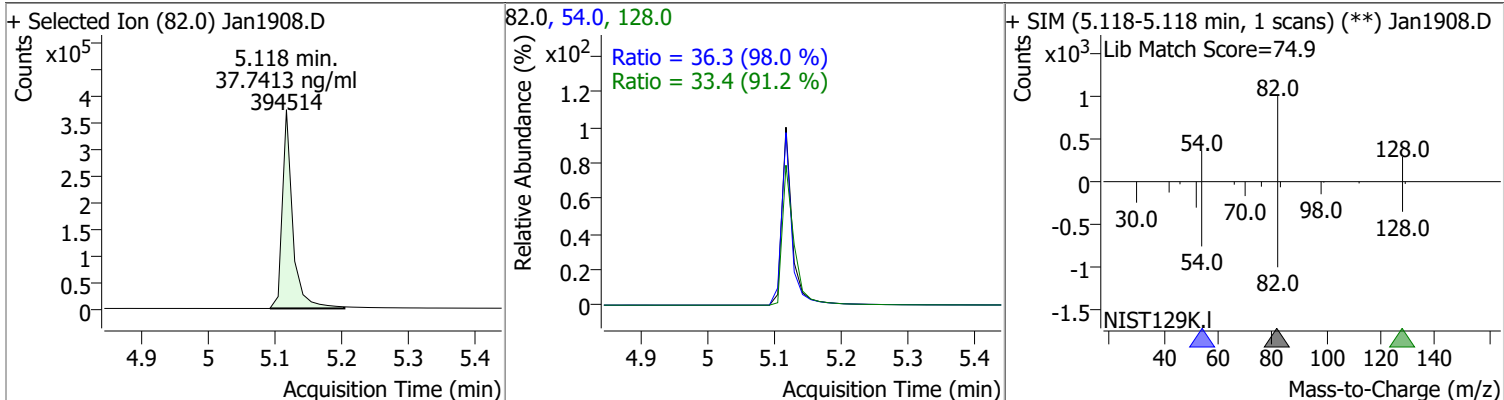
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.474	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

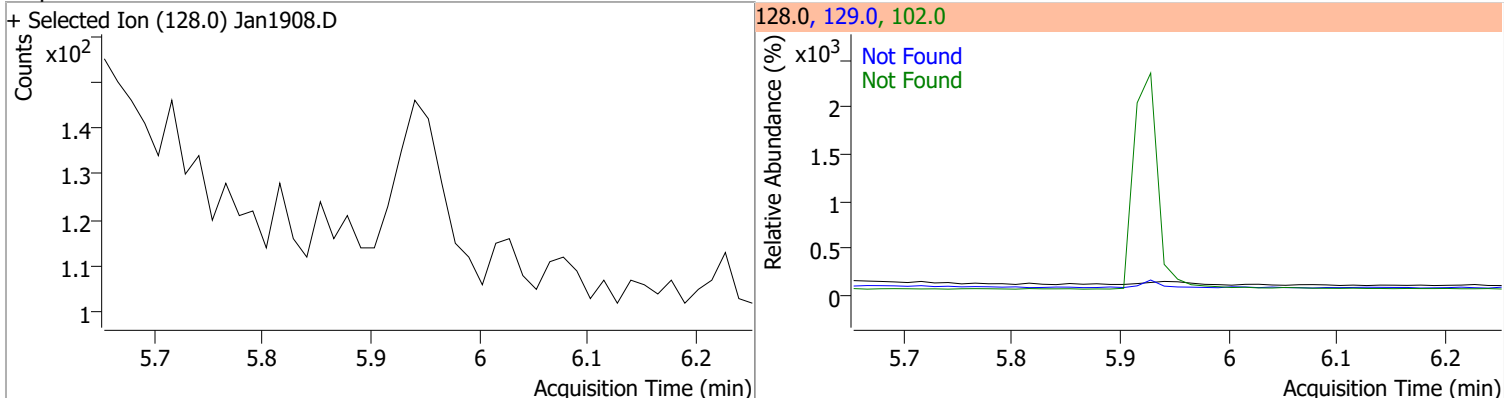
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

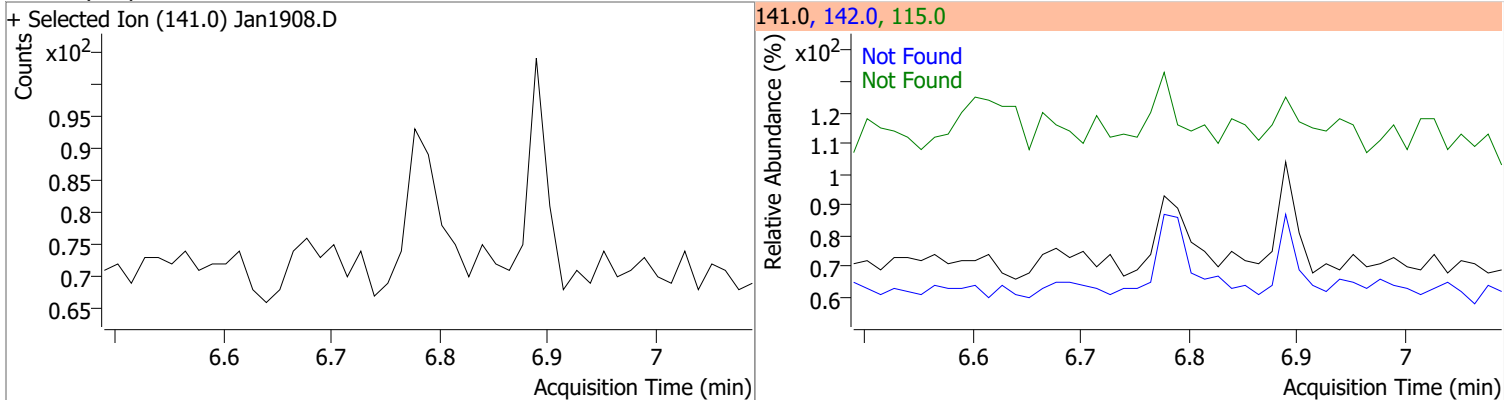
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	37.7413	5.12	-0.02	394514	54.0	36.3	25.9	48.1
					128.0	33.4	25.6	47.6



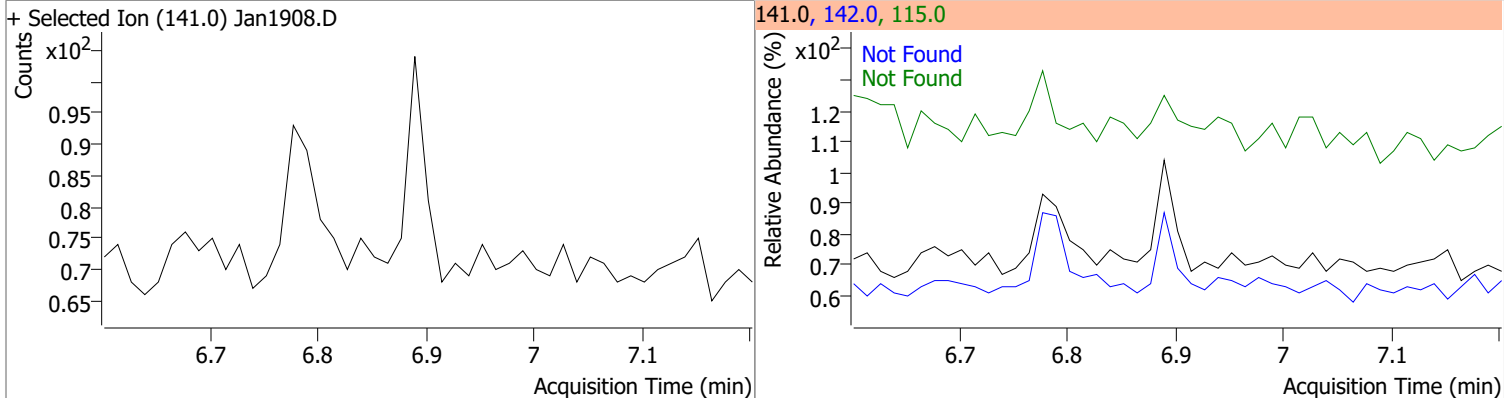
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7

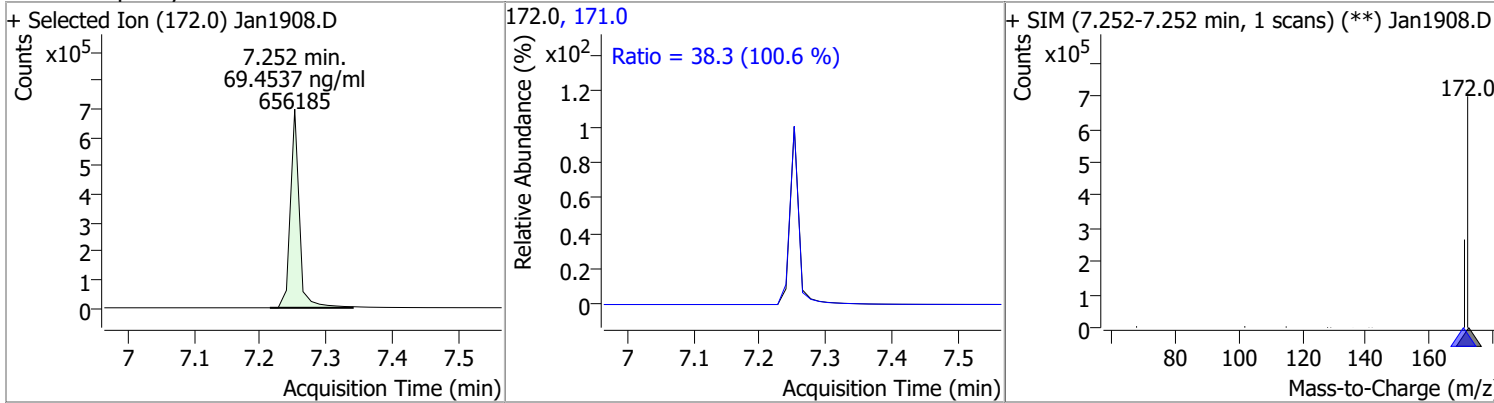


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

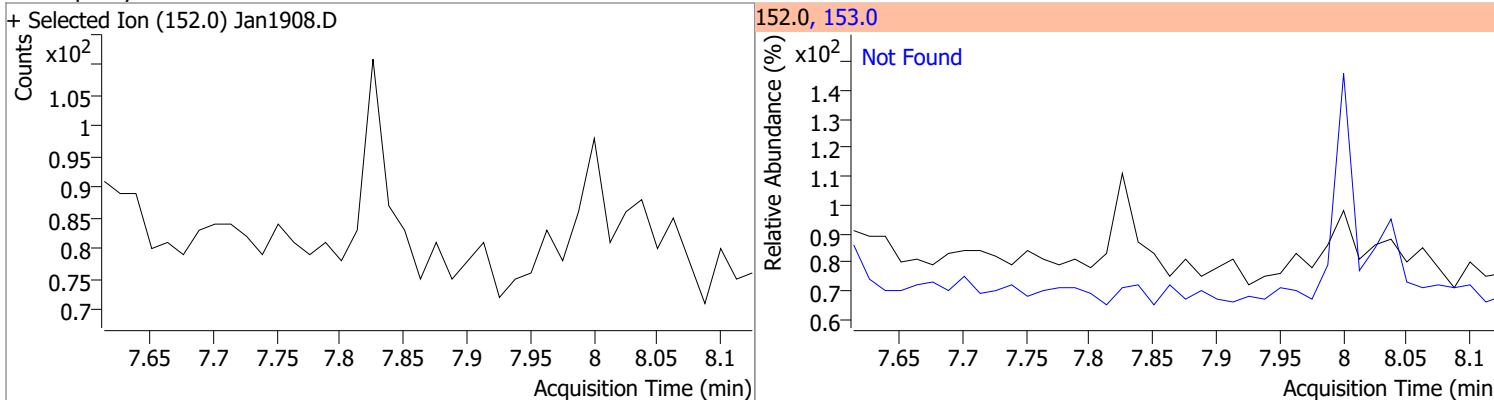


# Quantitation Results Report (QT Reviewed)

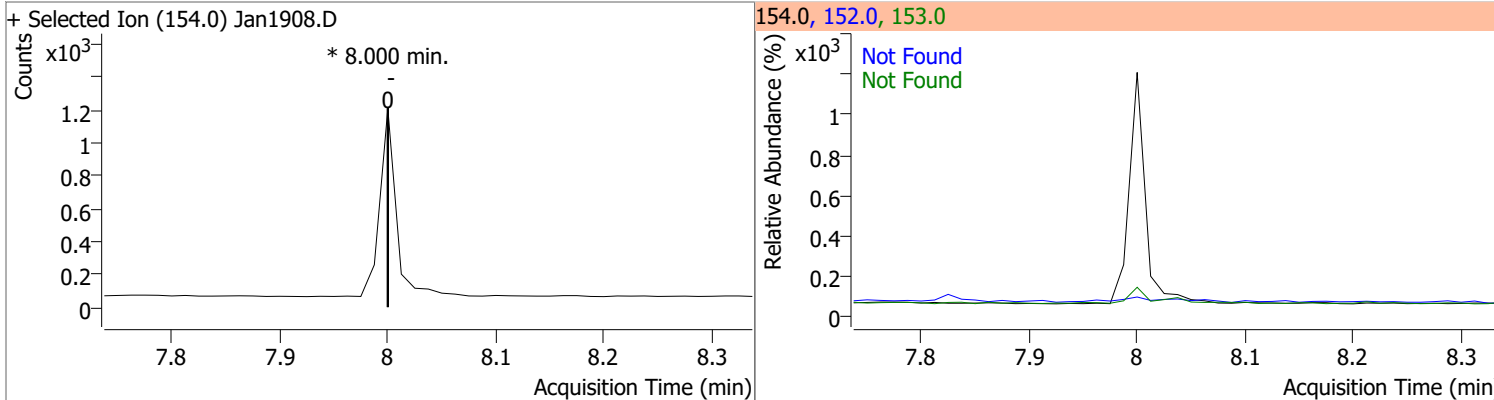
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	69.4537	7.25	-0.01	656185	171.0	38.3	26.6	49.5



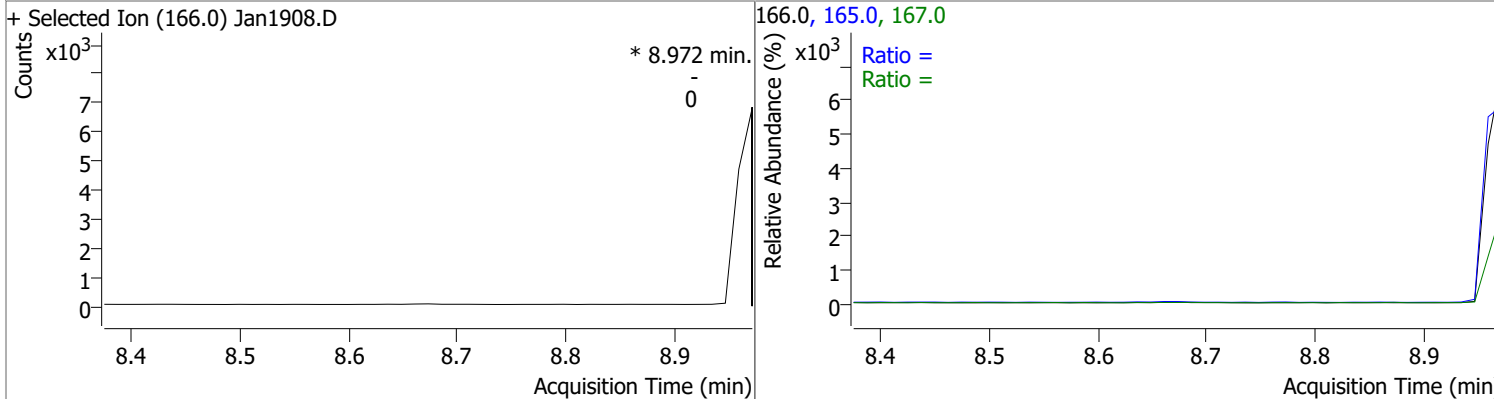
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



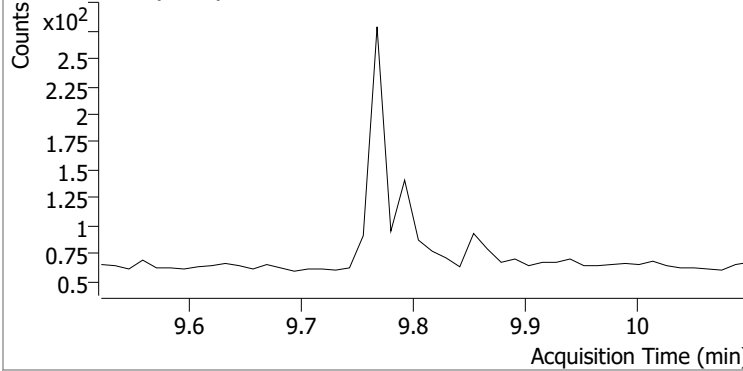
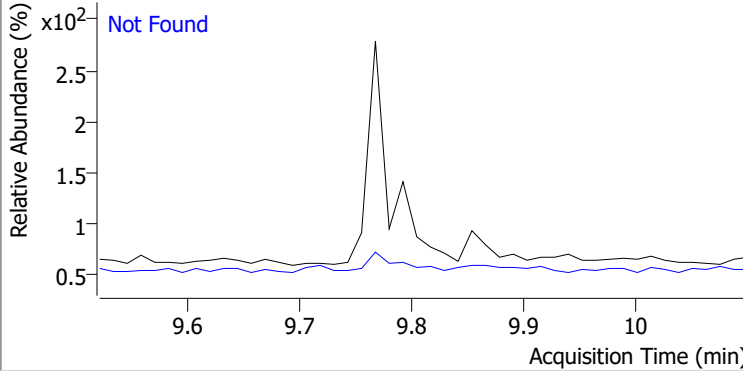
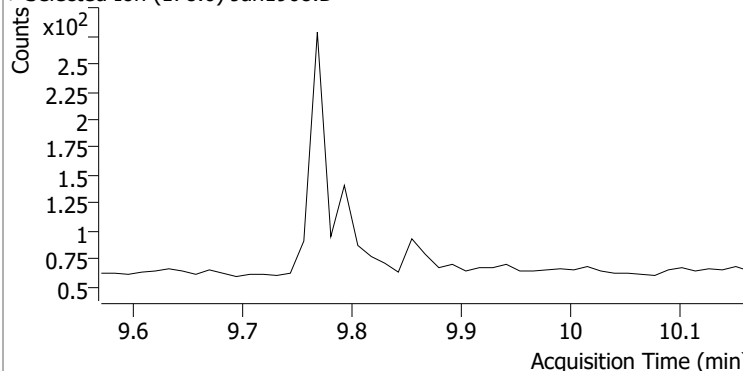
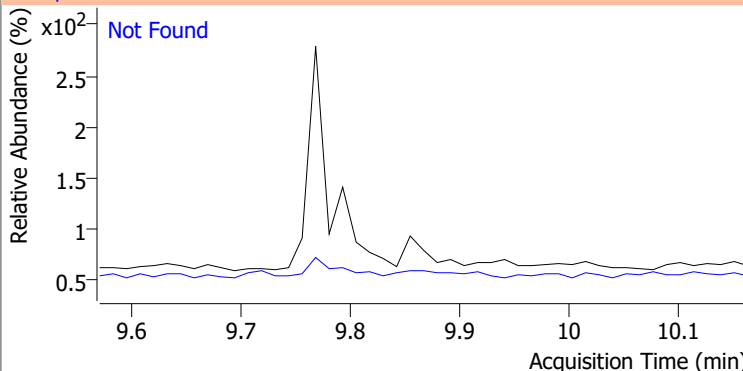
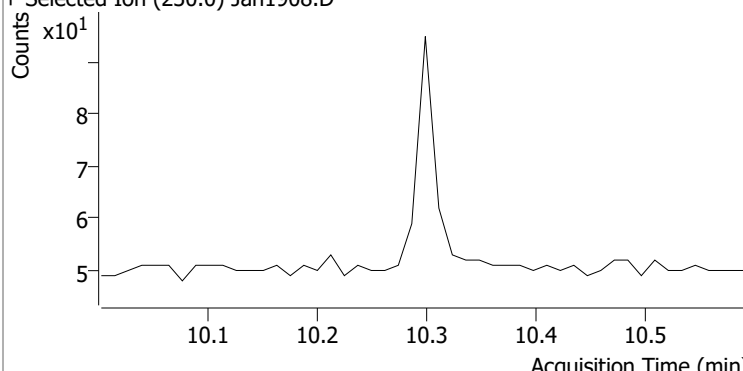
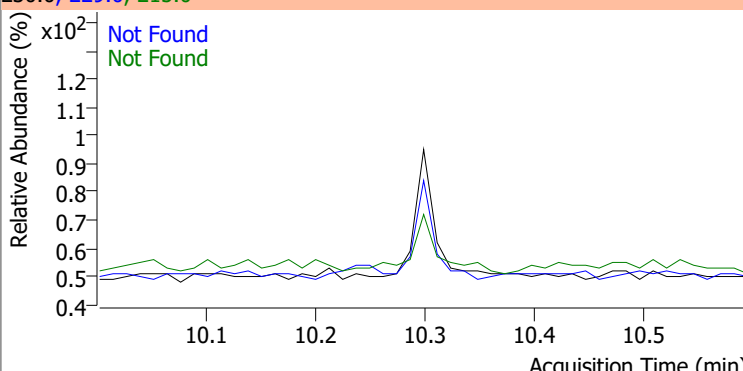
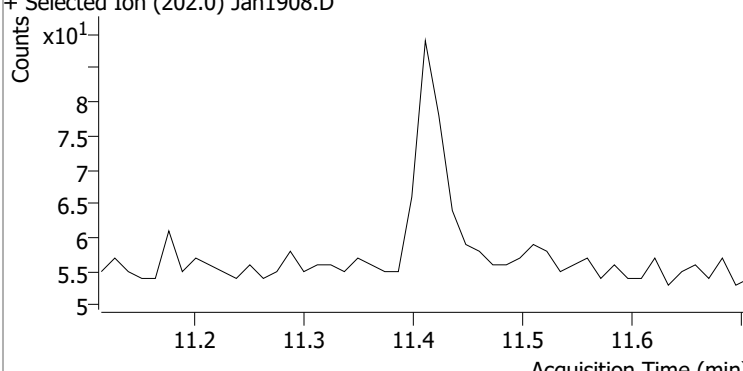
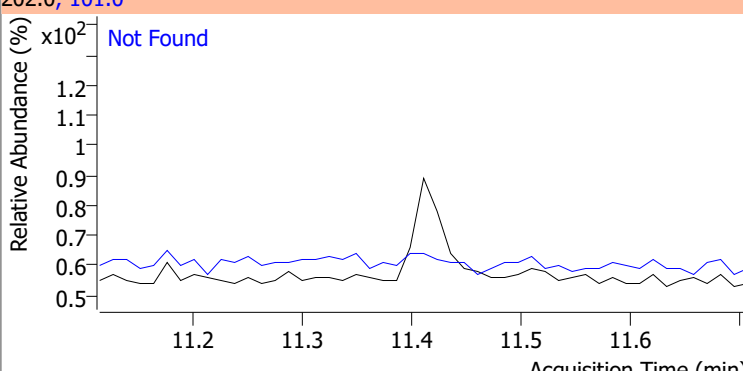
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0 152.0		82.1 41.0	152.6 76.1



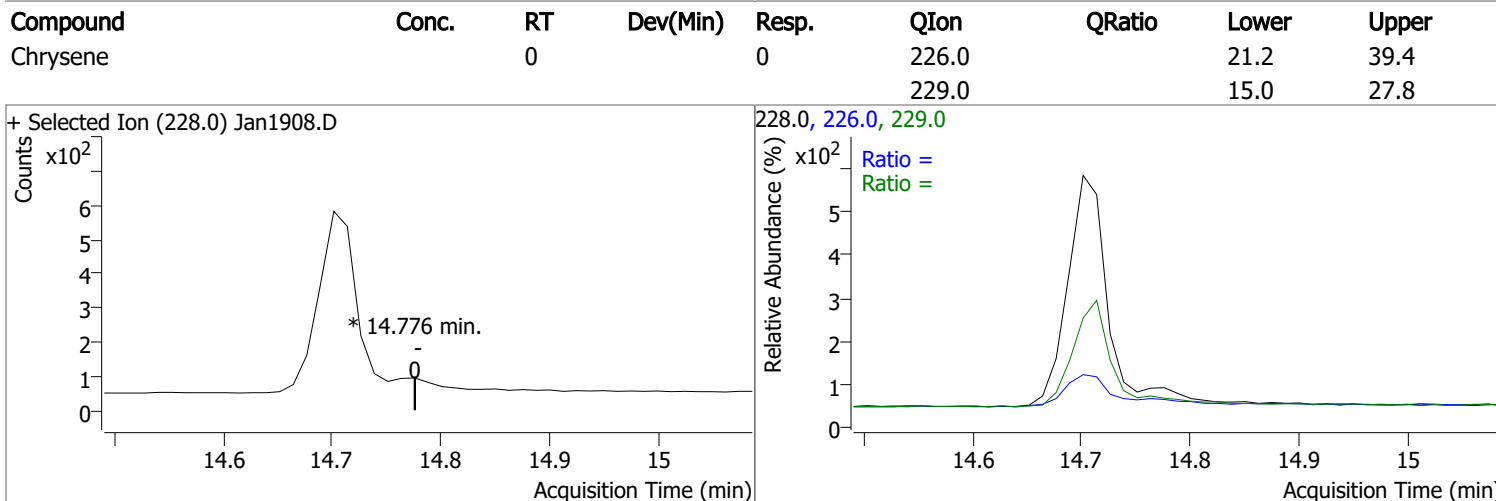
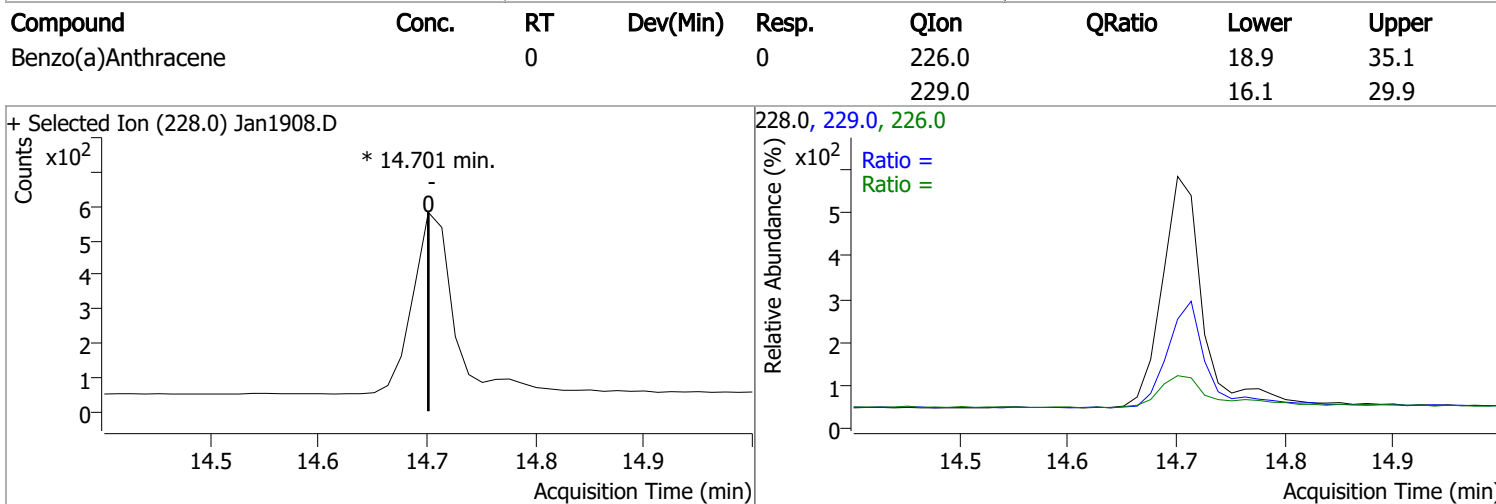
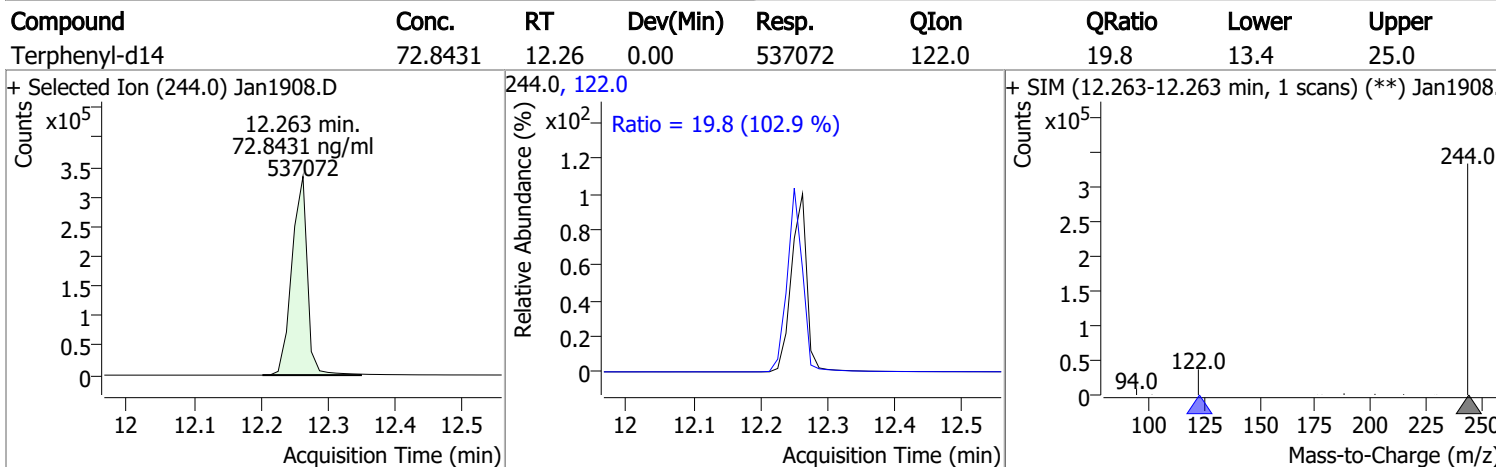
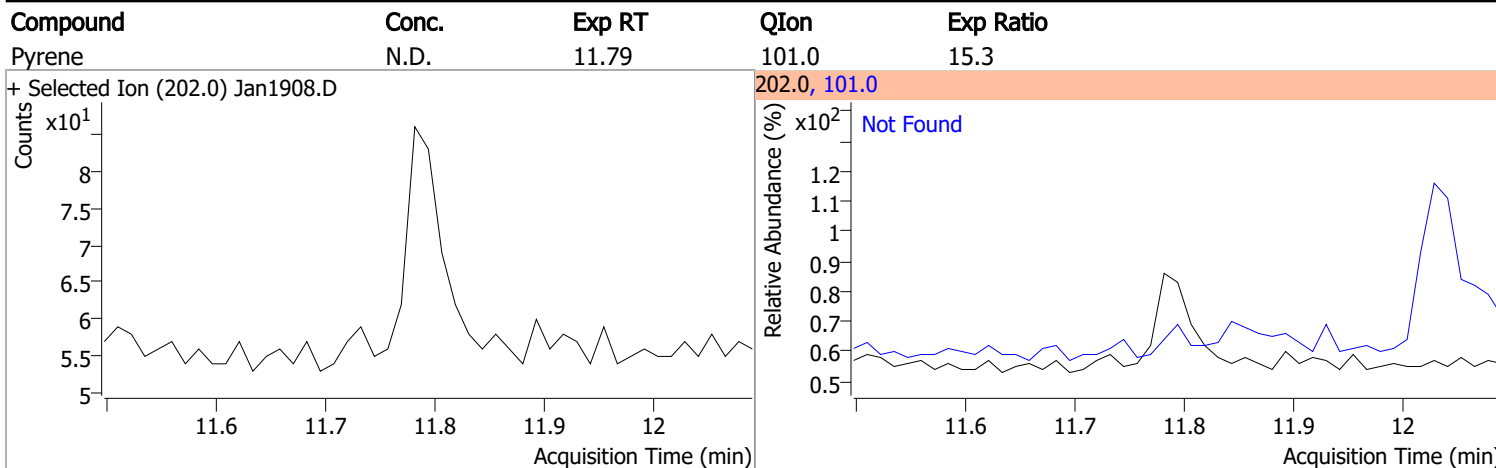
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0 167.0		69.1 9.7	128.3 18.0



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio		
Phenanthrene	N.D.	9.80	176.0	15.5		
+ Selected Ion (178.0) Jan1908.D			178.0, 176.0			
						
Anthracene	N.D.	9.87	176.0	18.1		
+ Selected Ion (178.0) Jan1908.D			178.0, 176.0			
						
o-Terphenyl	N.D.	10.30	229.0	70.2	QIon	Exp Ratio
			215.0	46.7		
+ Selected Ion (230.0) Jan1908.D			230.0, 229.0, 215.0			
						
Fluoranthene	N.D.	11.41	101.0	13.8		
+ Selected Ion (202.0) Jan1908.D			202.0, 101.0			
						

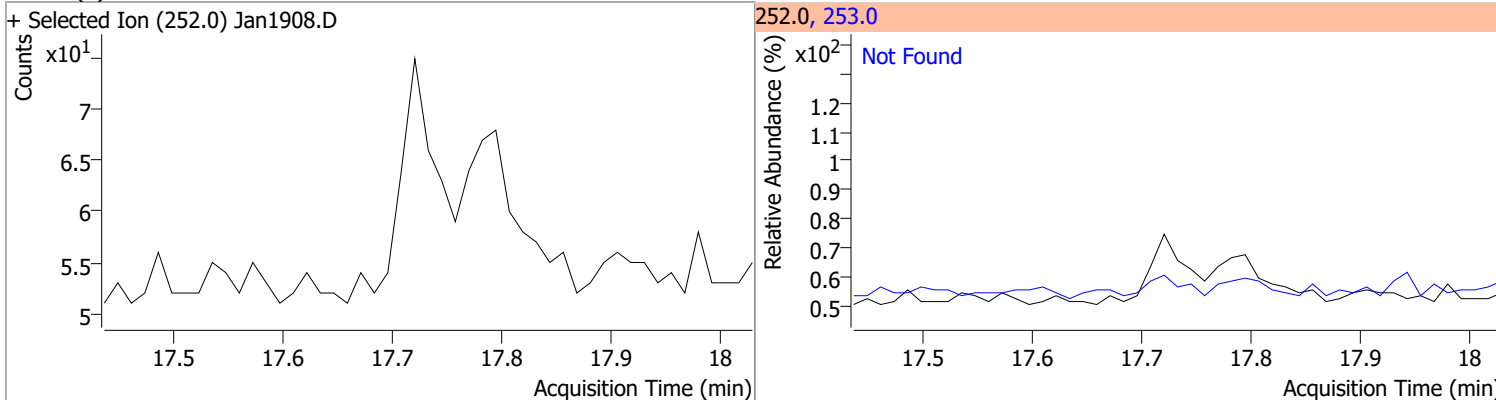
# Quantitation Results Report (QT Reviewed)



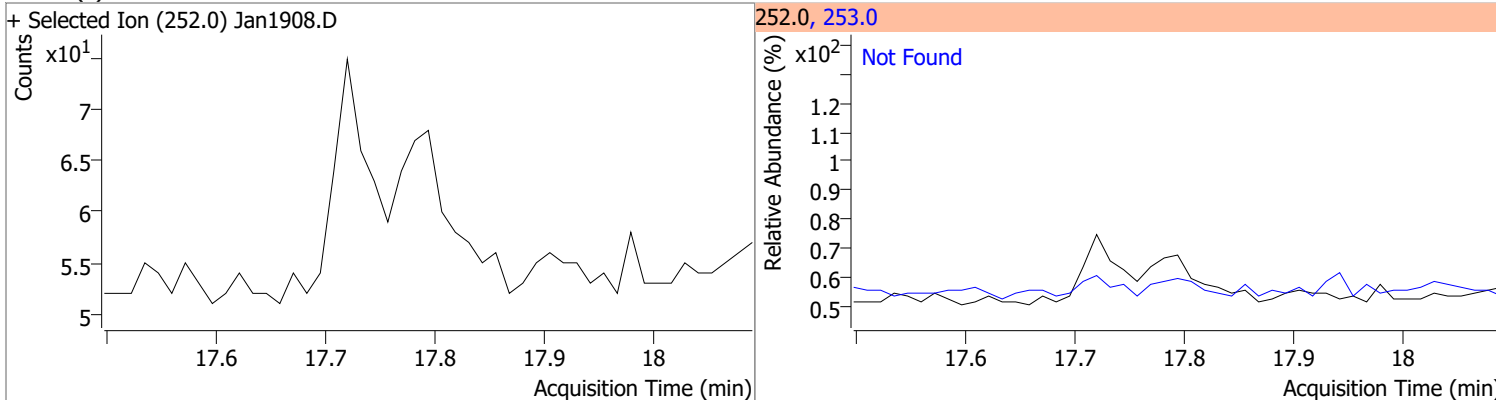


# Quantitation Results Report (QT Reviewed)

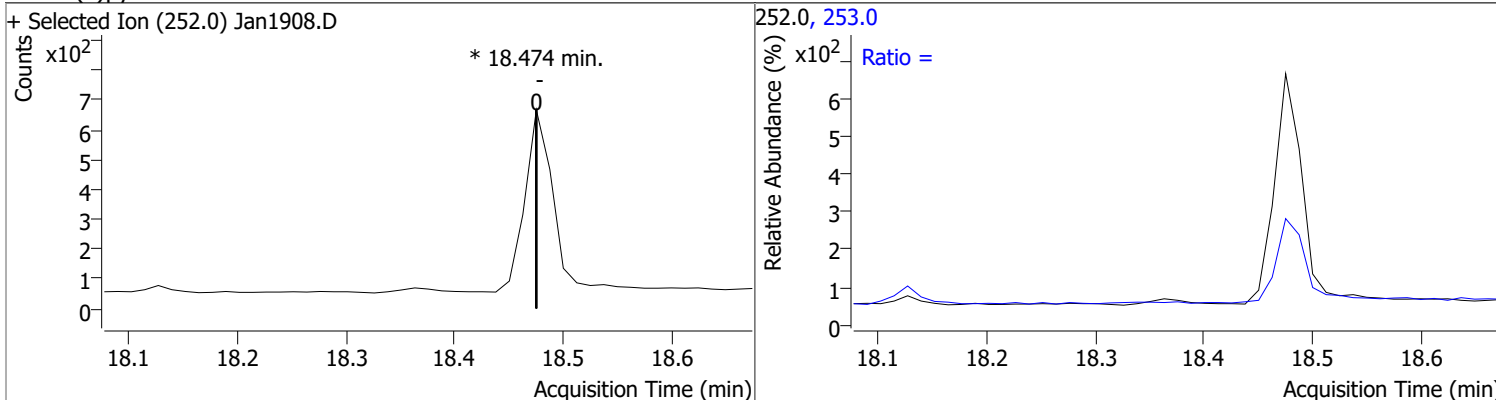
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



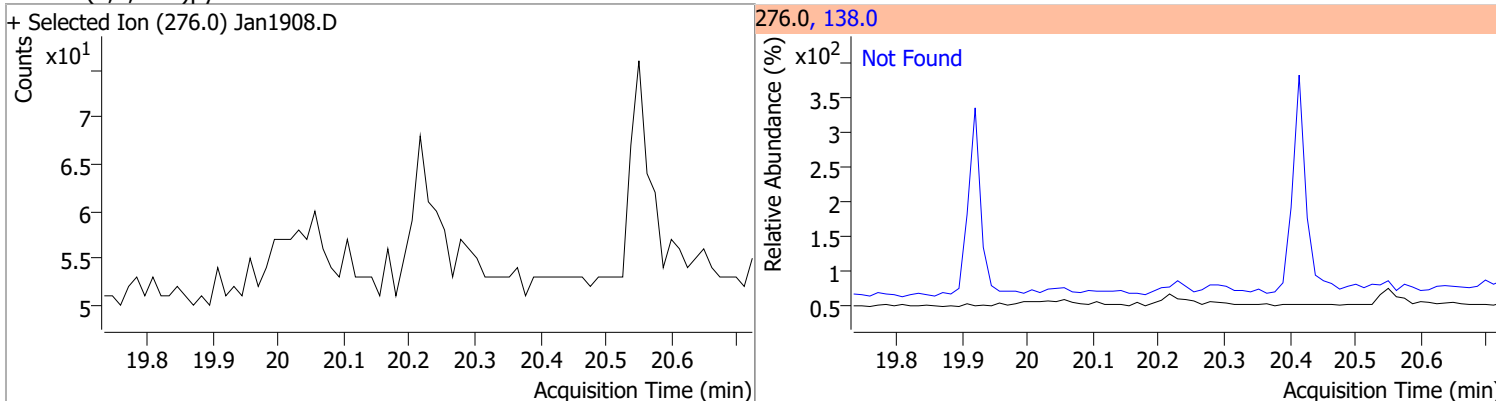
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6

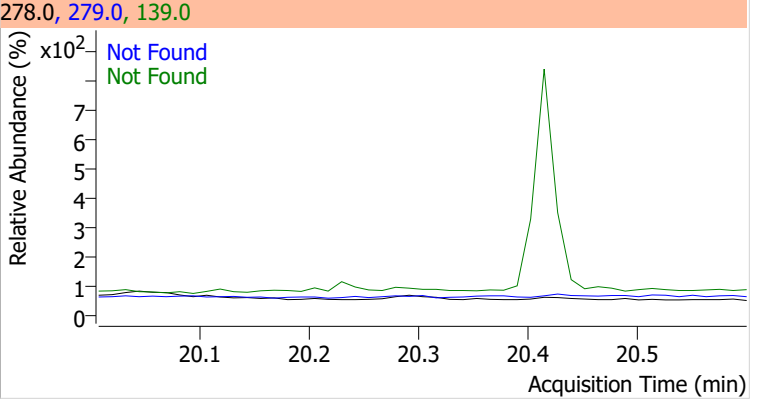
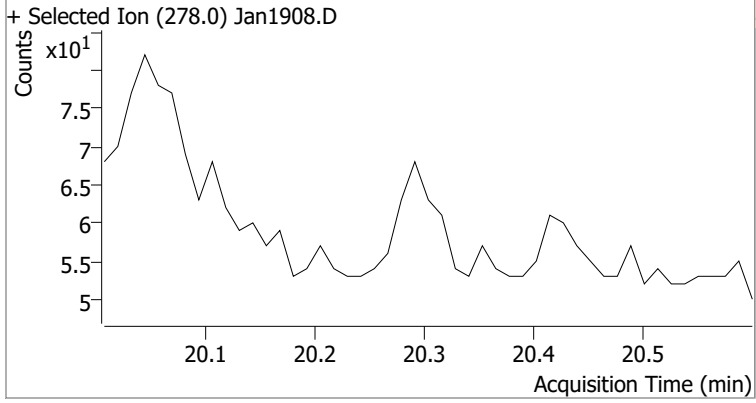


Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9

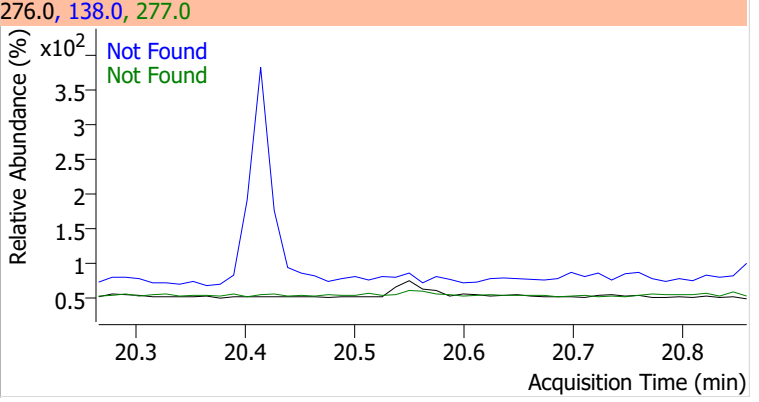
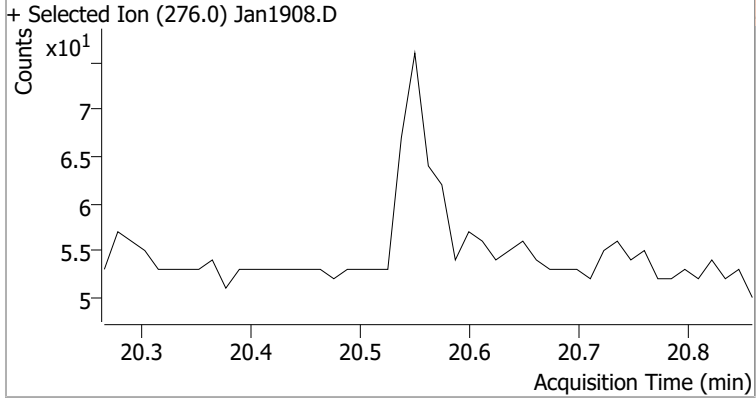


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



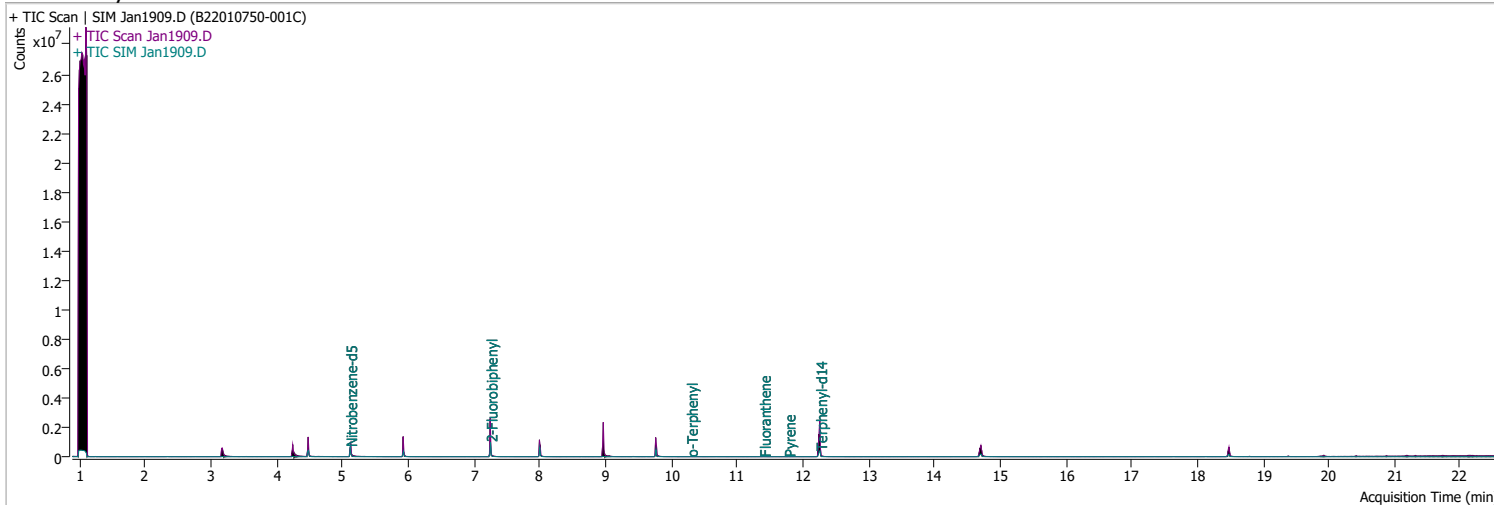
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3



# Quantitation Results Report (QT Reviewed)

Data File	Jan1909.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/19/2022 2:57:40 PM
Sample Name	B22010750-001C	Instrument	GCMS
Vial	9	Multiplier	1.00
DA Method File	011822 bna SIM1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011922 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.484	152.0	204514	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.928	136.0	376839	40.0000	ng/ml	-0.012
M Acenaphthene-d10	8.001	164.0	214701	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	412308	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	290268	40.0000	ng/ml	-0.012
M Perylene-d12	18.475	264.0	200221	40.0000	ng/ml	-0.025
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	412623	37.2390	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 744.78%		*
S 2-Fluorobiphenyl	7.252	172.0	662450	64.1909	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1283.82%		*
S o-Terphenyl	10.299	230.0	378	0.0563	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 1.13%		*
S Terphenyl-d14	12.263	244.0	567711	73.2260	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1464.52%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.038	154.0	0		ng/ml	md 1
T Fluorene	8.674	166.0	0		ng/ml	md 1
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	11.411	202.0	940	0.0672	ng/ml	95
T Pyrene	11.781	202.0	1073	0.0734	ng/ml	97
T Benzo(a)Anthracene	14.702	228.0	0		ng/ml	md 1
T Chrysene	14.776	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	0.000		0	N.D.		

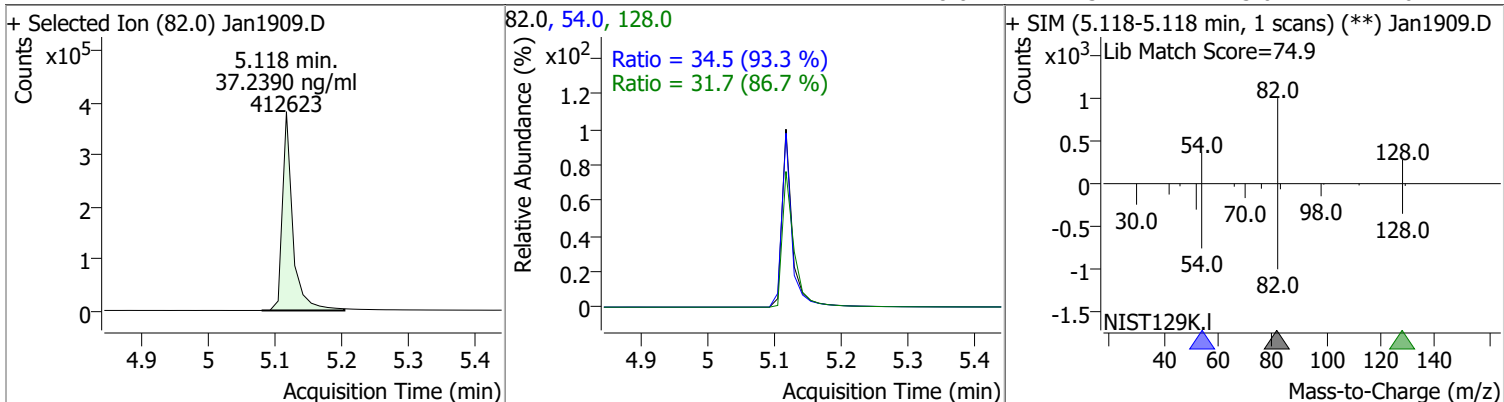
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.363	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

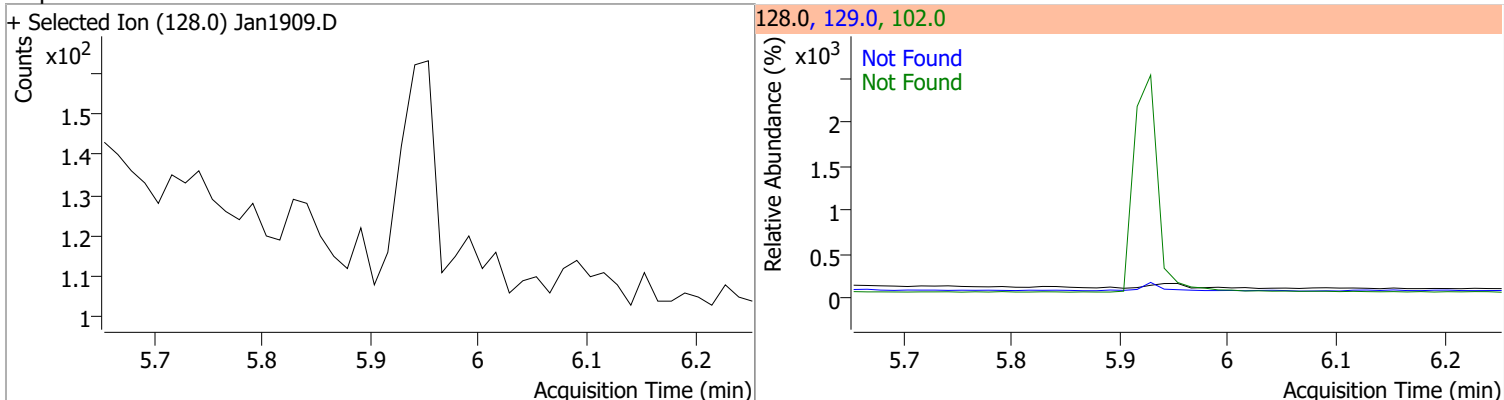
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

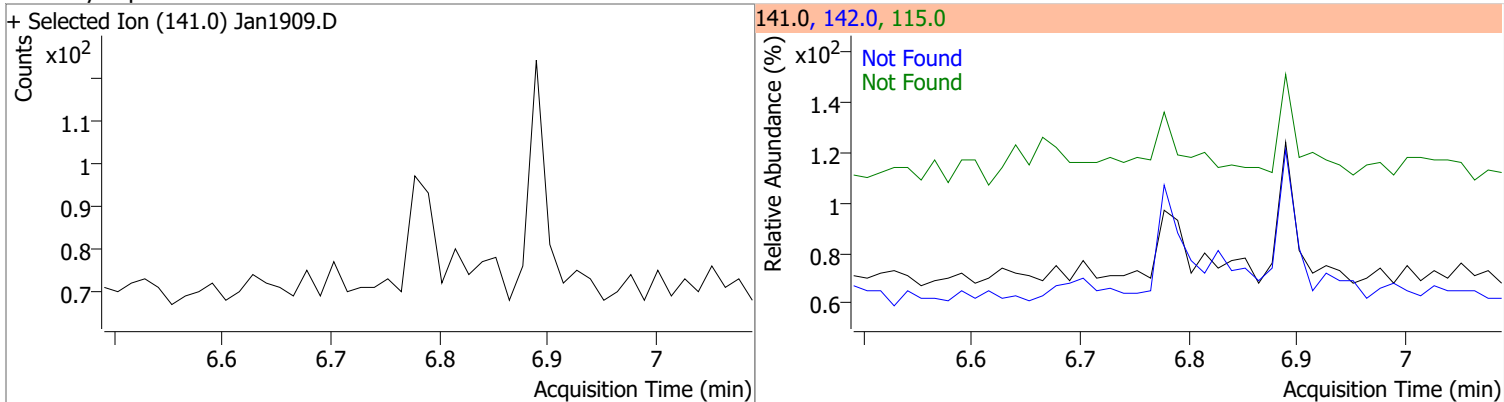
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	37.2390	5.12	-0.02	412623	54.0	34.5	25.9	48.1
					128.0	31.7	25.6	47.6



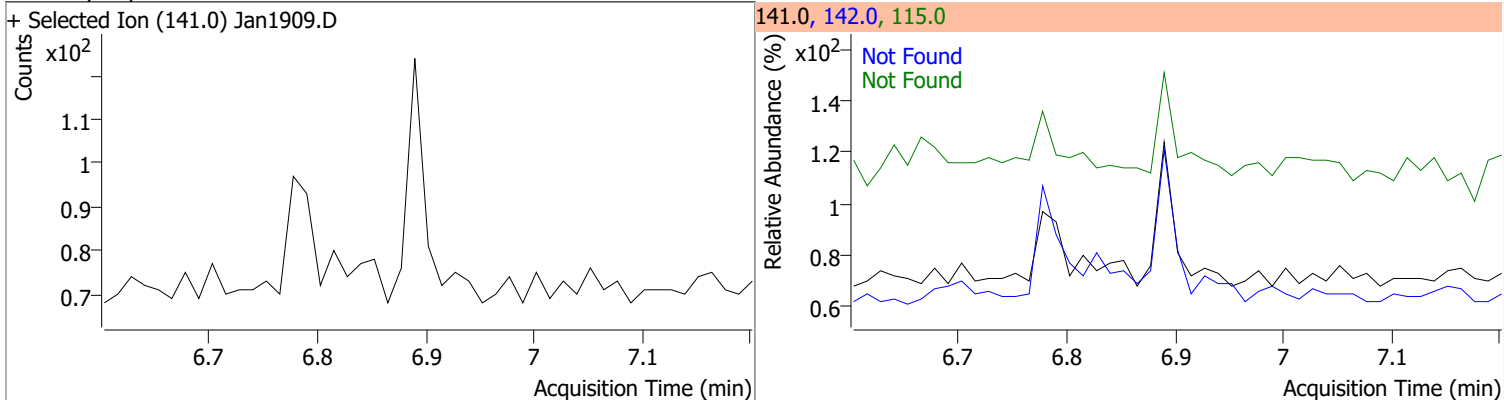
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7

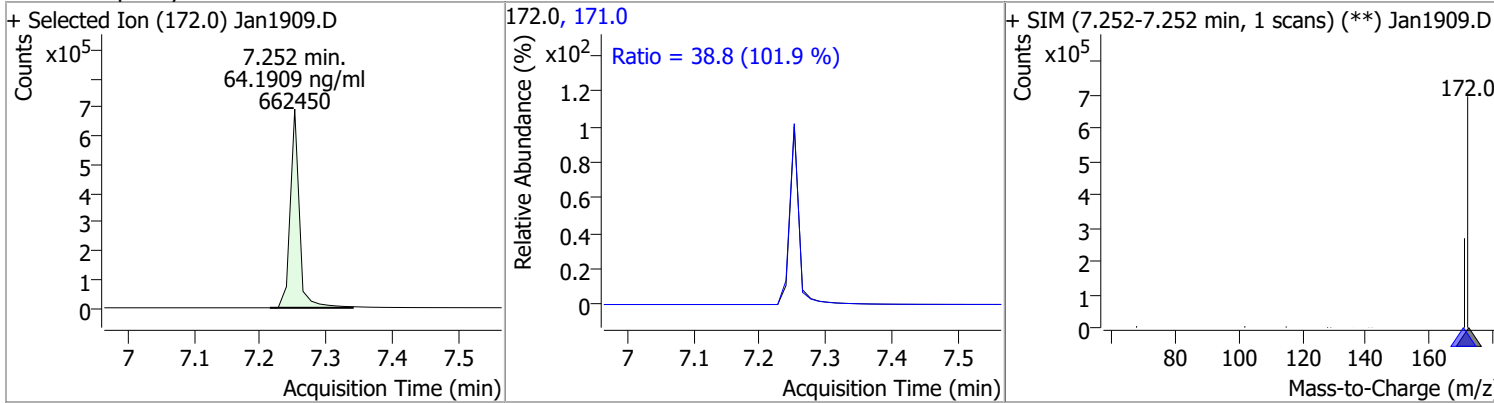


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

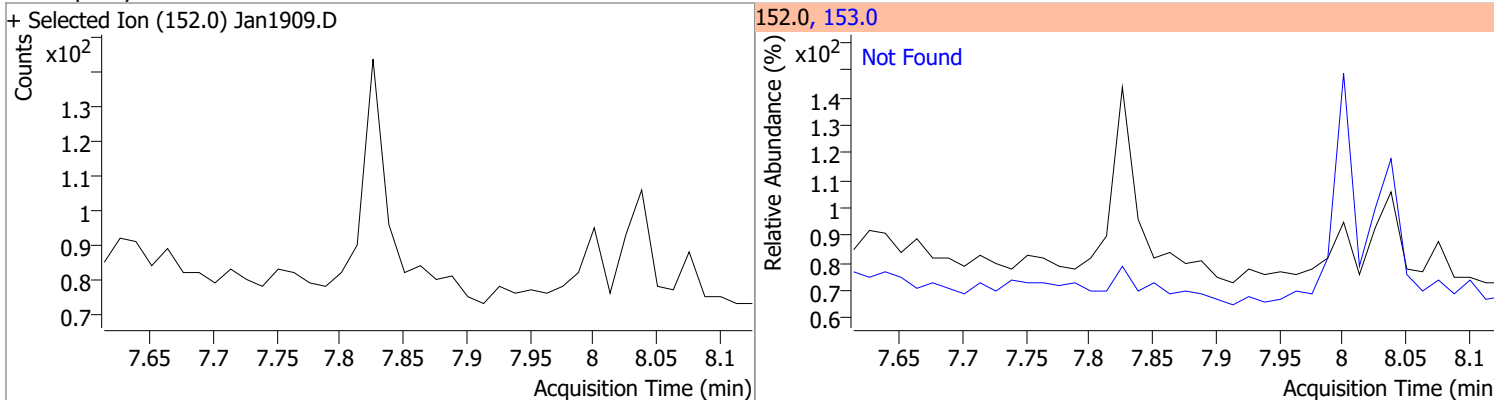


# Quantitation Results Report (QT Reviewed)

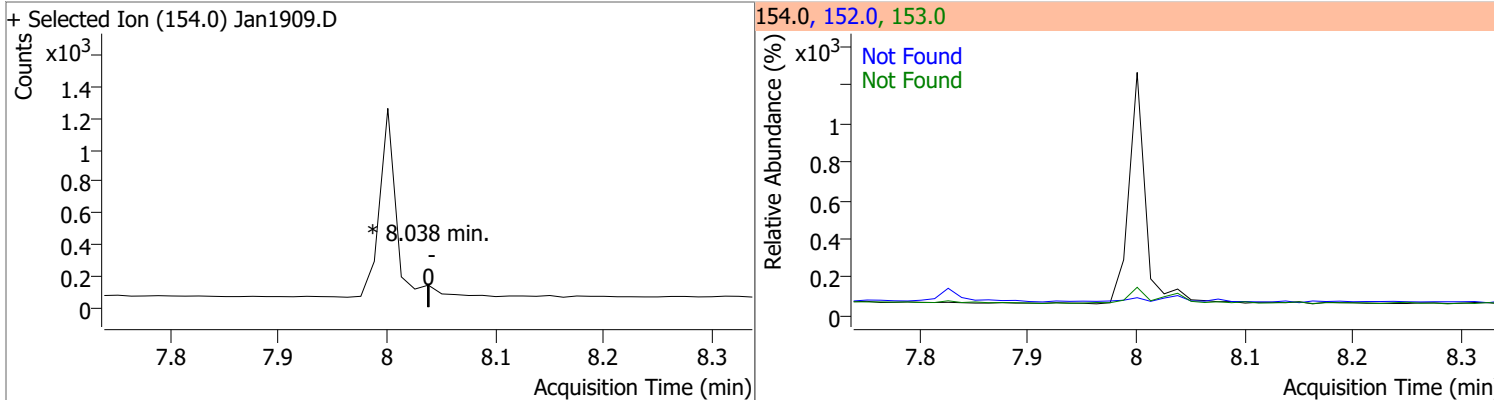
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	64.1909	7.25	-0.01	662450	171.0	38.8	26.6	49.5



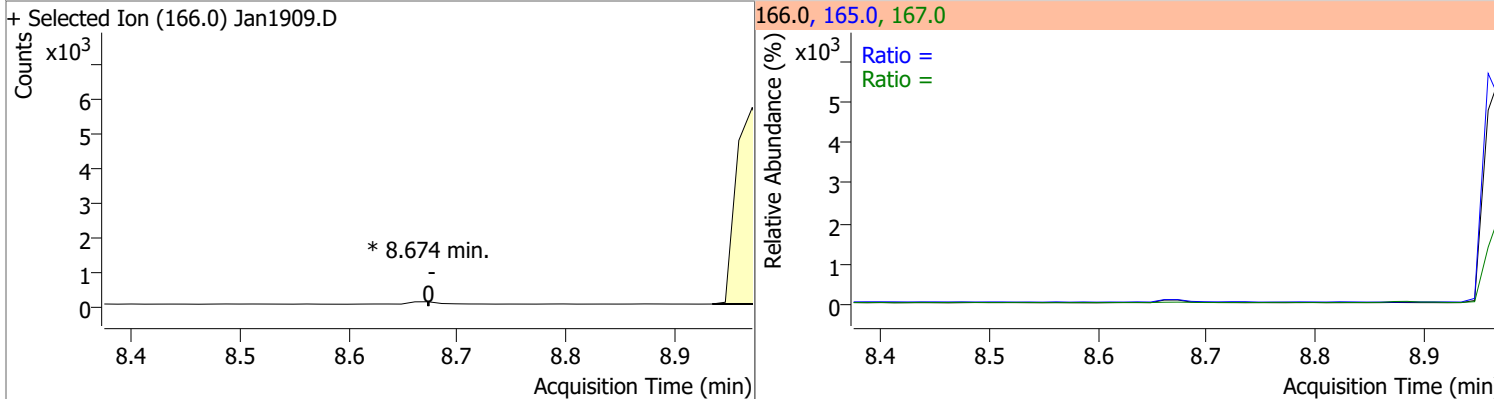
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1

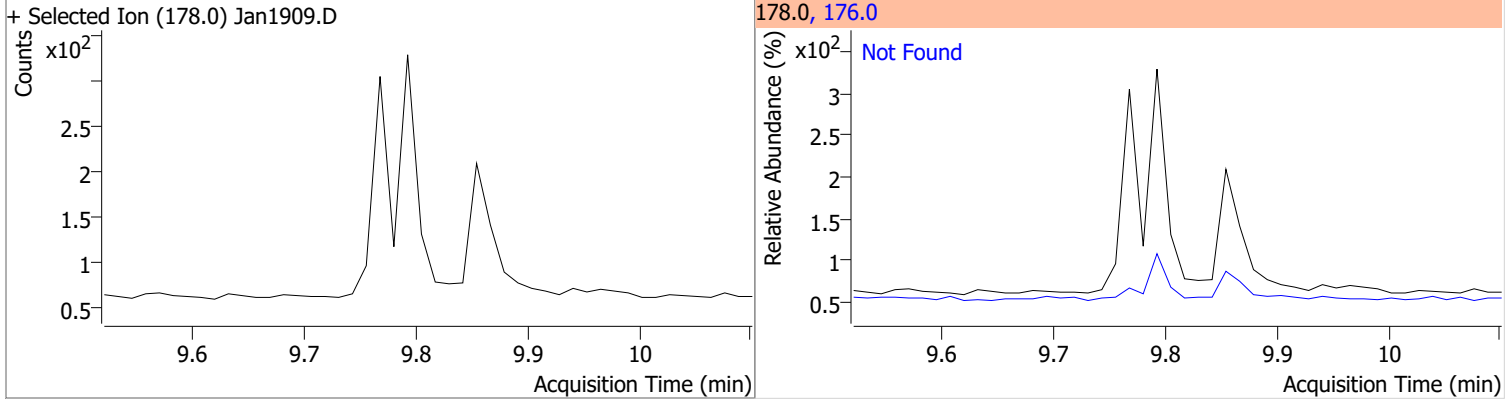


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		69.1	128.3
					167.0		9.7	18.0

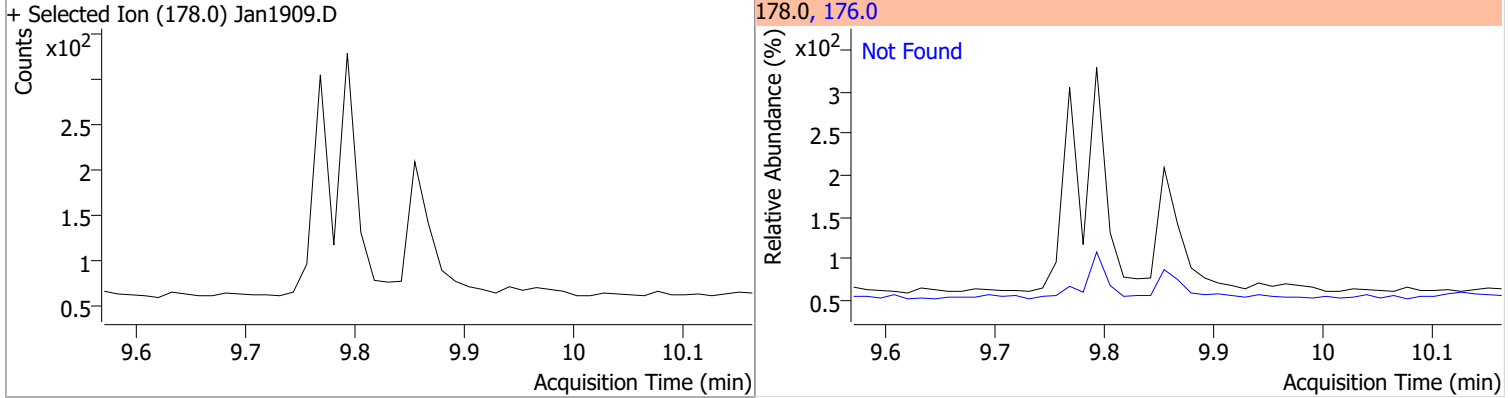


# Quantitation Results Report (QT Reviewed)

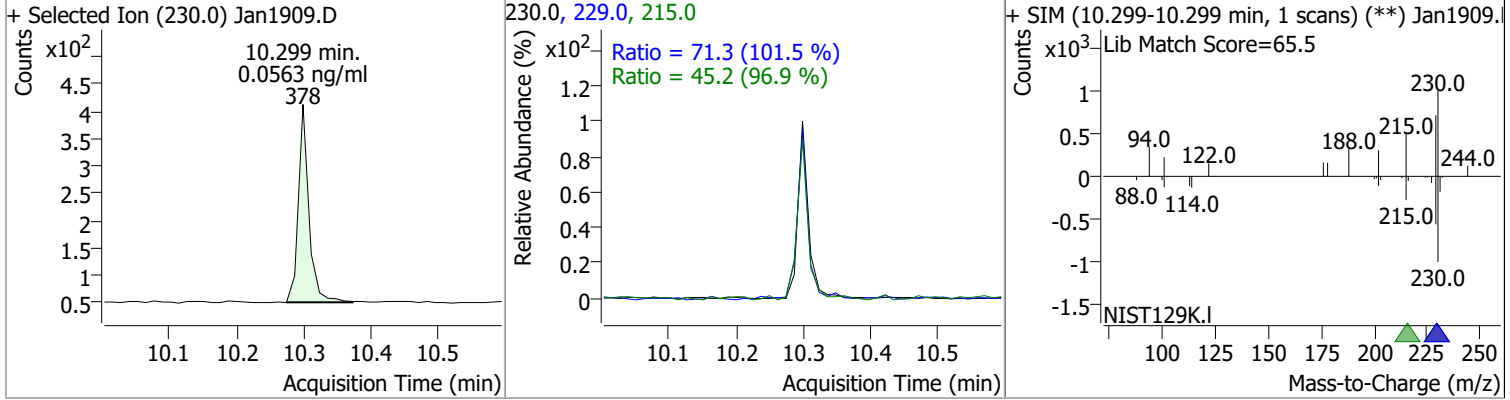
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



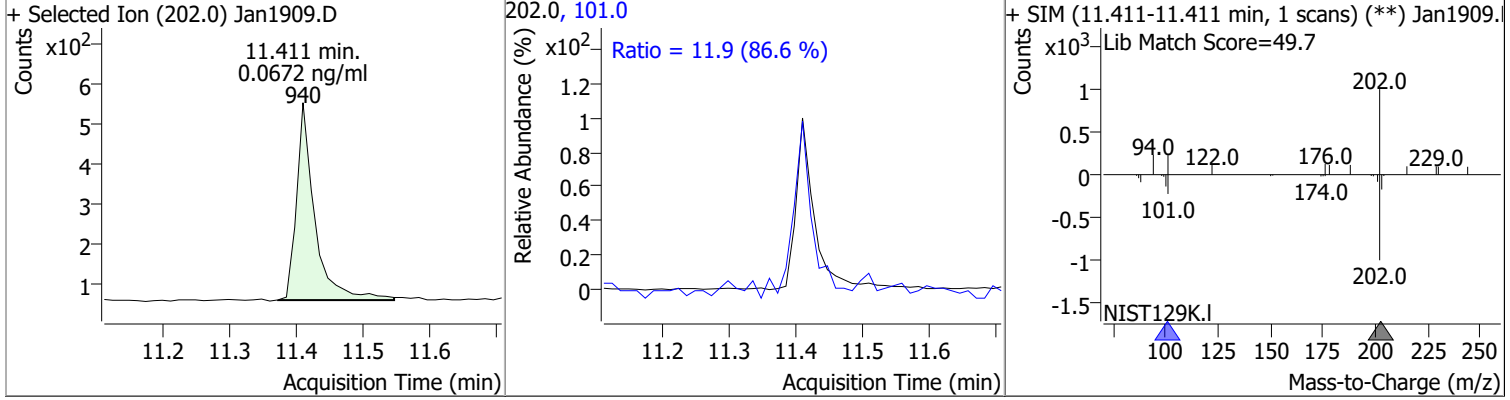
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.87	176.0	18.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.0563	10.30	0.00	378	229.0 215.0	71.3 45.2	49.2 32.7	91.3 60.7

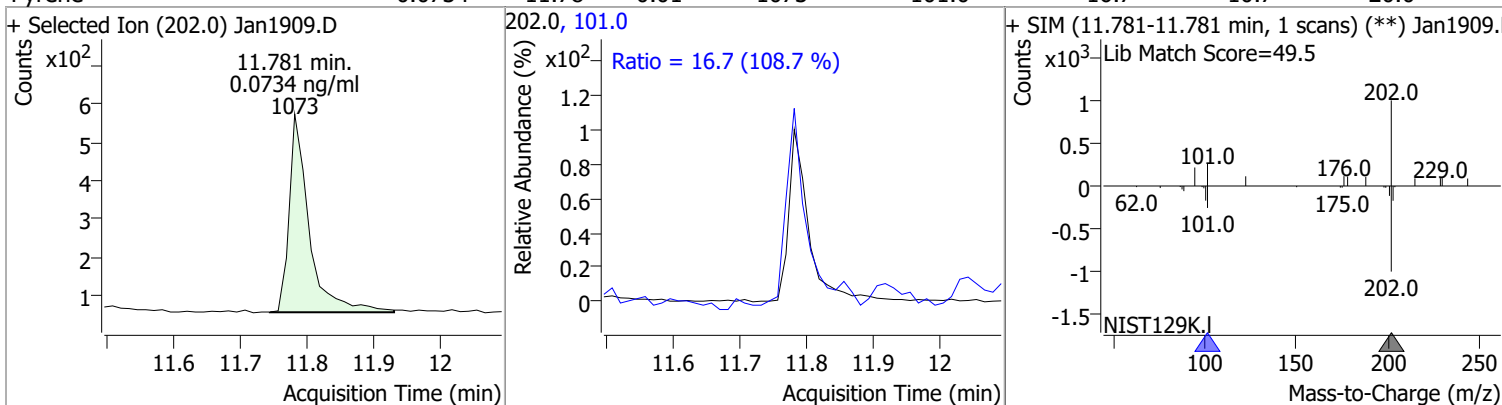


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	0.0672	11.41	0.00	940	101.0	11.9	9.6	17.9

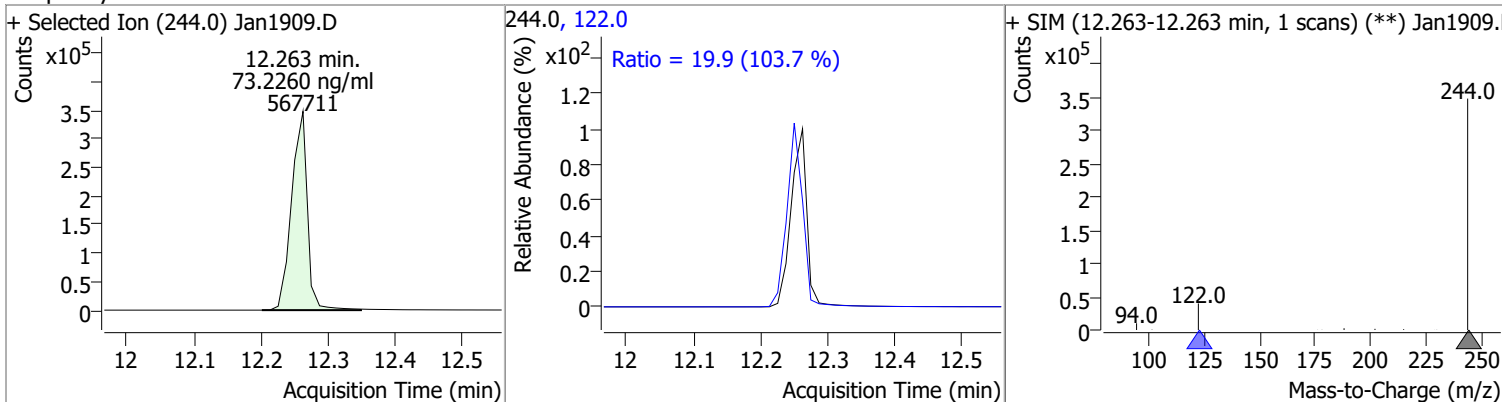


# Quantitation Results Report (QT Reviewed)

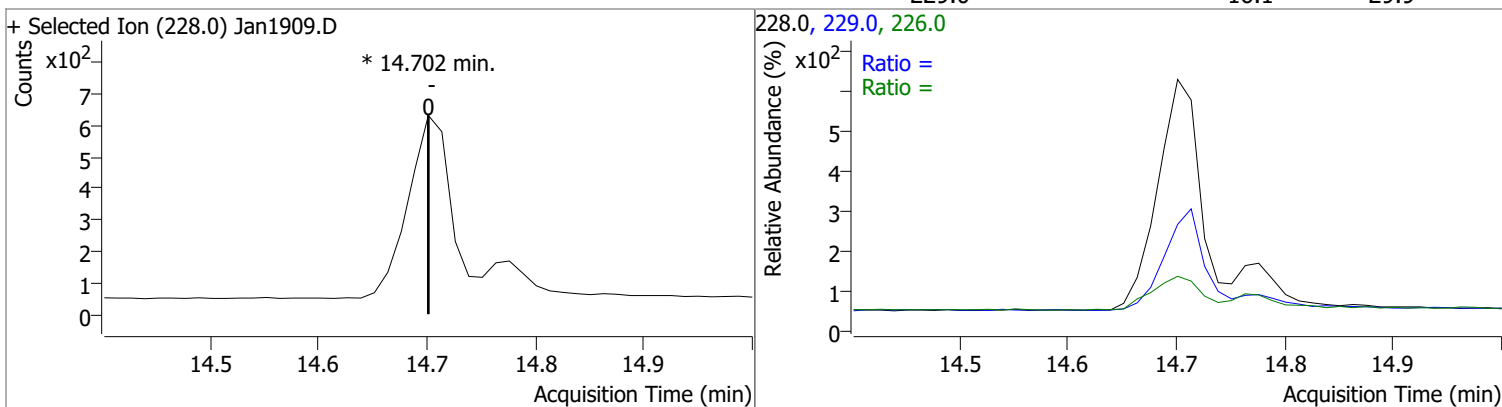
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	0.0734	11.78	-0.01	1073	101.0	16.7	10.7	20.0



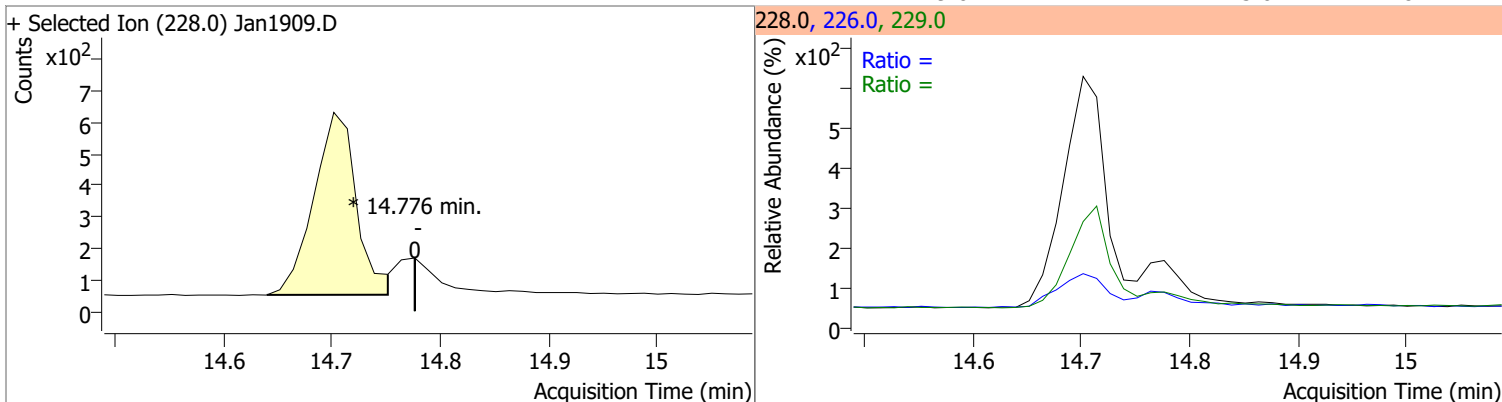
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	73.2260	12.26	0.00	567711	122.0	19.9	13.4	25.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	0	0	0	0	226.0 229.0		18.9 16.1	35.1 29.9

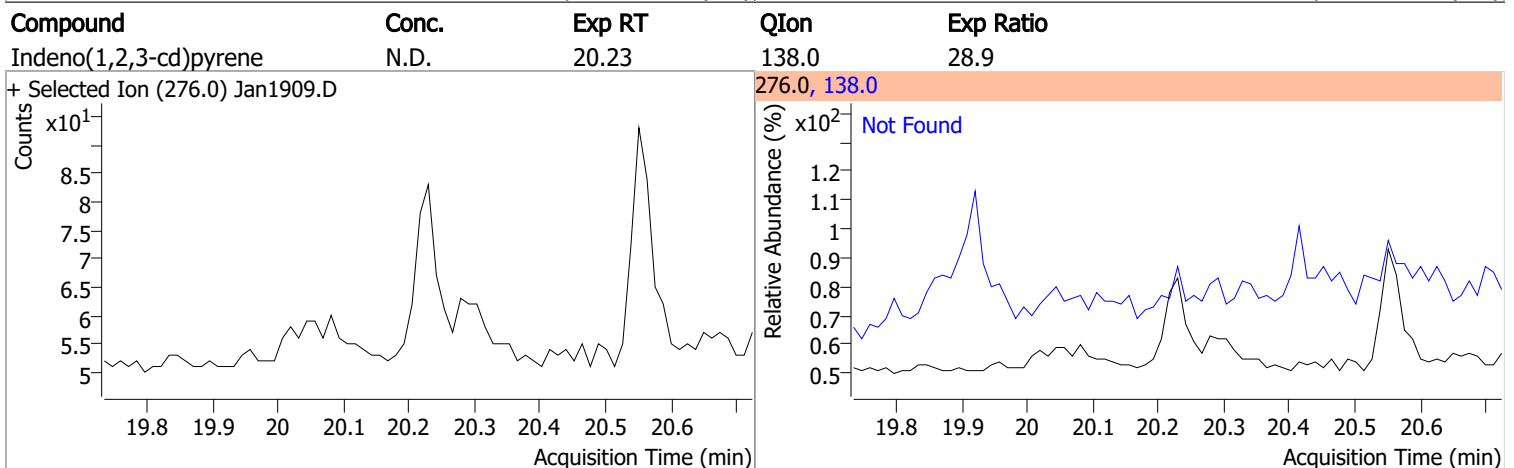
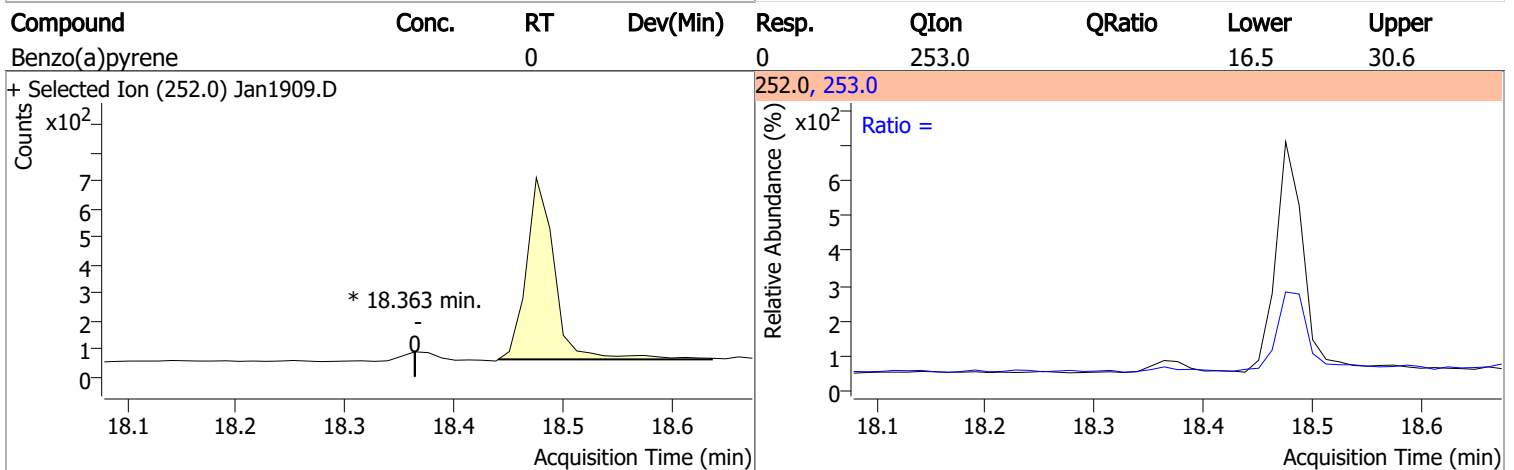
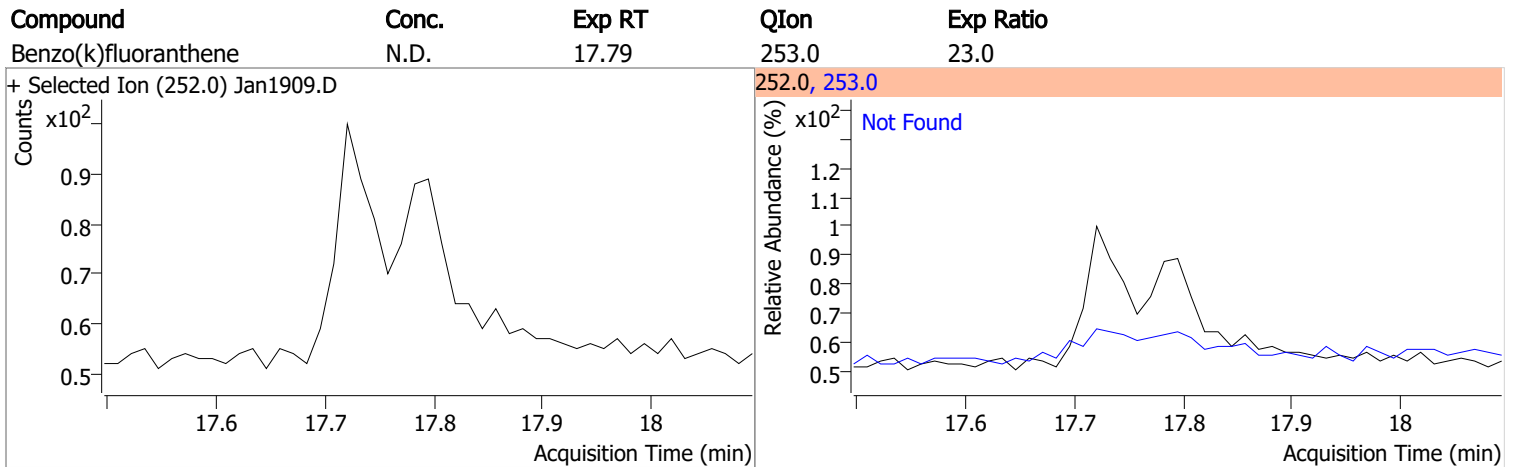
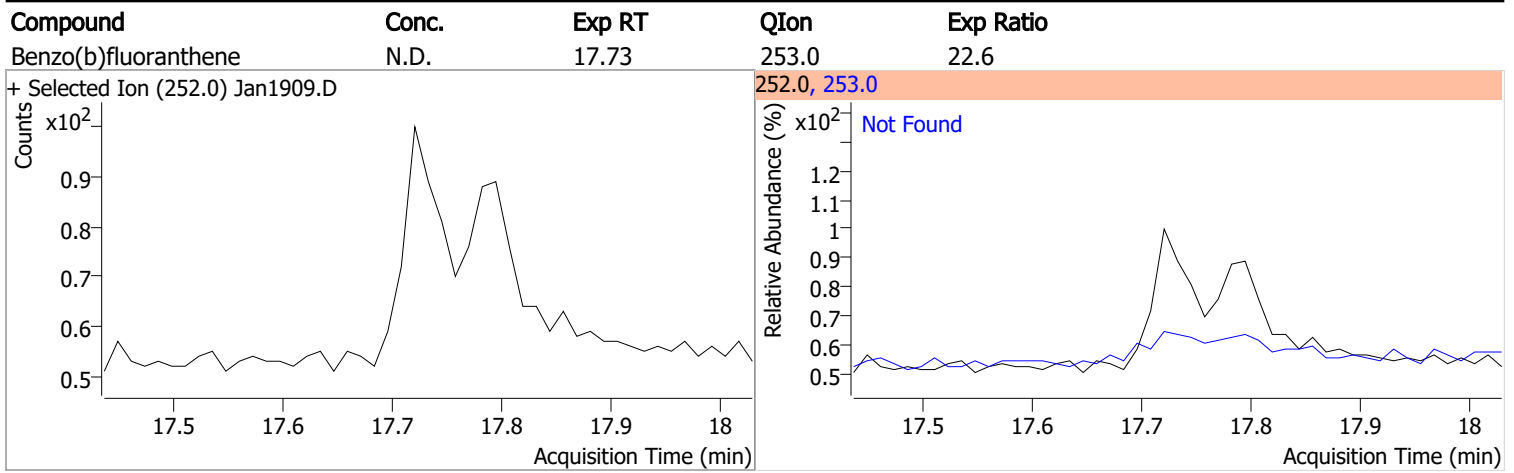


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0	0	0	0	226.0 229.0		21.2 15.0	39.4 27.8



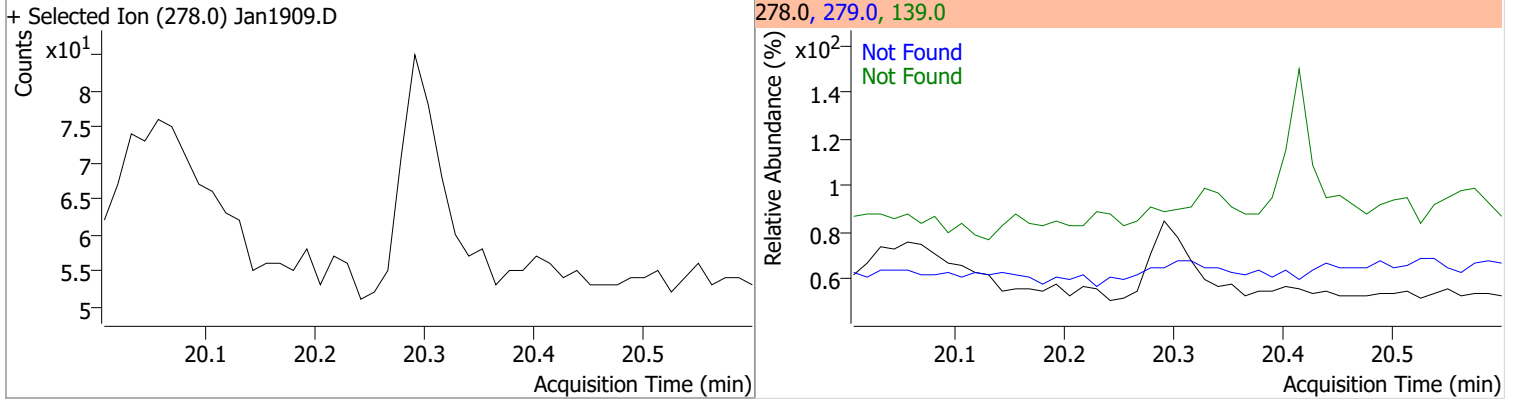


# Quantitation Results Report (QT Reviewed)

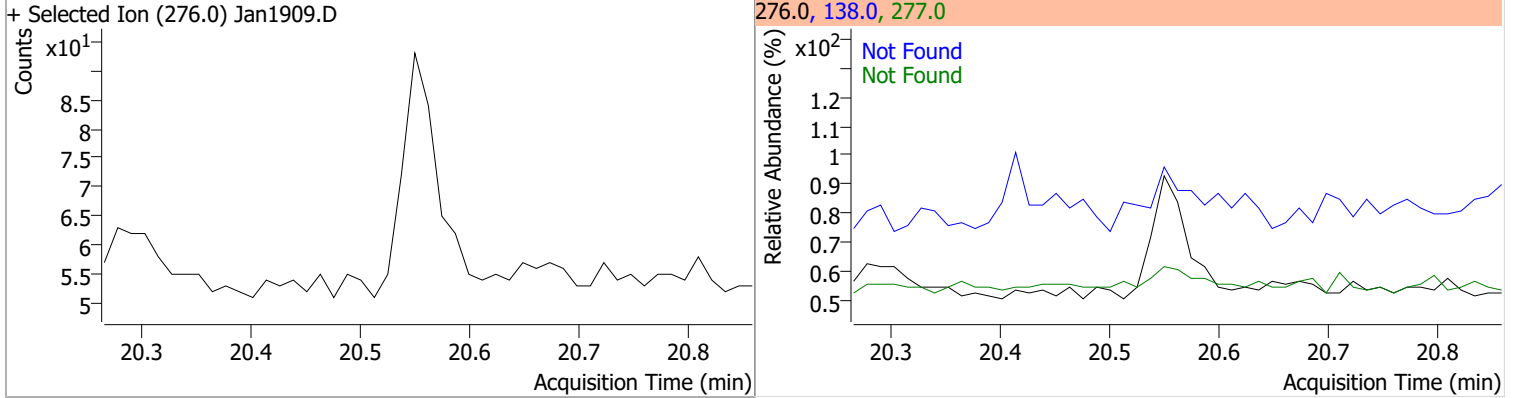


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



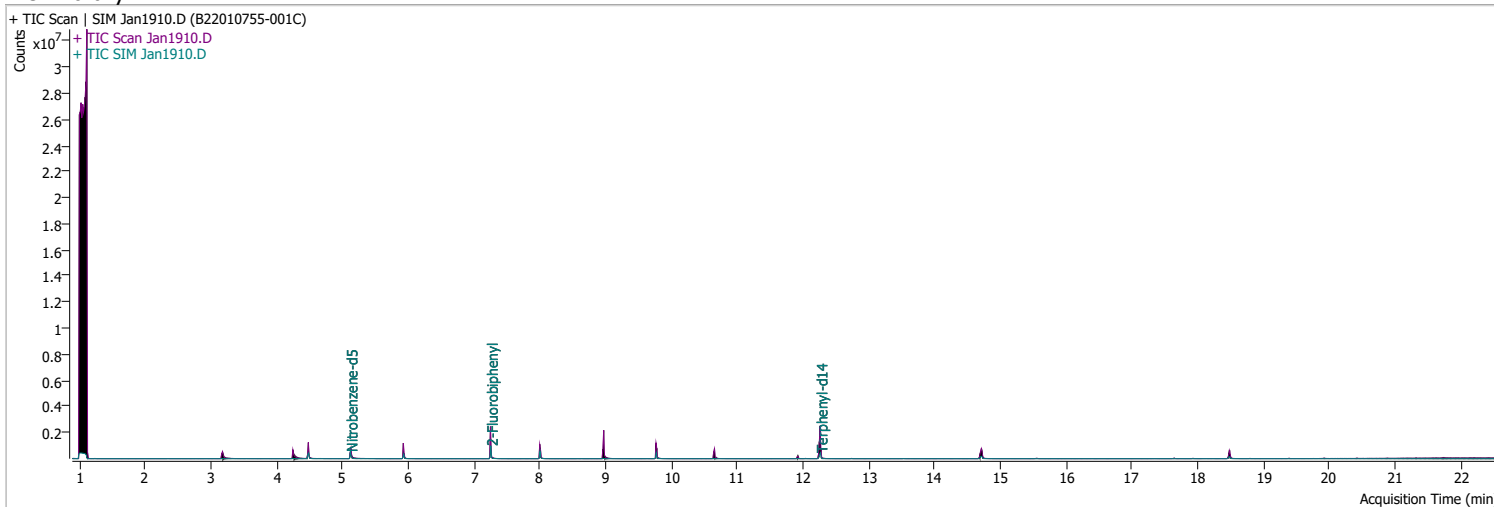
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3



# Quantitation Results Report (QT Reviewed)

Data File	Jan1910.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/19/2022 3:30:16 PM
Sample Name	B22010755-001C	Instrument	GCMS
Vial	10	Multiplier	1.00
DA Method File	011822 bna SIM1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011922 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.484	152.0	199778	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.928	136.0	361085	40.0000	ng/ml	-0.012
M Acenaphthene-d10	8.000	164.0	199401	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	396052	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	280897	40.0000	ng/ml	-0.012
M Perylene-d12	18.475	264.0	191325	40.0000	ng/ml	-0.025
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	388490	36.4315	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 728.63%		*
S 2-Fluorobiphenyl	7.252	172.0	656337	68.4784	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1369.57%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.263	244.0	573139	75.5867	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1511.73%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.038	154.0	0		ng/ml	md
T Fluorene	8.973	166.0	0		ng/ml	md
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.701	228.0	0		ng/ml	md
T Chrysene	14.776	228.0	0		ng/ml	md
T Benzo(b)fluoranthene	0.000		0	N.D.		

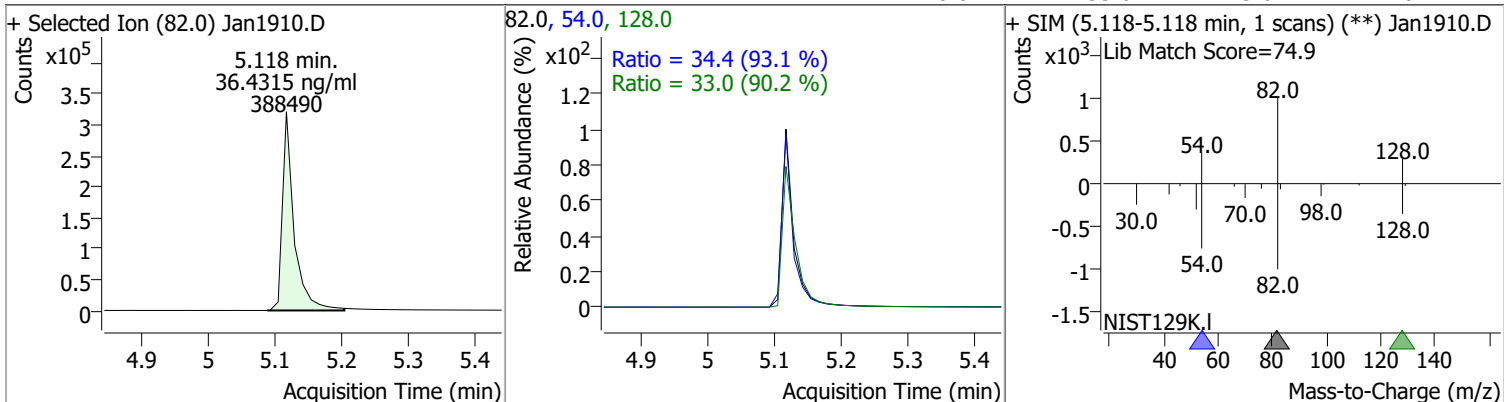
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.363	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

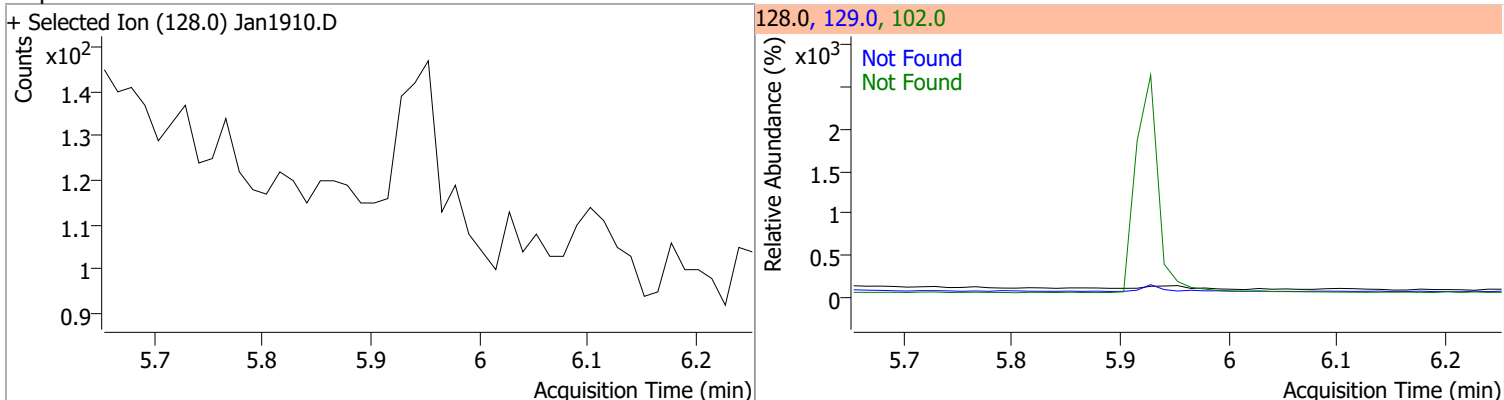
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

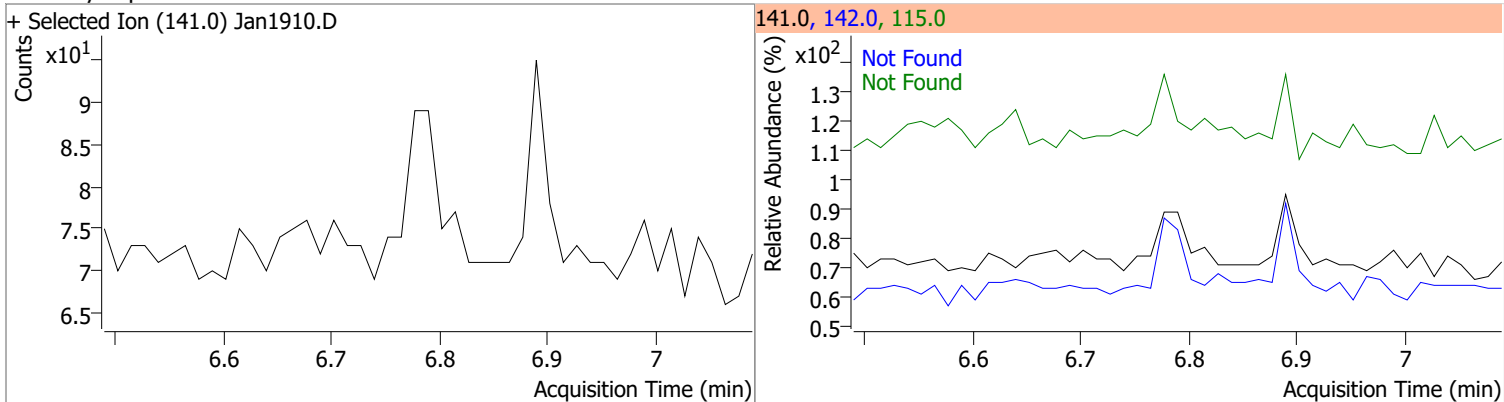
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	36.4315	5.12	-0.02	388490	54.0	34.4	25.9	48.1
					128.0	33.0	25.6	47.6



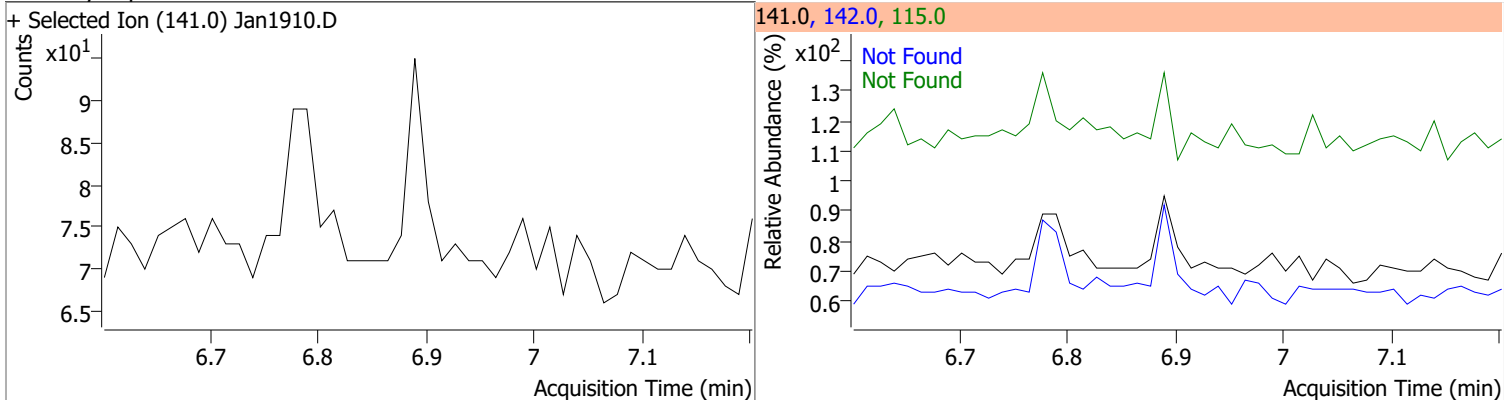
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7

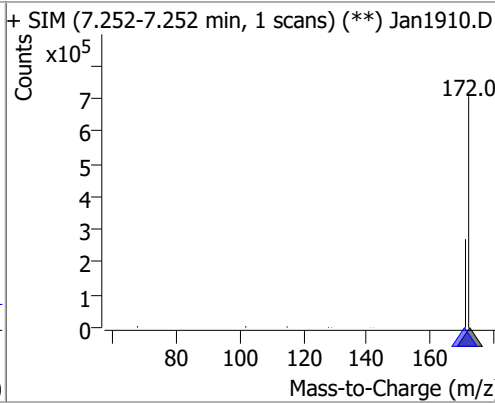
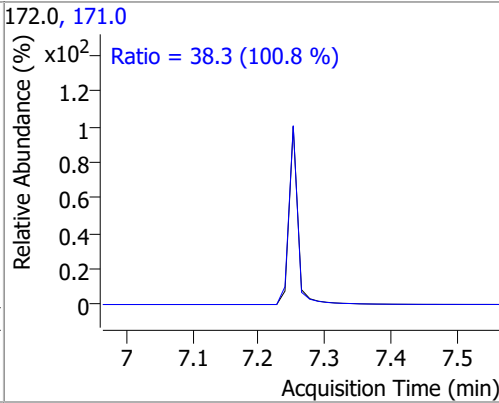
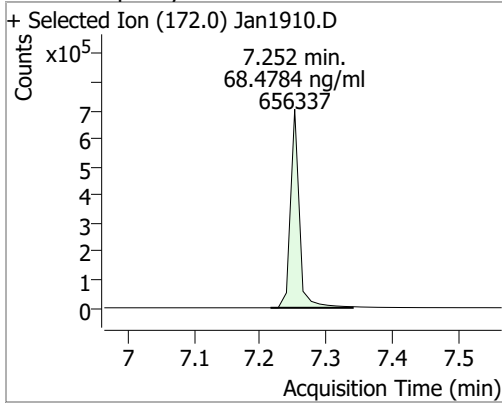


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

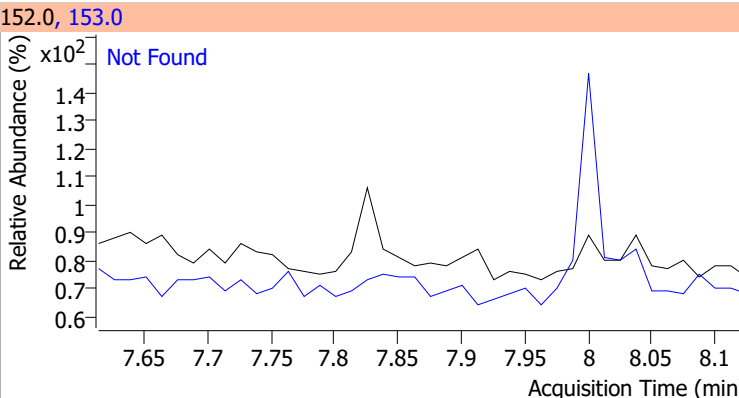
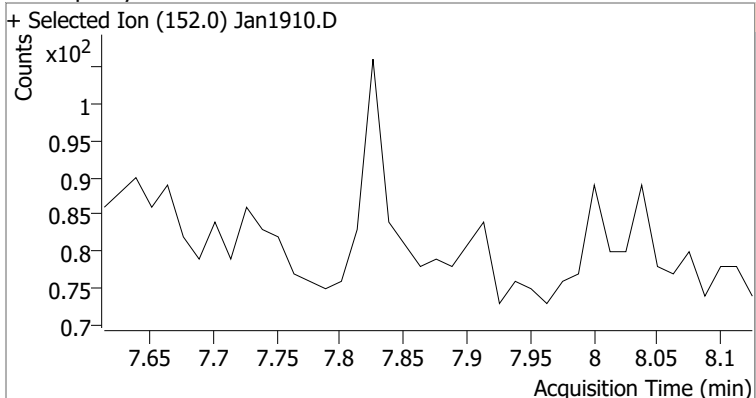


# Quantitation Results Report (QT Reviewed)

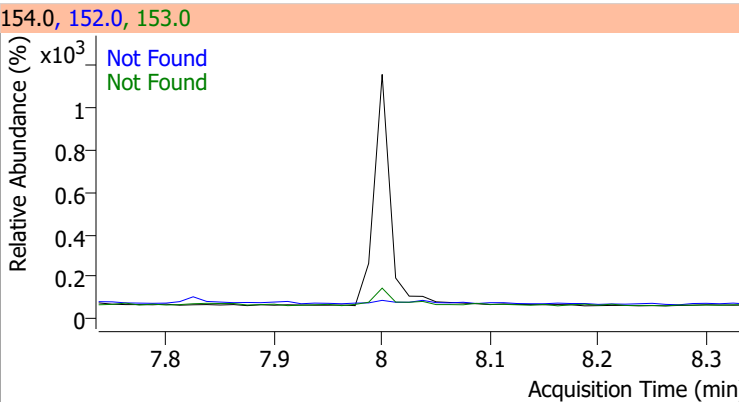
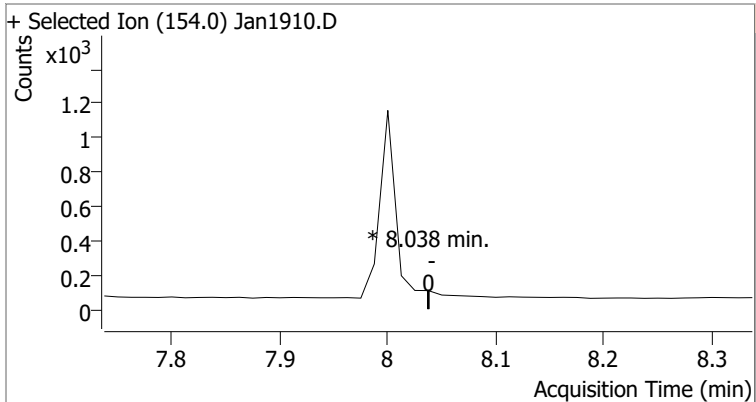
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	68.4784	7.25	-0.01	656337	171.0	38.3	26.6	49.5



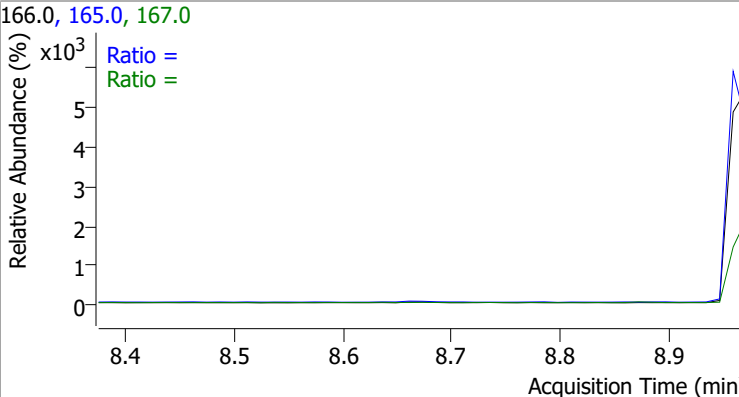
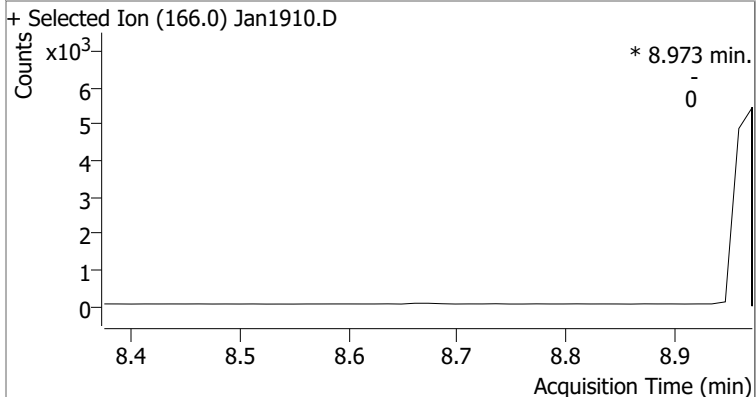
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



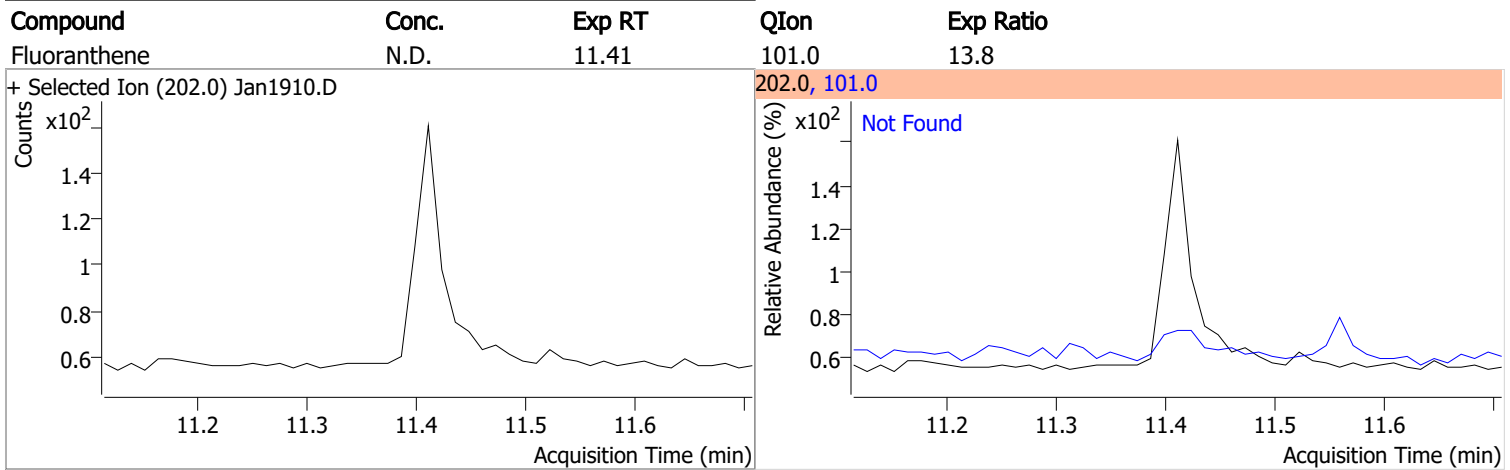
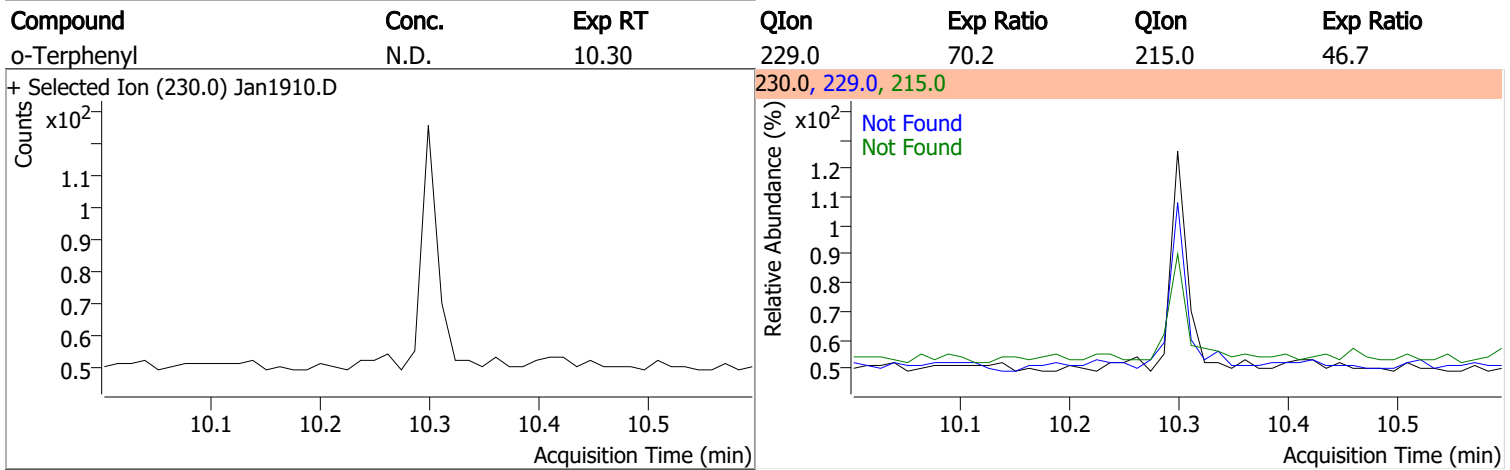
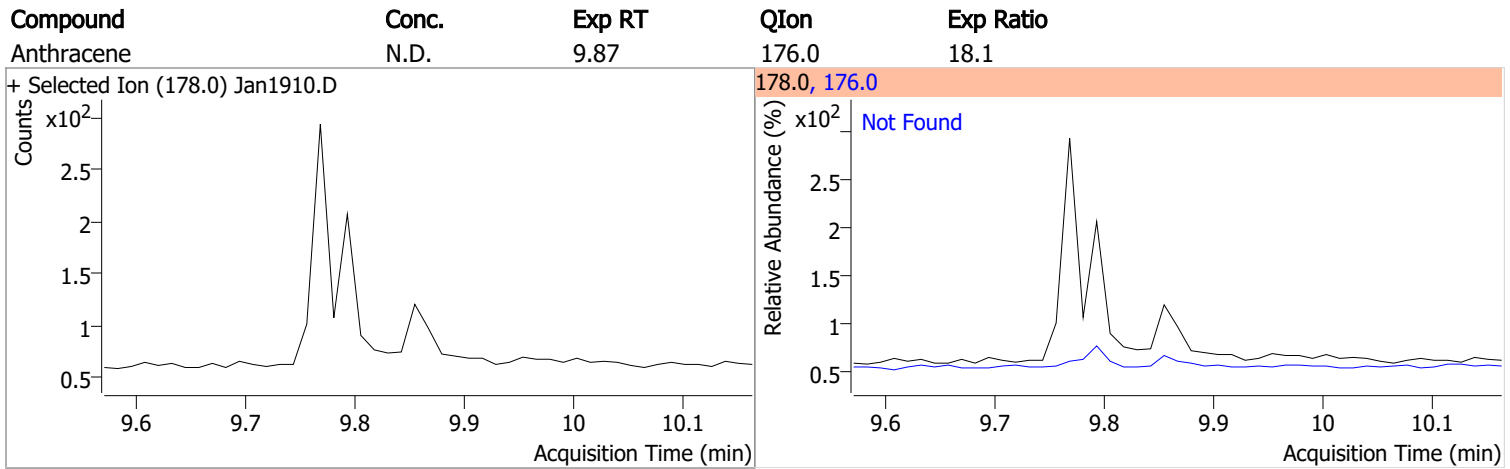
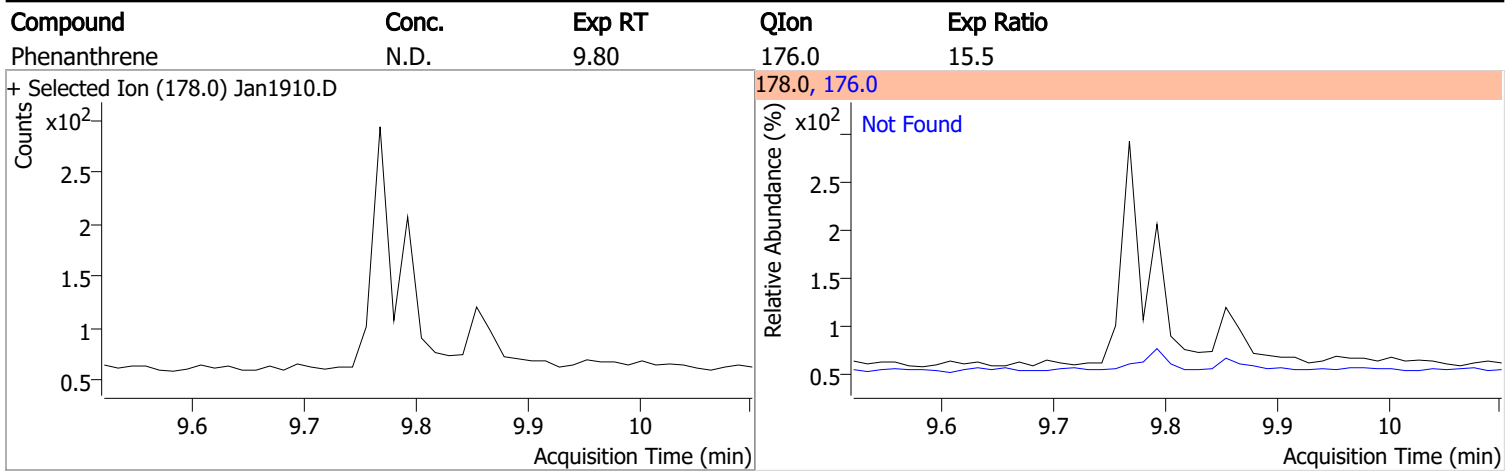
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		69.1	128.3
					167.0		9.7	18.0

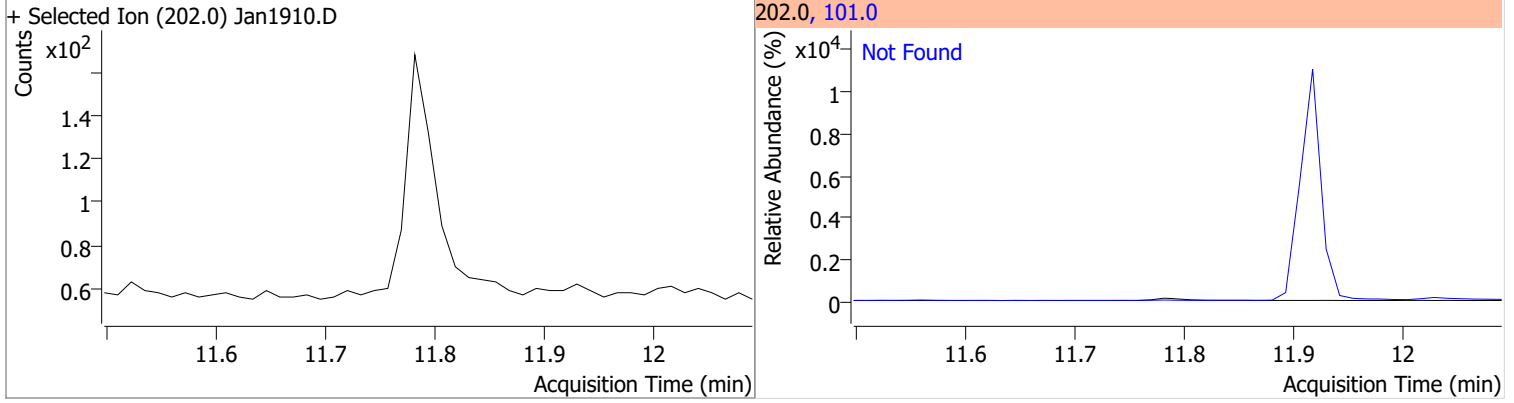


# Quantitation Results Report (QT Reviewed)

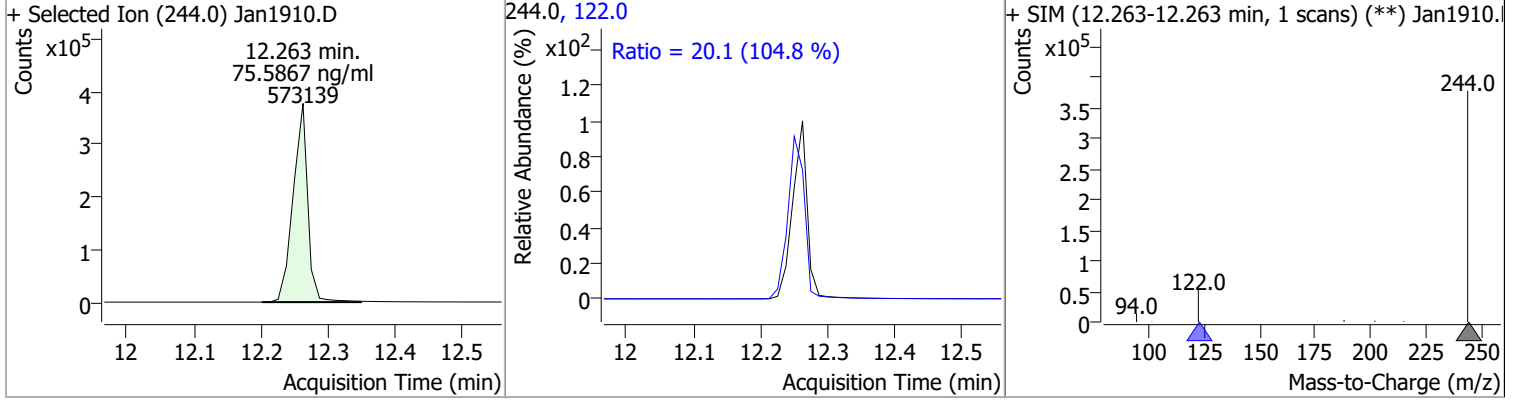


# Quantitation Results Report (QT Reviewed)

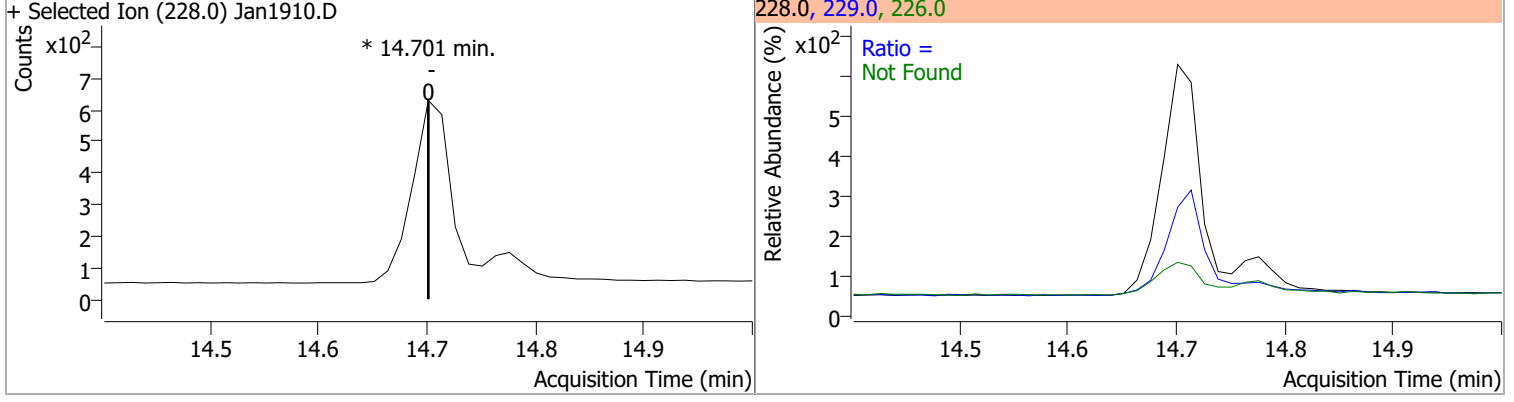
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.79	101.0	15.3



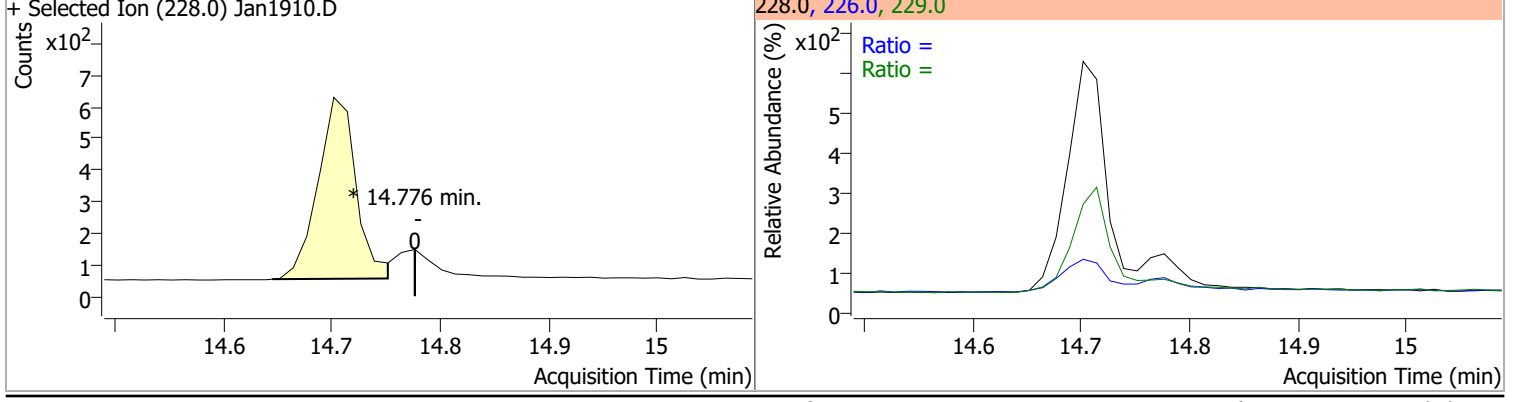
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	75.5867	12.26	0.00	573139	122.0	20.1	13.4	25.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	0	0	0	0	226.0		18.9	35.1
					229.0		16.1	29.9



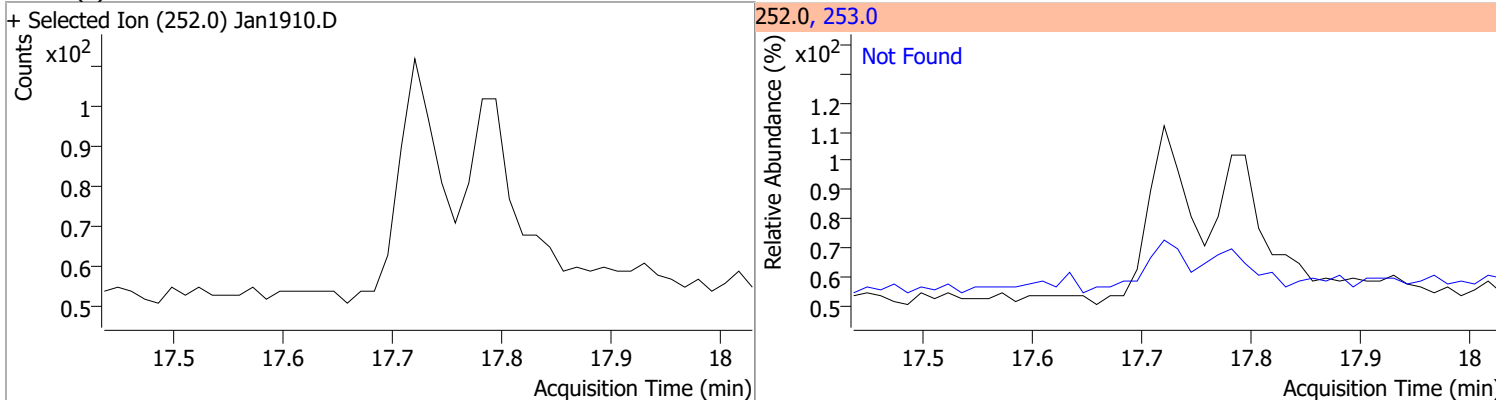
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0	0	0	0	226.0		21.2	39.4
					229.0		15.0	27.8



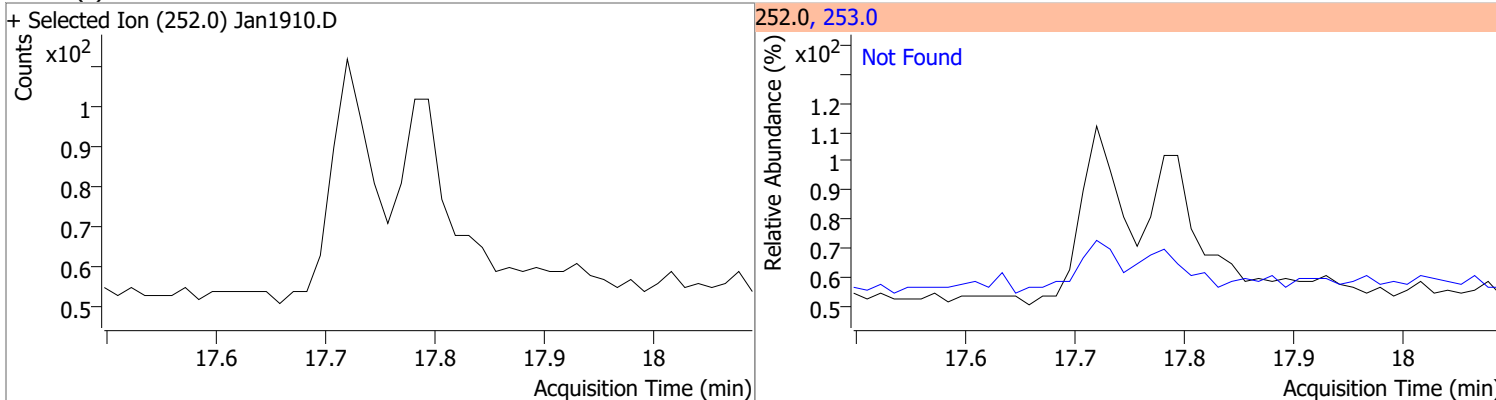


# Quantitation Results Report (QT Reviewed)

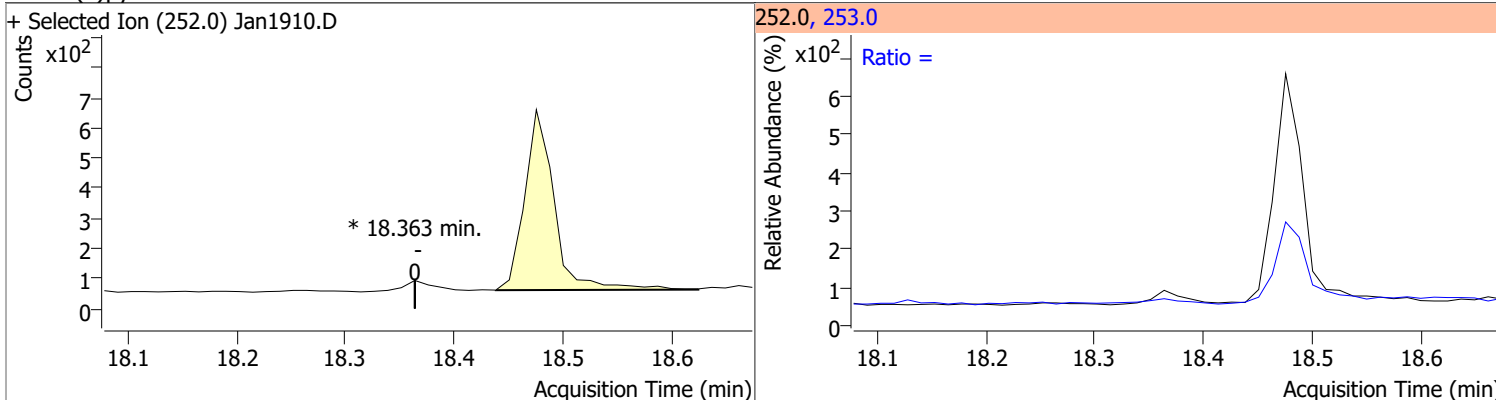
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



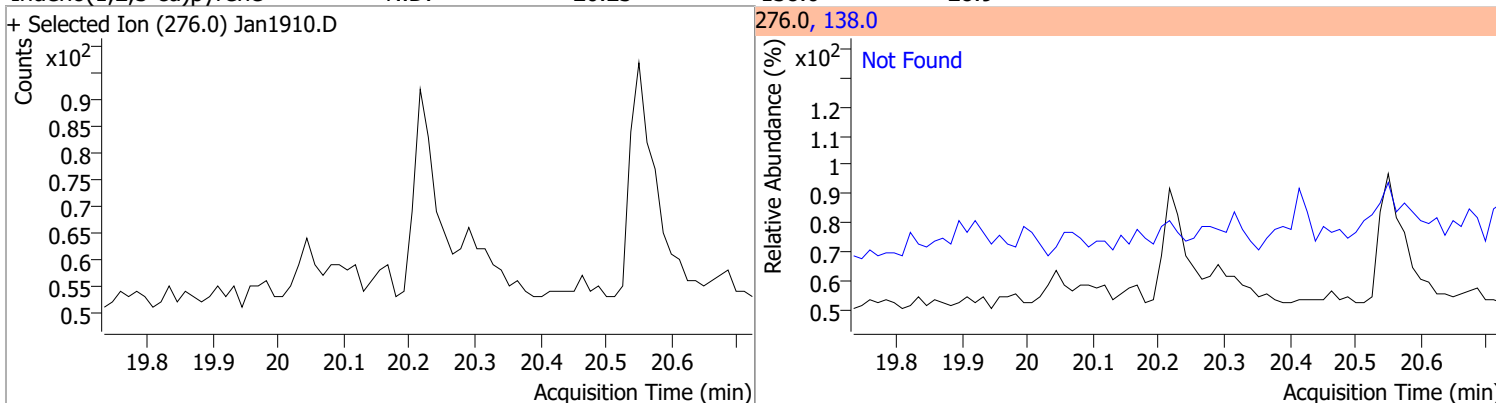
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6

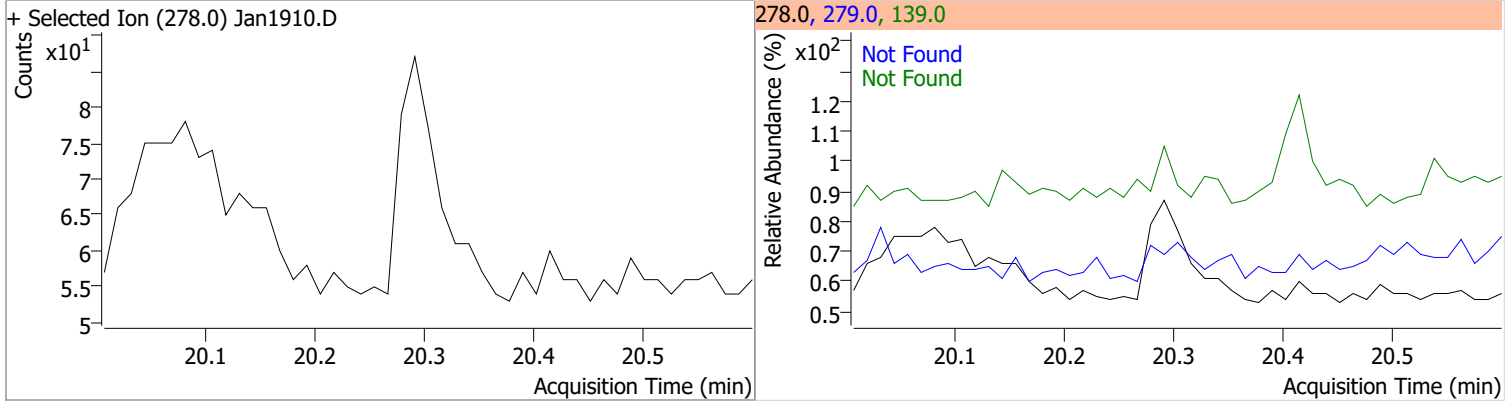


Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9

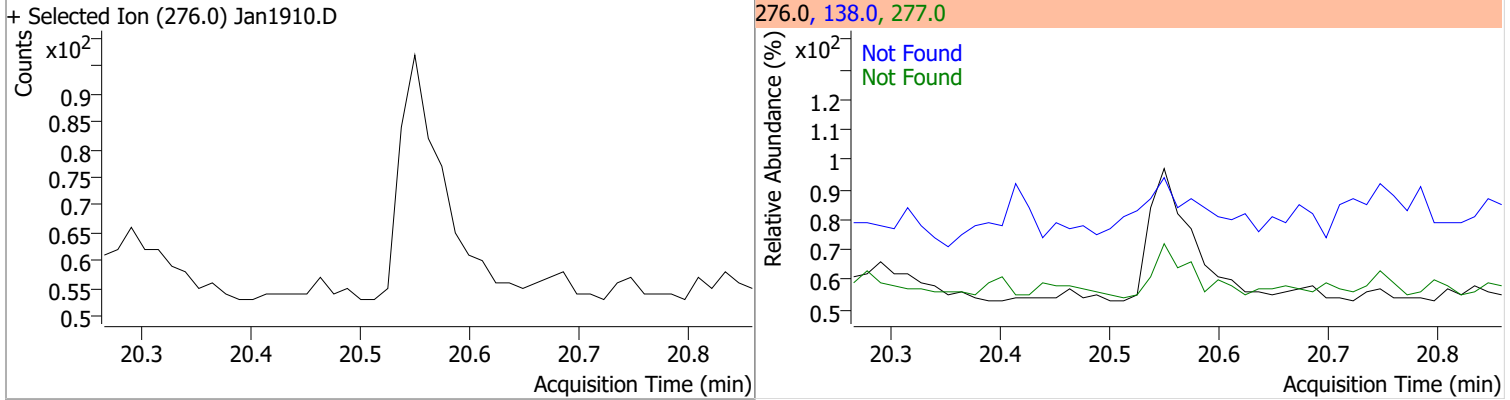


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



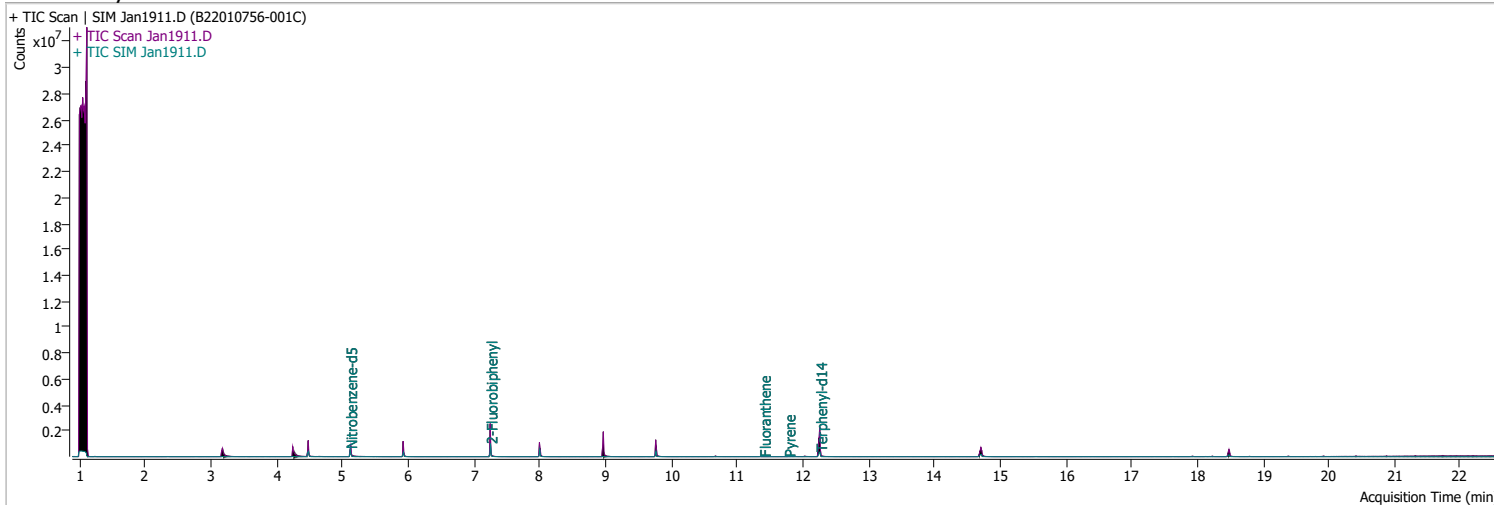
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3



# Quantitation Results Report (QT Reviewed)

Data File	Jan1911.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/19/2022 4:02:35 PM
Sample Name	B22010756-001C	Instrument	GCMS
Vial	11	Multiplier	1.00
DA Method File	011822 bna SIM1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011922 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.484	152.0	190073	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.928	136.0	354274	40.0000	ng/ml	-0.013
M Acenaphthene-d10	8.000	164.0	188034	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	373967	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	272281	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	177269	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	374684	36.7281	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 734.56%		*
S 2-Fluorobiphenyl	7.252	172.0	663605	73.4225	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1468.45%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.263	244.0	528536	72.8125	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1456.25%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.013	154.0	0		ng/ml	md 1
T Fluorene	8.661	166.0	0		ng/ml	md 1
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	11.411	202.0	641	0.0505	ng/ml	99
T Pyrene	11.781	202.0	665	0.0485	ng/ml	m 92
T Benzo(a)Anthracene	14.714	228.0	0		ng/ml	md 1
T Chrysene	14.776	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	0.000		0	N.D.		

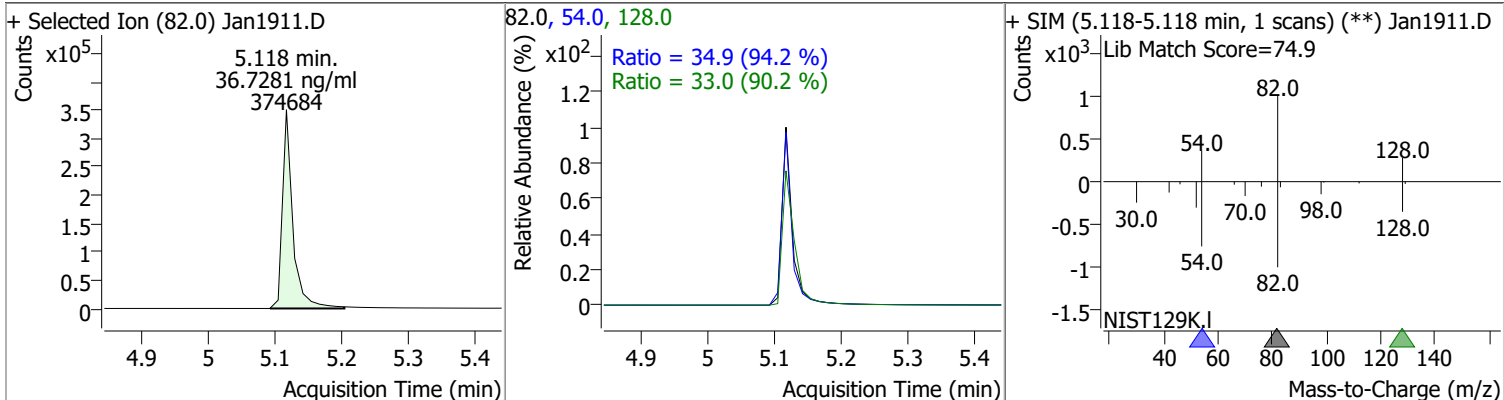
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.363	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

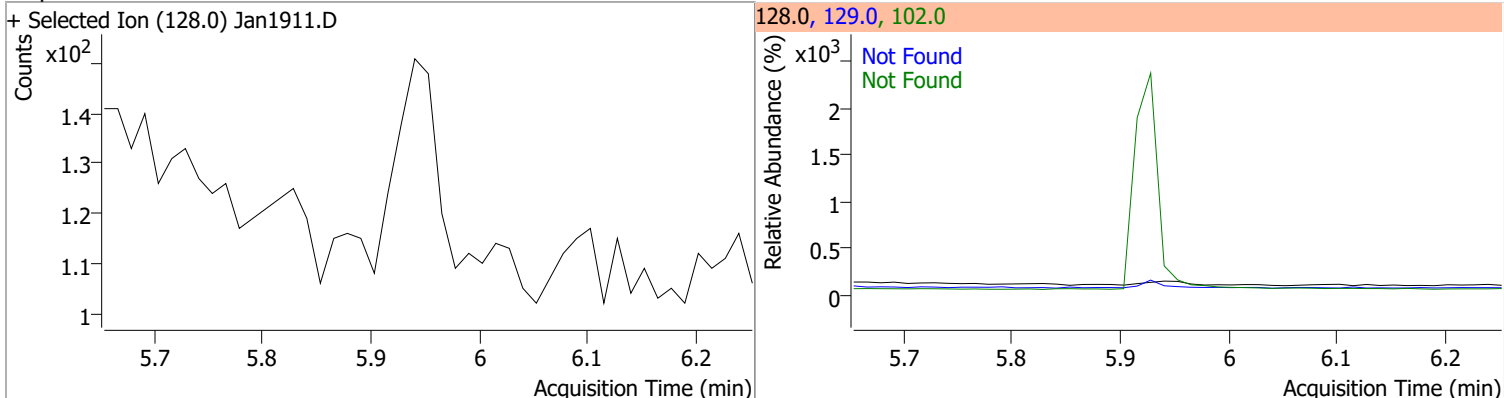
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

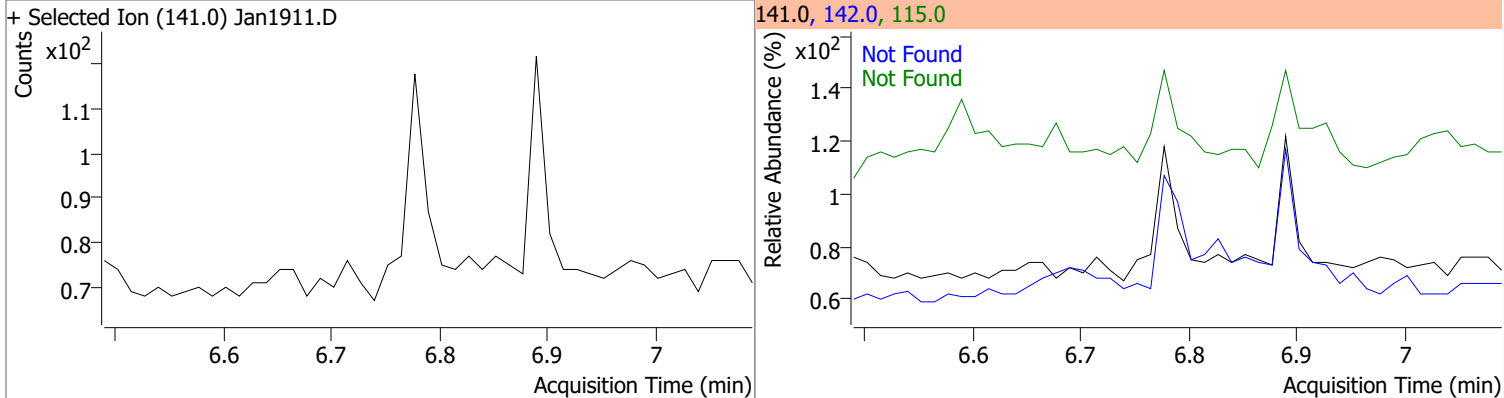
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	36.7281	5.12	-0.02	374684	54.0	34.9	25.9	48.1
					128.0	33.0	25.6	47.6



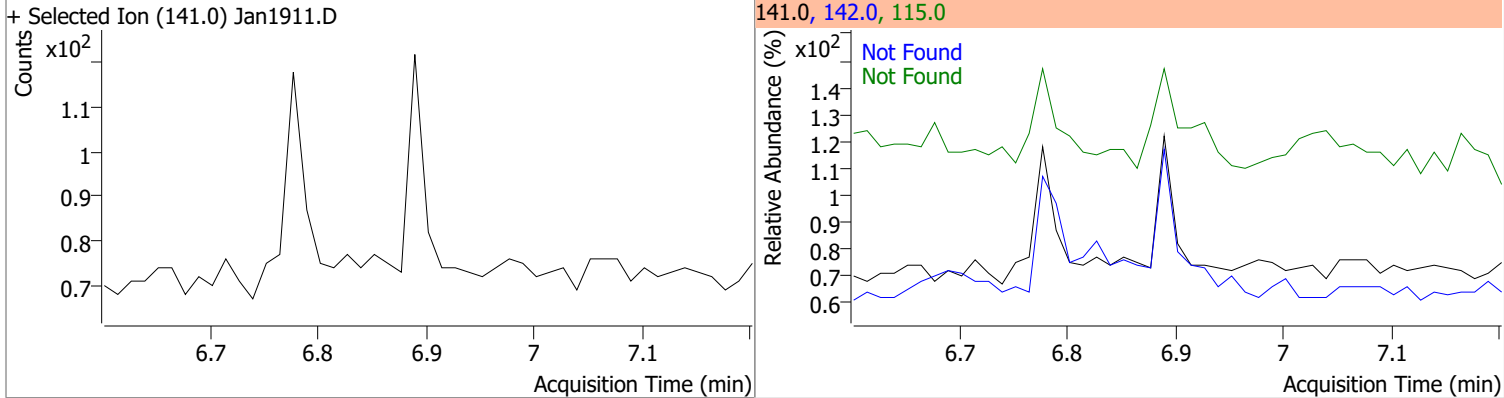
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



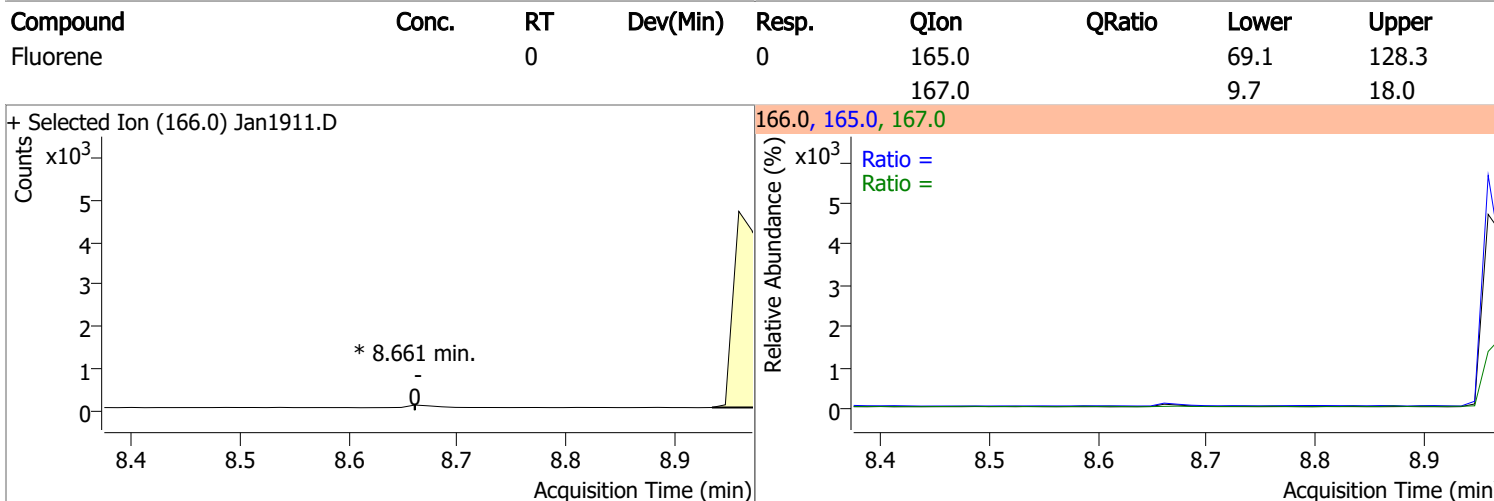
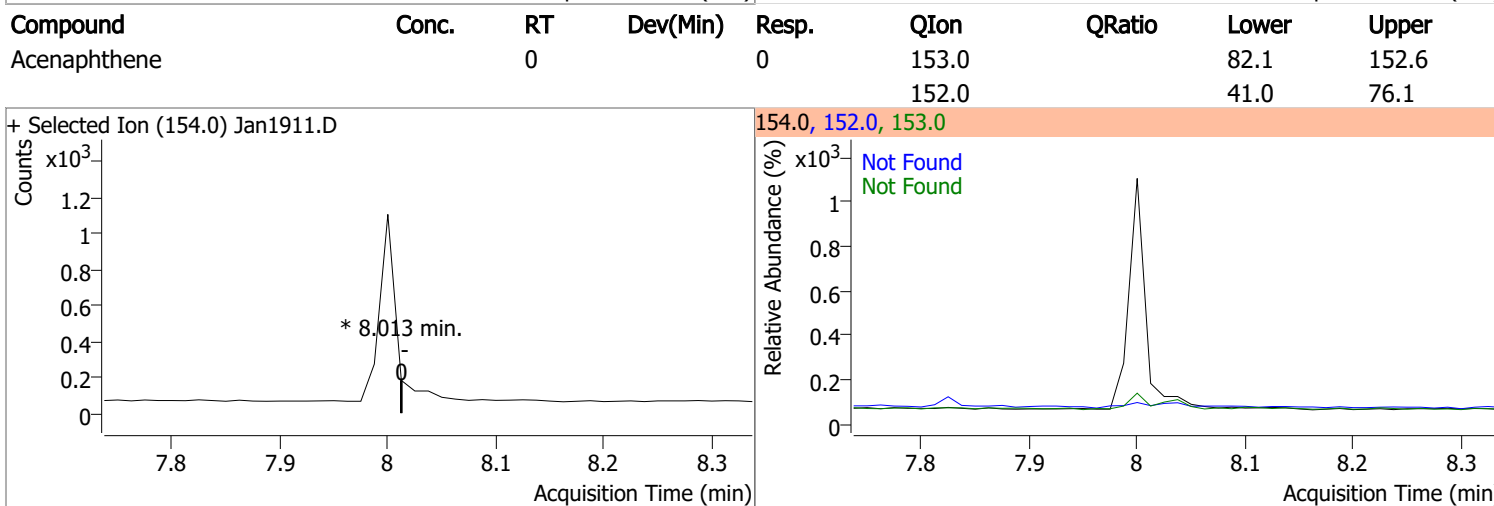
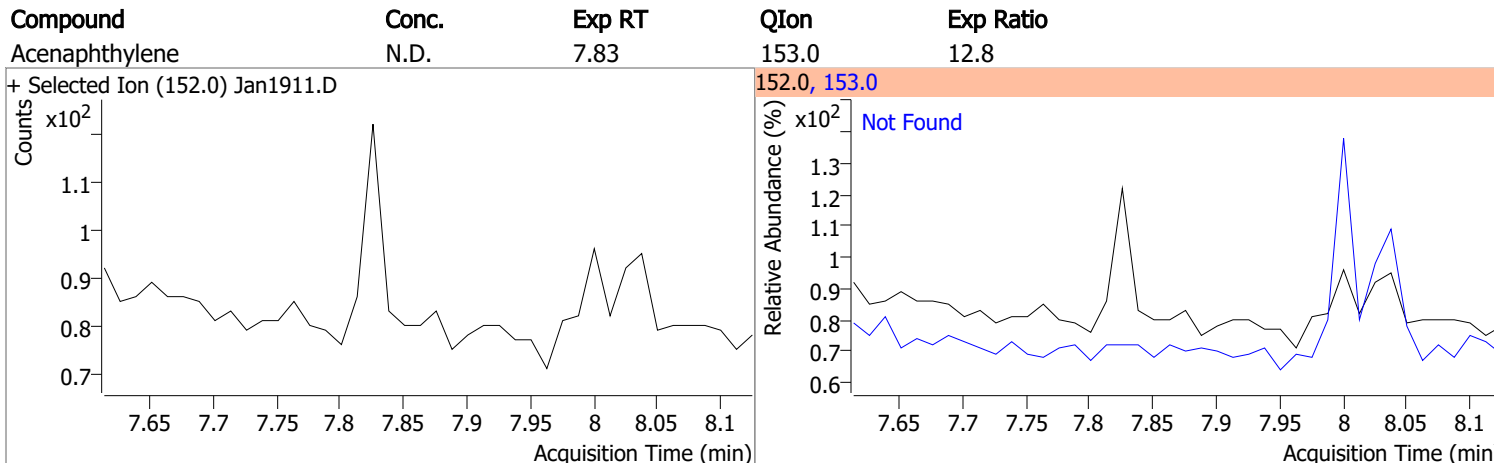
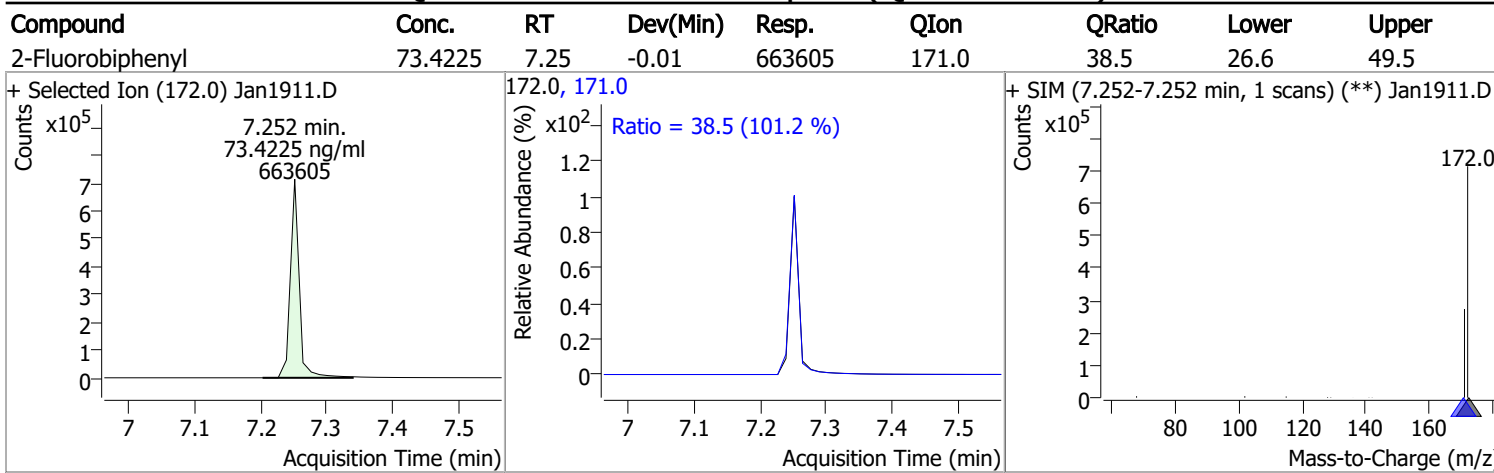
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8



# Quantitation Results Report (QT Reviewed)



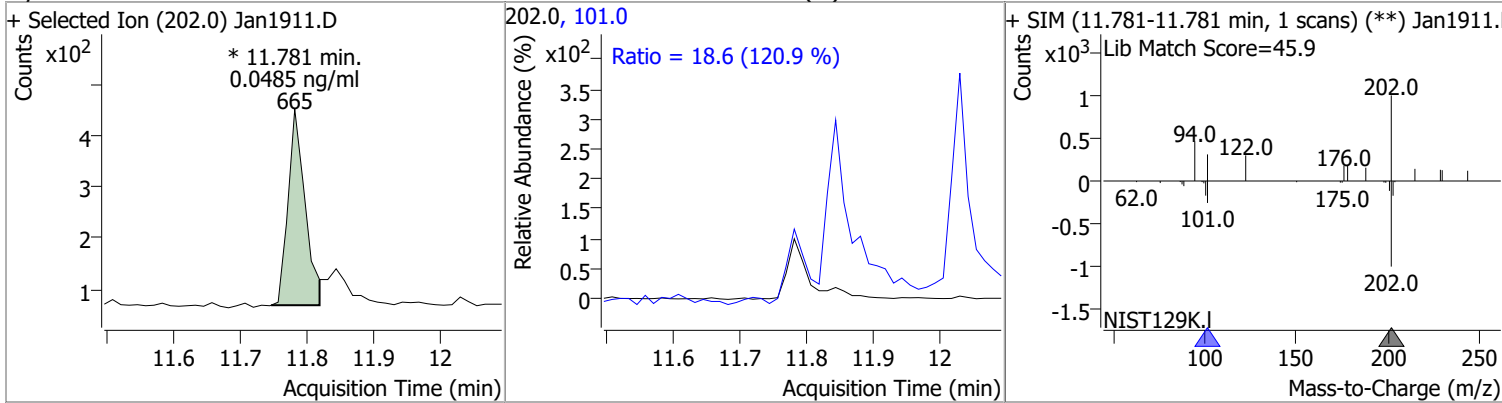
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio		
Phenanthrene	N.D.	9.80	176.0	15.5		
+ Selected Ion (178.0) Jan1911.D			178.0, 176.0			
Anthracene	N.D.	9.87	176.0	18.1		
+ Selected Ion (178.0) Jan1911.D			178.0, 176.0			
o-Terphenyl	N.D.	10.30	229.0	70.2	QIon	Exp Ratio
+ Selected Ion (230.0) Jan1911.D			230.0, 229.0, 215.0			

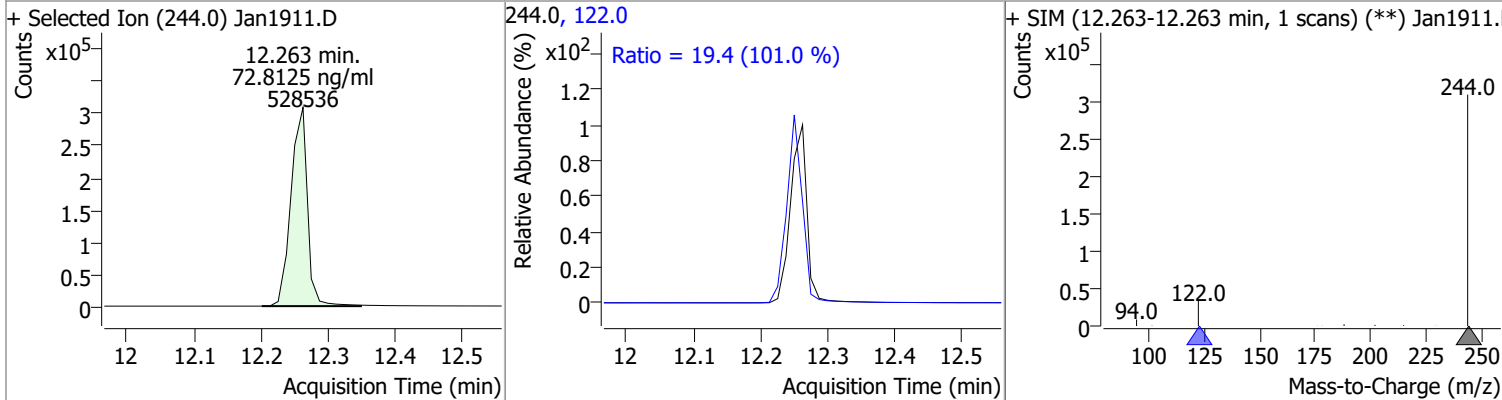
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	0.0505	11.41	0.00	641	101.0	14.3	9.6	17.9
+ Selected Ion (202.0) Jan1911.D			202.0, 101.0					

# Quantitation Results Report (QT Reviewed)

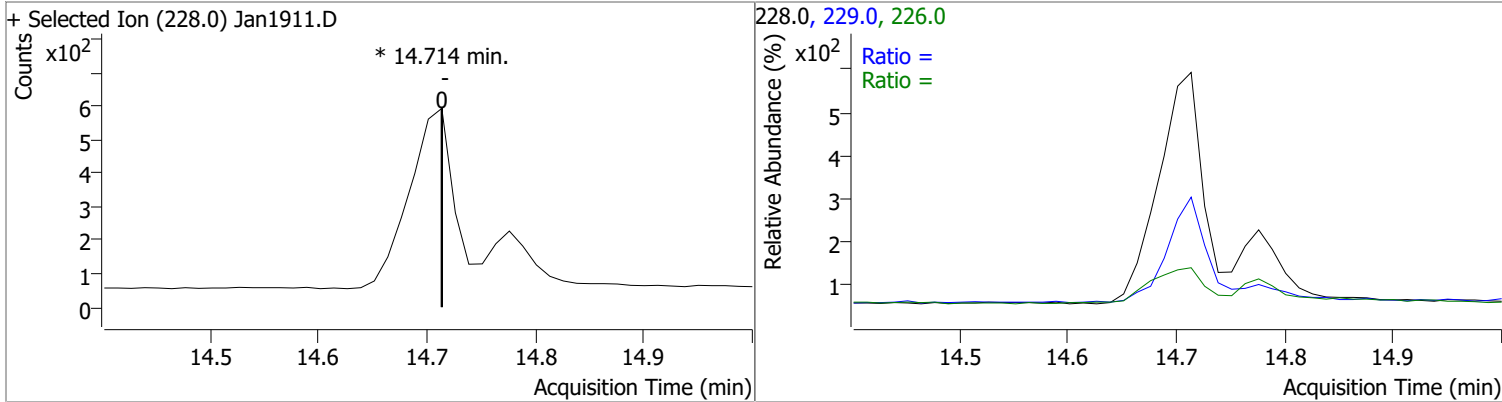
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	0.0485	11.78	-0.01	665 (m)	101.0	18.6	10.7	20.0



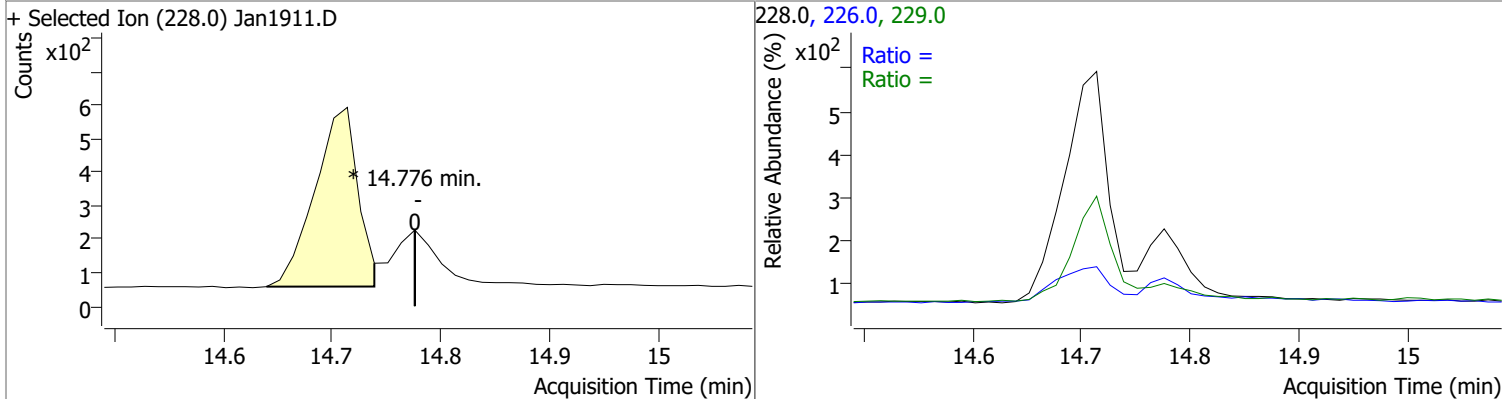
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	72.8125	12.26	0.00	528536	122.0	19.4	13.4	25.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	0	0	0	0	226.0 229.0		18.9 16.1	35.1 29.9



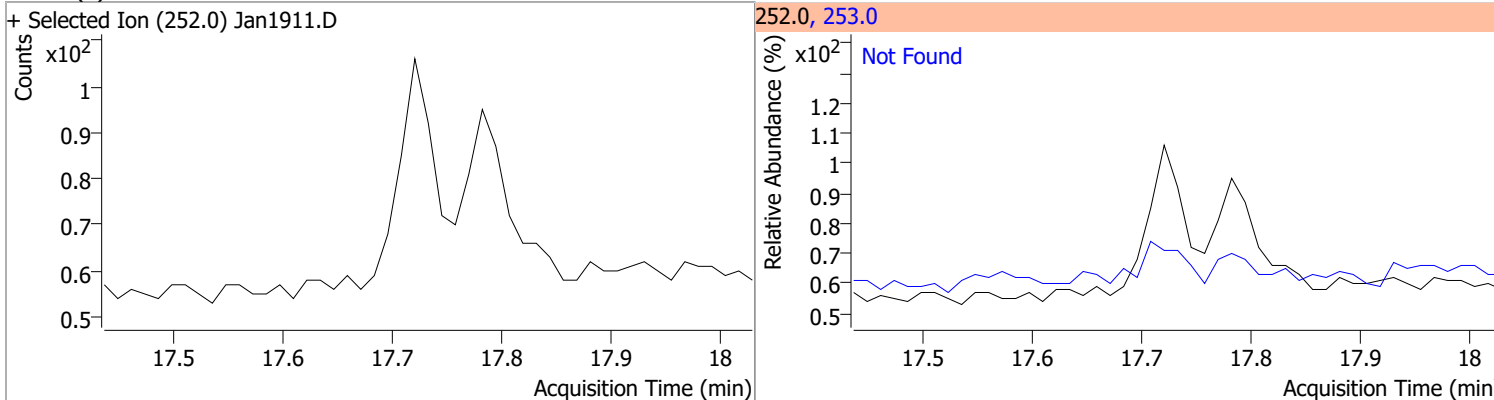
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0	0	0	0	226.0 229.0		21.2 15.0	39.4 27.8



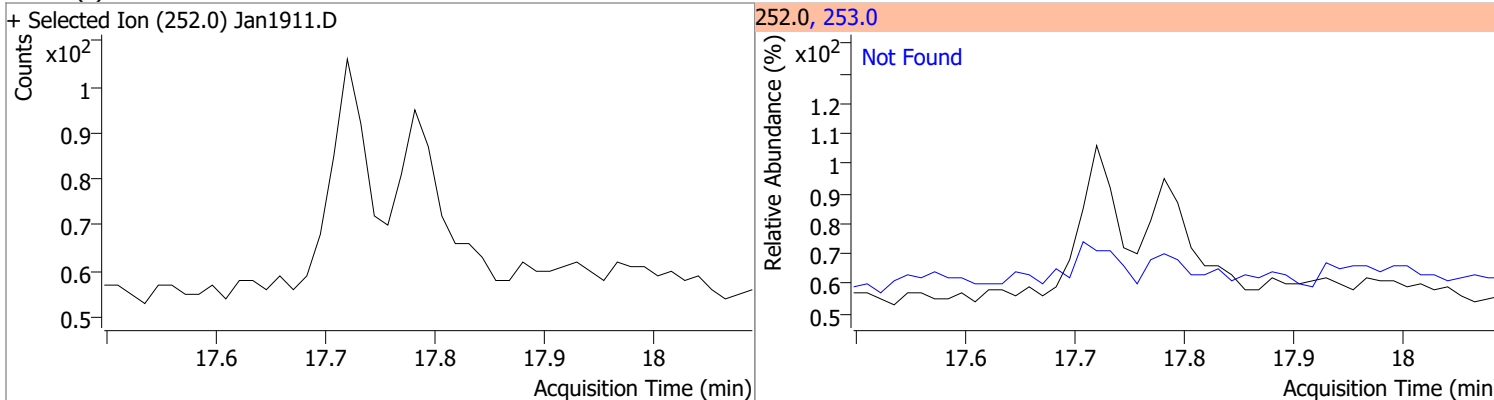


# Quantitation Results Report (QT Reviewed)

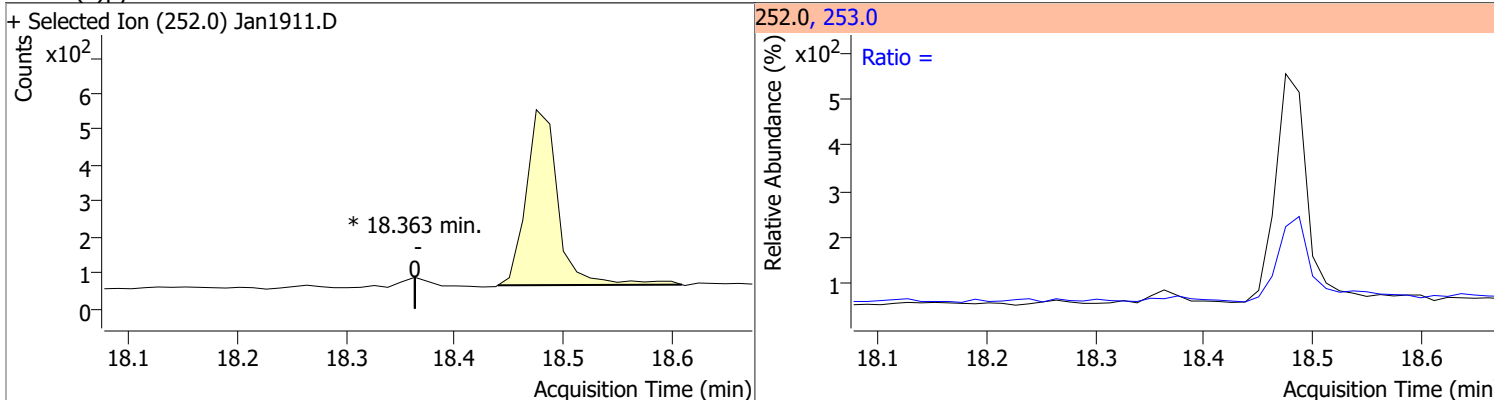
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



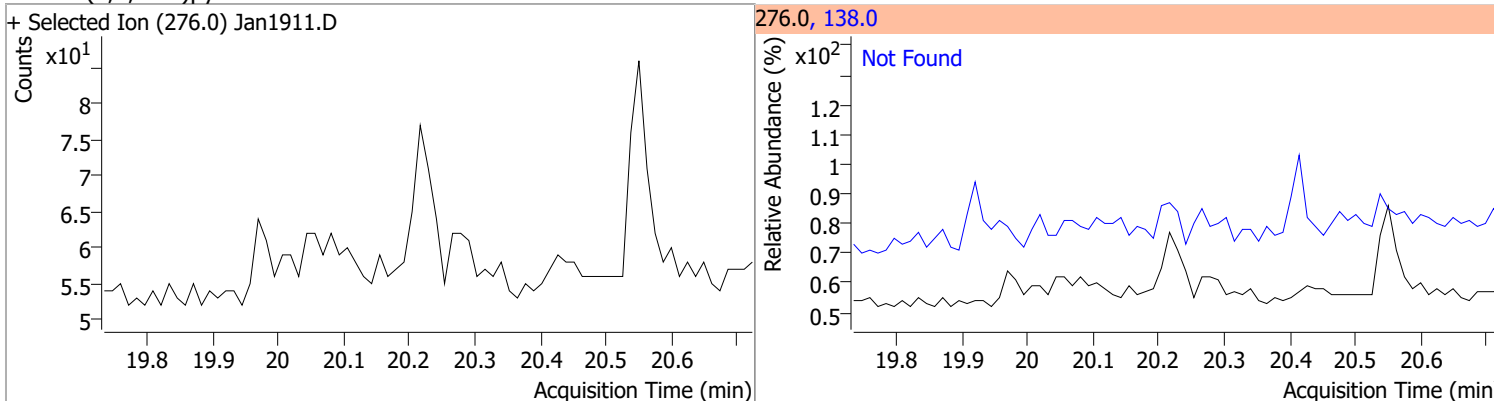
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6

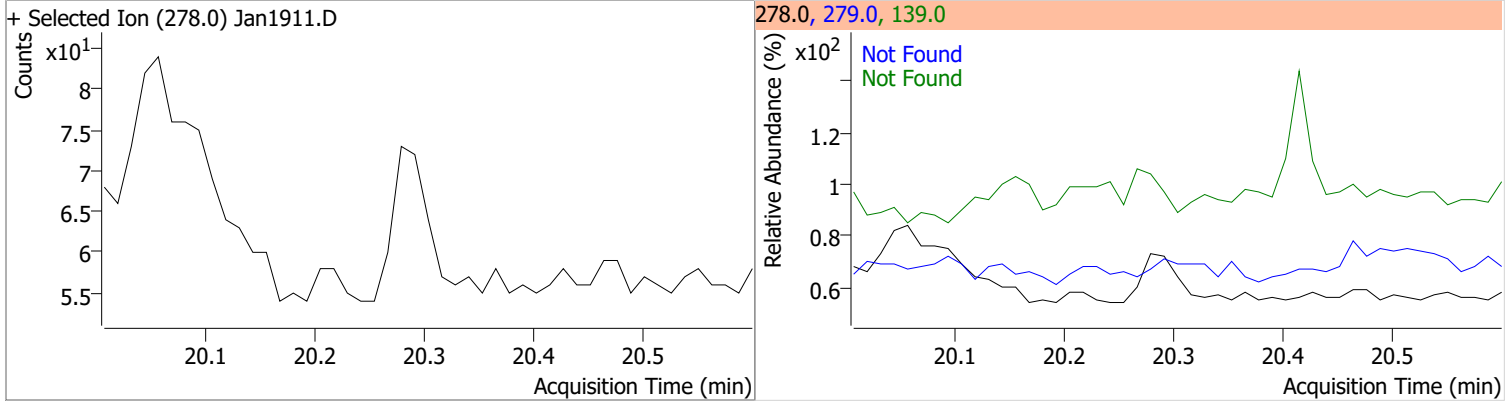


Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9

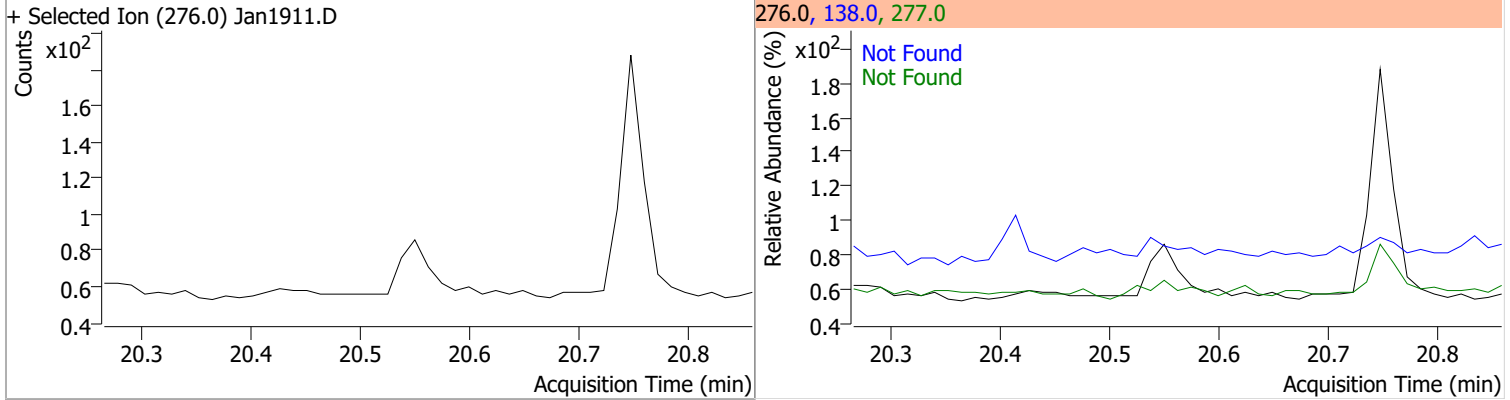


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



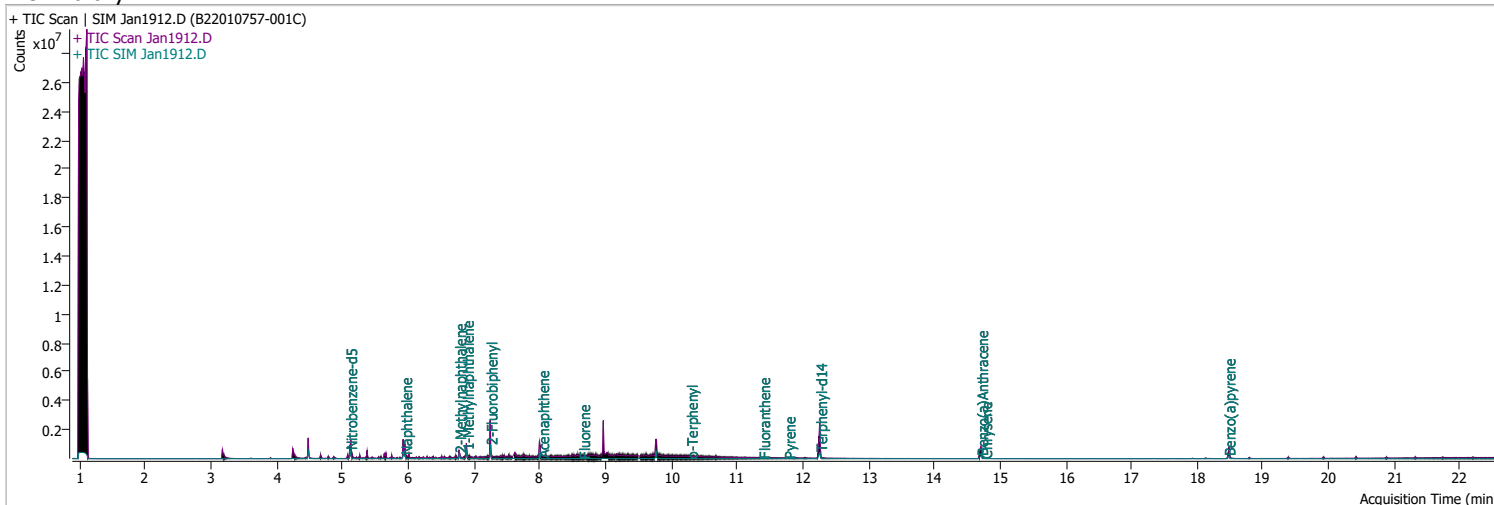
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3



# Quantitation Results Report (QT Reviewed)

Data File	Jan1912.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/19/2022 4:34:55 PM
Sample Name	B22010757-001C	Instrument	GCMS
Vial	12	Multiplier	1.00
DA Method File	011822 bna SIM1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011922 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.484	152.0	201673	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.928	136.0	343153	40.0000	ng/ml	-0.012
M Acenaphthene-d10	8.001	164.0	201305	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	421552	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	302898	40.0000	ng/ml	-0.012
M Perylene-d12	18.475	264.0	215445	40.0000	ng/ml	-0.025

**System Monitoring Compounds**

S Nitrobenzene-d5	5.118	82.0	345953	33.7954	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 675.91%	*	
S 2-Fluorobiphenyl	7.252	172.0	604013	62.4233	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1248.47%	*	
S o-Terphenyl	10.299	230.0	1008	0.1470	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 2.94%	*	
S Terphenyl-d14	12.263	244.0	581091	72.1704	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1443.41%	*	

**Target Compounds**

Compound	RT	QIon	Resp.	Conc.	Units	#	QValue
T Naphthalene	5.953	128.0	222896	18.7750	ng/ml	#m	92
T 2-Methylnaphthalene	6.778	141.0	126873	19.1469	ng/ml		78
T 1-Methylnaphthalene	6.890	141.0	192551	27.5521	ng/ml	m	97
T Acenaphthylene	7.839	152.0	0		ng/ml	md	1
T Acenaphthene	8.038	154.0	2546	0.3226	ng/ml	#	50
T Fluorene	8.661	166.0	1593	0.1707	ng/ml		89
T Phenanthrene	9.793	178.0	0		ng/ml	md	1
T Anthracene	9.793	178.0	0		ng/ml	md	1
T Fluoranthene	11.398	202.0	2513	0.1757	ng/ml		92
T Pyrene	11.781	202.0	2577	0.1689	ng/ml		98
T Benzo(a)Anthracene	14.714	228.0	1861	0.0452	ng/ml	#	65
T Chrysene	14.776	228.0	756	0.0546	ng/ml		76
T Benzo(b)fluoranthene	0.000		0	N.D.			

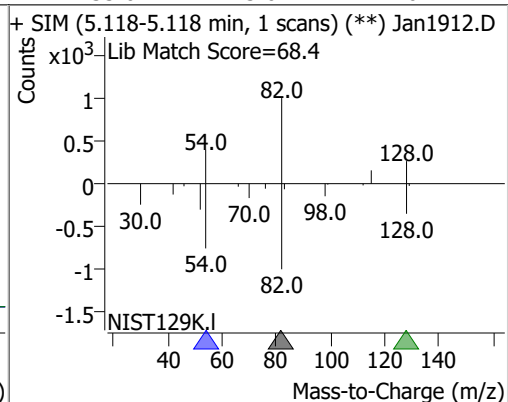
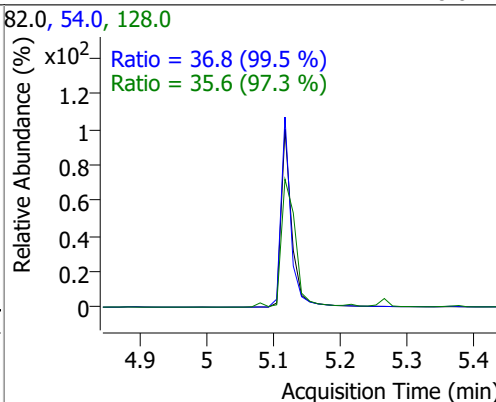
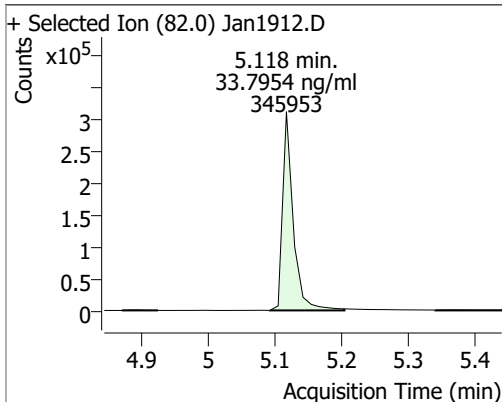
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.475	252.0	1288	0.1646	ng/ml #	71
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

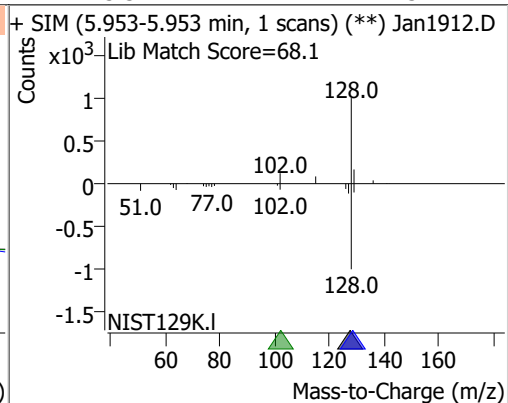
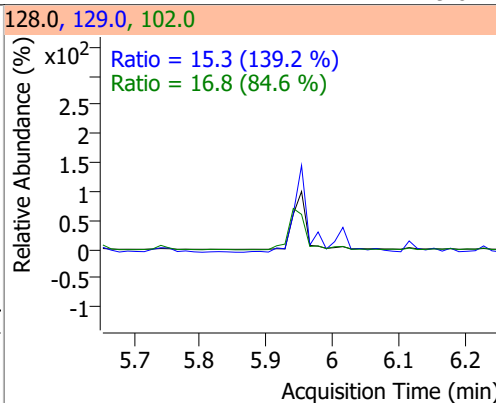
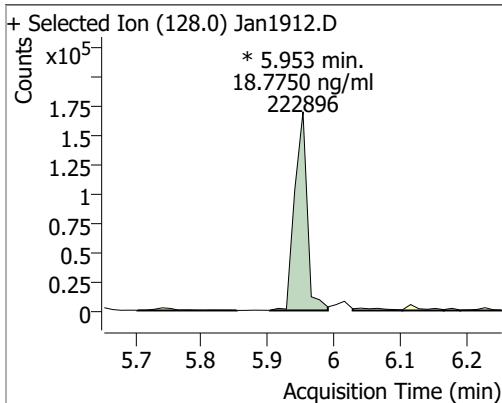
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

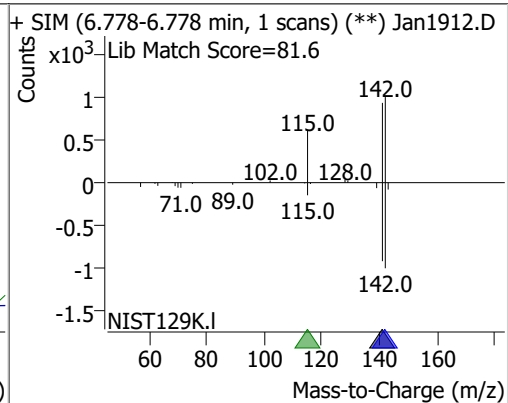
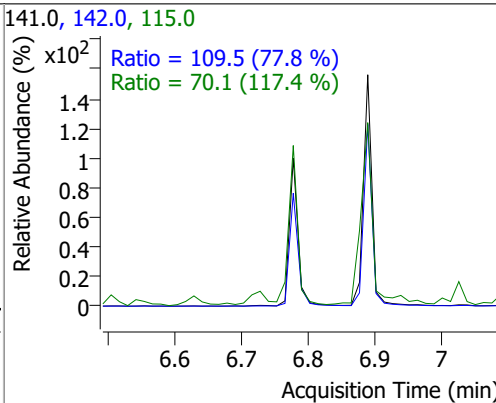
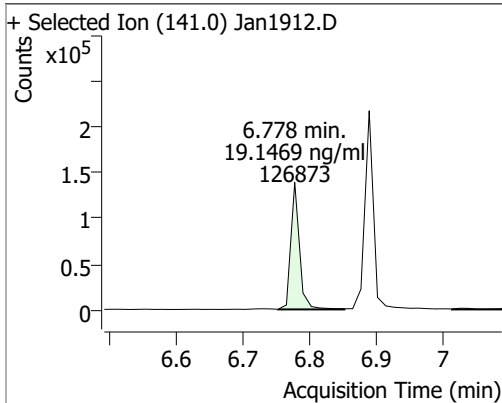
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	33.7954	5.12	-0.02	345953	54.0	36.8	25.9	48.1
					128.0	35.6	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	18.7750	5.95	0.00	222896 (m)	102.0	16.8	0.0	59.6
					129.0	15.3	7.7	14.3

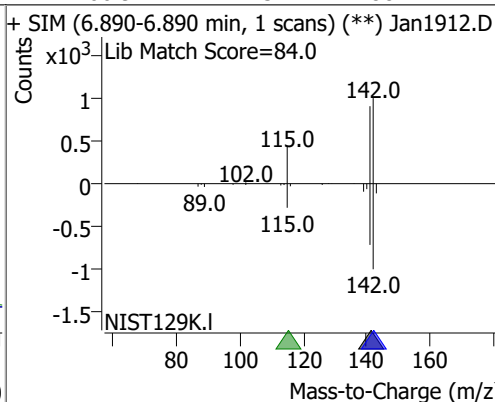
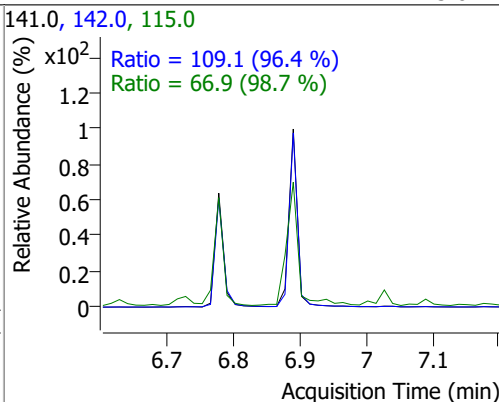
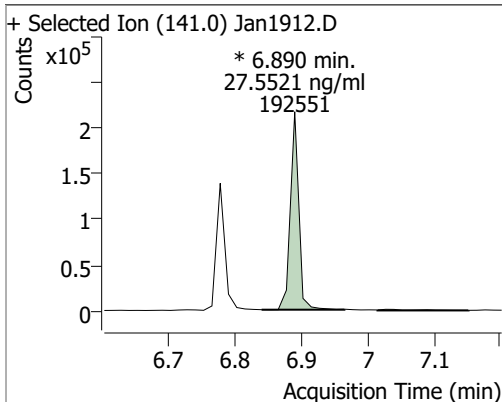


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	19.1469	6.78	-0.01	126873	142.0	109.5	98.5	183.0
					115.0	70.1	41.8	77.6

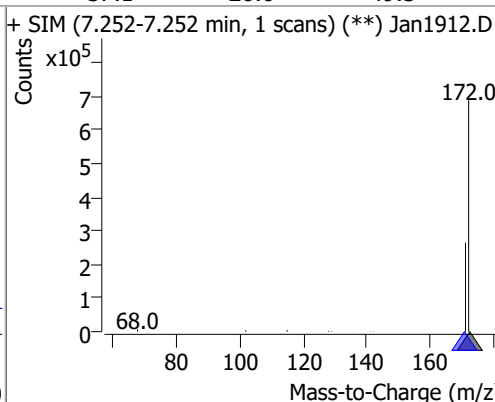
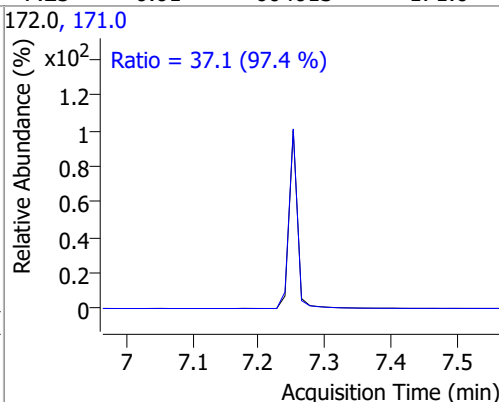
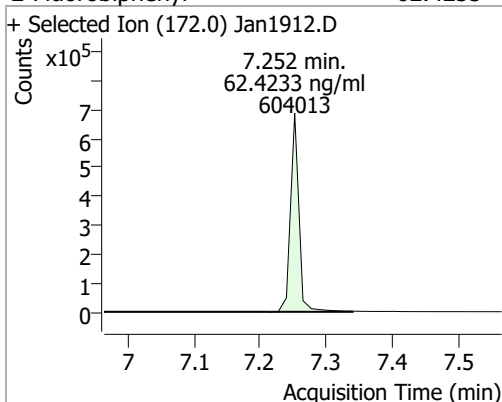


# Quantitation Results Report (QT Reviewed)

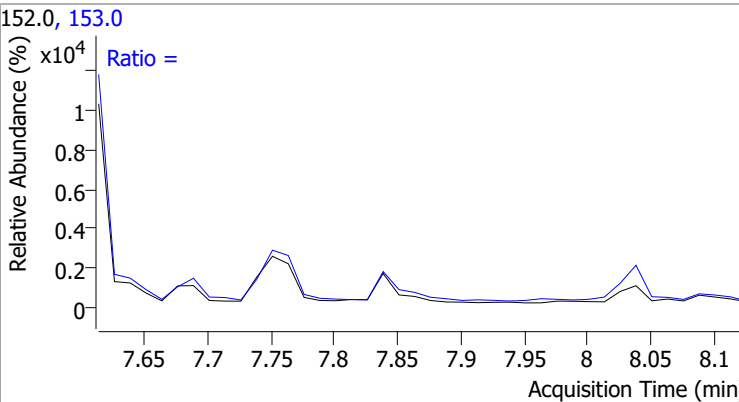
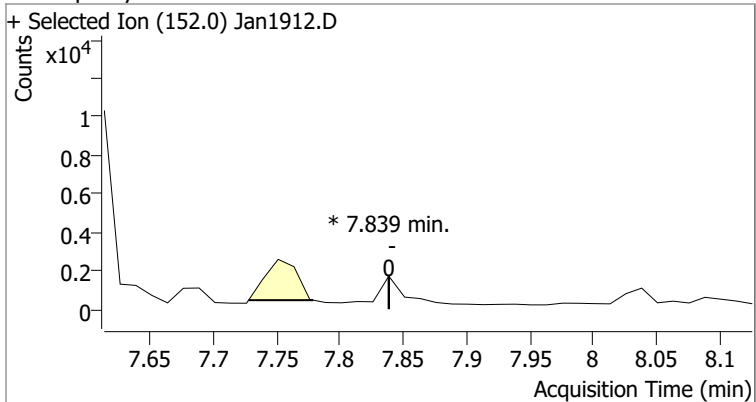
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	27.5521	6.89	-0.01	192551 (m)	142.0	109.1	79.2	147.1
					115.0	66.9	47.5	88.2



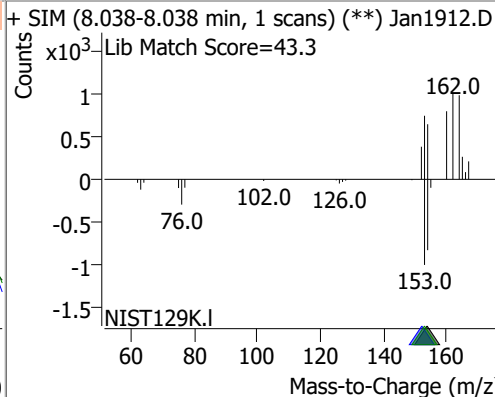
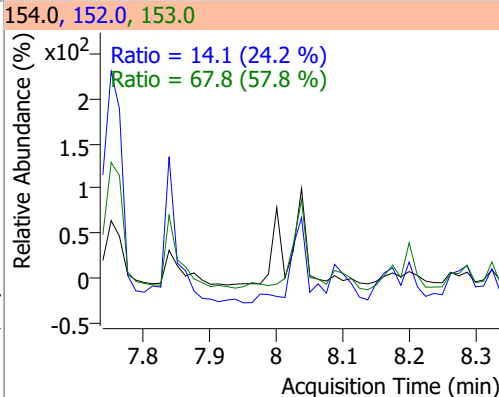
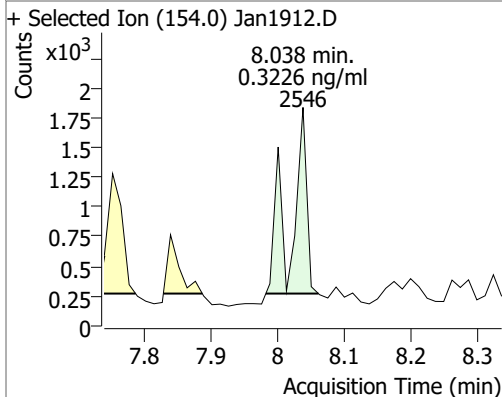
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	62.4233	7.25	-0.01	604013	171.0	37.1	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	0	0	0	0	153.0		9.0	16.6

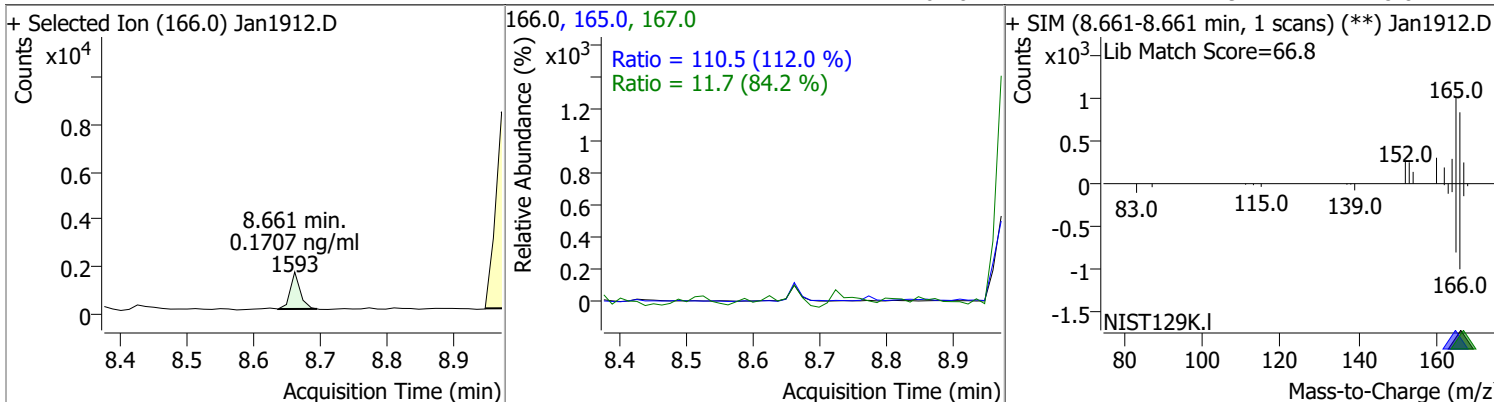


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	0.3226	8.04	0.00	2546	153.0	67.8	82.1	152.6
					152.0	14.1	41.0	76.1

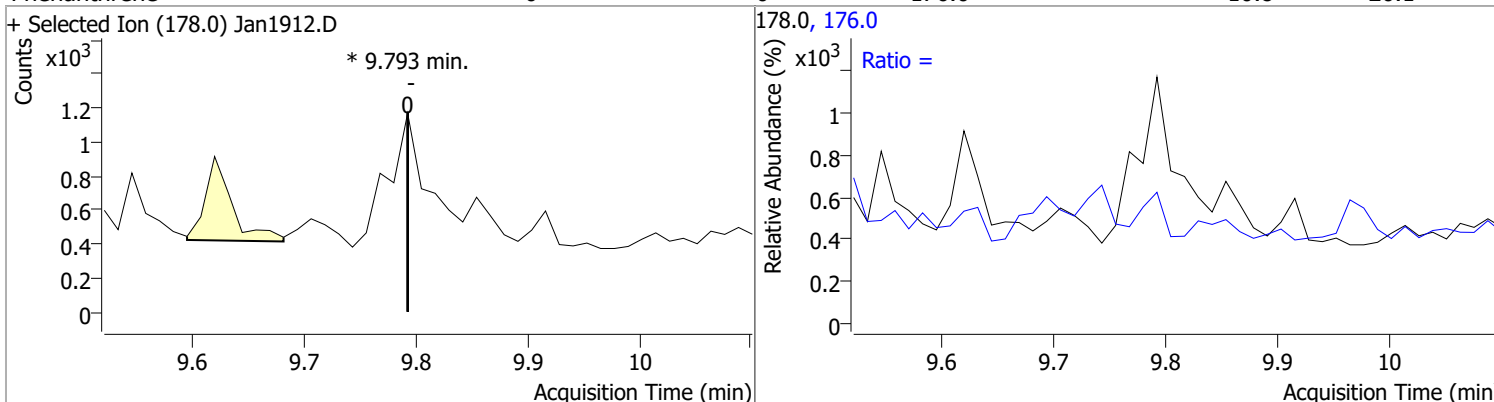


# Quantitation Results Report (QT Reviewed)

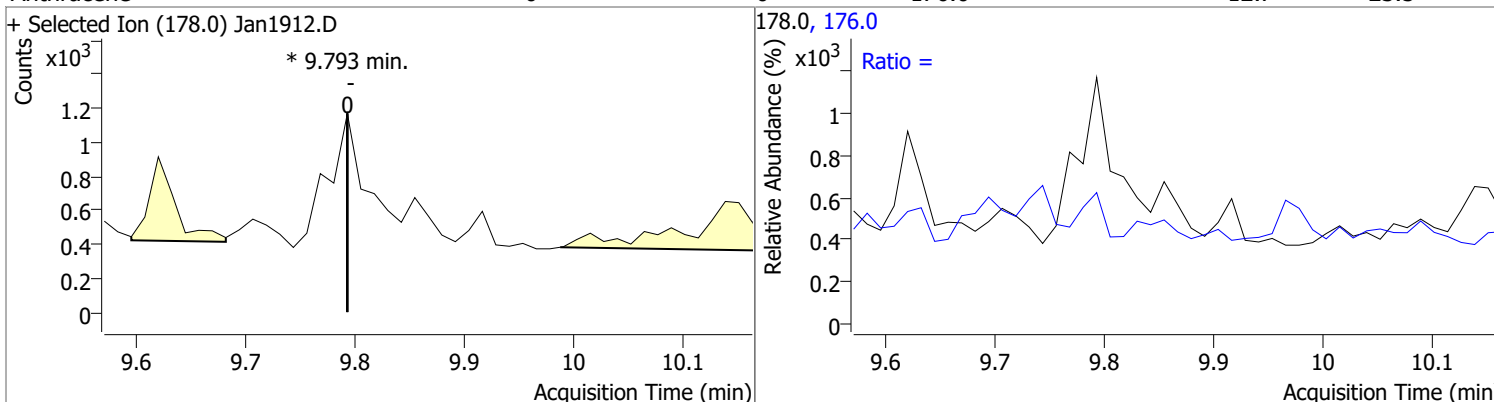
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	0.1707	8.66	-0.01	1593	165.0	110.5	69.1	128.3
					167.0	11.7	9.7	18.0



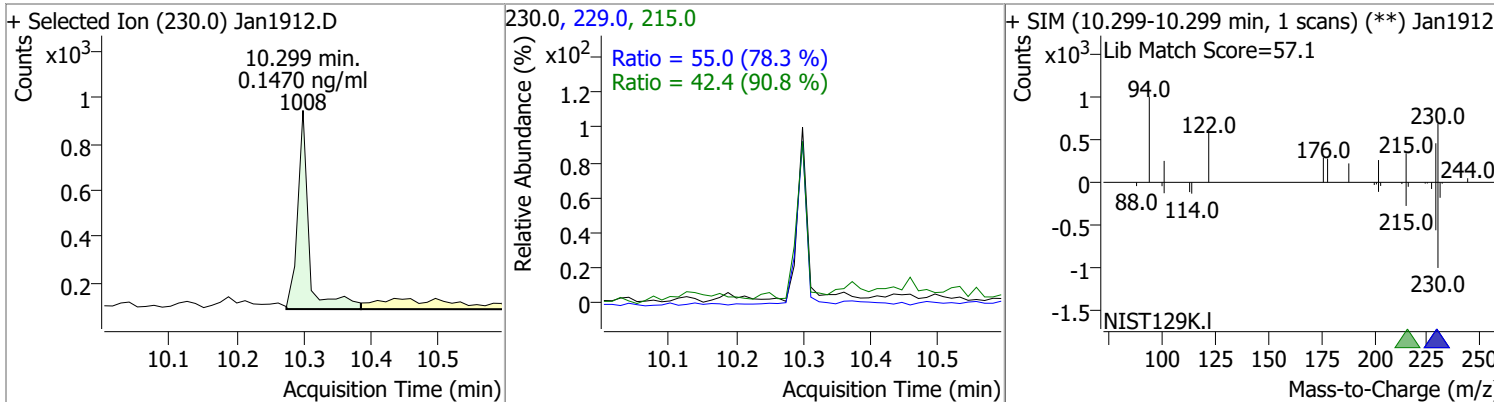
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	0	0	0	0	176.0	10.8	20.1	



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	0	0	0	0	176.0	12.7	23.5	

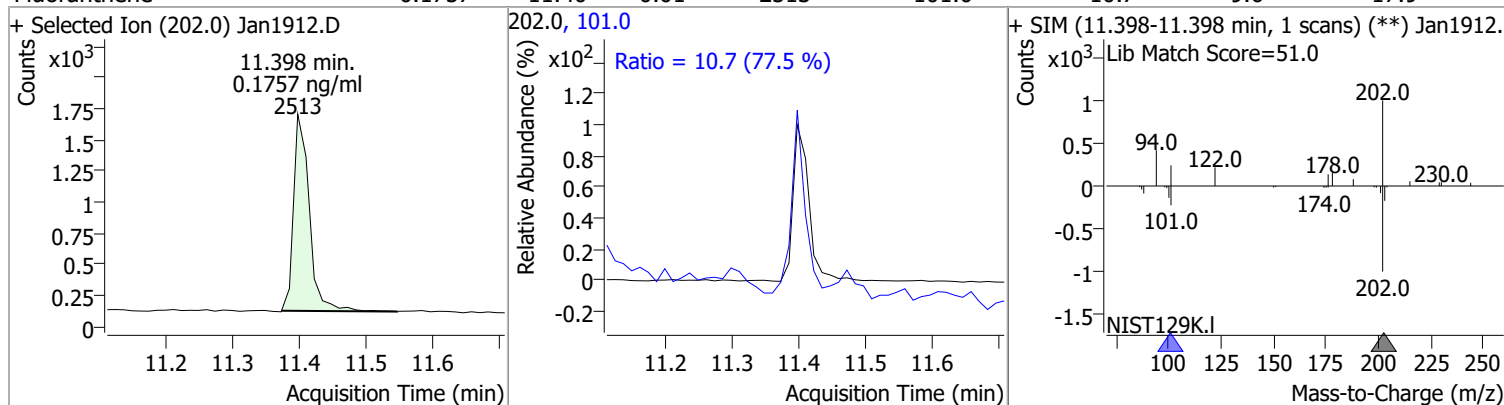


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.1470	10.30	0.00	1008	229.0	55.0	49.2	91.3
					215.0	42.4	32.7	60.7

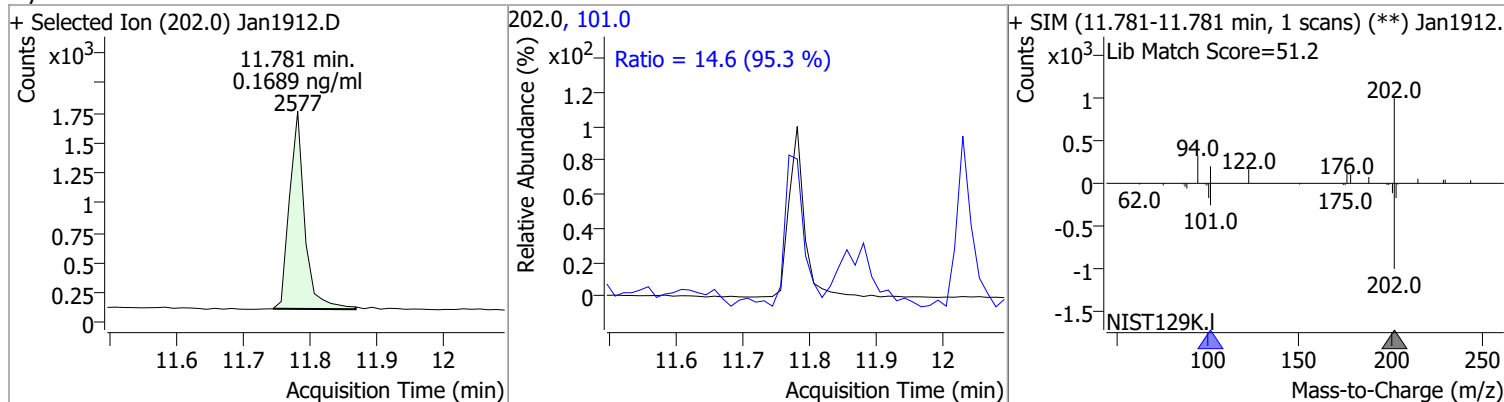


# Quantitation Results Report (QT Reviewed)

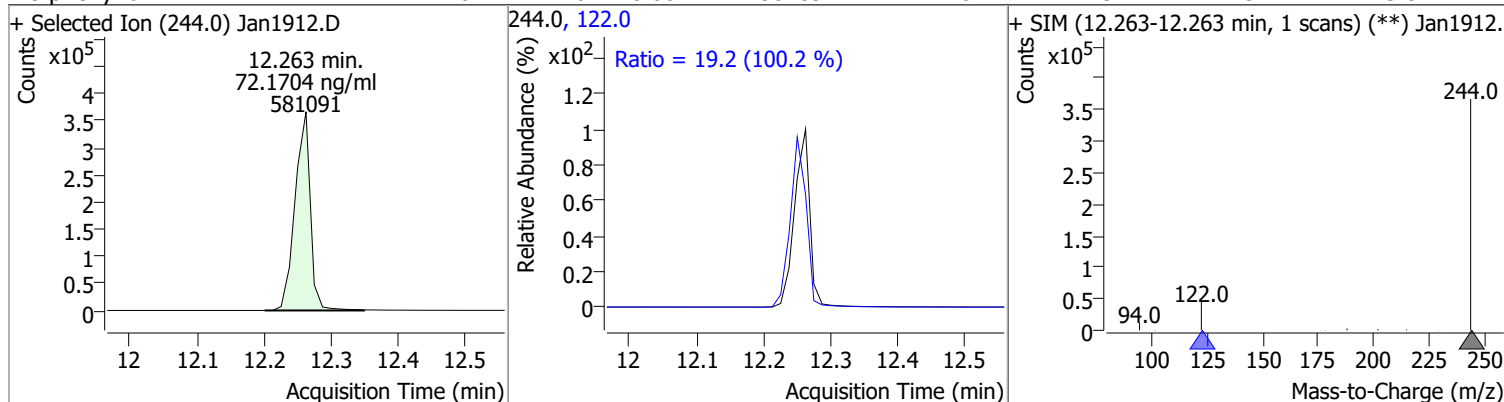
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	0.1757	11.40	-0.01	2513	101.0	10.7	9.6	17.9



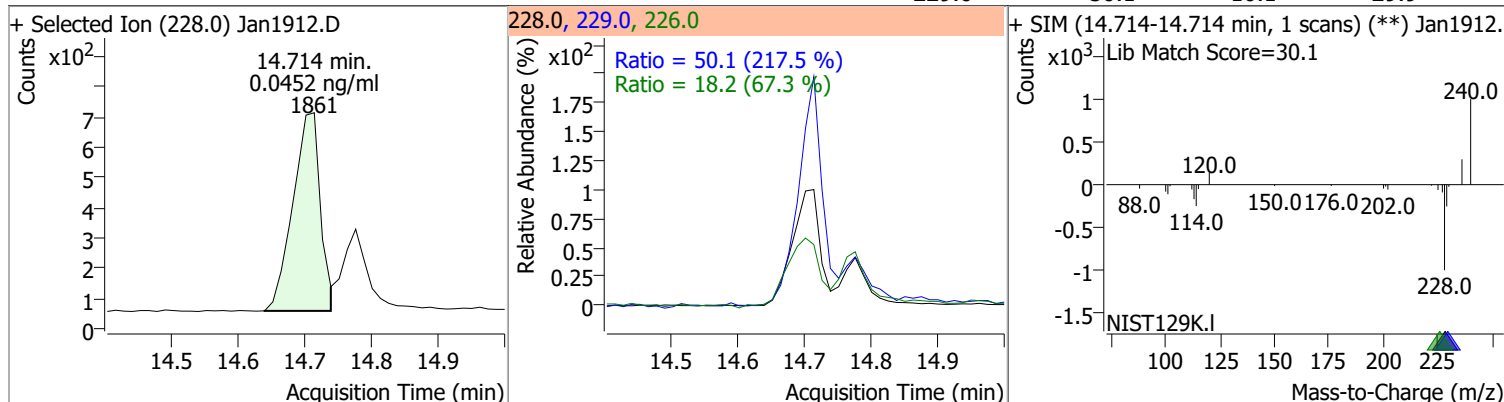
Pyrene	0.1689	11.78	-0.01	2577	101.0	14.6	10.7	20.0
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Terphenyl-d14	72.1704	12.26	0.00	581091	122.0	19.2	13.4	25.0
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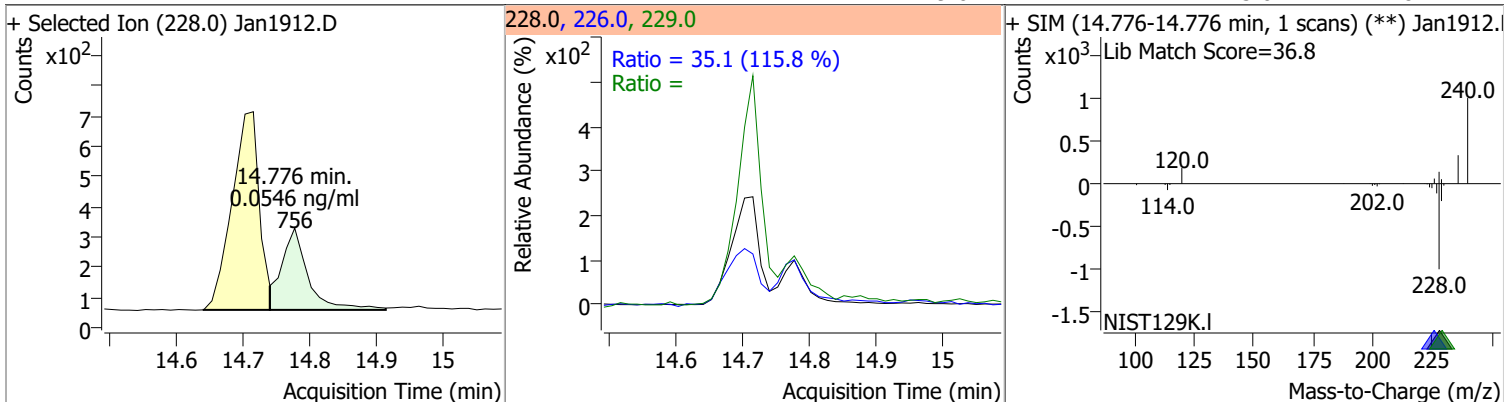
Benzo(a)Anthracene	0.0452	14.71	0.01	1861	226.0	18.2	18.9	35.1
					229.0	50.1	16.1	29.9



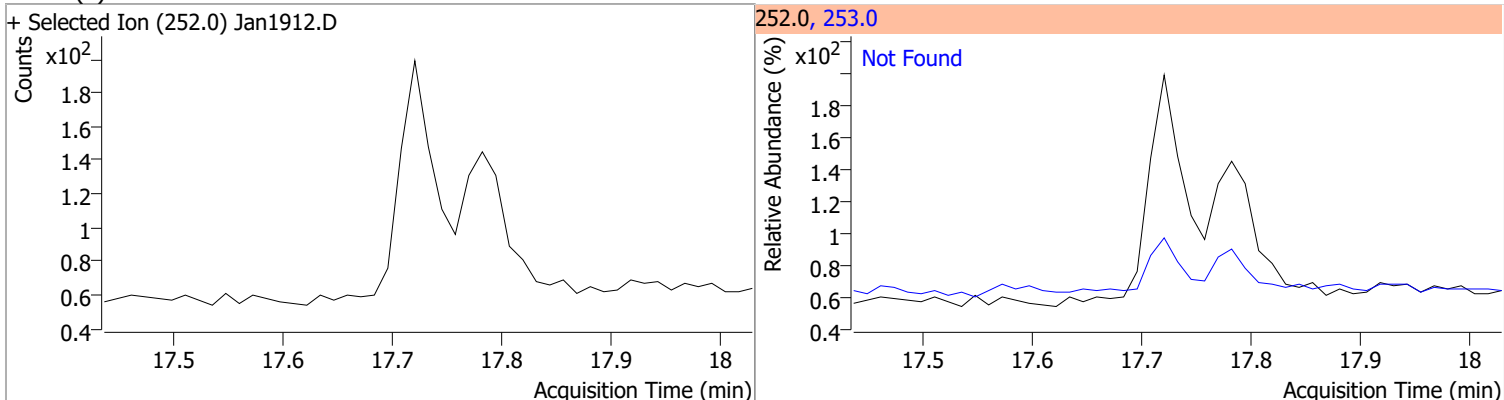


# Quantitation Results Report (QT Reviewed)

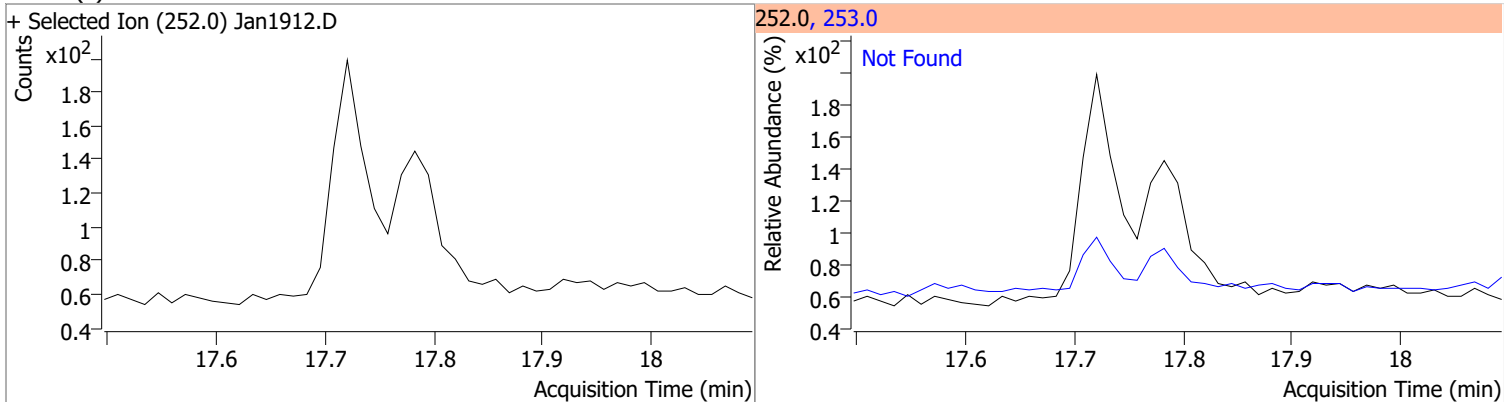
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0.0546	14.78	-0.01	756	226.0 229.0	35.1	21.2 15.0	39.4 27.8



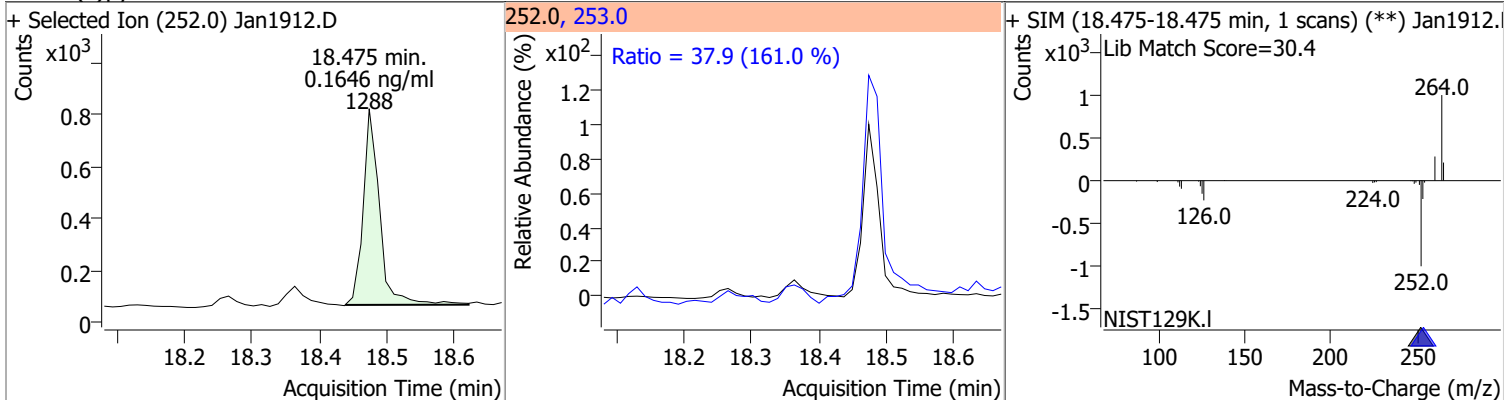
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



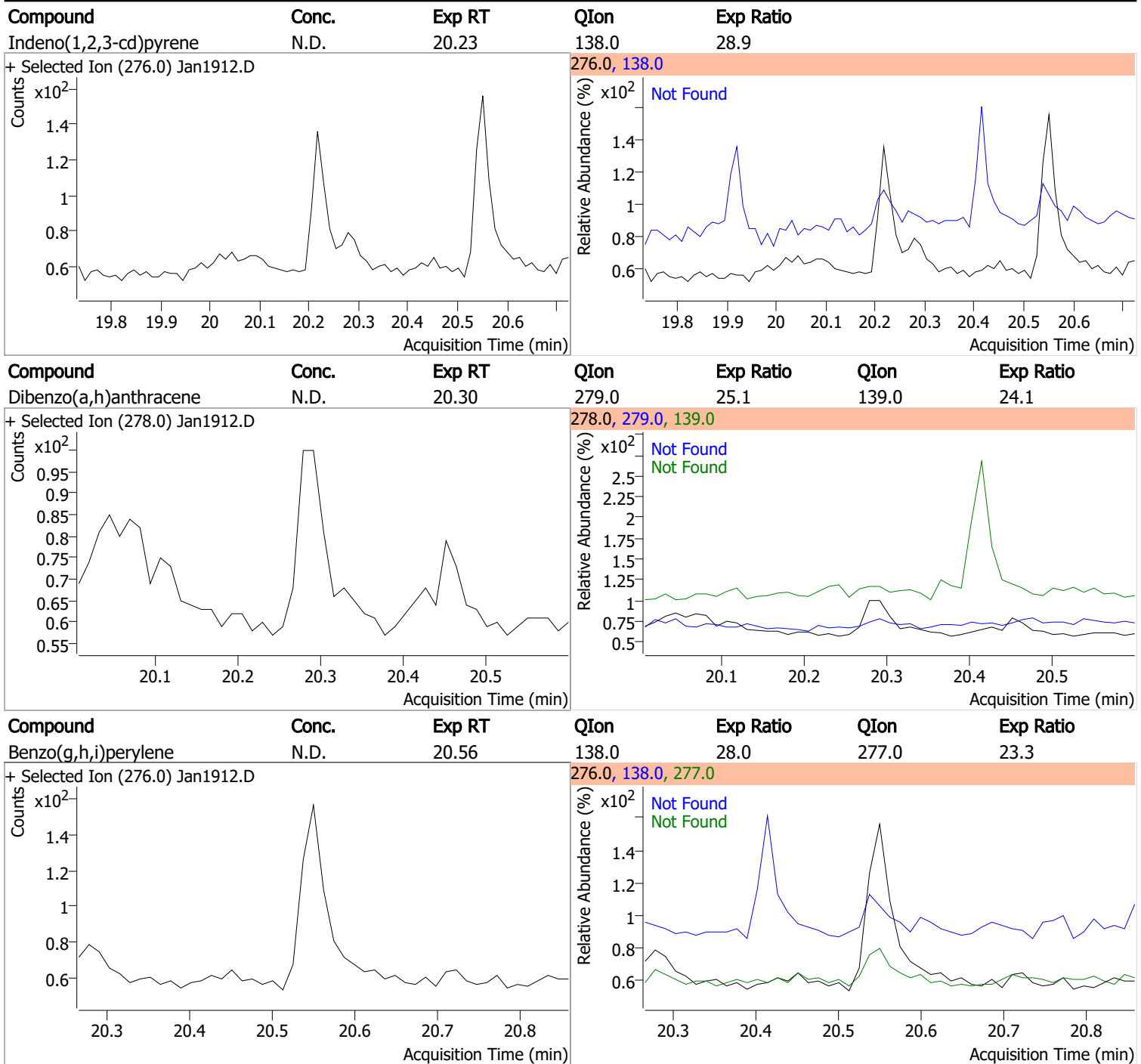
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	0.1646	18.47	0.10	1288	253.0	37.9	16.5	30.6



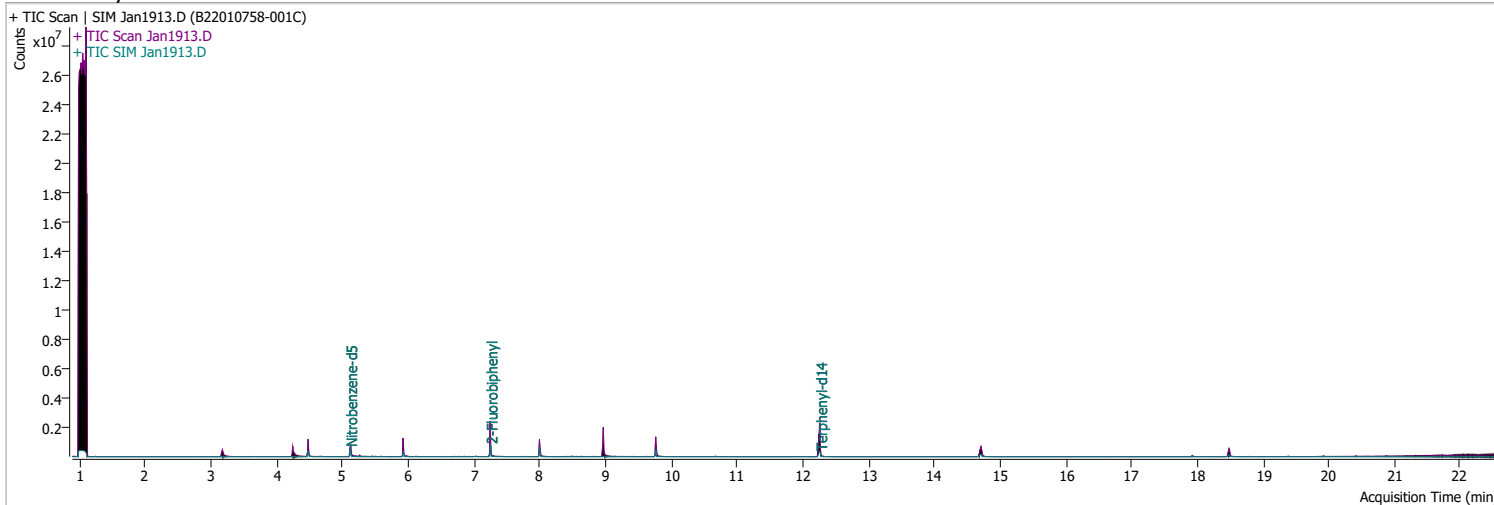
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	Jan1913.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/19/2022 5:07:16 PM
Sample Name	B22010758-001C	Instrument	GCMS
Vial	13	Multiplier	1.00
DA Method File	011822 bna SIM1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011922 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

M 1,4-Dichlorobenzene-d4	4.484	152.0	179002	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.928	136.0	336528	40.0000	ng/ml	-0.012
M Acenaphthene-d10	8.001	164.0	193955	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	391726	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	265667	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	179409	40.0000	ng/ml	-0.012

**System Monitoring Compounds**

S Nitrobenzene-d5	5.118	82.0	411786	40.2435	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 804.87%	*	
S 2-Fluorobiphenyl	7.252	172.0	602184	64.5928	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1291.86%	*	
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.263	244.0	547304	76.1320	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1522.64%	*	

**Target Compounds**

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)	QValue
T Naphthalene	5.978	128.0	0		ng/ml	md	1
T 2-Methylnaphthalene	7.027	141.0	0		ng/ml	md	1
T 1-Methylnaphthalene	7.027	141.0	0		ng/ml	md	1
T Acenaphthylene	0.000		0	N.D.			
T Acenaphthene	8.001	154.0	0		ng/ml	md	1
T Fluorene	8.973	166.0	0		ng/ml	md	1
T Phenanthrene	0.000		0	N.D.			
T Anthracene	0.000		0	N.D.			
T Fluoranthene	0.000		0	N.D.			
T Pyrene	0.000		0	N.D.			
T Benzo(a)Anthracene	14.702	228.0	0		ng/ml	md	1
T Chrysene	14.702	228.0	0		ng/ml	md	1
T Benzo(b)fluoranthene	0.000		0	N.D.			

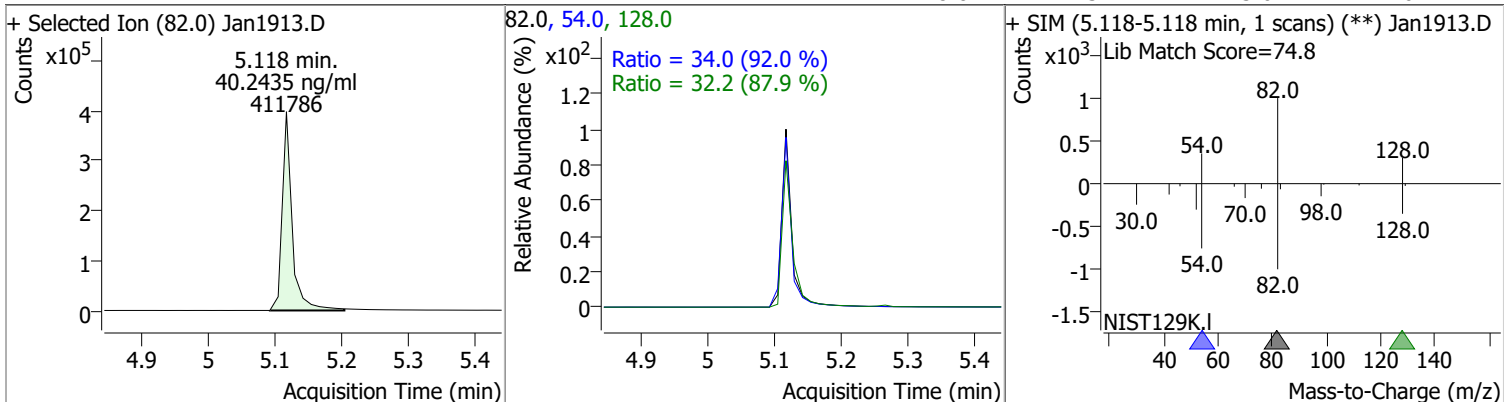
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.475	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

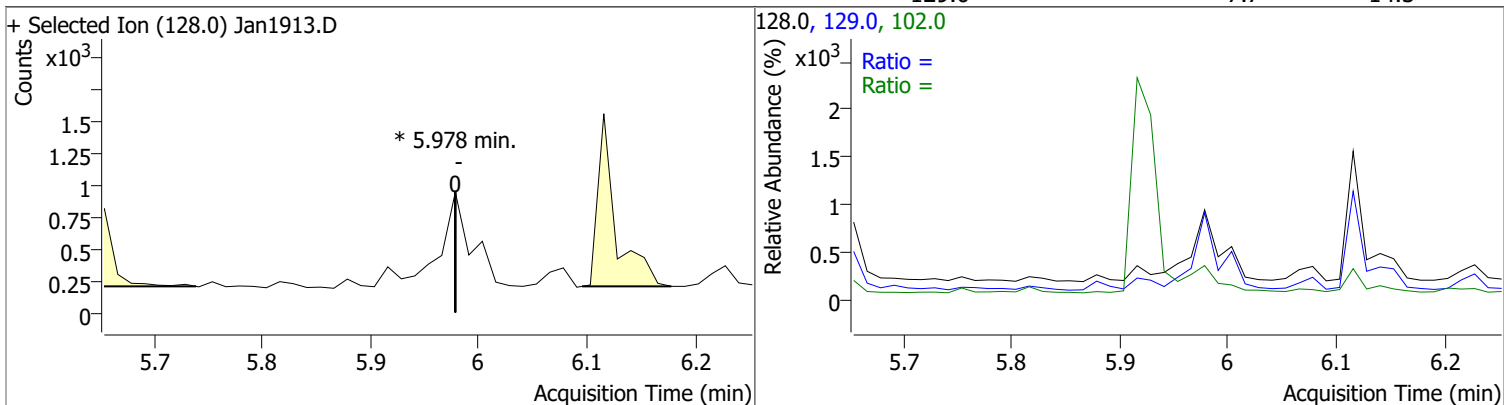
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

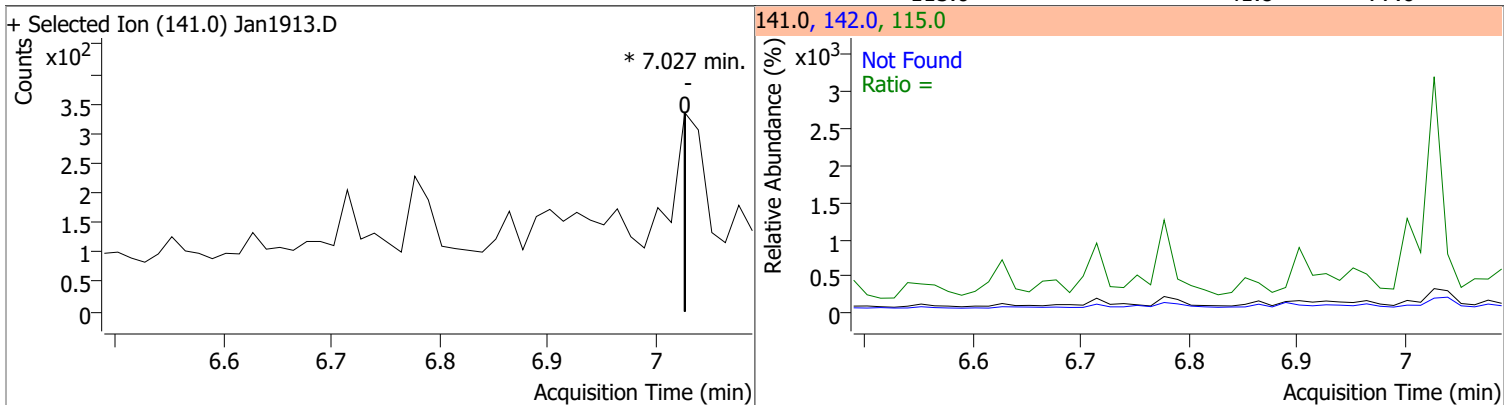
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	40.2435	5.12	-0.02	411786	54.0	34.0	25.9	48.1
					128.0	32.2	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene		0		0	102.0		0.0	59.6
					129.0		7.7	14.3

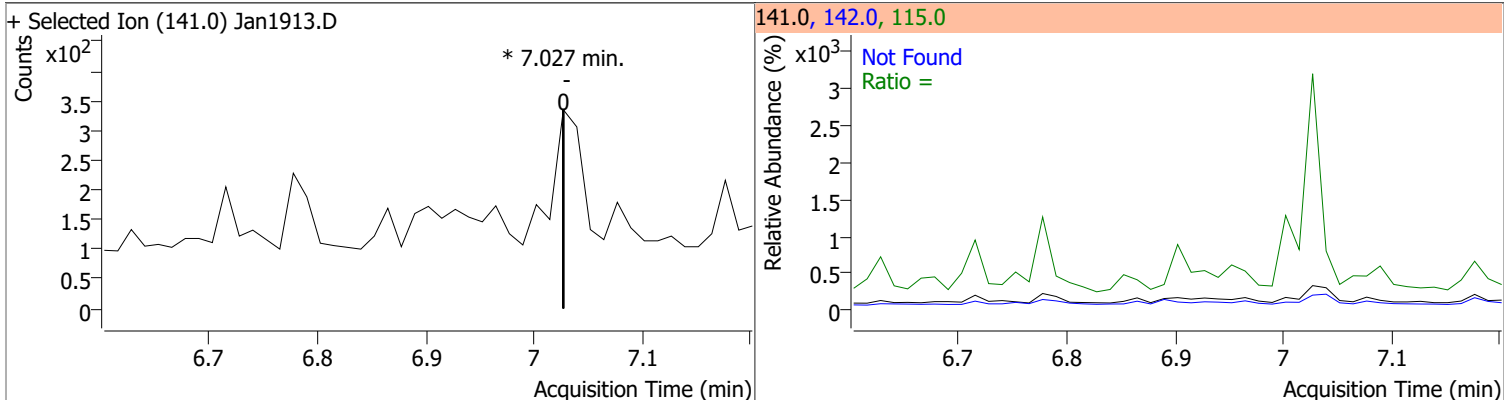


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene		0		0	142.0		98.5	183.0
					115.0		41.8	77.6

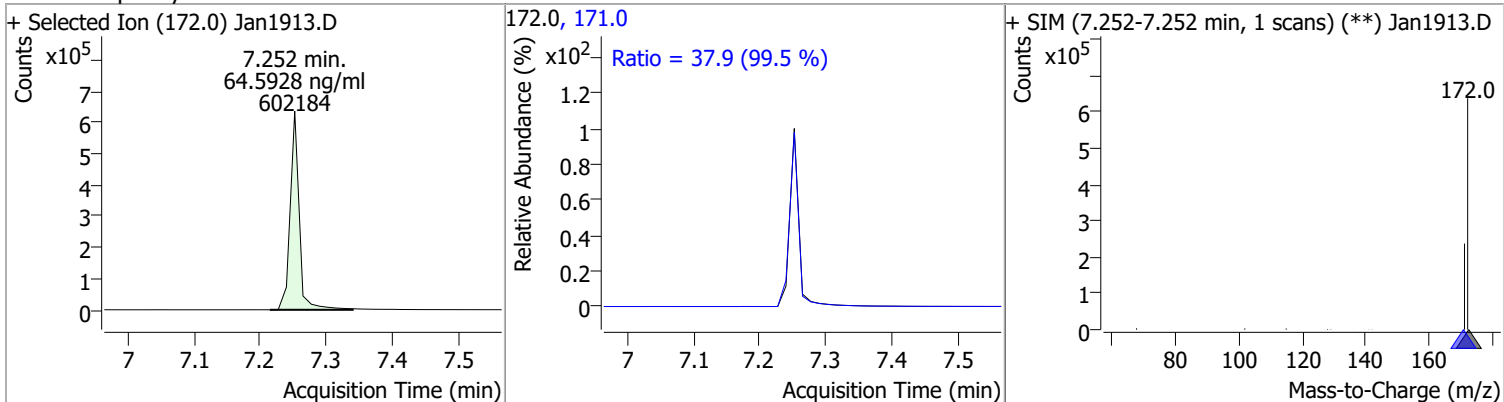


# Quantitation Results Report (QT Reviewed)

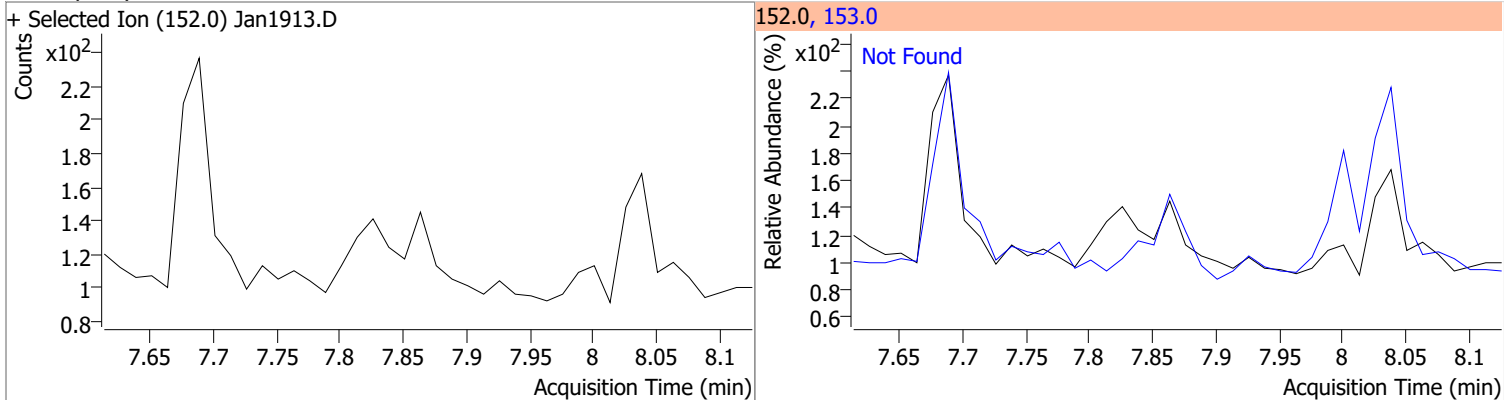
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene		0		0	142.0 115.0		79.2 47.5	147.1 88.2



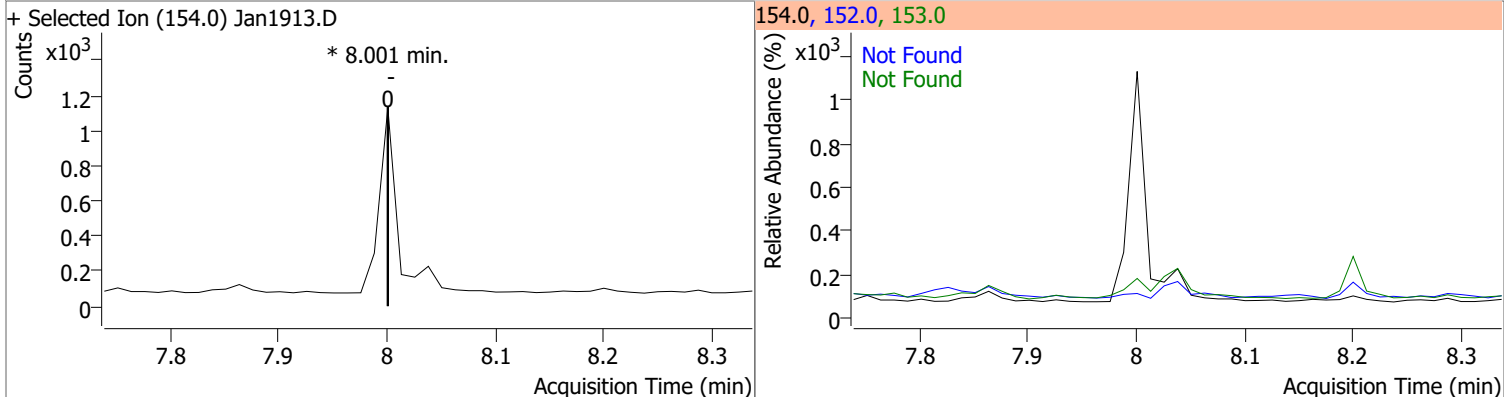
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	64.5928	7.25	-0.01	602184	171.0	37.9	26.6	49.5



Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8

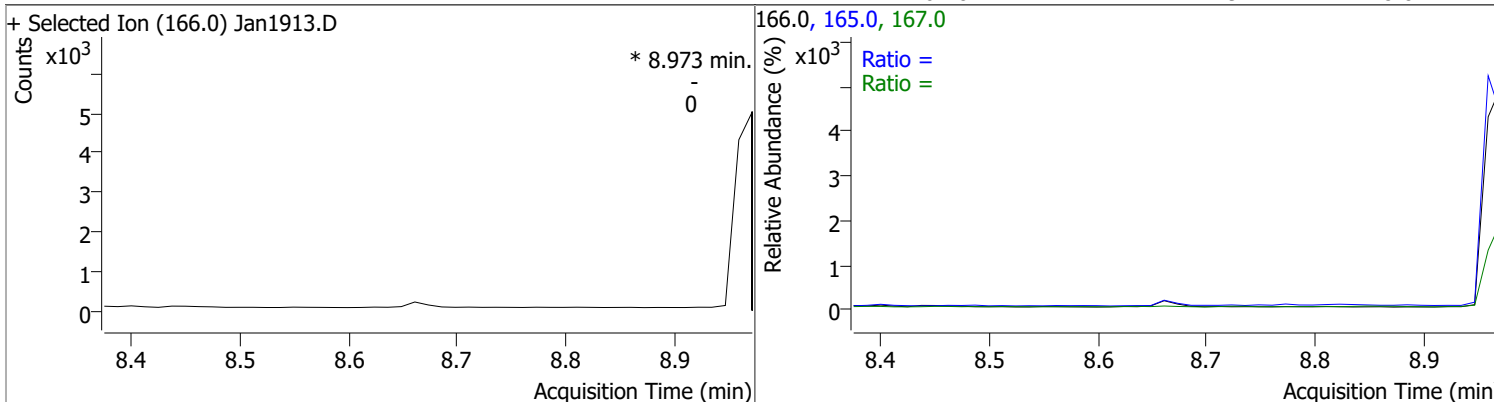


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0 152.0		82.1 41.0	152.6 76.1

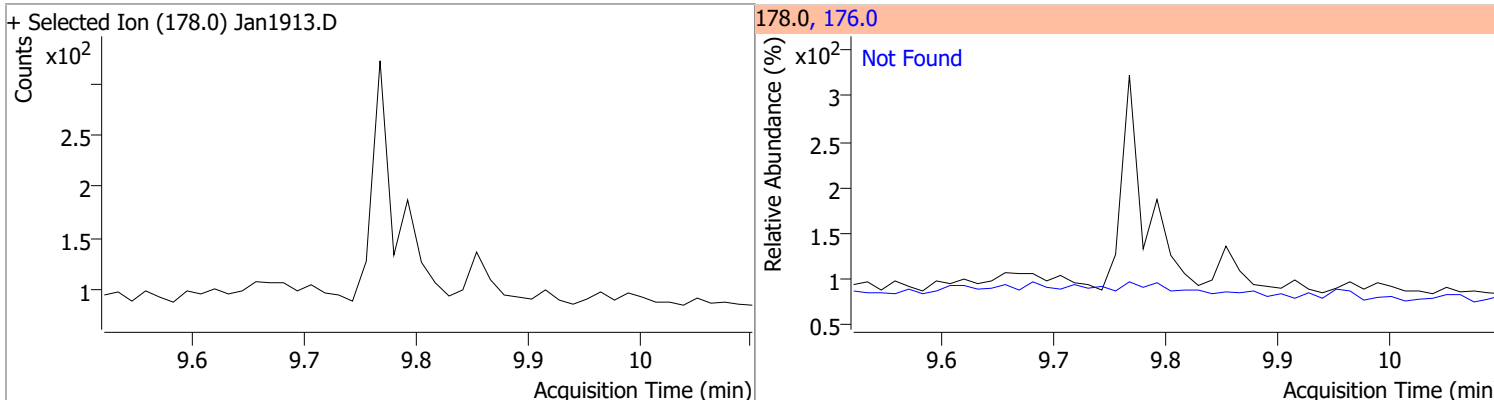


# Quantitation Results Report (QT Reviewed)

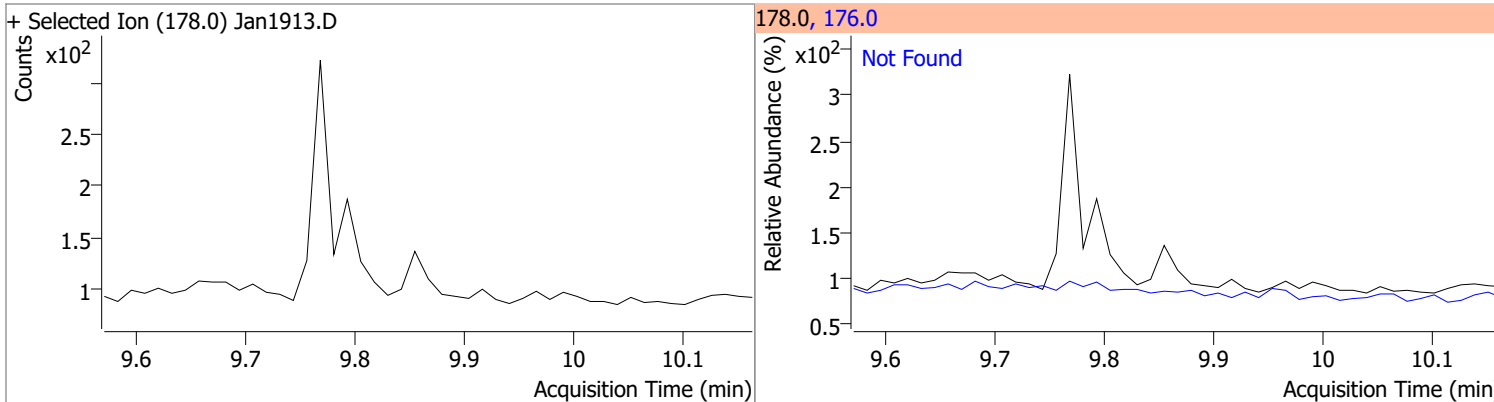
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	0	0		0	165.0 167.0		69.1 9.7	128.3 18.0



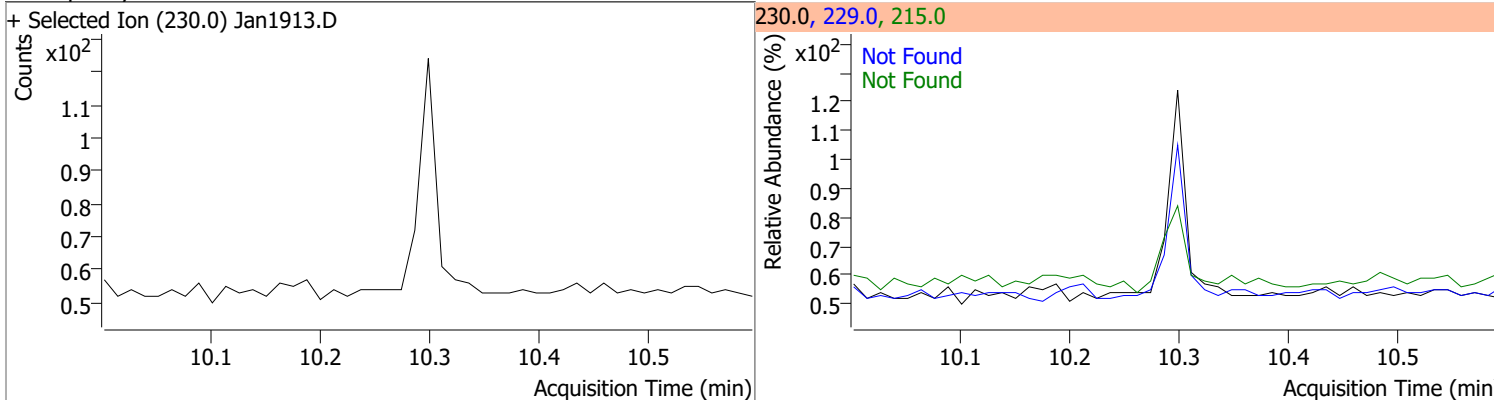
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.87	176.0	18.1

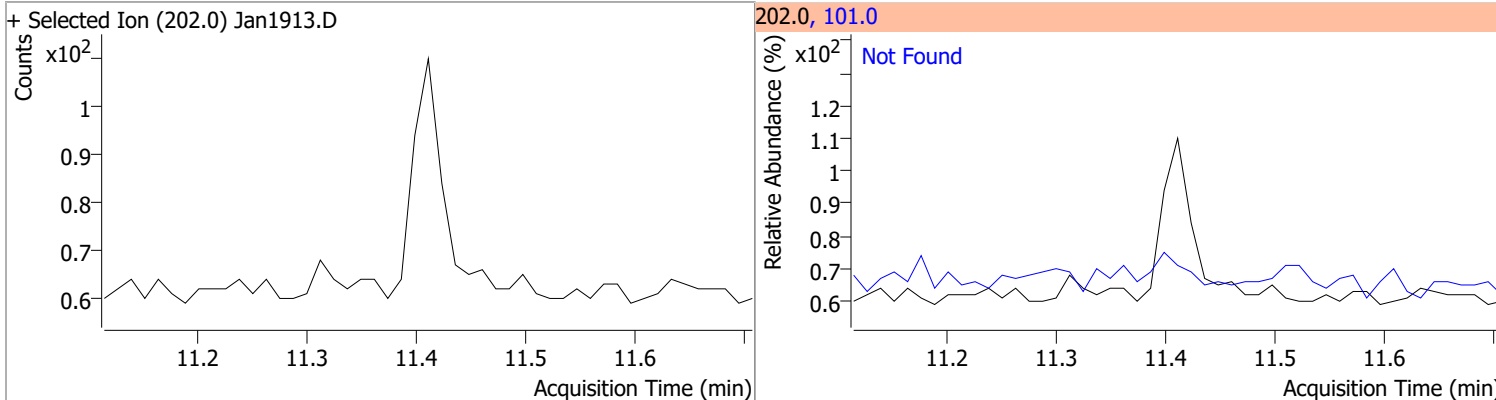


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	70.2	215.0	46.7

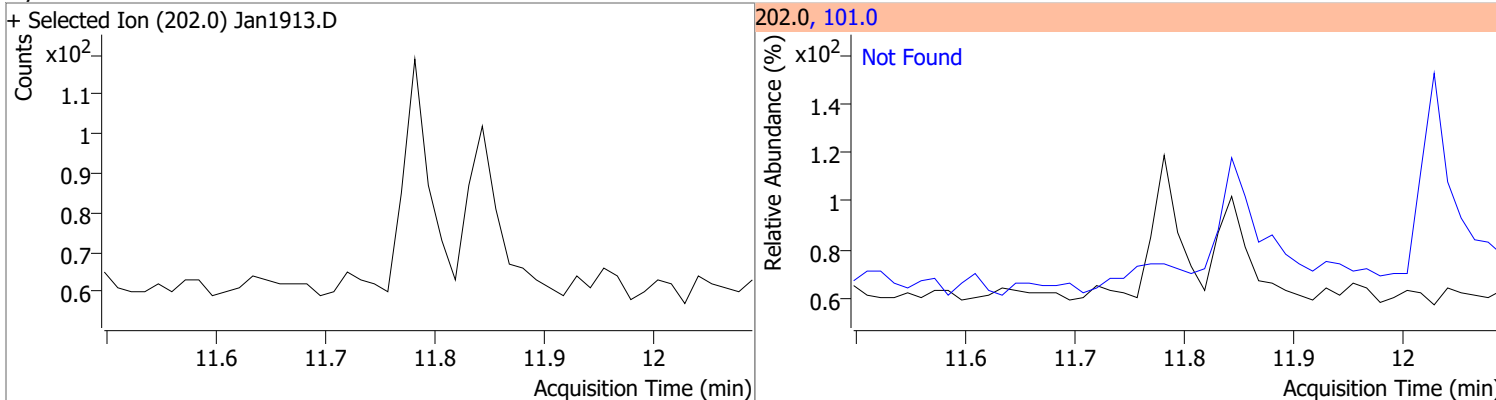


# Quantitation Results Report (QT Reviewed)

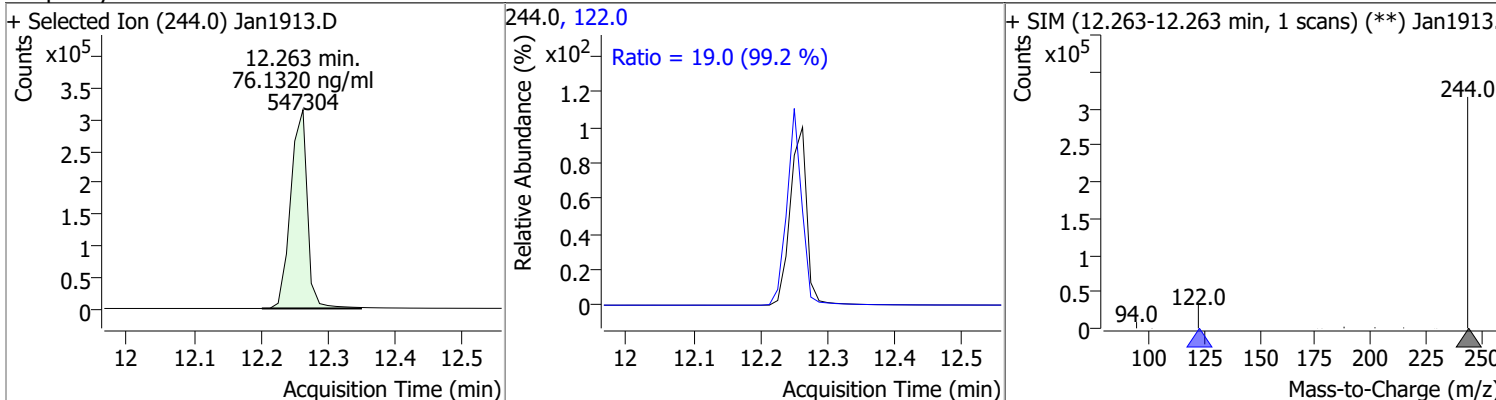
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8



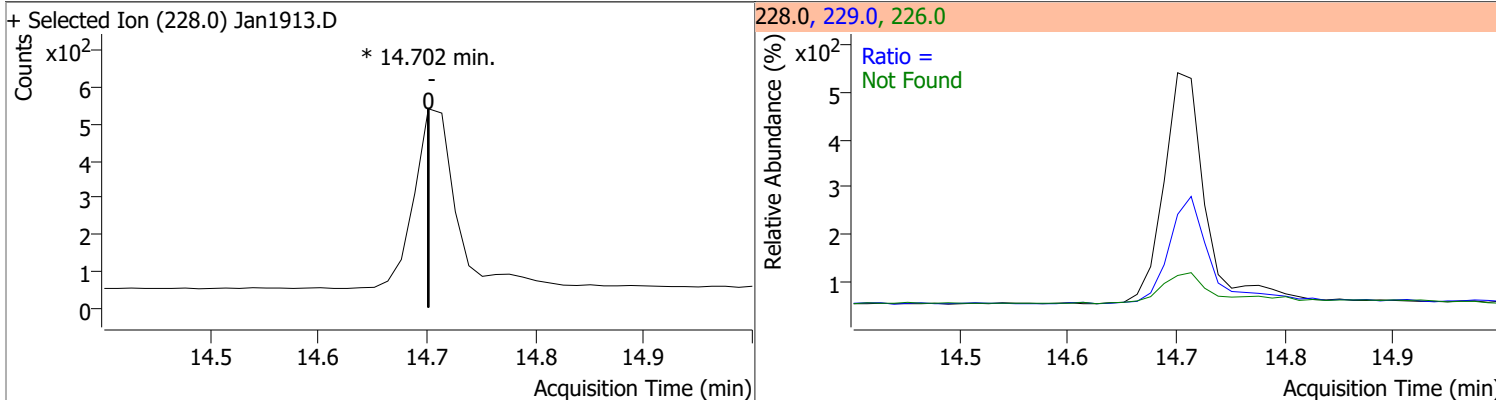
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.79	101.0	15.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	76.1320	12.26	0.00	547304	122.0	19.0	13.4	25.0



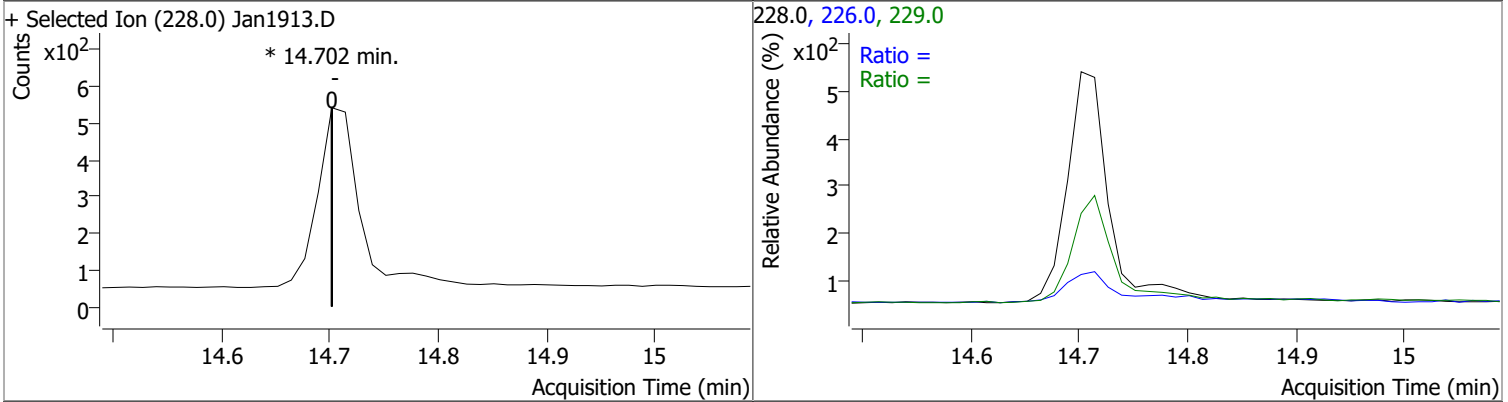
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene		0		0	226.0		18.9	35.1
					229.0		16.1	29.9



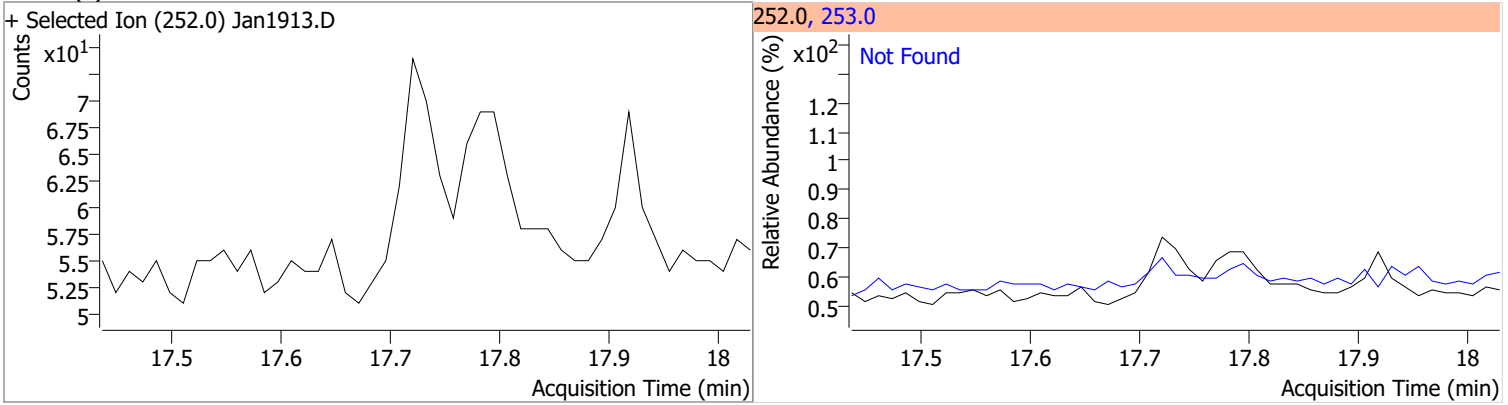


# Quantitation Results Report (QT Reviewed)

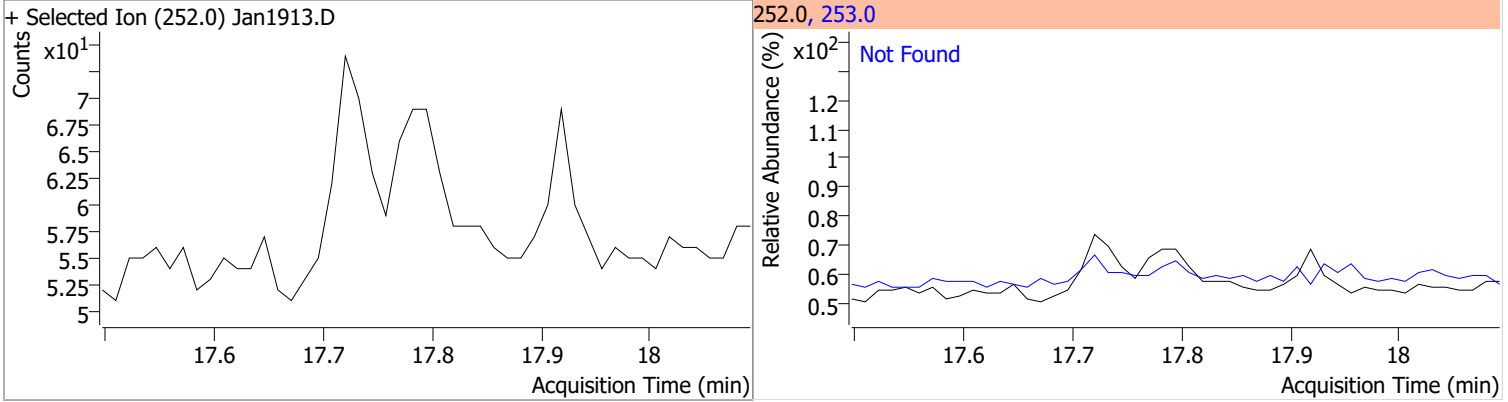
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0	0		0	226.0		21.2	39.4
					229.0		15.0	27.8



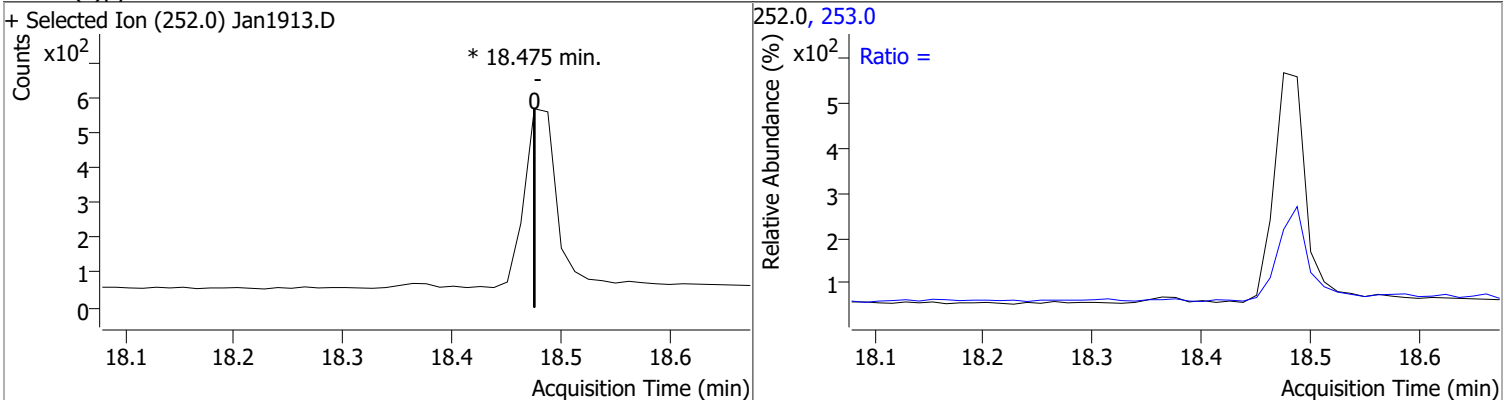
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



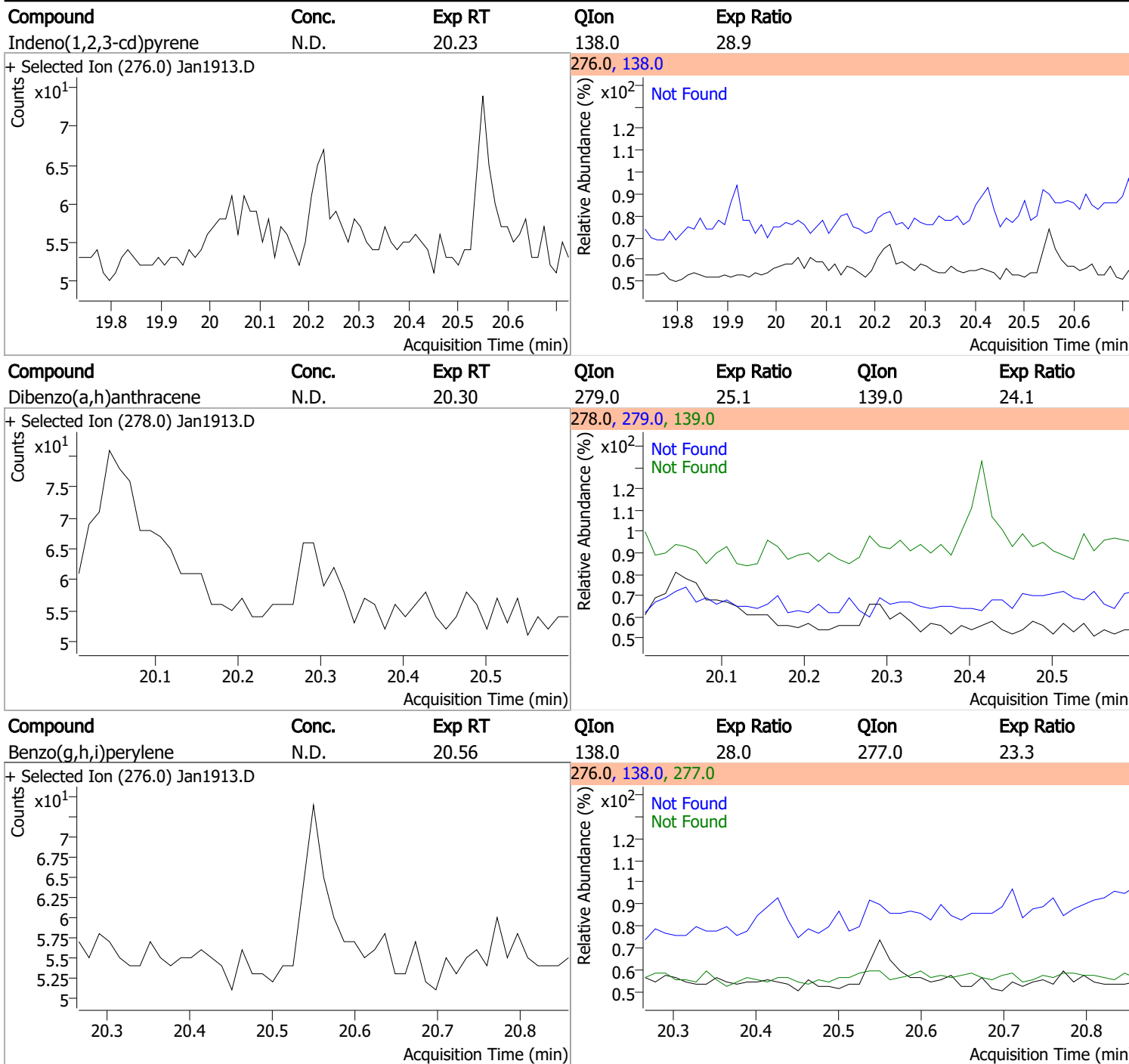
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	0	0		0	253.0		16.5	30.6



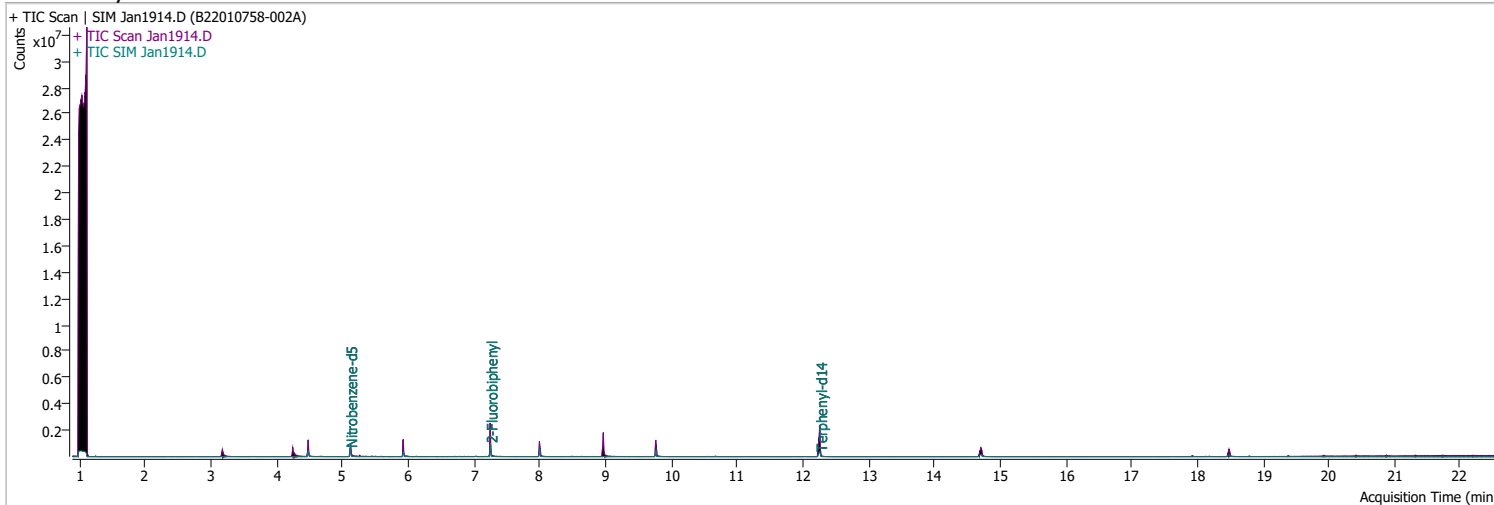
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	Jan1914.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/19/2022 5:39:42 PM
Sample Name	B22010758-002A	Instrument	GCMS
Vial	14	Multiplier	1.00
DA Method File	011822 bna SIM1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011922 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)	
<b>Internal Standards</b>							
M 1,4-Dichlorobenzene-d4	4.484	152.0	186861	40.0000	ng/ml	-0.012	
M Naphthalene-d8	5.928	136.0	346270	40.0000	ng/ml	-0.013	
M Acenaphthene-d10	8.000	164.0	195555	40.0000	ng/ml	0.000	
M Phenanthrene-d10	9.768	188.0	399163	40.0000	ng/ml	-0.012	
M Chrysene-d12	14.714	240.0	276490	40.0000	ng/ml	-0.012	
M Perylene-d12	18.487	264.0	185378	40.0000	ng/ml	-0.012	
<b>System Monitoring Compounds</b>							
S Nitrobenzene-d5	5.118	82.0	412725	39.2899	ng/ml	-0.025	
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 785.80%	*		
S 2-Fluorobiphenyl	7.252	172.0	665964	70.8495	ng/ml	-0.013	
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1416.99%	*		
S o-Terphenyl	0.000		0	N.D.			
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%			
S Terphenyl-d14	12.263	244.0	543732	73.5277	ng/ml	0.000	
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1470.55%	*		
<b>Target Compounds</b>							
T Naphthalene	5.978	128.0	0		ng/ml	md	1
T 2-Methylnaphthalene	0.000		0	N.D.			
T 1-Methylnaphthalene	0.000		0	N.D.			
T Acenaphthylene	0.000		0	N.D.			
T Acenaphthene	8.038	154.0	0		ng/ml	md	1
T Fluorene	8.960	166.0	0		ng/ml	md	1
T Phenanthrene	0.000		0	N.D.			
T Anthracene	0.000		0	N.D.			
T Fluoranthene	0.000		0	N.D.			
T Pyrene	0.000		0	N.D.			
T Benzo(a)Anthracene	14.714	228.0	0		ng/ml	md	1
T Chrysene	14.714	228.0	0		ng/ml	md	1
T Benzo(b)fluoranthene	0.000		0	N.D.			

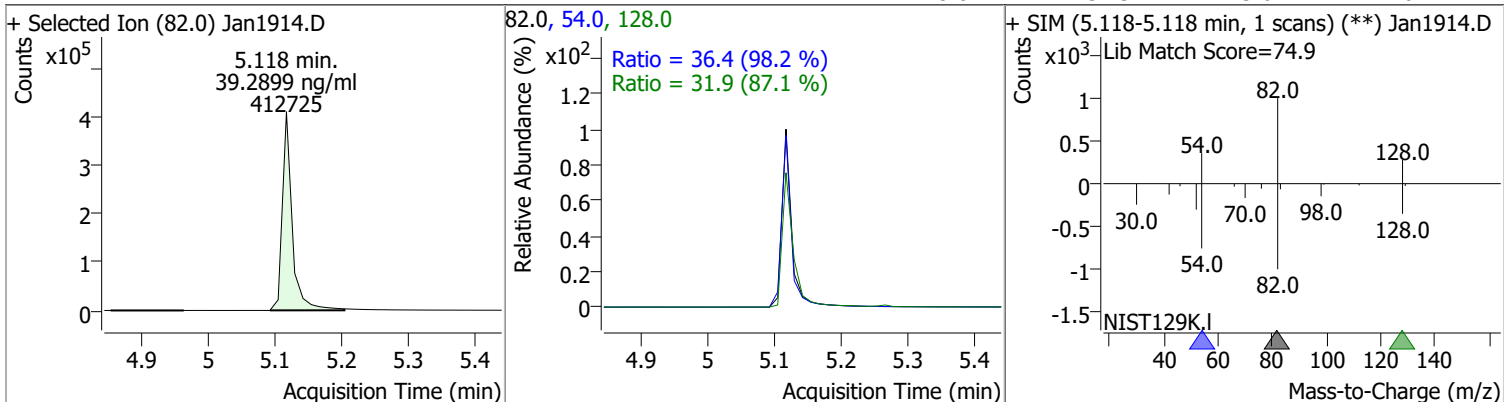
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.487	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

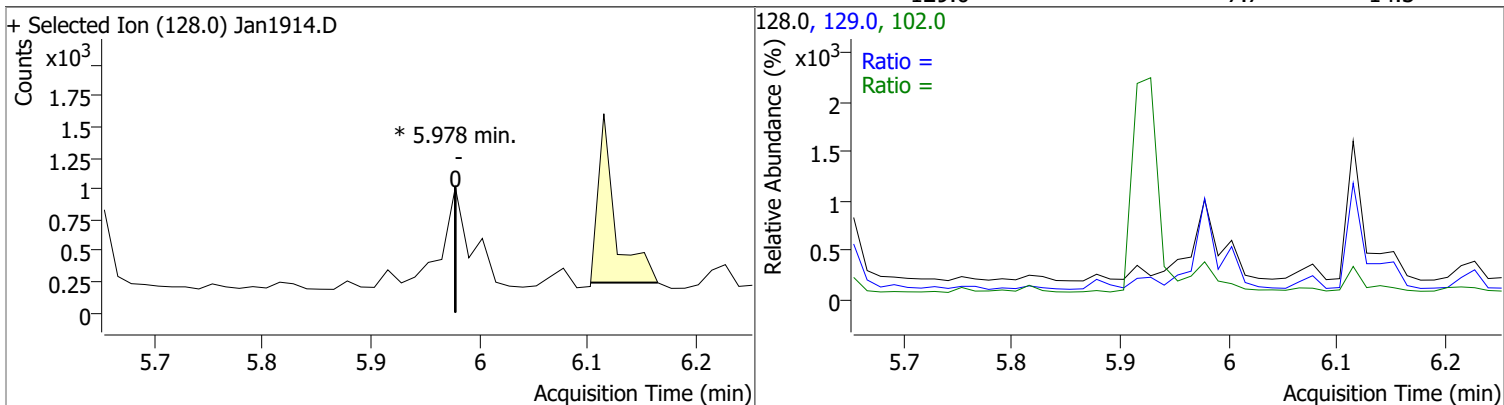
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

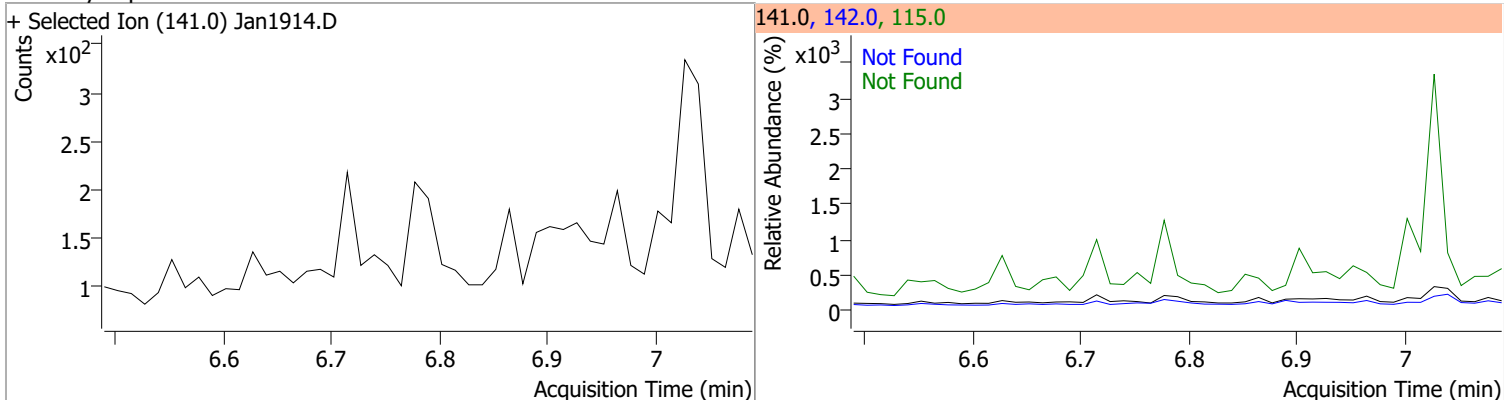
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	39.2899	5.12	-0.02	412725	54.0	36.4	25.9	48.1
					128.0	31.9	25.6	47.6



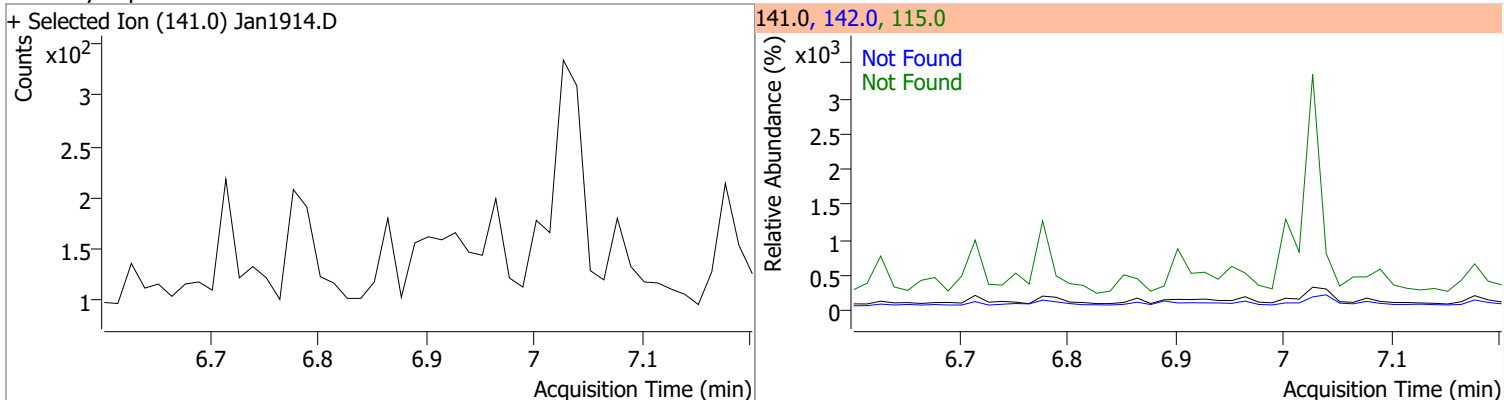
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene		0		0	102.0		0.0	59.6
					129.0		7.7	14.3



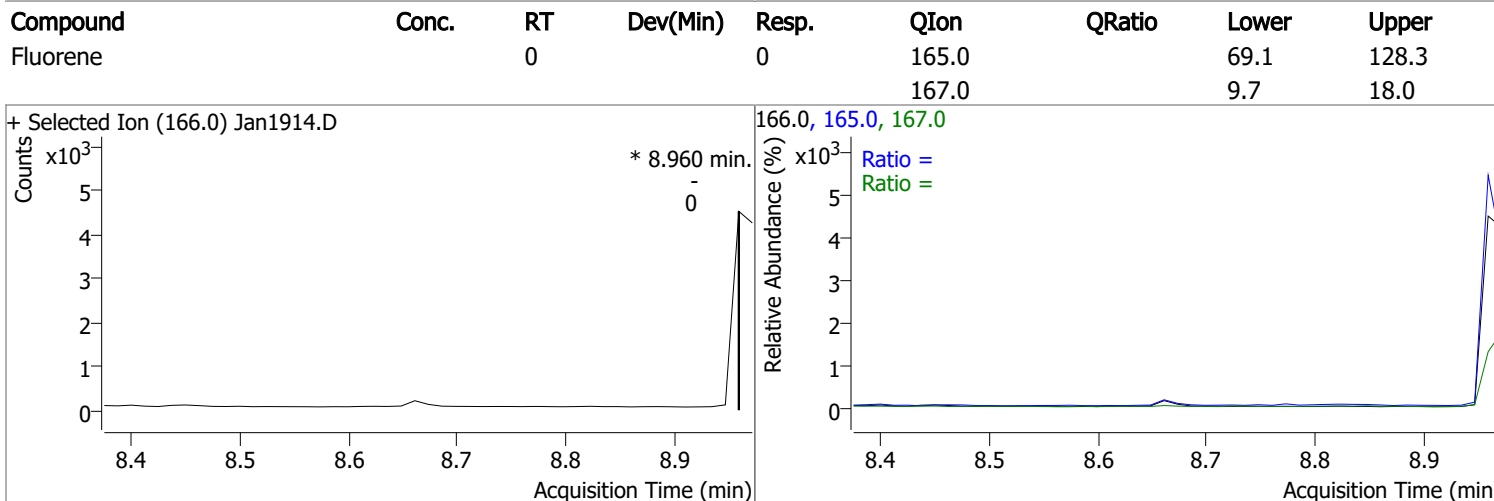
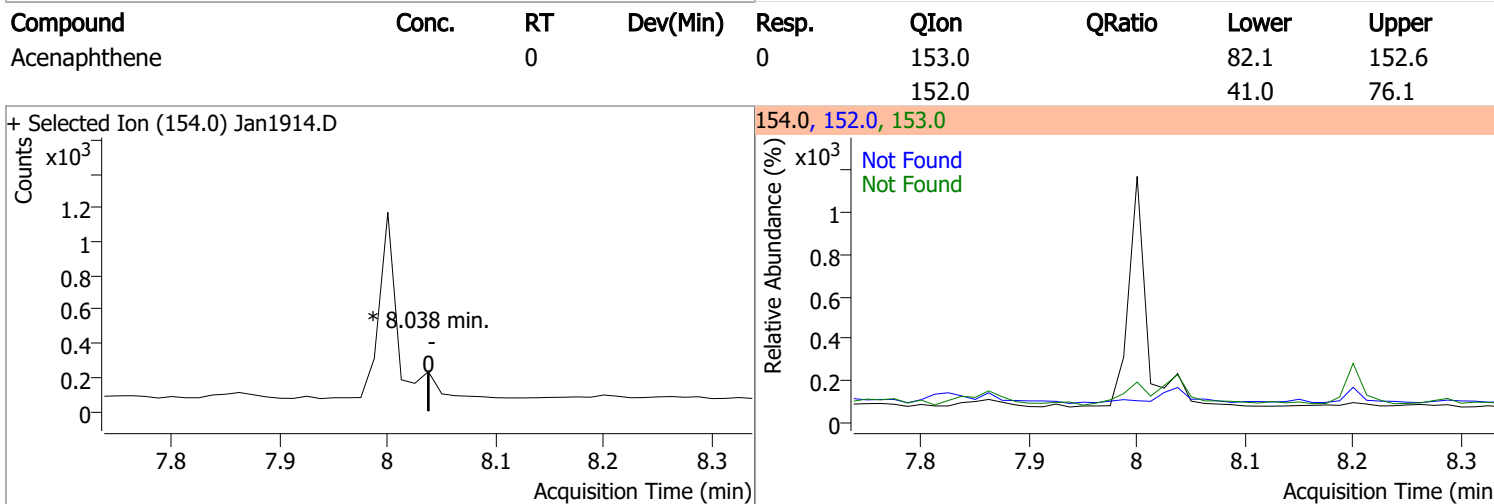
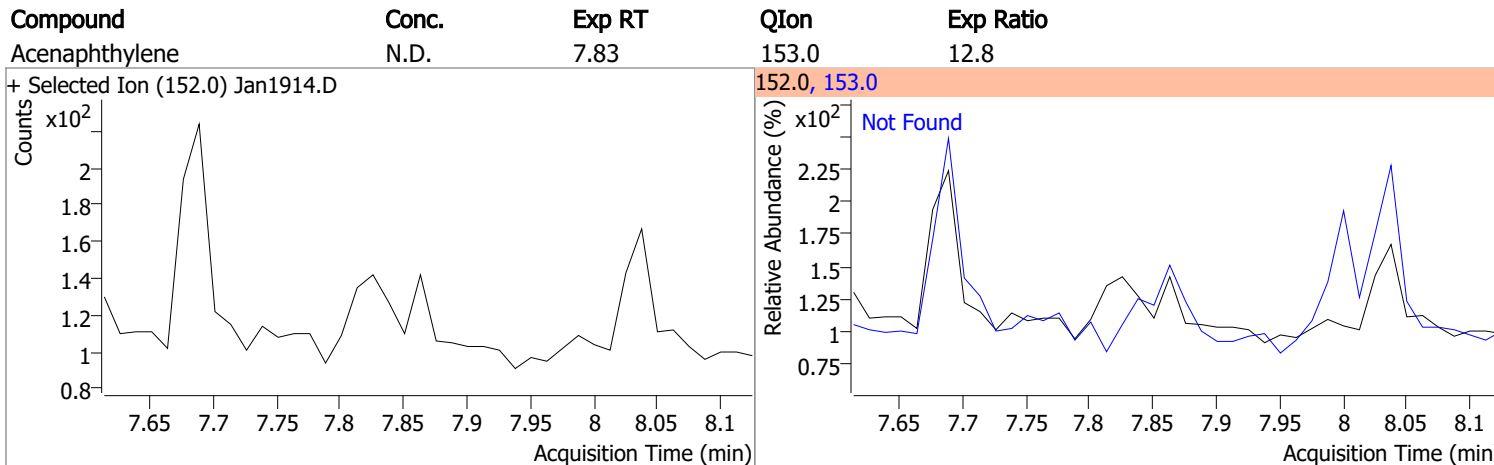
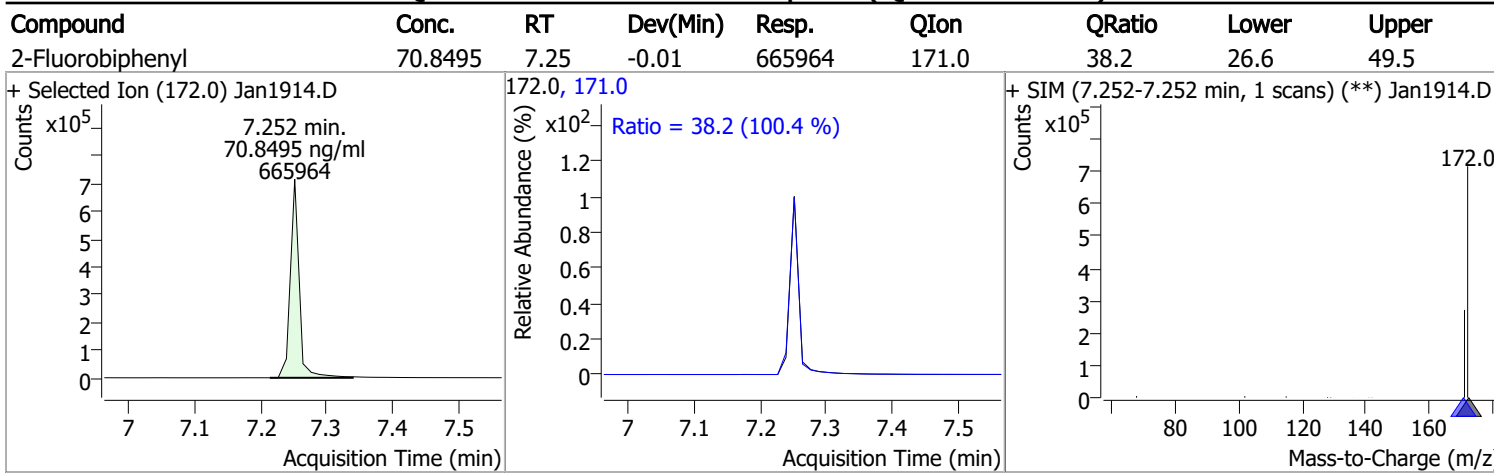
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



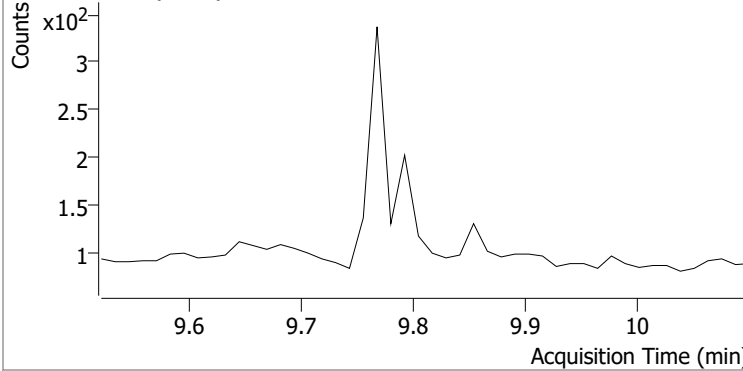
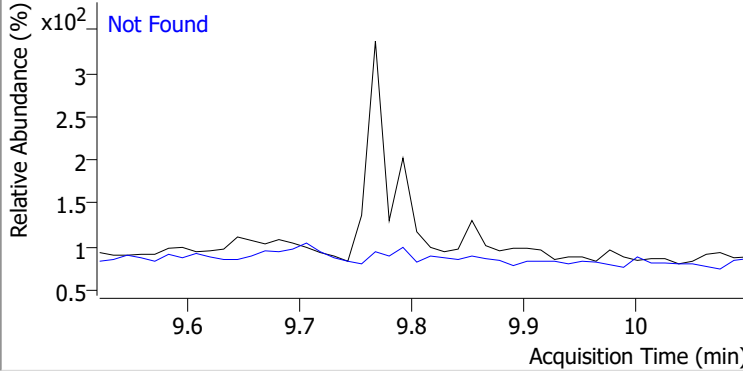
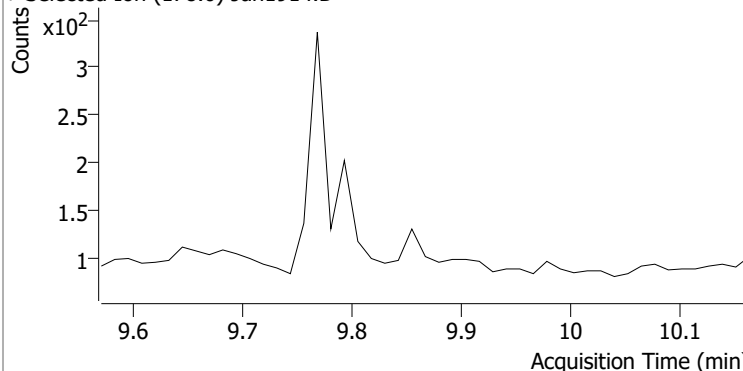
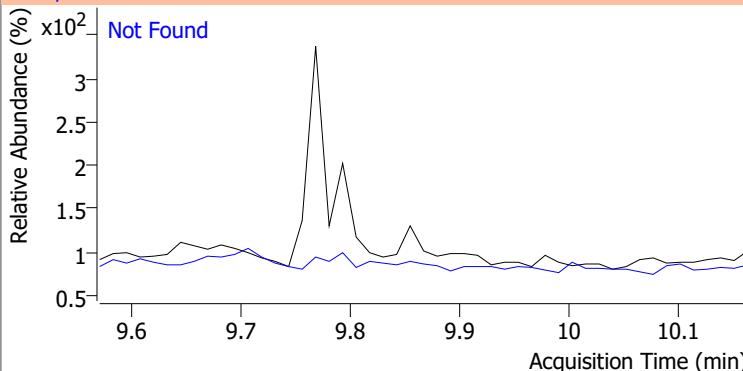
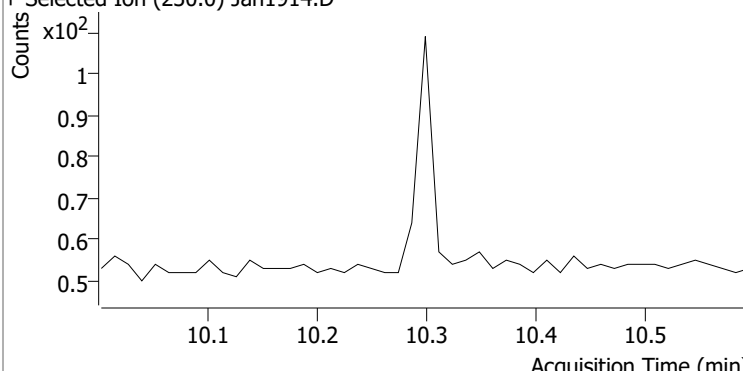
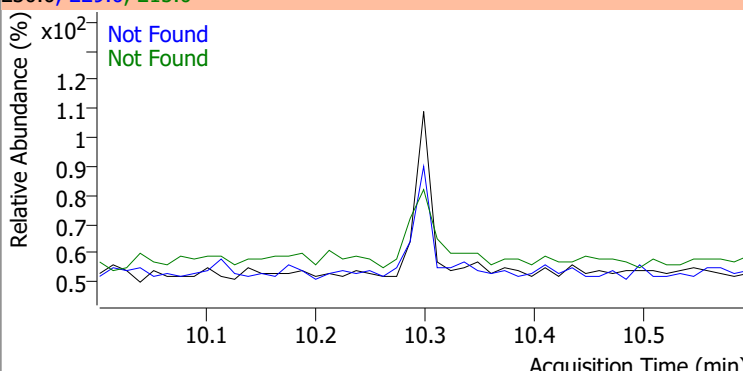
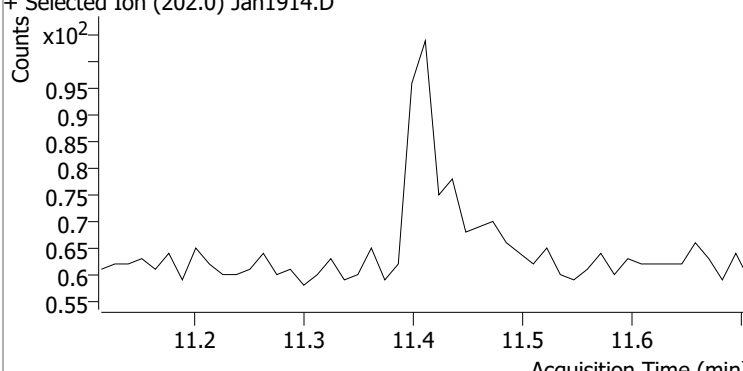
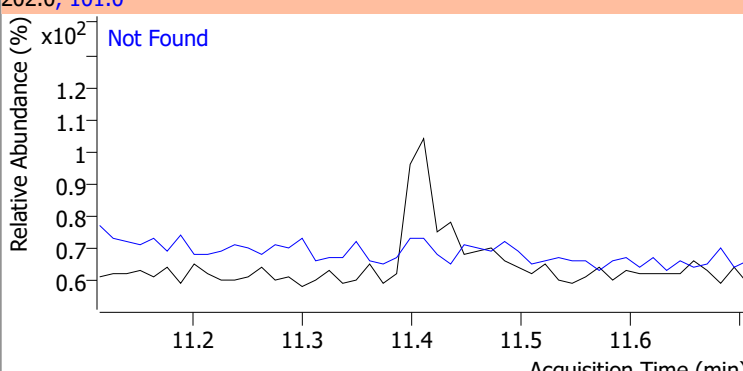
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8



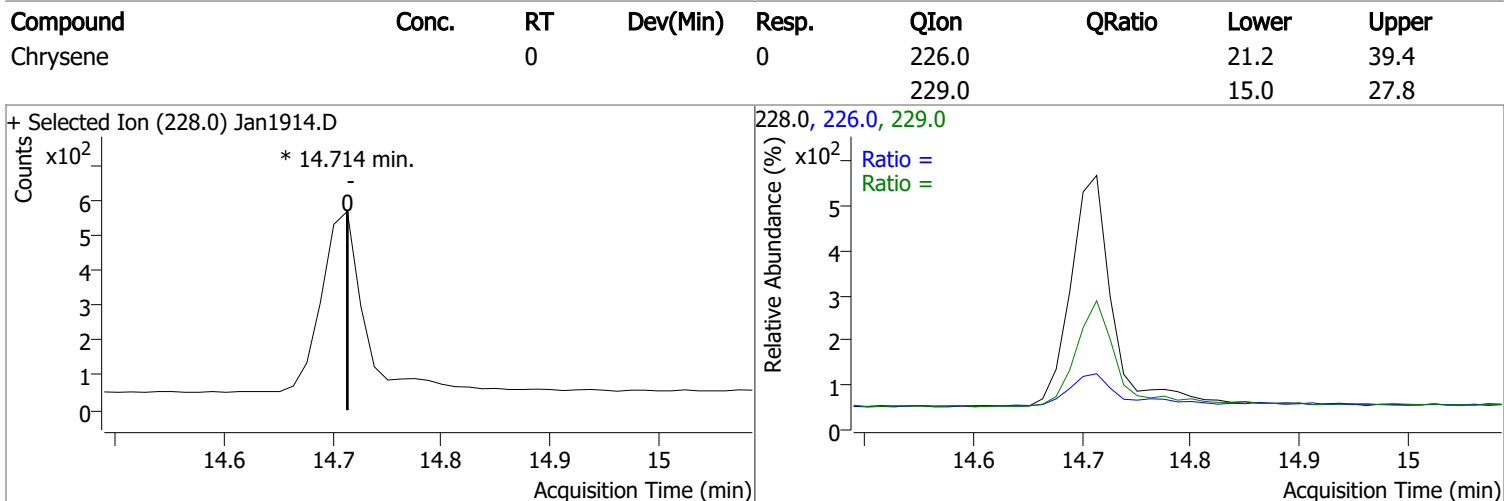
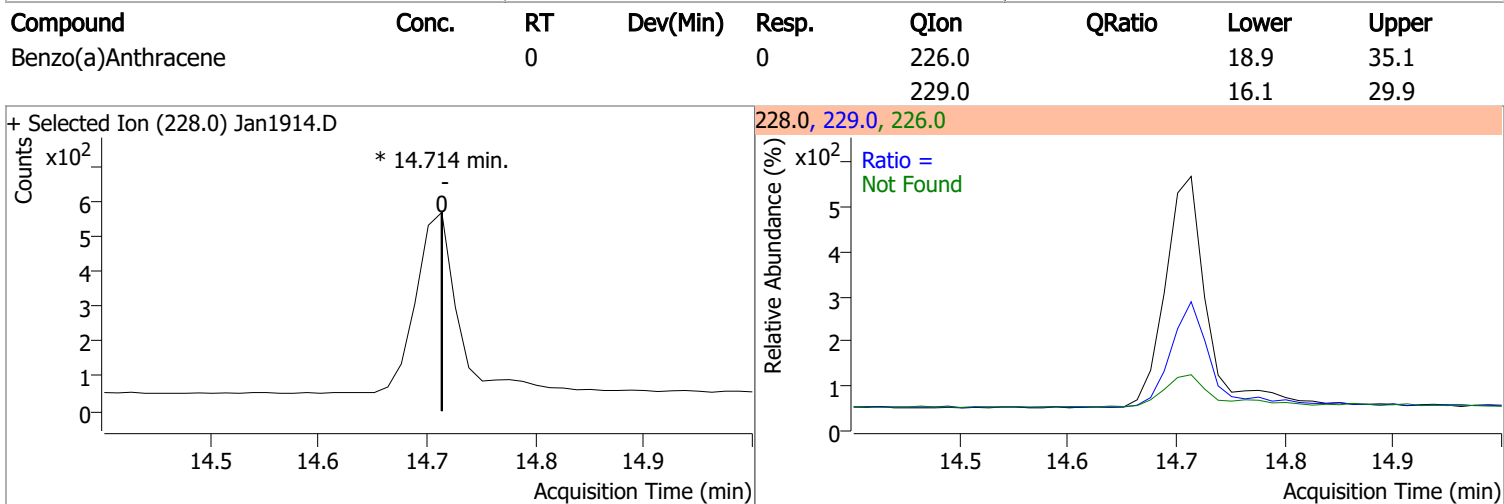
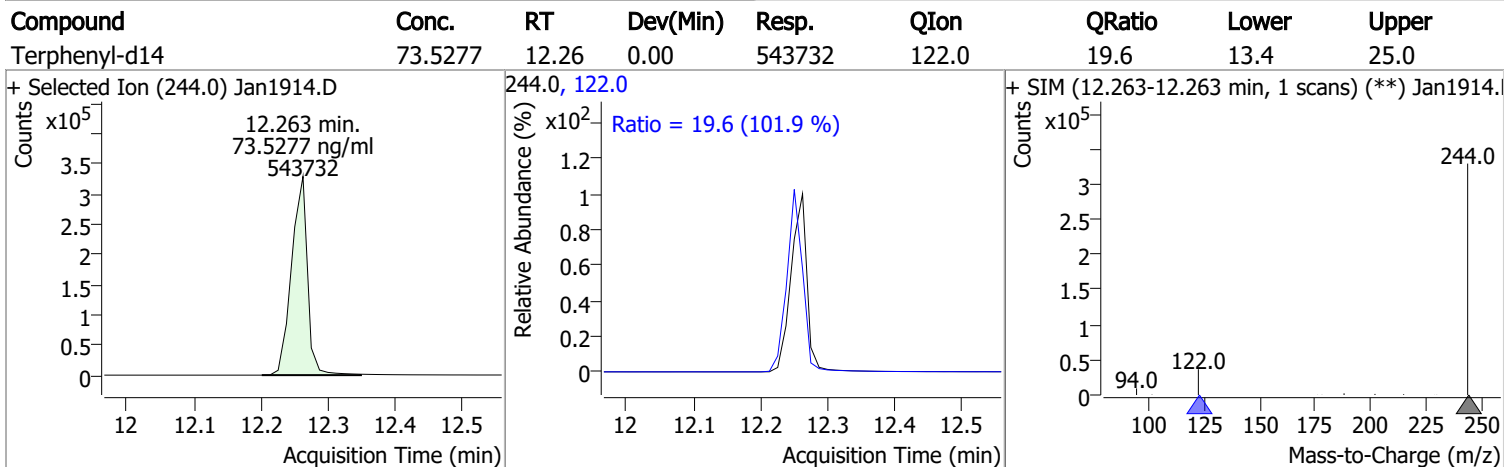
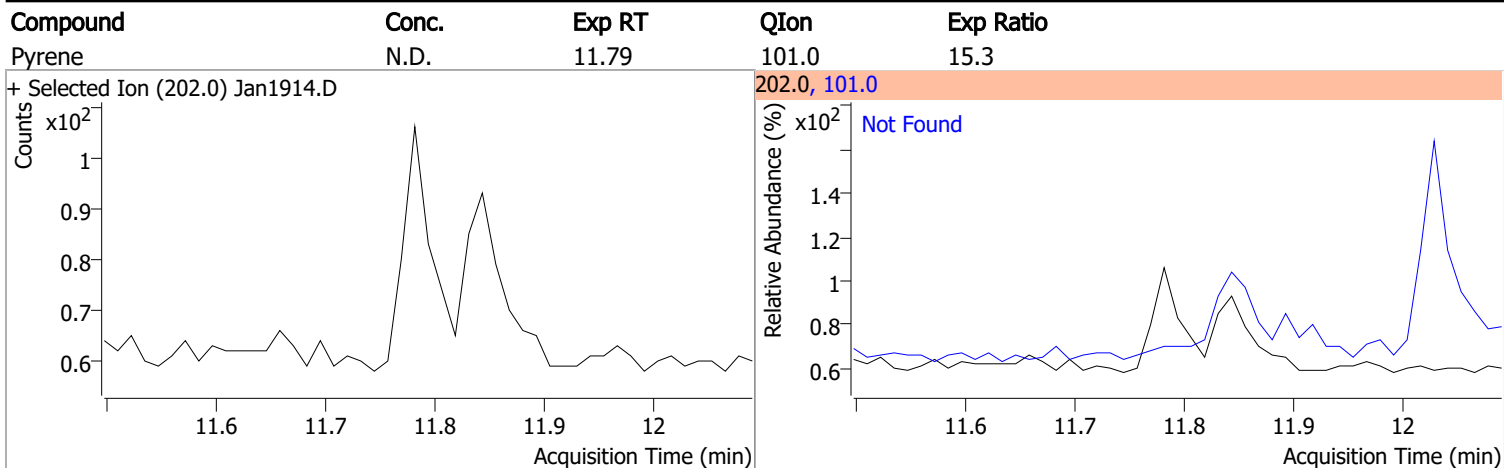
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio		
Phenanthrene	N.D.	9.80	176.0	15.5		
+ Selected Ion (178.0) Jan1914.D			178.0, 176.0			
						
Anthracene	N.D.	9.87	176.0	18.1		
+ Selected Ion (178.0) Jan1914.D			178.0, 176.0			
						
o-Terphenyl	N.D.	10.30	229.0	70.2	QIon	Exp Ratio
+ Selected Ion (230.0) Jan1914.D			230.0, 229.0, 215.0			
						
Fluoranthene	N.D.	11.41	101.0	13.8		
+ Selected Ion (202.0) Jan1914.D			202.0, 101.0			
						

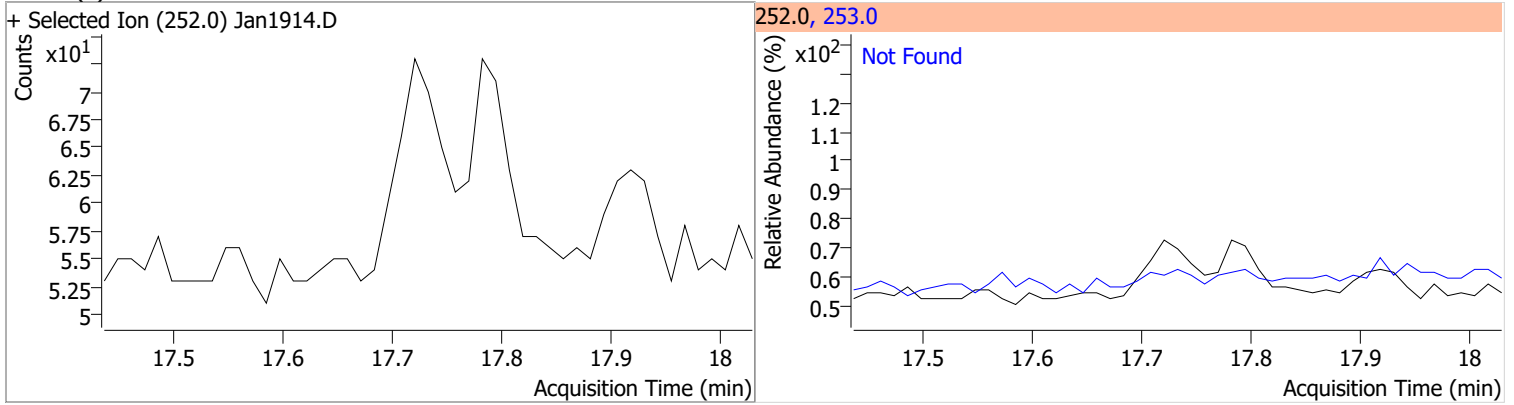
# Quantitation Results Report (QT Reviewed)



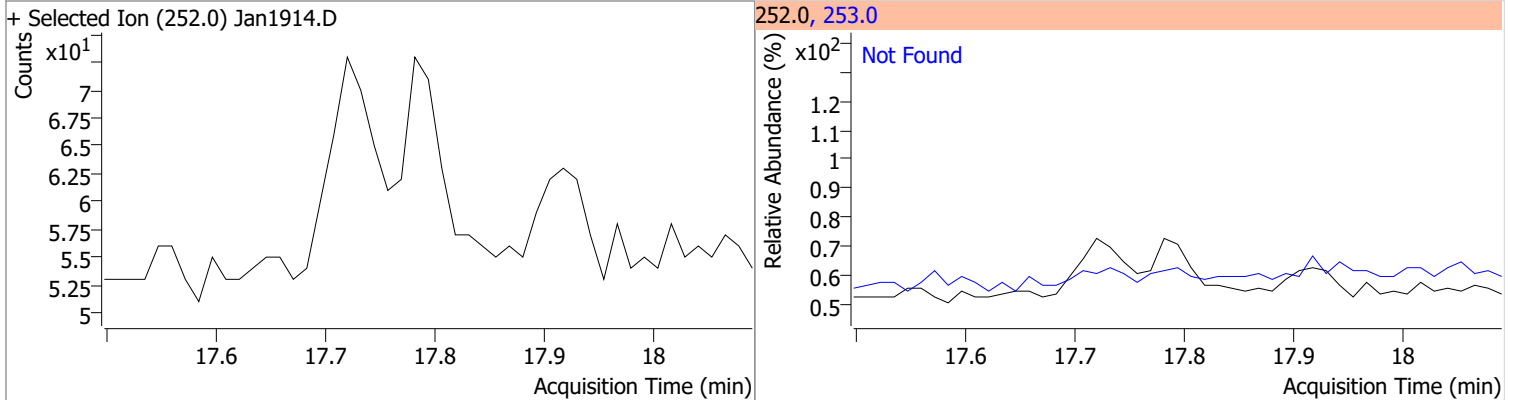


# Quantitation Results Report (QT Reviewed)

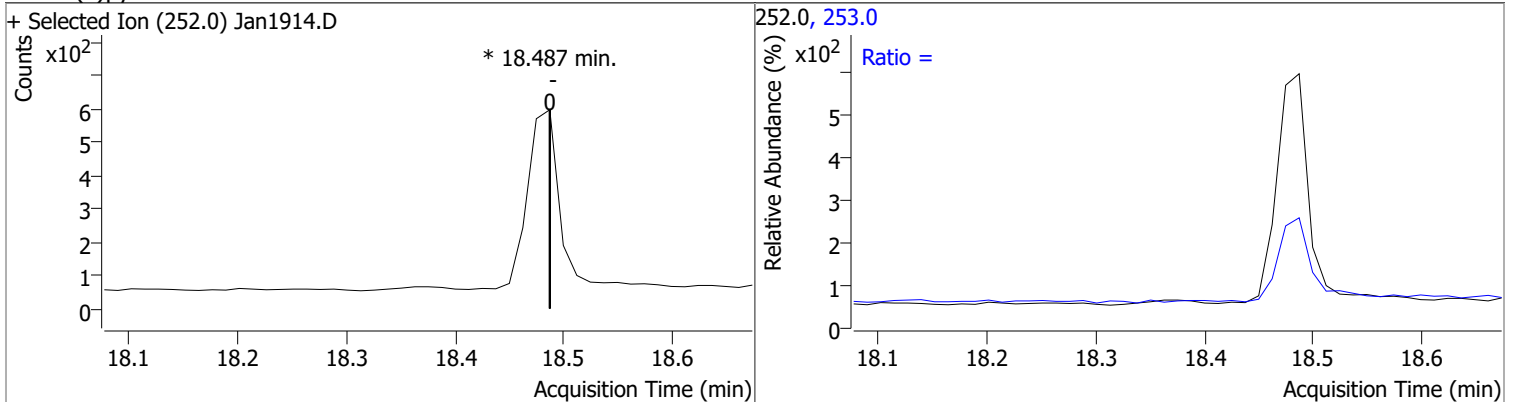
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



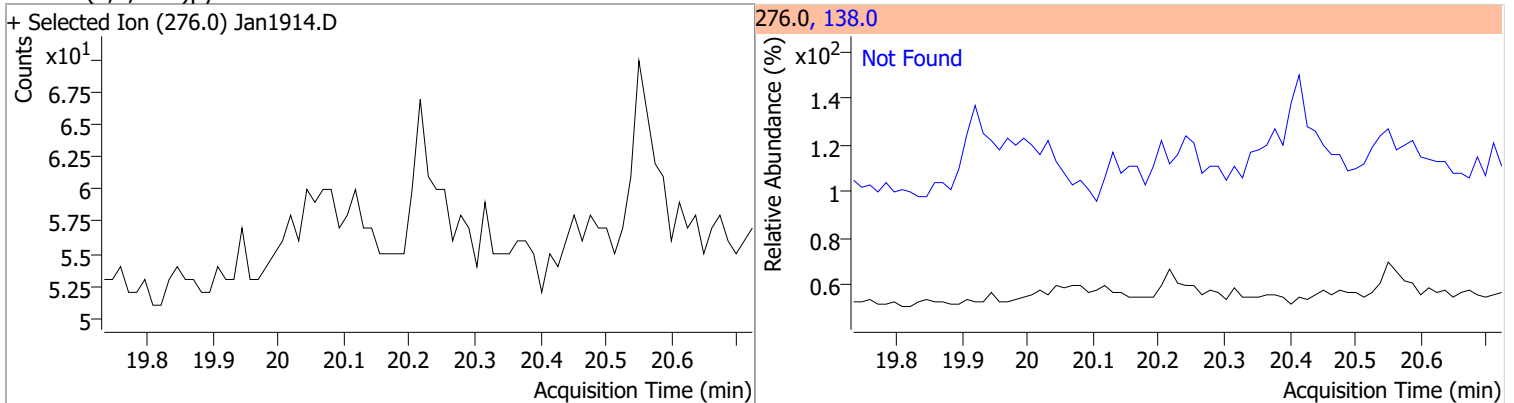
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6

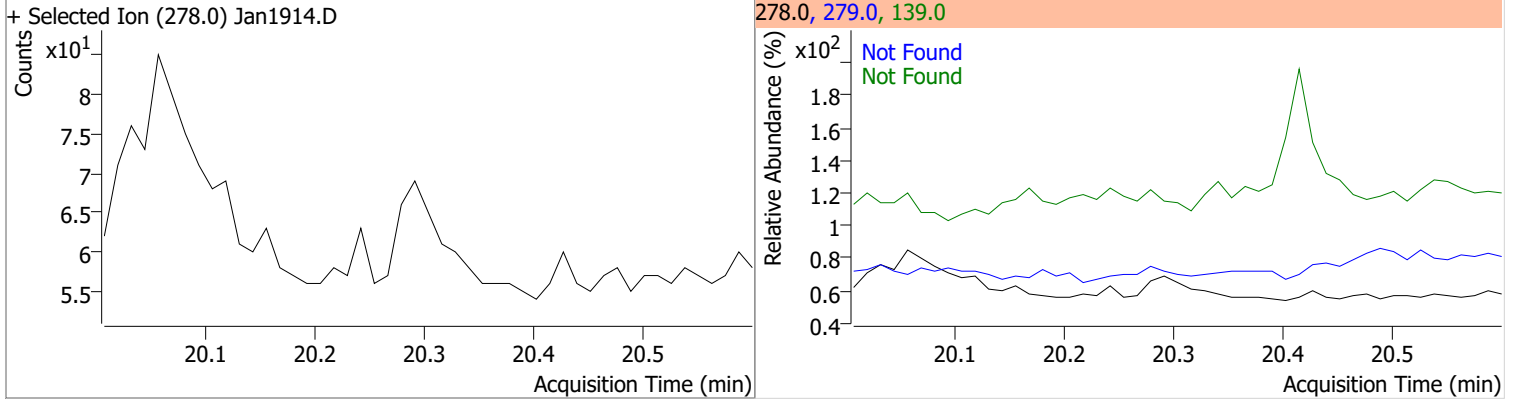


Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9

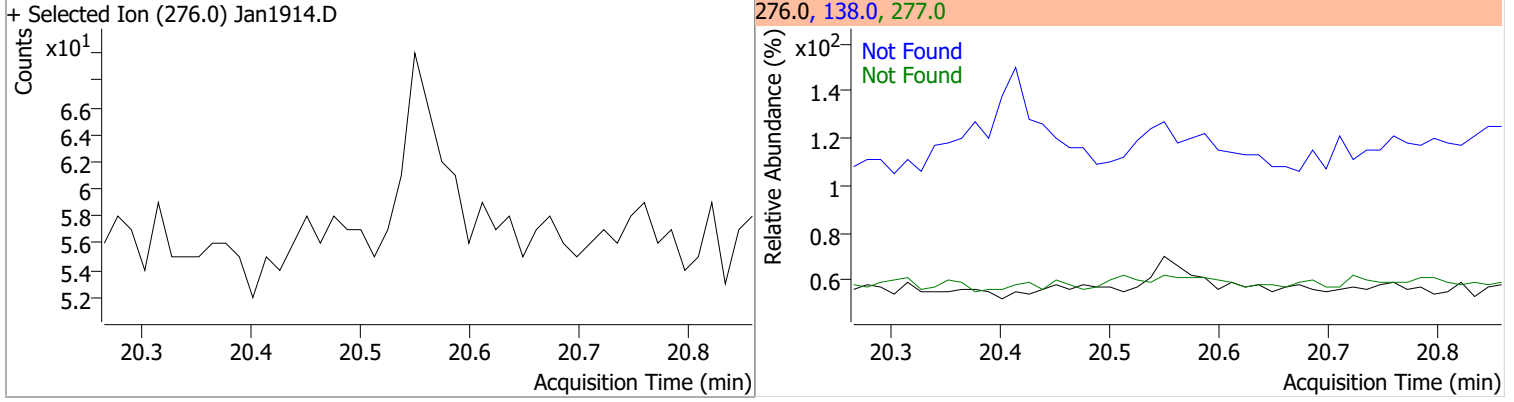


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



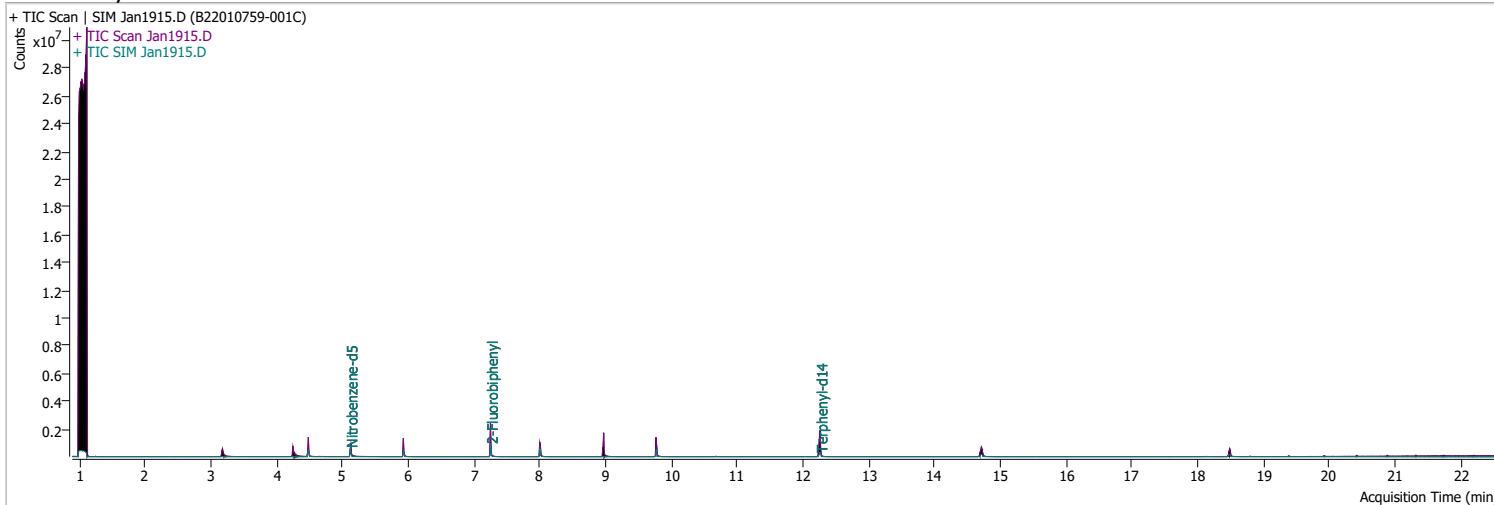
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3



# Quantitation Results Report (QT Reviewed)

Data File	Jan1915.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/19/2022 6:12:00 PM
Sample Name	B22010759-001C	Instrument	GCMS
Vial	15	Multiplier	1.00
DA Method File	011822 bna SIM1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011922 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)	
<b>Internal Standards</b>							
M 1,4-Dichlorobenzene-d4	4.484	152.0	203341	40.0000	ng/ml	-0.012	
M Naphthalene-d8	5.928	136.0	376166	40.0000	ng/ml	-0.012	
M Acenaphthene-d10	8.001	164.0	199343	40.0000	ng/ml	0.000	
M Phenanthrene-d10	9.768	188.0	411061	40.0000	ng/ml	-0.012	
M Chrysene-d12	14.714	240.0	289112	40.0000	ng/ml	-0.012	
M Perylene-d12	18.487	264.0	198508	40.0000	ng/ml	-0.012	
<b>System Monitoring Compounds</b>							
S Nitrobenzene-d5	5.118	82.0	405912	37.0041	ng/ml	-0.025	
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 740.08%		*	
S 2-Fluorobiphenyl	7.252	172.0	626778	65.4136	ng/ml	-0.012	
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1308.27%		*	
S o-Terphenyl	0.000		0	N.D.			
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%			
S Terphenyl-d14	12.263	244.0	452696	61.8091	ng/ml	0.000	
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1236.18%		*	
<b>Target Compounds</b>							
T Naphthalene	0.000		0	N.D.			QValue
T 2-Methylnaphthalene	0.000		0	N.D.			
T 1-Methylnaphthalene	0.000		0	N.D.			
T Acenaphthylene	0.000		0	N.D.			
T Acenaphthene	8.001	154.0	0		ng/ml	md	1
T Fluorene	8.960	166.0	0		ng/ml	md	1
T Phenanthrene	0.000		0	N.D.			
T Anthracene	9.854	178.0	0		ng/ml	md	1
T Fluoranthene	0.000		0	N.D.			
T Pyrene	0.000		0	N.D.			
T Benzo(a)Anthracene	14.714	228.0	0		ng/ml	md	1
T Chrysene	14.739	228.0	0		ng/ml	md	1
T Benzo(b)fluoranthene	0.000		0	N.D.			

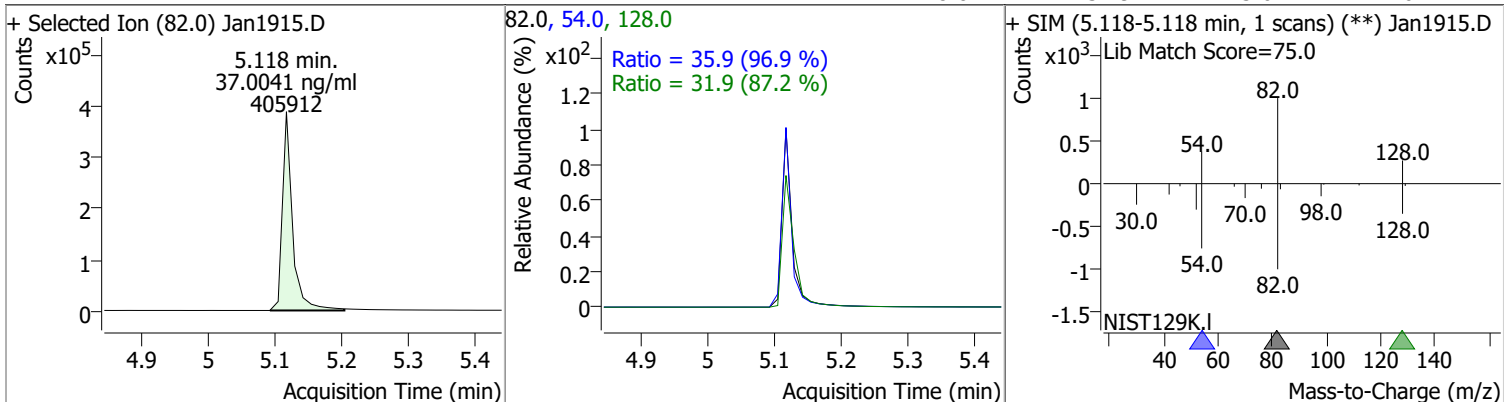
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.487	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

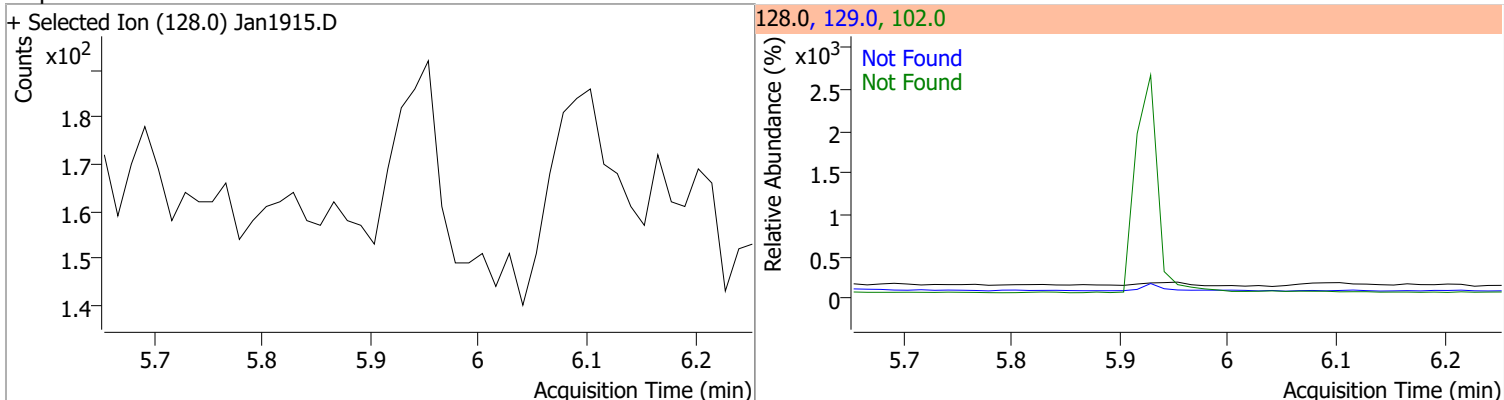
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

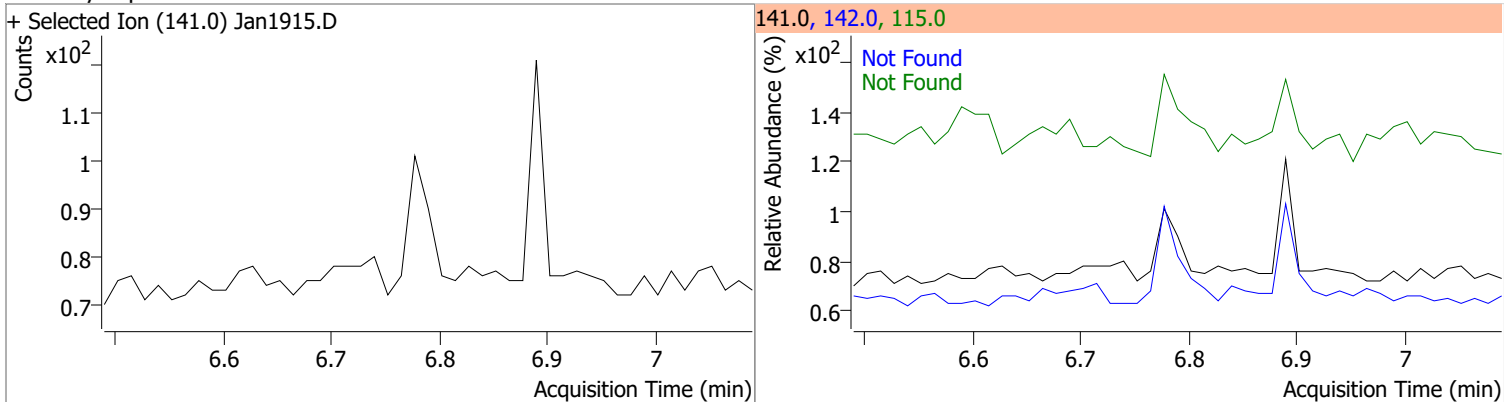
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	37.0041	5.12	-0.02	405912	54.0	35.9	25.9	48.1
					128.0	31.9	25.6	47.6



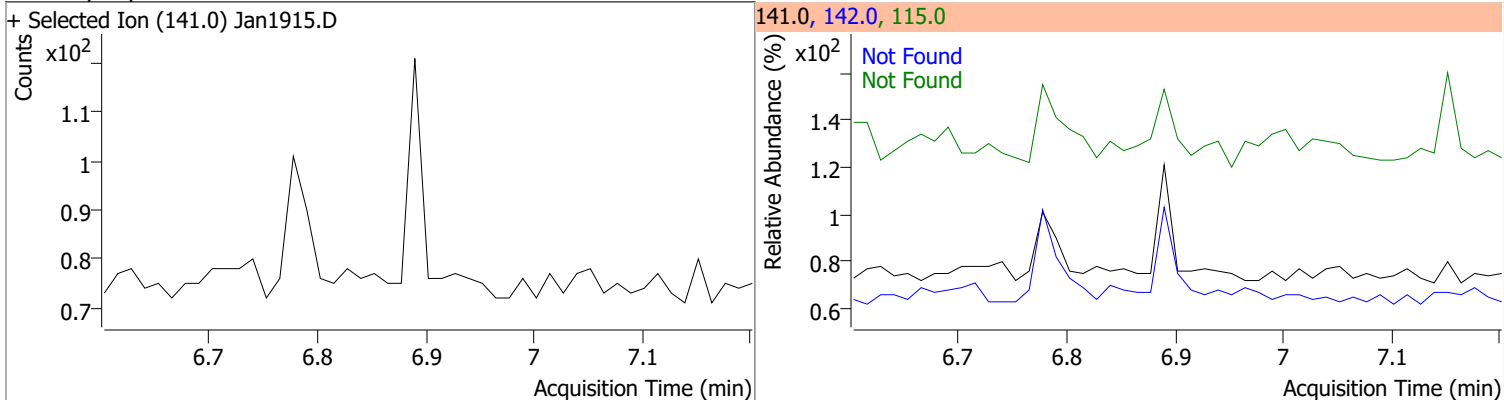
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



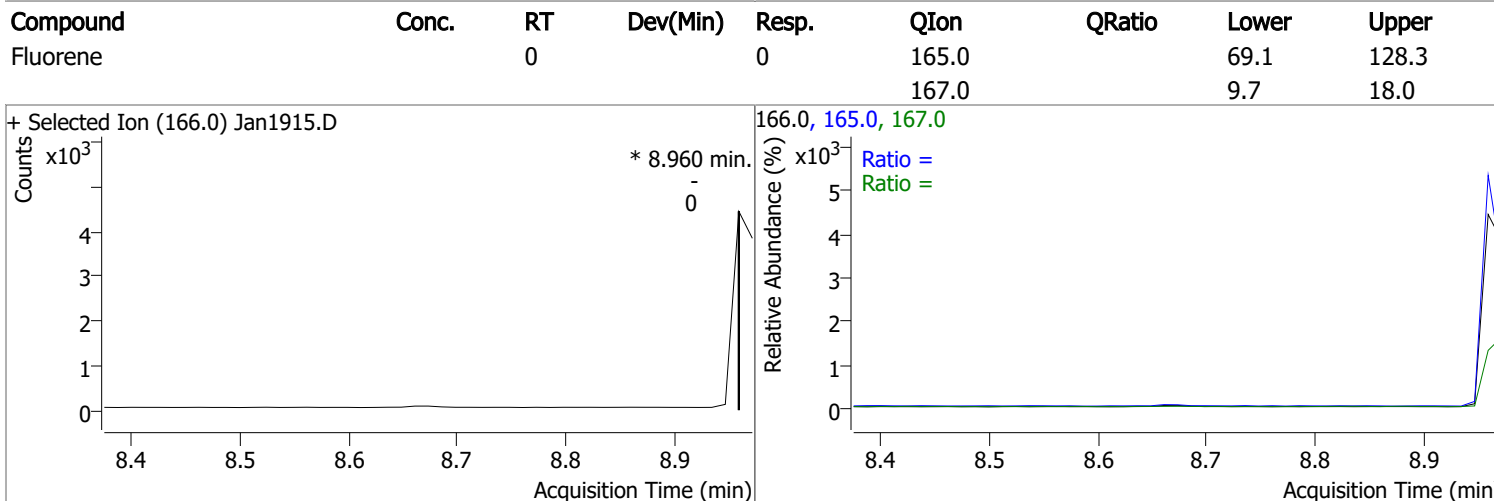
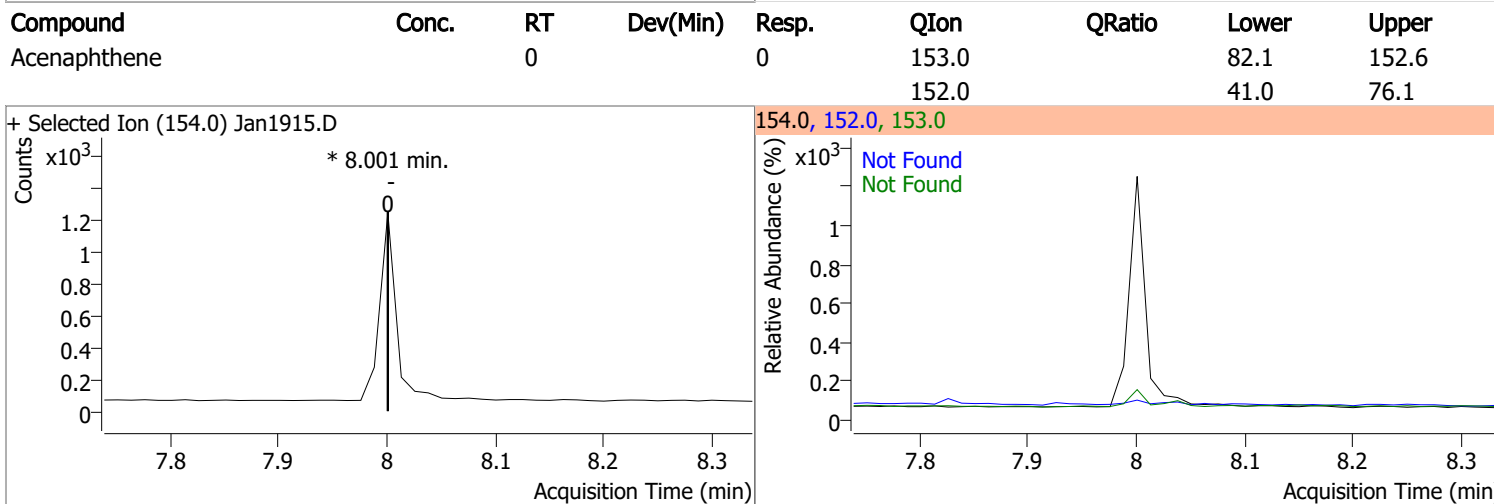
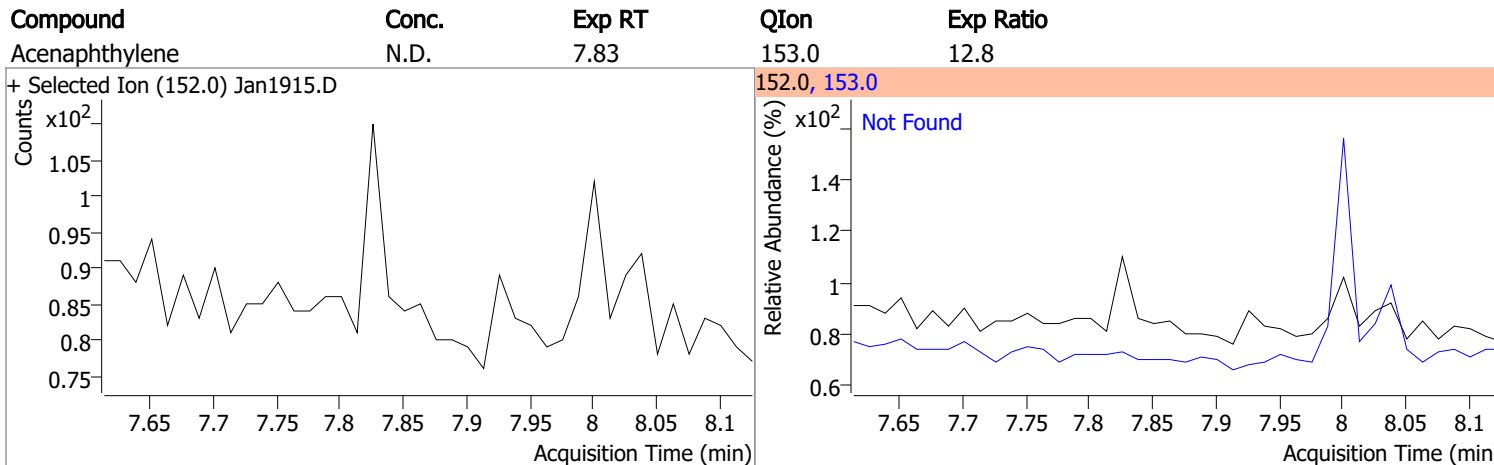
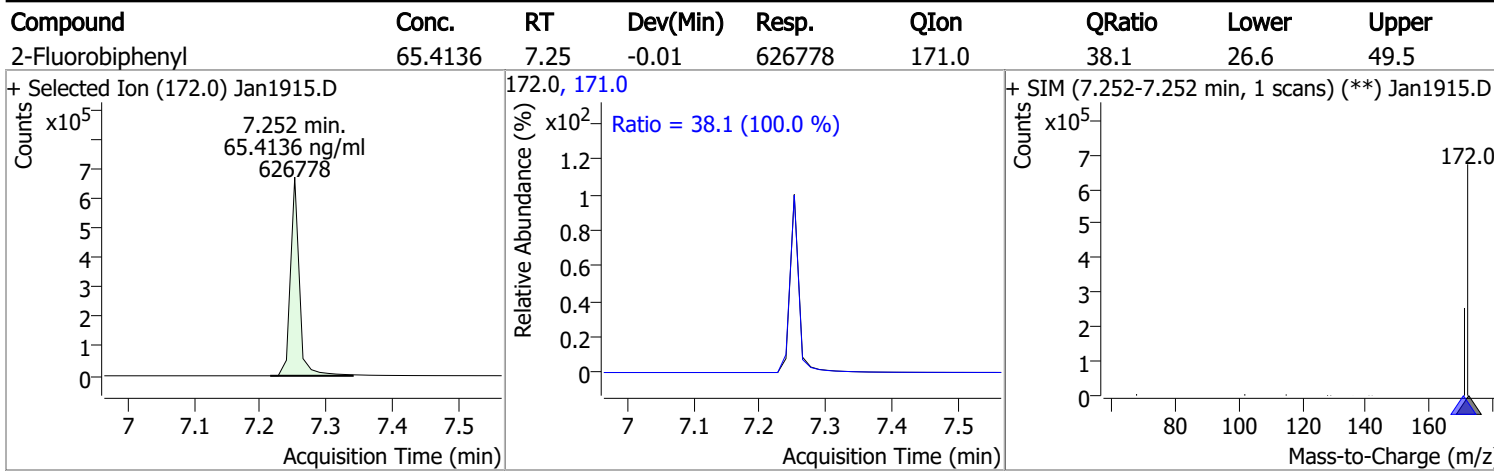
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

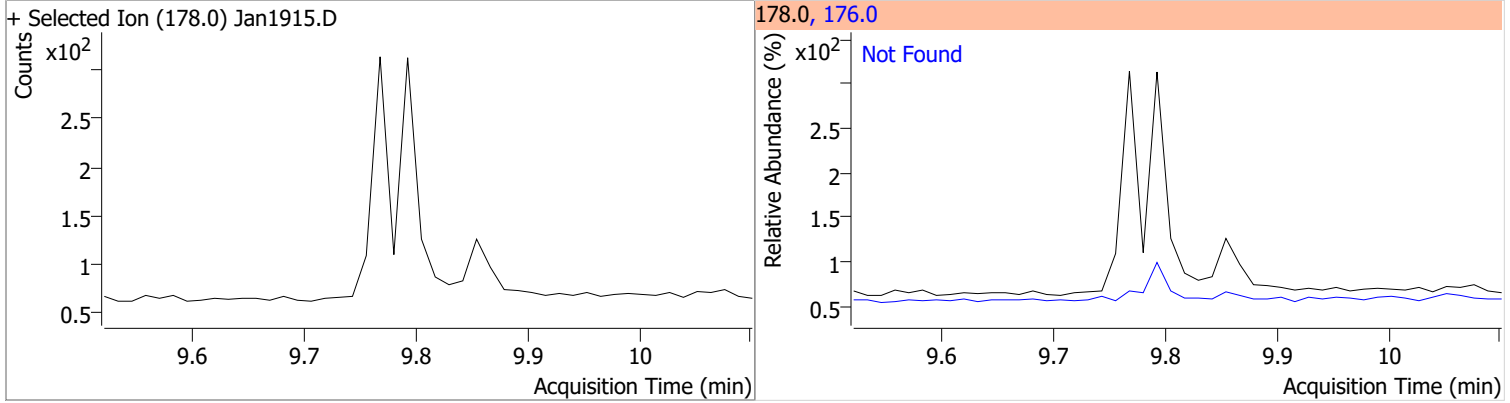


# Quantitation Results Report (QT Reviewed)

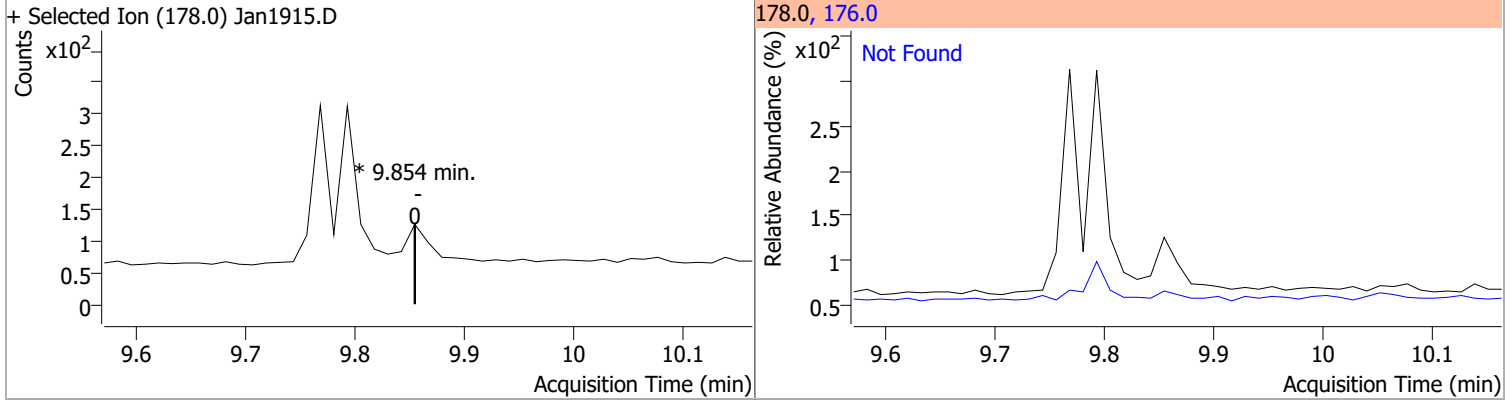


# Quantitation Results Report (QT Reviewed)

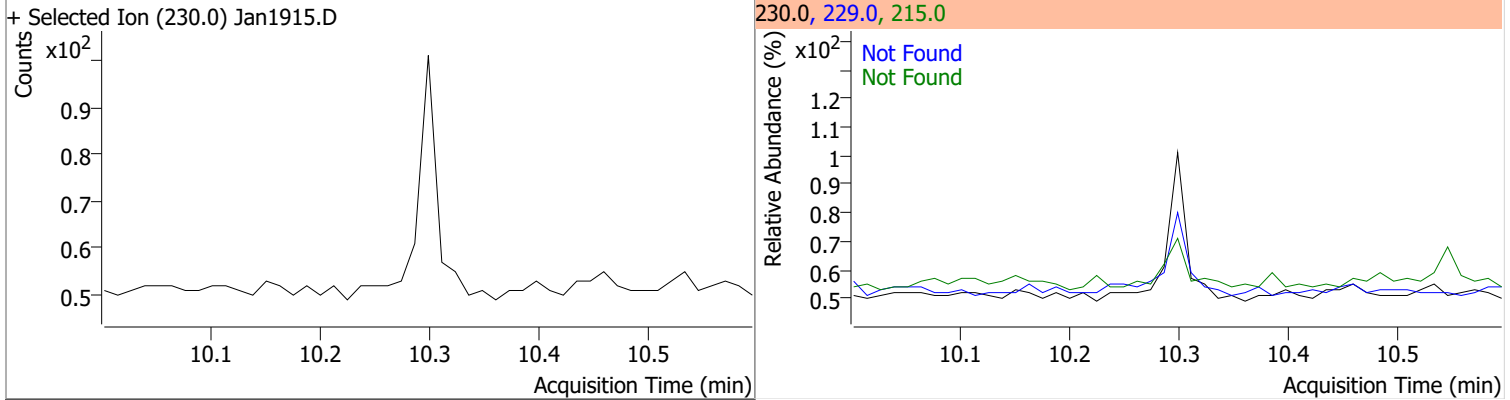
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



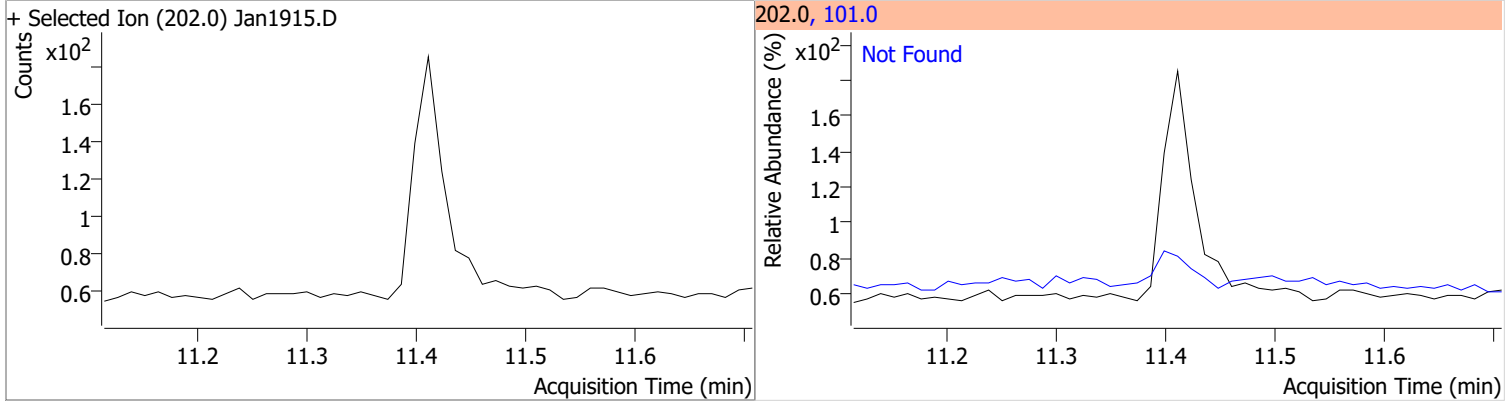
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	0	0		0	176.0		12.7	23.5



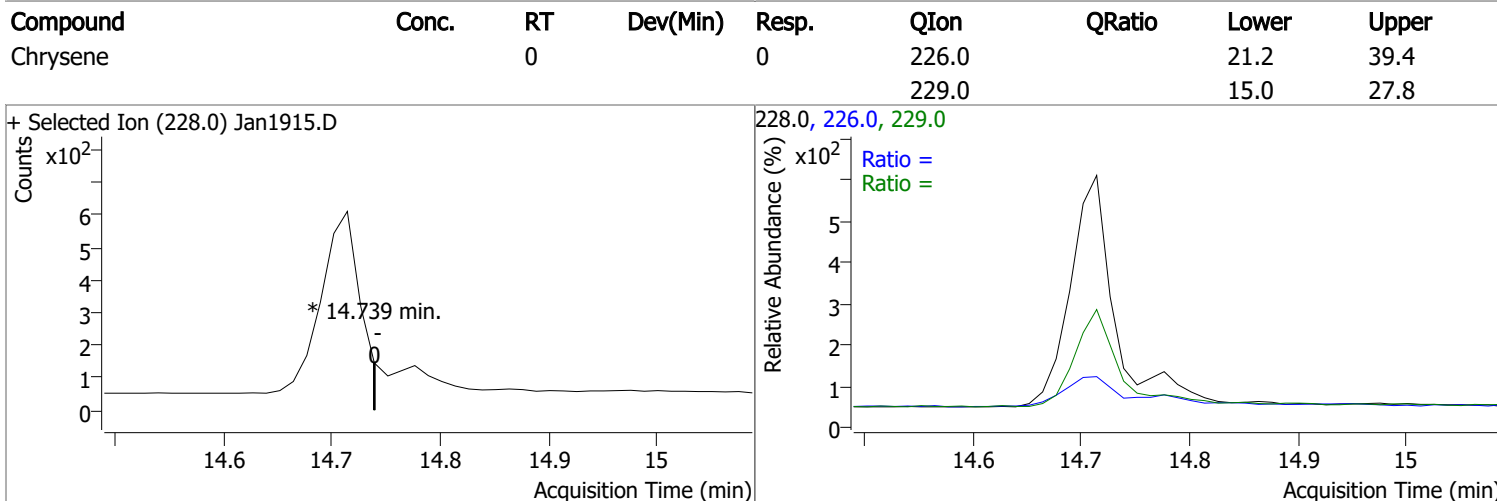
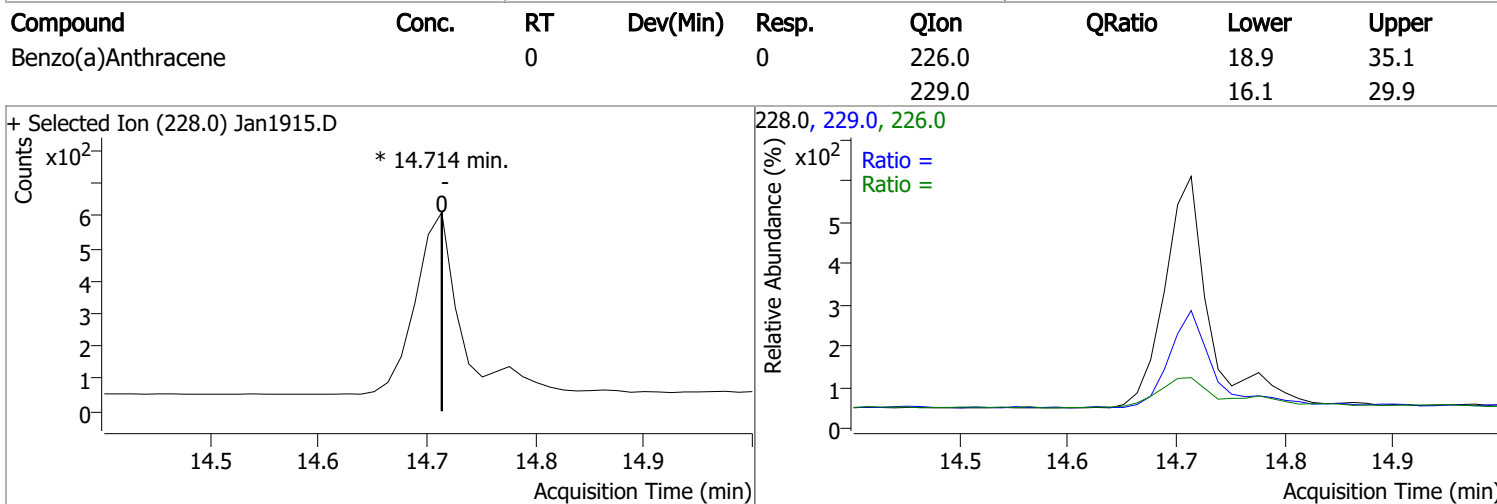
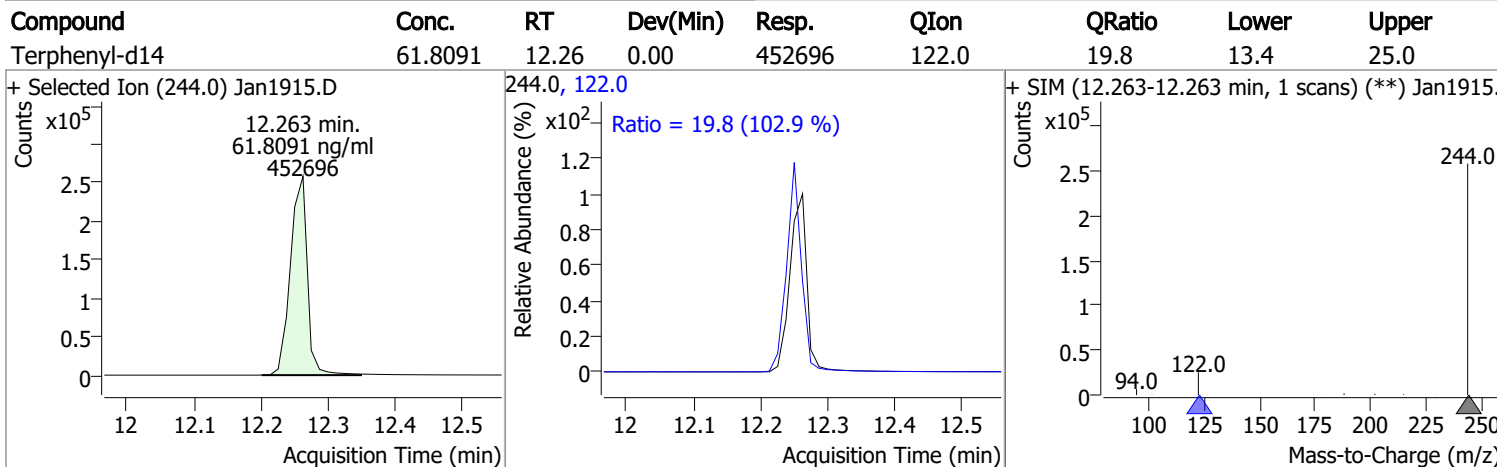
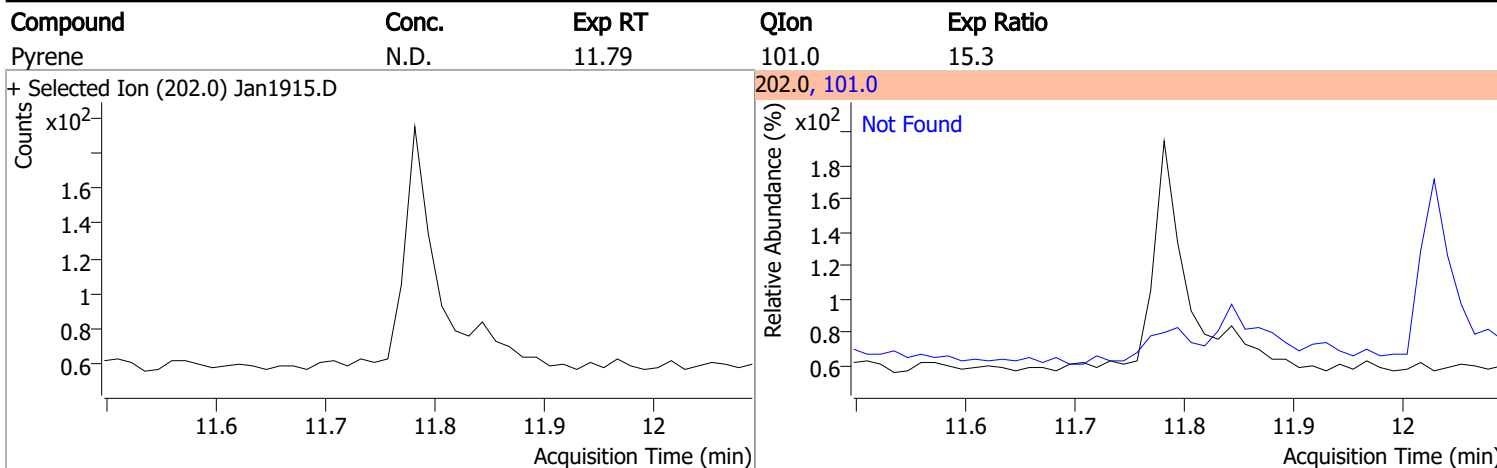
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	70.2	215.0	46.7



Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8

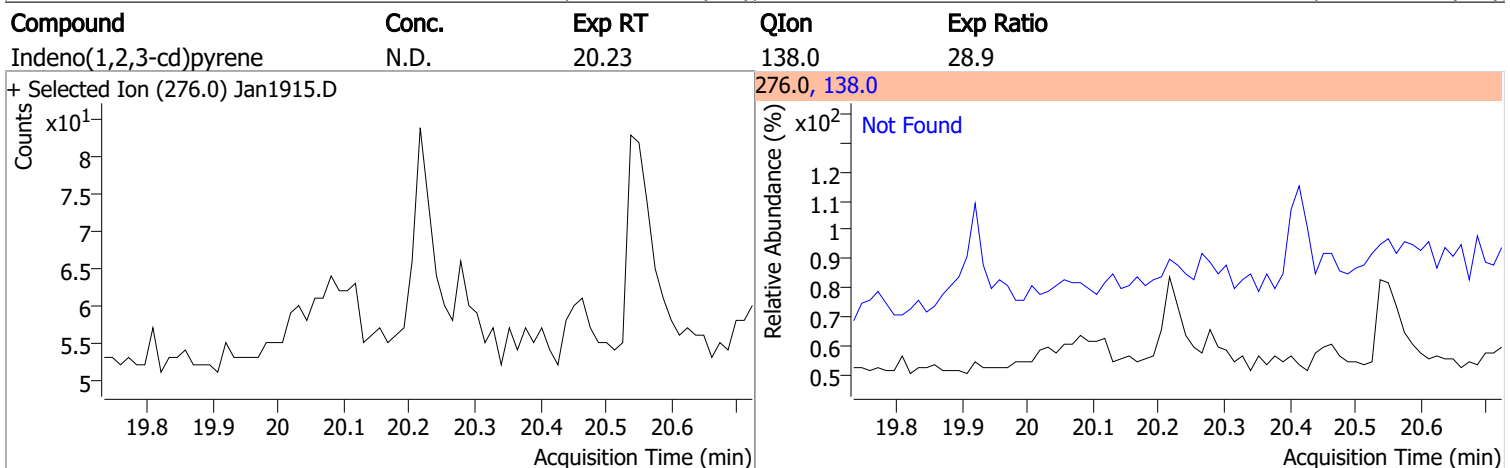
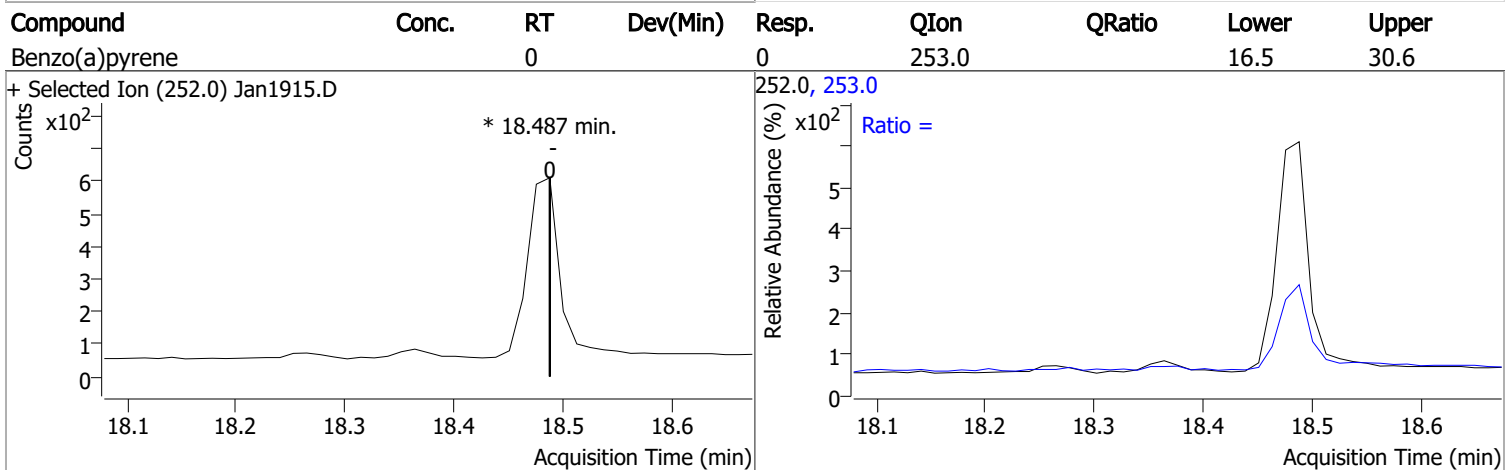
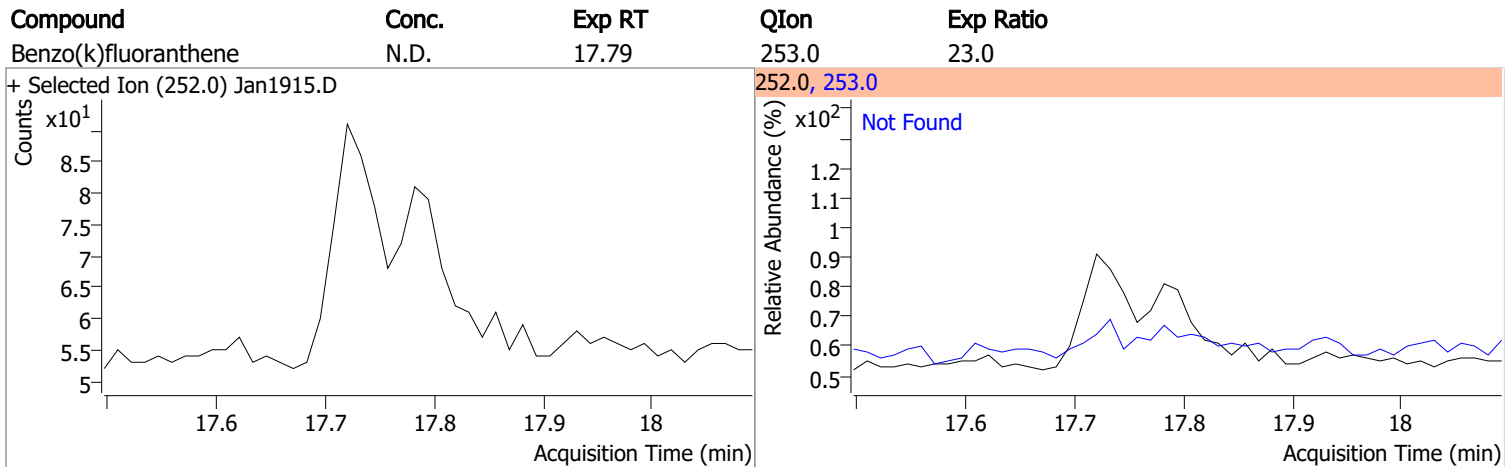
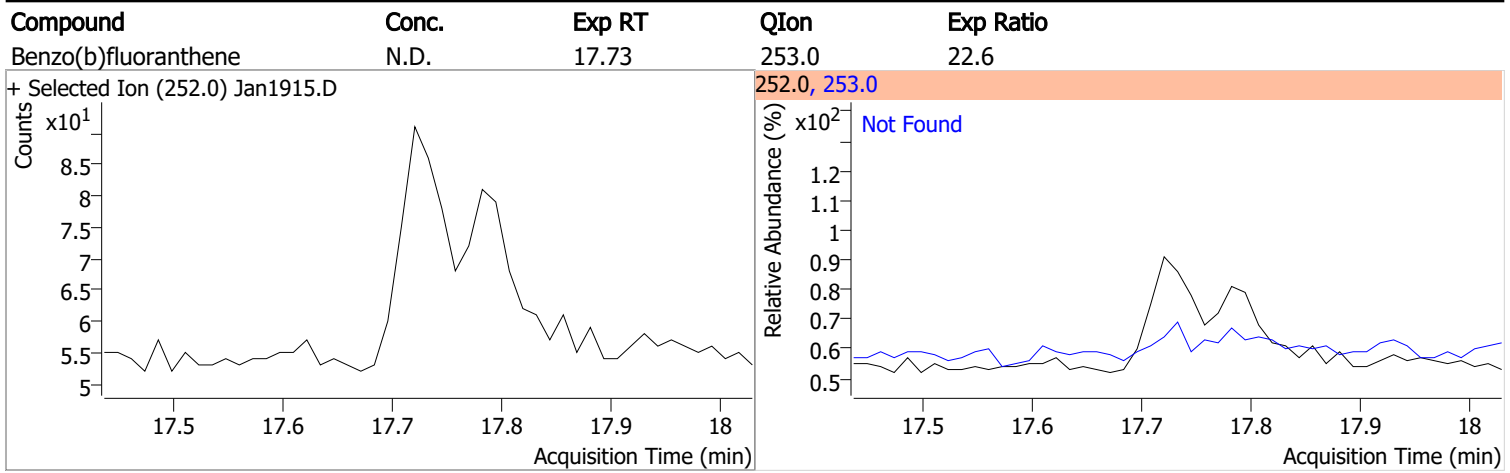


# Quantitation Results Report (QT Reviewed)



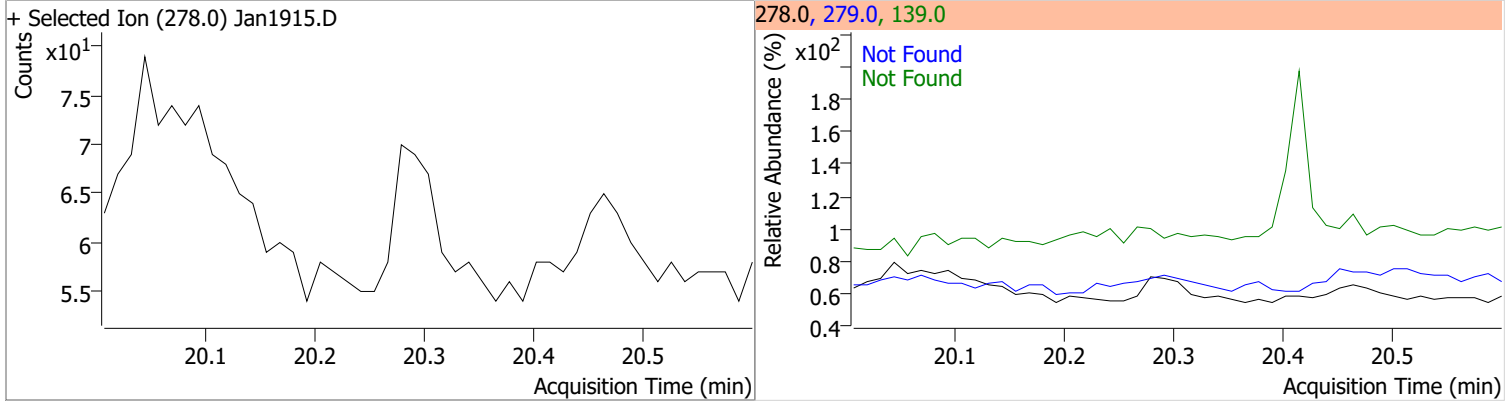


# Quantitation Results Report (QT Reviewed)

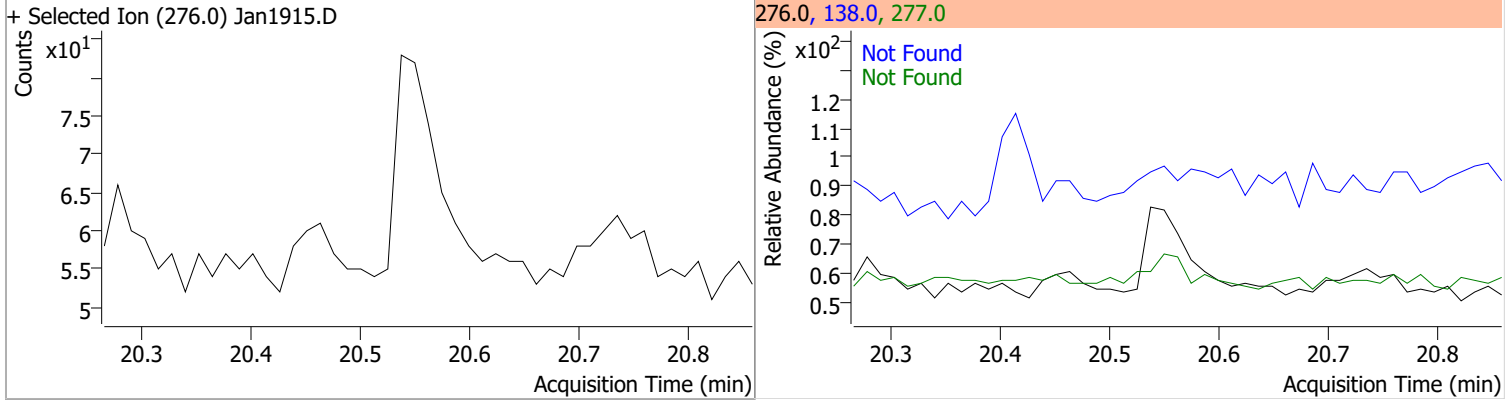


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3

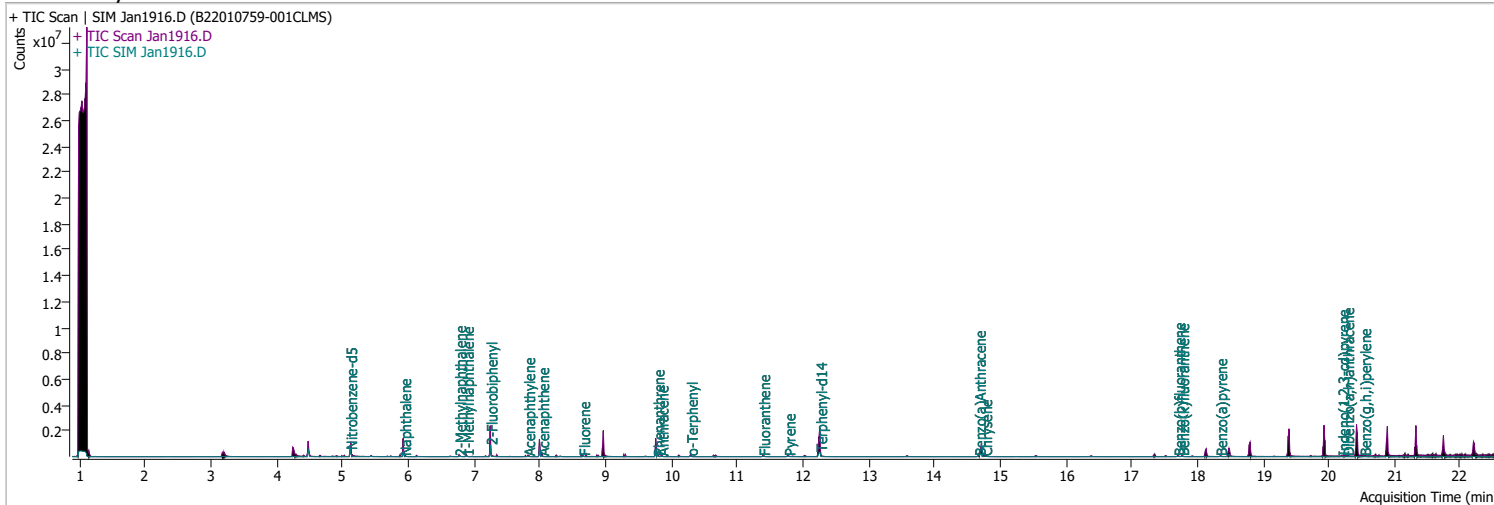


# Quantitation Results Report (QT Reviewed)

Data File Jan1916.D  
 Acq. Method 5975BNASIM  
 Sample Name B22010759-001CLMS  
 Vial 16  
 DA Method File 011822 bna SIM1.batch.bin  
 Tune File dftppjph.u  
 Batch Name 011922 bna SIM 1.batch.bin

Operator LIMS import  
 Acq. Date-Time 1/19/2022 6:44:17 PM  
 Instrument GCMS  
 Multiplier 1.00  
 Comment SVOC-8270C-SIM-W-LLPAH  
 Tune Date  
 Last Calib Update 1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.484	152.0	203678	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.928	136.0	387942	40.0000	ng/ml	-0.012
M Acenaphthene-d10	8.000	164.0	209081	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	423900	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	304357	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	201221	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	360532	34.4392	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 688.78%	*	
S 2-Fluorobiphenyl	7.252	172.0	597437	59.4473	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1188.95%	*	
S o-Terphenyl	10.299	230.0	25325	3.6707	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 73.41%		
S Terphenyl-d14	12.263	244.0	534974	67.5420	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1350.84%	*	
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	38153	2.8426	ng/ml	98
T 2-Methylnaphthalene	6.777	141.0	27471	3.6671	ng/ml	95
T 1-Methylnaphthalene	6.890	141.0	22977	2.9082	ng/ml	97
T Acenaphthylene	7.826	152.0	36492	2.8480	ng/ml	95
T Acenaphthene	8.038	154.0	28802	3.5139	ng/ml	95
T Fluorene	8.661	166.0	37643	3.8814	ng/ml	99
T Phenanthrene	9.793	178.0	58712	4.4725	ng/ml	95
T Anthracene	9.854	178.0	52263	4.4674	ng/ml	99
T Fluoranthene	11.398	202.0	58922	4.0984	ng/ml	98
T Pyrene	11.781	202.0	62559	4.0801	ng/ml	97
T Benzo(a)Anthracene	14.677	228.0	44058	4.5446	ng/ml	99
T Chrysene	14.776	228.0	55431	3.9792	ng/ml	99
T Benzo(b)fluoranthene	17.708	252.0	38925	4.2937	ng/ml	98

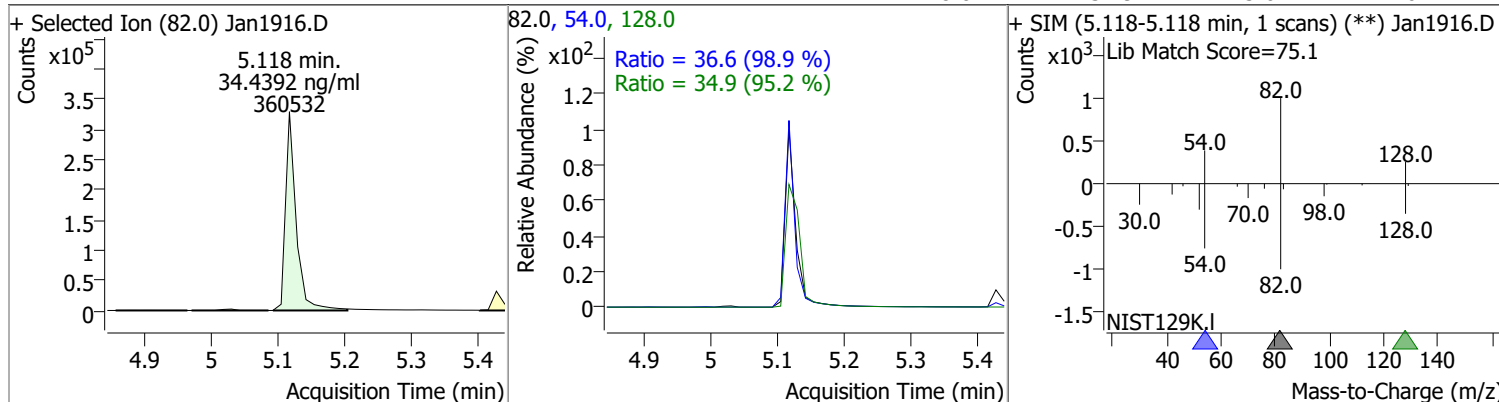
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	42784	4.0667	ng/ml	97
T Benzo(a)pyrene	18.351	252.0	30401	4.1885	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.204	276.0	31087	4.4357	ng/ml	97
T Dibenzo(a,h)anthracene	20.278	278.0	36968	4.5989	ng/ml	97
T Benzo(g,h,i)perylene	20.538	276.0	43686	4.3865	ng/ml	97

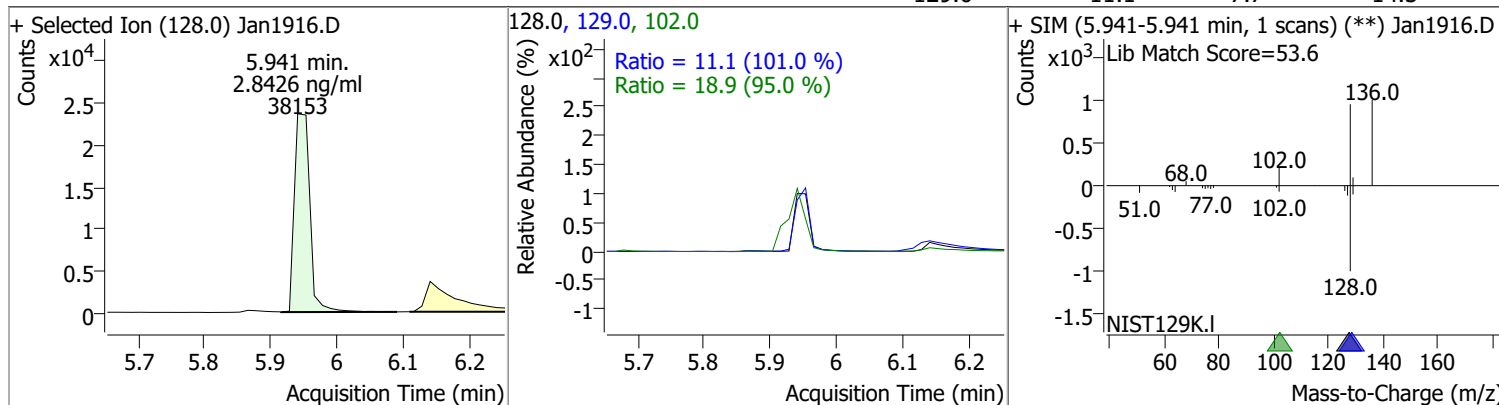
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

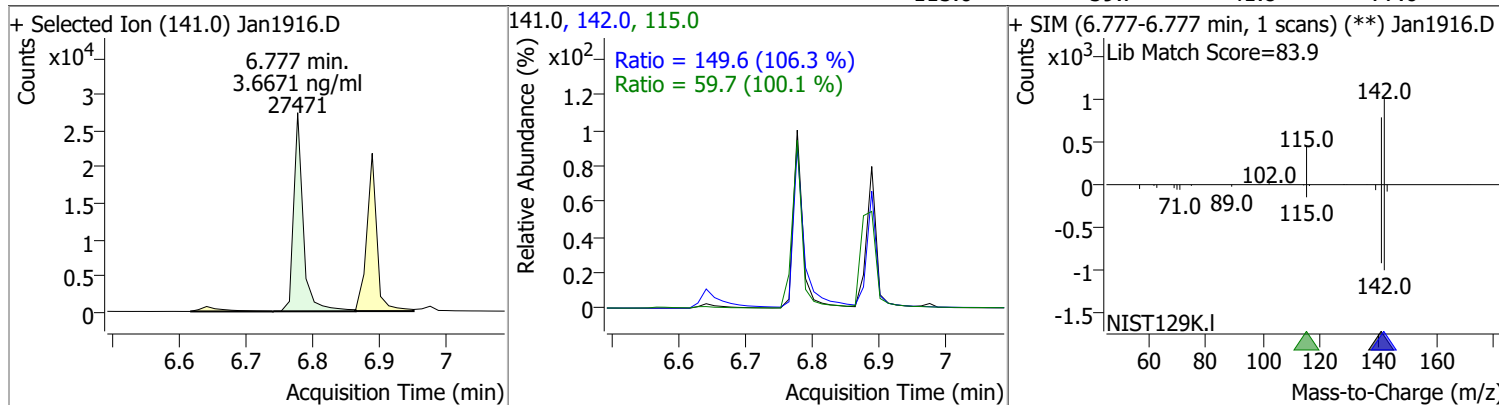
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	34.4392	5.12	-0.02	360532	54.0	36.6	25.9	48.1
					128.0	34.9	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.8426	5.94	-0.01	38153	102.0	18.9	0.0	59.6
					129.0	11.1	7.7	14.3

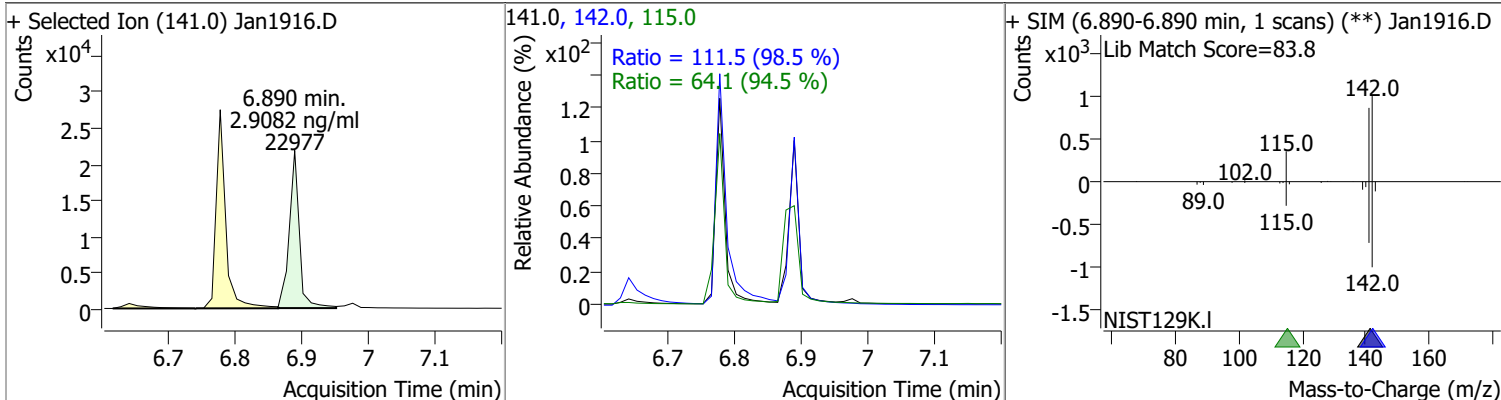


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.6671	6.78	-0.01	27471	142.0	149.6	98.5	183.0
					115.0	59.7	41.8	77.6

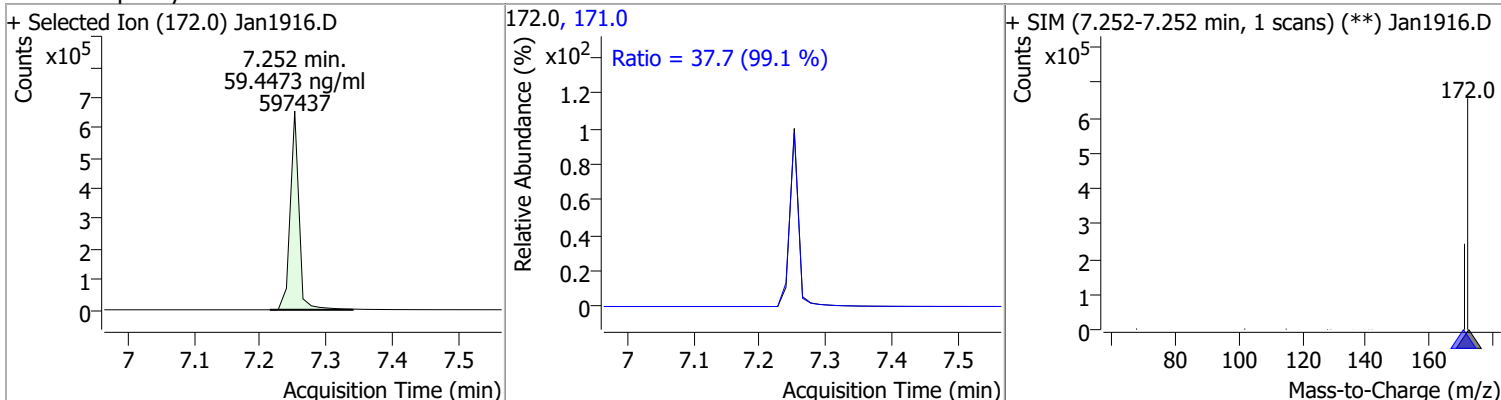


# Quantitation Results Report (QT Reviewed)

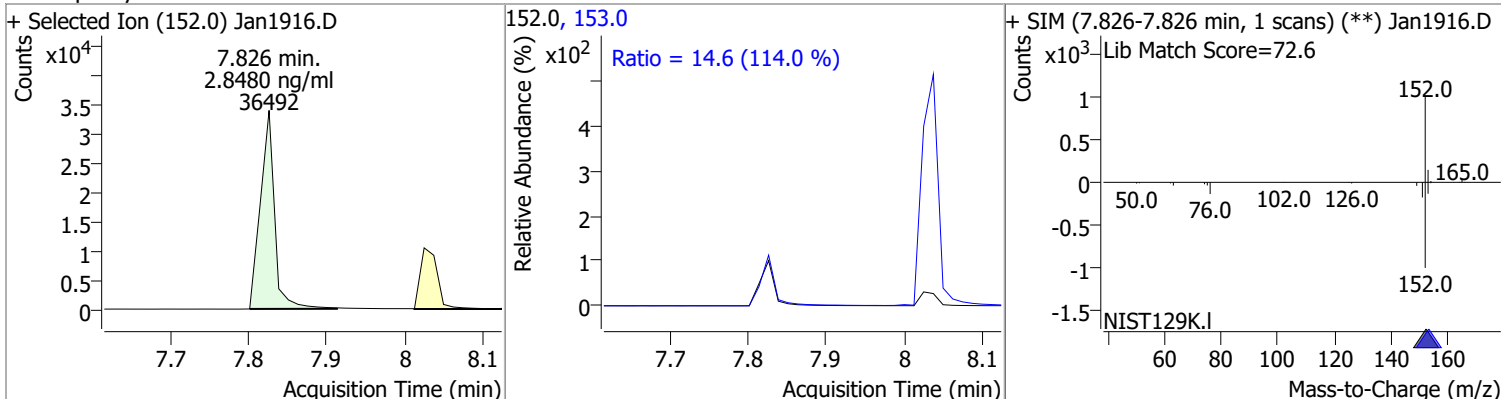
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.9082	6.89	-0.01	22977	142.0	111.5	79.2	147.1
					115.0	64.1	47.5	88.2



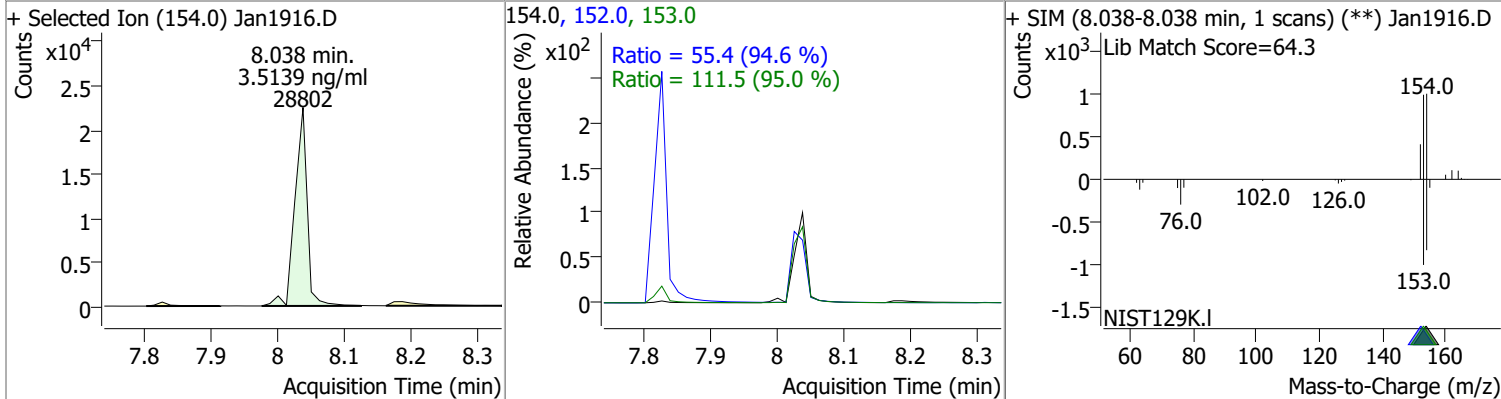
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	59.4473	7.25	-0.01	597437	171.0	37.7	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	2.8480	7.83	0.00	36492	153.0	14.6	9.0	16.6

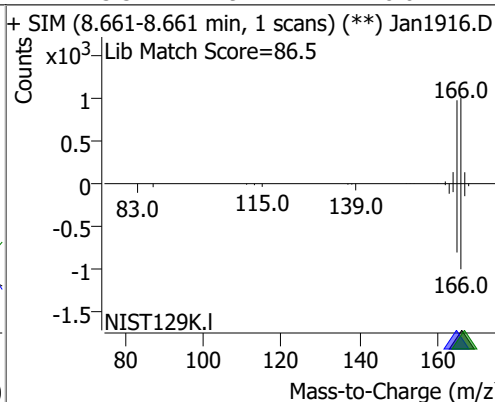
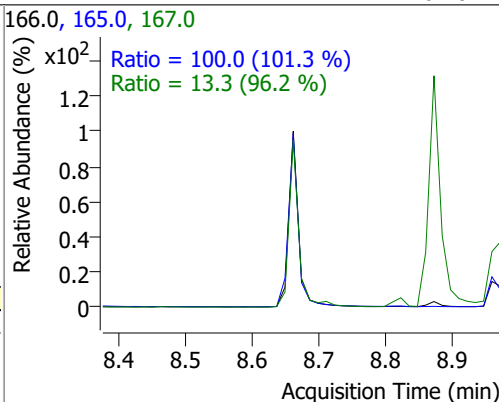
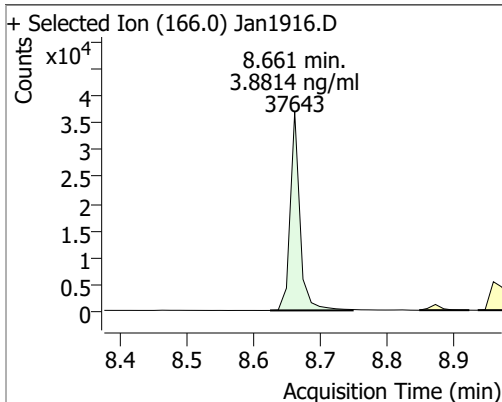


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	3.5139	8.04	0.00	28802	153.0	111.5	82.1	152.6
					152.0	55.4	41.0	76.1

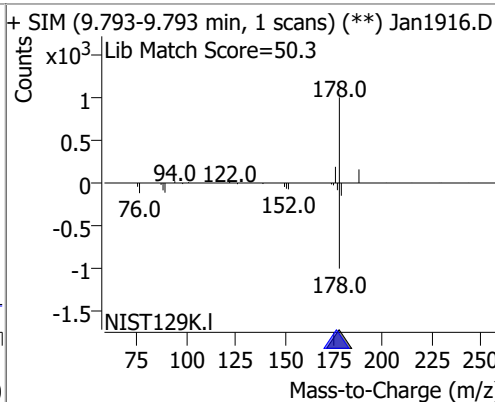
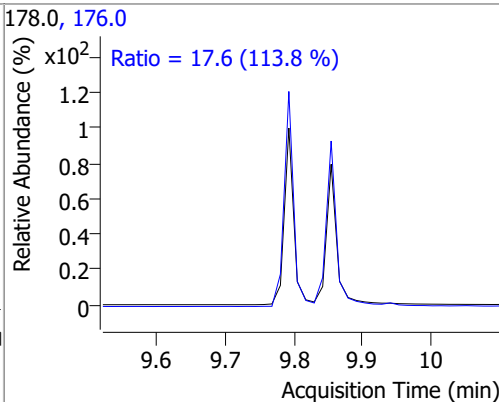
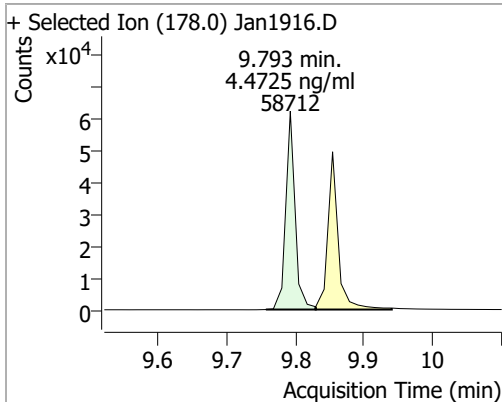


# Quantitation Results Report (QT Reviewed)

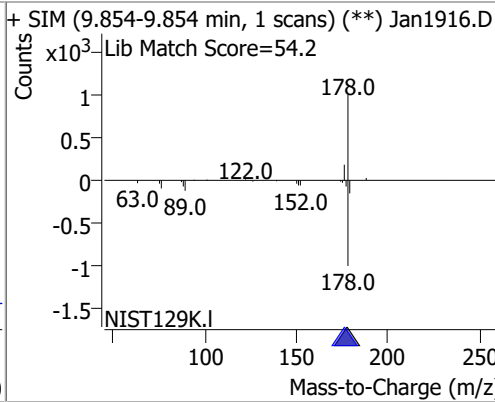
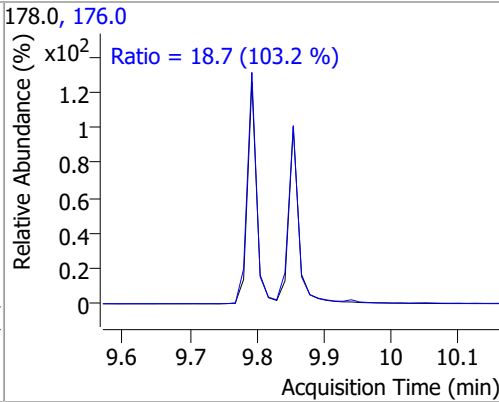
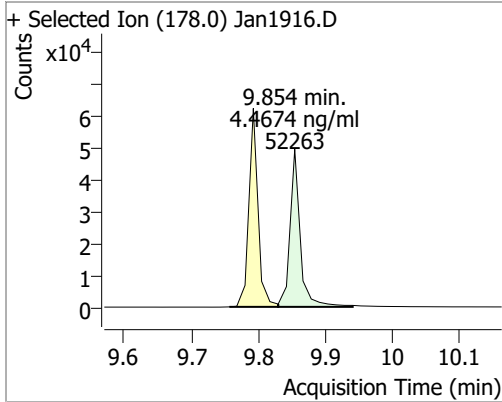
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.8814	8.66	-0.01	37643	165.0 167.0	100.0 13.3	69.1 9.7	128.3 18.0



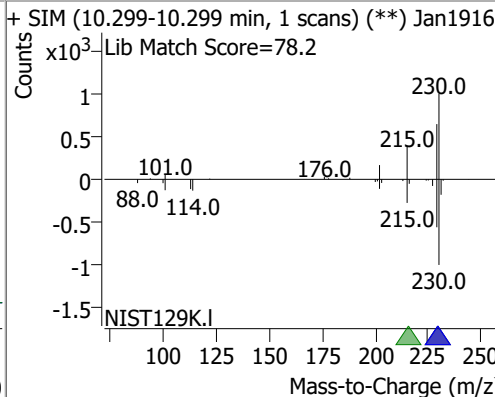
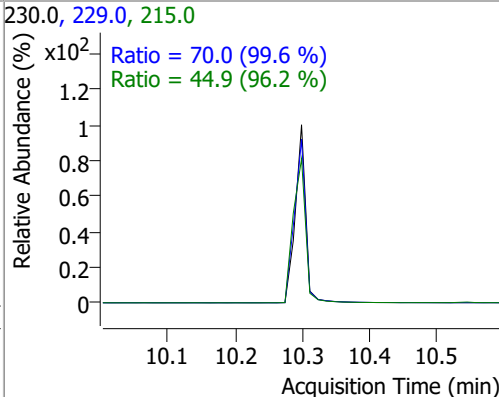
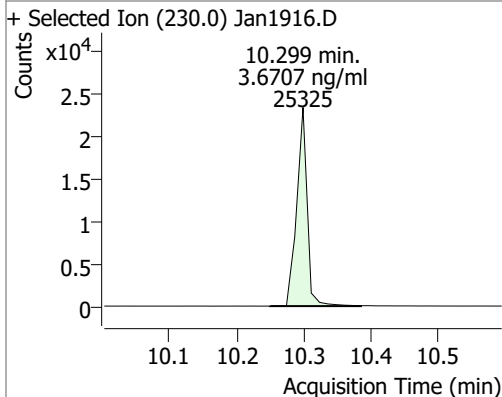
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.4725	9.79	-0.01	58712	176.0	17.6	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.4674	9.85	-0.01	52263	176.0	18.7	12.7	23.5

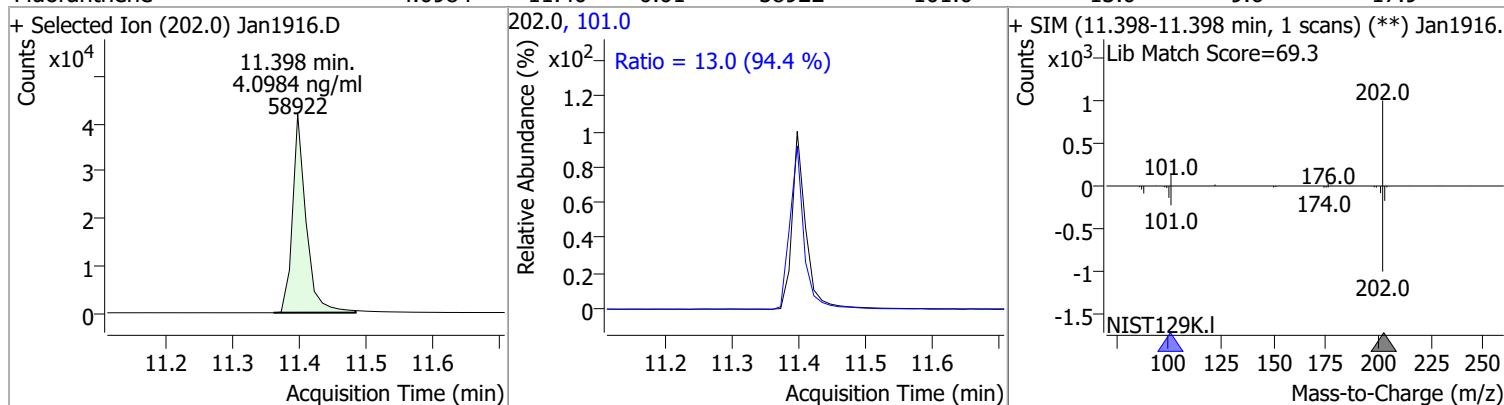


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	3.6707	10.30	0.00	25325	229.0 215.0	70.0 44.9	49.2 32.7	91.3 60.7

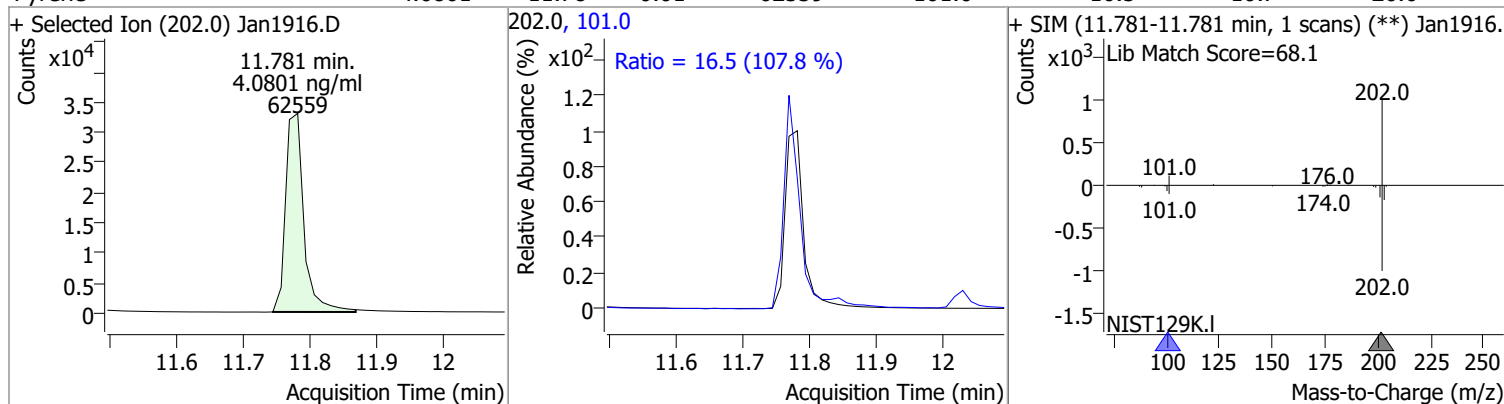


# Quantitation Results Report (QT Reviewed)

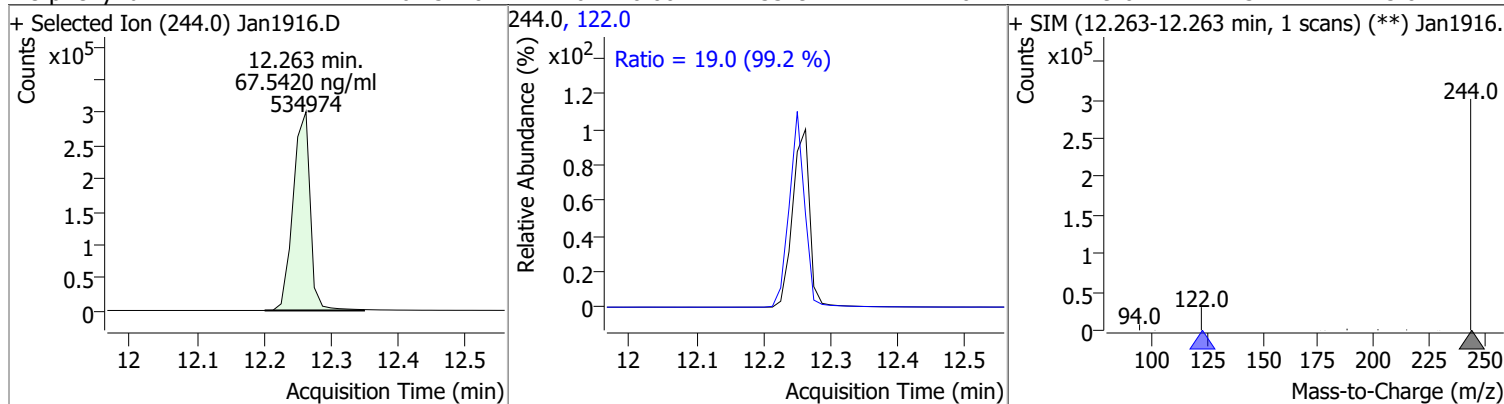
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.0984	11.40	-0.01	58922	101.0	13.0	9.6	17.9



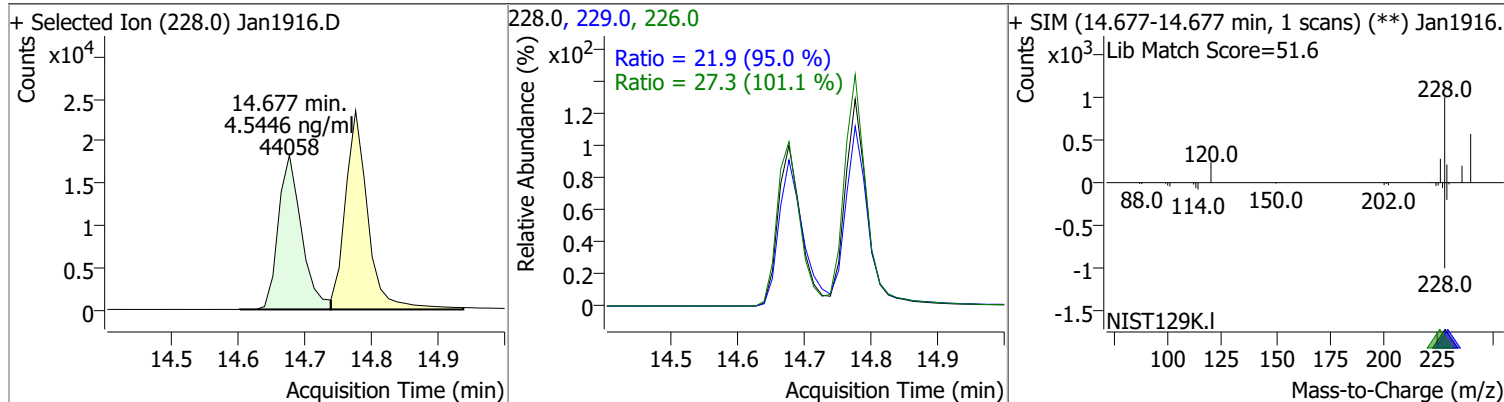
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.0801	11.78	-0.01	62559	101.0	16.5	10.7	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	67.5420	12.26	0.00	534974	122.0	19.0	13.4	25.0

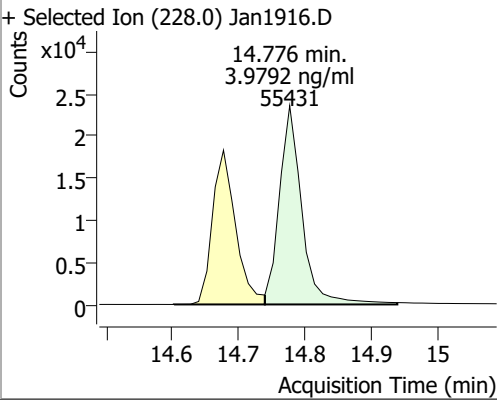
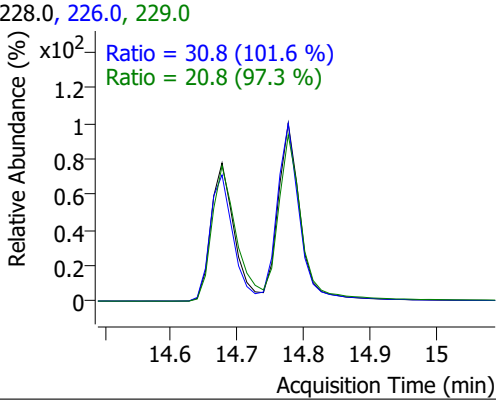
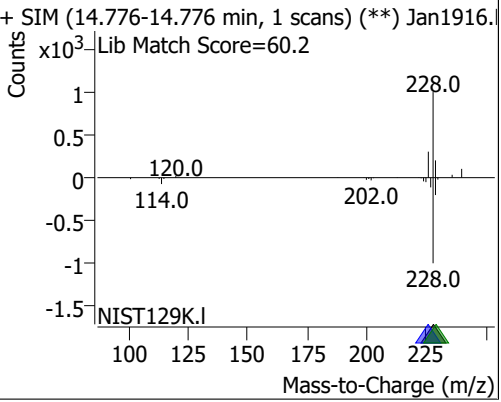
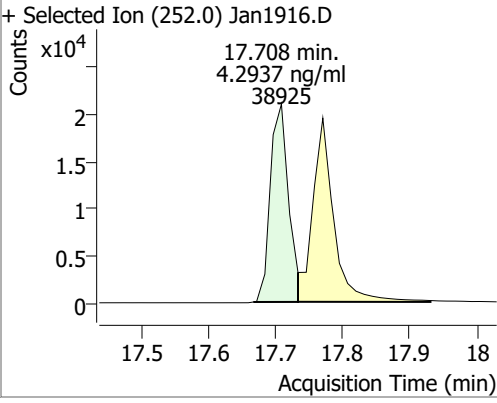
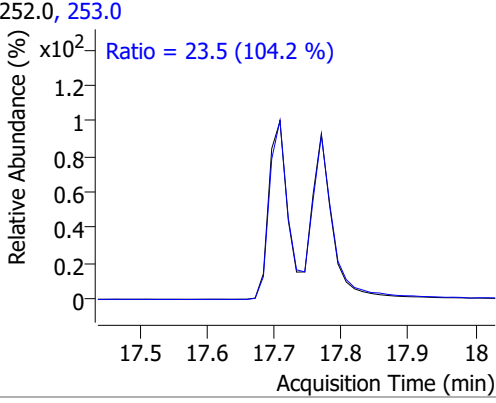
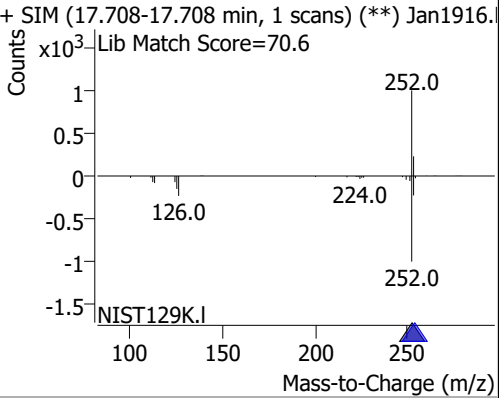
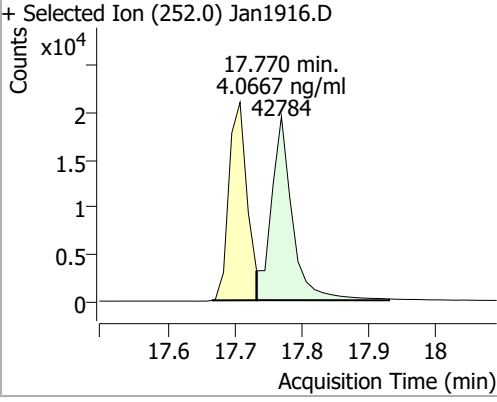
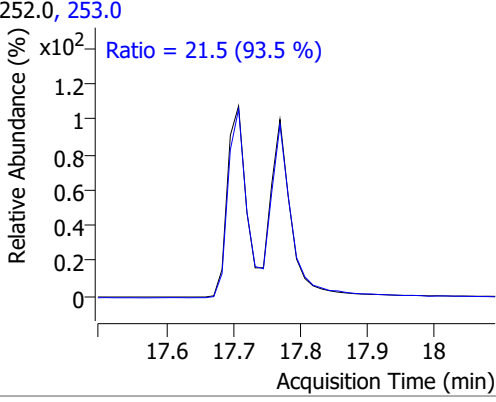
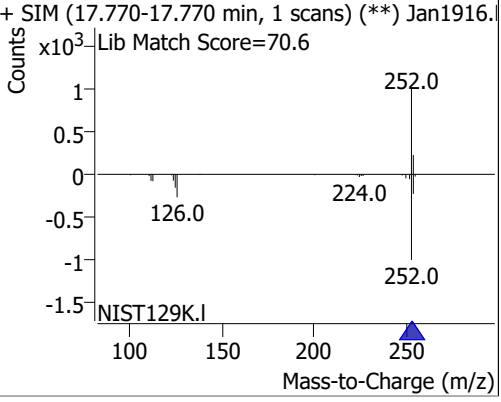
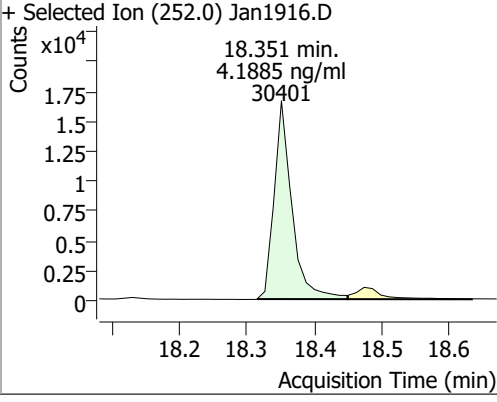
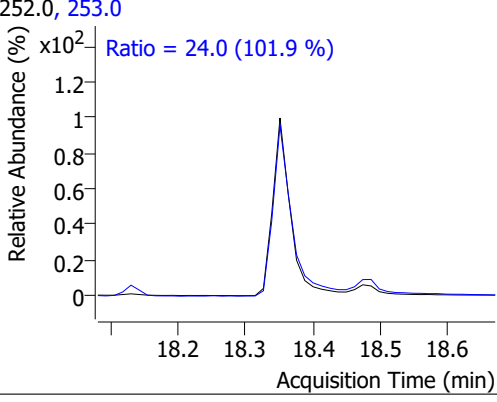
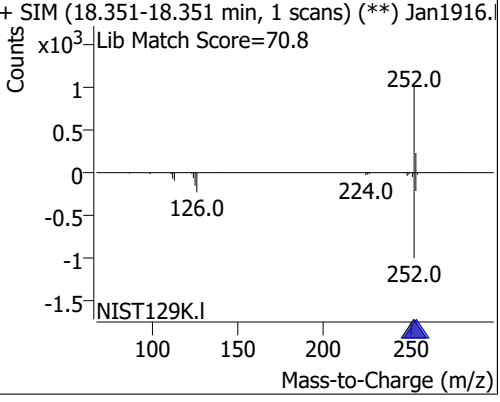


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	4.5446	14.68	-0.02	44058	226.0	27.3	18.9	35.1
					229.0	21.9	16.1	29.9





# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	3.9792	14.78	-0.01	55431	226.0 229.0	30.8 20.8	21.2 15.0	39.4 27.8
+ Selected Ion (228.0) Jan1916.D 			228.0, 226.0, 229.0 			+ SIM (14.776-14.776 min, 1 scans) (**) Jan1916. Lib Match Score=60.2 		
Benzo(b)fluoranthene	4.2937	17.71	-0.02	38925	253.0	23.5	15.8	29.4
+ Selected Ion (252.0) Jan1916.D 			252.0, 253.0 			+ SIM (17.708-17.708 min, 1 scans) (**) Jan1916. Lib Match Score=70.6 		
Benzo(k)fluoranthene	4.0667	17.77	-0.02	42784	253.0	21.5	16.1	29.9
+ Selected Ion (252.0) Jan1916.D 			252.0, 253.0 			+ SIM (17.770-17.770 min, 1 scans) (**) Jan1916. Lib Match Score=70.6 		
Benzo(a)pyrene	4.1885	18.35	-0.02	30401	253.0	24.0	16.5	30.6
+ Selected Ion (252.0) Jan1916.D 			252.0, 253.0 			+ SIM (18.351-18.351 min, 1 scans) (**) Jan1916. Lib Match Score=70.8 		

# Quantitation Results Report (QT Reviewed)

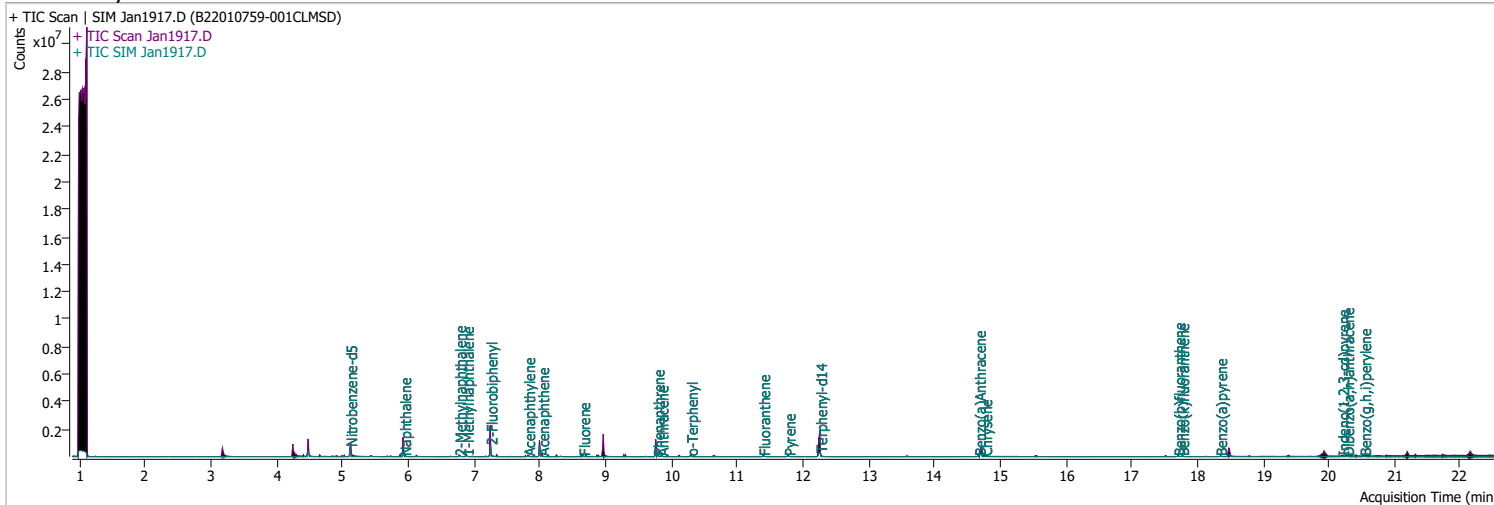
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	4.4357	20.20	-0.02	31087	138.0	27.2	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1916.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 27.2 (94.0 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan1916.D</p> <p>Lib Match Score=78.4</p> </div> </div>								
Dibenzo(a,h)anthracene	4.5989	20.28	-0.02	36968	279.0	25.1	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan1916.D</p> </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 25.1 (99.8 %)</p> <p>Ratio = 21.4 (88.9 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.278-20.278 min, 1 scans) (**) Jan1916.D</p> <p>Lib Match Score=77.8</p> </div> </div>								
Benzo(g,h,i)perylene	4.3865	20.54	-0.02	43686	138.0	26.0	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1916.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 26.0 (92.7 %)</p> <p>Ratio = 24.1 (103.9 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan1916.D</p> <p>Lib Match Score=78.6</p> </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File Jan1917.D  
 Acq. Method 5975BNASIM  
 Sample Name B22010759-001CLMSD  
 Vial 17  
 DA Method File 011822 bna SIM1.batch.bin  
 Tune File dftppjph.u  
 Batch Name 011922 bna SIM 1.batch.bin

Operator LIMS import  
 Acq. Date-Time 1/19/2022 7:16:32 PM  
 Instrument GCMS  
 Multiplier 1.00  
 Comment SVOC-8270C-SIM-W-LLPAH  
 Tune Date  
 Last Calib Update 1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.484	152.0	183339	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.928	136.0	344898	40.0000	ng/ml	-0.012
M Acenaphthene-d10	8.001	164.0	192733	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	376841	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	274273	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	184534	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	412698	39.7317	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 794.63%	*	
S 2-Fluorobiphenyl	7.252	172.0	566214	61.1195	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1222.39%	*	
S o-Terphenyl	10.299	230.0	22100	3.6033	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 72.07%		
S Terphenyl-d14	12.263	244.0	444479	63.4692	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1269.38%	*	
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	38915	3.2613	ng/ml	98
T 2-Methylnaphthalene	6.777	141.0	27717	4.1617	ng/ml	97
T 1-Methylnaphthalene	6.890	141.0	22910	3.2616	ng/ml	98
T Acenaphthylene	7.826	152.0	40604	3.4377	ng/ml	100
T Acenaphthene	8.038	154.0	26585	3.5186	ng/ml	95
T Fluorene	8.661	166.0	35344	3.9535	ng/ml	100
T Phenanthrene	9.793	178.0	52285	4.4801	ng/ml	90
T Anthracene	9.854	178.0	45213	4.3531	ng/ml	99
T Fluoranthene	11.398	202.0	51064	3.9954	ng/ml	98
T Pyrene	11.781	202.0	53120	3.8445	ng/ml	98
T Benzo(a)Anthracene	14.677	228.0	36391	4.1791	ng/ml	99
T Chrysene	14.776	228.0	46186	3.6792	ng/ml	100
T Benzo(b)fluoranthene	17.709	252.0	32942	3.9623	ng/ml	98

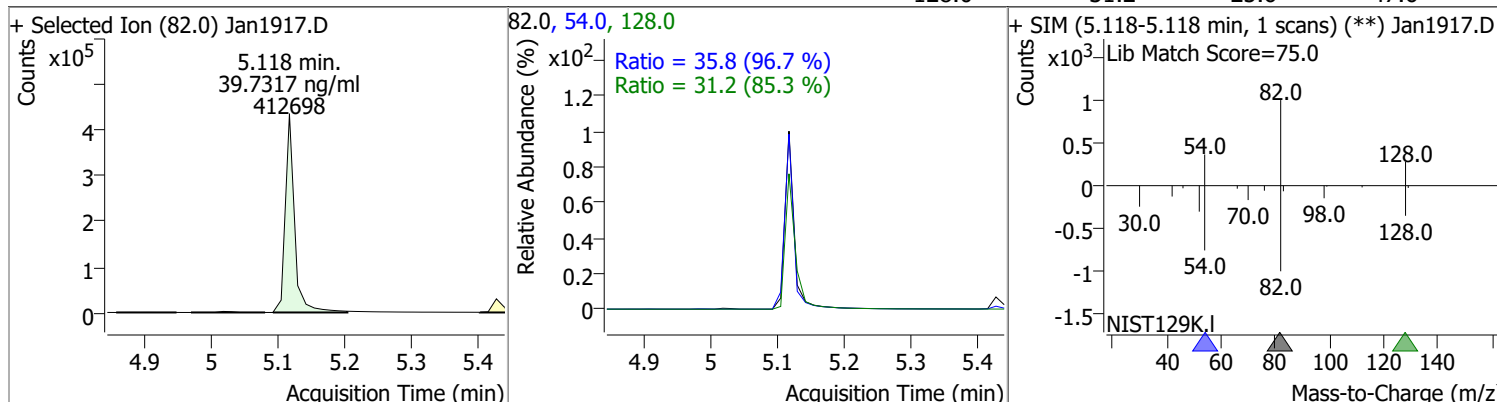
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	34203	3.5603	ng/ml	97
T Benzo(a)pyrene	18.351	252.0	24834	3.7686	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.204	276.0	23950	3.7884	ng/ml	96
T Dibenzo(a,h)anthracene	20.279	278.0	28399	3.8523	ng/ml	98
T Benzo(g,h,i)perylene	20.538	276.0	33497	3.7106	ng/ml	99

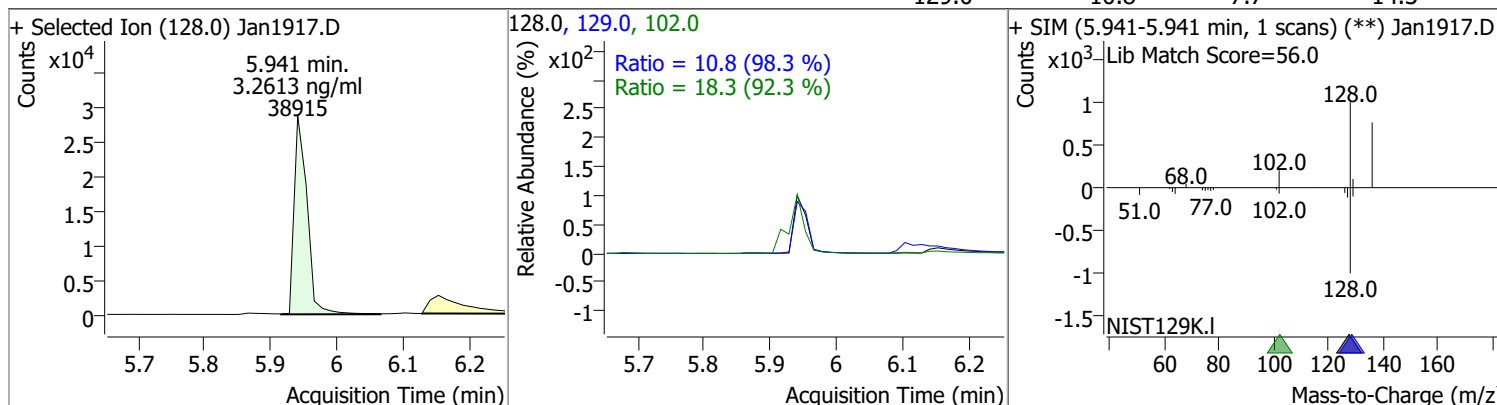
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

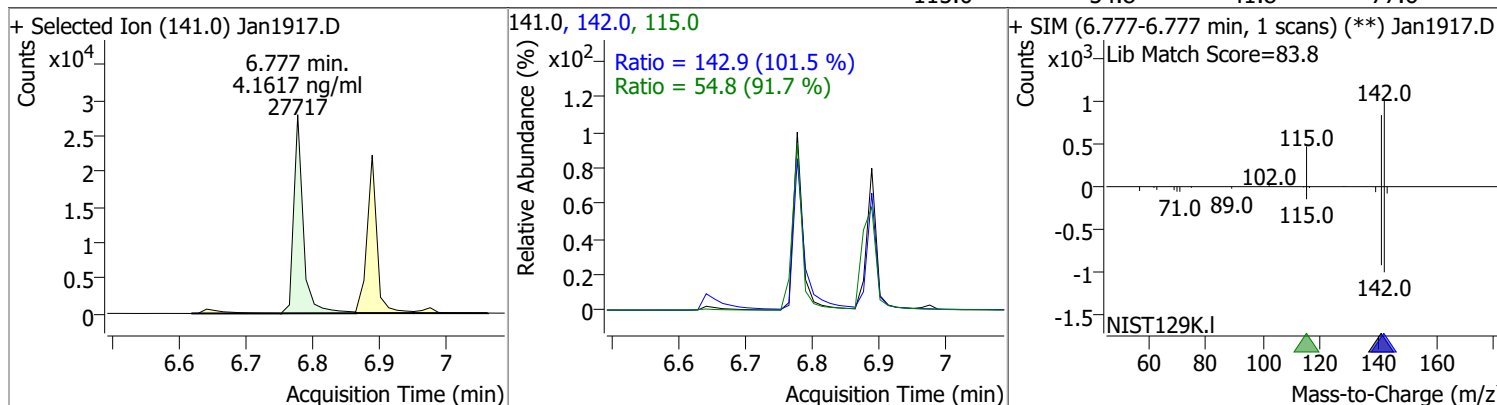
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	39.7317	5.12	-0.02	412698	54.0	35.8	25.9	48.1
					128.0	31.2	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.2613	5.94	-0.01	38915	102.0	18.3	0.0	59.6
					129.0	10.8	7.7	14.3

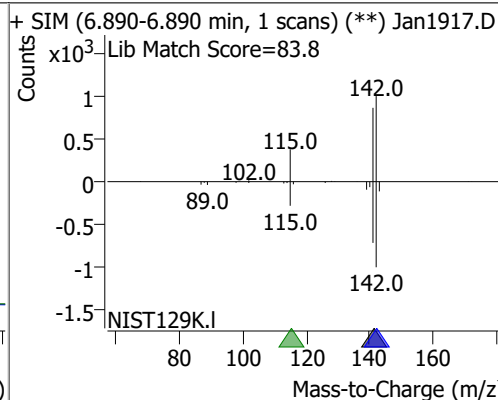
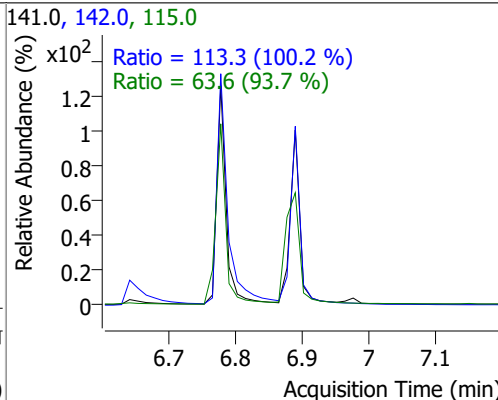
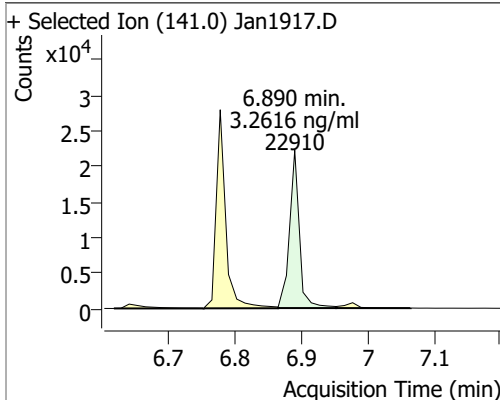


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	4.1617	6.78	-0.01	27717	142.0	142.9	98.5	183.0
					115.0	54.8	41.8	77.6

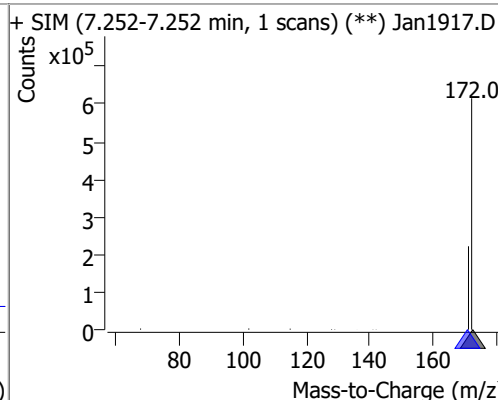
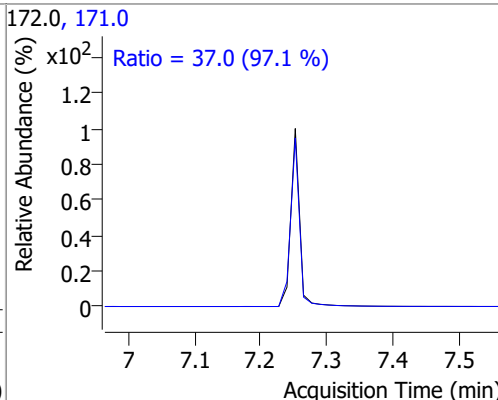
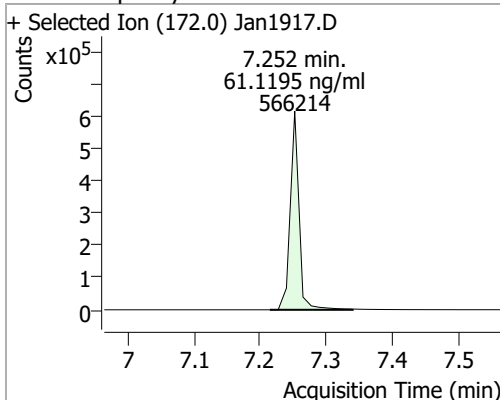


# Quantitation Results Report (QT Reviewed)

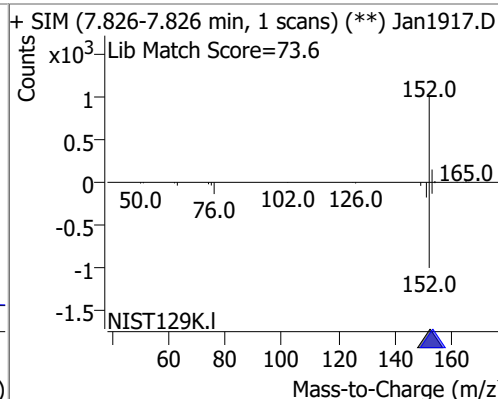
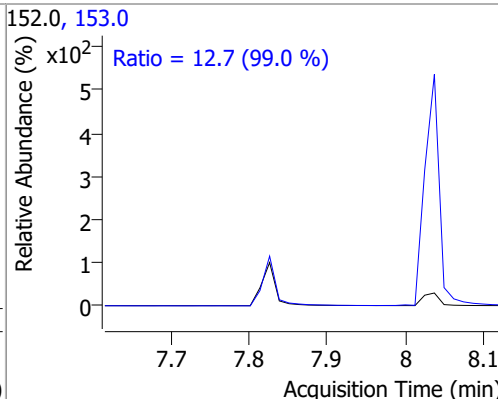
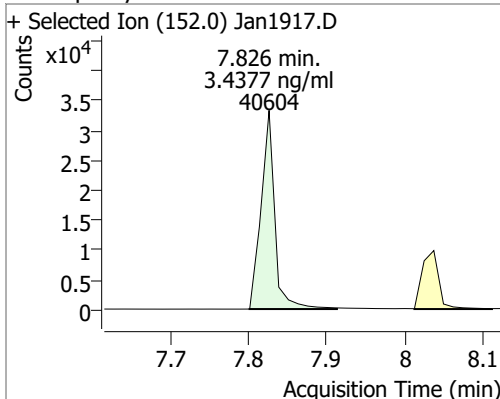
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	3.2616	6.89	-0.01	22910	142.0	113.3	79.2	147.1
					115.0	63.6	47.5	88.2



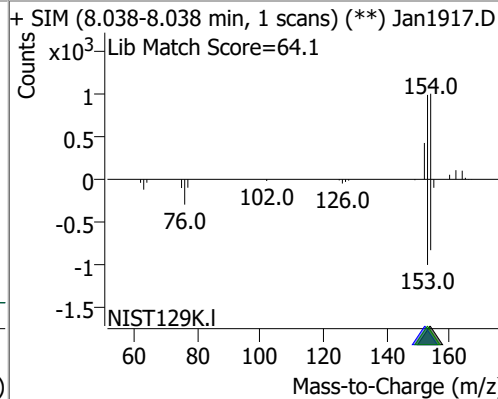
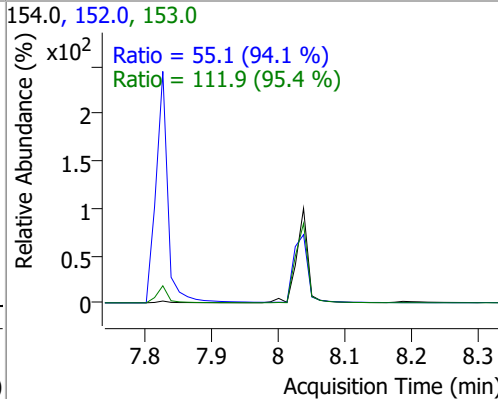
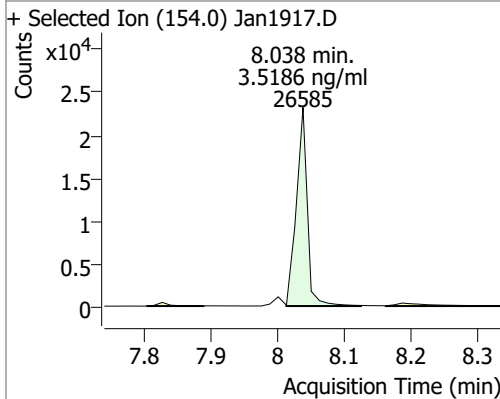
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	61.1195	7.25	-0.01	566214	171.0	37.0	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	3.4377	7.83	0.00	40604	153.0	12.7	9.0	16.6

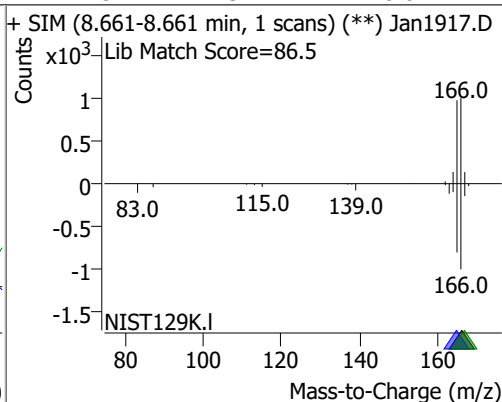
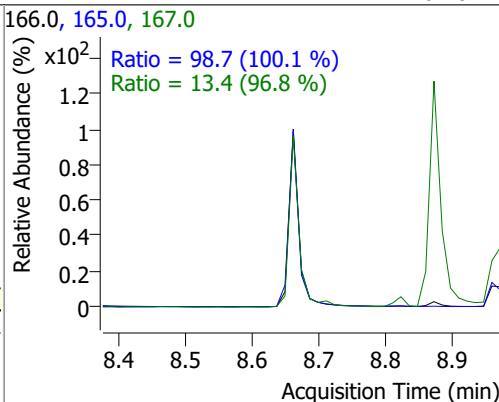
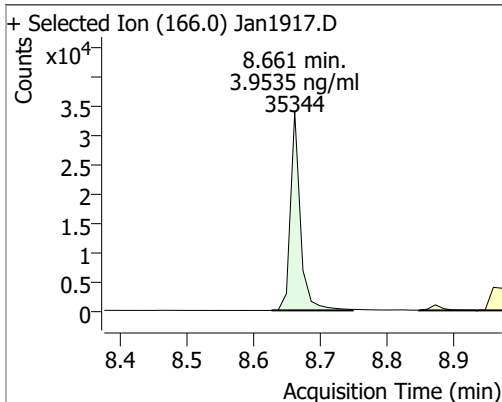


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	3.5186	8.04	0.00	26585	153.0	111.9	82.1	152.6
					152.0	55.1	41.0	76.1

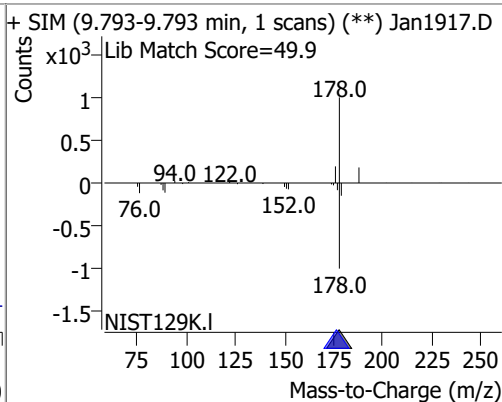
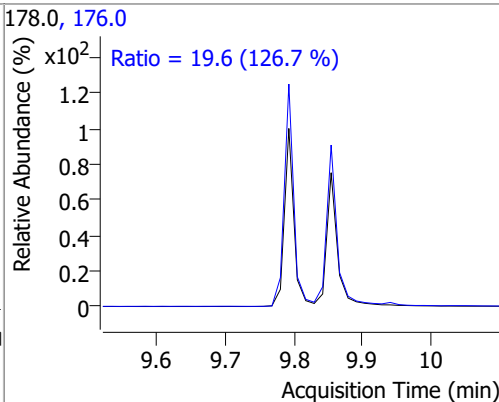
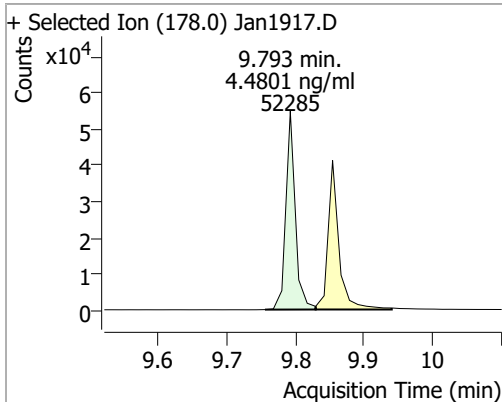


# Quantitation Results Report (QT Reviewed)

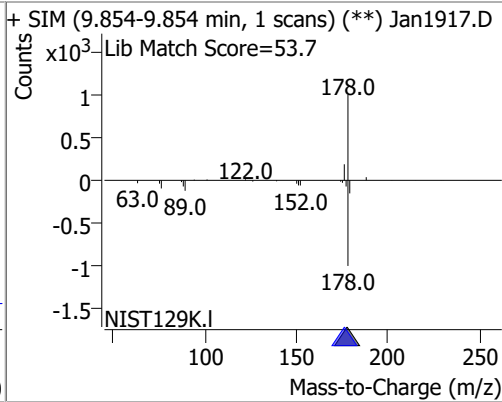
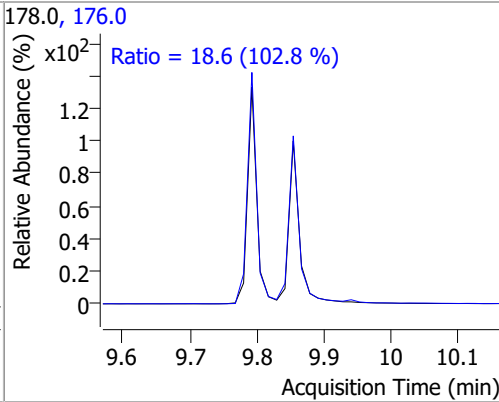
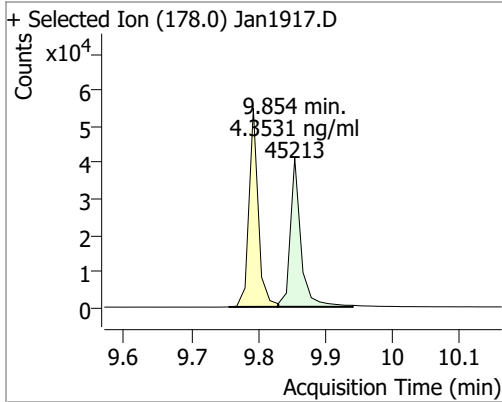
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.9535	8.66	-0.01	35344	165.0	98.7	69.1	128.3
					167.0	13.4	9.7	18.0



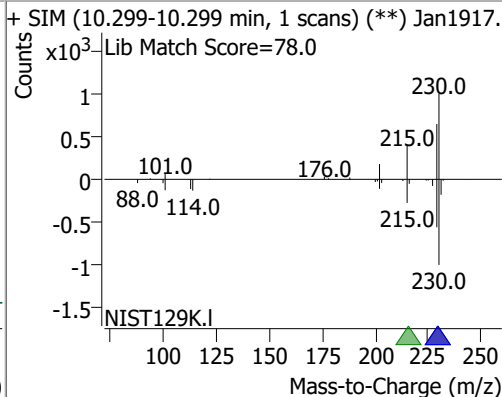
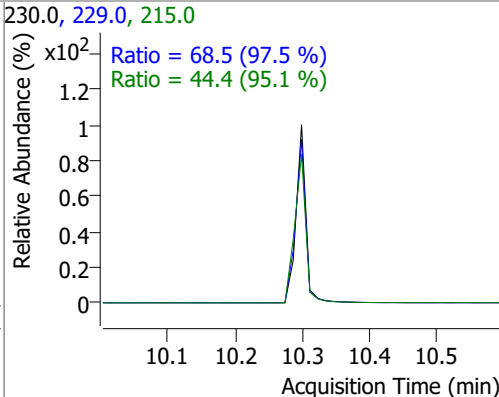
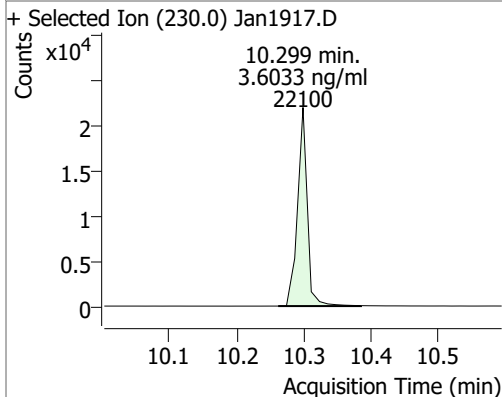
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.4801	9.79	-0.01	52285	176.0	19.6	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.3531	9.85	-0.01	45213	176.0	18.6	12.7	23.5

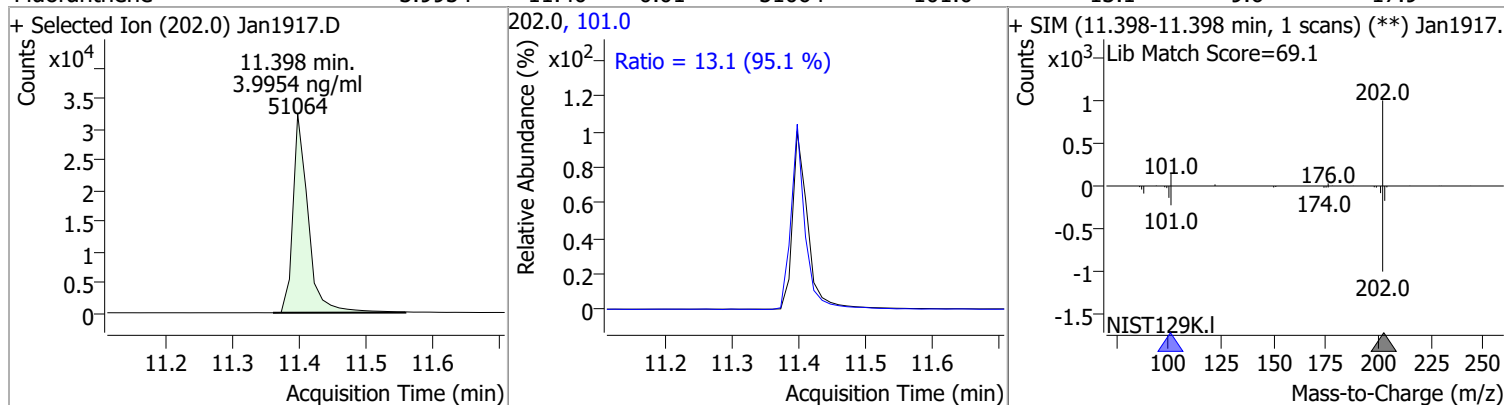


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	3.6033	10.30	0.00	22100	229.0	68.5	49.2	91.3
					215.0	44.4	32.7	60.7

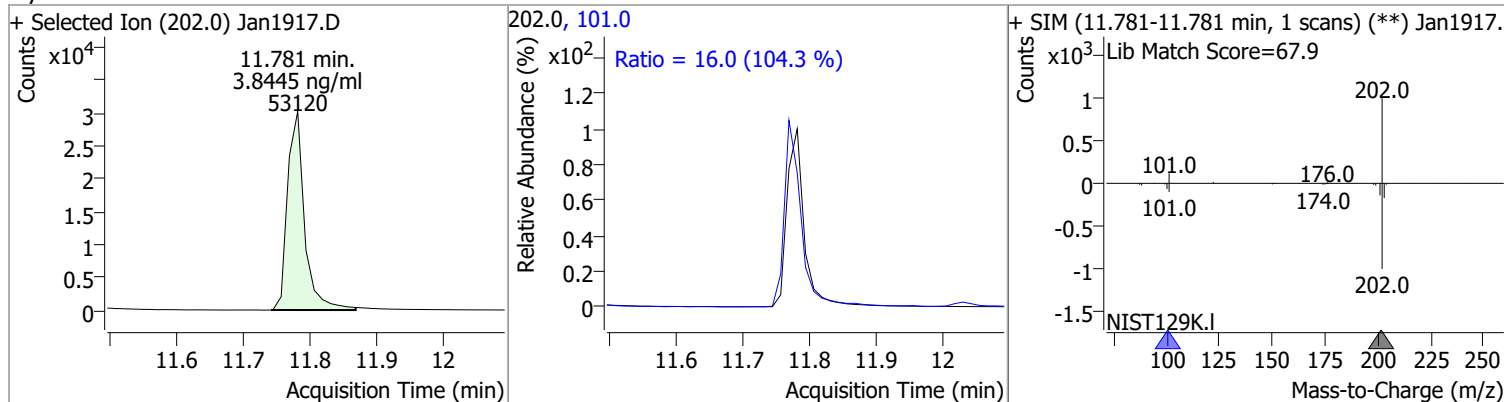


# Quantitation Results Report (QT Reviewed)

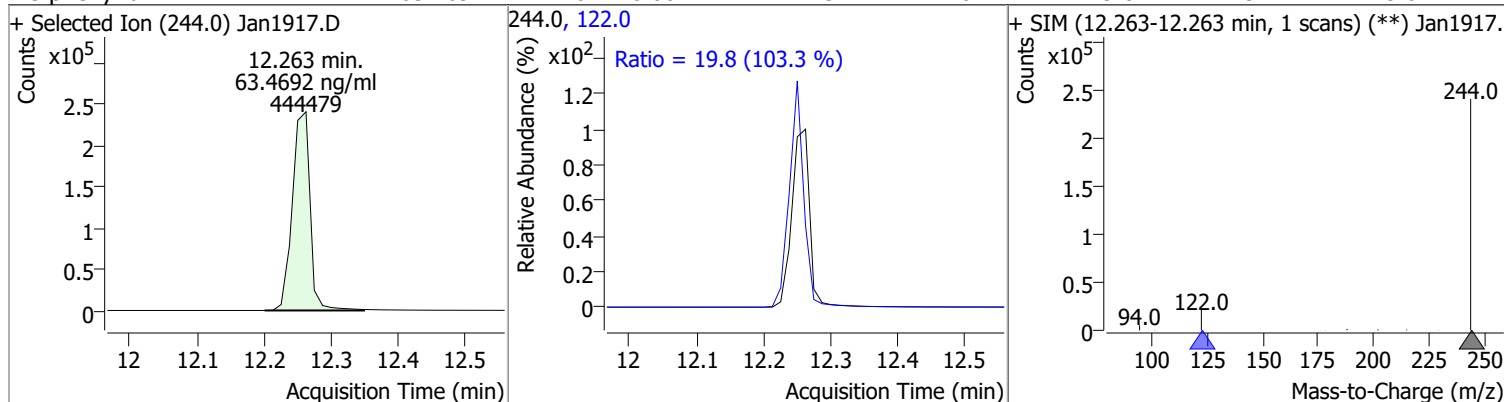
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	3.9954	11.40	-0.01	51064	101.0	13.1	9.6	17.9



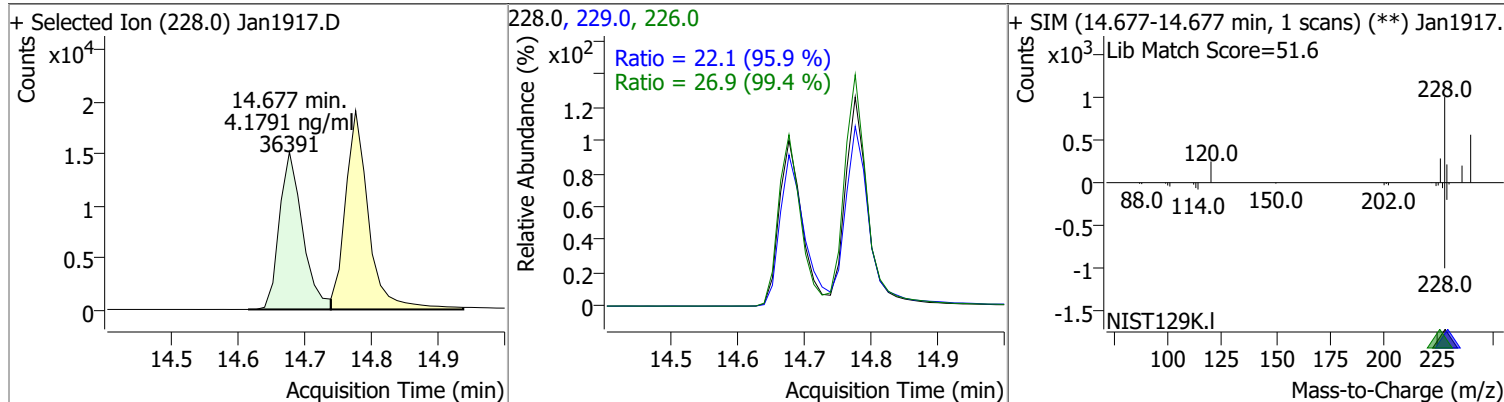
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	3.8445	11.78	-0.01	53120	101.0	16.0	10.7	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	63.4692	12.26	0.00	444479	122.0	19.8	13.4	25.0



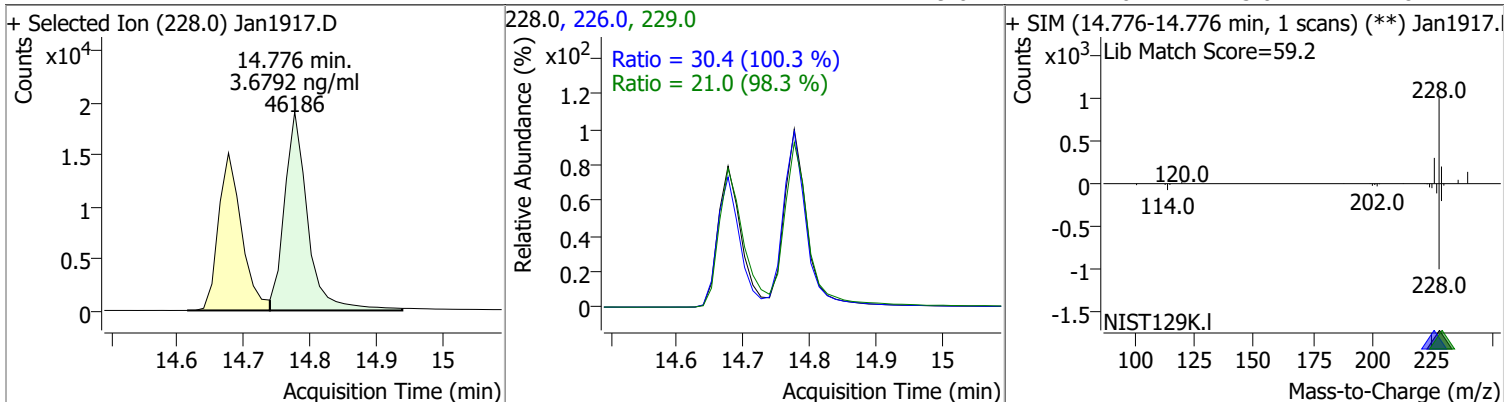
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	4.1791	14.68	-0.02	36391	226.0	26.9	18.9	35.1
					229.0	22.1	16.1	29.9



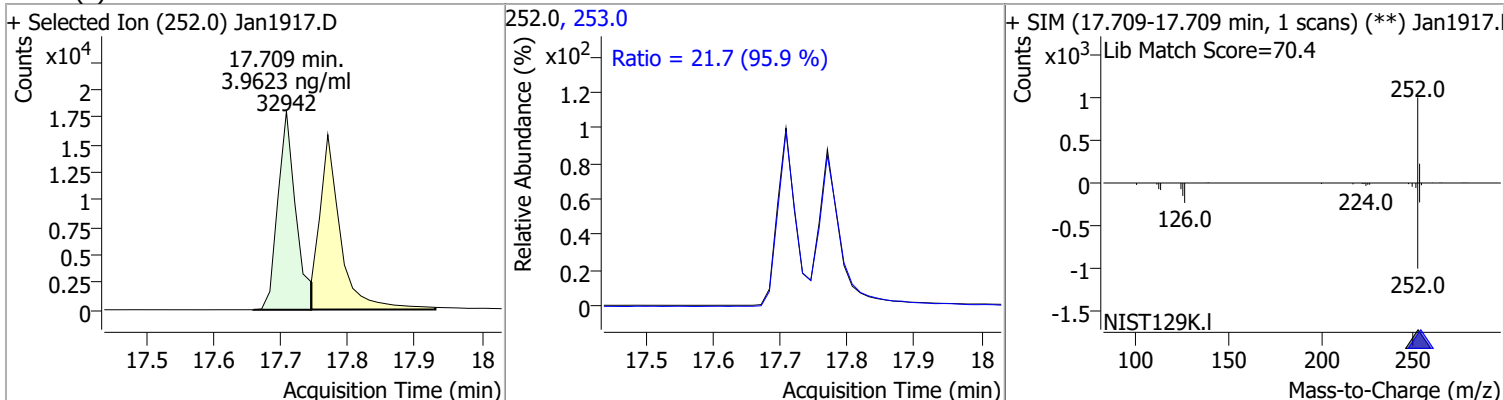


# Quantitation Results Report (QT Reviewed)

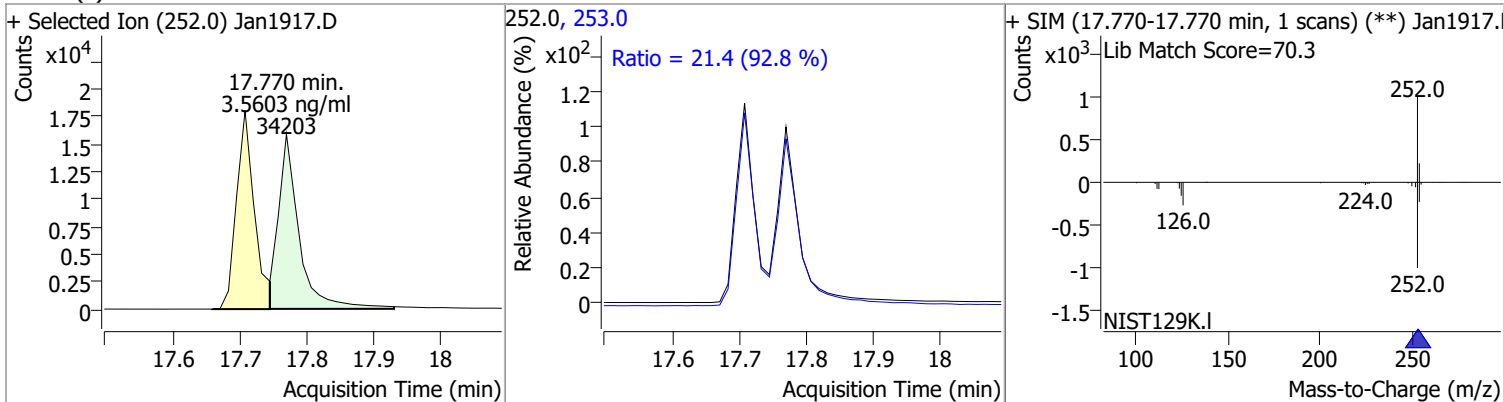
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	3.6792	14.78	-0.01	46186	226.0	30.4	21.2	39.4
					229.0	21.0	15.0	27.8



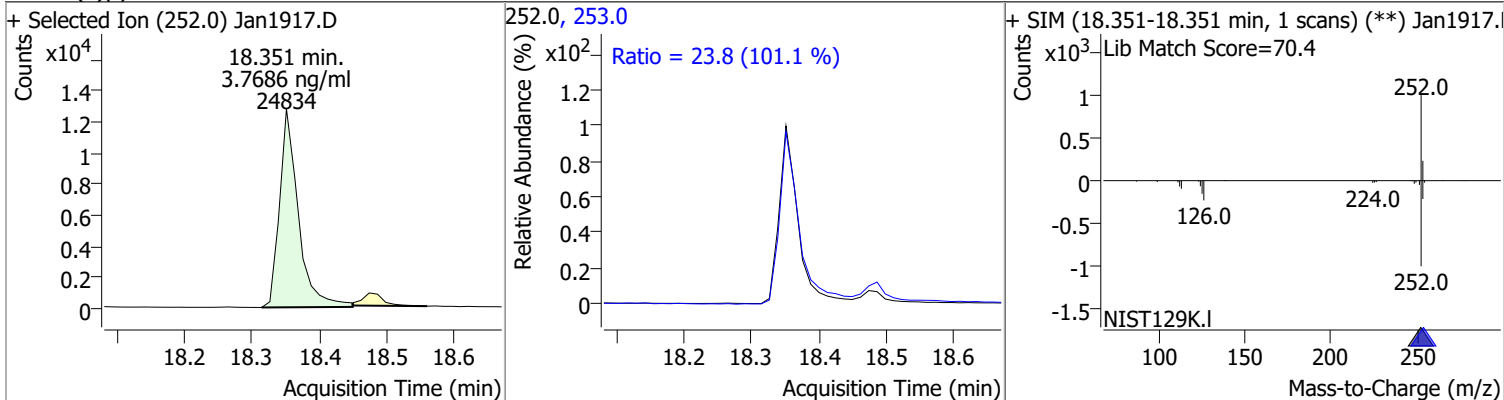
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	3.9623	17.71	-0.02	32942	253.0	21.7	15.8	29.4



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	3.5603	17.77	-0.02	34203	253.0	21.4	16.1	29.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	3.7686	18.35	-0.02	24834	253.0	23.8	16.5	30.6



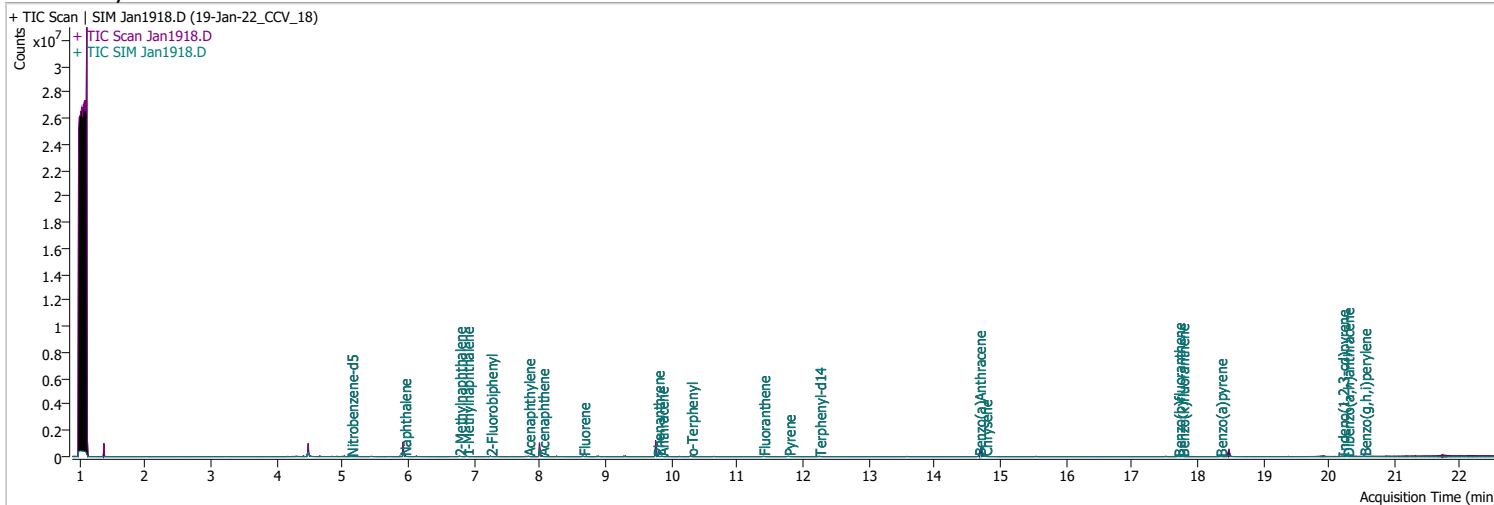
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	3.7884	20.20	-0.02	23950	138.0	26.6	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1917.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 26.6 (91.9 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan1917.D</p> <p>Lib Match Score=78.2</p> </div> </div>								
Dibenzo(a,h)anthracene	3.8523	20.28	-0.02	28399	279.0	25.2	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan1917.D</p> </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 25.2 (100.1 %)</p> <p>Ratio = 22.5 (93.3 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.279-20.279 min, 1 scans) (**) Jan1917.D</p> <p>Lib Match Score=77.6</p> </div> </div>								
Benzo(g,h,i)perylene	3.7106	20.54	-0.02	33497	138.0	28.0	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1917.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 28.0 (99.9 %)</p> <p>Ratio = 24.8 (106.8 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan1917.D</p> <p>Lib Match Score=78.2</p> </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan1918.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/19/2022 7:48:54 PM
Sample Name	19-Jan-22_CCV_18	Instrument	GCMS
Vial	18	Multiplier	1.00
DA Method File	011822 bna SIM1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011922 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.484	152.0	170275	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.928	136.0	326780	40.0000	ng/ml	-0.012
M Acenaphthene-d10	8.001	164.0	182098	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	358059	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	247600	40.0000	ng/ml	-0.012
M Perylene-d12	18.475	264.0	168208	40.0000	ng/ml	-0.025
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.131	82.0	7649	2.3106	ng/ml	-0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 46.21%		
S 2-Fluorobiphenyl	7.252	172.0	16747	1.9133	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 38.27%		
S o-Terphenyl	10.299	230.0	11070	1.8996	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 37.99%		*
S Terphenyl-d14	12.251	244.0	9725	2.1337	ng/ml	-0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 42.67%		
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	20150	1.7823	ng/ml	97
T 2-Methylnaphthalene	6.777	141.0	12248	1.9409	ng/ml	98
T 1-Methylnaphthalene	6.890	141.0	12505	1.8789	ng/ml	96
T Acenaphthylene	7.826	152.0	19459	1.7437	ng/ml	99
T Acenaphthene	8.038	154.0	11935	1.6719	ng/ml	94
T Fluorene	8.661	166.0	15804	1.8710	ng/ml	99
T Phenanthrene	9.793	178.0	22303	2.0183	ng/ml	92
T Anthracene	9.854	178.0	20060	2.0778	ng/ml	99
T Fluoranthene	11.398	202.0	23263	1.9156	ng/ml	100
T Pyrene	11.781	202.0	24980	2.0027	ng/ml	98
T Benzo(a)Anthracene	14.677	228.0	16633	2.1144	ng/ml	99
T Chrysene	14.776	228.0	22465	1.9824	ng/ml	97
T Benzo(b)fluoranthene	17.709	252.0	15283	2.0167	ng/ml	98

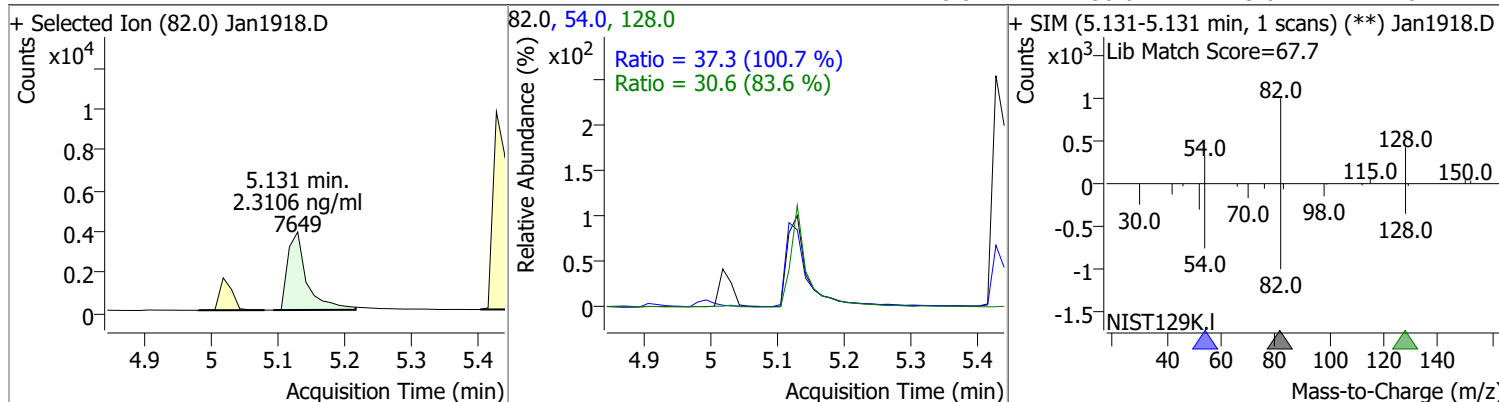
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	17455	2.0172	ng/ml	96
T Benzo(a)pyrene	18.351	252.0	12471	2.1559	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.204	276.0	12022	2.1747	ng/ml	98
T Dibenzo(a,h)anthracene	20.279	278.0	12994	1.9337	ng/ml	99
T Benzo(g,h,i)perylene	20.538	276.0	17454	2.1743	ng/ml	97

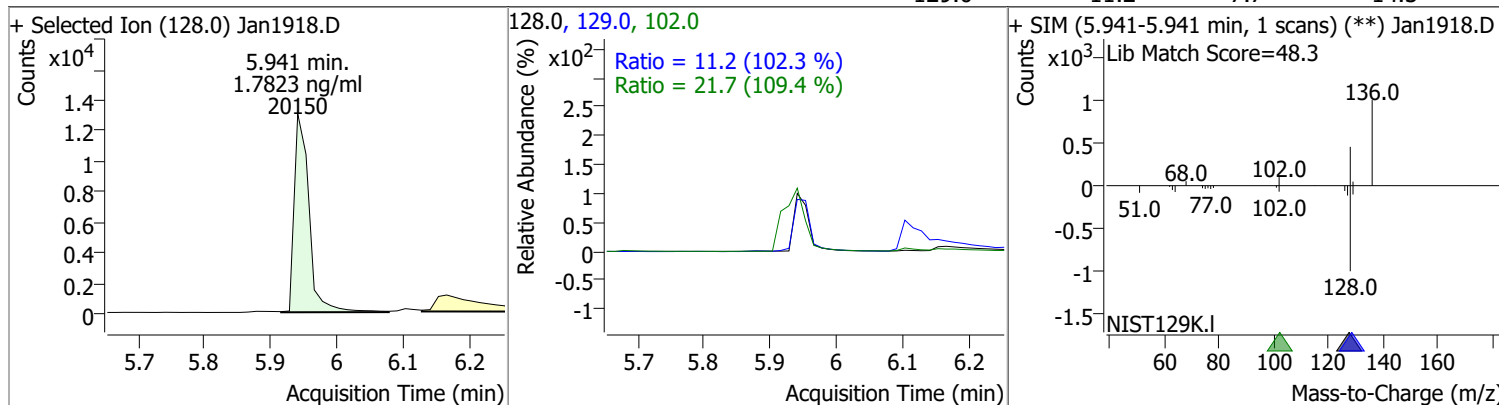
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

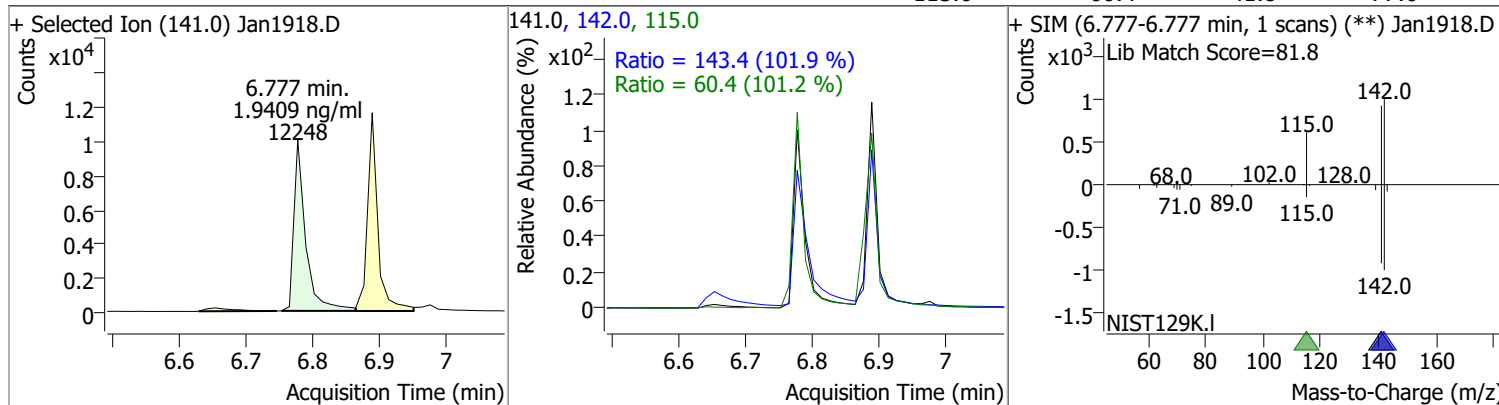
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	2.3106	5.13	-0.01	7649	54.0 128.0	37.3 30.6	25.9 25.6	48.1 47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	1.7823	5.94	-0.01	20150	102.0 129.0	21.7 11.2	0.0 7.7	59.6 14.3

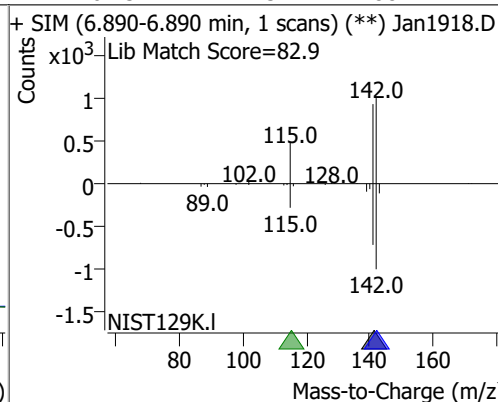
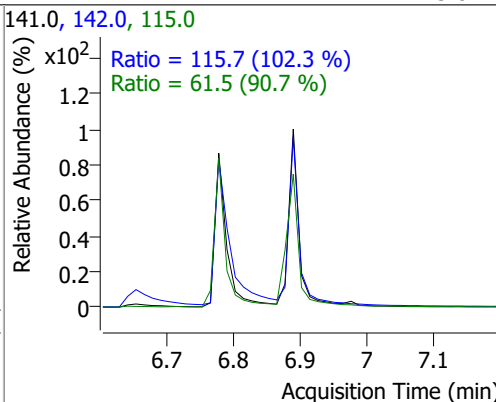
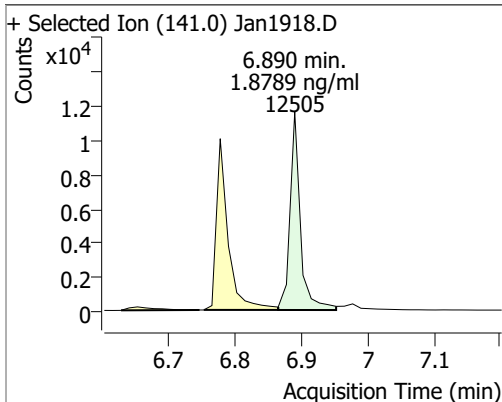


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	1.9409	6.78	-0.01	12248	142.0 115.0	143.4 60.4	98.5 41.8	183.0 77.6

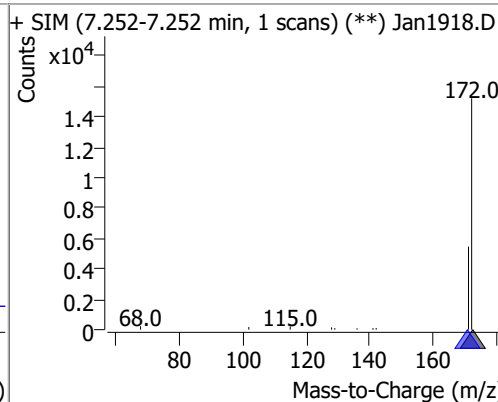
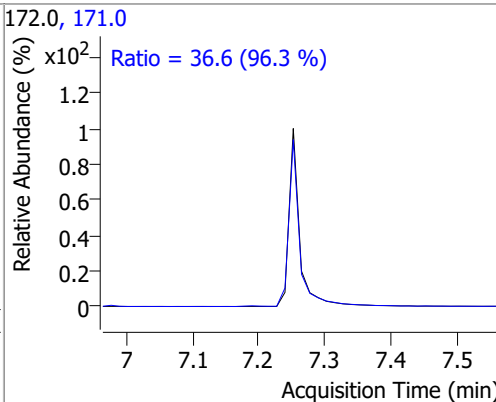
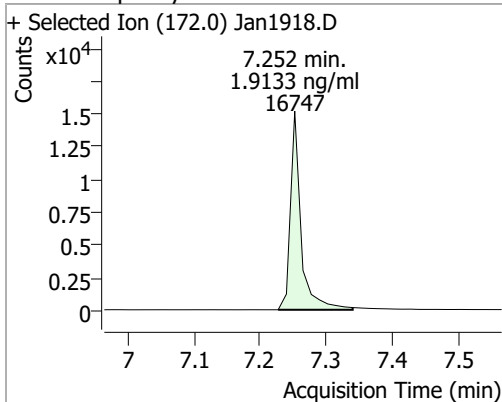


# Quantitation Results Report (QT Reviewed)

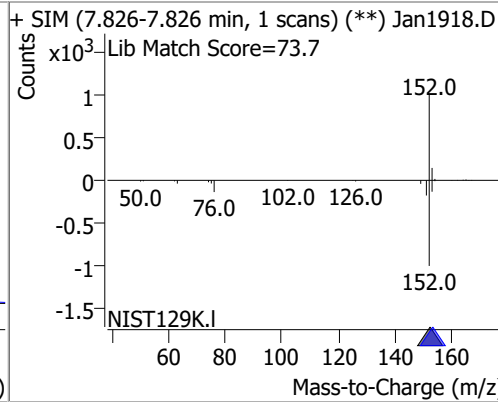
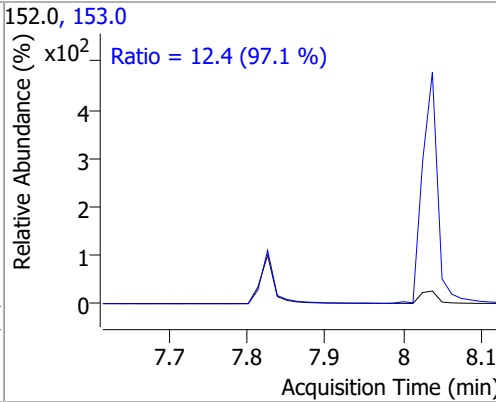
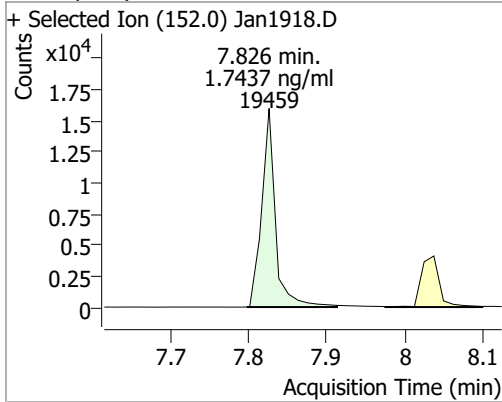
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	1.8789	6.89	-0.01	12505	142.0	115.7	79.2	147.1
					115.0	61.5	47.5	88.2



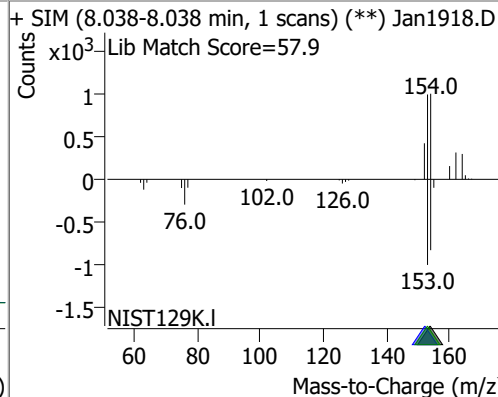
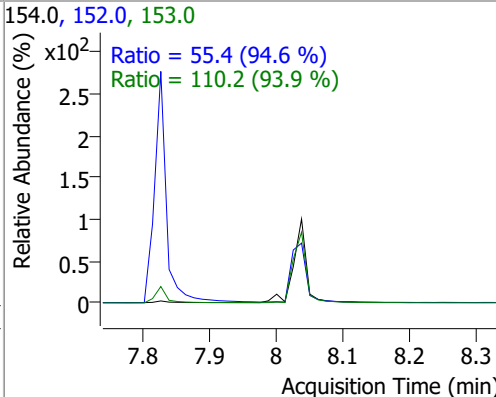
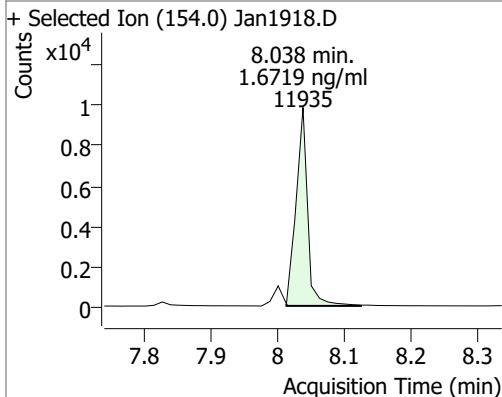
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	1.9133	7.25	-0.01	16747	171.0	36.6	26.6	49.5



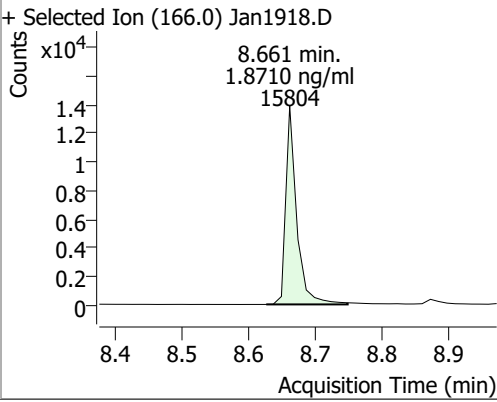
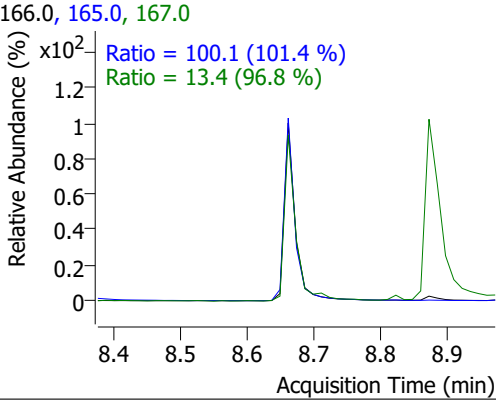
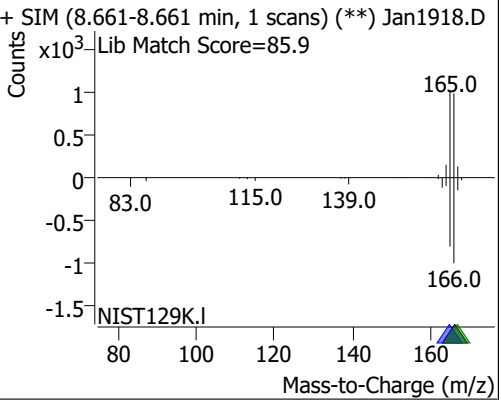
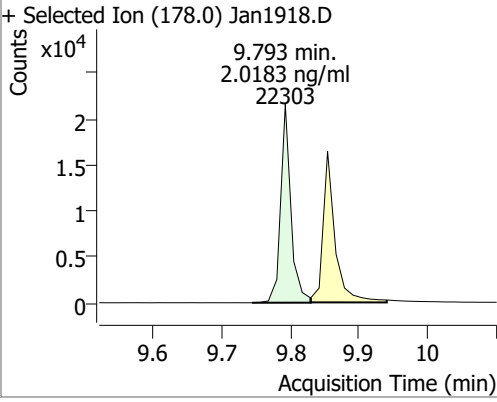
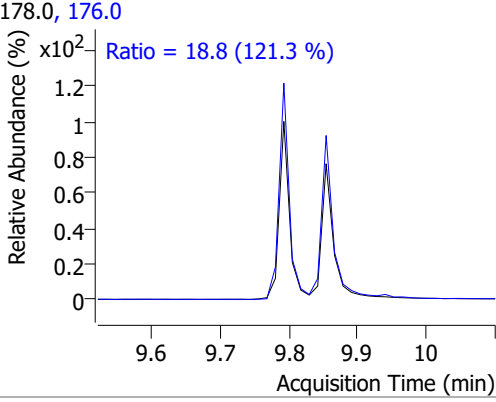
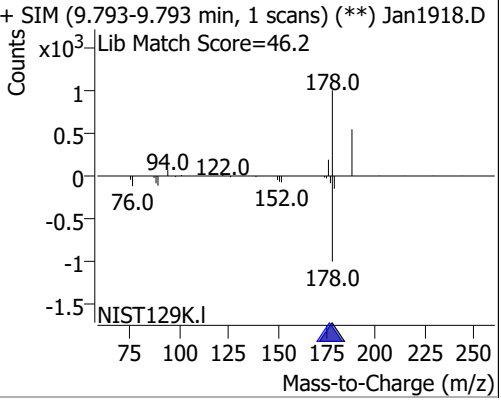
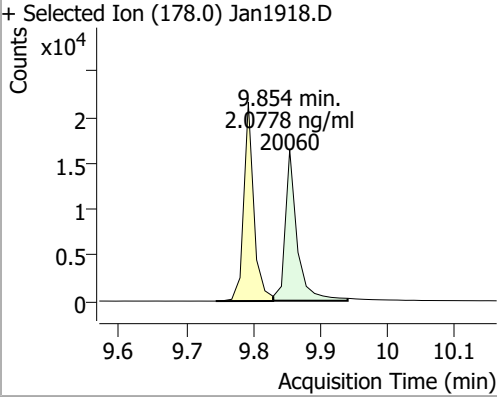
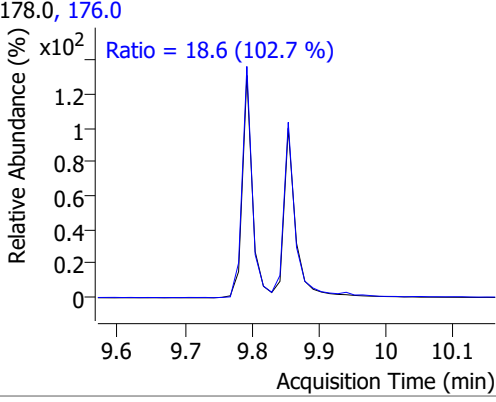
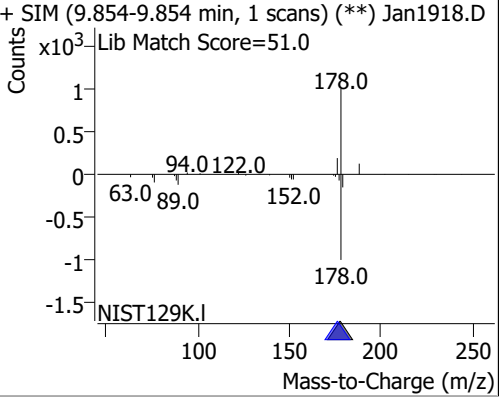
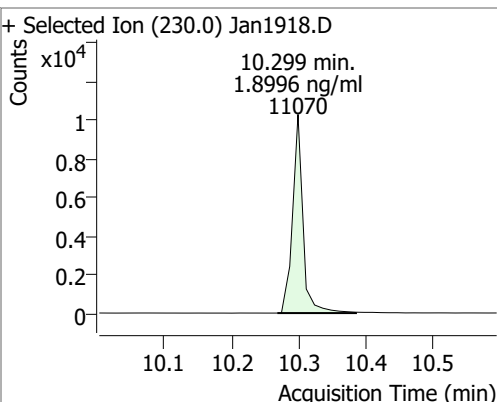
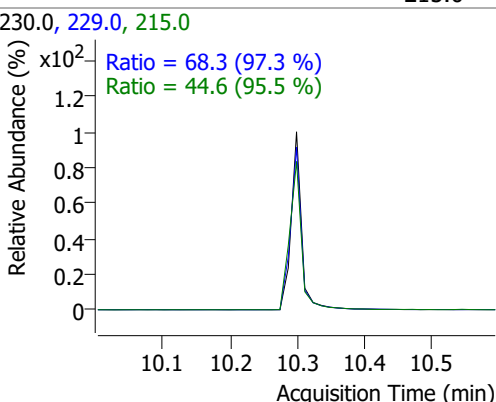
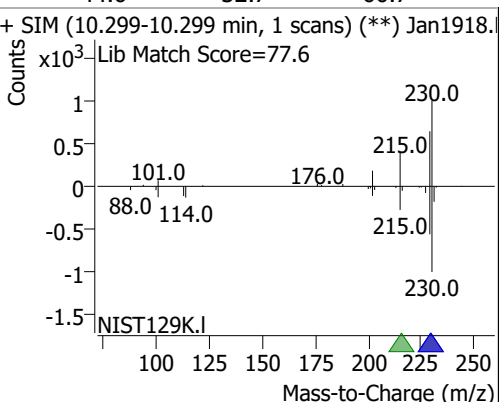
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	1.7437	7.83	0.00	19459	153.0	12.4	9.0	16.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	1.6719	8.04	0.00	11935	153.0	110.2	82.1	152.6
					152.0	55.4	41.0	76.1

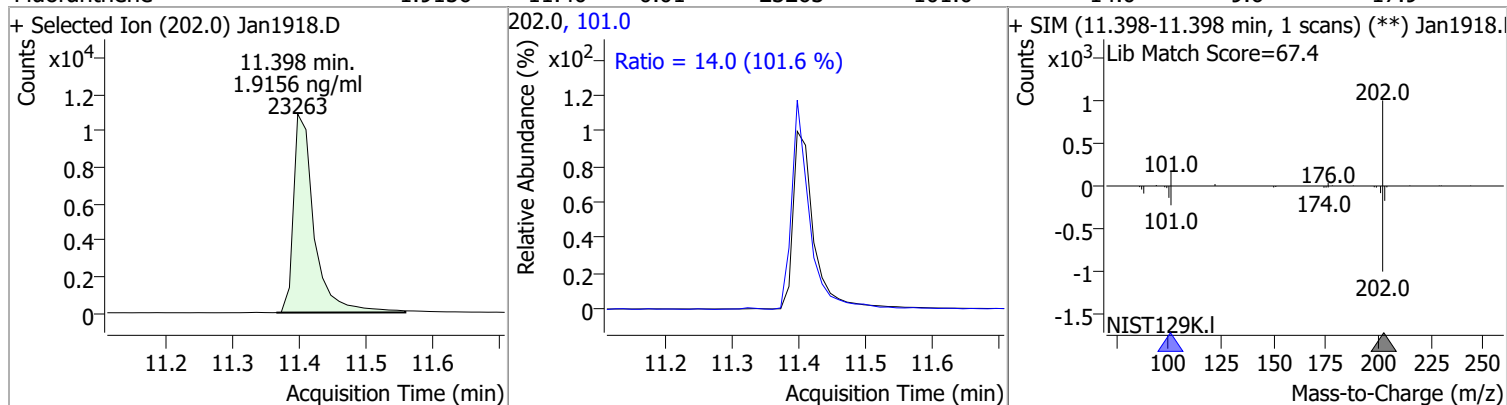


# Quantitation Results Report (QT Reviewed)

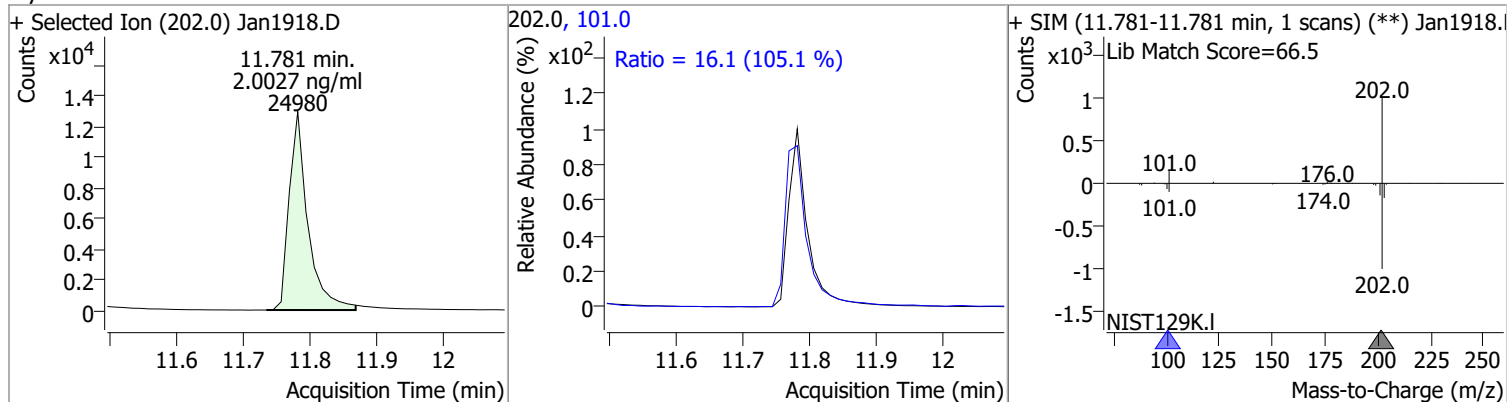
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	1.8710	8.66	-0.01	15804	165.0 167.0	100.1 13.4	69.1 9.7	128.3 18.0
+ Selected Ion (166.0) Jan1918.D 			166.0, 165.0, 167.0 			+ SIM (8.661-8.661 min, 1 scans) (**) Jan1918.D Lib Match Score=85.9 		
Phenanthrene	2.0183	9.79	-0.01	22303	176.0	18.8	10.8	20.1
+ Selected Ion (178.0) Jan1918.D 			178.0, 176.0 			+ SIM (9.793-9.793 min, 1 scans) (**) Jan1918.D Lib Match Score=46.2 		
Anthracene	2.0778	9.85	-0.01	20060	176.0	18.6	12.7	23.5
+ Selected Ion (178.0) Jan1918.D 			178.0, 176.0 			+ SIM (9.854-9.854 min, 1 scans) (**) Jan1918.D Lib Match Score=51.0 		
o-Terphenyl	1.8996	10.30	0.00	11070	229.0 215.0	68.3 44.6	49.2 32.7	91.3 60.7
+ Selected Ion (230.0) Jan1918.D 			230.0, 229.0, 215.0 			+ SIM (10.299-10.299 min, 1 scans) (**) Jan1918.D Lib Match Score=77.6 		

# Quantitation Results Report (QT Reviewed)

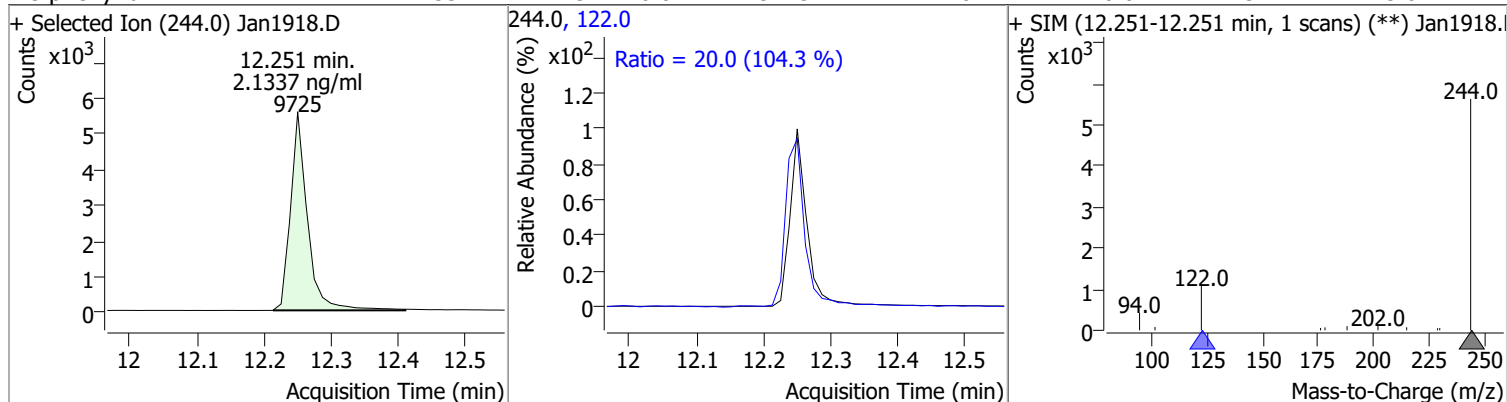
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	1.9156	11.40	-0.01	23263	101.0	14.0	9.6	17.9



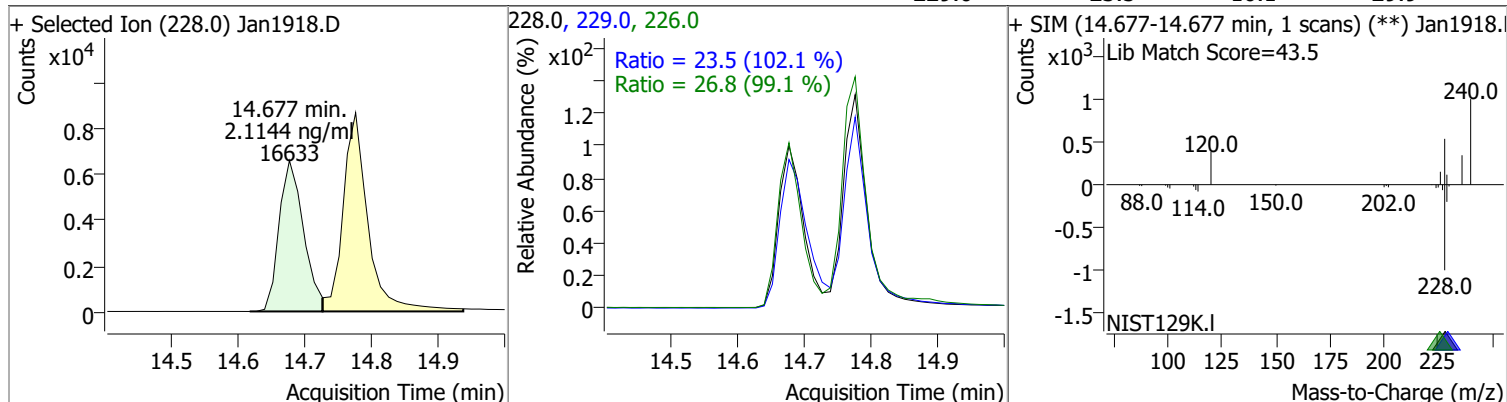
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	2.0027	11.78	-0.01	24980	101.0	16.1	10.7	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	2.1337	12.25	-0.01	9725	122.0	20.0	13.4	25.0



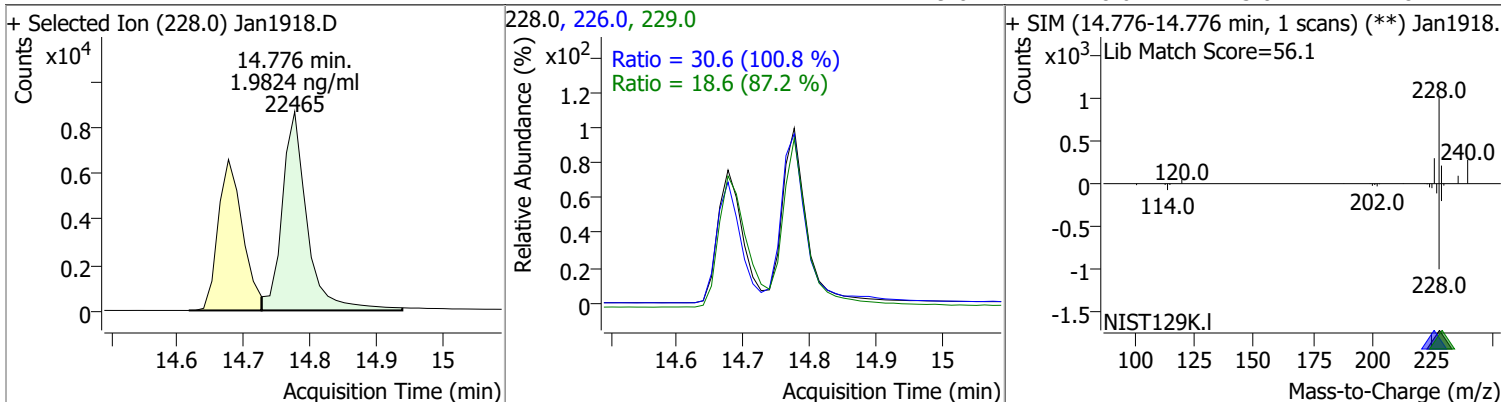
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	2.1144	14.68	-0.02	16633	226.0	26.8	18.9	35.1
					229.0	23.5	16.1	29.9



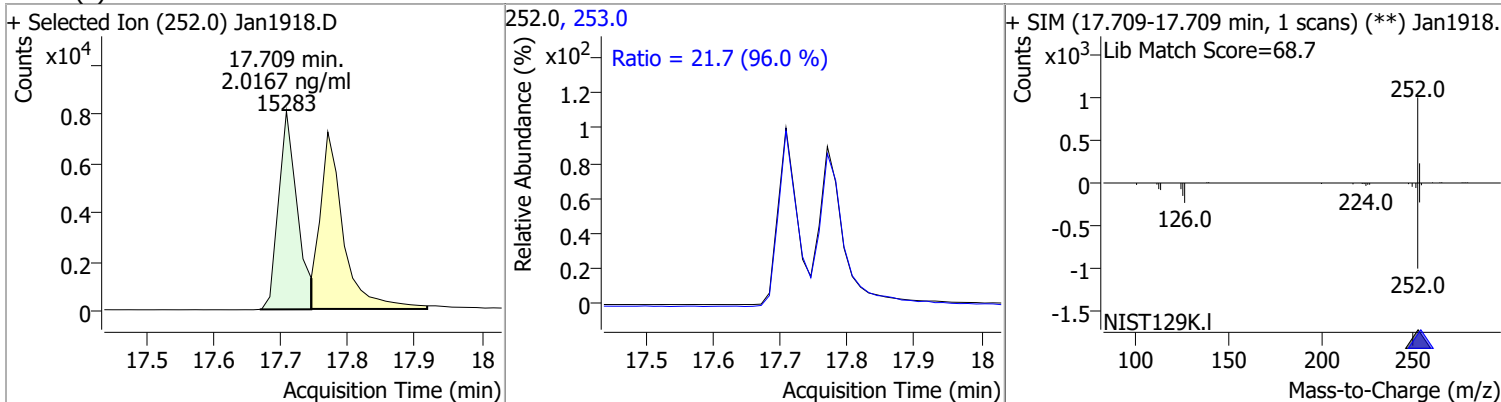


# Quantitation Results Report (QT Reviewed)

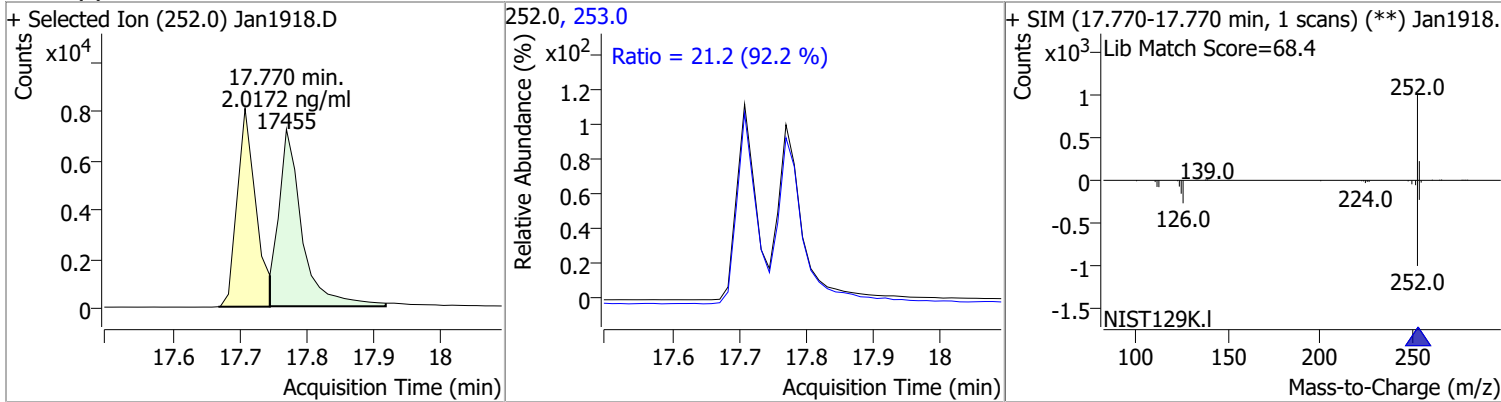
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	1.9824	14.78	-0.01	22465	226.0	30.6	21.2	39.4
					229.0	18.6	15.0	27.8



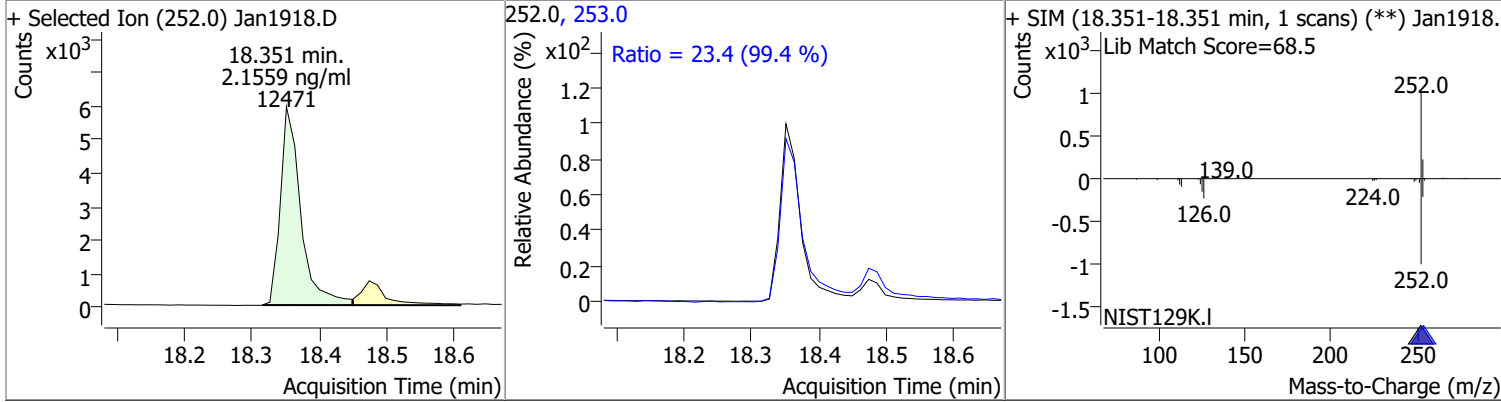
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	2.0167	17.71	-0.02	15283	253.0	21.7	15.8	29.4



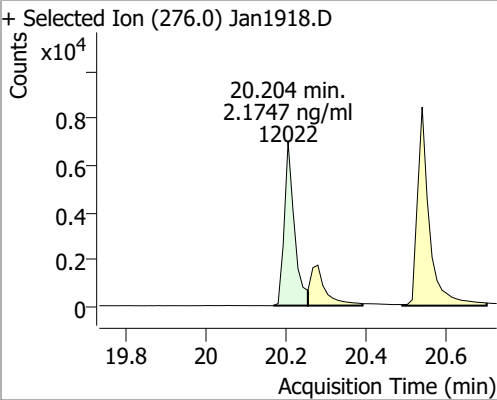
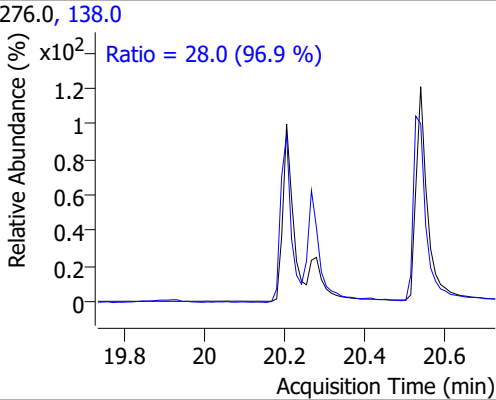
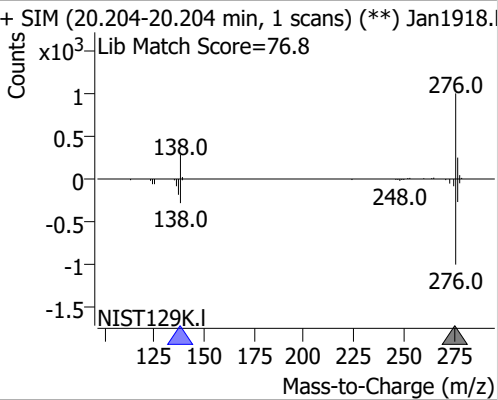
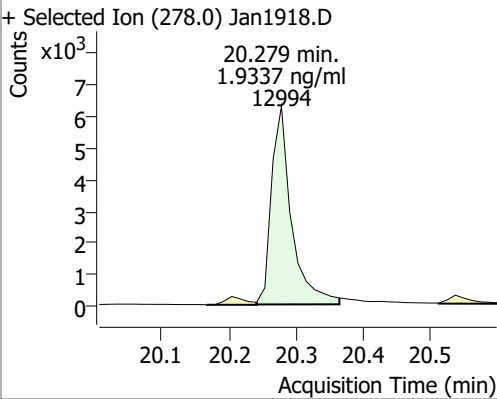
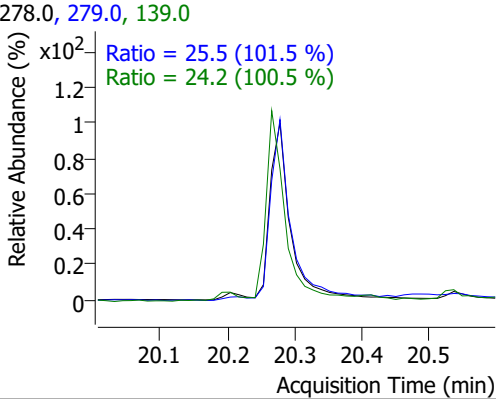
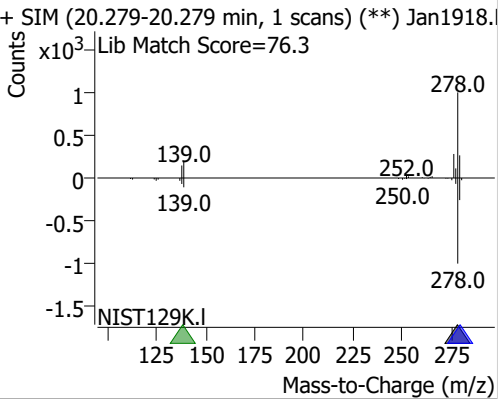
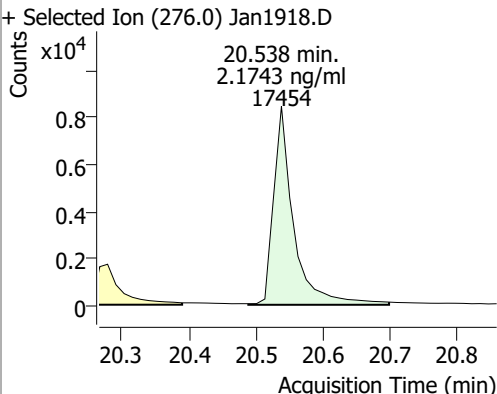
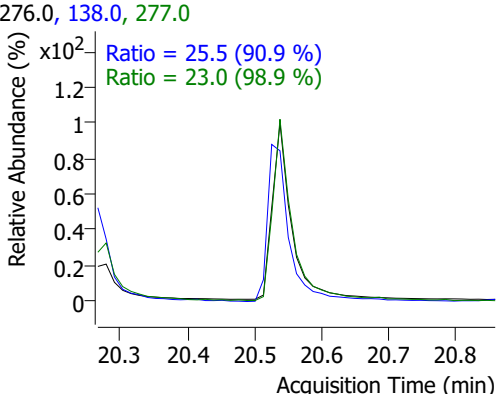
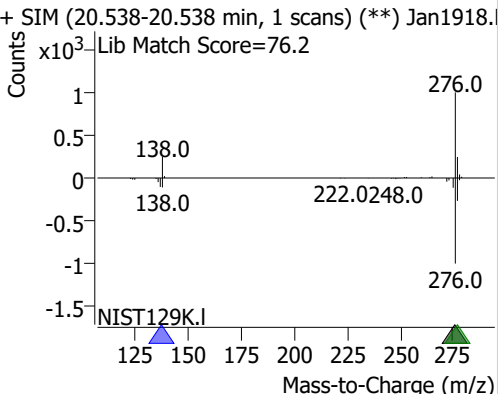
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	2.0172	17.77	-0.02	17455	253.0	21.2	16.1	29.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	2.1559	18.35	-0.02	12471	253.0	23.4	16.5	30.6



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	2.1747	20.20	-0.02	12022	138.0	28.0	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1918.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 28.0 (96.9 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan1918.D</p> <p>Lib Match Score=76.8</p>  </div> </div>								
Dibenzo(a,h)anthracene	1.9337	20.28	-0.02	12994	279.0	25.5	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan1918.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 25.5 (101.5 %)</p> <p>Ratio = 24.2 (100.5 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.279-20.279 min, 1 scans) (**) Jan1918.D</p> <p>Lib Match Score=76.3</p>  </div> </div>								
Benzo(g,h,i)perylene	2.1743	20.54	-0.02	17454	138.0	25.5	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan1918.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 25.5 (90.9 %)</p> <p>Ratio = 23.0 (98.9 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan1918.D</p> <p>Lib Match Score=76.2</p>  </div> </div>								

# Continuing Calibration Report

**Batch Name** \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\QuantResults\011922 bna SIM 1.batch.bin  
**Method File** \\MASSHUNTER\Org\Data\SV5975.I\sh011822\1 e8270c bna SIM\011822 bna SIM1.batch.bin  
**Daily CC** \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIMJan1902.D

Level name	Injection Time	Calibration Files
7	1/14/2022 4:42:22 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D
6	1/14/2022 5:14:49 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D
5	1/14/2022 5:47:16 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D
4	1/14/2022 6:19:44 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D
3	1/14/2022 6:52:13 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D
2	1/14/2022 7:24:38 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D
1	1/14/2022 7:57:03 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D
CCV	1/19/2022 11:11:38 AM	\\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\Jan1902.D <=====

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
1,4-Dichlorobenzene-d4	173591	173466	185492	106.93	M
Naphthalene-d8	313667	320346	375962	117.36	M
Acenaphthene-d10	169911	171827	198810	115.70	M
Phenanthrene-d10	347083	351005	397562	113.26	M
Chrysene-d12	256387	261208	281996	107.96	M
Perylene-d12	167073	172756	191153	110.65	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
1,4-Dichlorobenzene-d4	-----ISTD-----						
Nitrobenzene-d5	0.9999	0.8729	2.00	2.25	-12.60	120.86	Quadratic
Naphthalene-d8	-----ISTD-----						
Naphthalene	1.3839	1.1181	2.00	1.62	-19.20	99.82	Avg RF
2-Methylnaphthalene	0.7724	0.7082	2.00	1.83	-8.31	108.34	Avg RF
1-Methylnaphthalene	0.8146	0.7409	2.00	1.82	-9.05	115.30	Avg RF
Acenaphthene-d10	-----ISTD-----						
2-Fluorobiphenyl	1.9227	1.8435	2.00	1.92	-4.12	115.81	Avg RF
Acenaphthylene	2.4514	2.0700	2.00	1.69	-15.56	102.86	Avg RF
Acenaphthene	1.5681	1.3429	2.00	1.71	-14.36	103.46	Avg RF
Fluorene	1.8554	1.7018	2.00	1.83	-8.28	110.21	Avg RF
Phenanthrene-d10	-----ISTD-----						
Phenanthrene	0.9999	1.2358	2.00	2.00	-0.10	110.58	Quadratic
Anthracene	0.9999	1.1173	2.00	2.07	-3.60	115.08	Quadratic
o-Terphenyl	0.6510	0.6189	2.00	1.90	-4.93	110.02	Avg RF
Fluoranthene	1.3566	1.2218	2.00	1.80	-9.94	106.62	Avg RF
Chrysene-d12	-----ISTD-----						
Pyrene	2.0151	1.9776	2.00	1.96	-1.86	106.84	Avg RF
Terphenyl-d14	0.9999	0.7571	2.00	2.06	-2.81	108.25	Quadratic
Benzo(a)Anthracene	0.9998	1.3174	2.00	2.07	-3.58	109.21	Quadratic
Chrysene	1.8307	1.6779	2.00	1.83	-8.35	103.70	Avg RF
Perylene-d12	-----ISTD-----						
Benzo(b)fluoranthene	1.8021	1.6528	2.00	1.83	-8.29	100.37	Avg RF
Benzo(k)fluoranthene	0.9995	2.0204	2.00	1.96	1.78	108.40	Quadratic
Benzo(a)pyrene	0.9999	1.4393	2.00	2.10	-4.77	115.12	Quadratic
Indeno(1,2,3-cd)pyrene	0.9998	1.2903	2.00	1.97	1.34	105.95	Quadratic
Dibenzo(a,h)anthracene	1.5980	1.4298	2.00	1.79	-10.52	108.73	Avg RF
Benzo(g,h,i)perylene	0.9998	1.8354	2.00	1.93	3.54	105.19	Quadratic

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

# Continuing Calibration Report

**Batch Name** \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\QuantResults\011922 bna SIM 1.batch.bin  
**Method File** \\MASSHUNTER\Org\Data\SV5975.I\sh011822\1 e8270c bna SIM\011822 bna SIM1.batch.bin  
**Daily CC** \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIMJan1918.D

Level name	Injection Time	Calibration Files
7	1/14/2022 4:42:22 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D
6	1/14/2022 5:14:49 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D
5	1/14/2022 5:47:16 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D
4	1/14/2022 6:19:44 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D
3	1/14/2022 6:52:13 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D
2	1/14/2022 7:24:38 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D
1	1/14/2022 7:57:03 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D
CCV	1/19/2022 7:48:54 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\Jan1918.D <=====

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
1,4-Dichlorobenzene-d4	173591	173466	185492	106.93	M
Naphthalene-d8	313667	320346	375962	117.36	M
Acenaphthene-d10	169911	171827	198810	115.70	M
Phenanthrene-d10	347083	351005	397562	113.26	M
Chrysene-d12	256387	261208	281996	107.96	M
Perylene-d12	167073	172756	191153	110.65	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
1,4-Dichlorobenzene-d4	-----ISTD-----						
Nitrobenzene-d5	0.9999	0.8729	2.00	2.25	-12.60	120.86	Quadratic
Naphthalene-d8	-----ISTD-----						
Naphthalene	1.3839	1.1181	2.00	1.62	-19.20	99.82	Avg RF
2-Methylnaphthalene	0.7724	0.7082	2.00	1.83	-8.31	108.34	Avg RF
1-Methylnaphthalene	0.8146	0.7409	2.00	1.82	-9.05	115.30	Avg RF
Acenaphthene-d10	-----ISTD-----						
2-Fluorobiphenyl	1.9227	1.8435	2.00	1.92	-4.12	115.81	Avg RF
Acenaphthylene	2.4514	2.0700	2.00	1.69	-15.56	102.86	Avg RF
Acenaphthene	1.5681	1.3429	2.00	1.71	-14.36	103.46	Avg RF
Fluorene	1.8554	1.7018	2.00	1.83	-8.28	110.21	Avg RF
Phenanthrene-d10	-----ISTD-----						
Phenanthrene	0.9999	1.2358	2.00	2.00	-0.10	110.58	Quadratic
Anthracene	0.9999	1.1173	2.00	2.07	-3.60	115.08	Quadratic
o-Terphenyl	0.6510	0.6189	2.00	1.90	-4.93	110.02	Avg RF
Fluoranthene	1.3566	1.2218	2.00	1.80	-9.94	106.62	Avg RF
Chrysene-d12	-----ISTD-----						
Pyrene	2.0151	1.9776	2.00	1.96	-1.86	106.84	Avg RF
Terphenyl-d14	0.9999	0.7571	2.00	2.06	-2.81	108.25	Quadratic
Benzo(a)Anthracene	0.9998	1.3174	2.00	2.07	-3.58	109.21	Quadratic
Chrysene	1.8307	1.6779	2.00	1.83	-8.35	103.70	Avg RF
Perylene-d12	-----ISTD-----						
Benzo(b)fluoranthene	1.8021	1.6528	2.00	1.83	-8.29	100.37	Avg RF
Benzo(k)fluoranthene	0.9995	2.0204	2.00	1.96	1.78	108.40	Quadratic
Benzo(a)pyrene	0.9999	1.4393	2.00	2.10	-4.77	115.12	Quadratic
Indeno(1,2,3-cd)pyrene	0.9998	1.2903	2.00	1.97	1.34	105.95	Quadratic
Dibenzo(a,h)anthracene	1.5980	1.4298	2.00	1.79	-10.52	108.73	Avg RF
Benzo(g,h,i)perylene	0.9998	1.8354	2.00	1.93	3.54	105.19	Quadratic

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

# Audit Trail report

**Batch name and path:** \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\QuantResults\011922 bna SIM 1.batch.bin  
**Quant batch version:** 10.0  
**Quant reporting version:** 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\jheine	1/19/2022 11:07:08 AM	Create new batch \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\011922 bna SIM 1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\jheine	1/19/2022 11:07:12 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\Jan1901.D			✓	
CmdSetSampleAttribute	BL2000\jheine	1/19/2022 11:07:15 AM	Set SampleType = TuneCheck for sample Jan1901.D; previous value = Sample			✓	
CmdImportSamplesFromWorklist	BL2000\jheine	1/19/2022 11:34:53 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\Jan1902.D			✓	
CmdSetSampleAttribute	BL2000\jheine	1/19/2022 11:34:56 AM	Set SampleType = CC for sample Jan1902.D; previous value = Sample			✓	
CmdStartMethodEditing	BL2000\jheine	1/19/2022 11:35:15 AM	Start method editing			✓	
CmdImportMethodFromBatch	BL2000\jheine	1/19/2022 11:35:16 AM	Import method from batch \\MASSHUNTER\Org\Data\SV5975.I\sh011822\1 e8270c bna SIM\011822 bna SIM1.batch.bin			✓	
CmdApplyMethodToAllSamples	BL2000\jheine	1/19/2022 11:35:37 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\jheine	1/19/2022 11:35:37 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\jheine	1/19/2022 11:35:37 AM	End method editing			✓	
CmdSetSampleAttribute	BL2000\jheine	1/19/2022 11:36:01 AM	Set LevelName = CCV for sample Jan1902.D; previous value =			✓	
CmdQuantitate	BL2000\jheine	1/19/2022 11:36:05 AM	Quantitate all compounds in sample Jan1902.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/19/2022 11:36:28 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1902.D, from x, y = 5.928, 2805 to 6.016, 2130, result = -7833; previous integration is from x, y = 5.891, 76 to 6.141, 76 and previous response = 7385.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/19/2022 11:36:29 AM	Snap baseline for qualifier 102.0 of compound Naphthalene in sample Jan1902.D from x = 5.928 to x = 6.016, new integration is from x, y = 5.928, 2716 to 6.016, 118 and new response = -2324; previous integration is from x, y = 5.928, 2805 to 6.016, 2130 and previous response = -7833.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/19/2022 11:36:30 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1902.D to y = 118, new integration is from x, y = 5.928, 118 to 6.016, 118 and new response = 4491; previous integration is from x, y = 5.928, 2716 to 6.016, 118 and previous response = -2324.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/19/2022 11:36:44 AM	Manually integrate qualifier 152.0 of compound Acenaphthene in sample Jan1902.D from x, y = 8.013, 1507 to 8.088, 2955; result = -2394			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/19/2022 11:36:46 AM	Snap baseline for qualifier 152.0 of compound Acenaphthene in sample Jan1902.D from x = 8.013 to x = 8.088, new integration is from x, y = 8.013, 124 to 8.088, 191 and new response = 6910; previous integration is from x, y = 8.013, 1507 to 8.088, 2955 and previous response = -2394.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/19/2022 11:36:46 AM	Drop baseline for qualifier 152.0 of compound Acenaphthene in sample Jan1902.D to y = 124, new integration is from x, y = 8.013, 124 to 8.088, 124 and new response = 7060; previous integration is from x, y = 8.013, 124 to 8.088, 191 and previous response = 6910.			✓	
CmdSaveBatchTable	BL2000\jheine	1/19/2022 11:37:20 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\QuantResults\011922 bna SIM 1.batch.bin			✓	
CmdOpenBatchTable	BL2000\jheine	1/20/2022 8:24:00 AM	Open batch \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\011922 bna SIM 1.batch.bin			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\jheine	1/20/2022 8:27:09 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh 011922\1 e8270c bna SIM\Jan1918.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011922\1 e8270c bna SIM\Jan1917.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011922\1 e8270c bna SIM\Jan1916.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011922\1 e8270c bna SIM\Jan1915.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011922\1 e8270c bna SIM\Jan1914.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011922\1 e8270c bna SIM\Jan1913.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011922\1 e8270c bna SIM\Jan1912.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011922\1 e8270c bna SIM\Jan1911.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011922\1 e8270c bna SIM\Jan1910.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011922\1 e8270c bna SIM\Jan1909.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011922\1 e8270c bna SIM\Jan1908.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011922\1 e8270c bna SIM\Jan1907.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011922\1 e8270c bna SIM\Jan1906.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011922\1 e8270c bna SIM\Jan1905.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011922\1 e8270c bna SIM\Jan1904.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 011922\1 e8270c bna SIM\Jan1903.D			✓	
CmdSetSampleAttribute	BL2000\jheine	1/20/2022 8:27:22 AM	Set SampleType = Blank for sample Jan1904.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/20/2022 8:27:25 AM	Set SampleType = Matrix for sample Jan1905.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/20/2022 8:27:28 AM	Set SampleType = MatrixDup for sample Jan1906.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/20/2022 8:27:33 AM	Set SampleType = Matrix for sample Jan1916.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/20/2022 8:27:37 AM	Set SampleType = MatrixDup for sample Jan1917.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/20/2022 8:27:39 AM	Set SampleType = CC for sample Jan1918.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/20/2022 8:27:42 AM	Set LevelName = CCV for sample Jan1918.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/20/2022 8:27:51 AM	Set MatrixSpikeGroup = B22010759-001C for sample Jan1915.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/20/2022 8:27:53 AM	Set MatrixSpikeGroup = B22010759-001C for sample Jan1916.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\jheine	1/20/2022 8:27:54 AM	Set MatrixSpikeGroup = B22010759-001C for sample Jan1917.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/20/2022 8:28:01 AM	Set SampleInformation = MatrixA for sample Jan1916.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/20/2022 8:28:04 AM	Set SampleInformation = MatrixA for sample Jan1917.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/20/2022 8:28:17 AM	Set SampleInformation = MatrixA for sample Jan1905.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/20/2022 8:28:19 AM	Set SampleInformation = MatrixA for sample Jan1906.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/20/2022 8:28:25 AM	Set MatrixSpikeGroup = MB-162956 for sample Jan1904.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/20/2022 8:28:27 AM	Set MatrixSpikeGroup = MB-162956 for sample Jan1905.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/20/2022 8:28:28 AM	Set MatrixSpikeGroup = MB-162956 for sample Jan1906.D; previous value =			✓	
CmdQuantitate	BL2000\jheine	1/20/2022 8:28:55 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:29:20 AM	Manually integrate compound Acenaphthene in sample Jan1903.D, from x, y = 8.025, 108 to 8.088, 64, result = 85; previous integration is from x, y = 7.975, 64 to 8.088, 64 and previous response = 1404.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:29:21 AM	Drop baseline for compound Acenaphthene in sample Jan1903.D to y = 64, new integration is from x, y = 8.025, 64 to 8.088, 64 and new response = 167; previous integration is from x, y = 8.025, 108 to 8.088, 64 and previous response = 85.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:29:24 AM	Zero out primary peak of compound Acenaphthene in sample Jan1903.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:29:30 AM	Manually integrate compound Benzo(a)pyrene in sample Jan1903.D, from x, y = 18.314, 82 to 18.400, 133, result = -204; previous integration is from x, y = 18.425, 56 to 18.611, 62 and previous response = 1264.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/20/2022 8:29:32 AM	Snap baseline for compound Benzo(a)pyrene in sample Jan1903.D, from x = 18.314 to x = 18.400, new integration is from x, y = 18.314, 52 to 18.400, 60 and new response = 62; previous integration is from x, y = 18.314, 82 to 18.400, 133 and previous response = -204.			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:29:32 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan1903.D to y = 52, new integration is from x, y = 18.314, 52 to 18.400, 52 and new response = 83; previous integration is from x, y = 18.314, 52 to 18.400, 60 and previous response = 62.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:29:33 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan1903.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:29:40 AM	Manually integrate compound Chrysene in sample Jan1903.D, from x, y = 14.751, 165 to 14.838, 136, result = -276; previous integration is from x, y = 14.640, 52 to 14.801, 52 and previous response = 1660.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/20/2022 8:29:41 AM	Snap baseline for compound Chrysene in sample Jan1903.D, from x = 14.751 to x = 14.838, new integration is from x, y = 14.751, 102 to 14.838, 68 and new response = 64; previous integration is from x, y = 14.751, 165 to 14.838, 136 and previous response = -276.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:29:42 AM	Drop baseline for compound Chrysene in sample Jan1903.D to y = 68, new integration is from x, y = 14.751, 68 to 14.838, 68 and new response = 153; previous integration is from x, y = 14.751, 102 to 14.838, 68 and previous response = 64.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:29:47 AM	Zero out primary peak of compound Chrysene in sample Jan1903.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:29:54 AM	Manually integrate compound Benzo(a)Anthracene in sample Jan1903.D, from x, y = 14.640, 52 to 14.751, 80, result = 1383; previous integration is from x, y = 14.640, 52 to 14.801, 52 and previous response = 1660.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:29:58 AM	Drop baseline for compound Benzo(a)Anthracene in sample Jan1903.D to y = 52, new integration is from x, y = 14.640, 52 to 14.751, 52 and new response = 1475; previous integration is from x, y = 14.640, 52 to 14.751, 80 and previous response = 1383.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:29:59 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1903.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:30:40 AM	Zero out primary peak of compound Fluorene in sample Jan1904.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:30:45 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan1904.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:30:57 AM	Manually integrate compound Acenaphthene in sample Jan1904.D, from x, y = 8.026, 248 to 8.075, 67, result = -191; previous integration is from x, y = 7.963, 67 to 8.075, 67 and previous response = 1203.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:30:59 AM	Drop baseline for compound Acenaphthene in sample Jan1904.D to y = 67, new integration is from x, y = 8.026, 67 to 8.075, 67 and new response = 80; previous integration is from x, y = 8.026, 248 to 8.075, 67 and previous response = -191.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:31:01 AM	Zero out primary peak of compound Acenaphthene in sample Jan1904.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:31:07 AM	Manually integrate compound Chrysene in sample Jan1904.D, from x, y = 14.751, 155 to 14.839, 51, result = -122; previous integration is from x, y = 14.642, 51 to 14.839, 51 and previous response = 1409.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:31:09 AM	Drop baseline for compound Chrysene in sample Jan1904.D to y = 51, new integration is from x, y = 14.751, 51 to 14.839, 51 and new response = 149; previous integration is from x, y = 14.751, 155 to 14.839, 51 and previous response = -122.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:31:11 AM	Zero out primary peak of compound Chrysene in sample Jan1904.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:31:19 AM	Manually integrate compound Benzo(a)Anthracene in sample Jan1904.D, from x, y = 14.642, 51 to 14.751, 168, result = 875; previous integration is from x, y = 14.642, 51 to 14.839, 51 and previous response = 1409.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:31:22 AM	Drop baseline for qualifier 226.0 of compound Benzo(a)Anthracene in sample Jan1904.D to y = 51, new integration is from x, y = 14.646, 51 to 14.863, 51 and new response = 286; previous integration is from x, y = 14.646, 51 to 14.863, 51 and previous response = 286.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:31:29 AM	Drop baseline for compound Benzo(a)Anthracene in sample Jan1904.D to y = 51, new integration is from x, y = 14.642, 51 to 14.751, 51 and new response = 1260; previous integration is from x, y = 14.642, 51 to 14.751, 168 and previous response = 875.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:31:31 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1904.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/20/2022 8:32:07 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1905.D, from x, y = 5.928, 467 to 6.028, 80, result = 3808; previous integration is from x, y = 5.855, 80 to 6.028, 80 and previous response = 7338.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:32:10 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1905.D to y = 80, new integration is from x, y = 5.928, 80 to 6.028, 80 and new response = 4966; previous integration is from x, y = 5.928, 467 to 6.028, 80 and previous response = 3808.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/20/2022 8:33:34 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1906.D, from x, y = 5.928, 425 to 6.078, 72, result = 4556; previous integration is from x, y = 5.891, 72 to 6.078, 72 and previous response = 8529.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:33:38 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1906.D to y = 72, new integration is from x, y = 5.928, 72 to 6.078, 72 and new response = 6146; previous integration is from x, y = 5.928, 425 to 6.078, 72 and previous response = 4556.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:34:33 AM	Zero out primary peak of compound Fluorene in sample Jan1907.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:34:37 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan1907.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:34:40 AM	Zero out primary peak of compound Acenaphthene in sample Jan1907.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:34:47 AM	Manually integrate compound Chrysene in sample Jan1907.D, from x, y = 14.751, 155 to 14.838, 55, result = -163; previous integration is from x, y = 14.643, 54 to 14.838, 55 and previous response = 1334.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:34:49 AM	Drop baseline for compound Chrysene in sample Jan1907.D to y = 55, new integration is from x, y = 14.751, 55 to 14.838, 55 and new response = 100; previous integration is from x, y = 14.751, 155 to 14.838, 55 and previous response = -163.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:34:50 AM	Zero out primary peak of compound Chrysene in sample Jan1907.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:34:59 AM	Manually integrate compound Benzo(a)Anthracene in sample Jan1907.D, from x, y = 14.643, 54 to 14.751, 179, result = 829; previous integration is from x, y = 14.643, 54 to 14.838, 55 and previous response = 1334.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:35:01 AM	Drop baseline for compound Benzo(a)Anthracene in sample Jan1907.D to y = 54, new integration is from x, y = 14.643, 54 to 14.751, 54 and new response = 1235; previous integration is from x, y = 14.643, 54 to 14.751, 179 and previous response = 829.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:35:03 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1907.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:35:58 AM	Zero out primary peak of compound Fluorene in sample Jan1908.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:36:04 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan1908.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:36:10 AM	Zero out primary peak of compound Acenaphthene in sample Jan1908.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:36:17 AM	Manually integrate compound Chrysene in sample Jan1908.D, from x, y = 14.751, 154 to 14.826, 51, result = -105; previous integration is from x, y = 14.640, 51 to 14.826, 51 and previous response = 1399.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:36:20 AM	Drop baseline for compound Chrysene in sample Jan1908.D to y = 51, new integration is from x, y = 14.751, 51 to 14.826, 51 and new response = 125; previous integration is from x, y = 14.751, 154 to 14.826, 51 and previous response = -105.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:36:21 AM	Zero out primary peak of compound Chrysene in sample Jan1908.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:36:25 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1908.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:36:26 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1908.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:36:46 AM	Manually integrate compound Fluorene in sample Jan1909.D, from x, y = 8.649, 59 to 8.711, 62, result = 112; previous integration is from x, y = 8.936, 61 to 9.060, 62 and previous response = 8951.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:36:47 AM	Zero out primary peak of compound Fluorene in sample Jan1909.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:36:56 AM	Manually integrate compound Benzo(a)pyrene in sample Jan1909.D, from x, y = 18.339, 79 to 18.401, 111, result = -80; previous integration is from x, y = 18.440, 61 to 18.635, 61 and previous response = 1160.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/20/2022 8:36:58 AM	Snap baseline for compound Benzo(a)pyrene in sample Jan1909.D, from x = 18.339 to x = 18.401, new integration is from x, y = 18.339, 56 to 18.401, 58 and new response = 62; previous integration is from x, y = 18.339, 79 to 18.401, 111 and previous response = -80.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:36:59 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan1909.D to y = 56, new integration is from x, y = 18.339, 56 to 18.401, 56 and new response = 65; previous integration is from x, y = 18.339, 56 to 18.401, 58 and previous response = 62.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:37:01 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan1909.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:37:07 AM	Manually integrate compound Acenaphthene in sample Jan1909.D, from x, y = 8.025, 115 to 8.075, 67, result = 27; previous integration is from x, y = 7.970, 67 to 8.075, 67 and previous response = 1278.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:37:09 AM	Drop baseline for compound Acenaphthene in sample Jan1909.D to y = 67, new integration is from x, y = 8.025, 67 to 8.075, 67 and new response = 99; previous integration is from x, y = 8.025, 115 to 8.075, 67 and previous response = 27.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:37:10 AM	Zero out primary peak of compound Acenaphthene in sample Jan1909.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:37:18 AM	Manually integrate compound Chrysene in sample Jan1909.D, from x, y = 14.751, 168 to 14.851, 171, result = -378; previous integration is from x, y = 14.640, 52 to 14.751, 52 and previous response = 1565.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/20/2022 8:37:21 AM	Snap baseline for compound Chrysene in sample Jan1909.D, from x = 14.751 to x = 14.851, new integration is from x, y = 14.751, 117 to 14.851, 62 and new response = 100; previous integration is from x, y = 14.751, 168 to 14.851, 171 and previous response = -378.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:37:22 AM	Drop baseline for compound Chrysene in sample Jan1909.D to y = 62, new integration is from x, y = 14.751, 62 to 14.851, 62 and new response = 264; previous integration is from x, y = 14.751, 117 to 14.851, 62 and previous response = 100.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:37:24 AM	Zero out primary peak of compound Chrysene in sample Jan1909.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:37:28 AM	Zero out primary peak of compound Pyrene in sample Jan1909.D			✓	
CmdClearManualIntegration	BL2000\jheine	1/20/2022 8:37:33 AM	Clear manual integration of target signal for compound Pyrene in sample Jan1909.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:37:50 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1909.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:38:13 AM	Zero out primary peak of compound Fluorene in sample Jan1910.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:38:32 AM	Manually integrate compound Benzo(a)pyrene in sample Jan1910.D, from x, y = 18.314, 89 to 18.413, 133, result = -253; previous integration is from x, y = 18.437, 61 to 18.623, 63 and previous response = 1130.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/20/2022 8:38:34 AM	Snap baseline for compound Benzo(a)pyrene in sample Jan1910.D, from x = 18.314 to x = 18.413, new integration is from x, y = 18.314, 55 to 18.413, 60 and new response = 64; previous integration is from x, y = 18.314, 89 to 18.413, 133 and previous response = -253.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:38:37 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan1910.D to y = 55, new integration is from x, y = 18.314, 55 to 18.413, 55 and new response = 79; previous integration is from x, y = 18.314, 55 to 18.413, 60 and previous response = 64.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:38:40 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan1910.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:38:48 AM	Manually integrate compound Acenaphthene in sample Jan1910.D, from x, y = 8.038, 242 to 8.088, 67, result = -217; previous integration is from x, y = 7.976, 68 to 8.088, 67 and previous response = 1072.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:38:51 AM	Drop baseline for compound Acenaphthene in sample Jan1910.D to y = 67, new integration is from x, y = 8.038, 67 to 8.088, 67 and new response = 43; previous integration is from x, y = 8.038, 242 to 8.088, 67 and previous response = -217.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:38:53 AM	Zero out primary peak of compound Acenaphthene in sample Jan1910.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:39:00 AM	Manually integrate compound Chrysene in sample Jan1910.D, from x, y = 14.751, 152 to 14.888, 145, result = -510; previous integration is from x, y = 14.645, 54 to 14.751, 56 and previous response = 1399.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/20/2022 8:39:02 AM	Snap baseline for compound Chrysene in sample Jan1910.D, from x = 14.751 to x = 14.888, new integration is from x, y = 14.751, 105 to 14.888, 60 and new response = 35; previous integration is from x, y = 14.751, 152 to 14.888, 145 and previous response = -510.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:39:03 AM	Drop baseline for compound Chrysene in sample Jan1910.D to y = 60, new integration is from x, y = 14.751, 60 to 14.888, 60 and new response = 220; previous integration is from x, y = 14.751, 105 to 14.888, 60 and previous response = 35.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:39:04 AM	Zero out primary peak of compound Chrysene in sample Jan1910.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:39:15 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1910.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:39:36 AM	Manually integrate compound Fluorene in sample Jan1911.D, from x, y = 8.636, 83 to 8.711, 89, result = -17; previous integration is from x, y = 8.935, 62 to 9.097, 63 and previous response = 7633.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:39:38 AM	Drop baseline for compound Fluorene in sample Jan1911.D to y = 83, new integration is from x, y = 8.636, 83 to 8.711, 83 and new response = -4; previous integration is from x, y = 8.636, 83 to 8.711, 89 and previous response = -17.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/20/2022 8:39:40 AM	Snap baseline for compound Fluorene in sample Jan1911.D, from x = 8.636 to x = 8.711, new integration is from x, y = 8.636, 60 to 8.711, 63 and new response = 92; previous integration is from x, y = 8.636, 83 to 8.711, 83 and previous response = -4.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:39:41 AM	Drop baseline for compound Fluorene in sample Jan1911.D to y = 60, new integration is from x, y = 8.636, 60 to 8.711, 60 and new response = 99; previous integration is from x, y = 8.636, 60 to 8.711, 63 and previous response = 92.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:39:42 AM	Zero out primary peak of compound Fluorene in sample Jan1911.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:39:59 AM	Manually integrate compound Benzo(a)pyrene in sample Jan1911.D, from x, y = 18.339, 107 to 18.388, 152, result = -164; previous integration is from x, y = 18.439, 65 to 18.608, 66 and previous response = 992.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/20/2022 8:40:00 AM	Snap baseline for compound Benzo(a)pyrene in sample Jan1911.D, from x = 18.339 to x = 18.388, new integration is from x, y = 18.339, 59 to 18.388, 63 and new response = 39; previous integration is from x, y = 18.339, 107 to 18.388, 152 and previous response = -164.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:40:01 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan1911.D to y = 59, new integration is from x, y = 18.339, 59 to 18.388, 59 and new response = 45; previous integration is from x, y = 18.339, 59 to 18.388, 63 and previous response = 39.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:40:02 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan1911.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:40:08 AM	Manually integrate compound Acenaphthene in sample Jan1911.D, from x, y = 8.013, 102 to 8.075, 66, result = 88; previous integration is from x, y = 7.975, 66 to 8.075, 66 and previous response = 1053.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:40:10 AM	Drop baseline for compound Acenaphthene in sample Jan1911.D to y = 66, new integration is from x, y = 8.013, 66 to 8.075, 66 and new response = 155; previous integration is from x, y = 8.013, 102 to 8.075, 66 and previous response = 88.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:40:11 AM	Zero out primary peak of compound Acenaphthene in sample Jan1911.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:40:20 AM	Manually integrate compound Chrysene in sample Jan1911.D, from x, y = 14.751, 201 to 14.876, 199, result = -596; previous integration is from x, y = 14.639, 58 to 14.739, 58 and previous response = 1454.			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:40:26 AM	Manually integrate compound Chrysene in sample Jan1911.D, from x, y = 14.714, 270 to 14.876, 199, result = -802; previous integration is from x, y = 14.751, 201 to 14.876, 199 and previous response = -596.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:40:33 AM	Manually integrate compound Chrysene in sample Jan1911.D, from x, y = 14.739, 287 to 14.876, 199, result = -1002; previous integration is from x, y = 14.714, 270 to 14.876, 199 and previous response = -802.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/20/2022 8:40:36 AM	Snap baseline for compound Chrysene in sample Jan1911.D, from x = 14.739 to x = 14.876, new integration is from x, y = 14.739, 128 to 14.876, 69 and new response = 186; previous integration is from x, y = 14.739, 287 to 14.876, 199 and previous response = -1002.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:40:38 AM	Drop baseline for compound Chrysene in sample Jan1911.D to y = 69, new integration is from x, y = 14.739, 69 to 14.876, 69 and new response = 428; previous integration is from x, y = 14.739, 128 to 14.876, 69 and previous response = 186.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/20/2022 8:40:46 AM	Manually integrate qualifier 229.0 of compound Chrysene in sample Jan1911.D from x, y = 14.751, 71 to 14.851, 59; result = 99			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:40:48 AM	Drop baseline for qualifier 229.0 of compound Chrysene in sample Jan1911.D to y = 59, new integration is from x, y = 14.751, 59 to 14.851, 59 and new response = 136; previous integration is from x, y = 14.751, 71 to 14.851, 59 and previous response = 99.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:41:05 AM	Zero out primary peak of compound Chrysene in sample Jan1911.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:41:14 AM	Manually integrate compound Pyrene in sample Jan1911.D, from x, y = 11.746, 69 to 11.818, 202, result = 377; previous integration is from x, y = 11.746, 69 to 11.927, 71 and previous response = 841.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:41:16 AM	Drop baseline for compound Pyrene in sample Jan1911.D to y = 69, new integration is from x, y = 11.746, 69 to 11.818, 69 and new response = 665; previous integration is from x, y = 11.746, 69 to 11.818, 202 and previous response = 377.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:41:31 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1911.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:41:59 AM	Manually integrate compound Naphthalene in sample Jan1912.D, from x, y = 5.903, 112 to 6.003, 31166, result = 132811; previous integration is from x, y = 5.903, 112 to 6.028, 112 and previous response = 234184.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:42:09 AM	Manually integrate compound Naphthalene in sample Jan1912.D, from x, y = 5.903, 112 to 5.991, 24178, result = 159783; previous integration is from x, y = 5.903, 112 to 6.003, 31166 and previous response = 132811.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:42:11 AM	Drop baseline for compound Naphthalene in sample Jan1912.D to y = 112, new integration is from x, y = 5.903, 112 to 5.991, 112 and new response = 222896; previous integration is from x, y = 5.903, 112 to 5.991, 24178 and previous response = 159783.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/20/2022 8:42:16 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1912.D, from x, y = 5.904, 384 to 5.966, 6075, result = 26944; previous integration is from x, y = 5.904, 384 to 6.028, 384 and previous response = 41564.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:42:18 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1912.D to y = 384, new integration is from x, y = 5.904, 384 to 5.966, 384 and new response = 37437; previous integration is from x, y = 5.904, 384 to 5.966, 6075 and previous response = 26944.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:42:29 AM	Manually integrate compound 1-Methylnaphthalene in sample Jan1912.D, from x, y = 6.840, 26900 to 6.965, 30425, result = -14267; previous integration is from x, y = 6.753, 245 to 6.852, 245 and previous response = 126873.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/20/2022 8:42:32 AM	Snap baseline for compound 1-Methylnaphthalene in sample Jan1912.D, from x = 6.840 to x = 6.965, new integration is from x, y = 6.840, 1061 to 6.965, 1613 and new response = 190483; previous integration is from x, y = 6.840, 26900 to 6.965, 30425 and previous response = -14267.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:42:33 AM	Drop baseline for compound 1-Methylnaphthalene in sample Jan1912.D to y = 1061, new integration is from x, y = 6.840, 1061 to 6.965, 1061 and new response = 192551; previous integration is from x, y = 6.840, 1061 to 6.965, 1613 and previous response = 190483.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/20/2022 8:42:50 AM	Manually integrate qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan1912.D from x, y = 6.865, 18017 to 6.977, 28281; result = 59555			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/20/2022 8:42:52 AM	Snap baseline for qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan1912.D from x = 6.865 to x = 6.977, new integration is from x, y = 6.865, 839 to 6.977, 938 and new response = 209681; previous integration is from x, y = 6.865, 18017 to 6.977, 28281 and previous response = 59555.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:42:52 AM	Drop baseline for qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan1912.D to y = 839, new integration is from x, y = 6.865, 839 to 6.977, 839 and new response = 210015; previous integration is from x, y = 6.865, 839 to 6.977, 938 and previous response = 209681.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:43:28 AM	Zero out primary peak of compound Acenaphthylene in sample Jan1912.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:46:00 AM	Manually integrate compound Phenanthrene in sample Jan1912.D, from x, y = 9.747, 407 to 9.805, 532, result = 1065; previous integration is from x, y = 9.747, 407 to 9.892, 392 and previous response = 2253.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:46:03 AM	Drop baseline for compound Phenanthrene in sample Jan1912.D to y = 407, new integration is from x, y = 9.747, 407 to 9.805, 407 and new response = 1281; previous integration is from x, y = 9.747, 407 to 9.805, 532 and previous response = 1065.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:46:06 AM	Zero out primary peak of compound Phenanthrene in sample Jan1912.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:46:16 AM	Zero out primary peak of compound Anthracene in sample Jan1912.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:48:27 AM	Zero out primary peak of compound Fluorene in sample Jan1913.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:48:31 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan1913.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:48:33 AM	Zero out primary peak of compound Acenaphthene in sample Jan1913.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:48:56 AM	Manually integrate compound Naphthalene in sample Jan1913.D, from x, y = 5.941, 230 to 5.991, 225, result = 923; previous integration is from x, y = 5.903, 205 to 6.041, 205 and previous response = 1510.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/20/2022 8:49:04 AM	Manually integrate qualifier 129.0 of compound Naphthalene in sample Jan1913.D, from x, y = 5.928, 133 to 5.978, 145, result = 530; previous integration is from x, y = 5.947, 191 to 6.015, 191 and previous response = 869.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/20/2022 8:49:13 AM	Manually integrate qualifier 129.0 of compound Naphthalene in sample Jan1913.D, from x, y = 5.941, 120 to 5.991, 124, result = 910; previous integration is from x, y = 5.928, 133 to 5.978, 145 and previous response = 530.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:49:21 AM	Zero out primary peak of compound Naphthalene in sample Jan1913.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:49:26 AM	Zero out primary peak of compound Chrysene in sample Jan1913.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:49:29 AM	Zero out primary peak of compound 2-Methylnaphthalene in sample Jan1913.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:49:31 AM	Zero out primary peak of compound 1-Methylnaphthalene in sample Jan1913.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:49:34 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1913.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:49:56 AM	Zero out primary peak of compound Fluorene in sample Jan1914.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:50:10 AM	Manually integrate compound Acenaphthene in sample Jan1914.D, from x, y = 8.025, 111 to 8.088, 79, result = 123; previous integration is from x, y = 7.975, 79 to 8.088, 79 and previous response = 1286.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:50:12 AM	Drop baseline for compound Acenaphthene in sample Jan1914.D to y = 79, new integration is from x, y = 8.025, 79 to 8.088, 79 and new response = 183; previous integration is from x, y = 8.025, 111 to 8.088, 79 and previous response = 123.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:50:13 AM	Zero out primary peak of compound Acenaphthene in sample Jan1914.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:50:16 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan1914.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:50:18 AM	Zero out primary peak of compound Chrysene in sample Jan1914.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:50:20 AM	Zero out primary peak of compound Naphthalene in sample Jan1914.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:50:22 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1914.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:50:38 AM	Zero out primary peak of compound Fluorene in sample Jan1915.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:50:42 AM	Zero out primary peak of compound Acenaphthene in sample Jan1915.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:50:43 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan1915.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:50:51 AM	Manually integrate compound Chrysene in sample Jan1915.D, from x, y = 14.739, 145 to 14.838, 145, result = -270; previous integration is from x, y = 14.640, 53 to 14.801, 53 and previous response = 1579.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/20/2022 8:50:53 AM	Snap baseline for compound Chrysene in sample Jan1915.D, from x = 14.739 to x = 14.838, new integration is from x, y = 14.739, 145 to 14.838, 62 and new response = -21; previous integration is from x, y = 14.739, 145 to 14.838, 145 and previous response = -270.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/20/2022 8:50:54 AM	Snap baseline for compound Chrysene in sample Jan1915.D, from x = 14.739 to x = 14.838, new integration is from x, y = 14.739, 145 to 14.838, 62 and new response = -21; previous integration is from x, y = 14.739, 145 to 14.838, 62 and previous response = -21.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:50:56 AM	Drop baseline for compound Chrysene in sample Jan1915.D to y = 62, new integration is from x, y = 14.739, 62 to 14.838, 62 and new response = 227; previous integration is from x, y = 14.739, 145 to 14.838, 62 and previous response = -21.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:50:58 AM	Zero out primary peak of compound Chrysene in sample Jan1915.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:51:23 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan1915.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/20/2022 8:51:32 AM	Manually integrate compound Anthracene in sample Jan1915.D, from x, y = 9.830, 128 to 9.914, 69, result = -62; previous integration is from x, y = 9.744, 69 to 9.914, 69 and previous response = 555.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:51:33 AM	Drop baseline for compound Anthracene in sample Jan1915.D to y = 69, new integration is from x, y = 9.830, 69 to 9.914, 69 and new response = 87; previous integration is from x, y = 9.830, 128 to 9.914, 69 and previous response = -62.			✓	
CmdZeroOutPeak	BL2000\jheine	1/20/2022 8:51:34 AM	Zero out primary peak of compound Anthracene in sample Jan1915.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/20/2022 8:54:33 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1916.D, from x, y = 5.928, 648 to 6.063, 90, result = 4938; previous integration is from x, y = 5.903, 82 to 6.063, 90 and previous response = 9744.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:54:34 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1916.D to y = 90, new integration is from x, y = 5.928, 90 to 6.063, 90 and new response = 7197; previous integration is from x, y = 5.928, 648 to 6.063, 90 and previous response = 4938.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/20/2022 8:54:50 AM	Manually integrate qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan1916.D from x, y = 6.852, 3745 to 6.990, 5099; result = -8102			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/20/2022 8:54:53 AM	Manually integrate qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan1916.D, from x, y = 6.852, 6454 to 6.990, 5099, result = -19269; previous integration is from x, y = 6.852, 3745 to 6.990, 5099 and previous response = -8102.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/20/2022 8:54:57 AM	Manually integrate qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan1916.D, from x, y = 6.865, 5099 to 6.990, 5099, result = -10471; previous integration is from x, y = 6.852, 6454 to 6.990, 5099 and previous response = -19269.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/20/2022 8:55:00 AM	Snap baseline for qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan1916.D from x = 6.865 to x = 6.990, new integration is from x, y = 6.865, 714 to 6.990, 283 and new response = 24003; previous integration is from x, y = 6.865, 5099 to 6.990, 5099 and previous response = -10471.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate DropBaseline	BL2000\jheine	1/20/2022 8:55:01 AM	Drop baseline for qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan1916.D to y = 283, new integration is from x, y = 6.865, 283 to 6.990, 283 and new response = 25618; previous integration is from x, y = 6.865, 714 to 6.990, 283 and previous response = 24003.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/20/2022 8:56:26 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1917.D, from x, y = 5.941, 999 to 6.028, 85, result = 1856; previous integration is from x, y = 5.891, 85 to 6.028, 85 and previous response = 9620.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/20/2022 8:56:40 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1917.D, from x, y = 5.928, 389 to 6.028, 85, result = 6221; previous integration is from x, y = 5.941, 999 to 6.028, 85 and previous response = 1856.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\jheine	1/20/2022 8:56:41 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1917.D to y = 85, new integration is from x, y = 5.928, 85 to 6.028, 85 and new response = 7131; previous integration is from x, y = 5.928, 389 to 6.028, 85 and previous response = 6221.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/20/2022 8:56:58 AM	Manually integrate qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan1917.D from x, y = 6.865, 3580 to 7.015, 2416; result = 1172			✓	
CmdManuallyIntegrate SnapBaseline	BL2000\jheine	1/20/2022 8:57:02 AM	Snap baseline for qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan1917.D from x = 6.865 to x = 7.015, new integration is from x, y = 6.865, 705 to 7.015, 241 and new response = 23873; previous integration is from x, y = 6.865, 3580 to 7.015, 2416 and previous response = 1172.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\jheine	1/20/2022 8:57:04 AM	Drop baseline for qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan1917.D to y = 241, new integration is from x, y = 6.865, 241 to 7.015, 241 and new response = 25959; previous integration is from x, y = 6.865, 705 to 7.015, 241 and previous response = 23873.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/20/2022 8:57:53 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan1918.D, from x, y = 5.928, 339 to 6.028, 73, result = 3579; previous integration is from x, y = 5.891, 73 to 6.028, 73 and previous response = 6486.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/20/2022 8:57:55 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan1918.D to y = 73, new integration is from x, y = 5.928, 73 to 6.028, 73 and new response = 4377; previous integration is from x, y = 5.928, 339 to 6.028, 73 and previous response = 3579.			✓	
CmdSaveBatchTable	BL2000\jheine	1/20/2022 8:58:34 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\QuantResults\011922 bna SIM 1.batch.bin			✓	
CmdSaveBatchTable	BL2000\jheine	1/20/2022 8:59:44 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\QuantResults\011922 bna SIM 1.batch.bin			✓	
CmdSaveBatchTable	BL2000\jheine	1/20/2022 9:00:42 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\QuantResults\011922 bna SIM 1.batch.bin			✓	
CmdSaveBatchTable	BL2000\jheine	1/20/2022 9:21:45 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\QuantResults\011922 bna SIM 1.batch.bin			✓	
CmdOpenBatchTable	BL2000\jheine	2/8/2022 3:06:09 PM	Open batch \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\011922 bna SIM 1.batch.bin			✓	
CmdQuantitate	BL2000\jheine	2/8/2022 3:07:15 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\jheine	2/8/2022 3:07:37 PM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\QuantResults\011922 bna SIM 1.batch.bin			✓	



# Energy Laboratories Inc

# ANALYTICAL RUN Summary

24-Feb-22

Run ID SV5975.I\_220125A

Run Start Date: 1/25/2022
Analyst: John P. Heine
Ical:
Column ID: ZB-SemiVolatiles
Comments:

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
dcmsvoc13	DCM						11/17/2022
sv100506	BNA low 50 ug/mL	8	ul	192	ul	CCV	3/31/2022
sv100703	BNA Internals 2000 ug/mL	2	ul	100	ul	SAMP	5/31/2022
sv100801	BNA 2nd source 200ug/mL	2	ul	198	ul	ICV	10/1/2022
sv83311	DFTPP 1000 ug/mL	50	ul	50	ul	TUNE	10/31/2022

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998778	Jan2501_D_TU	SVOC-8270-DF	TUNE	v5975.I\sh0125221	25/2022 10:40:	1	R373709		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
127, % of mass 198	A	%	56.5	56.5		100	0	0	0	0.01	0	57%	40	60	0%	
197, % of mass 198	A	%	0	0		100	0	0	0	0.01	0	0%	0	0.99	0%	
198, Base Peak	A	%	100	100		100	0	0	0	0.01	0	100%	100	100	0%	
199, % of mass 198	A	%	6.8	6.8		100	0	0	0	0.01	0	7%	5	9	0%	
275, % of mass 198	A	%	28.8	28.8		100	0	0	0	0.01	0	29%	10	30	0%	
365, % of mass 198	A	%	3.7	3.7		100	0	0	0	0.01	0	4%	1	99.99	0%	
441, % of mass 443	A	%	84	84		100	0	0	0	0.01	0	84%	0.01	150	0%	
442, % of mass 198	A	%	73.9	73.9		100	0	0	0	0.01	0	74%	40	100	0%	
443, % of mass 442	A	%	19.5	19.5		100	0	0	0	0.01	0	20%	17	23	0%	
51, % of mass 198	A	%	48.7	48.7		100	0	0	0	0.01	0	49%	30	60	0%	
68, % of mass 69	A	%	0	0		100	0	0	0	0.01	0	0%	0	1.99	0%	
70, % of mass 69	A	%	0.6	0.6		100	0	0	0	0.01	0	1%	0	1.99	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998780	25-Jan-22_CCV	SVOC-8270C-SI	CCV	V5975.I\sh0125221	25/2022 11:03:	1	R373709		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	1.81074	1.81074		2	0	0	0.0206	0.1	10	91%	80	120	0%	
2-Methylnaphthalene	A	ug/L	1.85894	1.85894		2	0	0	0.0176	0.1	10	93%	80	120	0%	
Acenaphthene	A	ug/L	1.60176	1.60176		2	0	0	0.0317	0.1	10	80%	80	120	0%	
Acenaphthylene	A	ug/L	1.80115	1.80115		2	0	0	0.025	0.1	10	90%	80	120	0%	
Anthracene	A	ug/L	2.03978	2.03978		2	0	0	0.0283	0.1	10	102%	80	120	0%	
Benzo(a)anthracene	A	ug/L	2.16396	2.16396		2	0	0	0.0272	0.1	10	108%	80	120	0%	
Benzo(a)pyrene	A	ug/L	2.2233	2.2233		2	0	0	0.0347	0.1	10	111%	80	120	0%	
Benzo(b)fluoranthene	A	ug/L	1.79387	1.79387		2	0	0	0.0226	0.1	10	90%	80	120	0%	
Benzo(g,h,i)perylene	A	ug/L	2.09651	2.09651		2	0	0	0.0267	0.1	10	105%	80	120	0%	
Benzo(k)fluoranthene	A	ug/L	1.91366	1.91366		2	0	0	0.0295	0.1	10	96%	80	120	0%	
Chrysene	A	ug/L	1.81772	1.81772		2	0	0	0.0458	0.1	10	91%	80	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	2.01331	2.01331		2	0	0	0.0367	0.1	10	101%	80	120	0%	
Fluoranthene	A	ug/L	1.78371	1.78371		2	0	0	0.0233	0.1	10	89%	80	120	0%	
Fluorene	A	ug/L	1.86387	1.86387		2	0	0	0.0225	0.1	10	93%	80	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	2.14881	2.14881		2	0	0	0.0491	0.1	10	107%	80	120	0%	
Naphthalene	A	ug/L	1.8004	1.8004		2	0	0	0.029	0.1	10	90%	80	120	0%	
Phenanthrene	A	ug/L	1.94585	1.94585		2	0	0	0.0295	0.1	10	97%	80	120	0%	
Pyrene	A	ug/L	1.96109	1.96109		2	0	0	0.0239	0.1	10	98%	80	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%	80	120	0%	
2-Fluorobiphenyl	S	ug/L	1.83904	1.83904		2	0	0	0.0444	0.1	10	92%	80	120	0%	
Nitrobenzene-d5	S	ug/L	1.88897	1.88897		2	0	0	0.0523	0.1	10	94%	80	120	0%	
Terphenyl-d14	S	ug/L	2.23851	2.23851		2	0	0	0.0563	0.1	10	112%	80	120	0%	
o-Terphenyl	X	ug/L	1.8348	1.8348		2	0	0	0.0654	0	0	92%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998781	25-Jan-22_ISTB	SVOC-8270C-SI	SAMP	V5975.I\sh0125221	25/2022 11:36:	1	R373709		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998781	25-Jan-22_ISTB	SVOC-8270C-SI SAMP		V5975.I\sh0125221/25/2022	11:36:	1	R373709		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0206	0.1	10	0%	0	0	0%	
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0176	0.1	10	0%	0	0	0%	
Acenaphthene	A	ug/L	0	0		0	0	0	0.0317	0.1	10	0%	0	0	0%	
Acenaphthylene	A	ug/L	0	0		0	0	0	0.025	0.1	10	0%	0	0	0%	
Anthracene	A	ug/L	0	0		0	0	0	0.0283	0.1	10	0%	0	0	0%	
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0272	0.1	10	0%	0	0	0%	
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0347	0.1	10	0%	0	0	0%	
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0226	0.1	10	0%	0	0	0%	
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0267	0.1	10	0%	0	0	0%	
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	
Chrysene	A	ug/L	0	0		0	0	0	0.0458	0.1	10	0%	0	0	0%	
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0367	0.1	10	0%	0	0	0%	
Fluoranthene	A	ug/L	0	0		0	0	0	0.0233	0.1	10	0%	0	0	0%	
Fluorene	A	ug/L	0	0		0	0	0	0.0225	0.1	10	0%	0	0	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0491	0.1	10	0%	0	0	0%	
Naphthalene	A	ug/L	0	0		0	0	0	0.029	0.1	10	0%	0	0	0%	
Phenanthrene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	
Pyrene	A	ug/L	0	0		0	0	0	0.0239	0.1	10	0%	0	0	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%	0	0	0%	E
2-Fluorobiphenyl	S	ug/L	0	0		5	0	0	0.0444	0.1	10	0%	25	94	0%	S
Nitrobenzene-d5	S	ug/L	0	0		5	0	0	0.0523	0.1	10	0%	19	102	0%	S
Terphenyl-d14	S	ug/L	0.15259	0.15259		5	0	0	0.0563	0.1	10	3%	39	106	0%	S
o-Terphenyl	X	ug/L	0	0		200	0	0	0.0654	0	0	0%	40	140	0%	S

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998784	B22010757-001	SVOC-8270C-SI SAMP		V5975.I\sh0125221/25/2022	2:19:0	5	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998784	B22010757-001	SVOC-8270C-SI SAMP		V5975.I\sh0125221	25/2022 2:19:0	5	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	4.73911	23.69555		0	0	0	0.103	0.5	10	0%	0	0	0%	
2-Methylnaphthalene	A	ug/L	3.26583	16.32915		0	0	0	0.088	0.5	10	0%	0	0	0%	
Naphthalene	A	ug/L	4.47197	22.35985		0	0	0	0.145	0.5	10	0%	0	0	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998785	MB-162980	SVOC-8270C-SI MBLK		V5975.I\sh0125221	25/2022 2:51:3	1	162980	1/17/2022 1	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0206	0.1	10	0%			0%	
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0176	0.1	10	0%			0%	
Acenaphthene	A	ug/L	0	0		0	0	0	0.0317	0.1	10	0%			0%	
Acenaphthylene	A	ug/L	0	0		0	0	0	0.025	0.1	10	0%			0%	
Anthracene	A	ug/L	0	0		0	0	0	0.0283	0.1	10	0%			0%	
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0272	0.1	10	0%			0%	
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0347	0.1	10	0%			0%	
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0226	0.1	10	0%			0%	
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0267	0.1	10	0%			0%	
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%			0%	
Chrysene	A	ug/L	0	0		0	0	0	0.0458	0.1	10	0%			0%	
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0367	0.1	10	0%			0%	
Fluoranthene	A	ug/L	0	0		0	0	0	0.0233	0.1	10	0%			0%	
Fluorene	A	ug/L	0	0		0	0	0	0.0225	0.1	10	0%			0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0491	0.1	10	0%			0%	
Naphthalene	A	ug/L	0	0		0	0	0	0.029	0.1	10	0%			0%	
Phenanthrene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%			0%	
Pyrene	A	ug/L	0	0		0	0	0	0.0239	0.1	10	0%			0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%			0%	
o-Terphenyl	X	ug/L	0	0		0	0	0	0.0654	0	0	0%	40	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998786	LLCS-162980	SVOC-8270C-SI	LCS-DOD	V5975.I\sh0125221	/25/2022 3:24:0	1	162980	1/17/2022 1	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	3.28232	3.28232		5	0	0	0.0206	0.1	10	66%	41	115	0%	
2-Methylnaphthalene	A	ug/L	3.95463	3.95463		5	0	0	0.0176	0.1	10	79%	39	114	0%	
Acenaphthene	A	ug/L	3.66803	3.66803		5	0	0	0.0317	0.1	10	73%	48	114	0%	
Acenaphthylene	A	ug/L	3.51751	3.51751		5	0	0	0.025	0.1	10	70%	35	121	0%	
Anthracene	A	ug/L	4.70989	4.70989		5	0	0	0.0283	0.1	10	94%	53	119	0%	
Benzo(a)anthracene	A	ug/L	4.96049	4.96049		5	0	0	0.0272	0.1	10	99%	59	120	0%	
Benzo(a)pyrene	A	ug/L	4.77932	4.77932		5	0	0	0.0347	0.1	10	96%	53	120	0%	
Benzo(b)fluoranthene	A	ug/L	4.66464	4.66464		5	0	0	0.0226	0.1	10	93%	53	126	0%	
Benzo(g,h,i)perylene	A	ug/L	5.31008	5.31008		5	0	0	0.0267	0.1	10	106%	44	128	0%	
Benzo(k)fluoranthene	A	ug/L	4.35329	4.35329		5	0	0	0.0295	0.1	10	87%	54	125	0%	
Chrysene	A	ug/L	4.5155	4.5155		5	0	0	0.0458	0.1	10	90%	57	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	5.23664	5.23664		5	0	0	0.0367	0.1	10	105%	44	141	0%	
Fluoranthene	A	ug/L	4.37405	4.37405		5	0	0	0.0233	0.1	10	87%	58	120	0%	
Fluorene	A	ug/L	3.99396	3.99396		5	0	0	0.0225	0.1	10	80%	50	118	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	5.20377	5.20377		5	0	0	0.0491	0.1	10	104%	48	130	0%	
Naphthalene	A	ug/L	3.84115	3.84115		5	0	0	0.029	0.1	10	77%	43	114	0%	
Phenanthrene	A	ug/L	4.62023	4.62023		5	0	0	0.0295	0.1	10	92%	53	115	0%	
Pyrene	A	ug/L	4.53831	4.53831		5	0	0	0.0239	0.1	10	91%	53	121	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%			0%	
2-Fluorobiphenyl	S	ug/L	3.10492	3.10492		5	0	0	0.0444	0.1	10	62%	53	106	0%	
Nitrobenzene-d5	S	ug/L	3.221	3.221		5	0	0	0.0523	0.1	10	64%	55	111	0%	
Terphenyl-d14	S	ug/L	5.17123	5.17123		5	0	0	0.0563	0.1	10	103%	58	132	0%	
o-Terphenyl	X	ug/L	4.35331	4.35331		5	0	0	0.0654	0	0	87%	40	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998787	LLCSD-162980	SVOC-8270C-SI	LCS-DOD	V5975.I\sh0125221	/25/2022 3:56:3	1	162980	1/17/2022 1	0	1E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998787	LLCSD-162980	SVOC-8270C-SI	LCSD-DOD	V5975.I\sh0125221	/25/2022 3:56:3	1	162980	1/17/2022	1	0	1E+07					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	2.62748	2.62748		5	0	3.28232	0.0206	0.1	10	53%	41	115	22%	
2-Methylnaphthalene	A	ug/L	2.83962	2.83962		5	0	3.95463	0.0176	0.1	10	57%	39	114	33%	
Acenaphthene	A	ug/L	3.12468	3.12468		5	0	3.66803	0.0317	0.1	10	62%	48	114	16%	
Acenaphthylene	A	ug/L	3.05761	3.05761		5	0	3.51751	0.025	0.1	10	61%	35	121	14%	
Anthracene	A	ug/L	4.25425	4.25425		5	0	4.70989	0.0283	0.1	10	85%	53	119	10%	
Benzo(a)anthracene	A	ug/L	5.03484	5.03484		5	0	4.96049	0.0272	0.1	10	101%	59	120	1%	
Benzo(a)pyrene	A	ug/L	4.84189	4.84189		5	0	4.77932	0.0347	0.1	10	97%	53	120	1%	
Benzo(b)fluoranthene	A	ug/L	5.00015	5.00015		5	0	4.66464	0.0226	0.1	10	100%	53	126	7%	
Benzo(g,h,i)perylene	A	ug/L	5.37604	5.37604		5	0	5.31008	0.0267	0.1	10	108%	44	128	1%	
Benzo(k)fluoranthene	A	ug/L	4.65688	4.65688		5	0	4.35329	0.0295	0.1	10	93%	54	125	7%	
Chrysene	A	ug/L	4.7011	4.7011		5	0	4.5155	0.0458	0.1	10	94%	57	120	4%	
Dibenzo(a,h)anthracene	A	ug/L	5.31771	5.31771		5	0	5.23664	0.0367	0.1	10	106%	44	141	2%	
Fluoranthene	A	ug/L	4.4316	4.4316		5	0	4.37405	0.0233	0.1	10	89%	58	120	1%	
Fluorene	A	ug/L	3.68243	3.68243		5	0	3.99396	0.0225	0.1	10	74%	50	118	8%	
Indeno(1,2,3-cd)pyrene	A	ug/L	5.22502	5.22502		5	0	5.20377	0.0491	0.1	10	105%	48	130	0%	
Naphthalene	A	ug/L	3.00508	3.00508		5	0	3.84115	0.029	0.1	10	60%	43	114	24%	
Phenanthrene	A	ug/L	4.08603	4.08603		5	0	4.62023	0.0295	0.1	10	82%	53	115	12%	
Pyrene	A	ug/L	4.59079	4.59079		5	0	4.53831	0.0239	0.1	10	92%	53	121	1%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%			0%	
2-Fluorobiphenyl	S	ug/L	3.1821	3.1821		5	0	0	0.0444	0.1	10	64%	53	106	0%	
Nitrobenzene-d5	S	ug/L	3.43698	3.43698		5	0	0	0.0523	0.1	10	69%	55	111	0%	
Terphenyl-d14	S	ug/L	5.15027	5.15027		5	0	0	0.0563	0.1	10	103%	58	132	0%	
o-Terphenyl	X	ug/L	4.26049	4.26049		5	0	4.35331	0.0654	0	0	85%	40	140	2%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998788	B22010971-001	SVOC-8270C-SI	SAMP	V5975.I\sh0125221	/25/2022 4:29:1	1	162980	1/17/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998788	B22010971-001	SVOC-8270C-SI SAMP		v5975.I\sh0125221/25/2022	4:29:1	1	162980	1/17/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.020188	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.017248	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.031066	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.0245	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.027734	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.026656	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.034006	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0.03196	0.0313208		0	0	0	0.022148	0.1	10	0%	0	0	0%	J
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.026166	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0.02991	0.0293118		0	0	0	0.02891	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.044884	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.035966	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.022834	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.02205	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.048118	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.02842	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.02891	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.023422	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	39.2		0	0	0	0.098	0.1	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0	0		0	0	0	0.064092	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998789	B22010972-001	SVOC-8270C-SI SAMP		v5975.I\sh0125221/25/2022	5:01:4	1	162980	1/17/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0196112	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0167552	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.0301784	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.0238	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0269416	0.1	10	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998789	B22010972-001	SVOC-8270C-SI SAMP		√5975.I\sh0125221/25/2022	5:01:4	1	162980	1/17/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0258944	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0330344	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0215152	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0254184	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.028084	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.0436016	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0349384	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.0221816	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.02142	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0467432	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.027608	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.028084	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.0227528	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	38.08		0	0	0	0.0952	0.1	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0	0		0	0	0	0.0622608	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998790	B22010972-001	SVOC-8270C-SI MS-DOD		√5975.I\sh0125221/25/2022	5:34:2	1	162980	1/17/2022	1	1E+07	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	2.90472	2.82048312		4.855	0	0	0.0200026	0.1	10	58%	41	115	0%	
2-Methylnaphthalene	A	ug/L	3.45892	3.35861132		4.855	0	0	0.0170896	0.1	10	69%	39	114	0%	
Acenaphthene	A	ug/L	3.14764	3.05635844		4.855	0	0	0.0307807	0.1	10	63%	48	114	0%	
Acenaphthylene	A	ug/L	2.97323	2.88700633		4.855	0	0	0.024275	0.1	10	59%	35	121	0%	
Anthracene	A	ug/L	4.4373	4.3086183		4.855	0	0	0.0274793	0.1	10	89%	53	119	0%	
Benzo(a)anthracene	A	ug/L	4.18477	4.06341167		4.855	0	0	0.0264112	0.1	10	84%	59	120	0%	
Benzo(a)pyrene	A	ug/L	3.60742	3.50280482		4.855	0	0	0.0336937	0.1	10	72%	53	120	0%	
Benzo(b)fluoranthene	A	ug/L	3.73546	3.62713166		4.855	0	0	0.0219446	0.1	10	75%	53	126	0%	
Benzo(g,h,i)perylene	A	ug/L	4.00161	3.88556331		4.855	0	0	0.0259257	0.1	10	80%	44	128	0%	
Benzo(k)fluoranthene	A	ug/L	3.53678	3.43421338		4.855	0	0	0.0286445	0.1	10	71%	54	125	0%	



Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998790	B22010972-001	SVOC-8270C-SI	MS-DOD	√5975.I\sh0125221	/25/2022 5:34:2	1	162980	1/17/2022 1	1E+07	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chrysene	A	ug/L	3.90277	3.78958967		4.855	0	0	0.0444718	0.1	10	78%	57	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	3.85311	3.74136981		4.855	0	0	0.0356357	0.1	10	77%	44	141	0%	
Fluoranthene	A	ug/L	3.96961	3.85449131		4.855	0	0	0.0226243	0.1	10	79%	58	120	0%	
Fluorene	A	ug/L	3.62854	3.52331234		4.855	0	0	0.0218475	0.1	10	73%	50	118	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	3.54732	3.44444772		4.855	0	0	0.0476761	0.1	10	71%	48	130	0%	
Naphthalene	A	ug/L	3.32405	3.22765255		4.855	0	0	0.028159	0.1	10	66%	43	114	0%	
Phenanthrene	A	ug/L	4.35901	4.23259871		4.855	0	0	0.0286445	0.1	10	87%	53	115	0%	
Pyrene	A	ug/L	3.96299	3.84806329		4.855	0	0	0.0232069	0.1	10	79%	53	121	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	38.84		0	0	0	0.0971	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	38.84		0	0	0	0.0971	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	38.84		0	0	0	0.0971	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	38.84		0	0	0	0.0971	0.1		0%			0%	
Perylene-d12	I	ug/L	40	38.84		0	0	0	0.0971	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	38.84		0	0	0	0.0971	0.1	10	0%			0%	
2-Fluorobiphenyl	S	ug/L	3.24647	3.15232237		4.855	0	0	0.0431124	0.1	10	65%	53	106	0%	
Nitrobenzene-d5	S	ug/L	3.53022	3.42784362		4.855	0	0	0.0507833	0.1	10	71%	55	111	0%	
Terphenyl-d14	S	ug/L	4.02158	3.90495418		4.855	0	0	0.0546673	0.1	10	80%	58	132	0%	
o-Terphenyl	X	ug/L	3.95281	3.83817851		4.855	0	0	0.0635034	0	0	79%	40	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998791	B22010973-001	SVOC-8270C-SI	SAMP	√5975.I\sh0125221	/25/2022 6:06:5	1	162980	1/17/2022 1	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0198172	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0169312	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.0304954	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.02405	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0272246	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0261664	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0333814	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0.03696	0.03555552		0	0	0	0.0217412	0.1	10	0%	0	0	0%	J
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0256854	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0.02739	0		0	0	0	0.028379	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.0440596	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0353054	0.1	10	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998791	B22010973-001	SVOC-8270C-SI SAMP		√5975.I\sh0125221/25/2022	6:06:5	1	162980	1/17/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Fluoranthene	A	ug/L	0	0		0	0	0	0.0224146	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.021645	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0472342	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.027898	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.028379	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.0229918	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	38.48		0	0	0	0.0962	0.1	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0	0		0	0	0	0.0629148	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998792	B22010974-001	SVOC-8270C-SI SAMP		√5975.I\sh0125221/25/2022	6:39:3	1	162980	1/17/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0206	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0176	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.0317	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.025	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0283	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0272	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0347	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0226	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0267	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.0458	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0367	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.0233	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.0225	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0491	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.029	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998792	B22010974-001	SVOC-8270C-SI SAMP		V5975.I\sh0125221/25/2022	6:39:3	1	162980	1/17/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Pyrene	A	ug/L	0	0		0	0	0	0.0239	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0.36721	0.36721		0	0	0	0.0654	0	0	0%	40	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998793	B22010975-001	SVOC-8270C-SI SAMP		V5975.I\sh0125221/25/2022	7:11:5	1	162980	1/17/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.02163	0.105	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.01848	0.105	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.033285	0.105	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.02625	0.105	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.029715	0.105	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.02856	0.105	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.036435	0.105	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.02373	0.105	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.028035	0.105	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.030975	0.105	10	0%	0	0	0%	U
Chrysene	A	ug/L	0.04045	0		0	0	0	0.04809	0.105	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.038535	0.105	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0.08086	0.084903		0	0	0	0.024465	0.105	10	0%	0	0	0%	J
Fluorene	A	ug/L	0	0		0	0	0	0.023625	0.105	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.051555	0.105	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.03045	0.105	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.030975	0.105	10	0%	0	0	0%	U
Pyrene	A	ug/L	0.08138	0.085449		0	0	0	0.025095	0.105	10	0%	0	0	0%	J
1,4-Dichlorobenzene-d4	I	ug/L	40	42		0	0	0	0.105	0.105		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	42		0	0	0	0.105	0.105		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	42		0	0	0	0.105	0.105		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	42		0	0	0	0.105	0.105		0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998793	B22010975-001	SVOC-8270C-SI SAMP		V5975.I\sh0125221	25/2022 7:11:5	1	162980	1/17/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Perylene-d12	I	ug/L	40	42		0	0	0	0.105	0.105		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	42		0	0	0	0.105	0.105	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0.08993	0.0944265		0	0	0	0.06867	0	0	0%	40	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998795	B22010976-001	SVOC-8270C-SI SAMP		V5975.I\sh0125221	25/2022 7:44:3	1	162980	1/17/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.021218	0.103	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.018128	0.103	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.032651	0.103	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.02575	0.103	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.029149	0.103	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.028016	0.103	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.035741	0.103	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.023278	0.103	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.027501	0.103	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.030385	0.103	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.047174	0.103	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.037801	0.103	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.023999	0.103	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.023175	0.103	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.050573	0.103	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.02987	0.103	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.030385	0.103	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.024617	0.103	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	
Perylene-d12	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	41.2		0	0	0	0.103	0.103	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0.05777	0		0	0	0	0.067362	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998796	B22010977-001	SVOC-8270C-SI SAMP		V5975.I\sh0125221/25/2022	8:17:0	1	162980	1/17/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0196112	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0167552	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.0301784	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.0238	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0269416	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0258944	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0330344	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0215152	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0254184	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.028084	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.0436016	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0349384	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.0221816	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.02142	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0467432	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.027608	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.028084	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.0227528	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	38.08		0	0	0	0.0952	0.1	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0	0		0	0	0	0.0622608	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998798	B22010978-001	SVOC-8270C-SI SAMP		V5975.I\sh0125221/25/2022	8:49:4	1	162980	1/17/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0196112	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0167552	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.0301784	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.0238	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0269416	0.1	10	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998798	B22010978-001	SVOC-8270C-SI SAMP		V5975.I\sh0125221/25/2022	8:49:4	1	162980	1/17/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0258944	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0330344	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0215152	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0254184	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.028084	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.0436016	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0349384	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.0221816	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.02142	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0467432	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.027608	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.028084	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.0227528	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	38.08		0	0	0	0.0952	0.1	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0	0		0	0	0	0.0622608	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998799	B22010979-001	SVOC-8270C-SI SAMP		V5975.I\sh0125221/25/2022	9:22:1	1	162980	1/17/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0196112	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0167552	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.0301784	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.0238	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0269416	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0258944	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0330344	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0215152	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0254184	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.028084	0.1	10	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998799	B22010979-001	SVOC-8270C-SI SAMP		√5975.I\sh0125221/25/2022	9:22:1	1	162980	1/17/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chrysene	A	ug/L	0	0		0	0	0	0.0436016	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0349384	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.0221816	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.02142	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0467432	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.027608	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.028084	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.0227528	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	38.08		0	0	0	0.0952	0.1	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0	0		0	0	0	0.0622608	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998800	B22010980-001	SVOC-8270C-SI SAMP		√5975.I\sh0125221/25/2022	9:54:4	1	162980	1/17/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0196112	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0167552	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.0301784	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.0238	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0269416	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0258944	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0330344	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0215152	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0254184	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.028084	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.0436016	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0349384	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.0221816	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.02142	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0467432	0.1	10	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998800	B22010980-001	SVOC-8270C-SI SAMP		√5975.I\sh0125221/25/2022	9:54:4	1	162980	1/17/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Naphthalene	A	ug/L	0	0		0	0	0	0.027608	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.028084	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.0227528	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	38.08		0	0	0	0.0952	0.1	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0	0		0	0	0	0.0622608	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998801	B22010980-001	SVOC-8270C-SI MS-DOD		√5975.I\sh0125221/25/2022	10:27:	1	162980	1/18/2022	1	1E+07	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	2.43935	2.3222612		4.76	0	0	0.0196112	0.1	10	49%	41	115	0%	
2-Methylnaphthalene	A	ug/L	2.89879	2.75964808		4.76	0	0	0.0167552	0.1	10	58%	39	114	0%	
Acenaphthene	A	ug/L	3.16071	3.00899592		4.76	0	0	0.0301784	0.1	10	63%	48	114	0%	
Acenaphthylene	A	ug/L	2.97234	2.82966768		4.76	0	0	0.0238	0.1	10	59%	35	121	0%	
Anthracene	A	ug/L	4.46551	4.25116552		4.76	0	0	0.0269416	0.1	10	89%	53	119	0%	
Benzo(a)anthracene	A	ug/L	4.92551	4.68908552		4.76	0	0	0.0258944	0.1	10	99%	59	120	0%	
Benzo(a)pyrene	A	ug/L	4.31344	4.10639488		4.76	0	0	0.0330344	0.1	10	86%	53	120	0%	
Benzo(b)fluoranthene	A	ug/L	4.3383	4.1300616		4.76	0	0	0.0215152	0.1	10	87%	53	126	0%	
Benzo(g,h,i)perylene	A	ug/L	4.89441	4.65947832		4.76	0	0	0.0254184	0.1	10	98%	44	128	0%	
Benzo(k)fluoranthene	A	ug/L	4.07421	3.87864792		4.76	0	0	0.028084	0.1	10	81%	54	125	0%	
Chrysene	A	ug/L	4.38523	4.17473896		4.76	0	0	0.0436016	0.1	10	88%	57	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	4.96607	4.72769864		4.76	0	0	0.0349384	0.1	10	99%	44	141	0%	
Fluoranthene	A	ug/L	4.30054	4.09411408		4.76	0	0	0.0221816	0.1	10	86%	58	120	0%	
Fluorene	A	ug/L	3.65555	3.4800836		4.76	0	0	0.02142	0.1	10	73%	50	118	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	4.58418	4.36413936		4.76	0	0	0.0467432	0.1	10	92%	48	130	0%	
Naphthalene	A	ug/L	2.73376	2.60253952		4.76	0	0	0.027608	0.1	10	55%	43	114	0%	
Phenanthrene	A	ug/L	4.43596	4.22303392		4.76	0	0	0.028084	0.1	10	89%	53	115	0%	
Pyrene	A	ug/L	4.42261	4.21032472		4.76	0	0	0.0227528	0.1	10	88%	53	121	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%			0%	



Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998801	B22010980-001	SVOC-8270C-SI	MS-DOD	√5975.I\sh0125221	25/2022 10:27:	1	162980	1/18/2022 1	1E+07	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chrysene-d12	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%				0%
Naphthalene-d8	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%				0%
Perylene-d12	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%				0%
Phenanthrene-d10	I	ug/L	40	38.08		0	0	0	0.0952	0.1	10	0%				0%
2-Fluorobiphenyl	S	ug/L	3.18417	3.03132984		4.76	0	0	0.0422688	0.1	10	64%	53	106		0%
Nitrobenzene-d5	S	ug/L	3.26383	3.10716616		4.76	0	0	0.0497896	0.1	10	65%	55	111		0%
Terphenyl-d14	S	ug/L	5.05897	4.81613944		4.76	0	0	0.0535976	0.1	10	101%	58	132		0%
o-Terphenyl	X	ug/L	4.14644	3.94741088		4.76	0	0	0.0622608	0	0	83%	40	140		0%

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998802	25-Jan-22_CC	SVOC-8270C-SI	CCV	√5975.I\sh0125221	25/2022 11:00:	1	R373709			0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	1.72281	1.72281		2	0	0	0.0206	0.1	10	86%	50	150		0%
2-Methylnaphthalene	A	ug/L	1.93587	1.93587		2	0	0	0.0176	0.1	10	97%	50	150		0%
Acenaphthene	A	ug/L	1.69659	1.69659		2	0	0	0.0317	0.1	10	85%	50	150		0%
Acenaphthylene	A	ug/L	1.3519	1.3519		2	0	0	0.025	0.1	10	68%	50	150		0%
Anthracene	A	ug/L	1.96069	1.96069		2	0	0	0.0283	0.1	10	98%	50	150		0%
Benzo(a)anthracene	A	ug/L	1.97184	1.97184		2	0	0	0.0272	0.1	10	99%	50	150		0%
Benzo(a)pyrene	A	ug/L	2.01046	2.01046		2	0	0	0.0347	0.1	10	101%	50	150		0%
Benzo(b)fluoranthene	A	ug/L	1.8368	1.8368		2	0	0	0.0226	0.1	10	92%	50	150		0%
Benzo(g,h,i)perylene	A	ug/L	2.17798	2.17798		2	0	0	0.0267	0.1	10	109%	50	150		0%
Benzo(k)fluoranthene	A	ug/L	1.89267	1.89267		2	0	0	0.0295	0.1	10	95%	50	150		0%
Chrysene	A	ug/L	1.79225	1.79225		2	0	0	0.0458	0.1	10	90%	50	150		0%
Dibenzo(a,h)anthracene	A	ug/L	1.9885	1.9885		2	0	0	0.0367	0.1	10	99%	50	150		0%
Fluoranthene	A	ug/L	1.77449	1.77449		2	0	0	0.0233	0.1	10	89%	50	150		0%
Fluorene	A	ug/L	1.81039	1.81039		2	0	0	0.0225	0.1	10	91%	50	150		0%
Indeno(1,2,3-cd)pyrene	A	ug/L	2.10946	2.10946		2	0	0	0.0491	0.1	10	105%	50	150		0%
Naphthalene	A	ug/L	1.9424	1.9424		2	0	0	0.029	0.1	10	97%	50	150		0%
Phenanthrene	A	ug/L	1.99933	1.99933		2	0	0	0.0295	0.1	10	100%	50	150		0%
Pyrene	A	ug/L	1.88265	1.88265		2	0	0	0.0239	0.1	10	94%	50	150		0%
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%	50	150		0%
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	50	150		0%
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	50	150		0%
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%	50	150		0%

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14998802	25-Jan-22_CCV	SVOC-8270C-SI	CCV	V5975.I\sh0125221	25/2022 11:00:	1	R373709		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	50	150	0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%	50	150	0%	
2-Fluorobiphenyl	S	ug/L	1.73461	1.73461		2	0	0	0.0444	0.1	10	87%	50	150	0%	
Nitrobenzene-d5	S	ug/L	1.89442	1.89442		2	0	0	0.0523	0.1	10	95%	50	150	0%	
Terphenyl-d14	S	ug/L	2.16339	2.16339		2	0	0	0.0563	0.1	10	108%	50	150	0%	
o-Terphenyl	X	ug/L	1.81554	1.81554		2	0	0	0.0654	0	0	91%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15044417	LLCS-162980	SVOC-8270-W-	LCS	V5975.I\sh0125221	25/2022 3:24:0	1	162980	1/17/2022 1	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	3.28232	3.28232		5	0	0	0.0206	0.1	10	66%	18	117	0%	
2-Methylnaphthalene	A	ug/L	3.95463	3.95463		5	0	0	0.0176	0.1	10	79%	18	117	0%	
Acenaphthene	A	ug/L	3.66803	3.66803		5	0	0	0.0317	0.1	10	73%	40	92	0%	
Acenaphthylene	A	ug/L	3.51751	3.51751		5	0	0	0.025	0.1	10	70%	37	96	0%	
Anthracene	A	ug/L	4.70989	4.70989		5	0	0	0.0283	0.1	10	94%	46	108	0%	
Benzo(a)anthracene	A	ug/L	4.96049	4.96049		5	0	0	0.0272	0.1	10	99%	41	105	0%	
Benzo(a)pyrene	A	ug/L	4.77932	4.77932		5	0	0	0.0347	0.1	10	96%	42	110	0%	
Benzo(b)fluoranthene	A	ug/L	4.66464	4.66464		5	0	0	0.0226	0.1	10	93%	27	121	0%	
Benzo(g,h,i)perylene	A	ug/L	5.31008	5.31008		5	0	0	0.0267	0.1	10	106%	44	108	0%	
Benzo(k)fluoranthene	A	ug/L	4.35329	4.35329		5	0	0	0.0295	0.1	10	87%	44	111	0%	
Chrysene	A	ug/L	4.5155	4.5155		5	0	0	0.0458	0.1	10	90%	50	106	0%	
Dibenzo(a,h)anthracene	A	ug/L	5.23664	5.23664		5	0	0	0.0367	0.1	10	105%	47	111	0%	
Fluoranthene	A	ug/L	4.37405	4.37405		5	0	0	0.0233	0.1	10	87%	44	111	0%	
Fluorene	A	ug/L	3.99396	3.99396		5	0	0	0.0225	0.1	10	80%	42	99	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	5.20377	5.20377		5	0	0	0.0491	0.1	10	104%	33	112	0%	
Naphthalene	A	ug/L	3.84115	3.84115		5	0	0	0.029	0.1	10	77%	22	108	0%	
Phenanthrene	A	ug/L	4.62023	4.62023		5	0	0	0.0295	0.1	10	92%	43	106	0%	
Pyrene	A	ug/L	4.53831	4.53831		5	0	0	0.0239	0.1	10	91%	41	106	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15044417	LLCS-162980	SVOC-8270-W-	LCS	V5975.I\sh0125221	25/2022 3:24:0	1	162980	1/17/2022 1	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
2-Fluorobiphenyl	S	ug/L	3.10492	3.10492		5	0	0	0.0444	0.1	10	62%	25	94	0%	
Nitrobenzene-d5	S	ug/L	3.221	3.221		5	0	0	0.0523	0.1	10	64%	19	102	0%	
Terphenyl-d14	S	ug/L	5.17123	5.17123		5	0	0	0.0563	0.1	10	103%	39	106	0%	
o-Terphenyl	X	ug/L	4.35331	4.35331		5	0	0	0.0654	0.1	10	87%	40	140	0%	

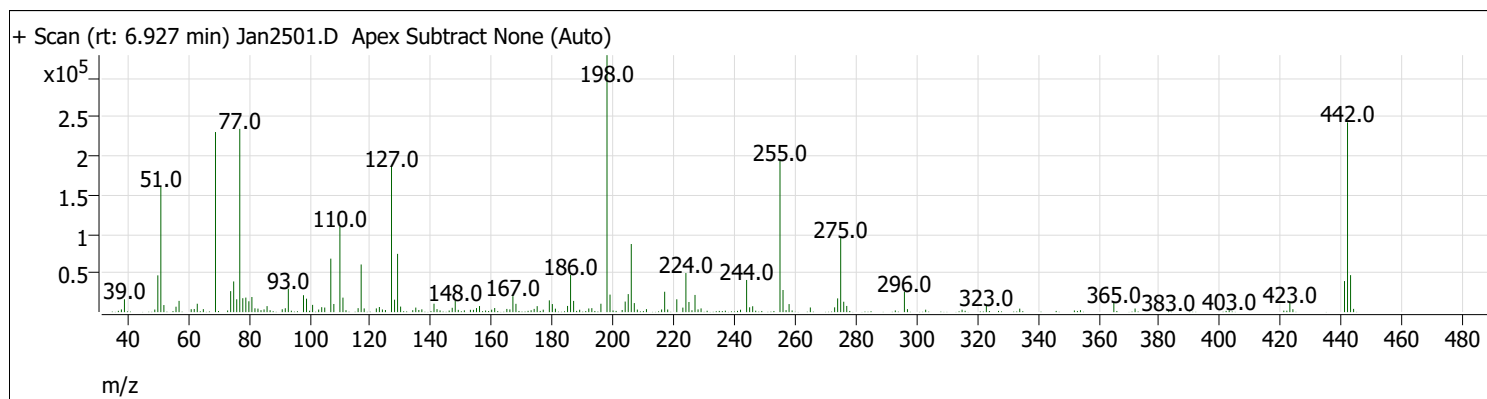
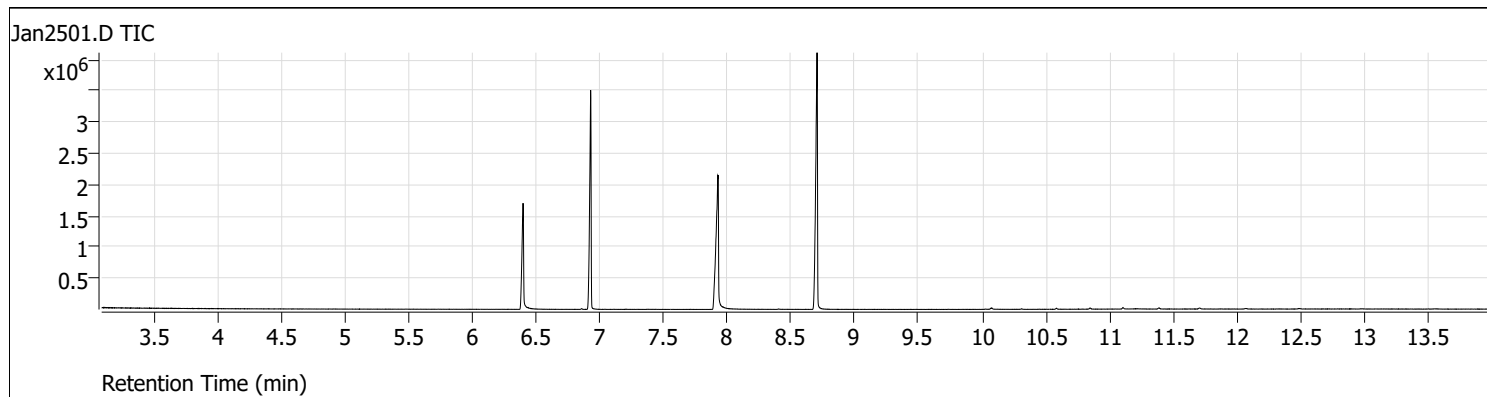
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15044418	LLCSD-162980	SVOC-8270-W-	LLCSD	V5975.I\sh0125221	25/2022 3:56:3	1	162980	1/17/2022 1	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	2.62748	2.62748		5	0	0	0.0206	0.1	10	53%	18	117	0%	
2-Methylnaphthalene	A	ug/L	2.83962	2.83962		5	0	0	0.0176	0.1	10	57%	18	117	0%	
Acenaphthene	A	ug/L	3.12468	3.12468		5	0	0	0.0317	0.1	10	62%	40	92	0%	
Acenaphthylene	A	ug/L	3.05761	3.05761		5	0	0	0.025	0.1	10	61%	37	96	0%	
Anthracene	A	ug/L	4.25425	4.25425		5	0	0	0.0283	0.1	10	85%	46	108	0%	
Benzo(a)anthracene	A	ug/L	5.03484	5.03484		5	0	0	0.0272	0.1	10	101%	41	105	0%	
Benzo(a)pyrene	A	ug/L	4.84189	4.84189		5	0	0	0.0347	0.1	10	97%	42	110	0%	
Benzo(b)fluoranthene	A	ug/L	5.00015	5.00015		5	0	0	0.0226	0.1	10	100%	27	121	0%	
Benzo(g,h,i)perylene	A	ug/L	5.37604	5.37604		5	0	0	0.0267	0.1	10	108%	44	108	0%	
Benzo(k)fluoranthene	A	ug/L	4.65688	4.65688		5	0	0	0.0295	0.1	10	93%	44	111	0%	
Chrysene	A	ug/L	4.7011	4.7011		5	0	0	0.0458	0.1	10	94%	50	106	0%	
Dibenzo(a,h)anthracene	A	ug/L	5.31771	5.31771		5	0	0	0.0367	0.1	10	106%	47	111	0%	
Fluoranthene	A	ug/L	4.4316	4.4316		5	0	0	0.0233	0.1	10	89%	44	111	0%	
Fluorene	A	ug/L	3.68243	3.68243		5	0	0	0.0225	0.1	10	74%	42	99	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	5.22502	5.22502		5	0	0	0.0491	0.1	10	105%	33	112	0%	
Naphthalene	A	ug/L	3.00508	3.00508		5	0	0	0.029	0.1	10	60%	22	108	0%	
Phenanthrene	A	ug/L	4.08603	4.08603		5	0	0	0.0295	0.1	10	82%	43	106	0%	
Pyrene	A	ug/L	4.59079	4.59079		5	0	0	0.0239	0.1	10	92%	41	106	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	3.1821	3.1821		5	0	0	0.0444	0.1	10	64%	25	94	0%	
Nitrobenzene-d5	S	ug/L	3.43698	3.43698		5	0	0	0.0523	0.1	10	69%	19	102	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
15044418	LLCSD-162980	SVOC-8270-W-	LCSD	V5975.I\sh0125221	25/2022 3:56:3	1	162980	1/17/2022	1	0	0					
Terphenyl-d14	S	ug/L	5.15027	5.15027		5	0	0	0.0563	0.1	10	103%	39	106	0%	
o-Terphenyl	X	ug/L	4.26049	4.26049		5	0	0	0.0654	0.1	10	85%	40	140	0%	

File Name	Sample Name	Line No.	Test Code	Multiplier	Divisor	Method Name
Jan2501.d	25-Jan-22_TUNE_1	1		1	1	5975Tune.M
Jan2502.d	25-Jan-22_CCV_2	2	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2503.d	25-Jan-22_ISTBLK_3	3	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2504.d	LLCS-162956	4	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2505.d	LLCSD-162956	5	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2506.d	B22010759-001CLMS	6	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2507.d	B22010759-001CLMSD	7	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2508.d	B22010757-001C	8	SVOC-8270C-SIM-W-LLPA	5	1	5975BNASIM.M
Jan2509.d	MB-162980	9	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2510.d	LLCS-162980	10	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2511.d	LLCSD-162980	11	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2512.d	B22010971-001C	12	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2513.d	B22010972-001C	13	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2514.d	B22010972-001CLMS	14	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2515.d	B22010973-001C	15	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2516.d	B22010974-001C	16	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2517.d	B22010975-001C	17	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2518.d	B22010976-001C	18	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2519.d	B22010977-001C	19	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2520.d	B22010978-001C	20	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2521.d	B22010979-001C	21	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2522.d	B22010980-001C	22	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2523.d	B22010980-001CLMS	23	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2524.d	25-Jan-22_CCV_24	24	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2525.d	25-Jan-22_TUNE_25	25		1	1	5975Tune.M
Jan2526.d	25-Jan-22_CCV_26	26	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2527.d	25-Jan-22_ISTBLK_27	27	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2528.d	MB-163072	28	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2529.d	LLCS-163072	29	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2530.d	LLCSD-163072	30	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2531.d	B22011124-001C	31	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2532.d	B22011125-001C	32	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2533.d	B22011126-001C	33	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2534.d	B22011127-001C	34	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2535.d	B22011128-001C	35	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2536.d	B22011129-001C	36	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2537.d	B22011130-001C	37	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2538.d	B22011131-001C	38	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2539.d	B22011132-001C	39	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2540.d	B22011133-001C	40	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2541.d	B22011134-001C	41	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2542.d	B22011134-002A	42	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2543.d	B22011135-001C	43	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2544.d	B22011136-001C	44	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2545.d	B22011136-001CLMS	45	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2546.d	B22011136-001CLMSD	46	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2547.d	B22011137-001C	47	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2548.d	25-Jan-22_CCV_48	48	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M

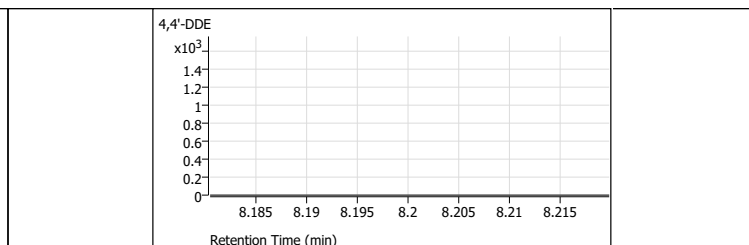
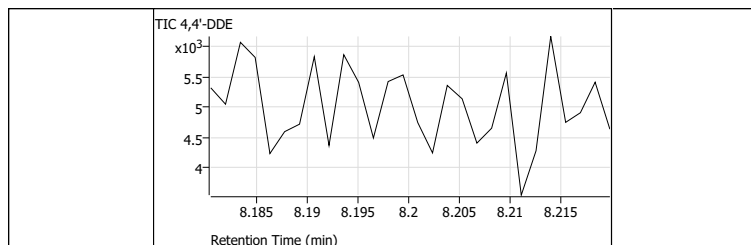
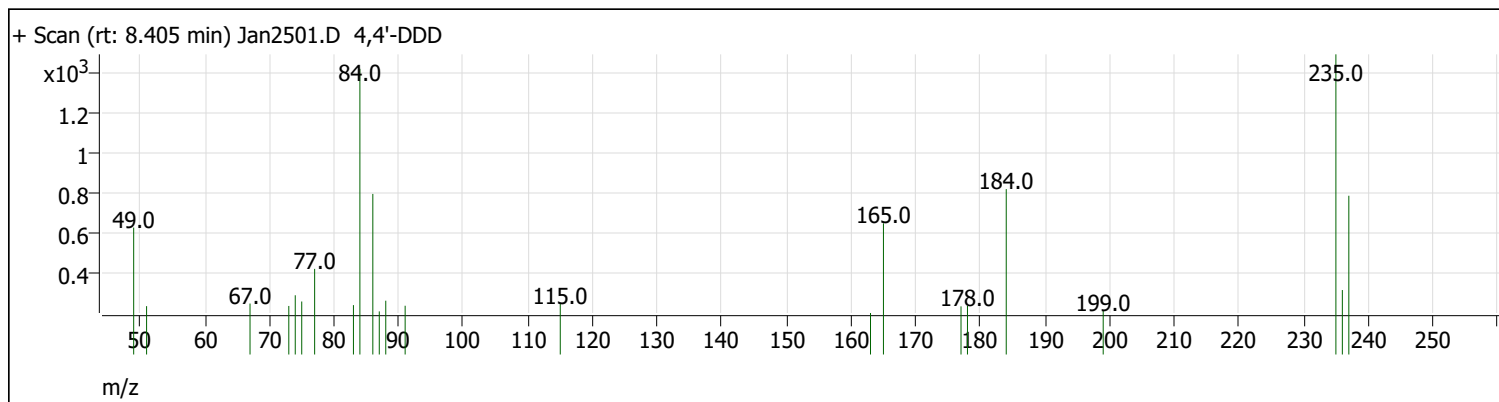
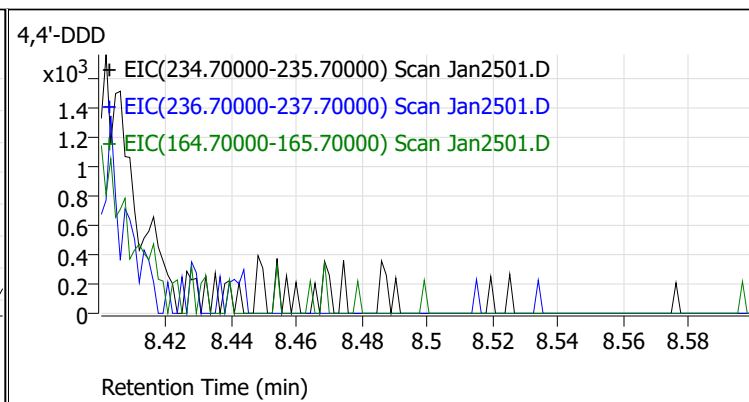
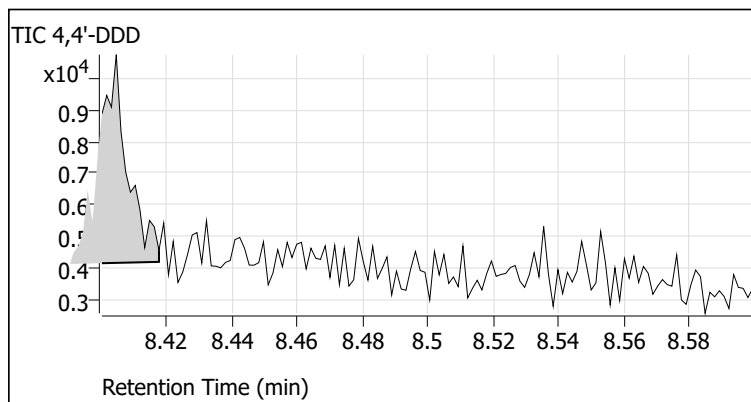
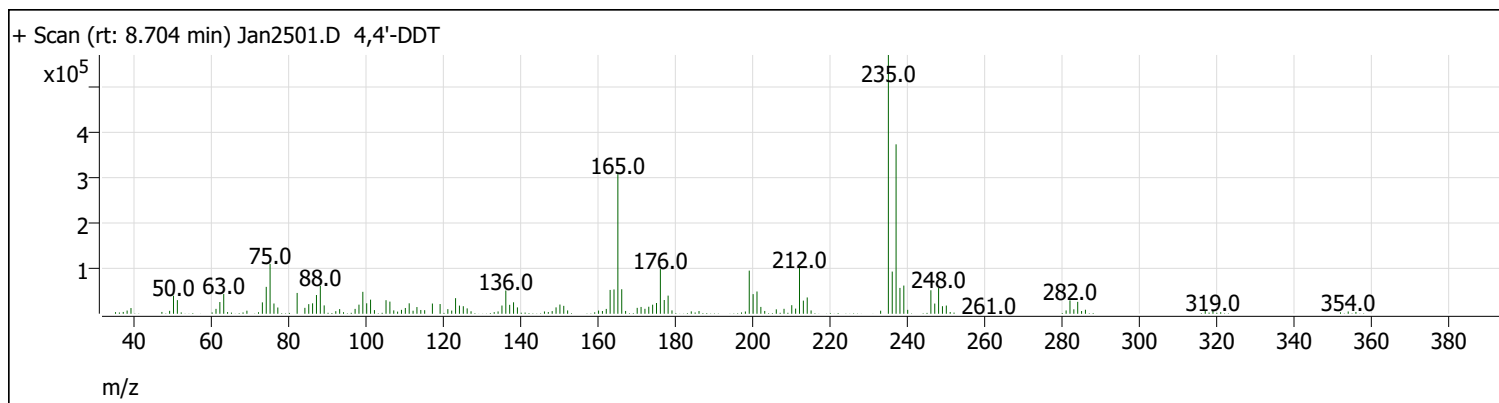
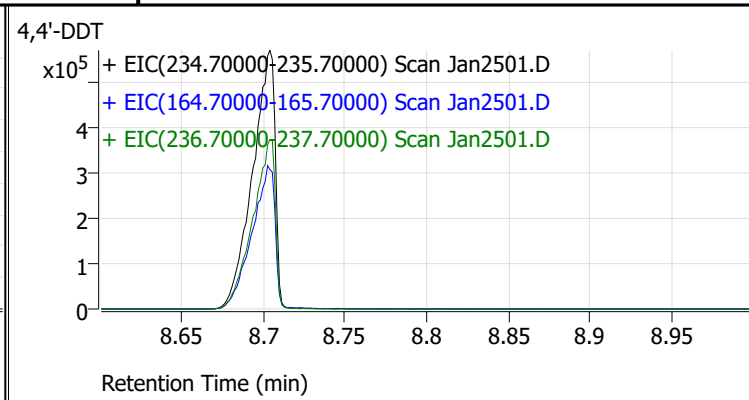
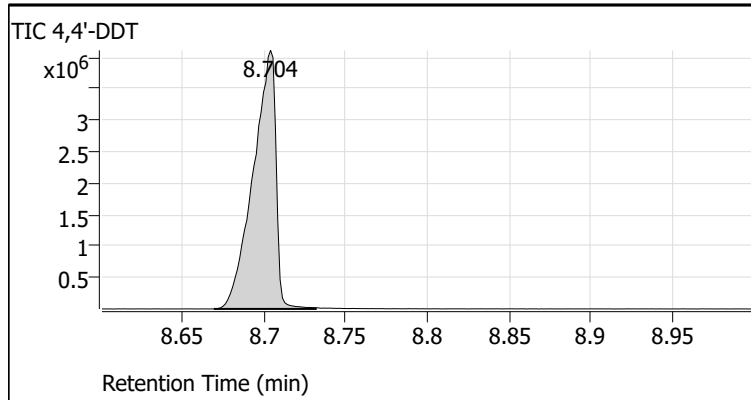
# Tune Evaluation Report

Data Path: \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIMJan2501.D  
 Acq on: 1/25/2022 10:40:06 AM  
 Operator: LIMS import  
 Sample: 25-Jan-22\_TUNE\_1  
 Inst Name: GCMS  
 ALS Vial: 1  
 Method: \\MASSHUNTER\Org\Data\SV5975.I\Methods\DFTPP5975625.m



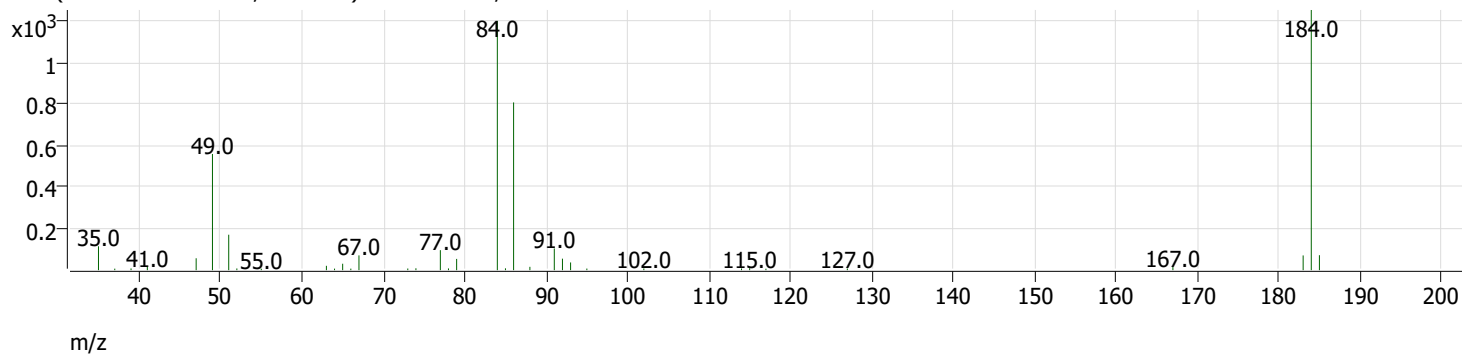
Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
51	198	30	60	48.7	160192	Pass
68	69	0	2	0.0	0	Pass
70	69	0	2	0.6	1450	Pass
127	198	40	60	56.5	185984	Pass
197	198	0	1	0.0	0	Pass
198	198	100	100	100.0	328960	Pass
199	198	5	9	6.8	22448	Pass
275	198	10	30	28.8	94776	Pass
365	198	1	100	3.7	12099	Pass
441	443	1E-10	150	84.0	39768	Pass
442	198	40	100	73.9	242944	Pass
443	442	17	23	19.5	47352	Pass
69	69	100	100	100.0	230528	Pass

# Tune Evaluation Report



# Tune Evaluation Report

+ Scan (rt: 8.181-8.220 min, 28 scans) Jan2501.D 4,4'-DDE

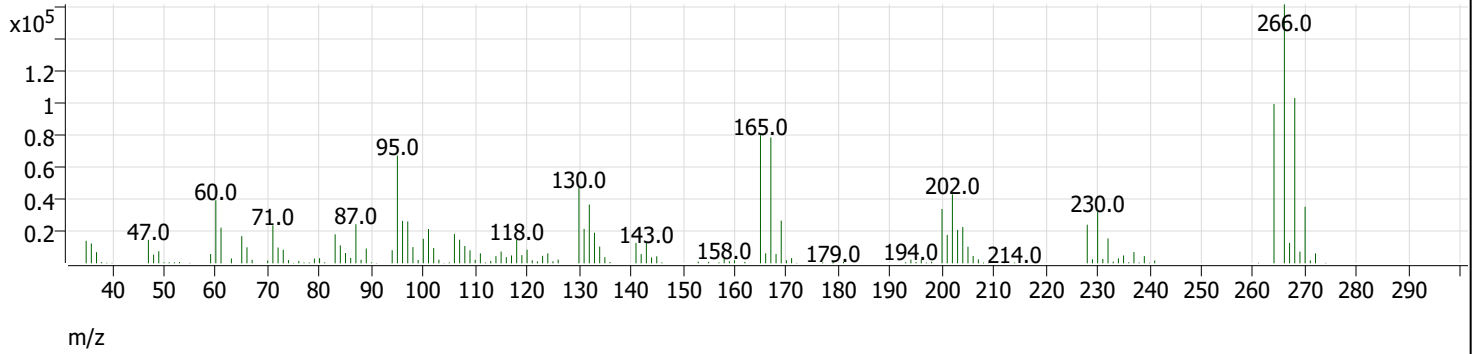


Compound Name	Expected RT	Observed RT	TIC Area	Breakdown %	Pass/Fail
4,4'-DDT	8.800	8.704	3982189	0.1	Pass
4,4'-DDD	8.500	8.405	4090		
4,4'-DDE	8.200	0.000	0		

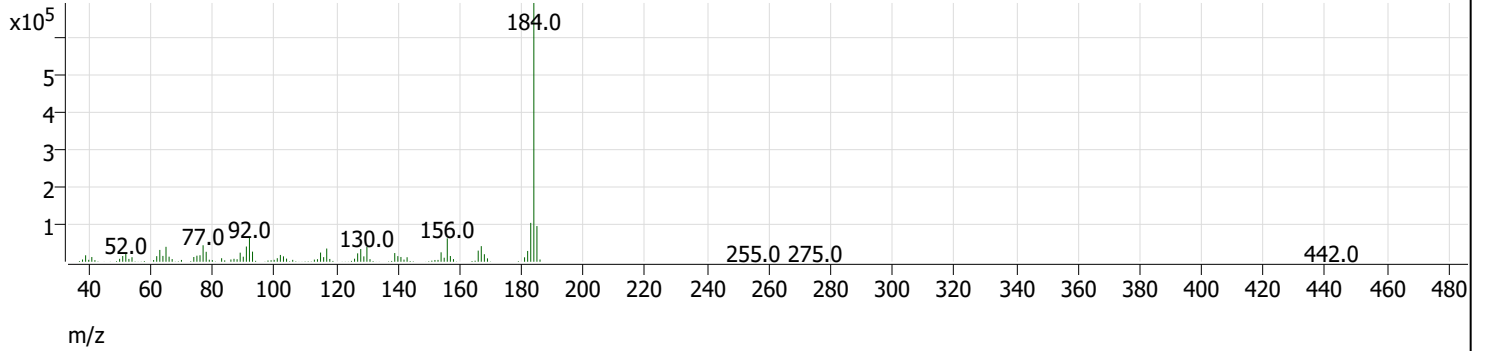


# Tune Evaluation Report

+ Scan (rt: 6.396 min) Jan2501.D Pentachlorophenol



+ Scan (rt: 7.927 min) Jan2501.D Benzidine

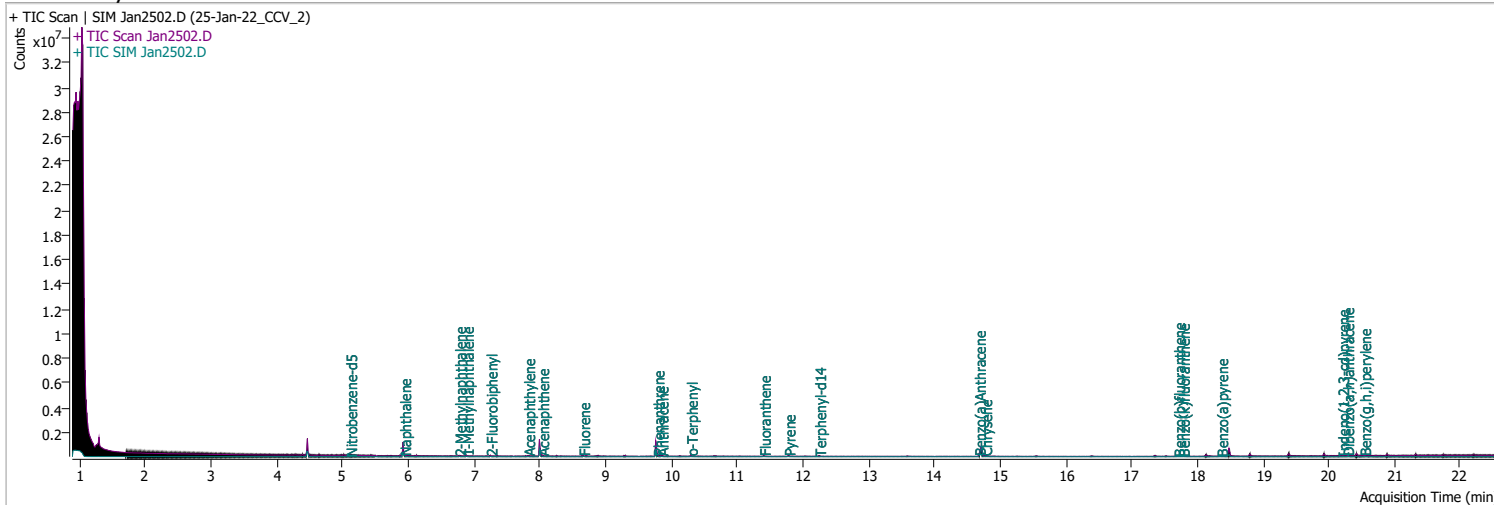


Compound Name	Expected RT	Observed RT	Tailing Factor	PGF	Pass/Fail
Pentachlorophenol	6.800	6.396	0.5	0.4	Pass
Benzidine	8.400	7.927	0.2	0.2	Pass

# Quantitation Results Report (QT Reviewed)

Data File	Jan2502.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 11:03:53 AM
Sample Name	25-Jan-22_CCV_2	Instrument	GCMS
Vial	2	Multiplier	1.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	203724	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	385965	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.000	164.0	212800	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	451369	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	300657	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	209936	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	7316	1.8890	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 37.78%		
S 2-Fluorobiphenyl	7.252	172.0	18811	1.8390	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 36.78%		
S o-Terphenyl	10.299	230.0	13479	1.8348	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 36.70%		*
S Terphenyl-d14	12.251	244.0	12389	2.2385	ng/ml	-0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 44.77%		
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	24041	1.8004	ng/ml	97
T 2-Methylnaphthalene	6.777	141.0	13855	1.8589	ng/ml	96
T 1-Methylnaphthalene	6.890	141.0	14233	1.8107	ng/ml	91
T Acenaphthylene	7.826	152.0	23489	1.8012	ng/ml	99
T Acenaphthene	8.038	154.0	13362	1.6018	ng/ml	m 97
T Fluorene	8.661	166.0	18398	1.8639	ng/ml	98
T Phenanthrene	9.793	178.0	27115	1.9459	ng/ml	93
T Anthracene	9.854	178.0	24819	2.0398	ng/ml	100
T Fluoranthene	11.411	202.0	27306	1.7837	ng/ml	96
T Pyrene	11.781	202.0	29703	1.9611	ng/ml	97
T Benzo(a)Anthracene	14.677	228.0	20654	2.1640	ng/ml	99
T Chrysene	14.776	228.0	25013	1.8177	ng/ml	95
T Benzo(b)fluoranthene	17.708	252.0	16967	1.7939	ng/ml	98

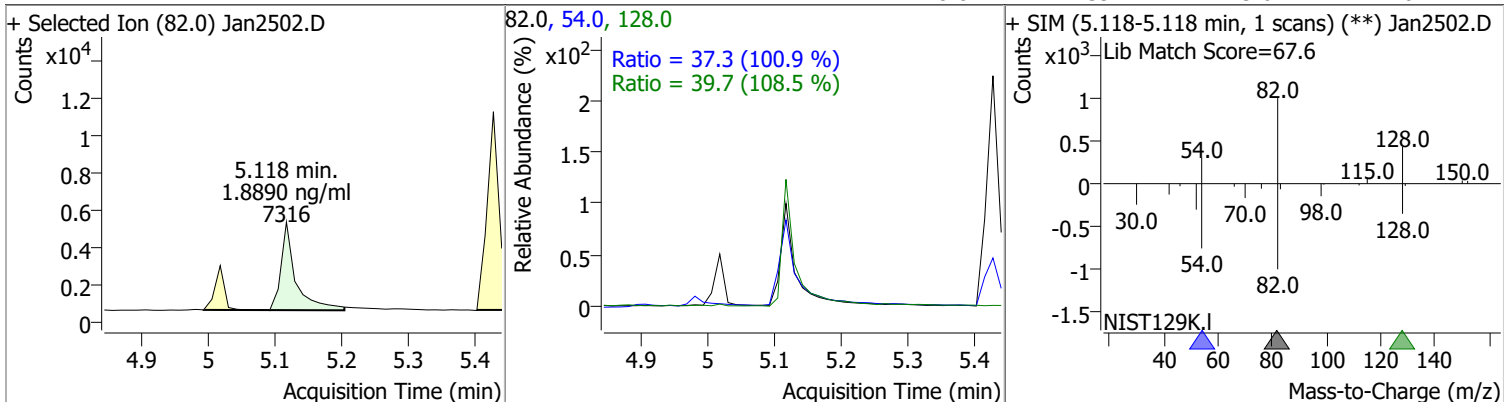
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.783	252.0	20653	1.9137	ng/ml	96
T Benzo(a)pyrene	18.363	252.0	16076	2.2233	ng/ml	97
T Indeno(1,2,3-cd)pyrene	20.204	276.0	14815	2.1488	ng/ml	97
T Dibenzo(a,h)anthracene	20.279	278.0	16885	2.0133	ng/ml	95
T Benzo(g,h,i)perylene	20.538	276.0	20982	2.0965	ng/ml	98

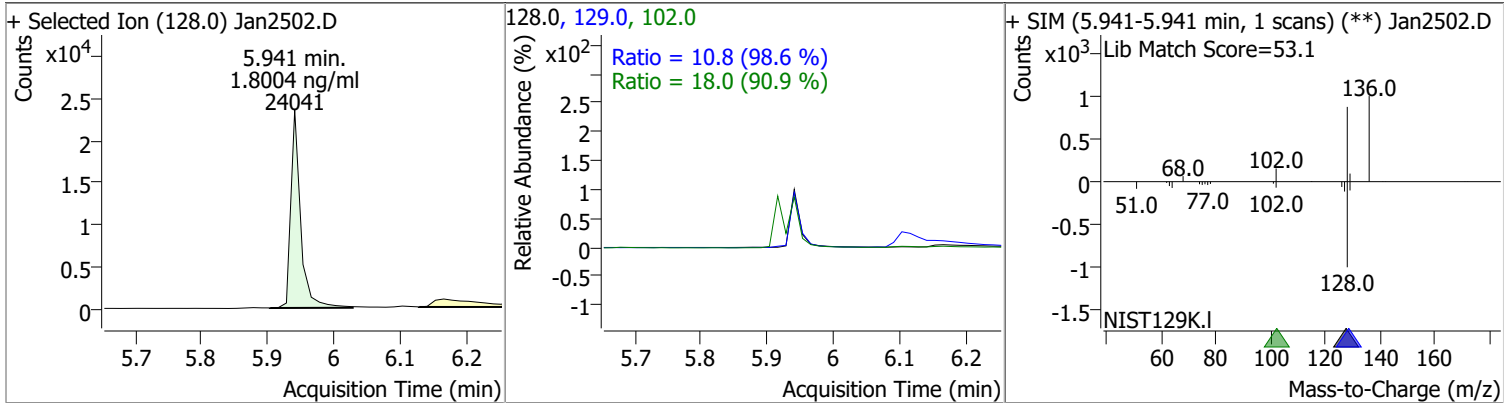
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

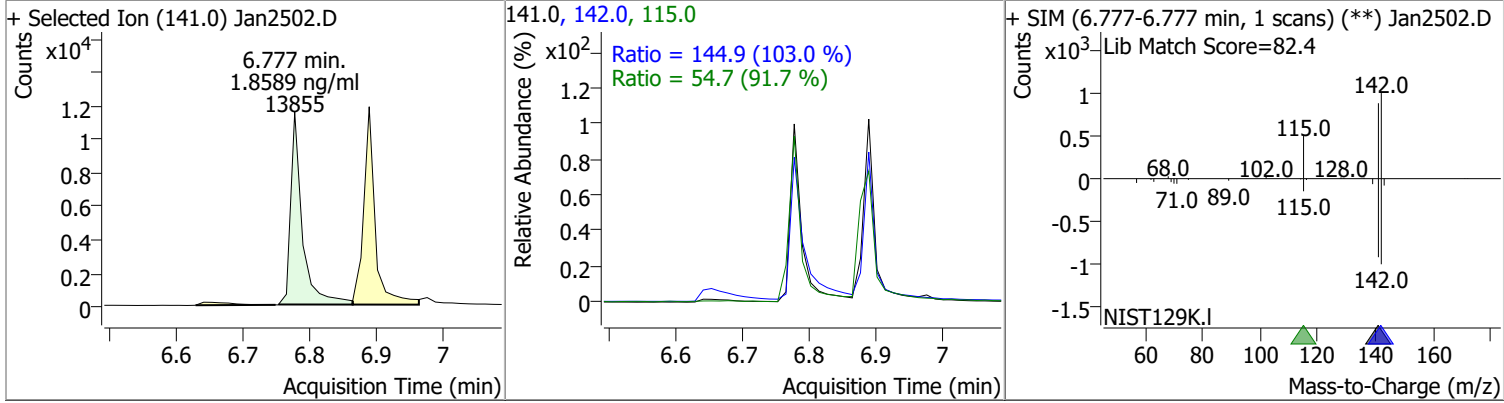
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	1.8890	5.12	-0.02	7316	54.0	37.3	25.9	48.1
					128.0	39.7	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	1.8004	5.94	-0.01	24041	102.0	18.0	0.0	59.6
					129.0	10.8	7.7	14.3

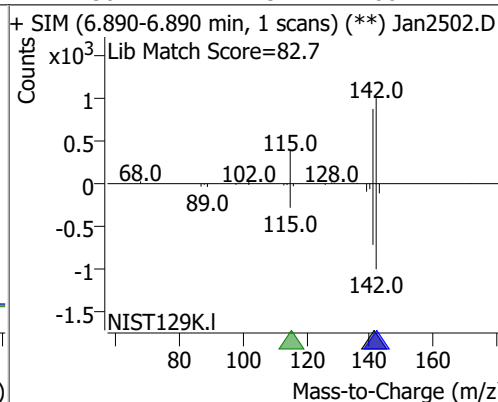
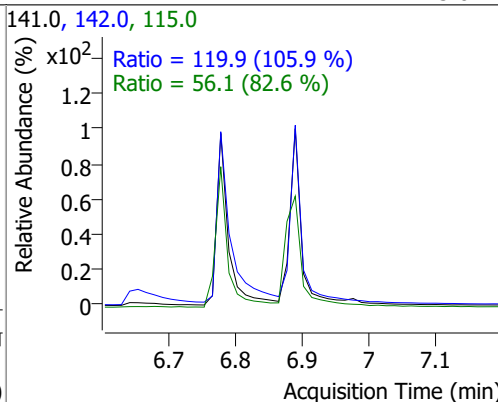
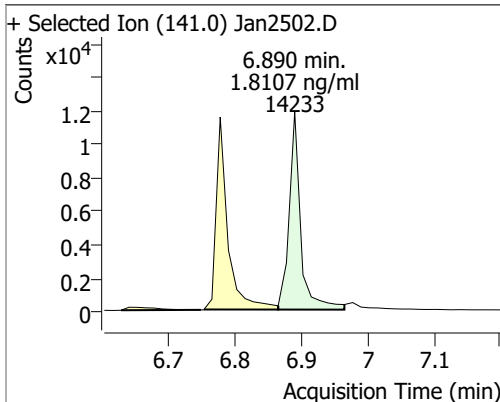


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	1.8589	6.78	-0.01	13855	142.0	144.9	98.5	183.0
					115.0	54.7	41.8	77.6

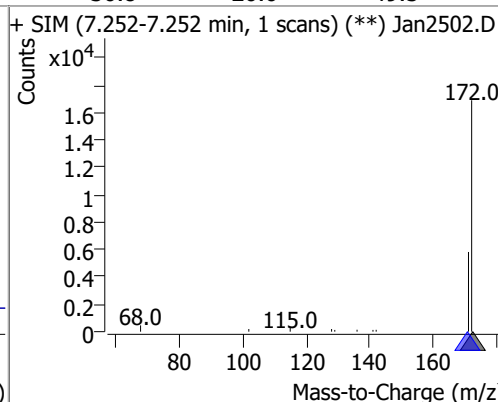
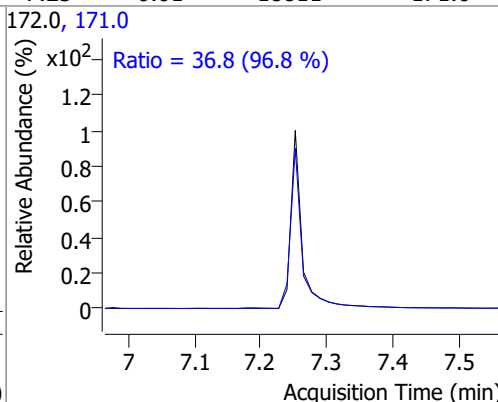
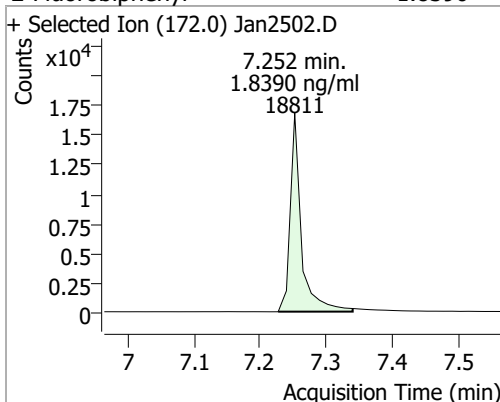


# Quantitation Results Report (QT Reviewed)

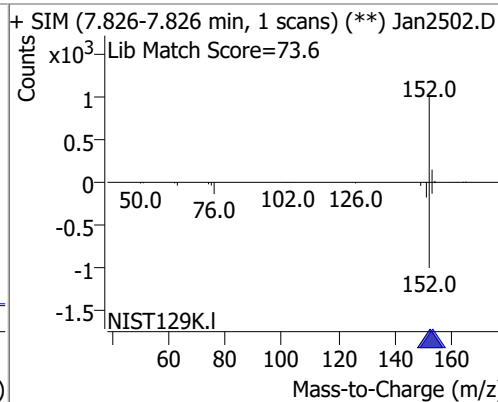
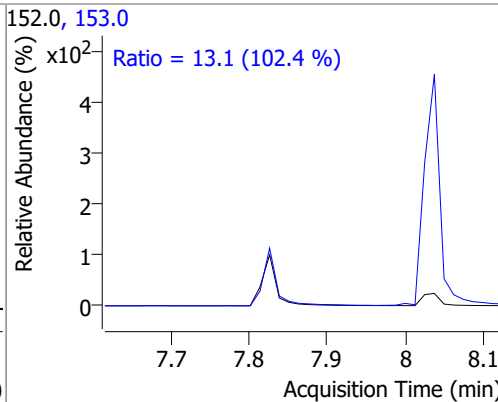
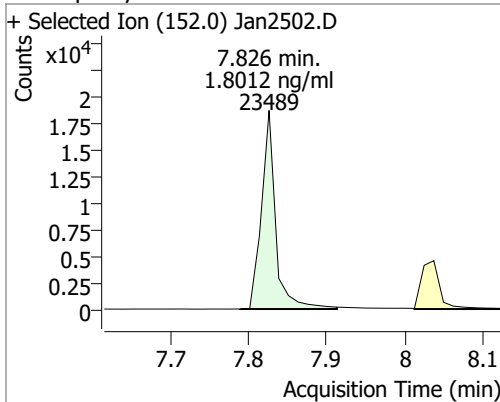
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	1.8107	6.89	-0.01	14233	142.0	119.9	79.2	147.1
					115.0	56.1	47.5	88.2



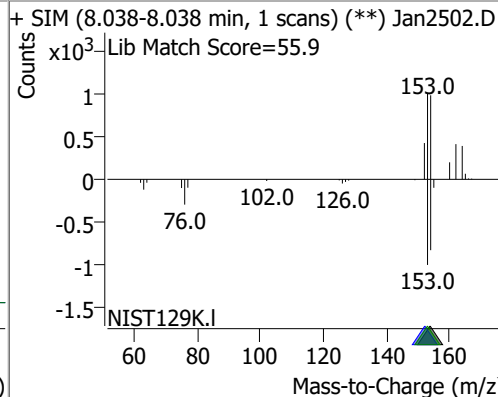
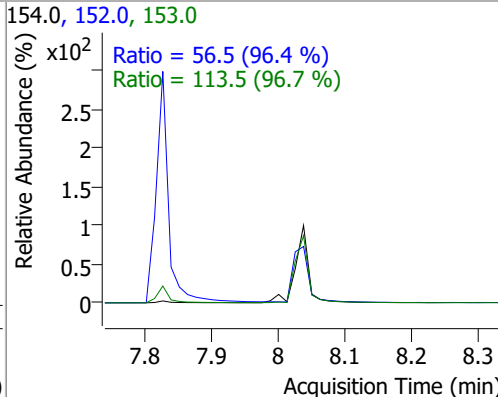
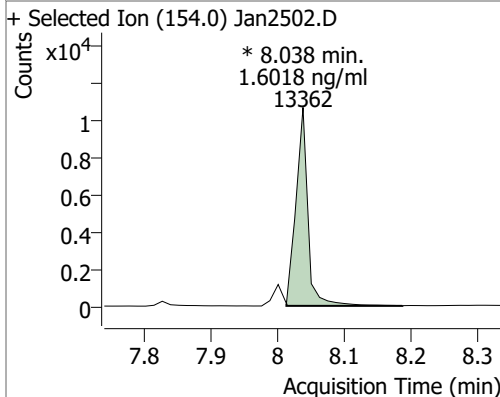
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	1.8390	7.25	-0.01	18811	171.0	36.8	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	1.8012	7.83	0.00	23489	153.0	13.1	9.0	16.6

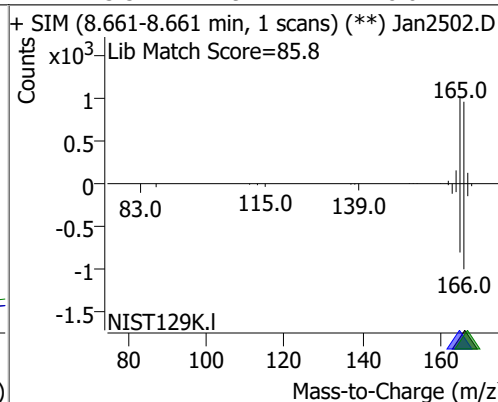
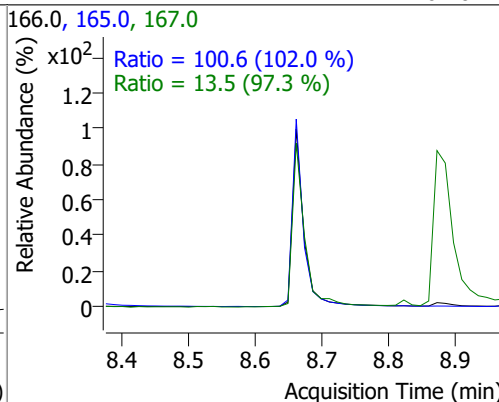
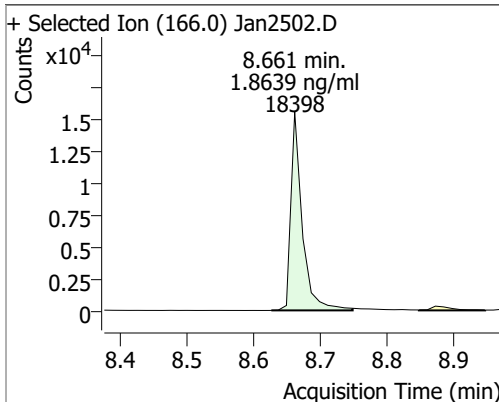


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	1.6018	8.04	0.00	13362 (m)	153.0	113.5	82.1	152.6
					152.0	56.5	41.0	76.1

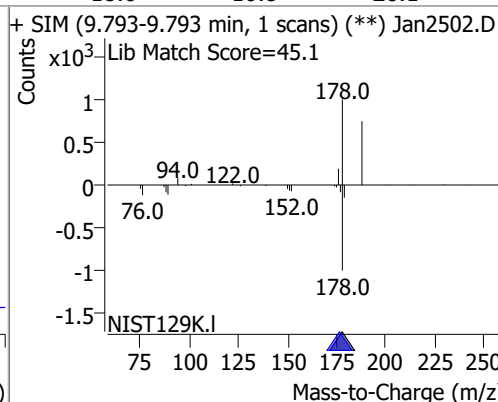
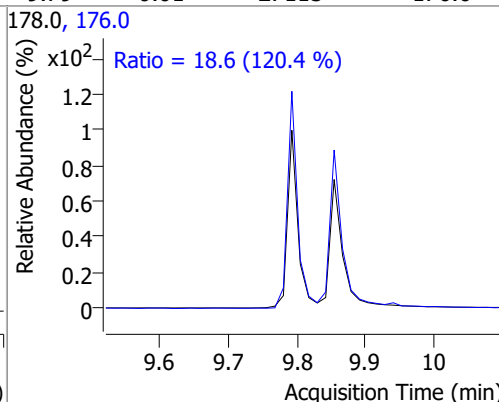
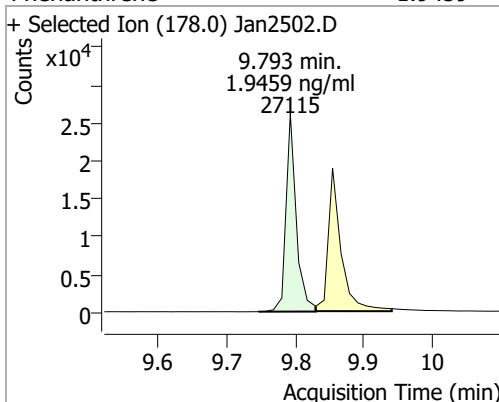


# Quantitation Results Report (QT Reviewed)

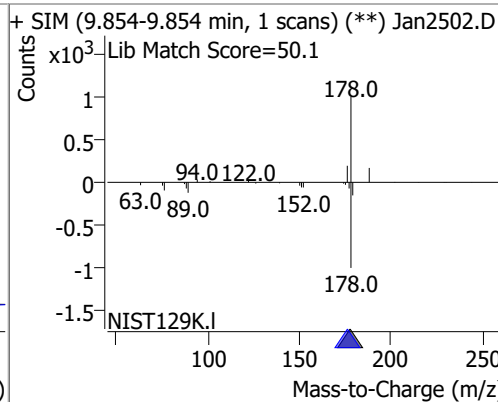
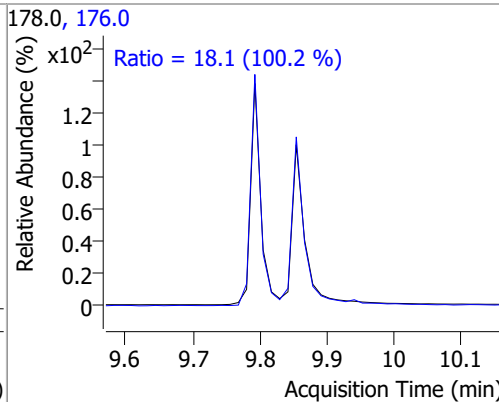
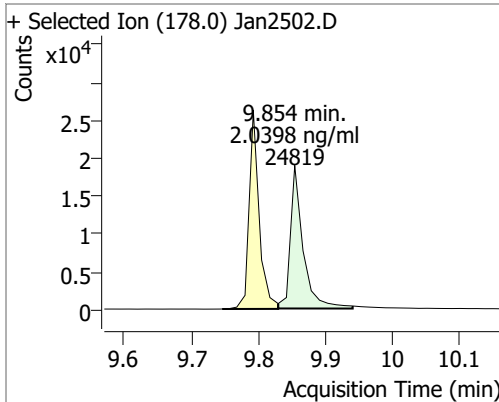
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	1.8639	8.66	-0.01	18398	165.0 167.0	100.6 13.5	69.1 9.7	128.3 18.0



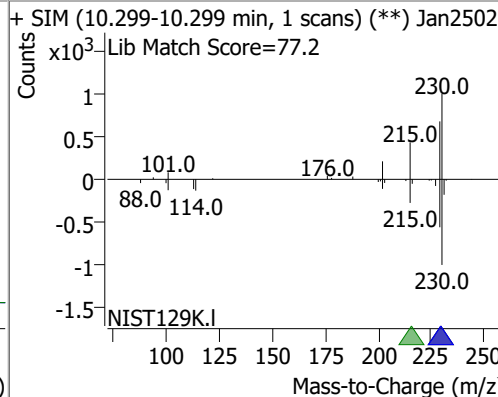
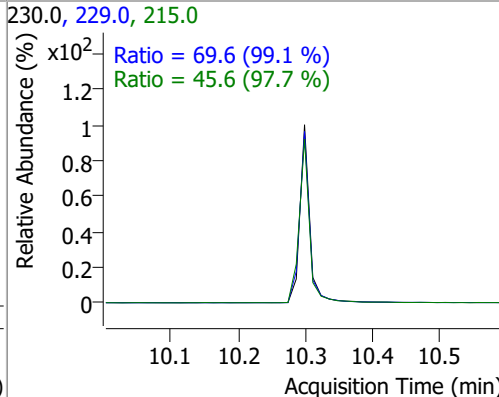
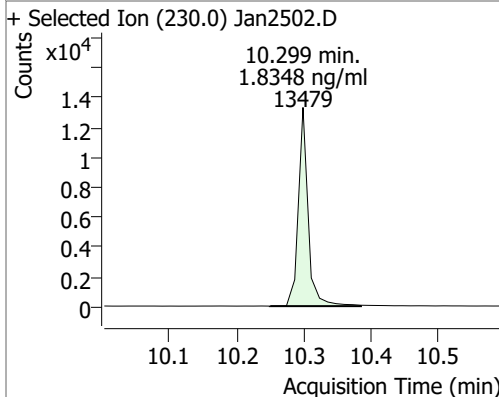
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	1.9459	9.79	-0.01	27115	176.0	18.6	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	2.0398	9.85	-0.01	24819	176.0	18.1	12.7	23.5

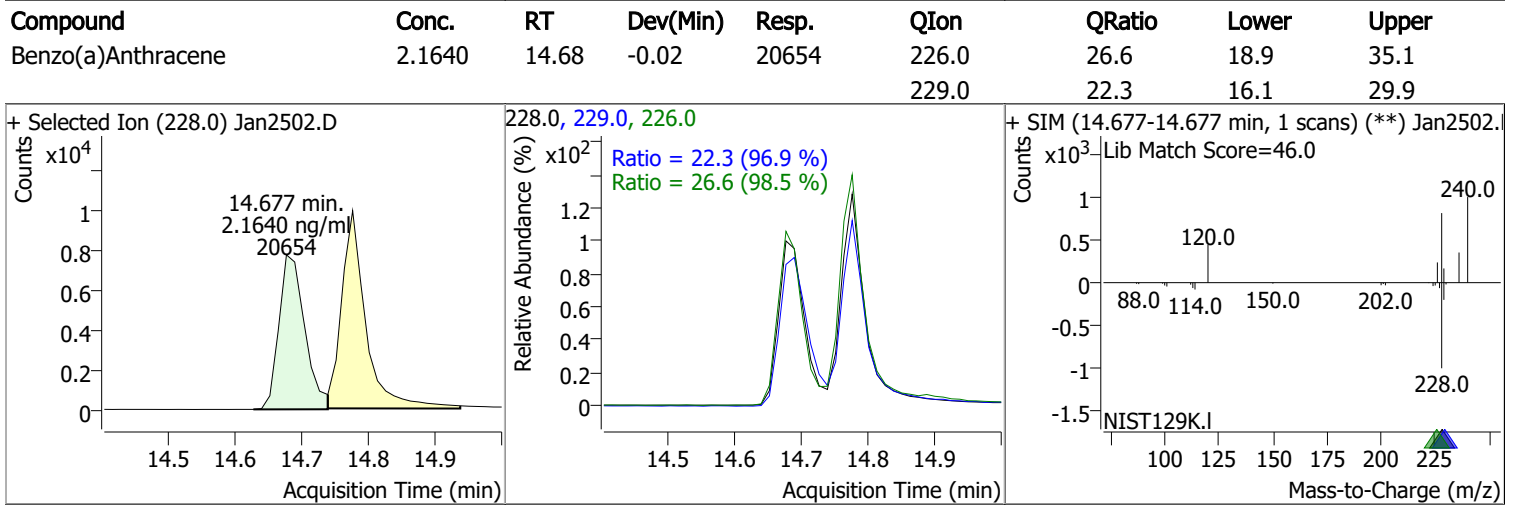
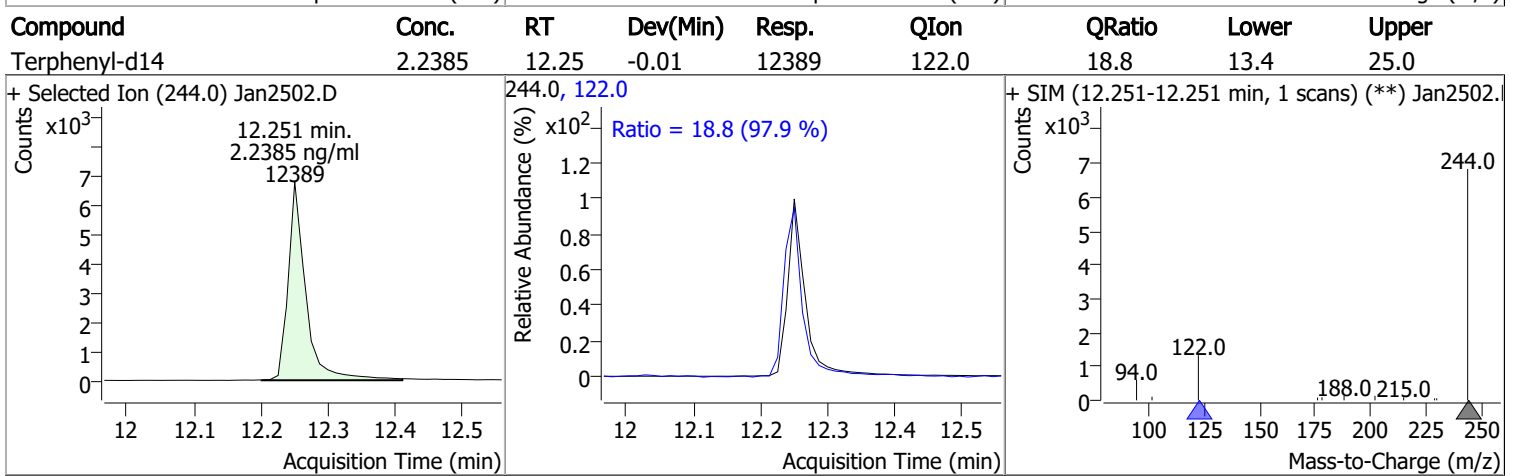
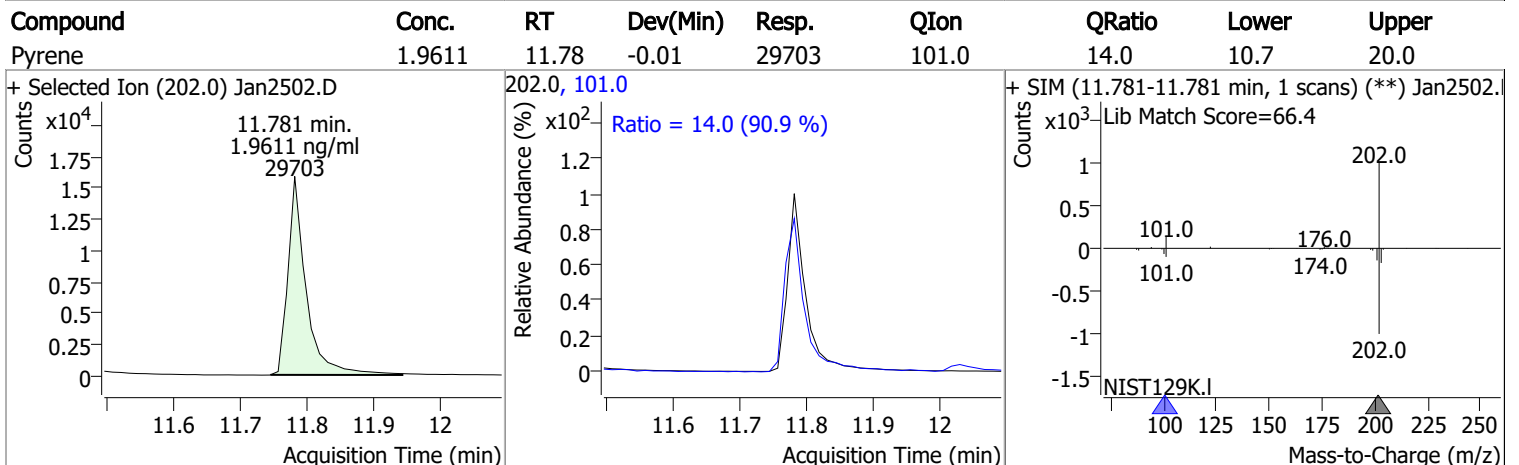
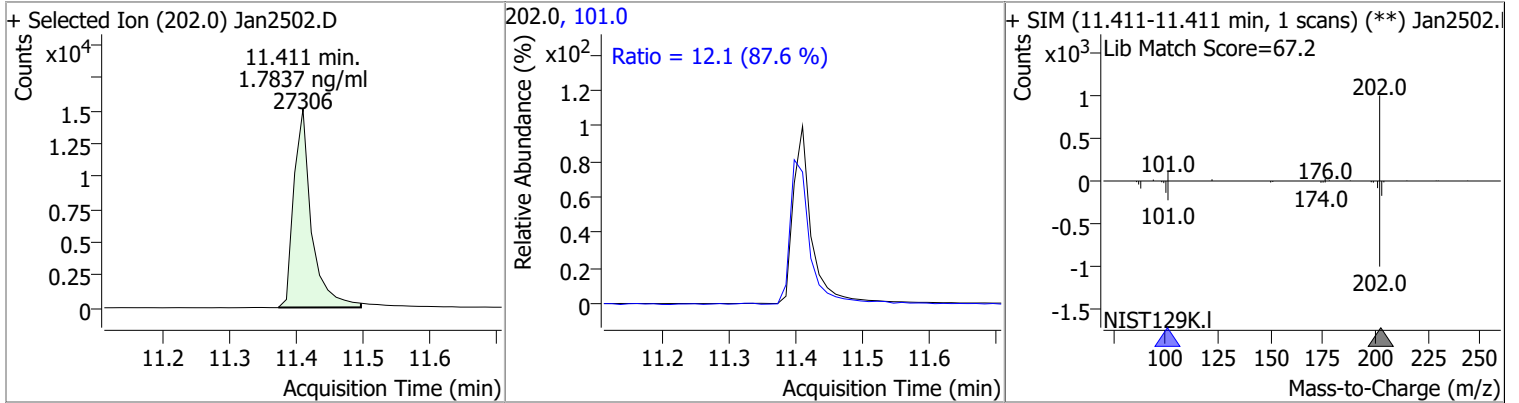


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	1.8348	10.30	0.00	13479	229.0 215.0	69.6 45.6	49.2 32.7	91.3 60.7



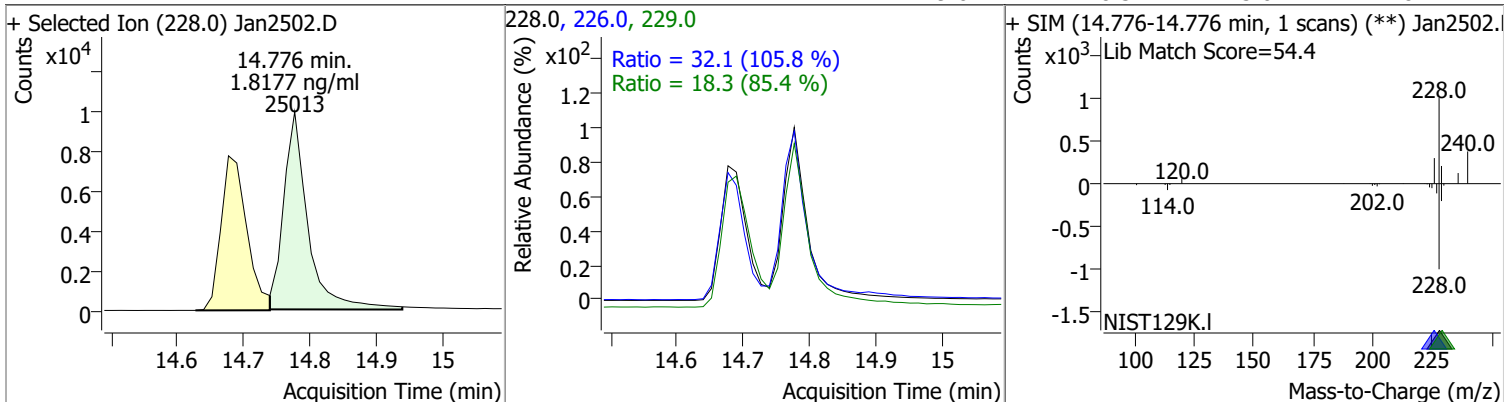
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
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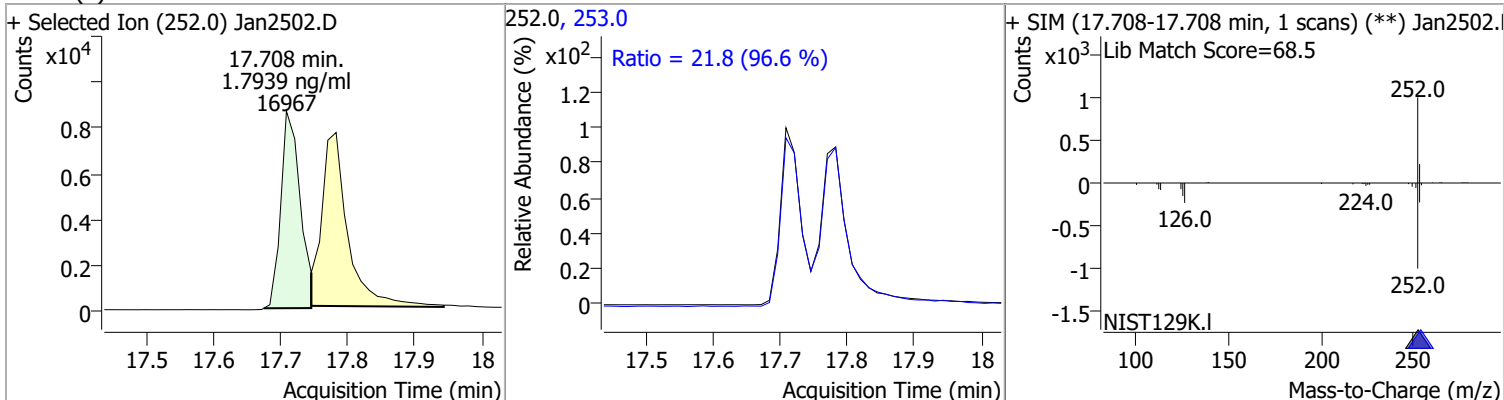


# Quantitation Results Report (QT Reviewed)

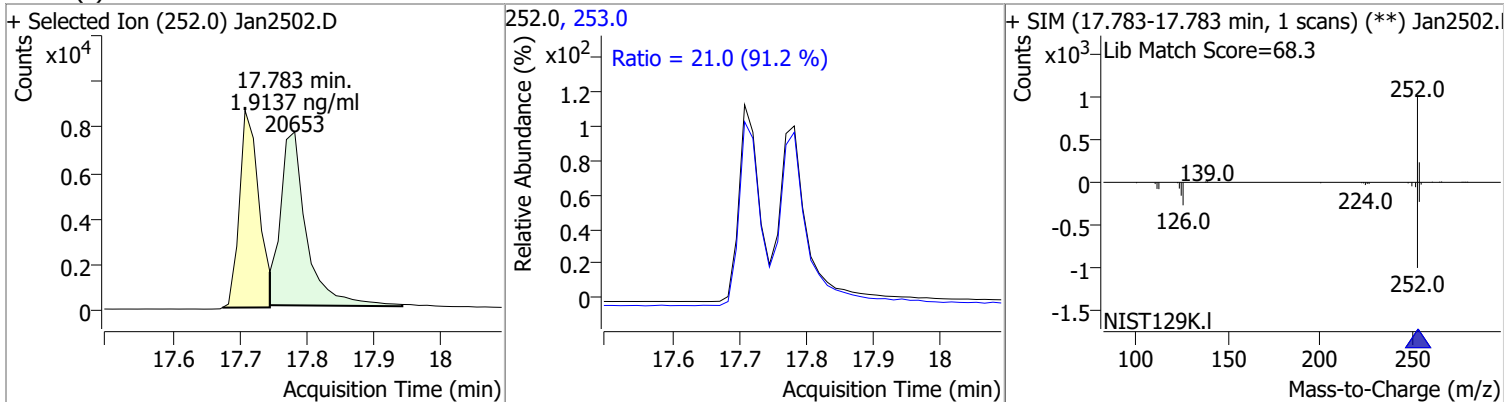
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	1.8177	14.78	-0.01	25013	226.0	32.1	21.2	39.4
					229.0	18.3	15.0	27.8



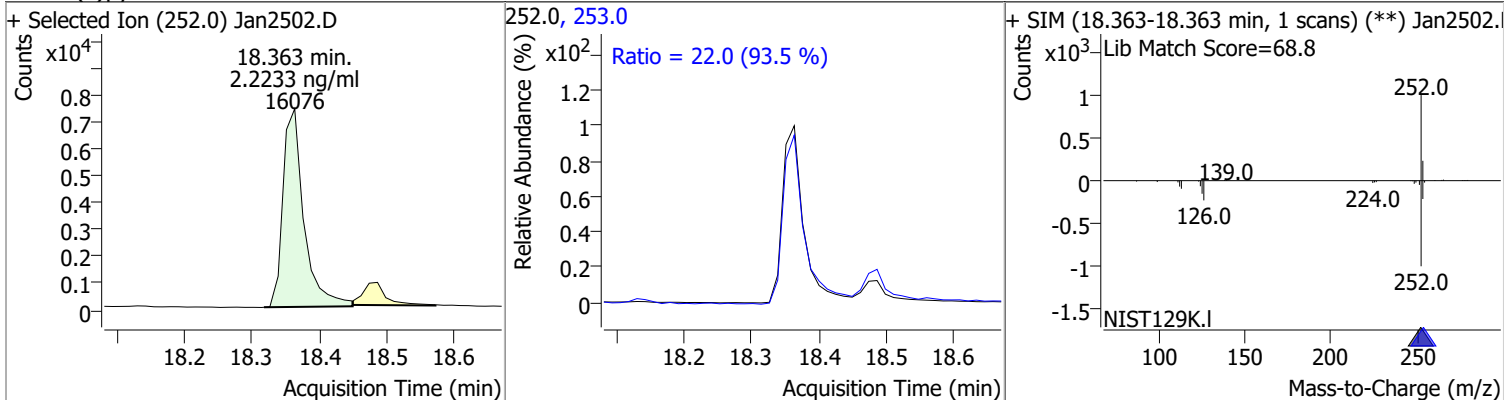
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	1.7939	17.71	-0.02	16967	253.0	21.8	15.8	29.4



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	1.9137	17.78	-0.01	20653	253.0	21.0	16.1	29.9

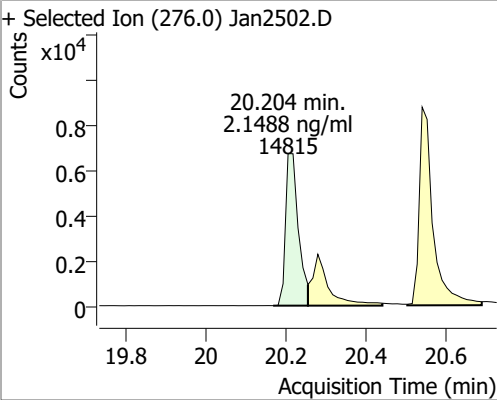
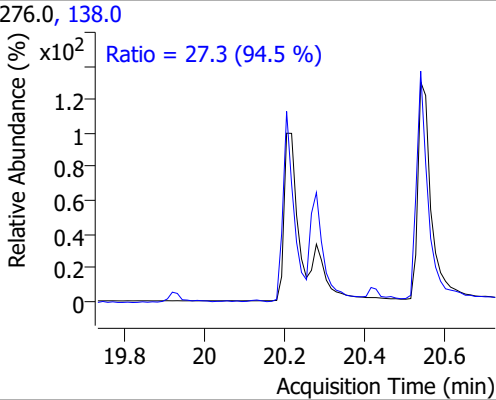
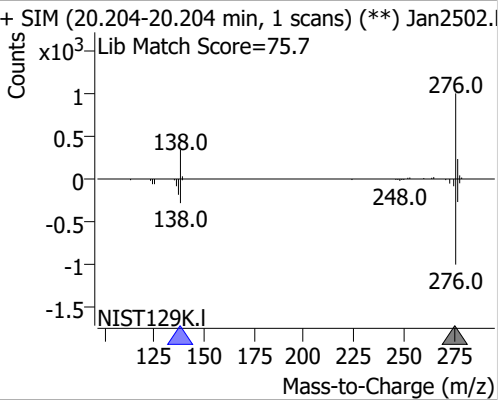
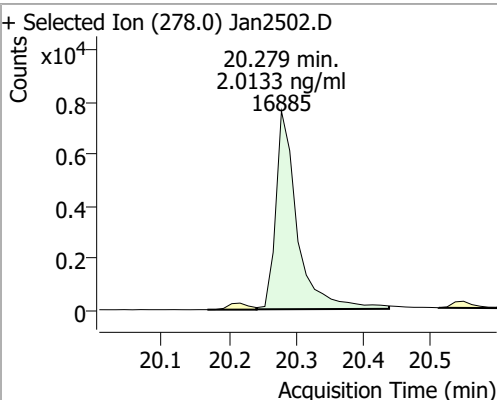
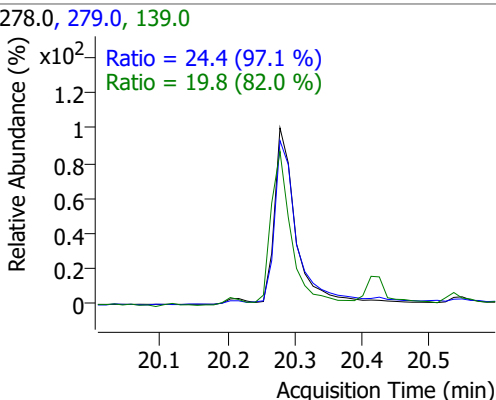
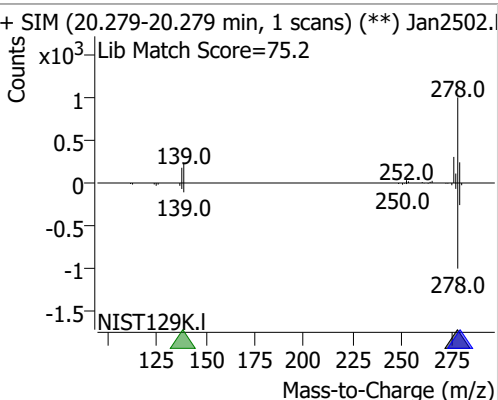
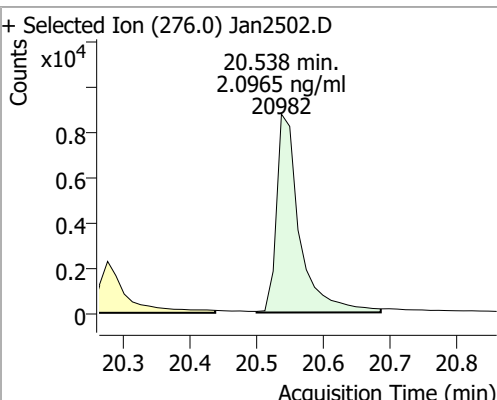
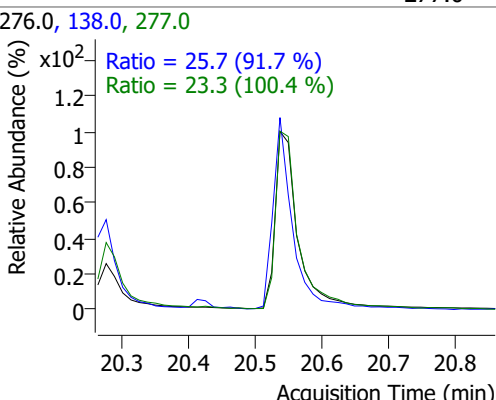
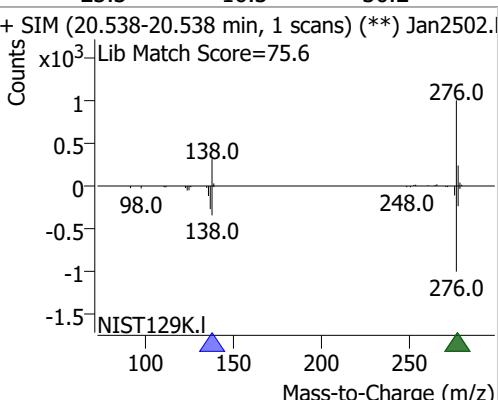


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	2.2233	18.36	-0.01	16076	253.0	22.0	16.5	30.6





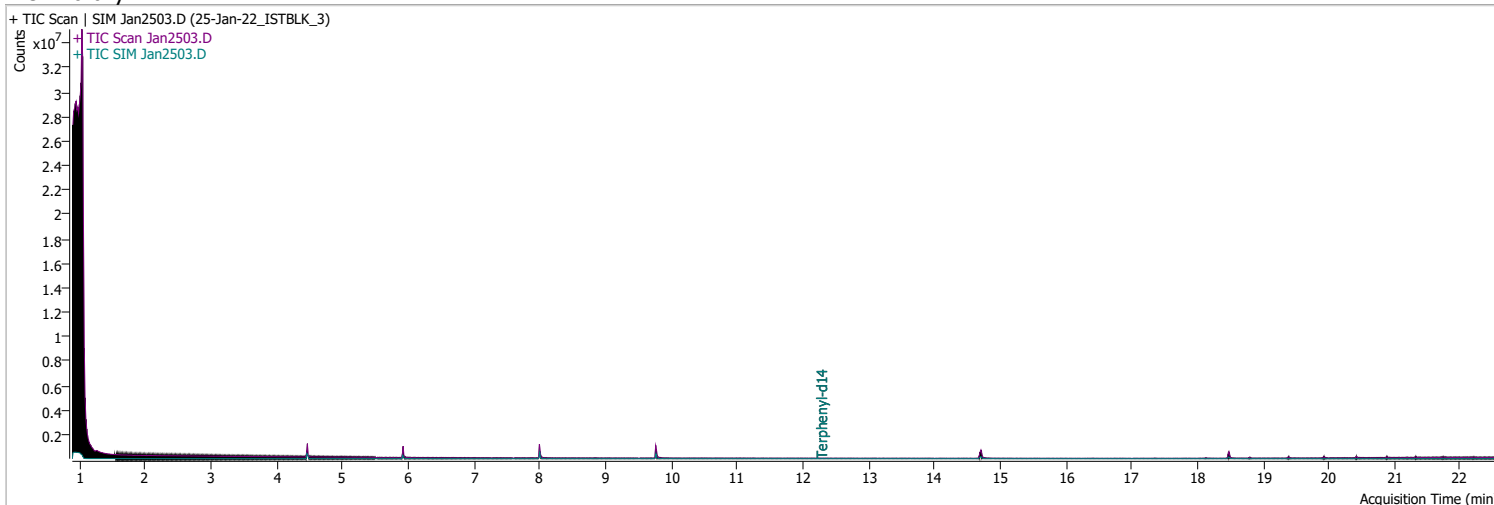
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	2.1488	20.20	-0.02	14815	138.0	27.3	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2502.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 27.3 (94.5 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan2502.I</p> <p>Lib Match Score=75.7</p>  </div> </div>								
Dibenzo(a,h)anthracene	2.0133	20.28	-0.02	16885	279.0	24.4	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2502.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 24.4 (97.1 %)</p> <p>Ratio = 19.8 (82.0 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.279-20.279 min, 1 scans) (**) Jan2502.I</p> <p>Lib Match Score=75.2</p>  </div> </div>								
Benzo(g,h,i)perylene	2.0965	20.54	-0.02	20982	138.0	25.7	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2502.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 25.7 (91.7 %)</p> <p>Ratio = 23.3 (100.4 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan2502.I</p> <p>Lib Match Score=75.6</p>  </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan2503.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 11:36:17 AM
Sample Name	25-Jan-22_ISTBLK_3	Instrument	GCMS
Vial	3	Multiplier	1.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	174159	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	343017	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.000	164.0	198172	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	391423	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	268576	40.0000	ng/ml	-0.012
M Perylene-d12	18.475	264.0	179185	40.0000	ng/ml	-0.025
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = NA%		
S 2-Fluorobiphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = NA%		
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.263	244.0	897	0.1526	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 3.05%	*	
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.025	154.0	0		ng/ml	md 1
T Fluorene	0.000		0	N.D.		
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.701	228.0	0		ng/ml	md 1
T Chrysene	14.776	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	0.000		0	N.D.		

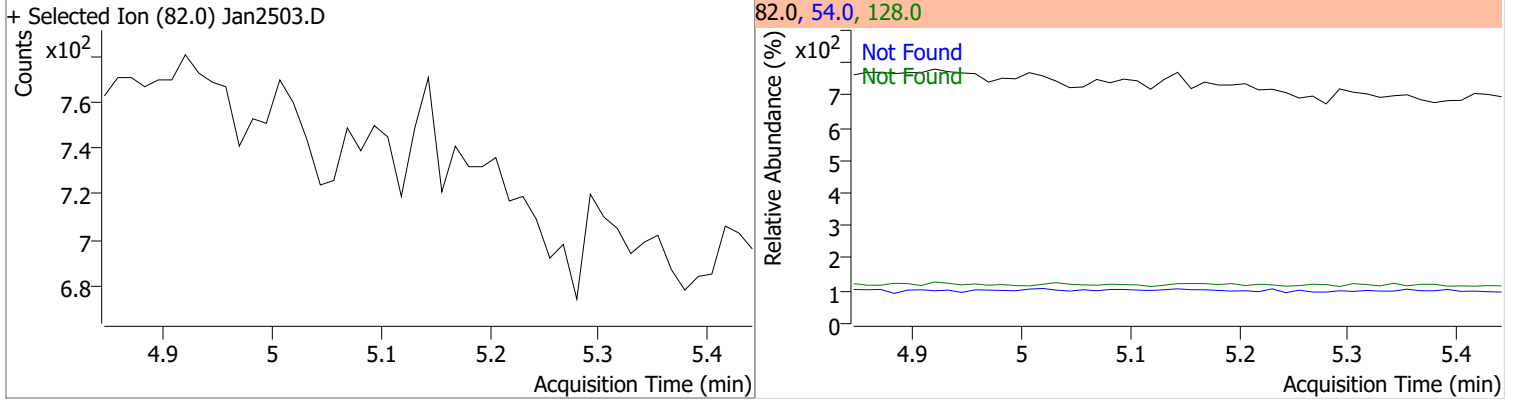
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.363	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

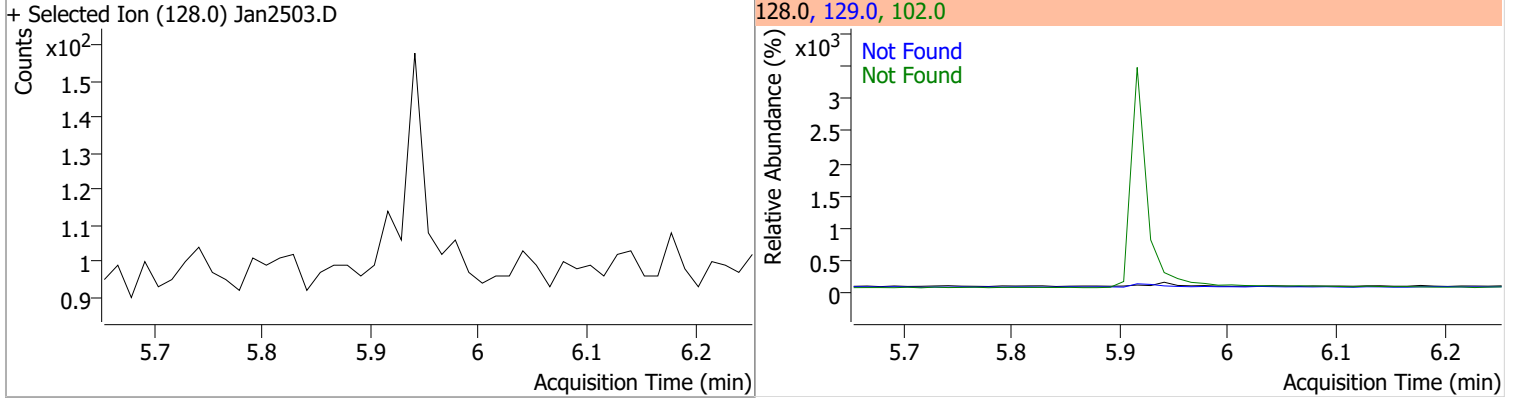
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

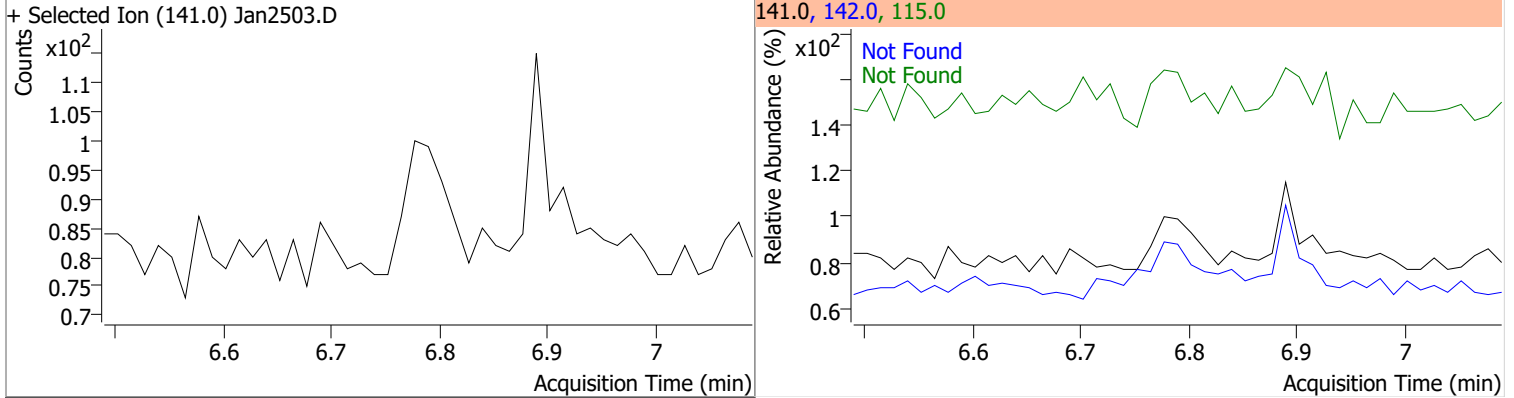
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Nitrobenzene-d5	N.D.	5.14	54.0	37.0	128.0	36.6



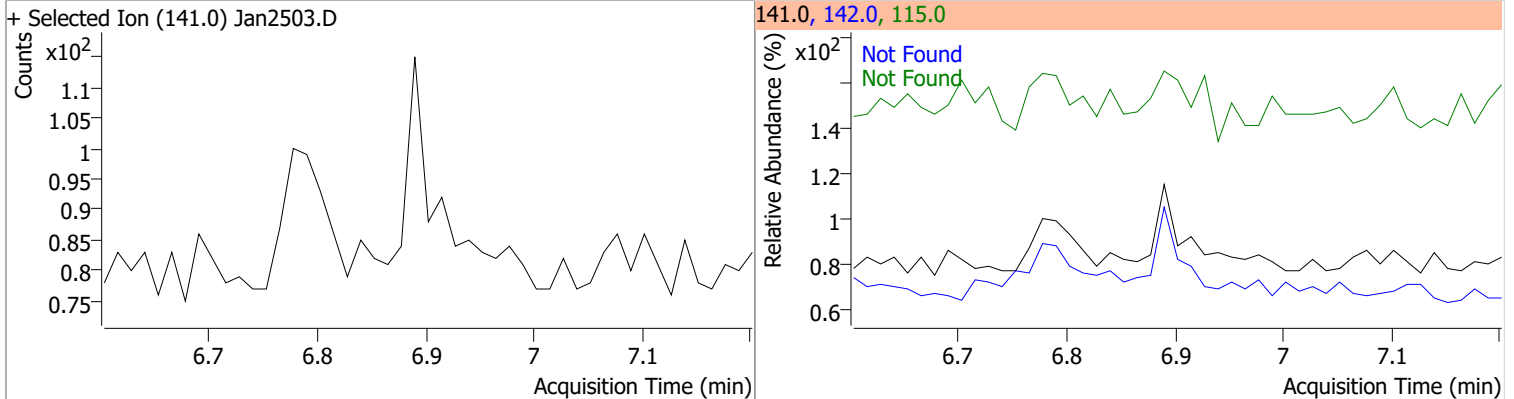
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



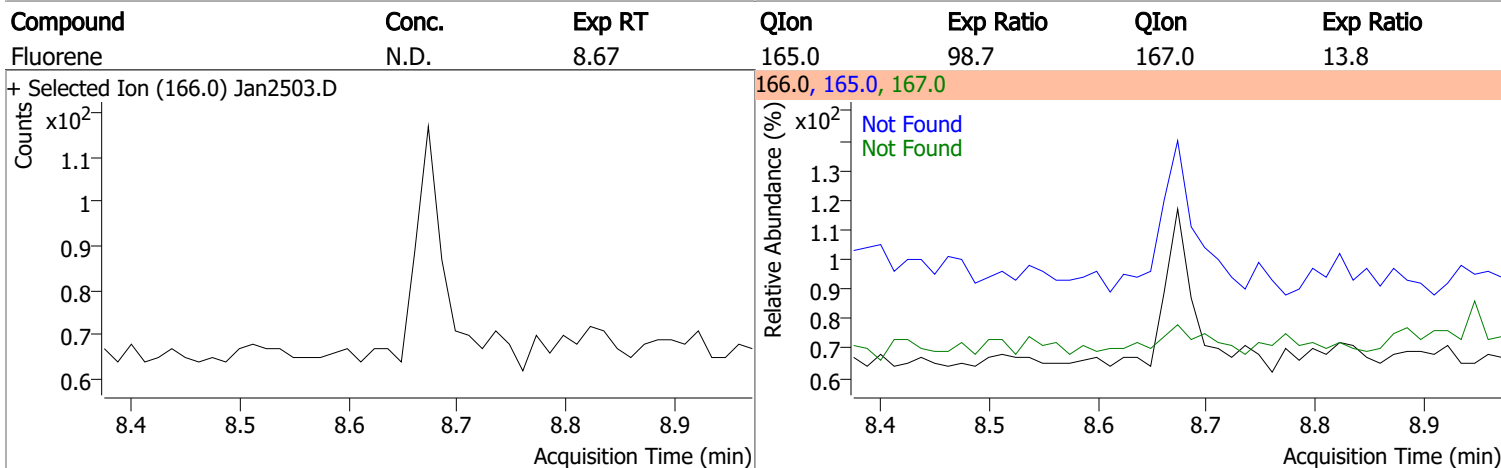
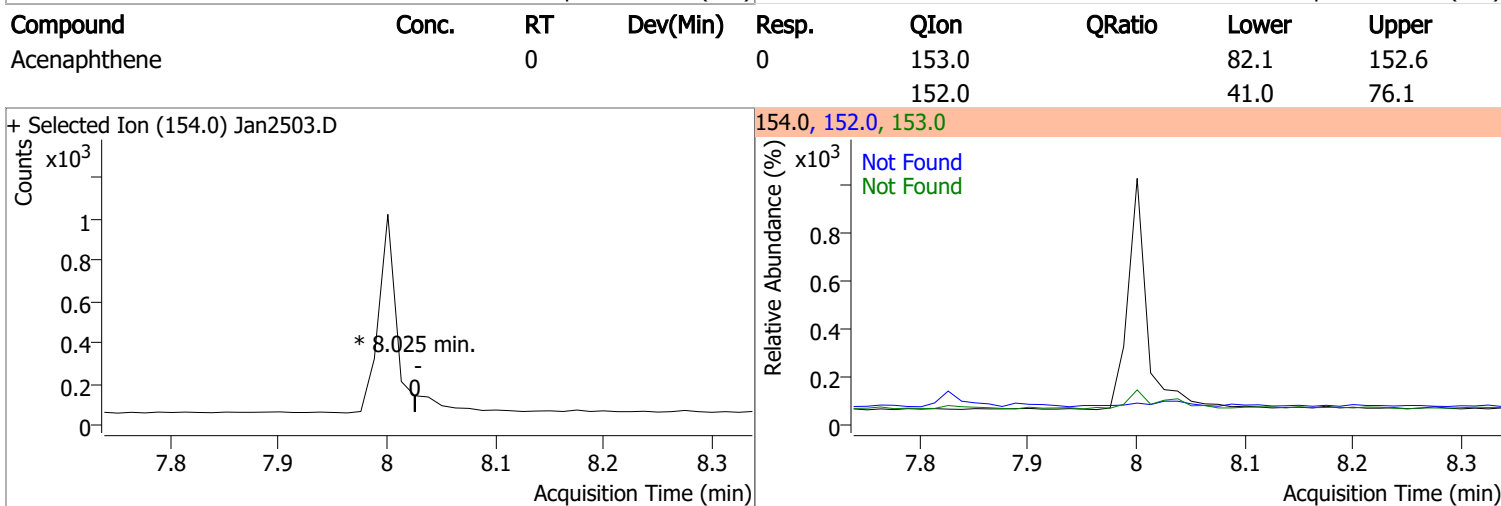
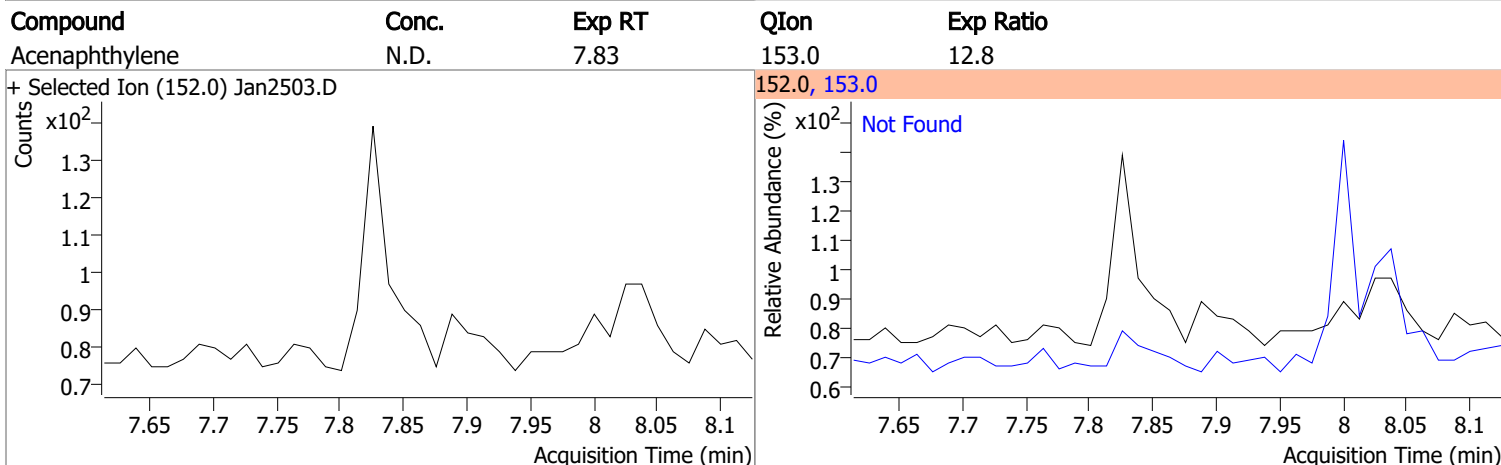
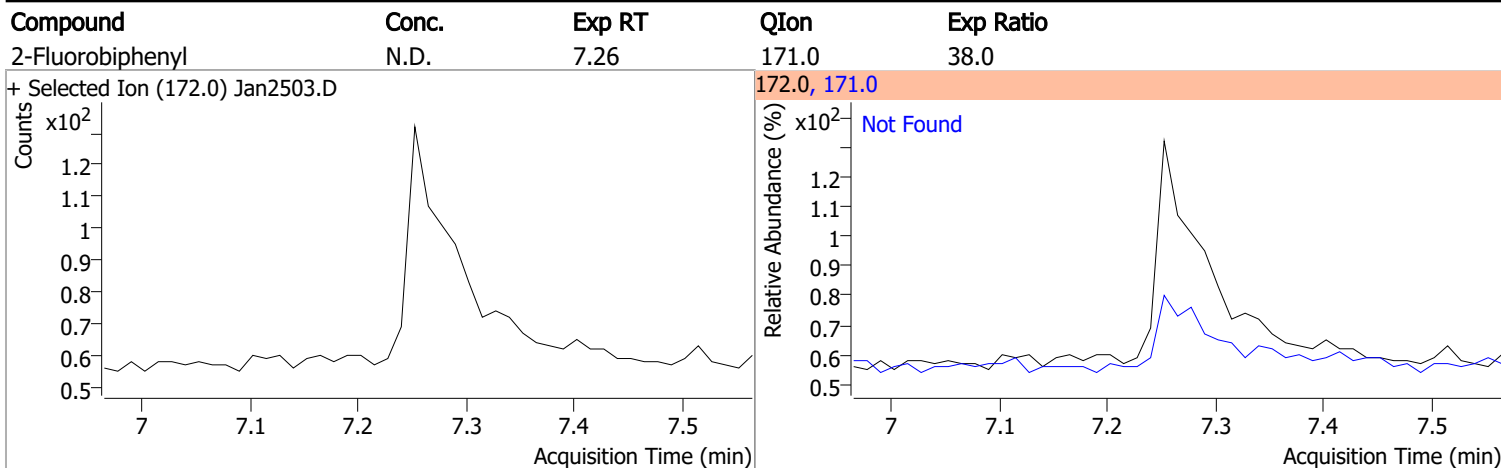
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



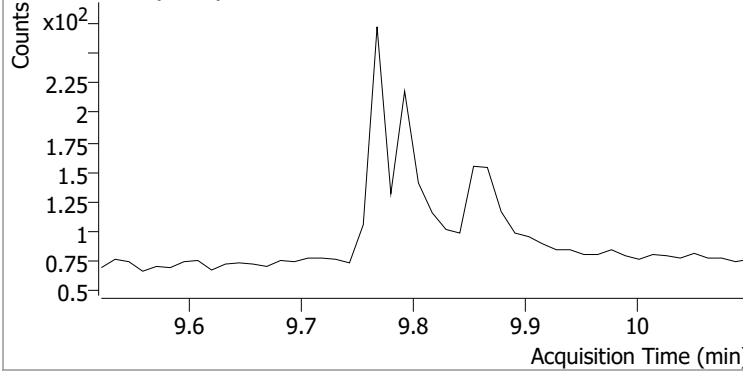
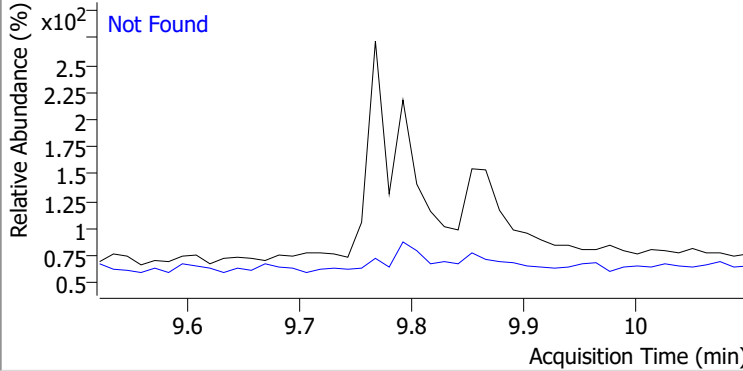
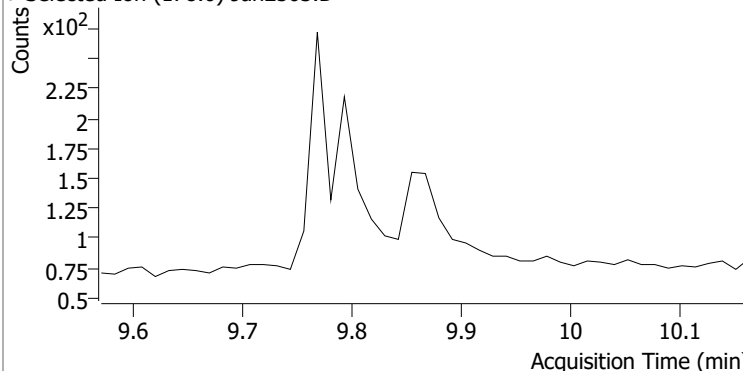
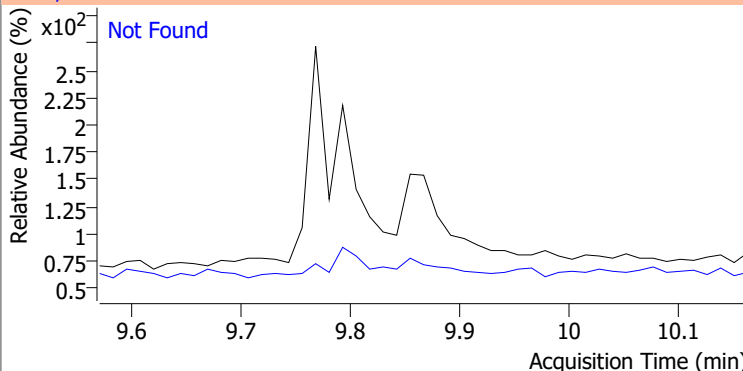
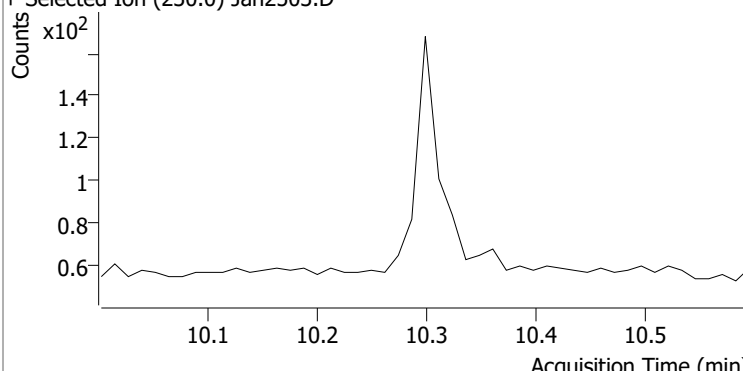
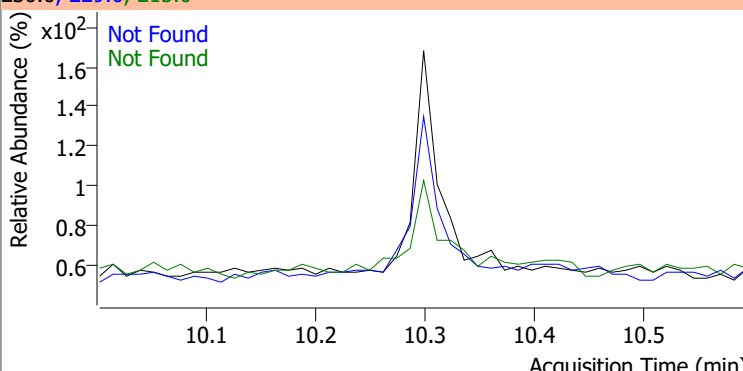
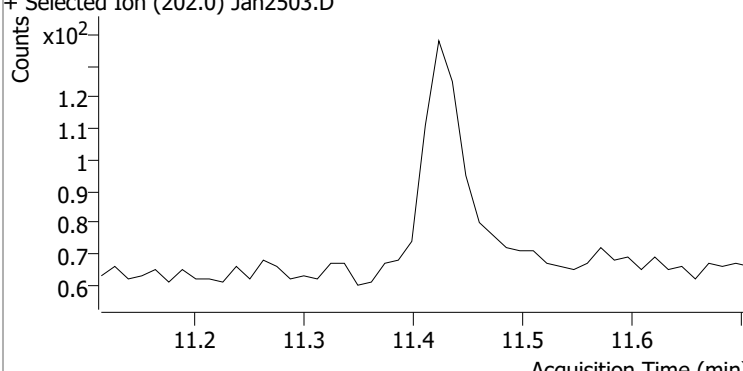
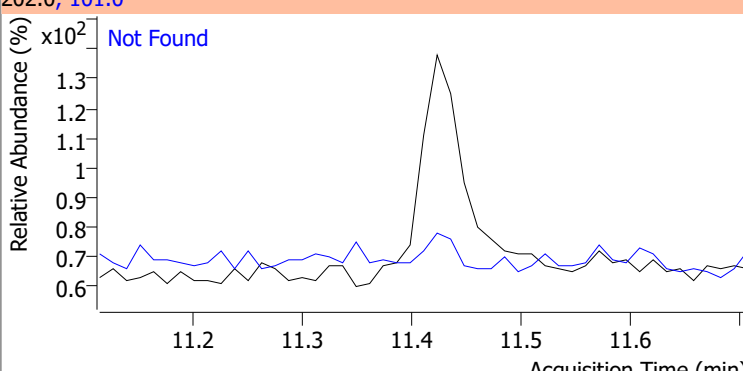
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8



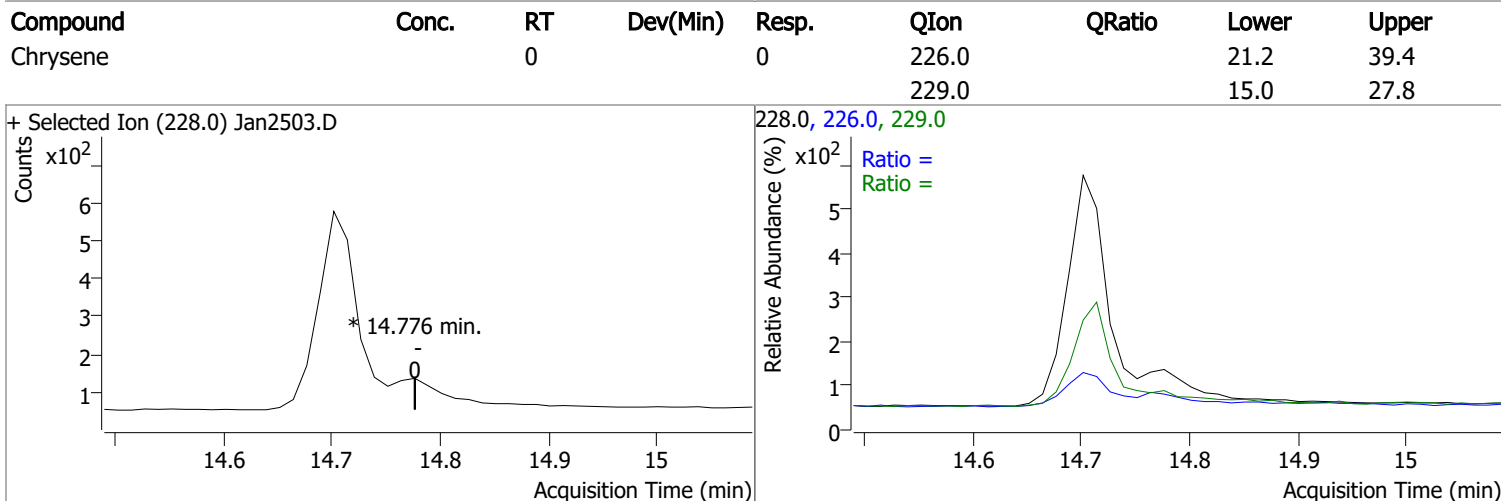
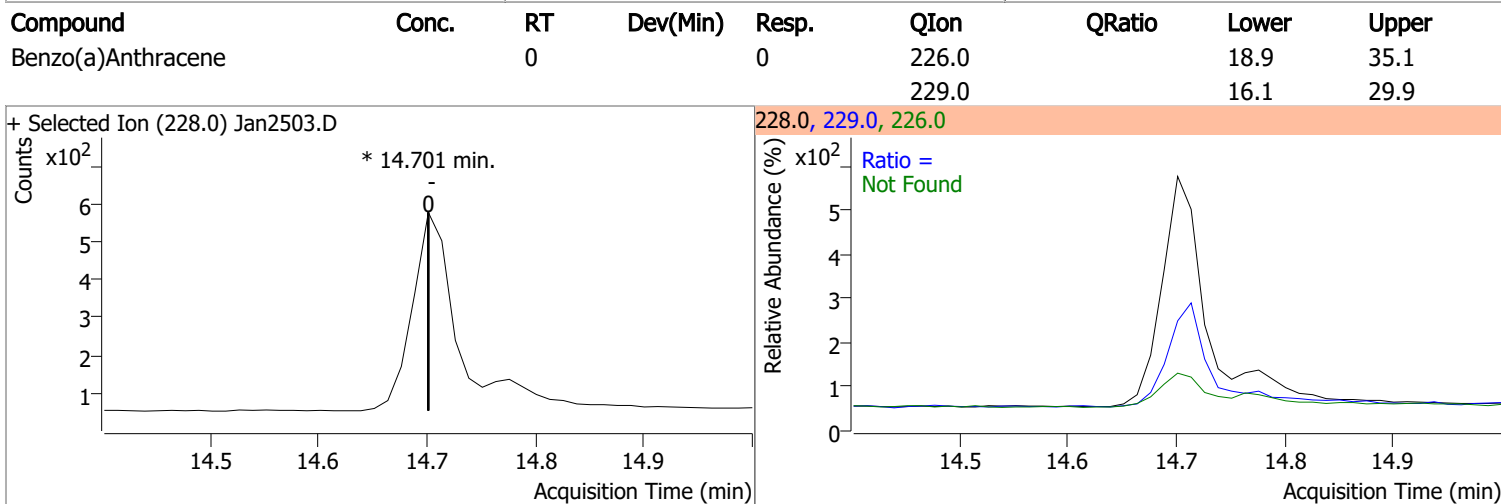
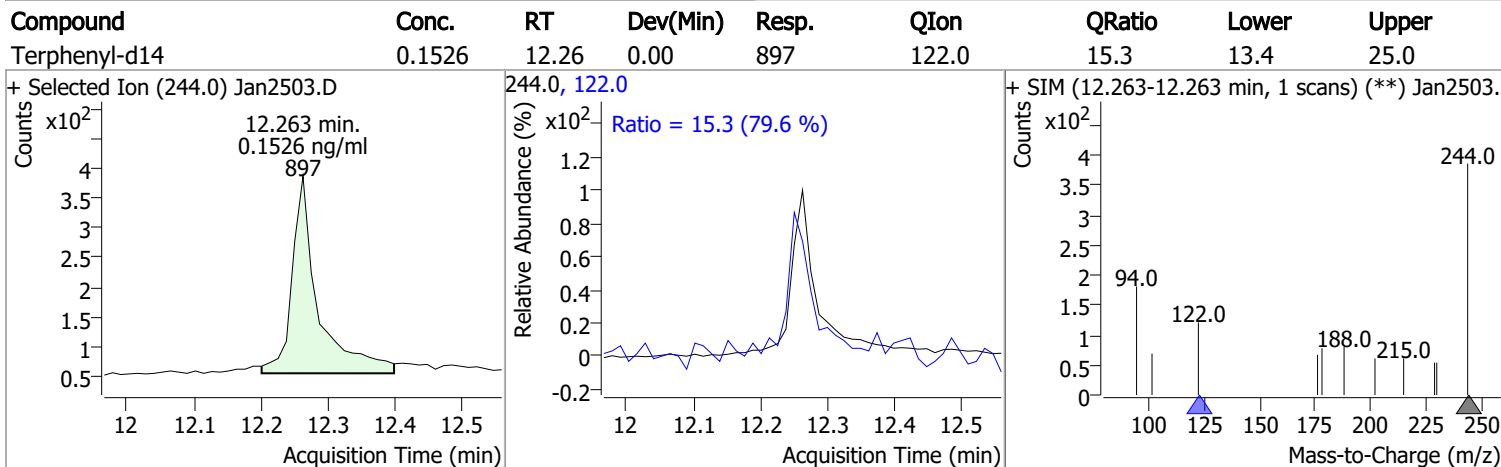
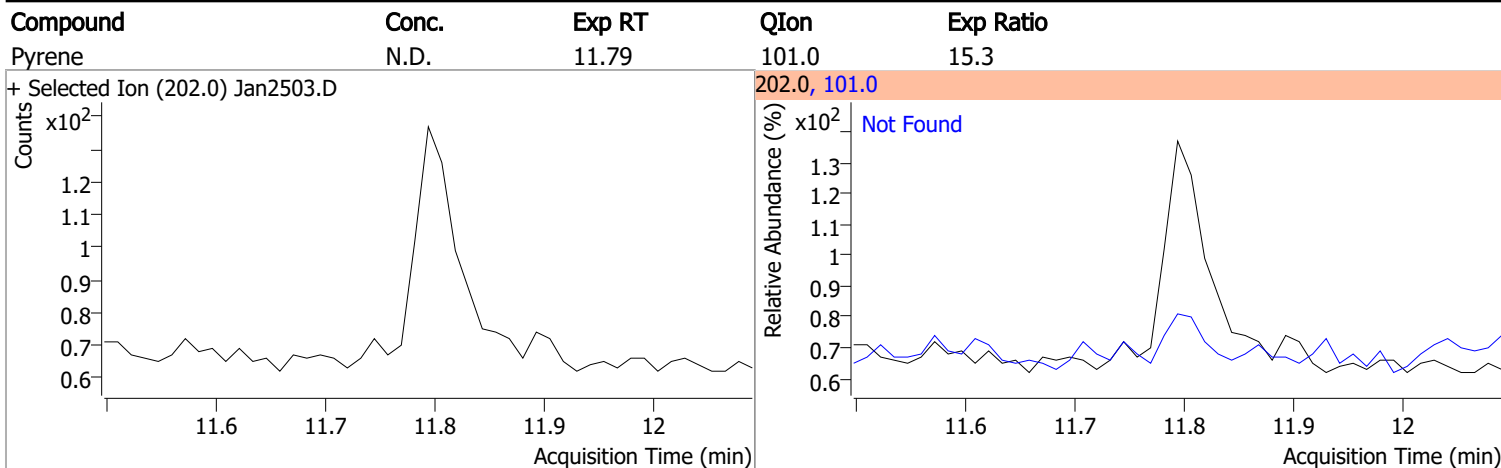
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

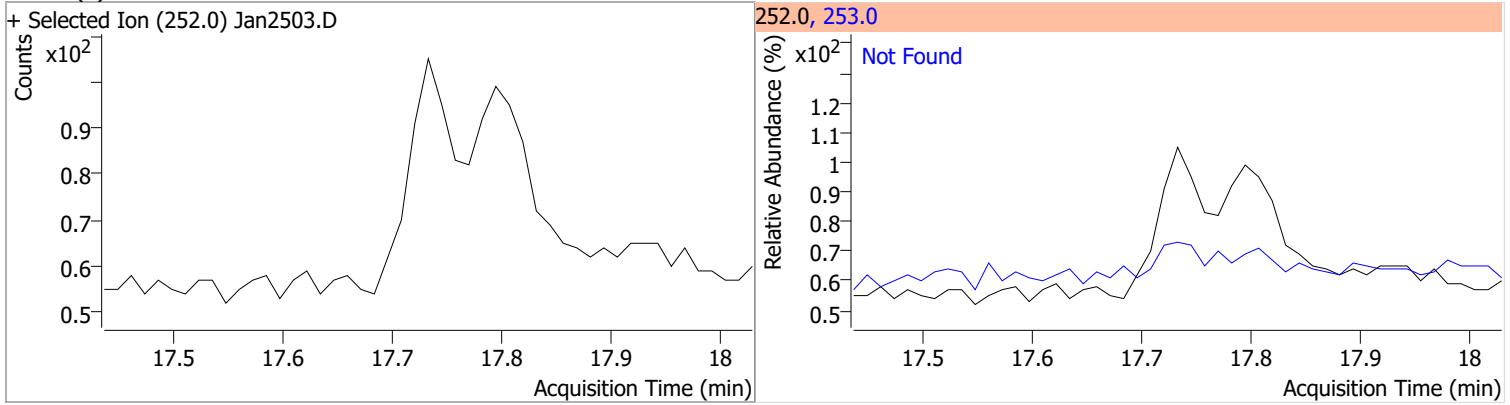
Compound	Conc.	Exp RT	QIon	Exp Ratio		
Phenanthrene	N.D.	9.80	176.0	15.5		
+ Selected Ion (178.0) Jan2503.D			178.0, 176.0			
						
Anthracene	N.D.	9.87	176.0	18.1		
+ Selected Ion (178.0) Jan2503.D			178.0, 176.0			
						
o-Terphenyl	N.D.	10.30	229.0	70.2	QIon	Exp Ratio
+ Selected Ion (230.0) Jan2503.D			230.0, 229.0, 215.0			
						
Fluoranthene	N.D.	11.41	101.0	13.8		
+ Selected Ion (202.0) Jan2503.D			202.0, 101.0			
						

# Quantitation Results Report (QT Reviewed)

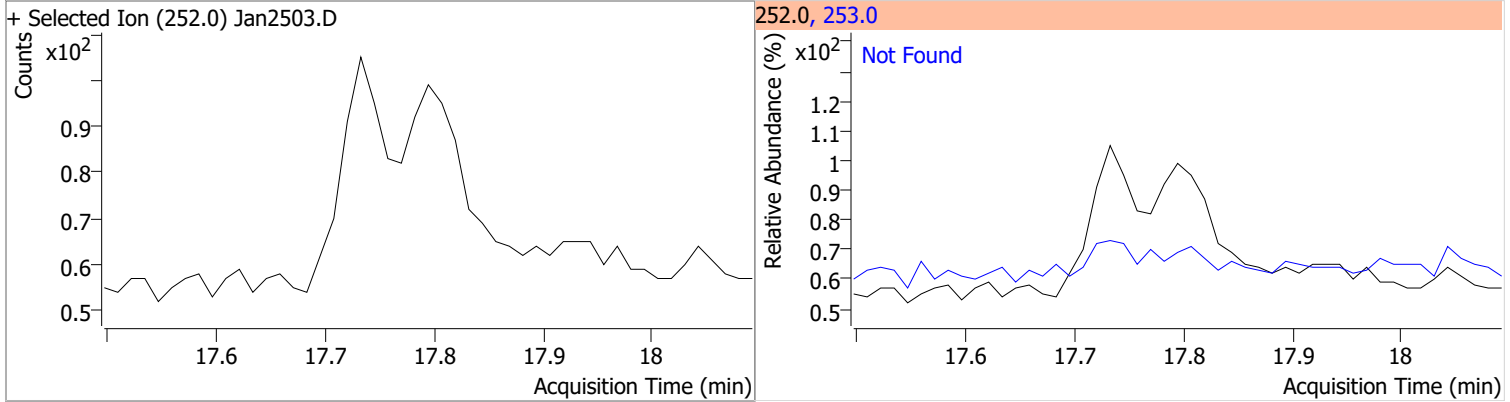


# Quantitation Results Report (QT Reviewed)

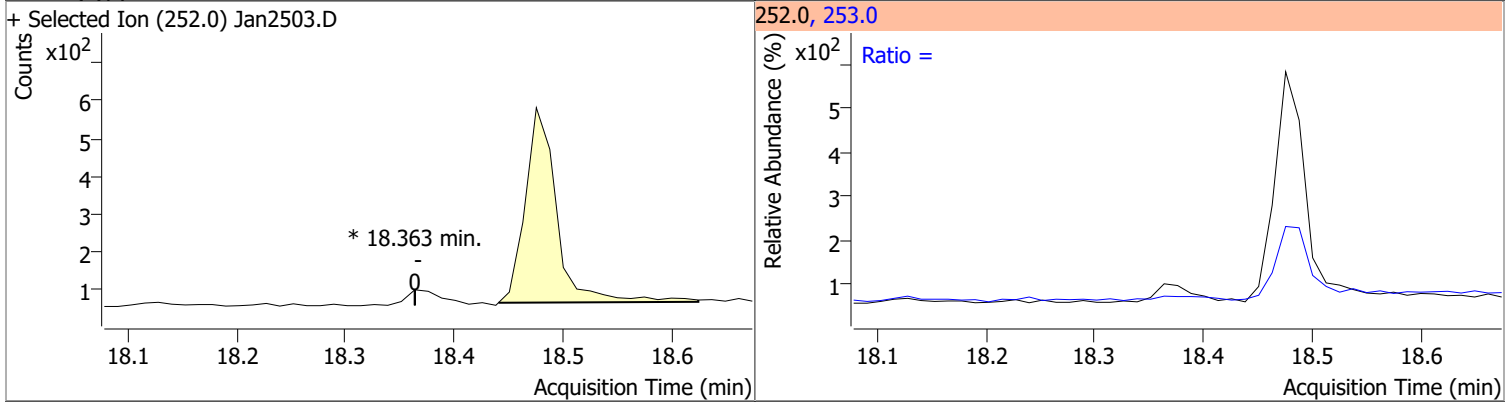
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



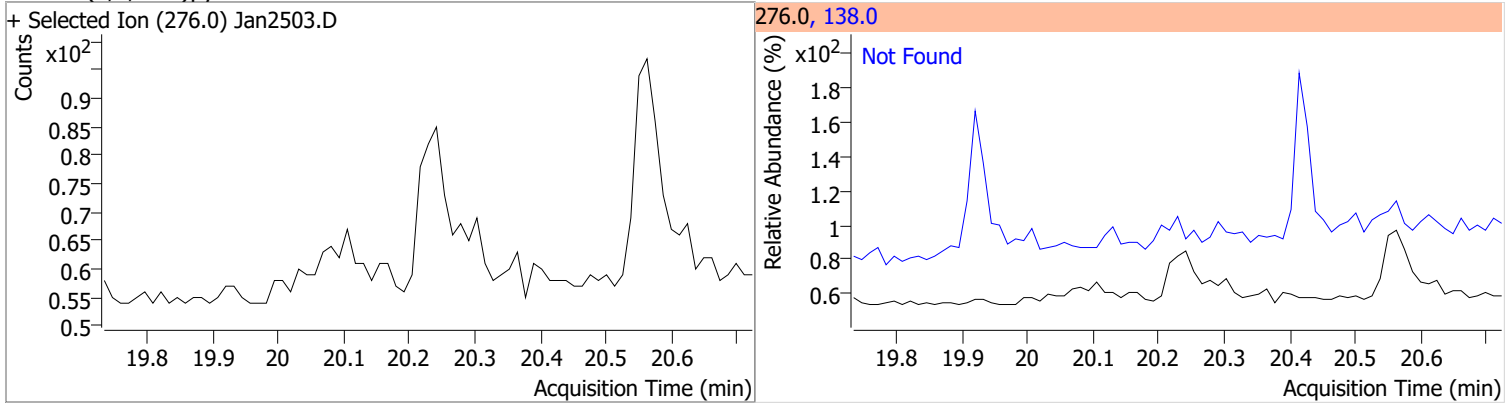
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



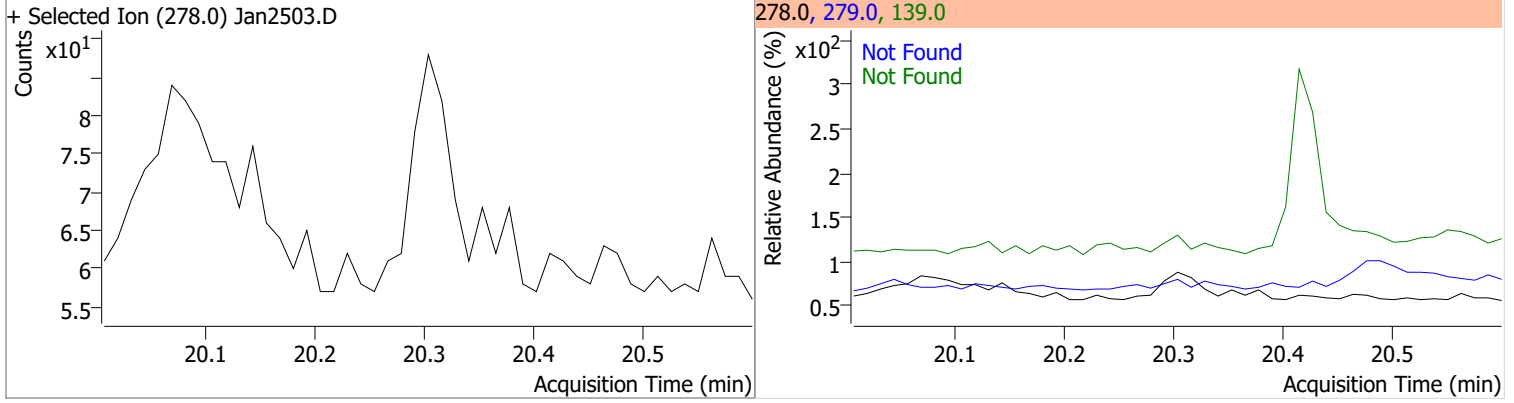
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



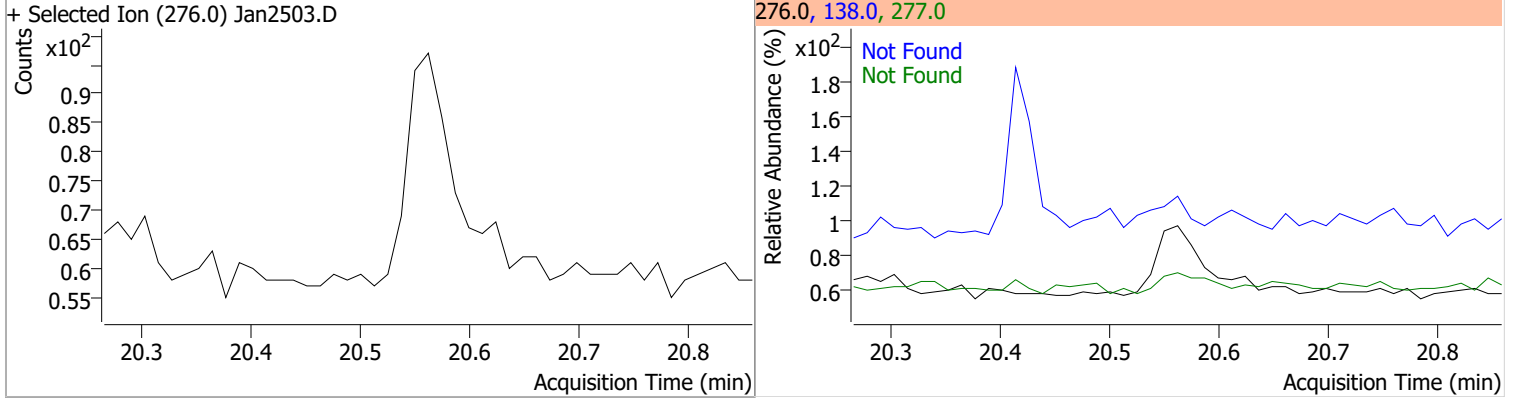


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



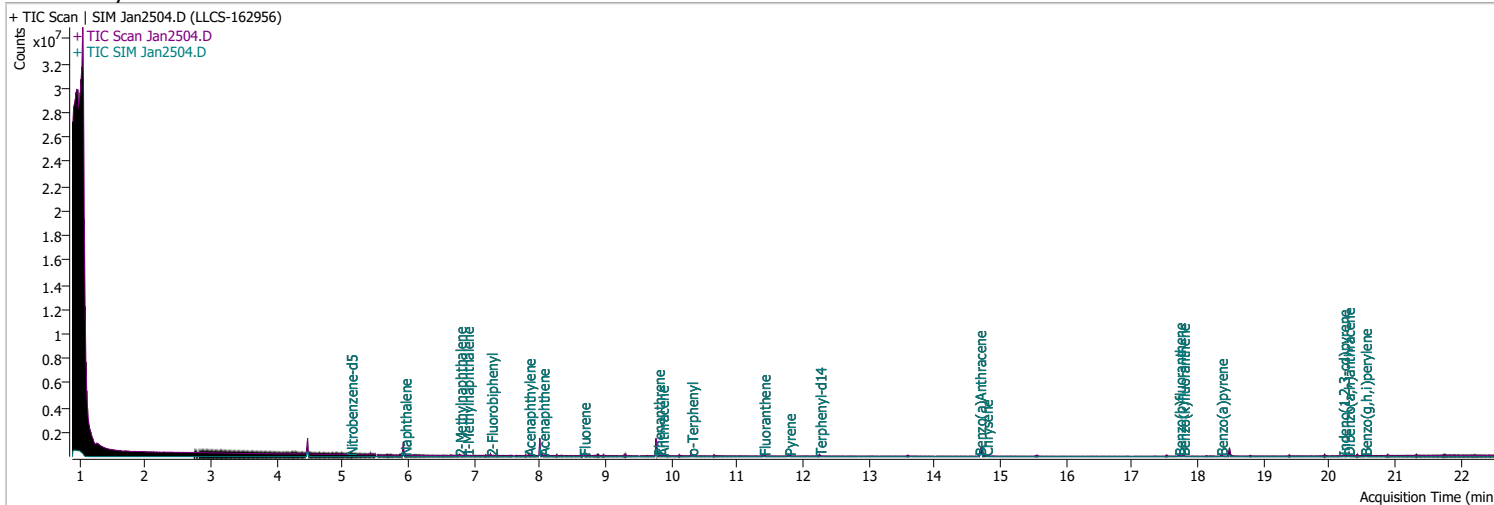
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3



# Quantitation Results Report (QT Reviewed)

Data File	Jan2504.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 12:08:51 PM
Sample Name	LLCS-162956	Instrument	GCMS
Vial	4	Multiplier	1.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	196412	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	373724	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.001	164.0	225952	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	445803	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	292830	40.0000	ng/ml	-0.012
M Perylene-d12	18.475	264.0	203005	40.0000	ng/ml	-0.025
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	14553	3.5765	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 71.53%		
S 2-Fluorobiphenyl	7.252	172.0	35528	3.2712	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 65.42%		
S o-Terphenyl	10.299	230.0	31115	4.2884	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 85.77%		
S Terphenyl-d14	12.251	244.0	31580	5.7772	ng/ml	-0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 115.54%		*
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	28806	2.2279	ng/ml	95
T 2-Methylnaphthalene	6.777	141.0	15196	2.1057	ng/ml	77
T 1-Methylnaphthalene	6.890	141.0	14609	1.9194	ng/ml	m 97
T Acenaphthylene	7.826	152.0	34305	2.4774	ng/ml	100
T Acenaphthene	8.038	154.0	21162	2.3891	ng/ml	93
T Fluorene	8.661	166.0	31515	3.0069	ng/ml	99
T Phenanthrene	9.793	178.0	61724	4.4709	ng/ml	91
T Anthracene	9.854	178.0	59359	4.8058	ng/ml	100
T Fluoranthene	11.398	202.0	69551	4.6000	ng/ml	98
T Pyrene	11.781	202.0	71821	4.8686	ng/ml	99
T Benzo(a)Anthracene	14.677	228.0	50234	5.3405	ng/ml	99
T Chrysene	14.776	228.0	67539	5.0394	ng/ml	99
T Benzo(b)fluoranthene	17.709	252.0	45947	5.0237	ng/ml	99

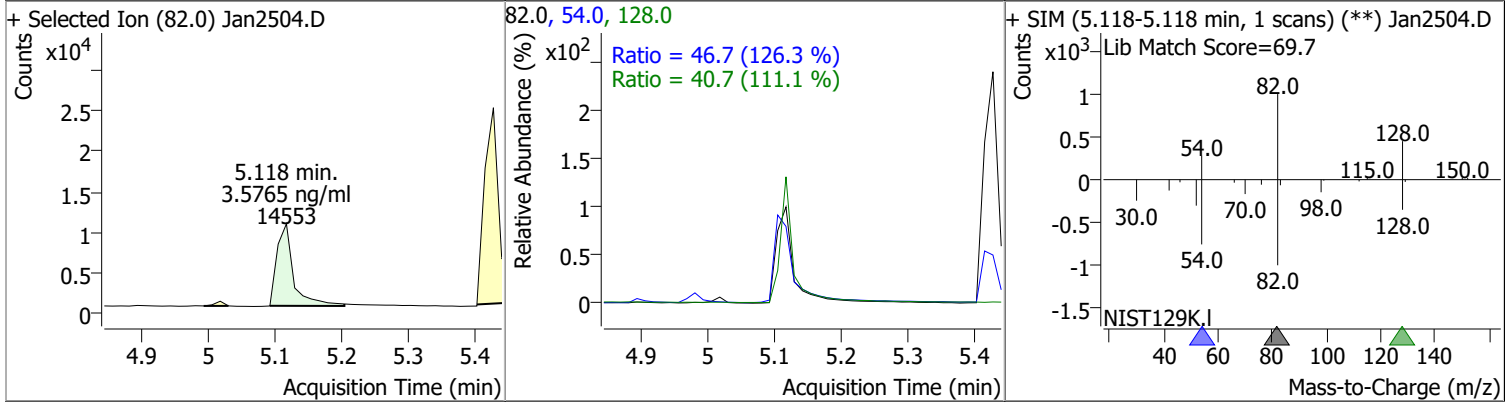
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	49921	4.6787	ng/ml	96
T Benzo(a)pyrene	18.351	252.0	38075	5.0894	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.204	276.0	35428	4.9465	ng/ml	98
T Dibenzo(a,h)anthracene	20.279	278.0	41536	5.1216	ng/ml	95
T Benzo(g,h,i)perylene	20.538	276.0	50612	4.9849	ng/ml	98

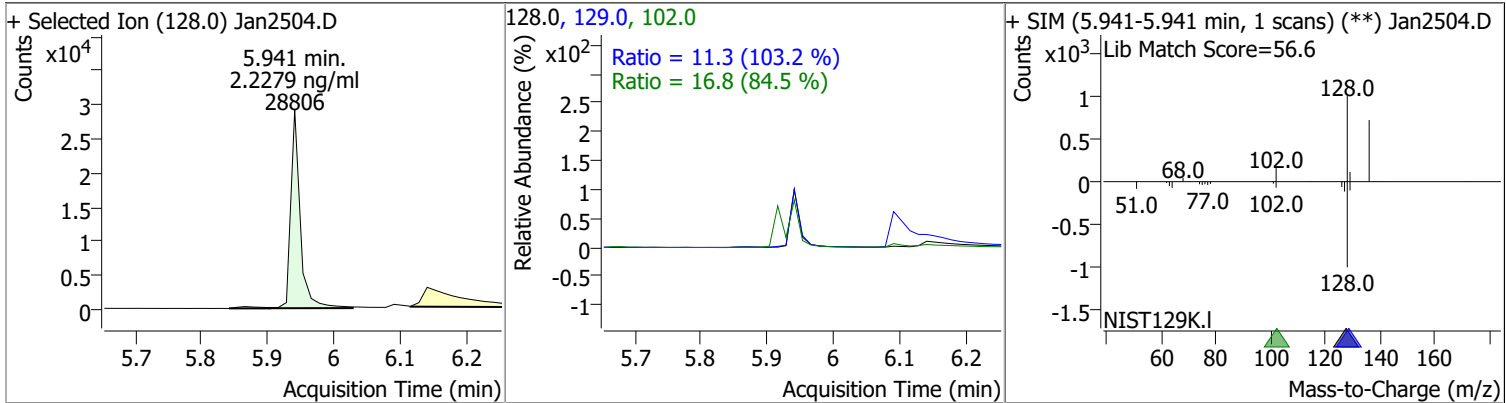
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

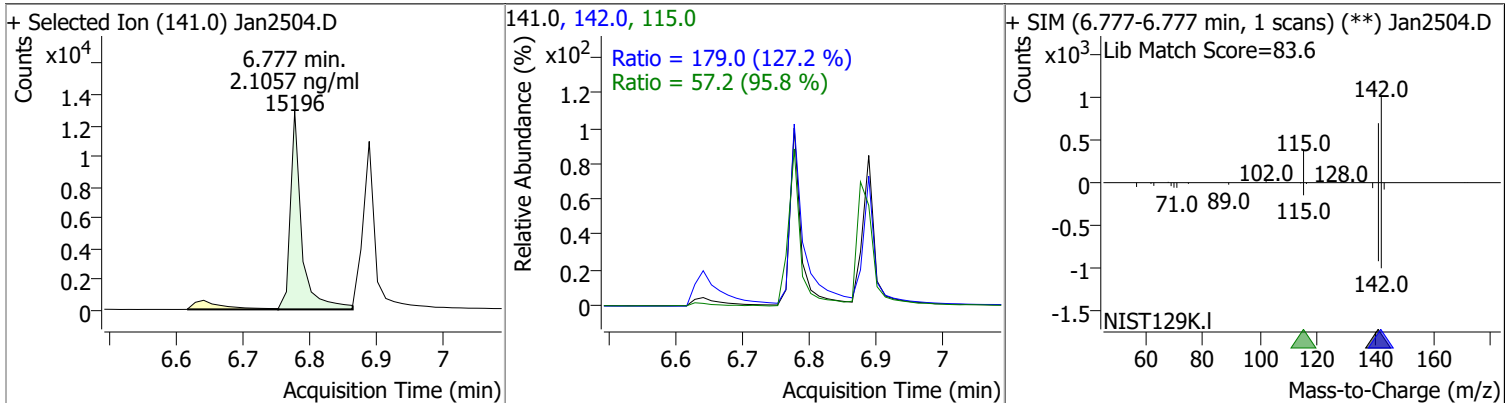
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	3.5765	5.12	-0.02	14553	54.0	46.7	25.9	48.1
					128.0	40.7	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.2279	5.94	-0.01	28806	102.0	16.8	0.0	59.6
					129.0	11.3	7.7	14.3

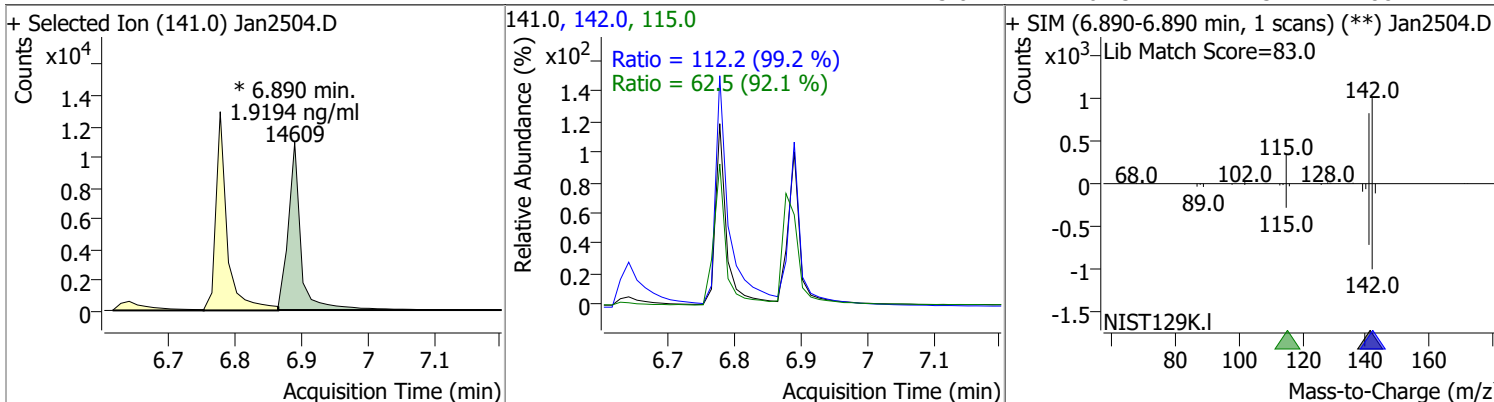


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	2.1057	6.78	-0.01	15196	142.0	179.0	98.5	183.0
					115.0	57.2	41.8	77.6

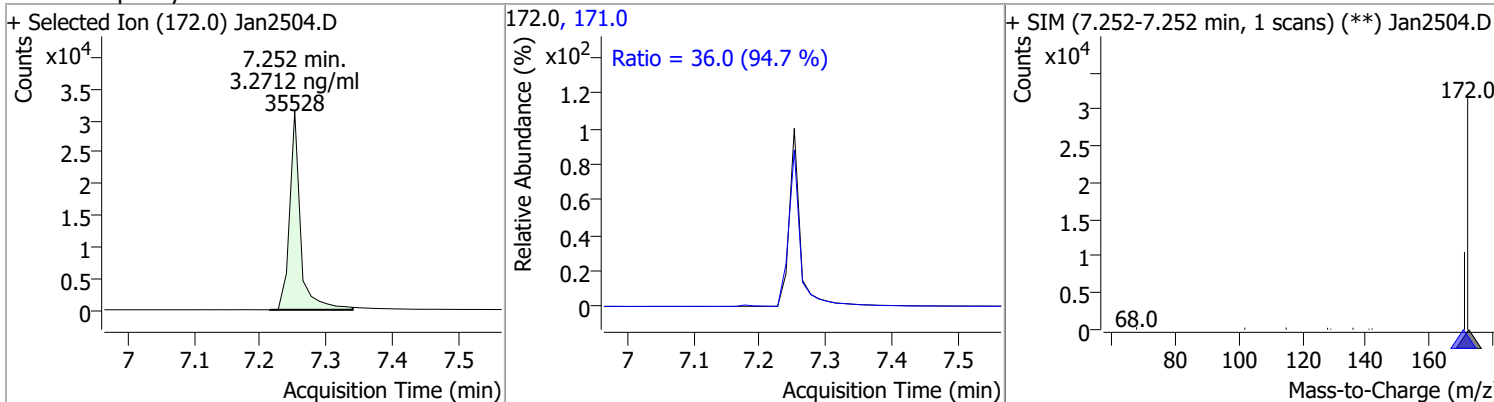


# Quantitation Results Report (QT Reviewed)

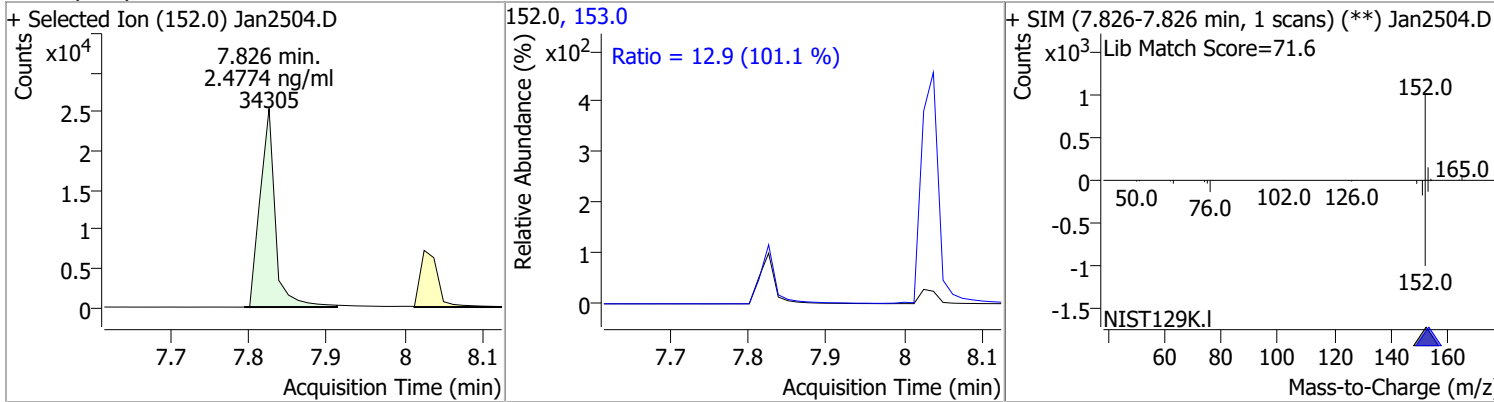
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	1.9194	6.89	-0.01	14609 (m)	142.0	112.2	79.2	147.1
					115.0	62.5	47.5	88.2



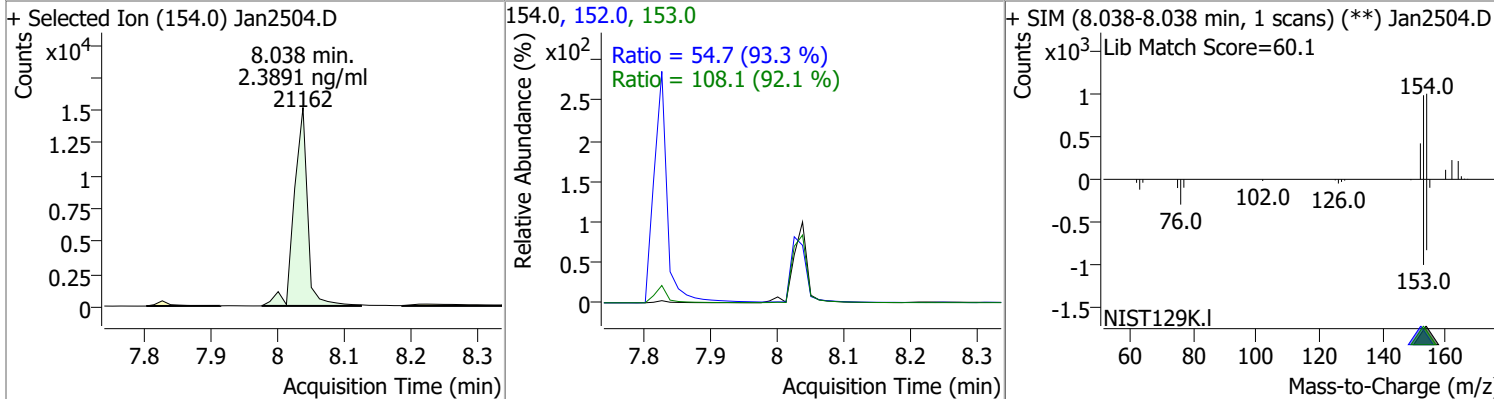
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	3.2712	7.25	-0.01	35528	171.0	36.0	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	2.4774	7.83	0.00	34305	153.0	12.9	9.0	16.6

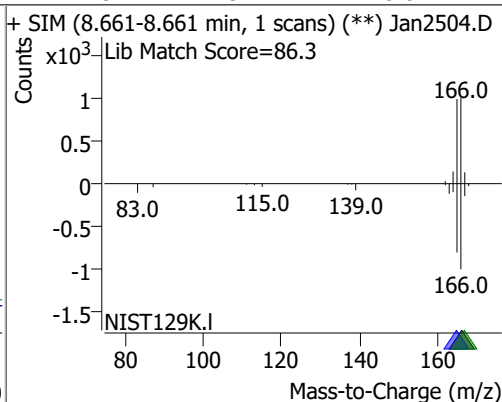
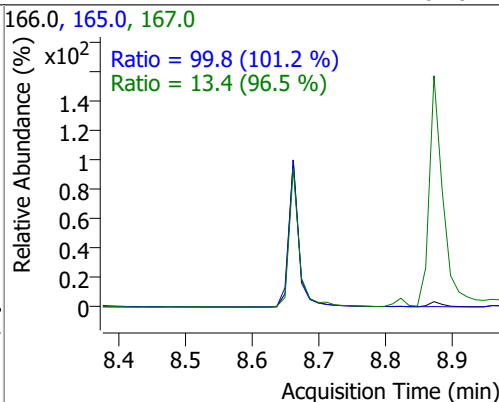
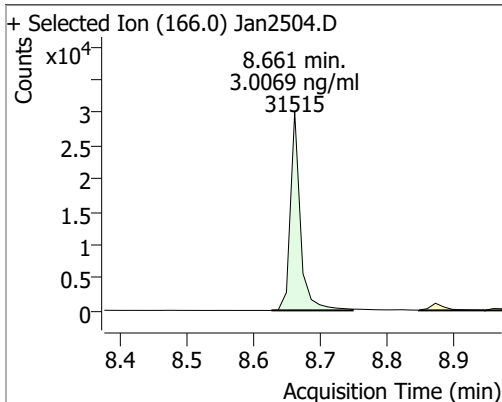


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	2.3891	8.04	0.00	21162	153.0	108.1	82.1	152.6
					152.0	54.7	41.0	76.1

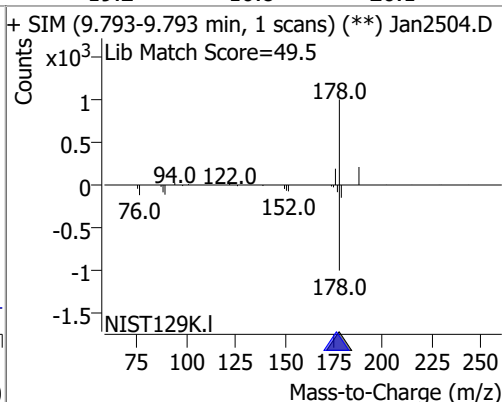
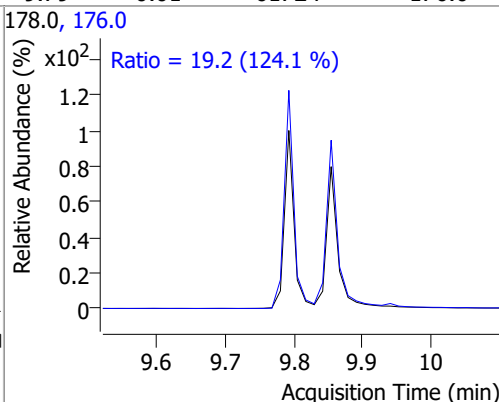
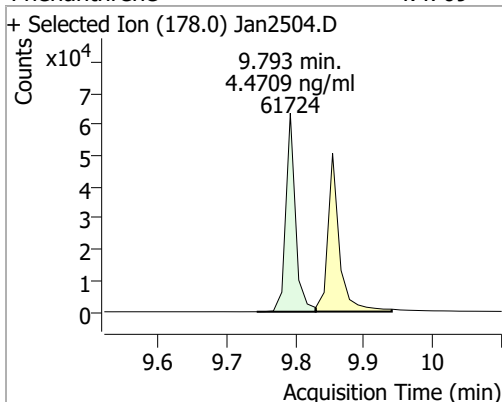


# Quantitation Results Report (QT Reviewed)

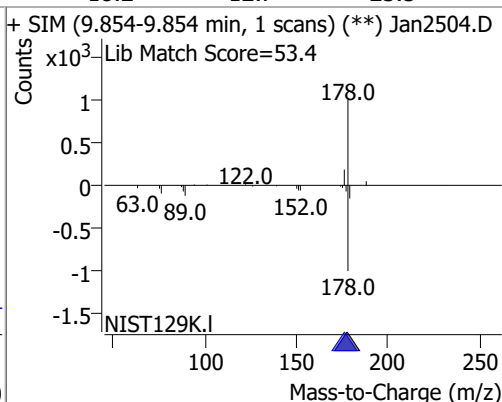
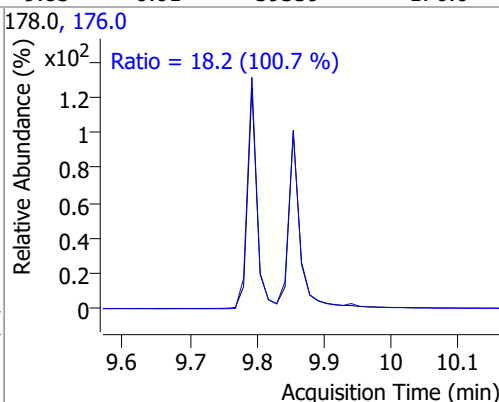
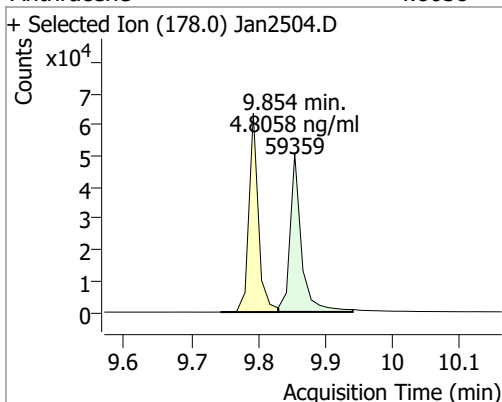
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.0069	8.66	-0.01	31515	165.0	99.8	69.1	128.3
					167.0	13.4	9.7	18.0



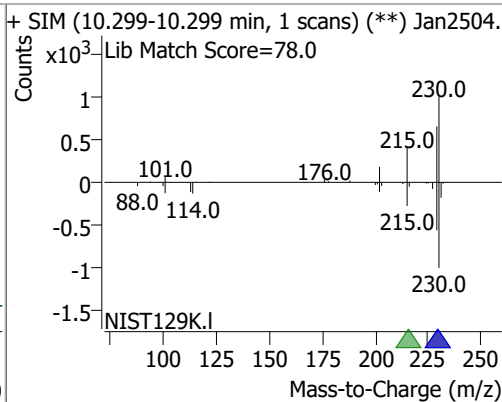
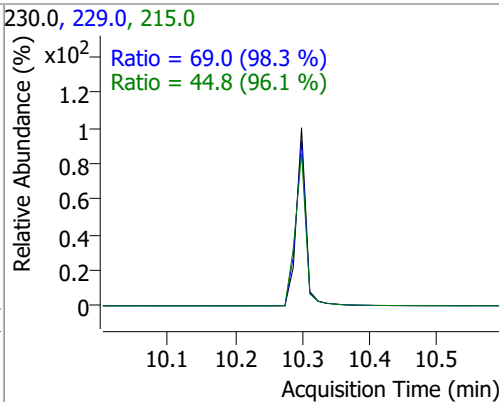
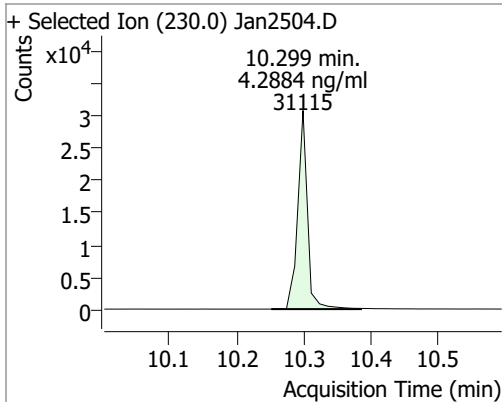
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.4709	9.79	-0.01	61724	176.0	19.2	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.8058	9.85	-0.01	59359	176.0	18.2	12.7	23.5

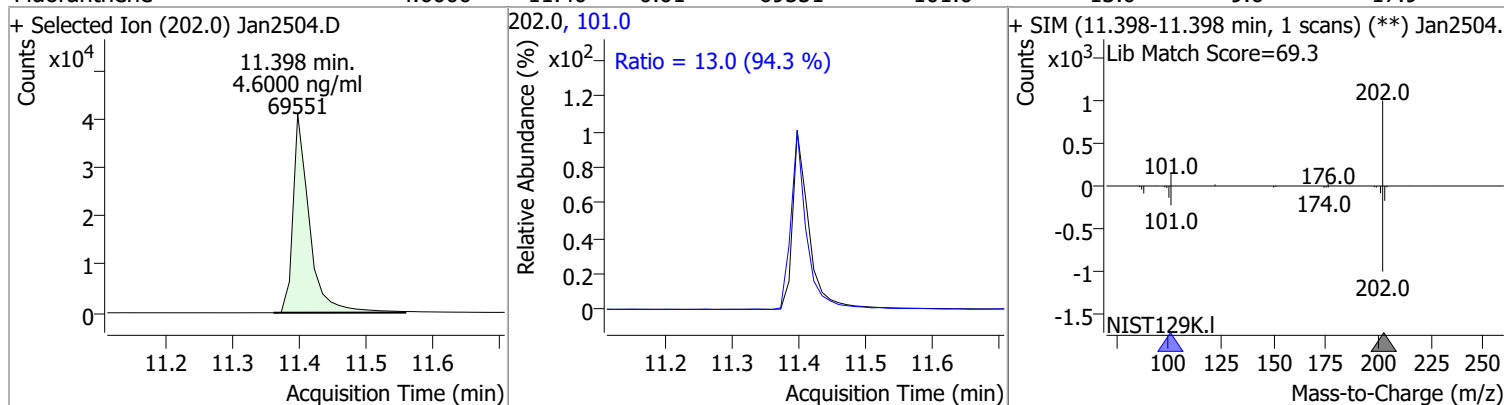


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.2884	10.30	0.00	31115	229.0	69.0	49.2	91.3
					215.0	44.8	32.7	60.7

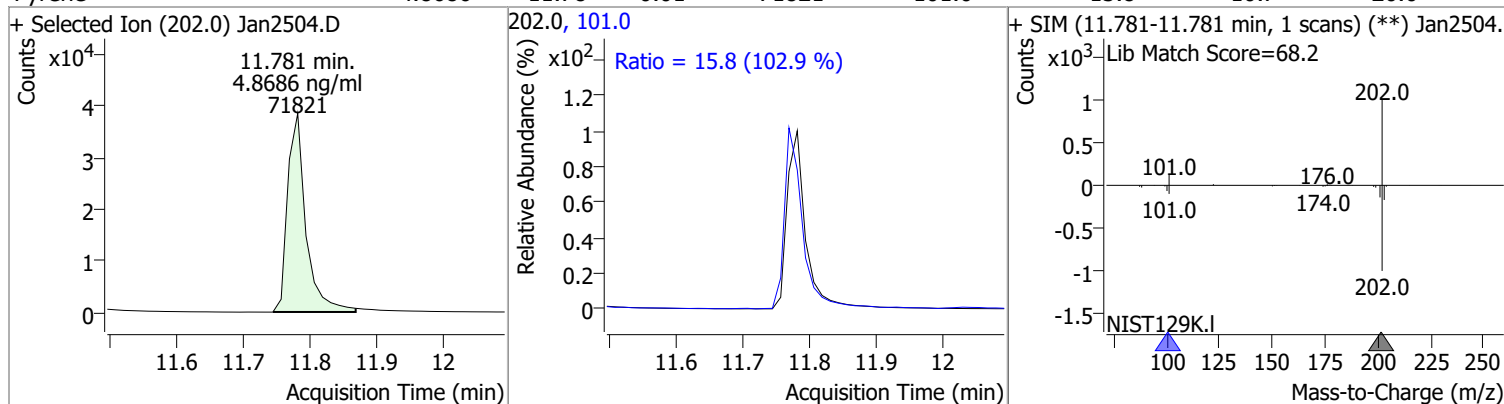


# Quantitation Results Report (QT Reviewed)

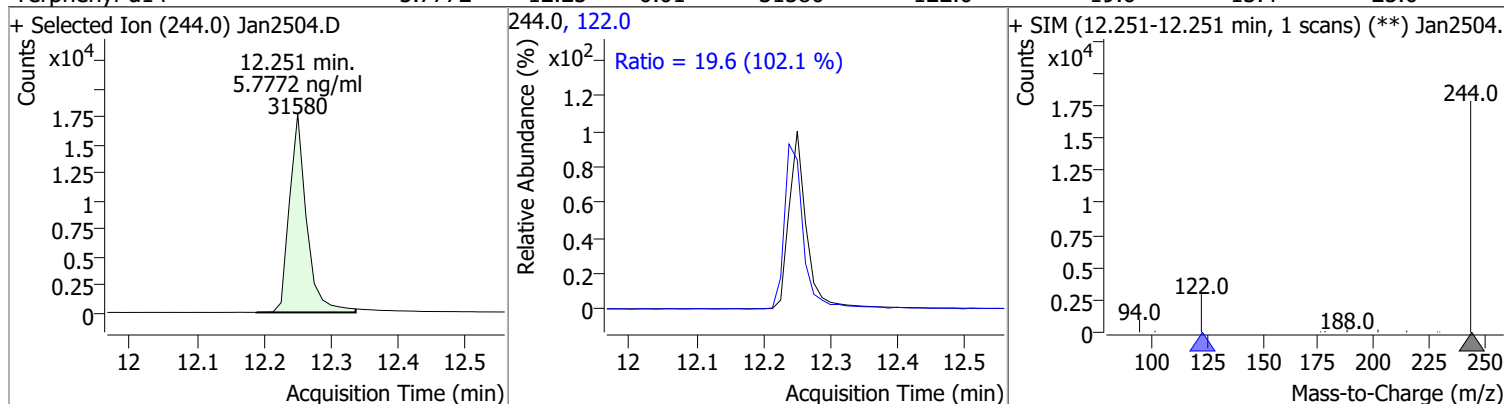
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.6000	11.40	-0.01	69551	101.0	13.0	9.6	17.9



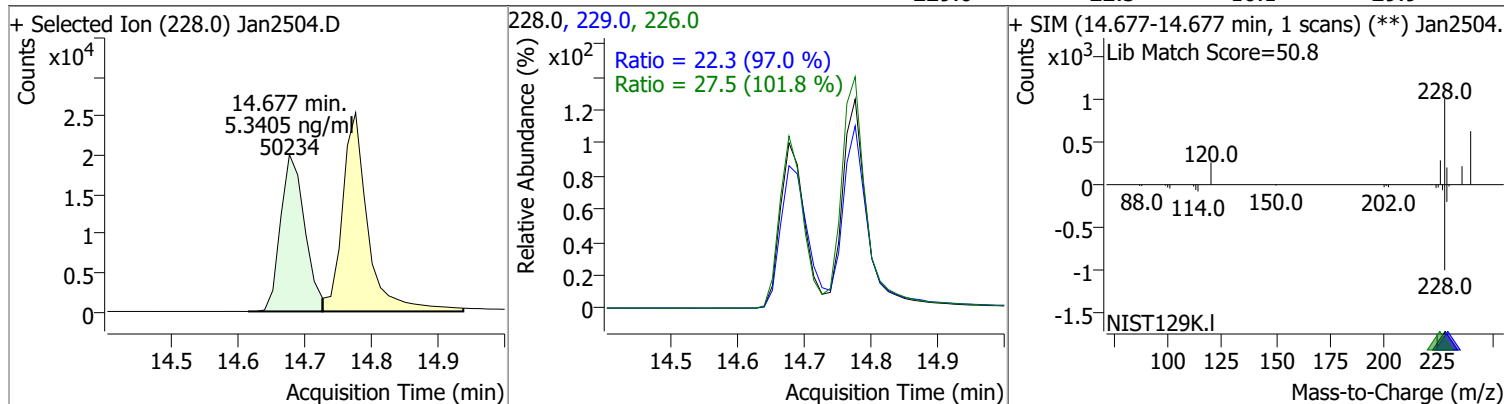
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.8686	11.78	-0.01	71821	101.0	15.8	10.7	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	5.7772	12.25	-0.01	31580	122.0	19.6	13.4	25.0

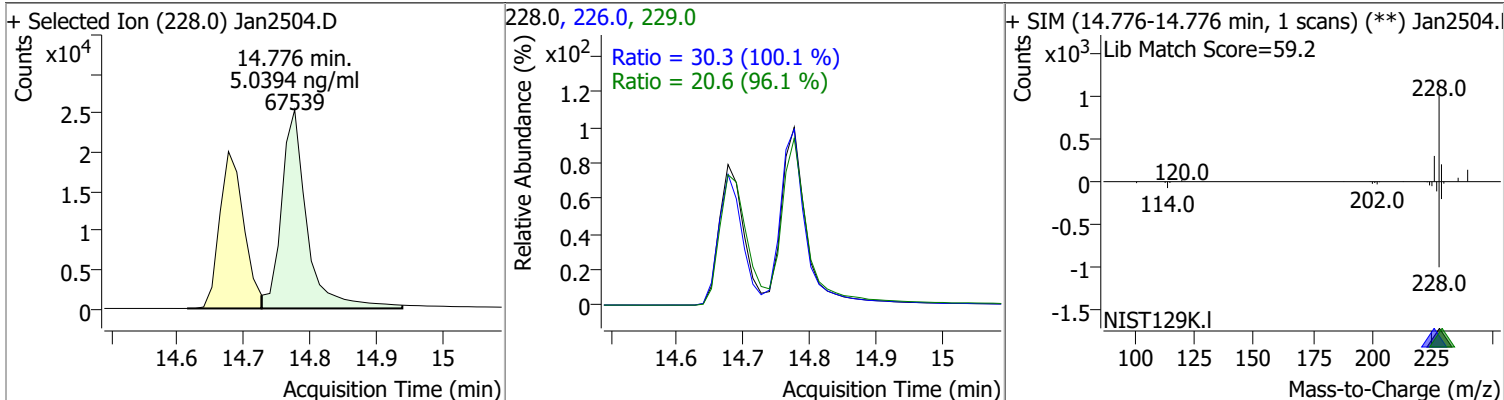


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	5.3405	14.68	-0.02	50234	226.0	27.5	18.9	35.1
					229.0	22.3	16.1	29.9

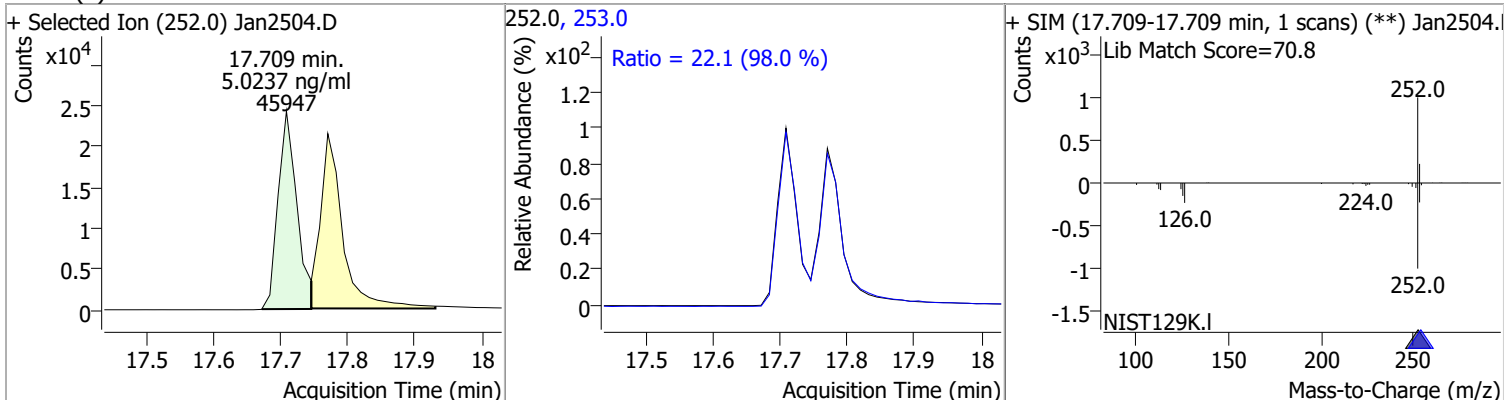


# Quantitation Results Report (QT Reviewed)

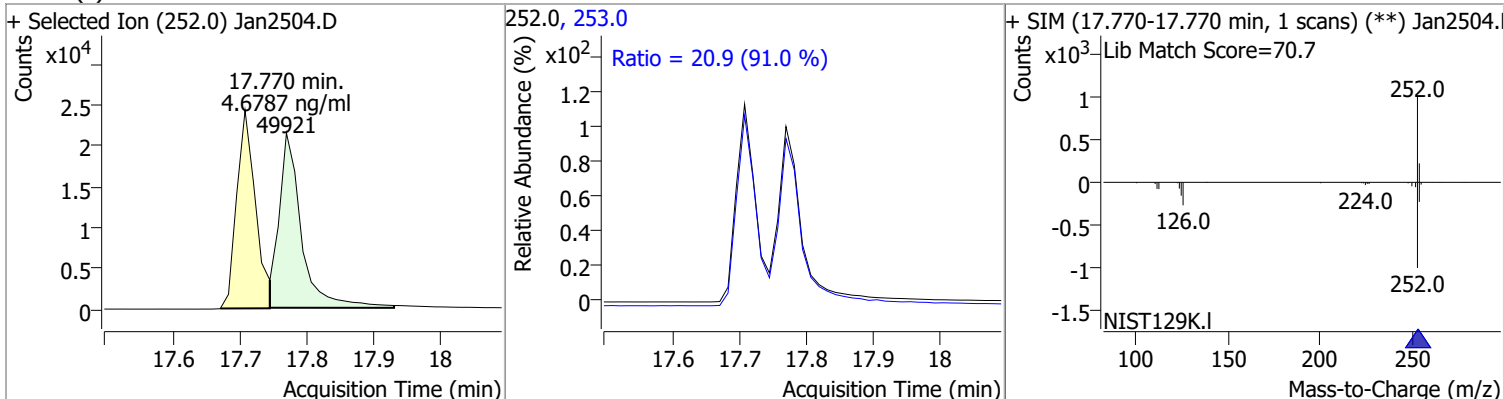
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	5.0394	14.78	-0.01	67539	226.0	30.3	21.2	39.4
					229.0	20.6	15.0	27.8



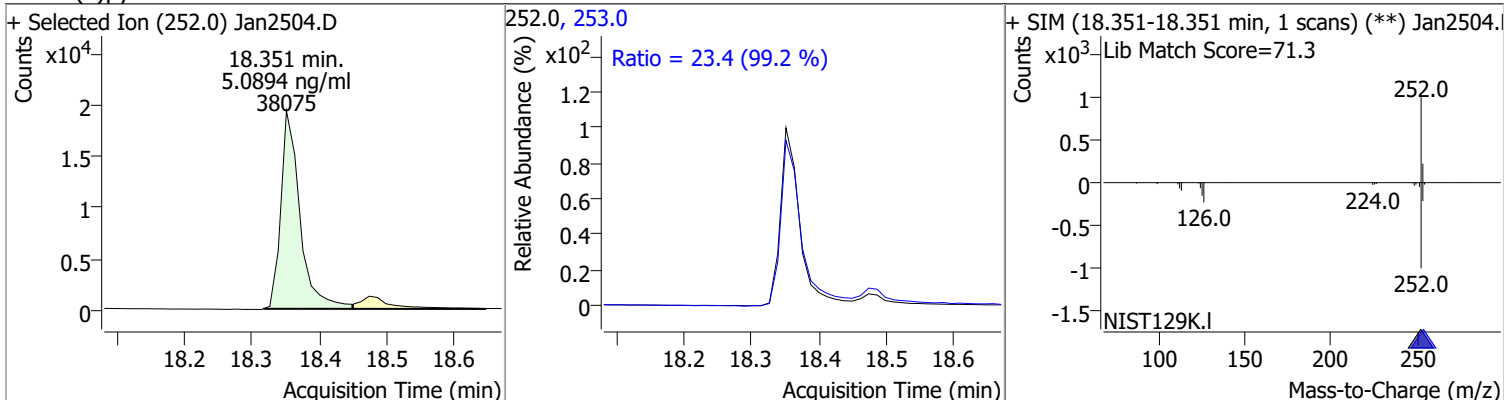
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	5.0237	17.71	-0.02	45947	253.0	22.1	15.8	29.4



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	4.6787	17.77	-0.02	49921	253.0	20.9	16.1	29.9



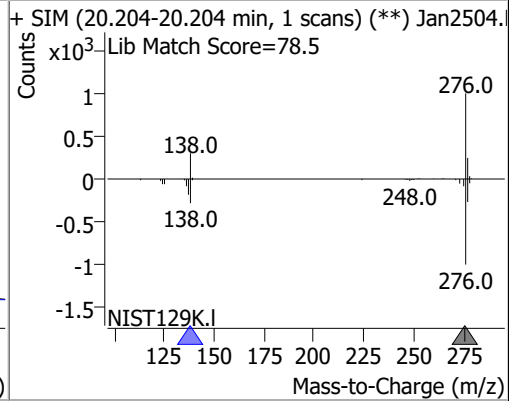
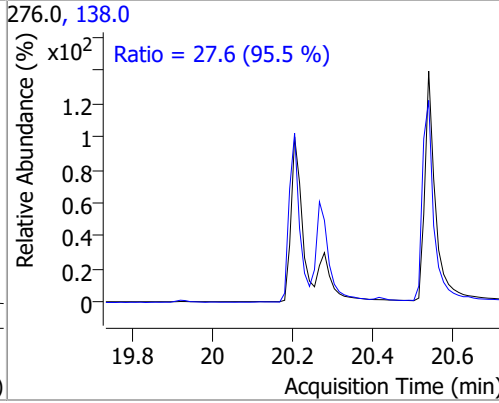
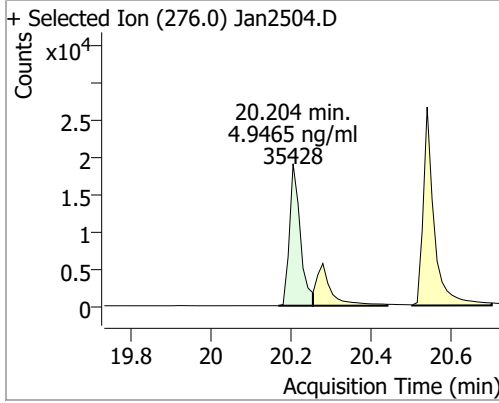
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	5.0894	18.35	-0.02	38075	253.0	23.4	16.5	30.6



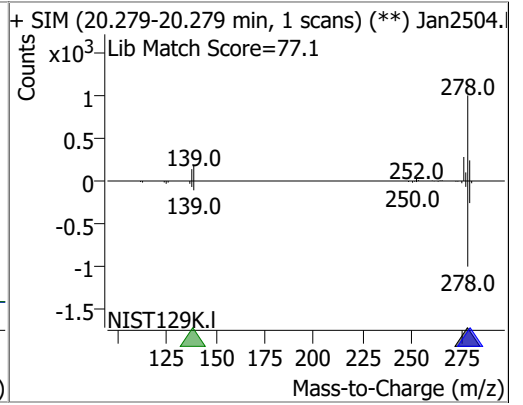
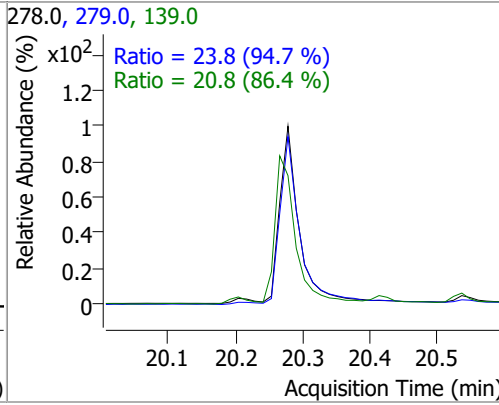
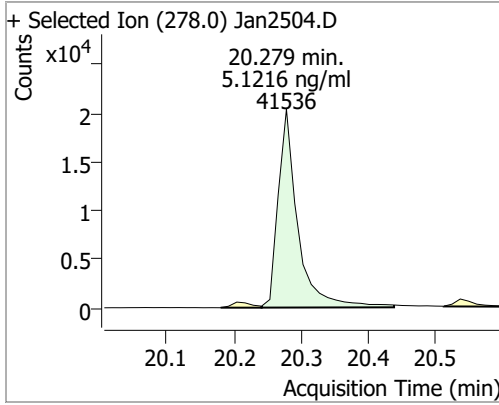


# Quantitation Results Report (QT Reviewed)

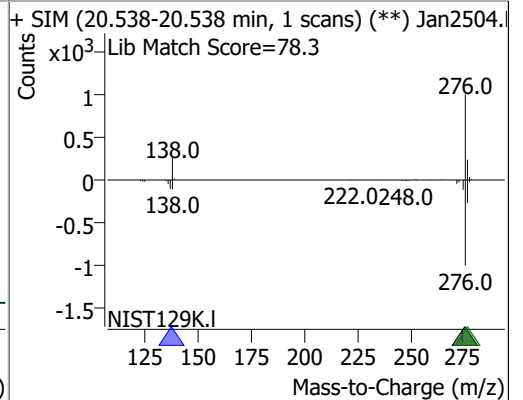
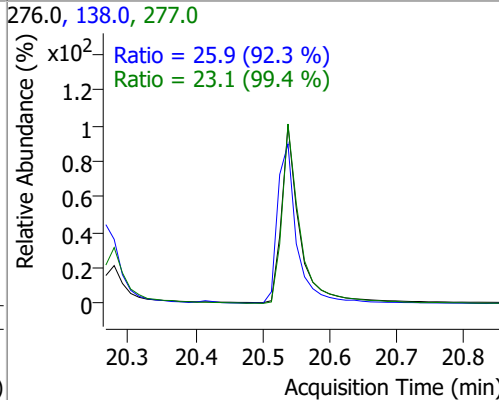
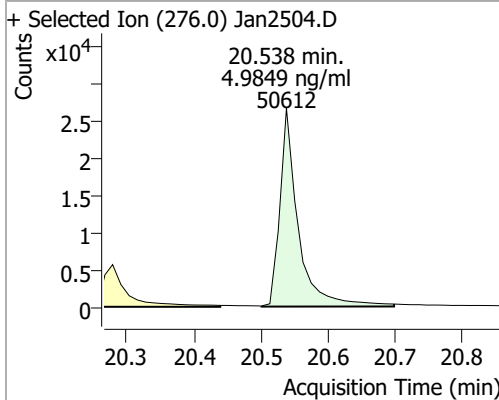
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	4.9465	20.20	-0.02	35428	138.0	27.6	20.3	37.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	5.1216	20.28	-0.02	41536	279.0	23.8	17.6	32.7
					139.0	20.8	16.9	31.3



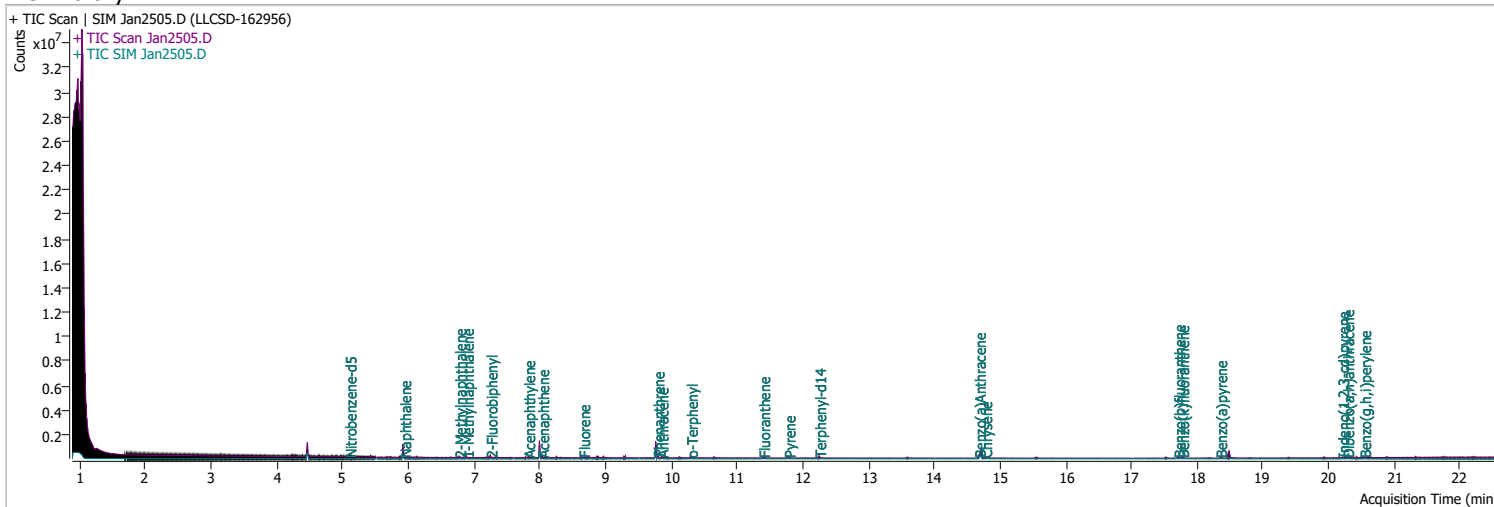
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	4.9849	20.54	-0.02	50612	138.0	25.9	19.6	36.5
					277.0	23.1	16.3	30.2



# Quantitation Results Report (QT Reviewed)

Data File	Jan2505.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 12:41:15 PM
Sample Name	LLCSD-162956	Instrument	GCMS
Vial	5	Multiplier	1.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	185130	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	343252	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.001	164.0	214673	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	400815	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	283651	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	191007	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	25894	6.0360	ng/ml	-0.037
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 120.72%	*	
S 2-Fluorobiphenyl	7.252	172.0	49126	4.7609	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 95.22%	*	
S o-Terphenyl	10.299	230.0	29605	4.5382	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 90.76%		
S Terphenyl-d14	12.251	244.0	42997	8.0170	ng/ml	-0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 160.34%	*	
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	34808	2.9311	ng/ml	95
T 2-Methylnaphthalene	6.778	141.0	20978	3.1650	ng/ml	89
T 1-Methylnaphthalene	6.890	141.0	17933	2.5653	ng/ml	98
T Acenaphthylene	7.826	152.0	32475	2.4685	ng/ml	# 89
T Acenaphthene	8.038	154.0	24960	2.9659	ng/ml	98
T Fluorene	8.661	166.0	36773	3.6929	ng/ml	100
T Phenanthrene	9.793	178.0	63382	5.0930	ng/ml	91
T Anthracene	9.854	178.0	57385	5.1469	ng/ml	99
T Fluoranthene	11.398	202.0	66782	4.9126	ng/ml	98
T Pyrene	11.781	202.0	68980	4.8273	ng/ml	100
T Benzo(a)Anthracene	14.677	228.0	48802	5.3552	ng/ml	99
T Chrysene	14.776	228.0	65433	5.0401	ng/ml	99
T Benzo(b)fluoranthene	17.709	252.0	43121	5.0108	ng/ml	99

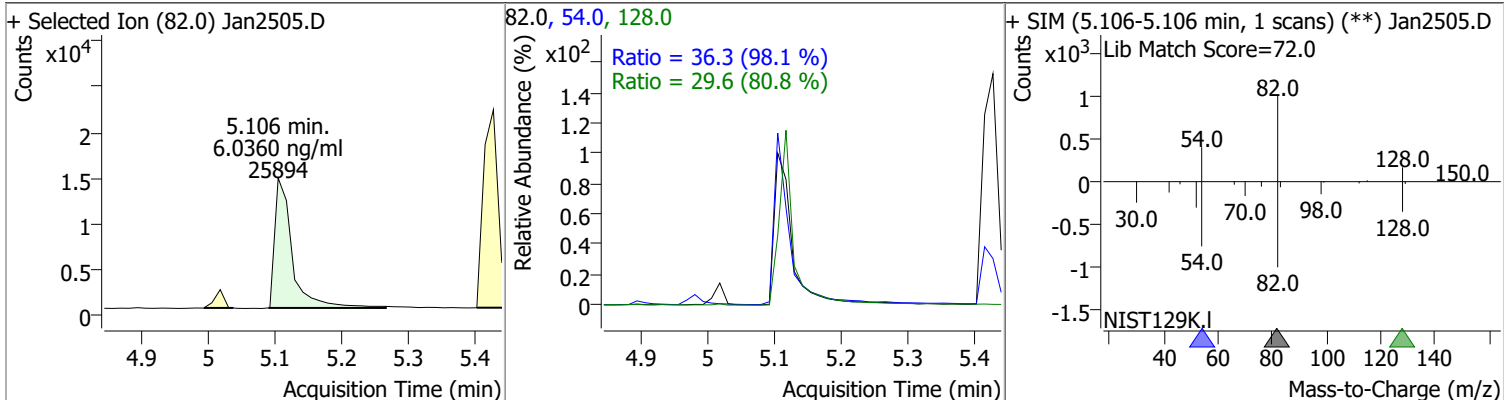
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	47567	4.7356	ng/ml	99
T Benzo(a)pyrene	18.351	252.0	33642	4.8111	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.204	276.0	32597	4.8490	ng/ml	97
T Dibenzo(a,h)anthracene	20.279	278.0	38025	4.9833	ng/ml	97
T Benzo(g,h,i)perylene	20.538	276.0	47421	4.9657	ng/ml	96

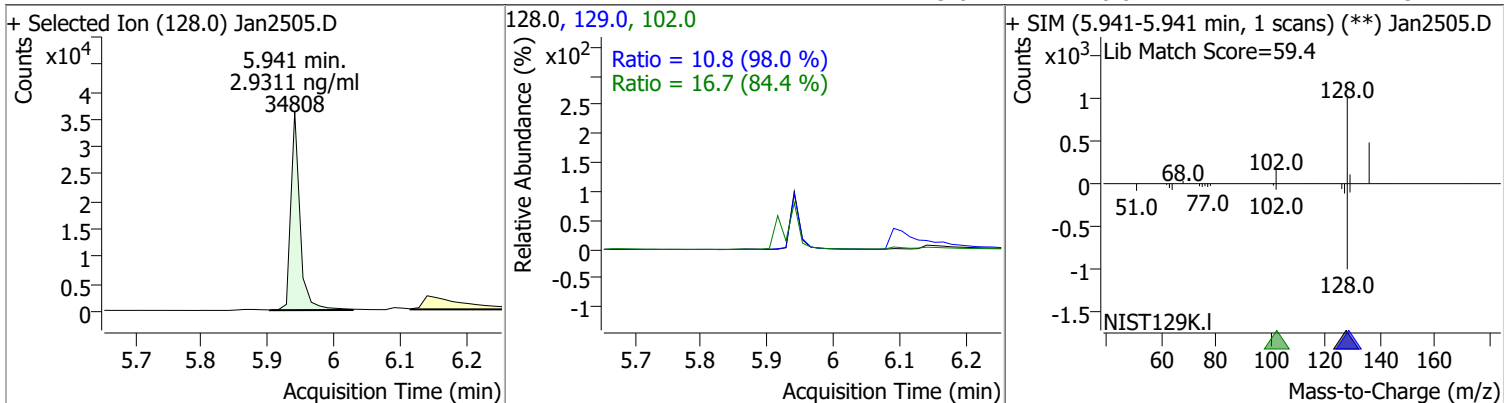
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

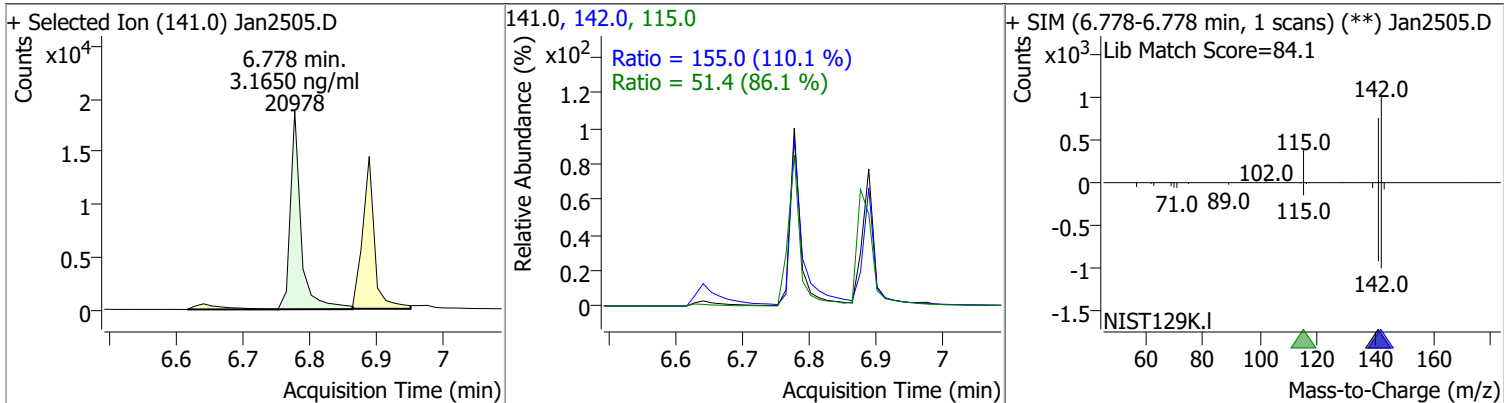
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	6.0360	5.11	-0.04	25894	54.0	36.3	25.9	48.1
					128.0	29.6	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.9311	5.94	-0.01	34808	102.0	16.7	0.0	59.6
					129.0	10.8	7.7	14.3

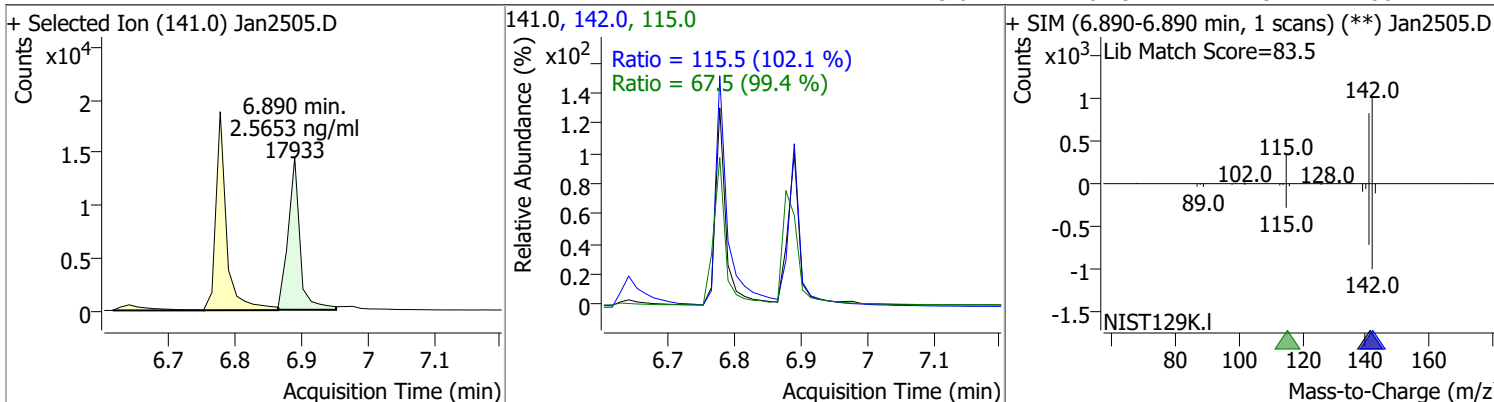


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.1650	6.78	-0.01	20978	142.0	155.0	98.5	183.0
					115.0	51.4	41.8	77.6

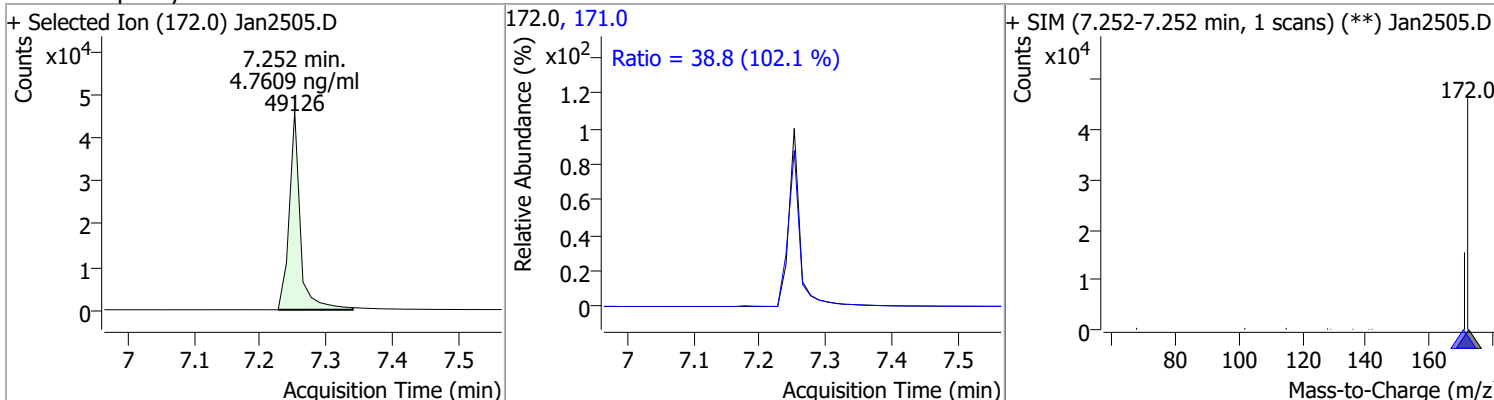


# Quantitation Results Report (QT Reviewed)

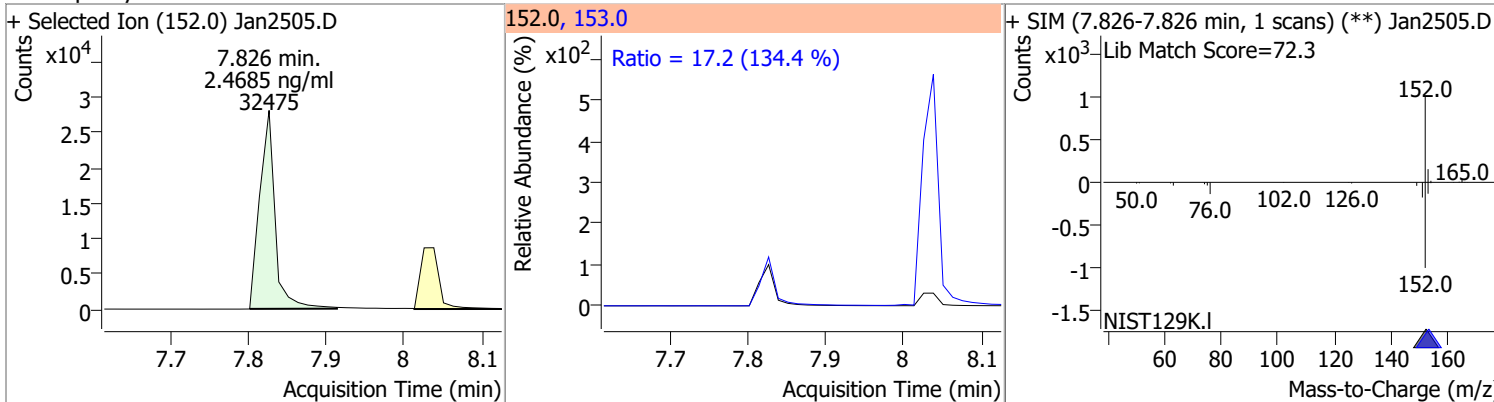
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.5653	6.89	-0.01	17933	142.0	115.5	79.2	147.1
					115.0	67.5	47.5	88.2



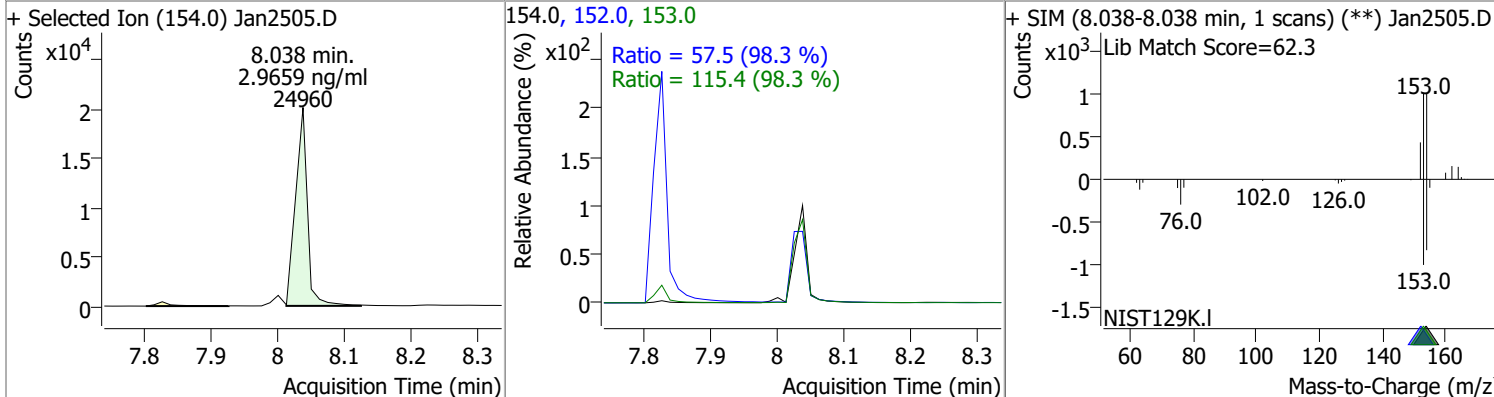
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	4.7609	7.25	-0.01	49126	171.0	38.8	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	2.4685	7.83	0.00	32475	153.0	17.2	9.0	16.6

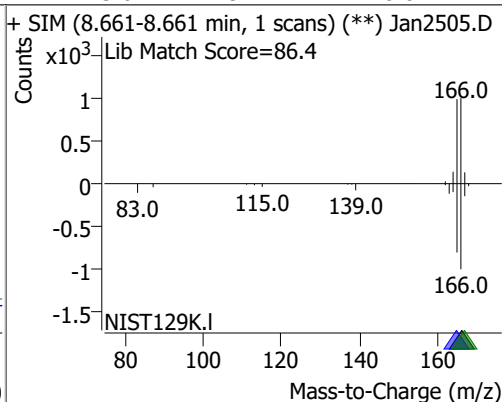
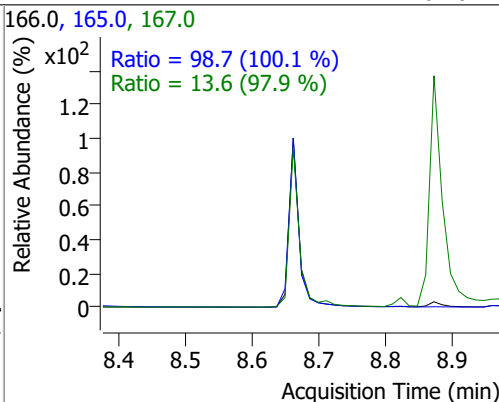
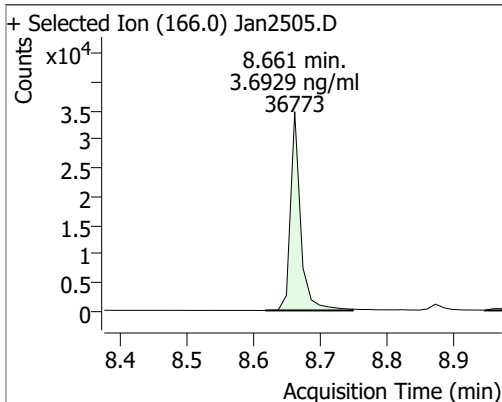


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	2.9659	8.04	0.00	24960	153.0	115.4	82.1	152.6
					152.0	57.5	41.0	76.1

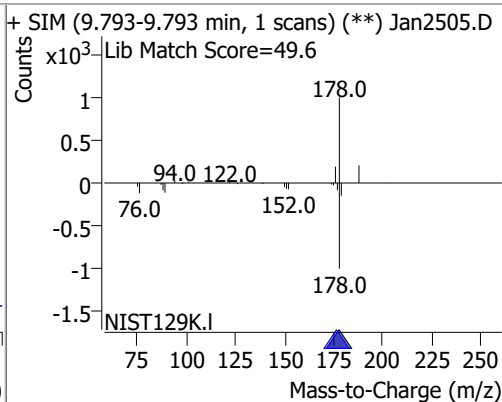
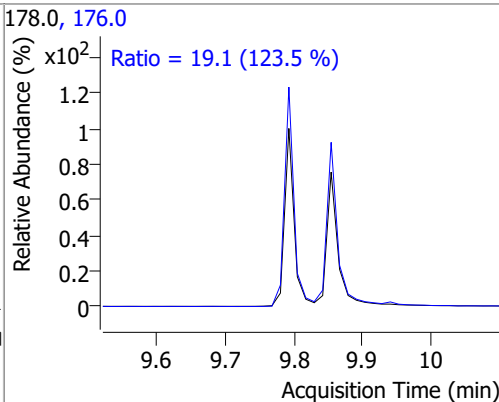
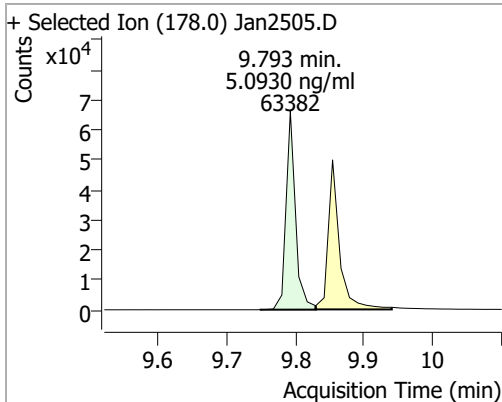


# Quantitation Results Report (QT Reviewed)

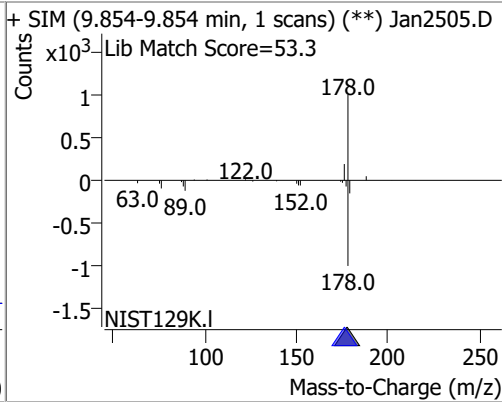
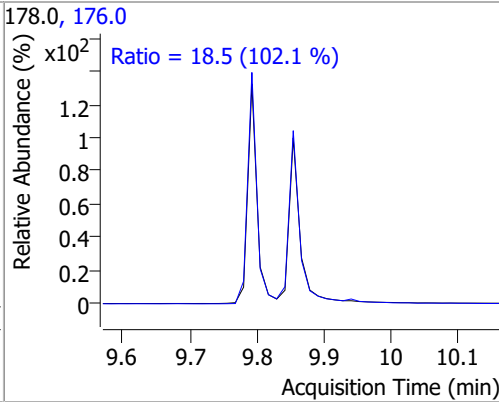
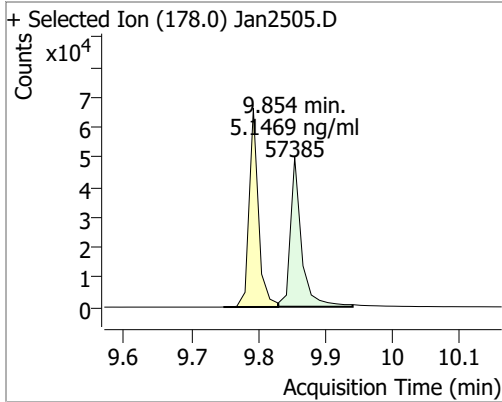
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.6929	8.66	-0.01	36773	165.0	98.7	69.1	128.3
					167.0	13.6	9.7	18.0



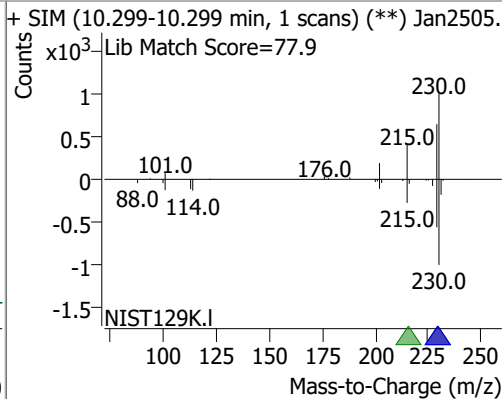
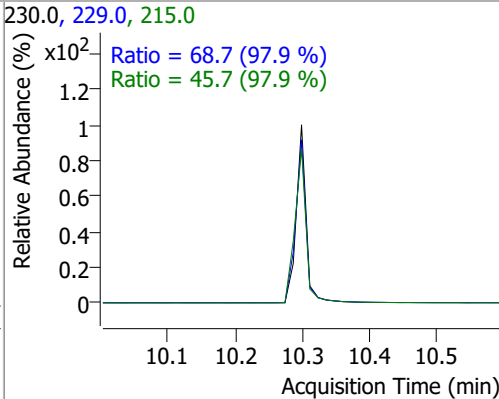
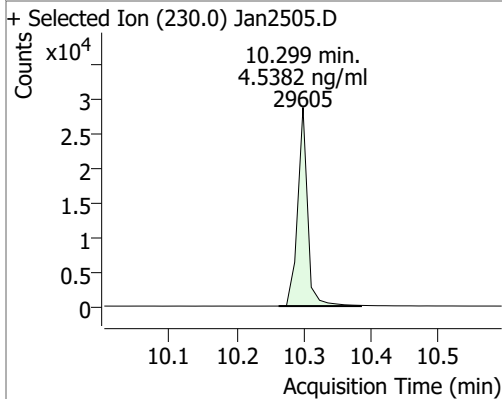
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	5.0930	9.79	-0.01	63382	176.0	19.1	10.8	20.1



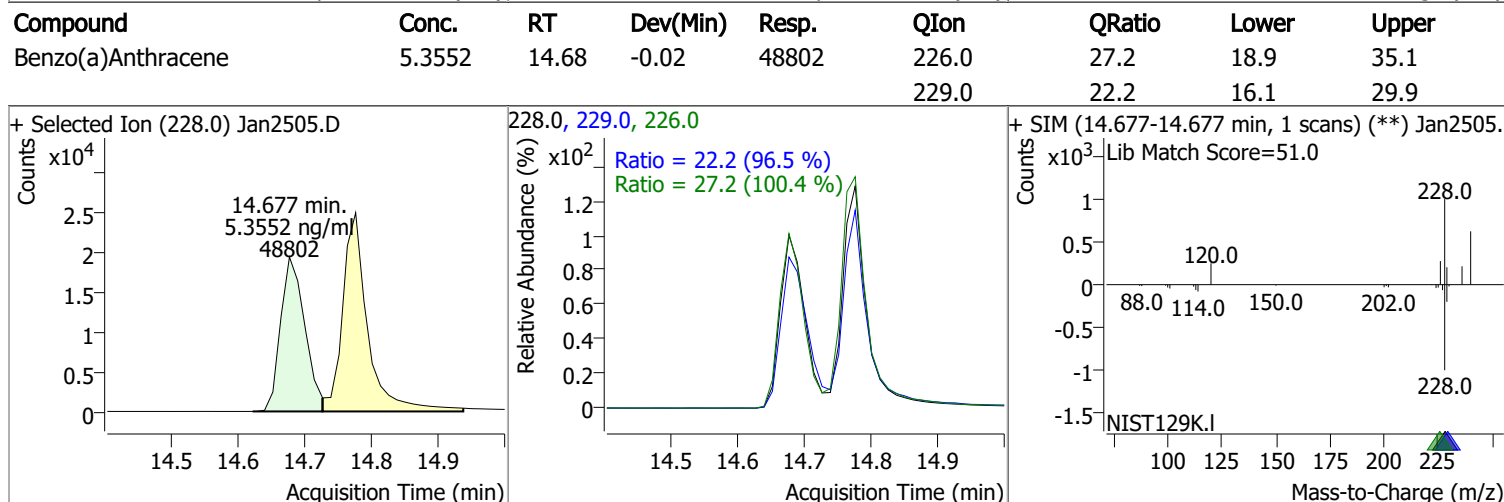
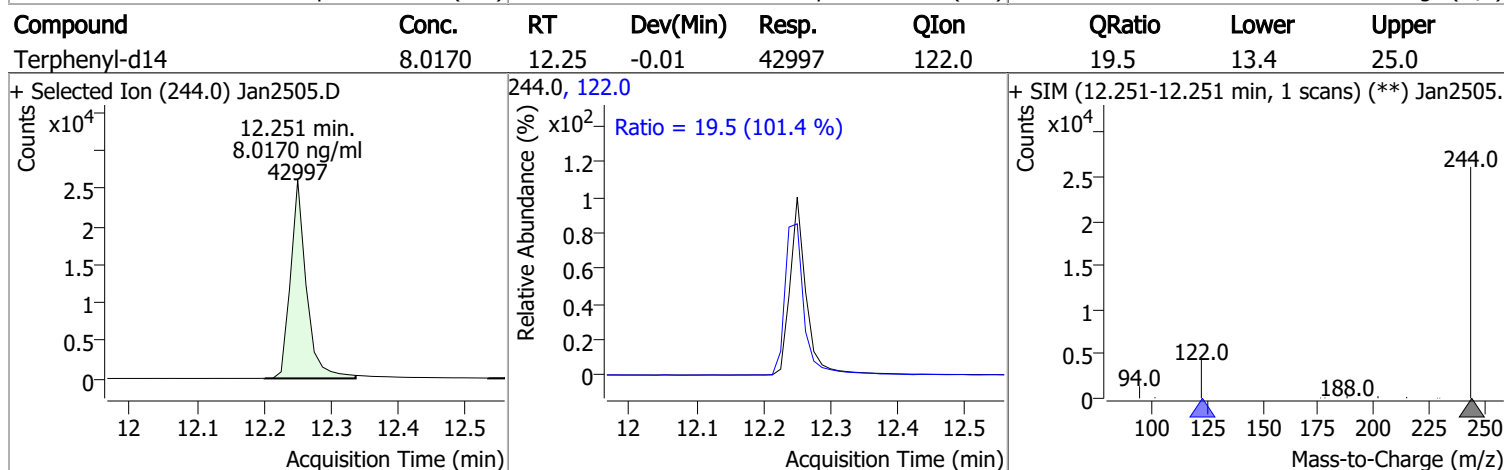
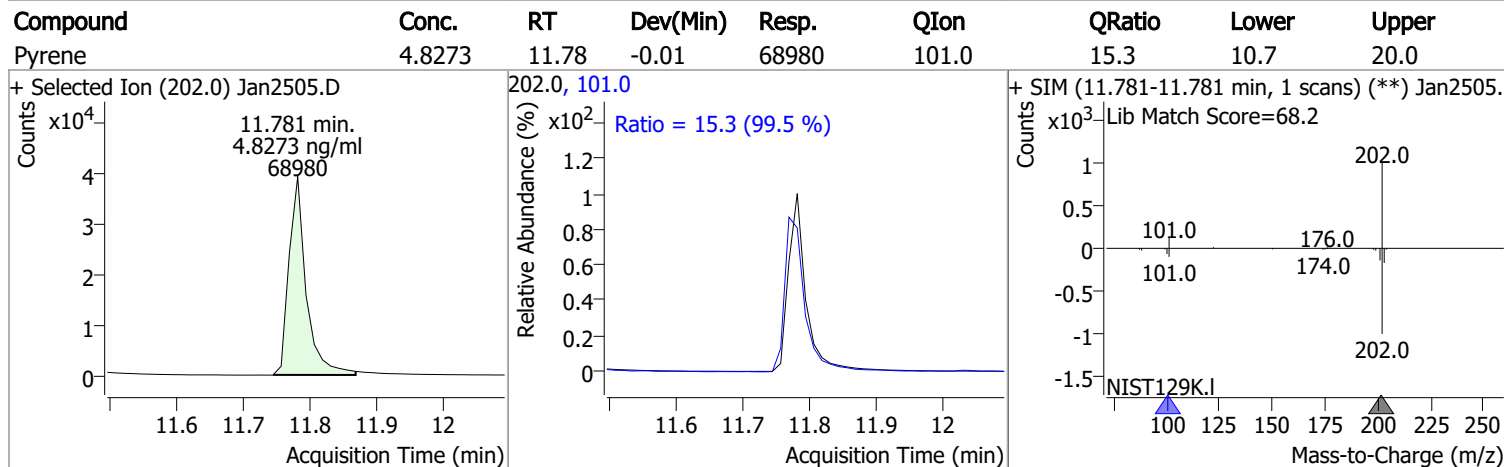
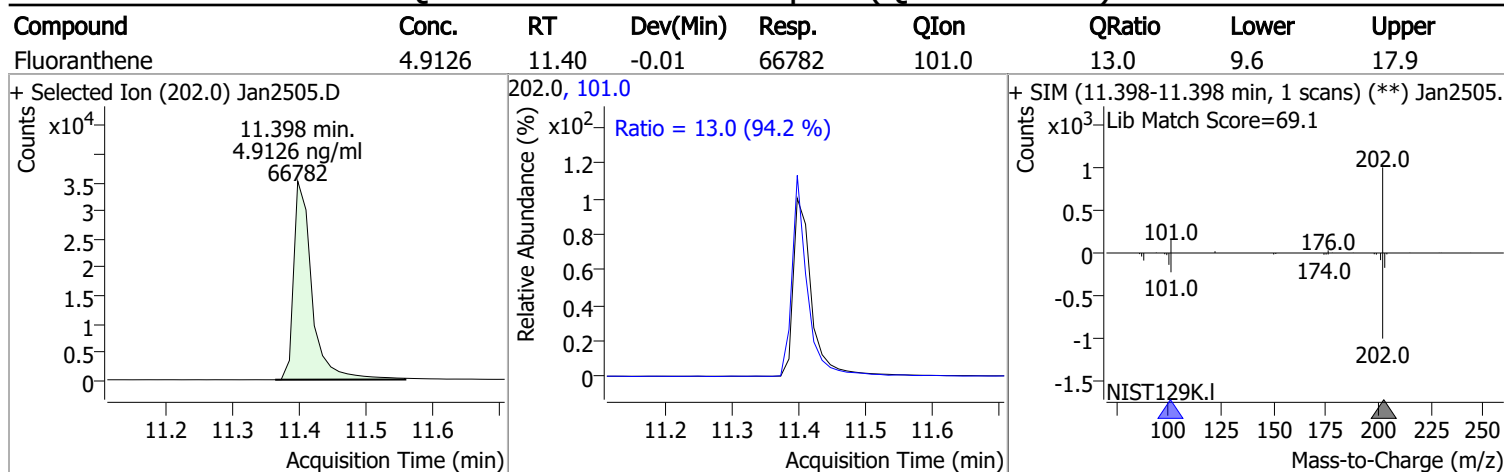
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	5.1469	9.85	-0.01	57385	176.0	18.5	12.7	23.5



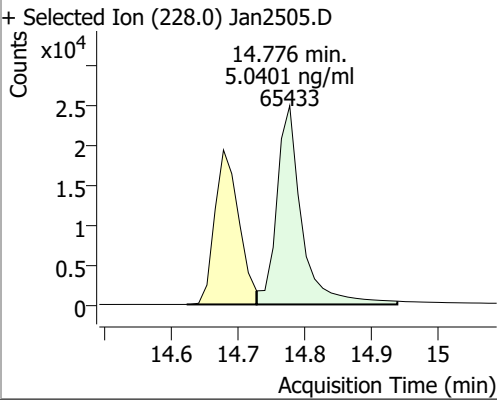
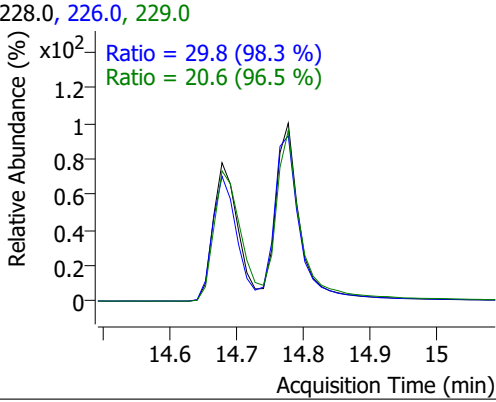
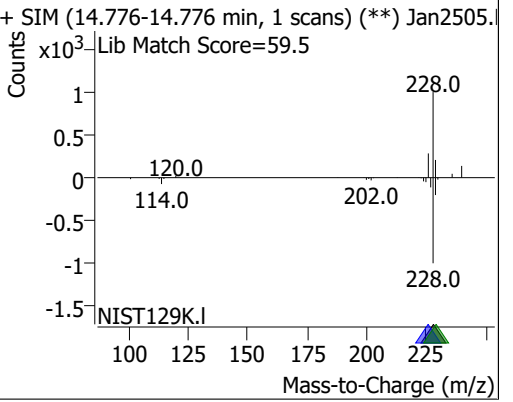
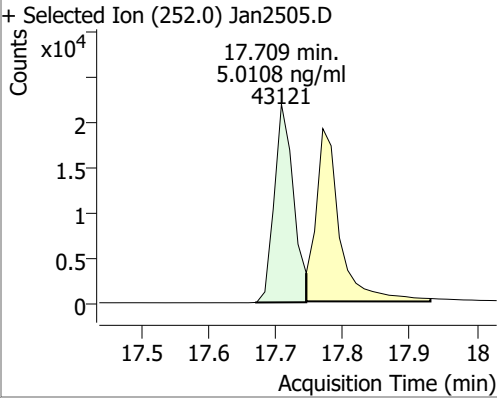
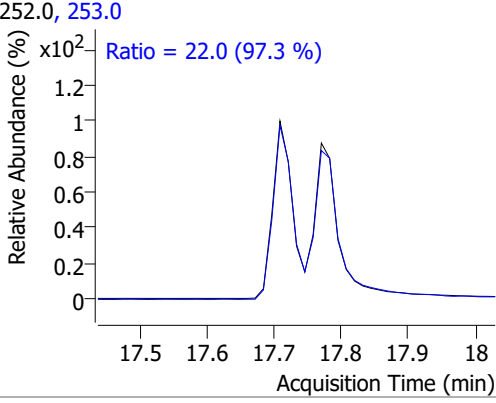
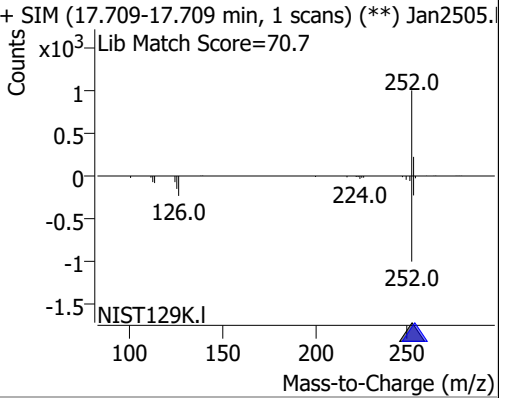
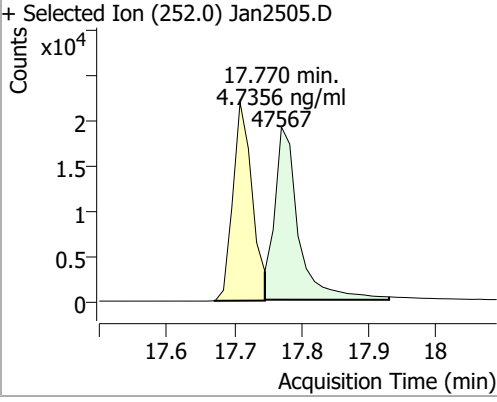
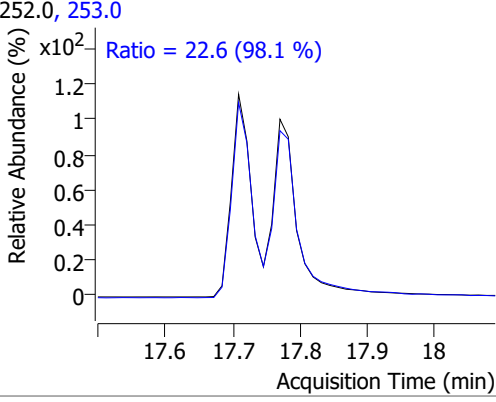
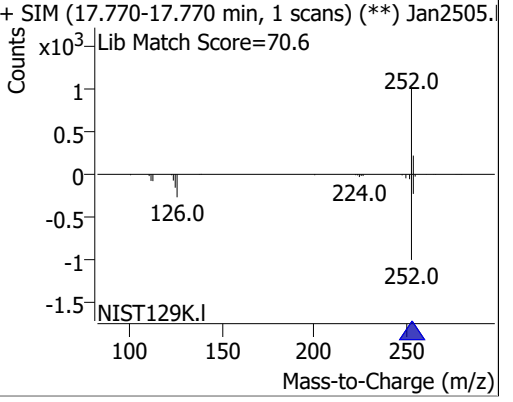
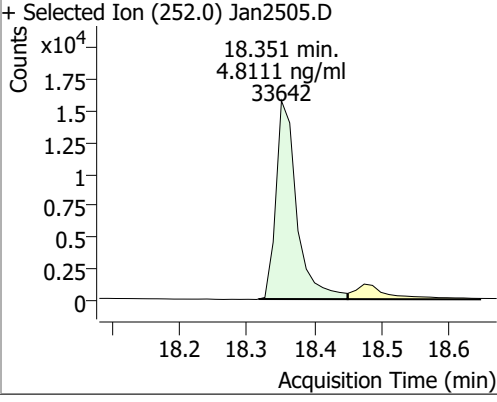
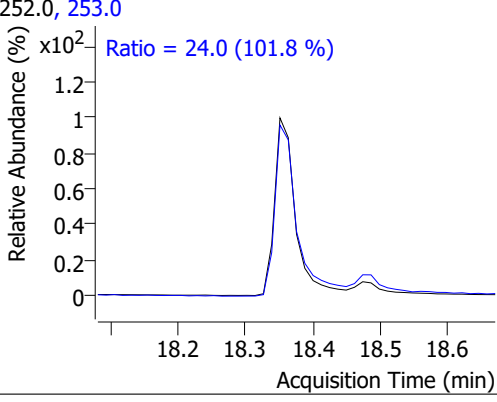
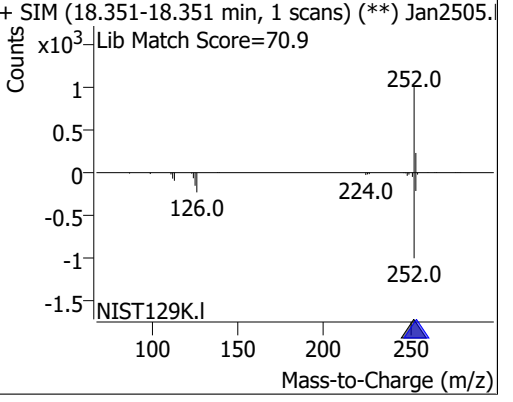
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.5382	10.30	0.00	29605	229.0	68.7	49.2	91.3
					215.0	45.7	32.7	60.7



# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	5.0401	14.78	-0.01	65433	226.0 229.0	29.8 20.6	21.2 15.0	39.4 27.8
+ Selected Ion (228.0) Jan2505.D 			228.0, 226.0, 229.0 			+ SIM (14.776-14.776 min, 1 scans) (**) Jan2505. Lib Match Score=59.5 		
Benzo(b)fluoranthene	5.0108	17.71	-0.02	43121	253.0	22.0	15.8	29.4
+ Selected Ion (252.0) Jan2505.D 			252.0, 253.0 			+ SIM (17.709-17.709 min, 1 scans) (**) Jan2505. Lib Match Score=70.7 		
Benzo(k)fluoranthene	4.7356	17.77	-0.02	47567	253.0	22.6	16.1	29.9
+ Selected Ion (252.0) Jan2505.D 			252.0, 253.0 			+ SIM (17.770-17.770 min, 1 scans) (**) Jan2505. Lib Match Score=70.6 		
Benzo(a)pyrene	4.8111	18.35	-0.02	33642	253.0	24.0	16.5	30.6
+ Selected Ion (252.0) Jan2505.D 			252.0, 253.0 			+ SIM (18.351-18.351 min, 1 scans) (**) Jan2505. Lib Match Score=70.9 		



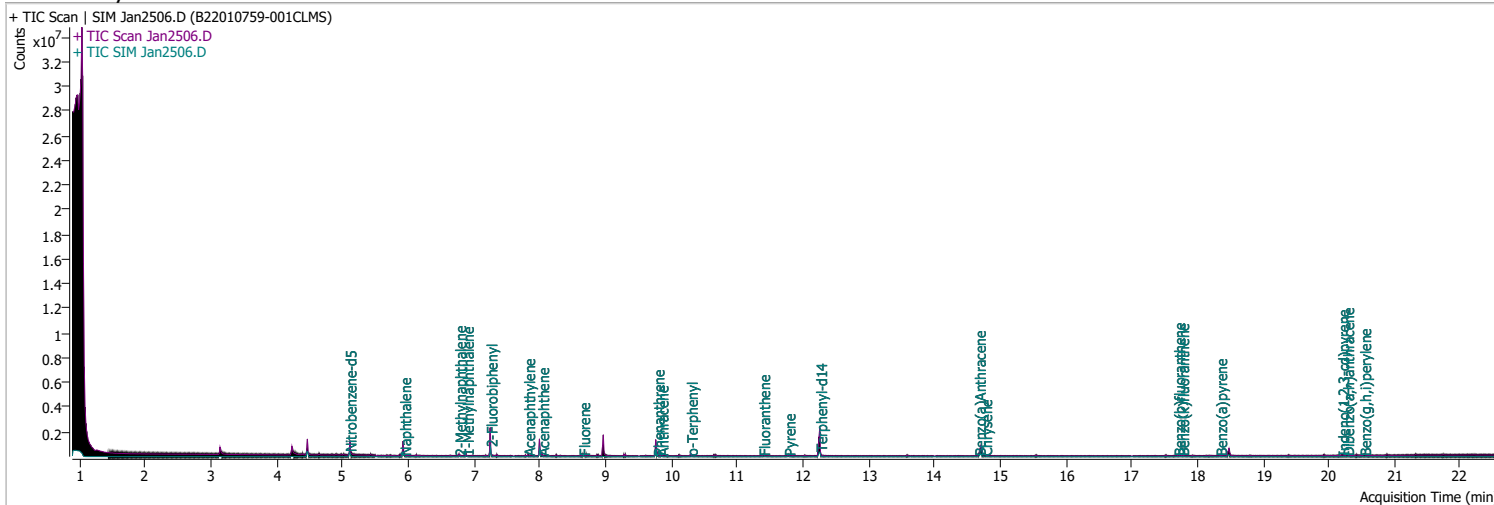
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	4.8490	20.20	-0.02	32597	138.0	27.3	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2505.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 27.3 (94.5 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan2505.I</p> <p>Lib Match Score=78.4</p> </div> </div>								
Dibenzo(a,h)anthracene	4.9833	20.28	-0.02	38025	279.0	24.5	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2505.D</p> </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 24.5 (97.7 %)</p> <p>Ratio = 22.0 (91.4 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.279-20.279 min, 1 scans) (**) Jan2505.I</p> <p>Lib Match Score=77.3</p> </div> </div>								
Benzo(g,h,i)perylene	4.9657	20.54	-0.02	47421	138.0	25.4	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2505.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 25.4 (90.5 %)</p> <p>Ratio = 24.2 (103.9 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan2505.I</p> <p>Lib Match Score=78.1</p> </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan2506.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 1:13:57 PM
Sample Name	B22010759-001CLMS	Instrument	GCMS
Vial	6	Multiplier	1.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	196543	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	365074	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.001	164.0	221666	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	448337	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	305242	40.0000	ng/ml	-0.012
M Perylene-d12	18.475	264.0	197848	40.0000	ng/ml	-0.025
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	337159	33.7958	ng/ml	-0.037
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 675.92%	*	
S 2-Fluorobiphenyl	7.252	172.0	563795	52.9148	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1058.30%	*	
S o-Terphenyl	10.299	230.0	26186	3.5887	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 71.77%		
S Terphenyl-d14	12.263	244.0	537992	67.6821	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1353.64%	*	
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	43202	3.4205	ng/ml	93
T 2-Methylnaphthalene	6.777	141.0	27148	3.8510	ng/ml	92
T 1-Methylnaphthalene	6.890	141.0	22962	3.0883	ng/ml	98
T Acenaphthylene	7.826	152.0	42800	3.1507	ng/ml	68
T Acenaphthene	8.038	154.0	28568	3.2875	ng/ml	97
T Fluorene	8.661	166.0	38596	3.7537	ng/ml	100
T Phenanthrene	9.793	178.0	59964	4.3214	ng/ml	95
T Anthracene	9.854	178.0	54548	4.4114	ng/ml	100
T Fluoranthene	11.398	202.0	60581	3.9842	ng/ml	98
T Pyrene	11.781	202.0	64190	4.1744	ng/ml	97
T Benzo(a)Anthracene	14.677	228.0	42555	4.3834	ng/ml	99
T Chrysene	14.776	228.0	56903	4.0731	ng/ml	97
T Benzo(b)fluoranthene	17.709	252.0	37353	4.1905	ng/ml	100

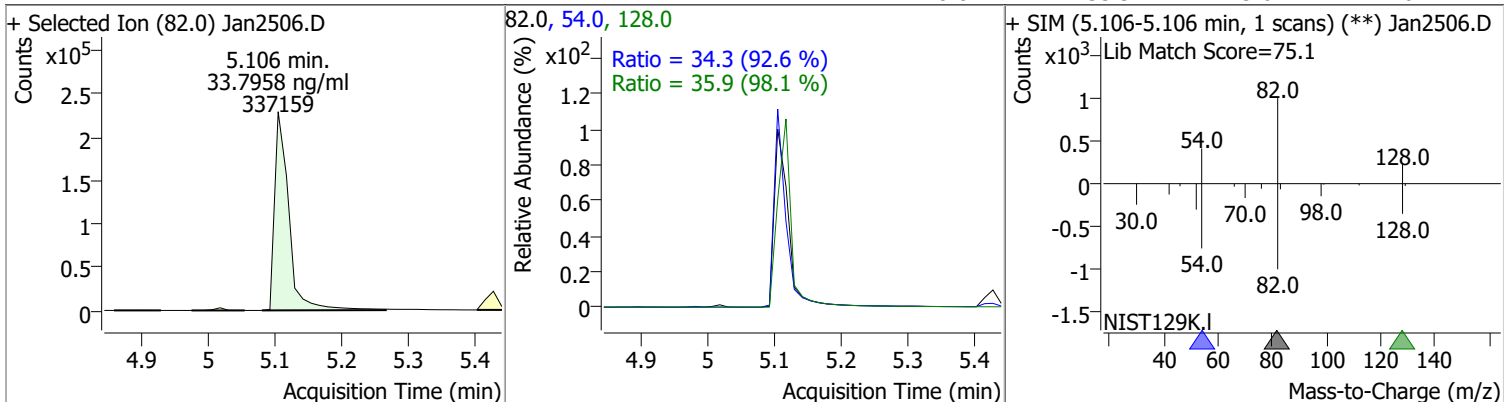
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	39867	3.8608	ng/ml	98
T Benzo(a)pyrene	18.351	252.0	28907	4.0628	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.204	276.0	29644	4.3151	ng/ml	94
T Dibenzo(a,h)anthracene	20.279	278.0	32334	4.0910	ng/ml	98
T Benzo(g,h,i)perylene	20.538	276.0	40738	4.1755	ng/ml	97

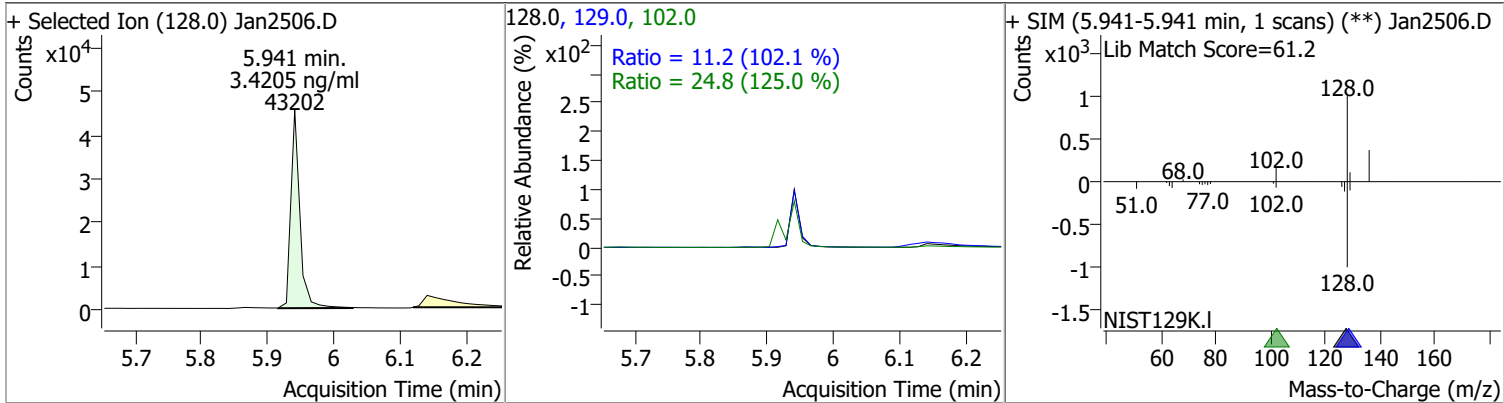
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

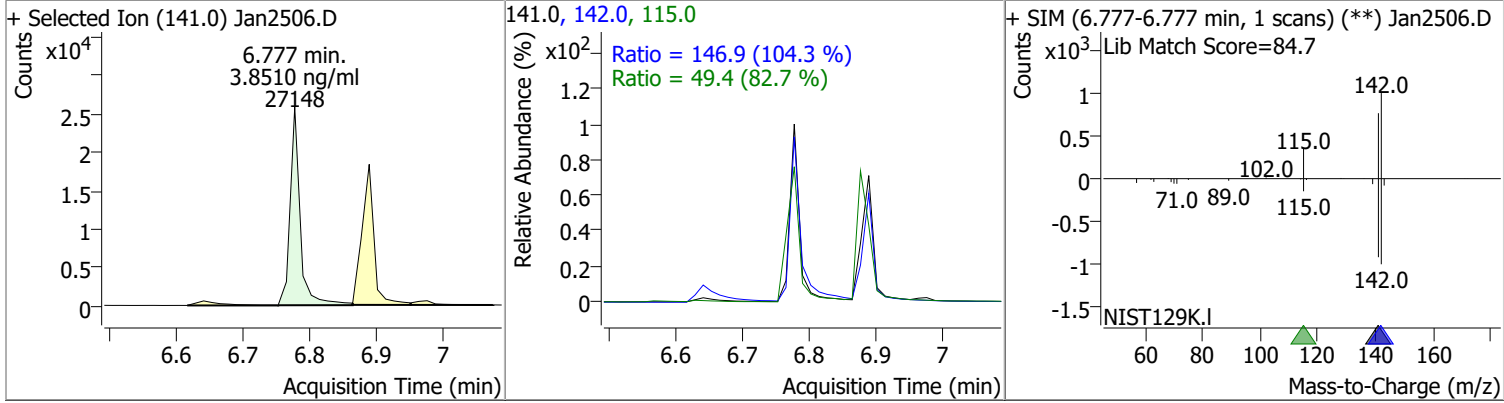
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	33.7958	5.11	-0.04	337159	54.0	34.3	25.9	48.1
					128.0	35.9	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.4205	5.94	-0.01	43202	102.0	24.8	0.0	59.6
					129.0	11.2	7.7	14.3

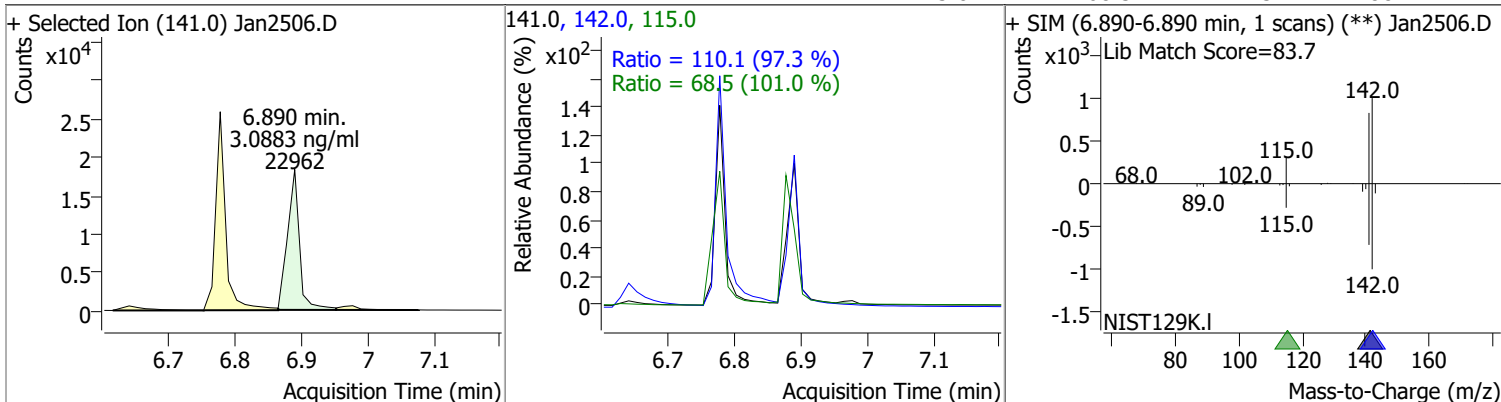


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.8510	6.78	-0.01	27148	142.0	146.9	98.5	183.0
					115.0	49.4	41.8	77.6

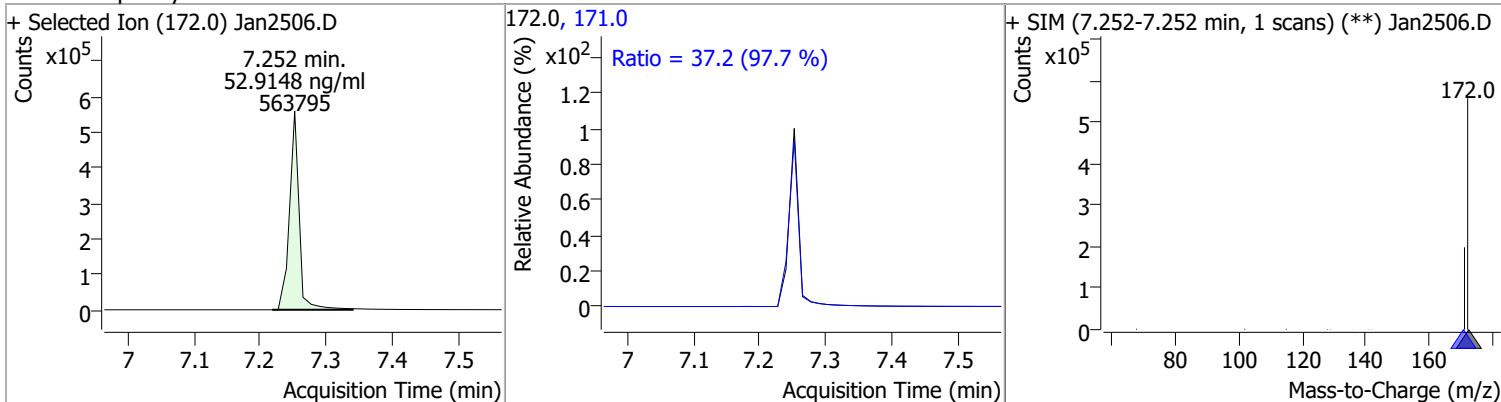


# Quantitation Results Report (QT Reviewed)

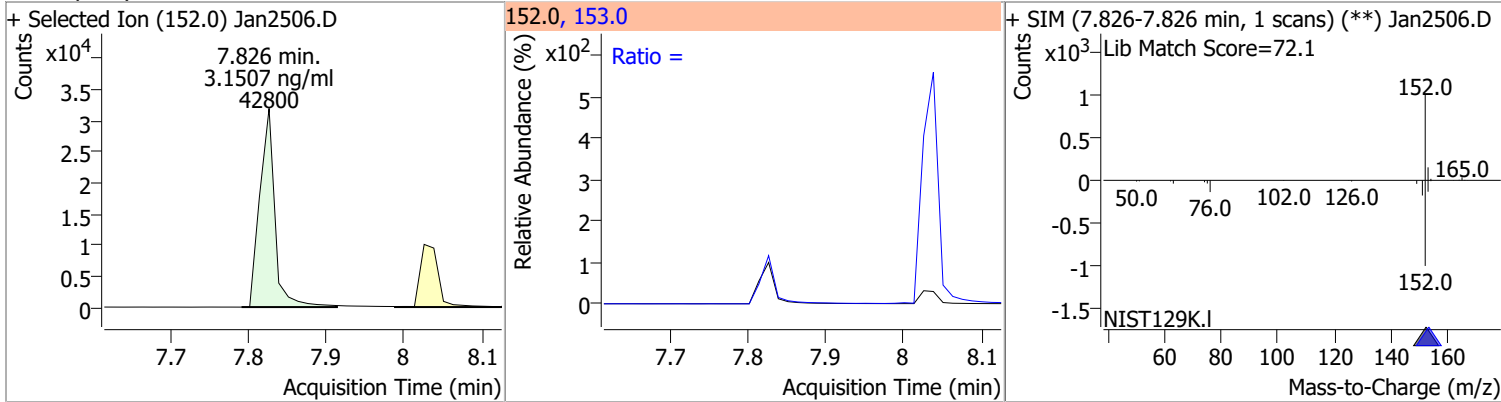
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	3.0883	6.89	-0.01	22962	142.0	110.1	79.2	147.1
					115.0	68.5	47.5	88.2



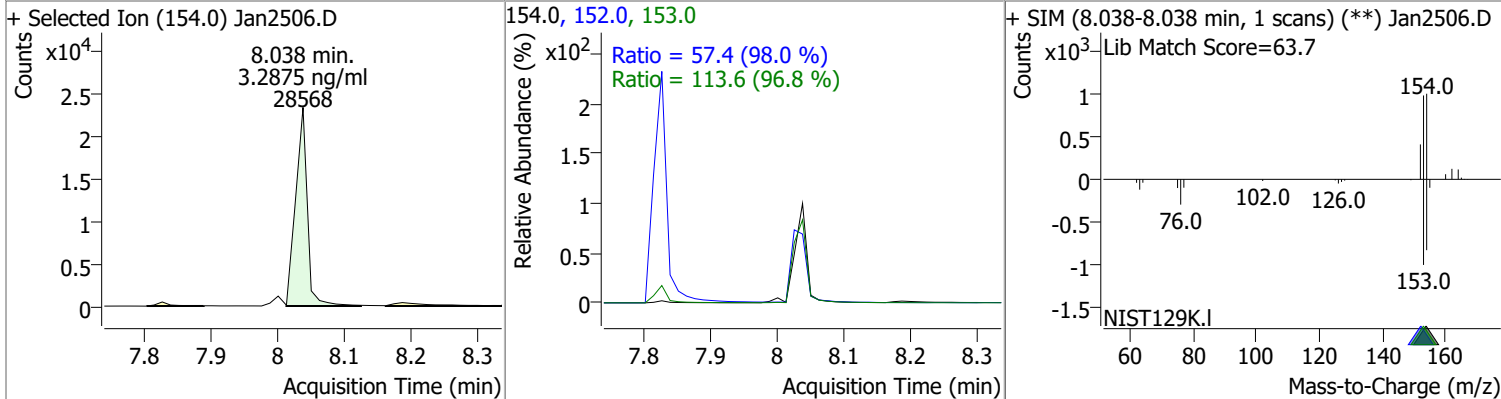
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	52.9148	7.25	-0.01	563795	171.0	37.2	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	3.1507	7.83	0.00	42800	153.0		9.0	16.6

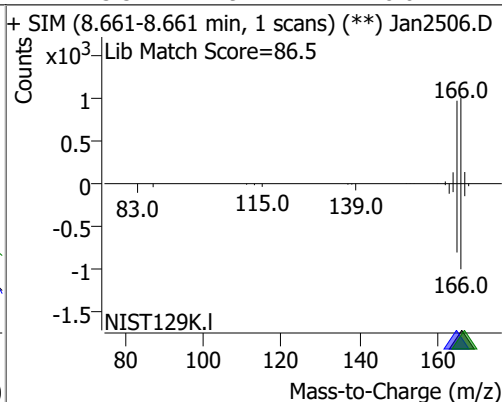
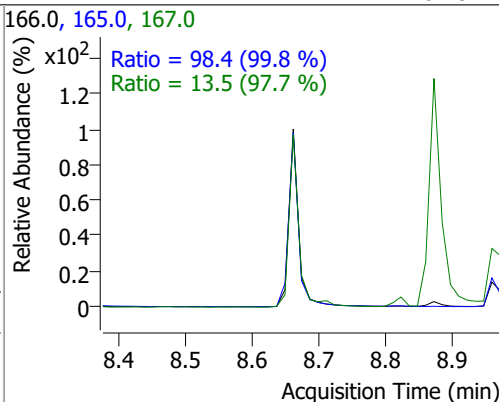
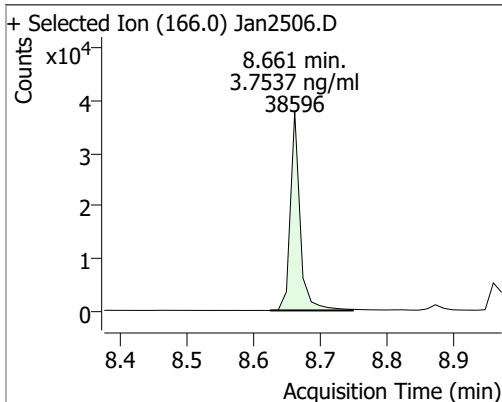


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	3.2875	8.04	0.00	28568	153.0	113.6	82.1	152.6
					152.0	57.4	41.0	76.1

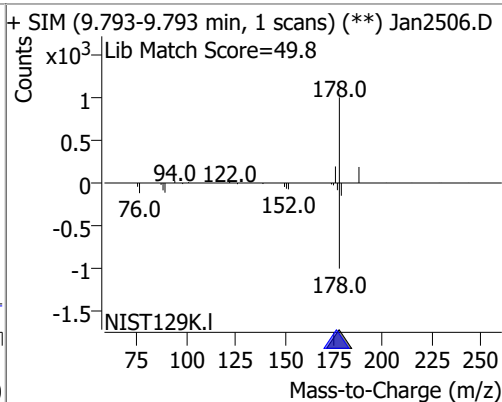
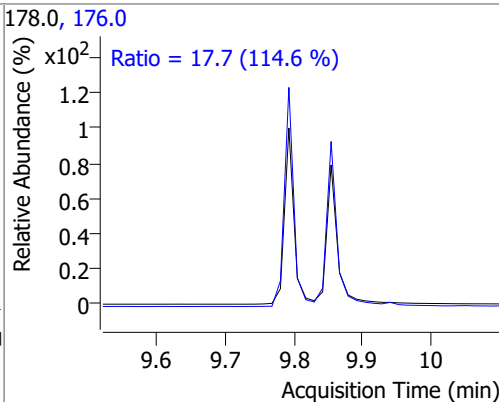
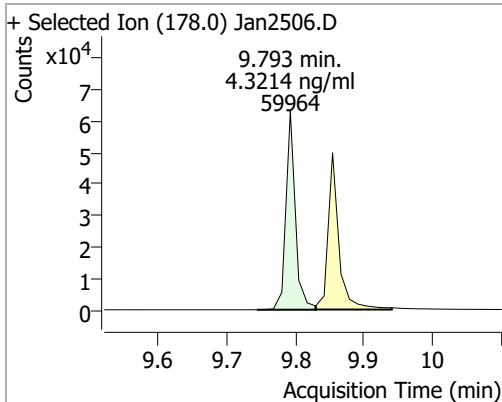


# Quantitation Results Report (QT Reviewed)

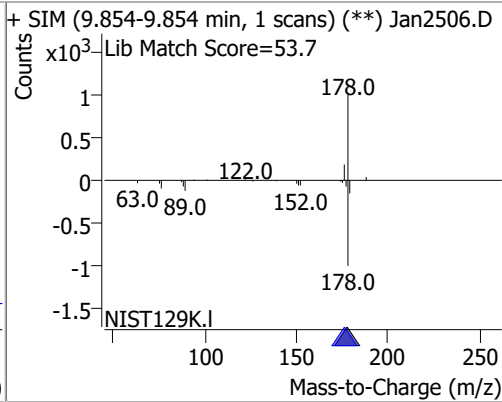
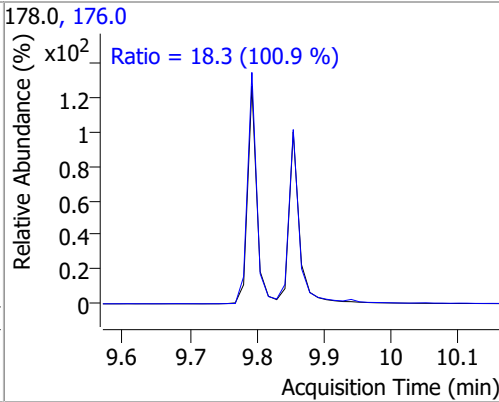
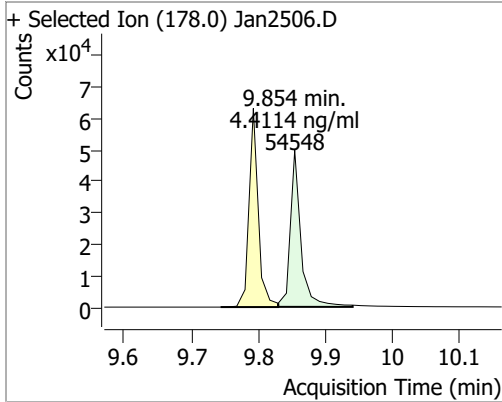
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.7537	8.66	-0.01	38596	165.0	98.4	69.1	128.3
					167.0	13.5	9.7	18.0



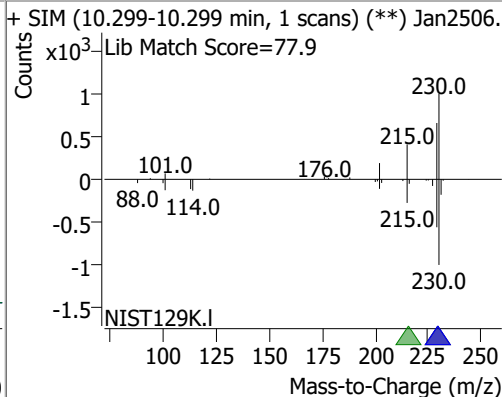
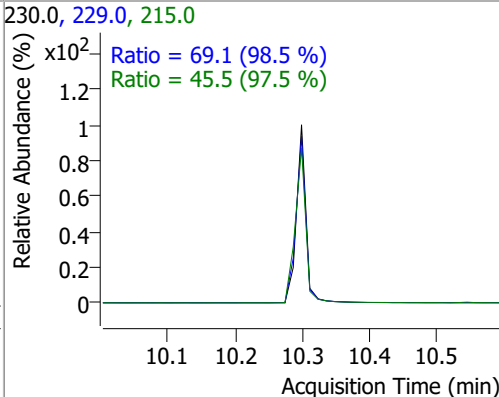
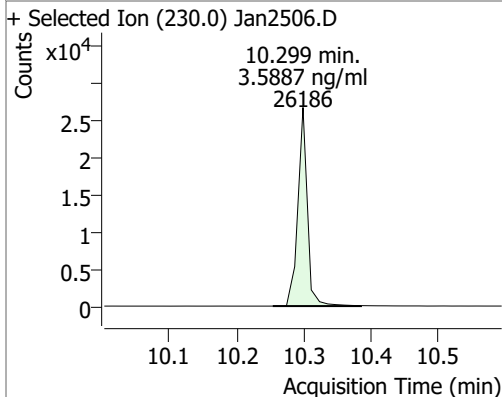
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.3214	9.79	-0.01	59964	176.0	17.7	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.4114	9.85	-0.01	54548	176.0	18.3	12.7	23.5

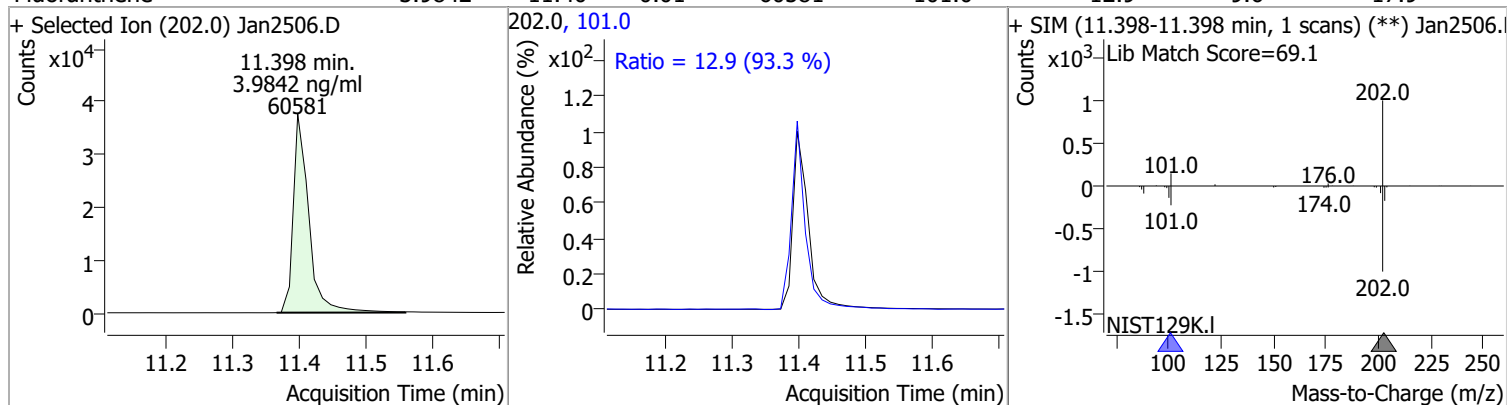


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	3.5887	10.30	0.00	26186	229.0	69.1	49.2	91.3
					215.0	45.5	32.7	60.7

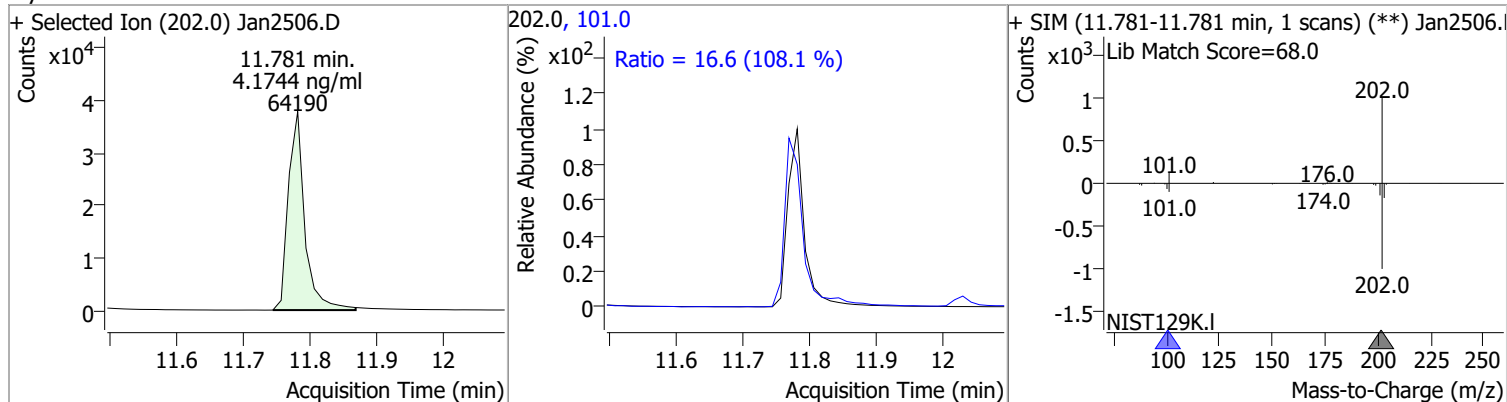


# Quantitation Results Report (QT Reviewed)

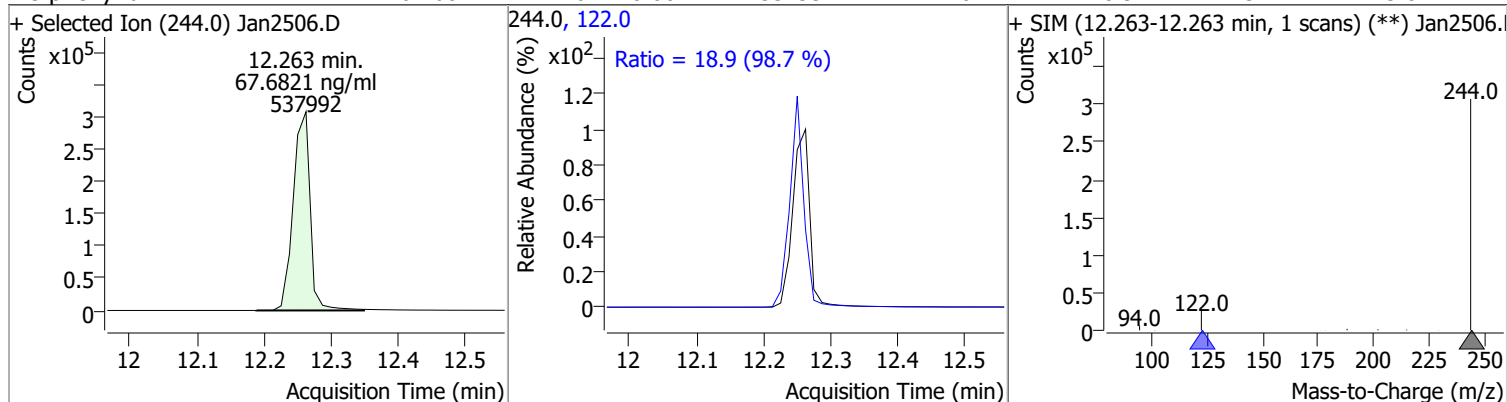
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	3.9842	11.40	-0.01	60581	101.0	12.9	9.6	17.9



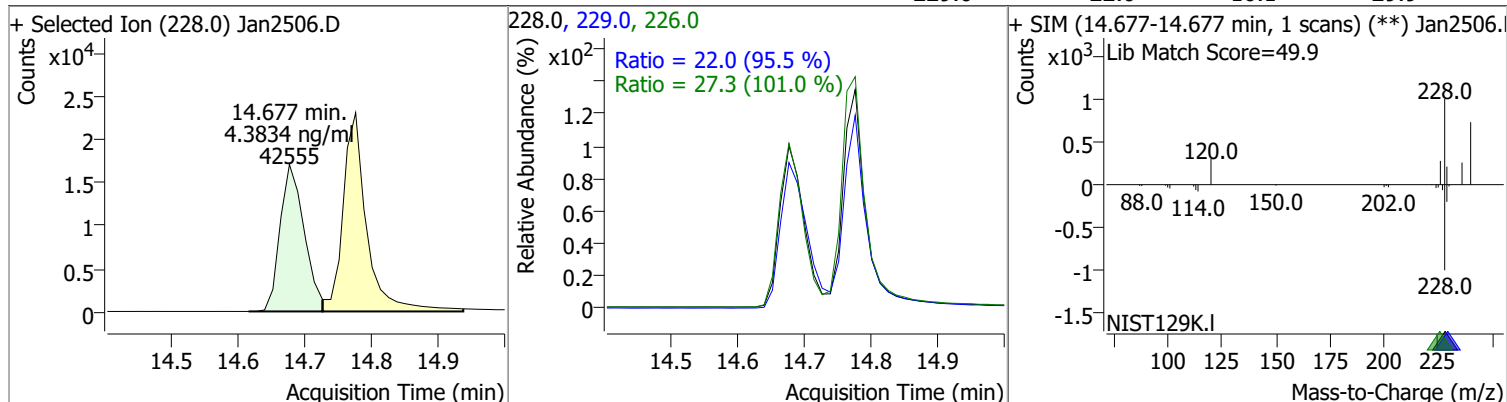
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.1744	11.78	-0.01	64190	101.0	16.6	10.7	20.0



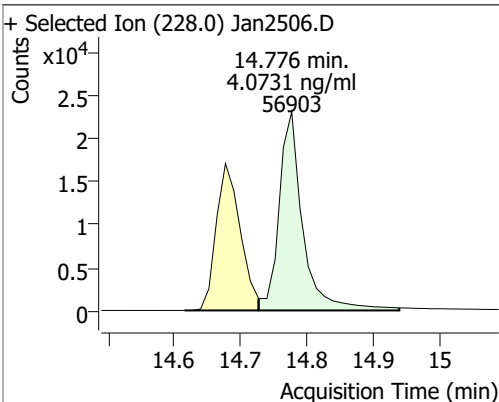
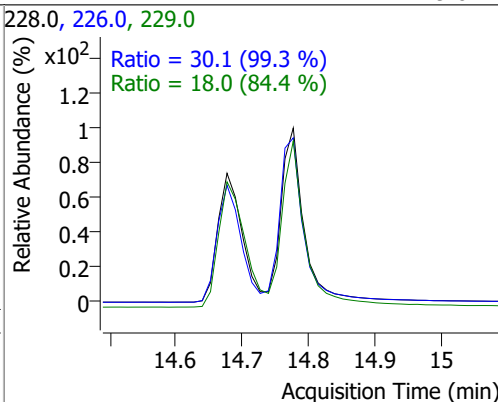
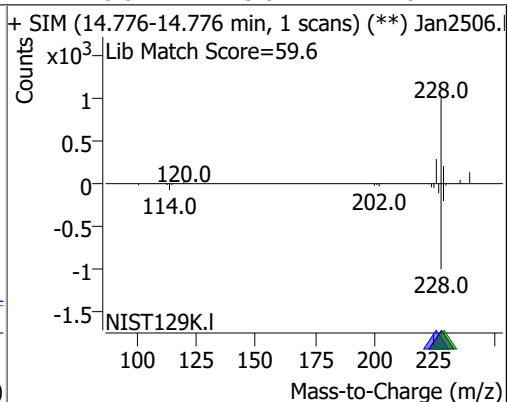
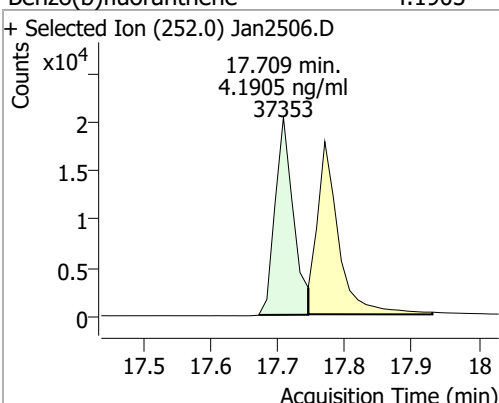
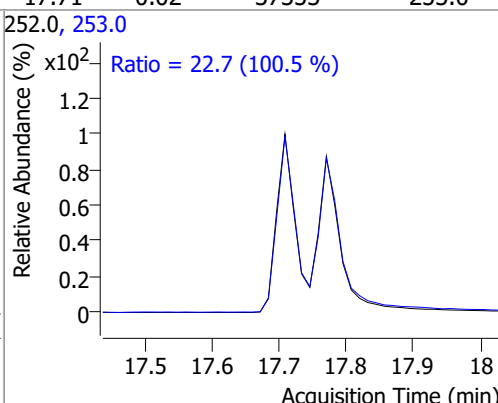
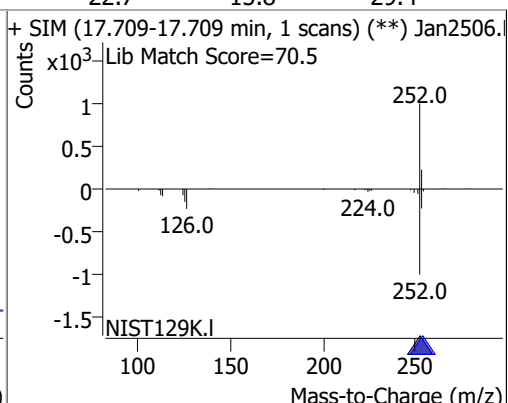
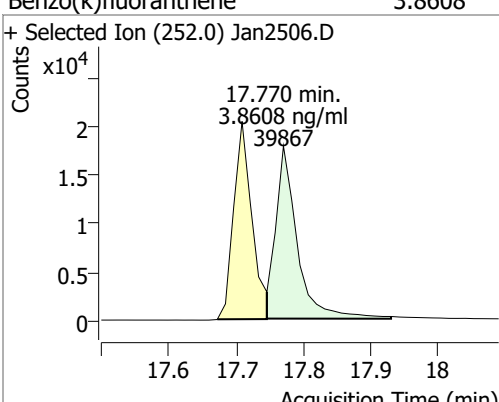
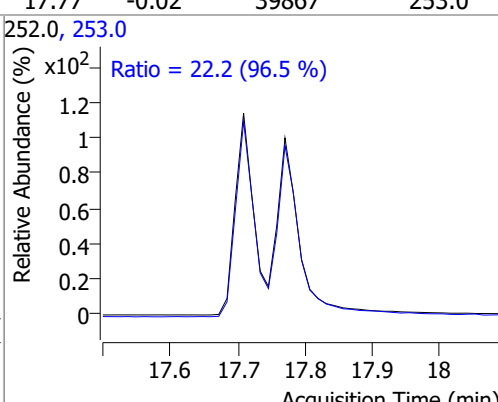
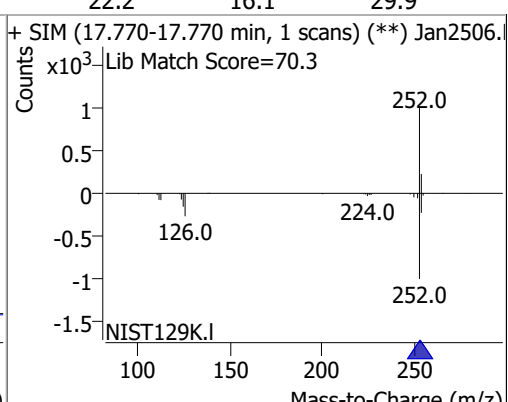
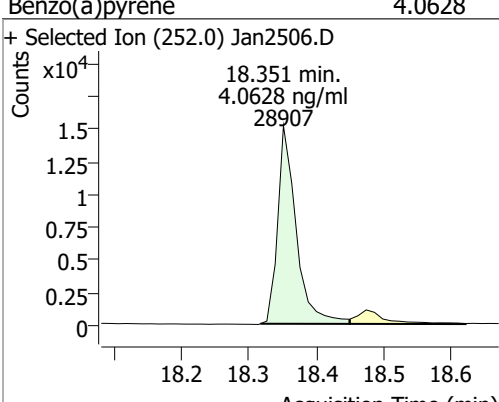
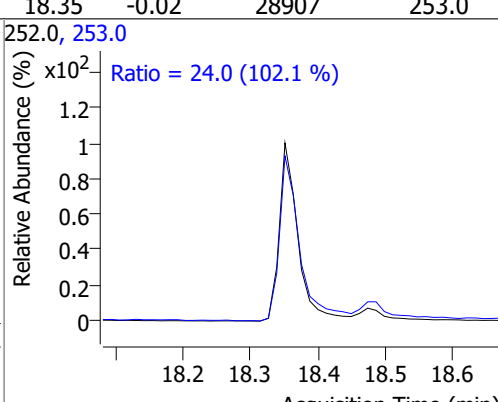
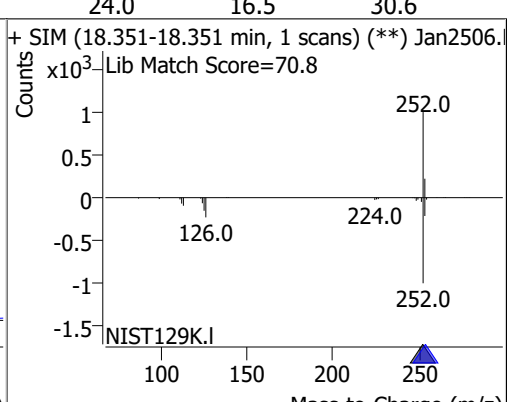
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	67.6821	12.26	0.00	537992	122.0	18.9	13.4	25.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	4.3834	14.68	-0.02	42555	226.0	27.3	18.9	35.1
					229.0	22.0	16.1	29.9



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	4.0731	14.78	-0.01	56903	226.0 229.0	30.1 18.0	21.2 15.0	39.4 27.8
+ Selected Ion (228.0) Jan2506.D 			228.0, 226.0, 229.0 			+ SIM (14.776-14.776 min, 1 scans) (**) Jan2506. Lib Match Score=59.6 		
Benzo(b)fluoranthene	4.1905	17.71	-0.02	37353	253.0	22.7	15.8	29.4
+ Selected Ion (252.0) Jan2506.D 			252.0, 253.0 			+ SIM (17.709-17.709 min, 1 scans) (**) Jan2506. Lib Match Score=70.5 		
Benzo(k)fluoranthene	3.8608	17.77	-0.02	39867	253.0	22.2	16.1	29.9
+ Selected Ion (252.0) Jan2506.D 			252.0, 253.0 			+ SIM (17.770-17.770 min, 1 scans) (**) Jan2506. Lib Match Score=70.3 		
Benzo(a)pyrene	4.0628	18.35	-0.02	28907	253.0	24.0	16.5	30.6
+ Selected Ion (252.0) Jan2506.D 			252.0, 253.0 			+ SIM (18.351-18.351 min, 1 scans) (**) Jan2506. Lib Match Score=70.8 		



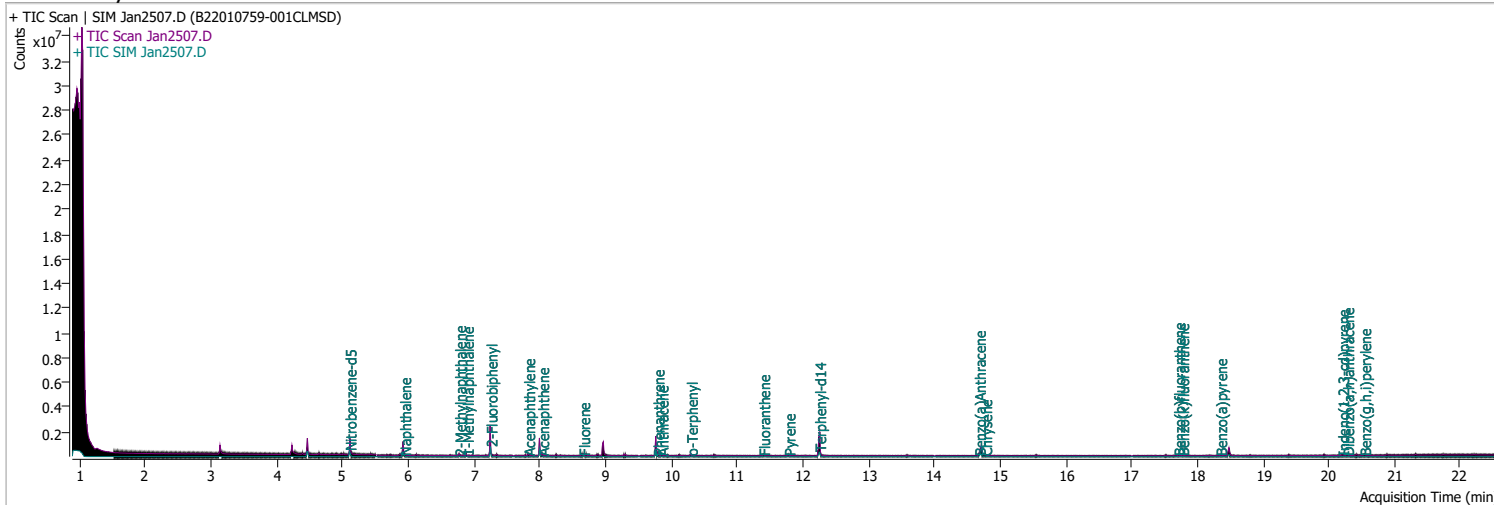
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	4.3151	20.20	-0.02	29644	138.0	25.5	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2506.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 25.5 (88.1 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan2506.D</p> <p>Lib Match Score=78.5</p> </div> </div>								
Dibenzo(a,h)anthracene	4.0910	20.28	-0.02	32334	279.0	24.3	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2506.D</p> </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 24.3 (96.6 %)</p> <p>Ratio = 22.8 (94.7 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.279-20.279 min, 1 scans) (**) Jan2506.D</p> <p>Lib Match Score=77.9</p> </div> </div>								
Benzo(g,h,i)perylene	4.1755	20.54	-0.02	40738	138.0	25.8	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2506.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 25.8 (91.9 %)</p> <p>Ratio = 24.0 (103.1 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan2506.D</p> <p>Lib Match Score=78.1</p> </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan2507.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 1:46:29 PM
Sample Name	B22010759-001CLMSD	Instrument	GCMS
Vial	7	Multiplier	1.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	202480	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	365231	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.000	164.0	221091	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	423151	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	296426	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	196053	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	381232	35.7362	ng/ml	-0.037
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 714.72%	*	
S 2-Fluorobiphenyl	7.252	172.0	592143	55.7200	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1114.40%	*	
S o-Terphenyl	10.299	230.0	23939	3.4759	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 69.52%		
S Terphenyl-d14	12.251	244.0	491032	64.5481	ng/ml	-0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1290.96%	*	
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	45258	3.5818	ng/ml	94
T 2-Methylnaphthalene	6.777	141.0	25964	3.6815	ng/ml	92
T 1-Methylnaphthalene	6.890	141.0	23394	3.1451	ng/ml	98
T Acenaphthylene	7.826	152.0	44426	3.2789	ng/ml	98
T Acenaphthene	8.038	154.0	29651	3.4211	ng/ml	94
T Fluorene	8.661	166.0	38631	3.7668	ng/ml	98
T Phenanthrene	9.793	178.0	57838	4.4147	ng/ml	92
T Anthracene	9.854	178.0	48829	4.1942	ng/ml	100
T Fluoranthene	11.398	202.0	54954	3.8292	ng/ml	99
T Pyrene	11.781	202.0	56359	3.7741	ng/ml	97
T Benzo(a)Anthracene	14.677	228.0	38605	4.1045	ng/ml	99
T Chrysene	14.776	228.0	48502	3.5750	ng/ml	97
T Benzo(b)fluoranthene	17.709	252.0	32554	3.6855	ng/ml	99

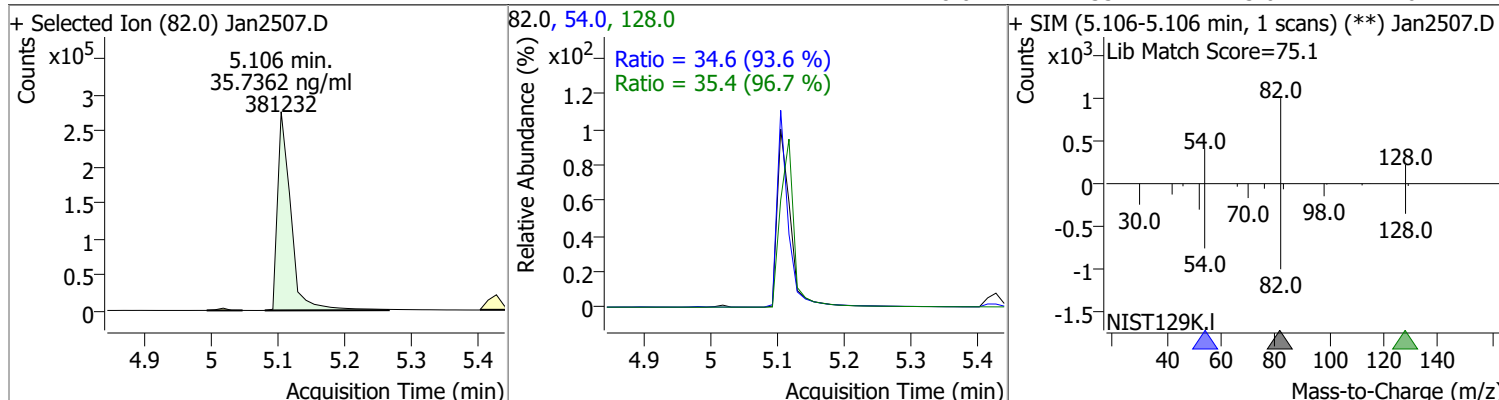
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	36833	3.6073	ng/ml	97
T Benzo(a)pyrene	18.351	252.0	25775	3.6886	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.204	276.0	25013	3.7297	ng/ml	97
T Dibenzo(a,h)anthracene	20.279	278.0	27925	3.5655	ng/ml	98
T Benzo(g,h,i)perylene	20.538	276.0	35077	3.6605	ng/ml	97

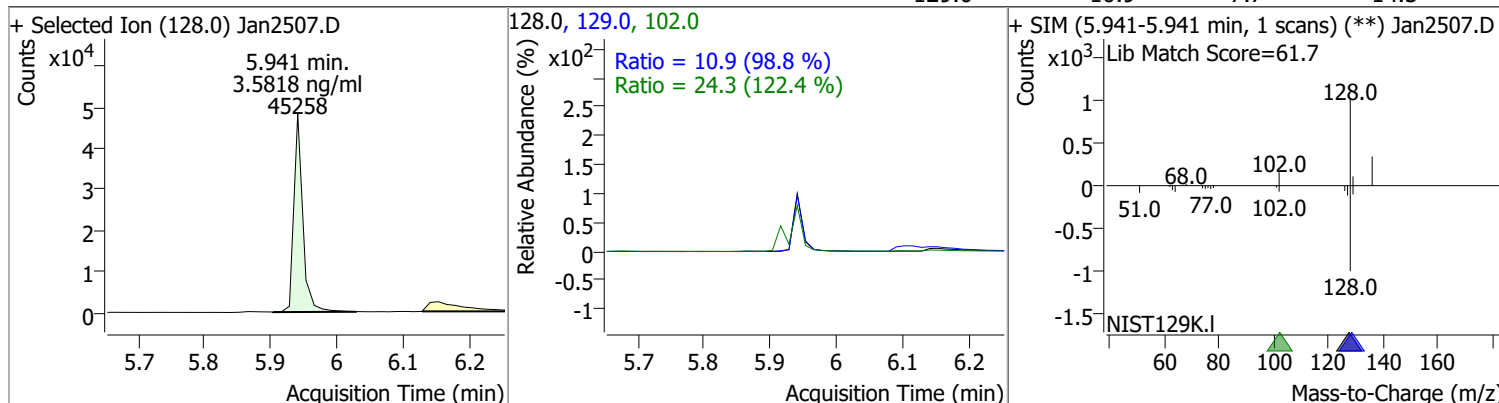
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

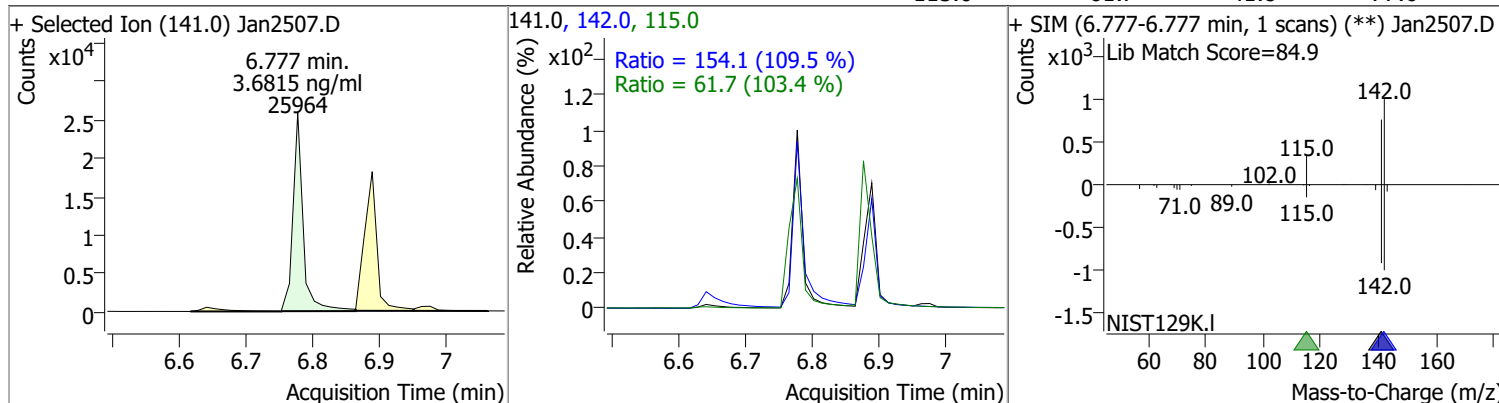
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	35.7362	5.11	-0.04	381232	54.0	34.6	25.9	48.1
					128.0	35.4	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.5818	5.94	-0.01	45258	102.0	24.3	0.0	59.6
					129.0	10.9	7.7	14.3

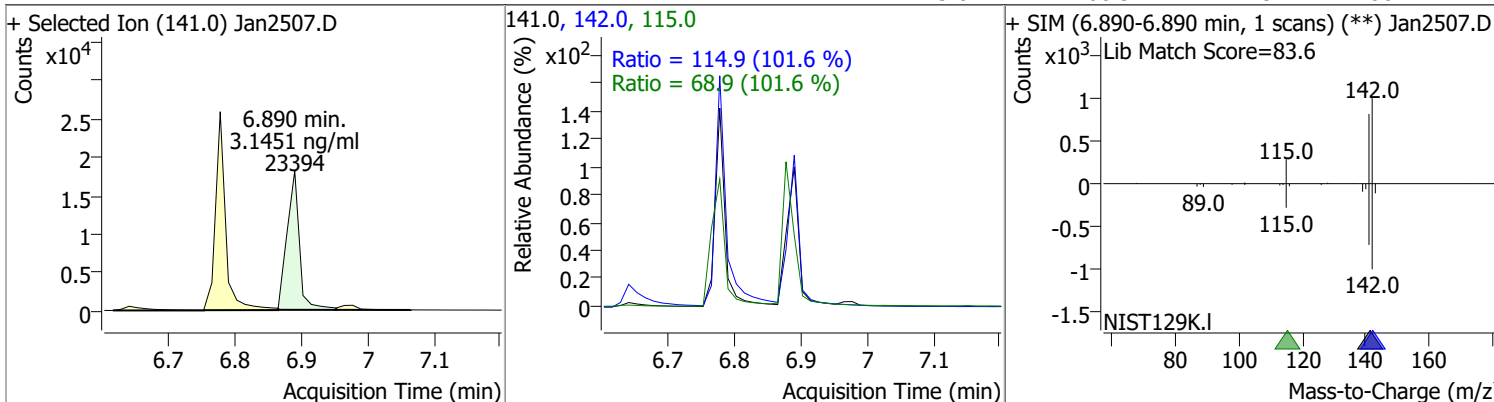


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.6815	6.78	-0.01	25964	142.0	154.1	98.5	183.0
					115.0	61.7	41.8	77.6

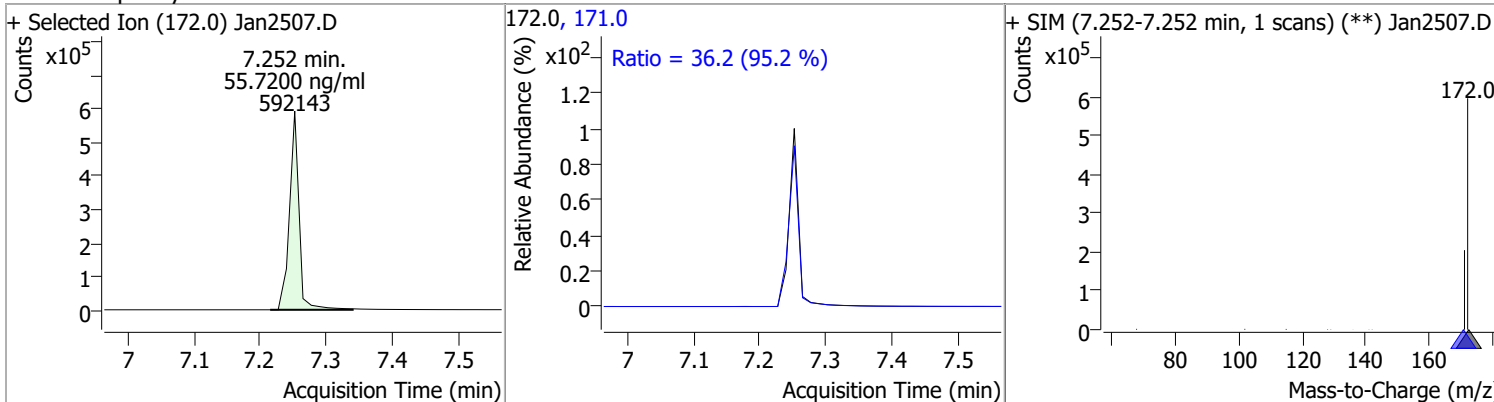


# Quantitation Results Report (QT Reviewed)

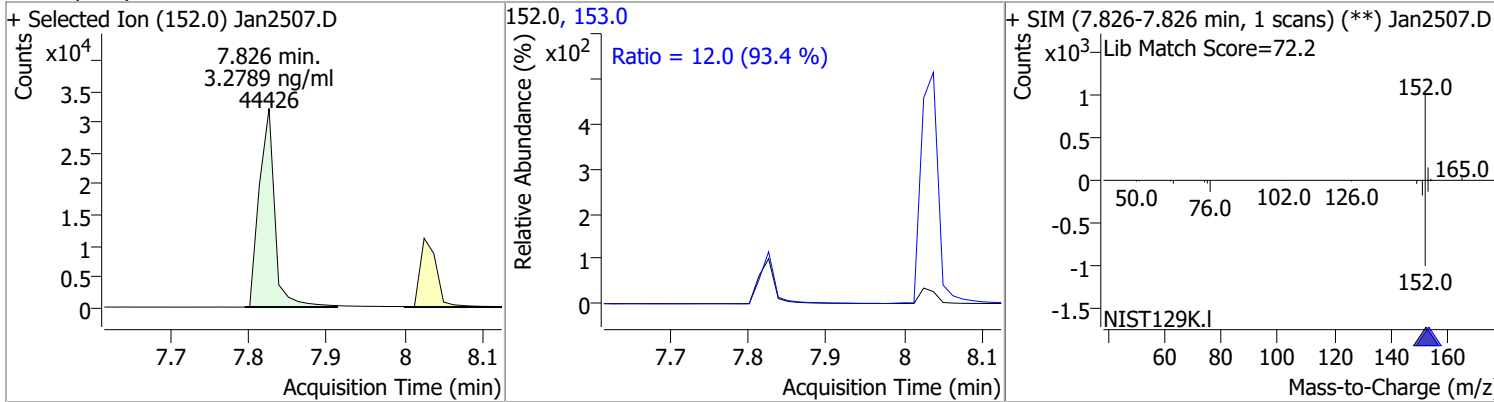
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	3.1451	6.89	-0.01	23394	142.0	114.9	79.2	147.1
					115.0	68.9	47.5	88.2



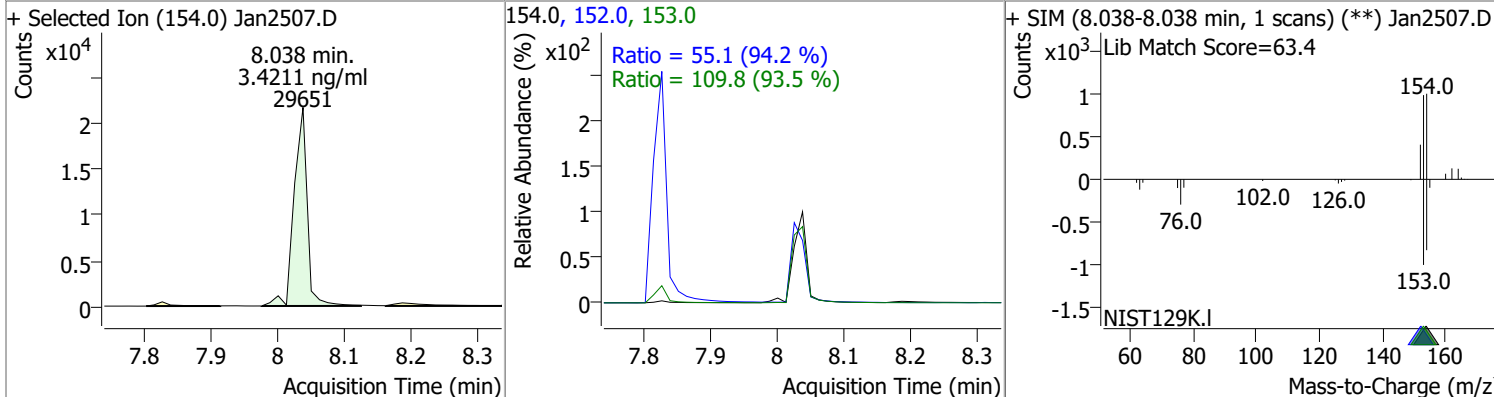
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	55.7200	7.25	-0.01	592143	171.0	36.2	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	3.2789	7.83	0.00	44426	153.0	12.0	9.0	16.6

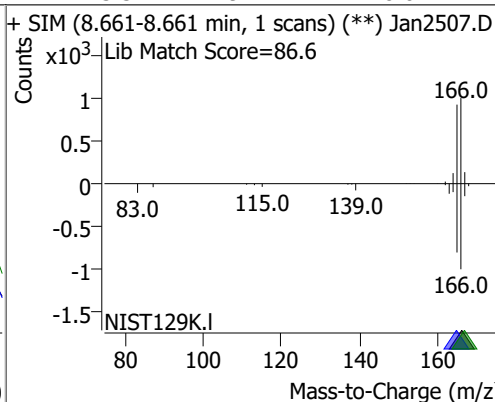
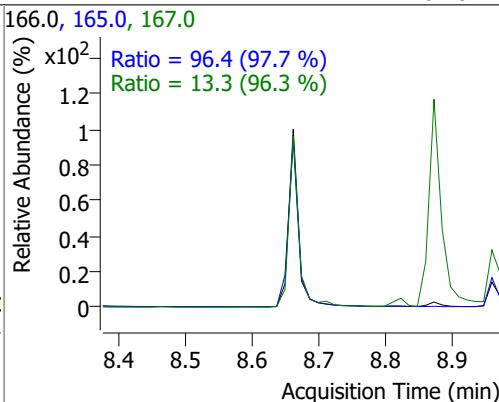
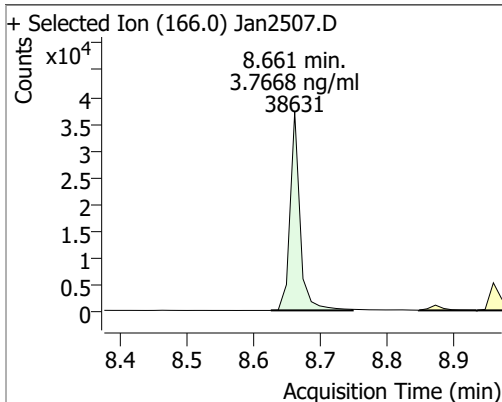


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	3.4211	8.04	0.00	29651	153.0	109.8	82.1	152.6
					152.0	55.1	41.0	76.1

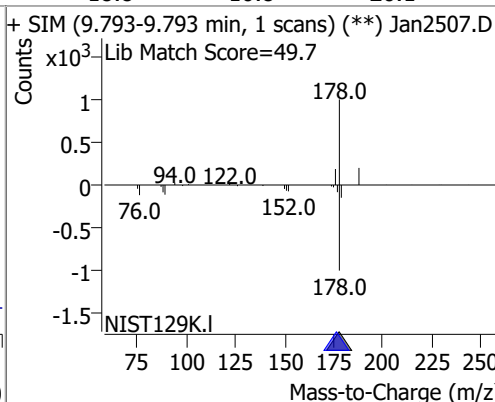
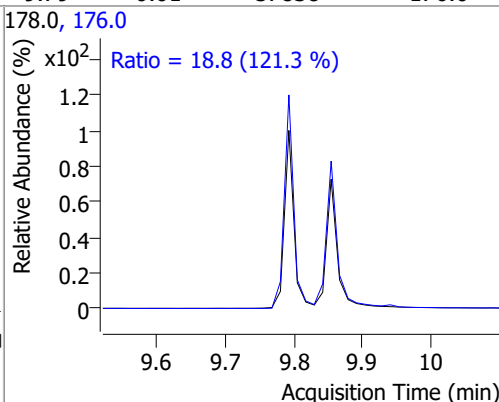
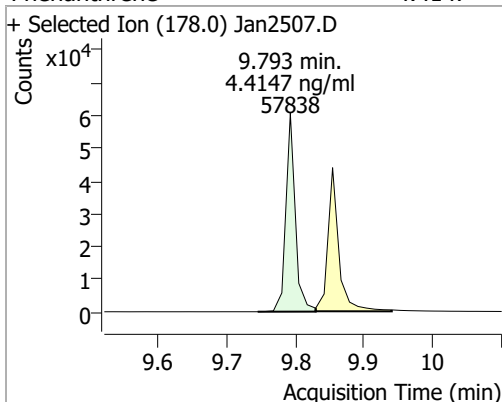


# Quantitation Results Report (QT Reviewed)

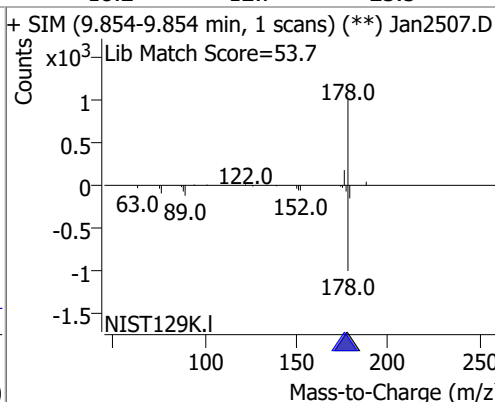
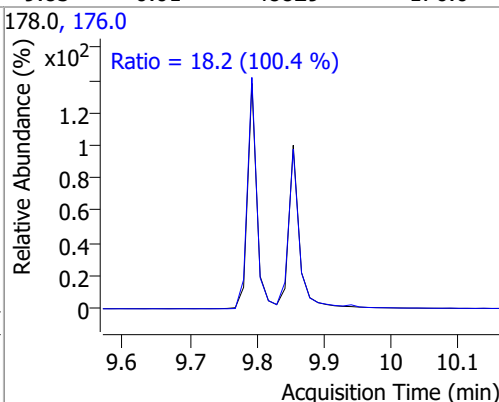
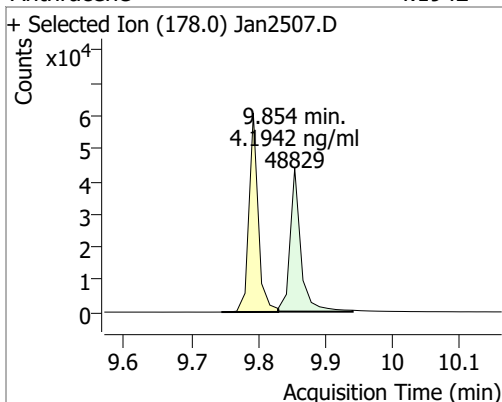
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.7668	8.66	-0.01	38631	165.0	96.4	69.1	128.3
					167.0	13.3	9.7	18.0



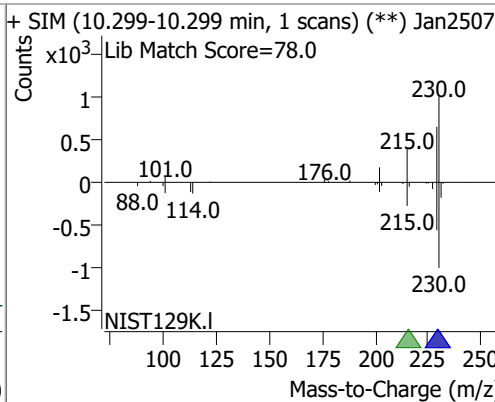
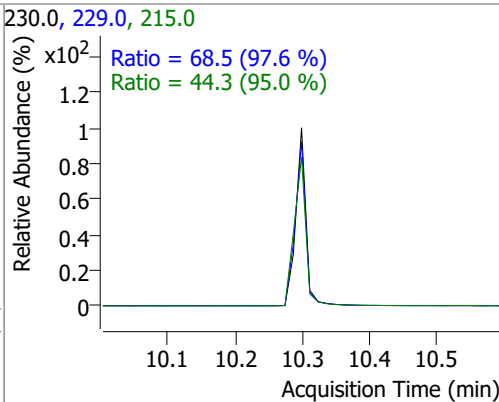
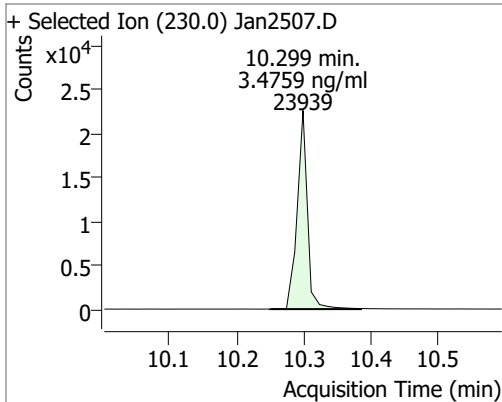
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.4147	9.79	-0.01	57838	176.0	18.8	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.1942	9.85	-0.01	48829	176.0	18.2	12.7	23.5

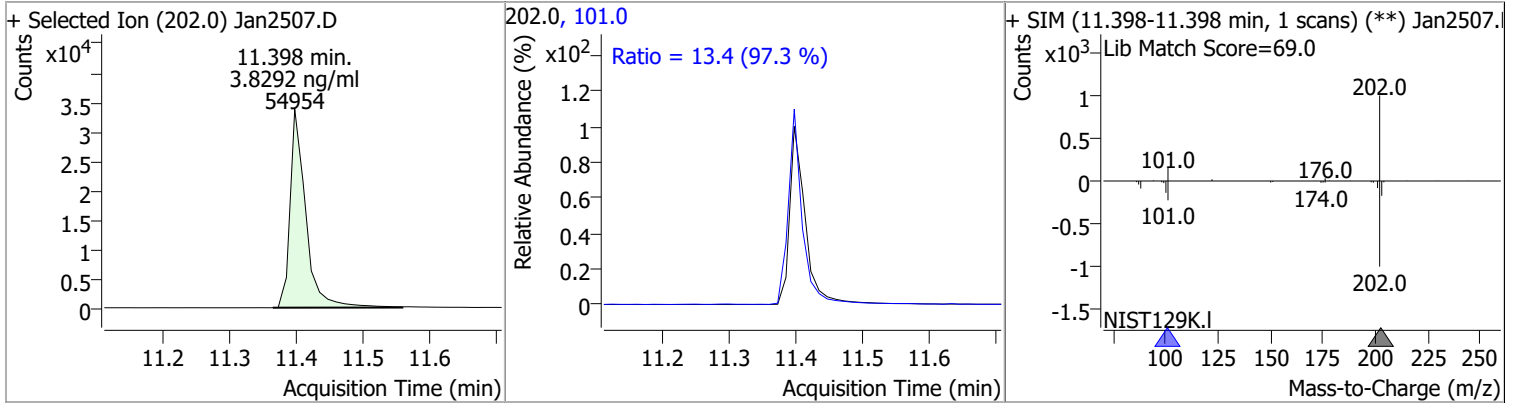


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	3.4759	10.30	0.00	23939	229.0	68.5	49.2	91.3
					215.0	44.3	32.7	60.7

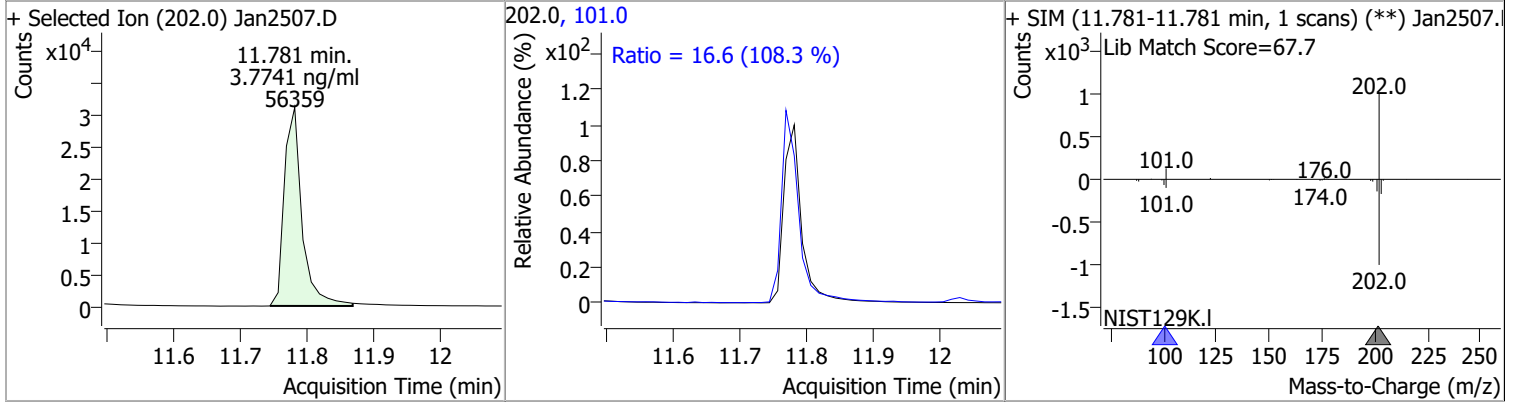


# Quantitation Results Report (QT Reviewed)

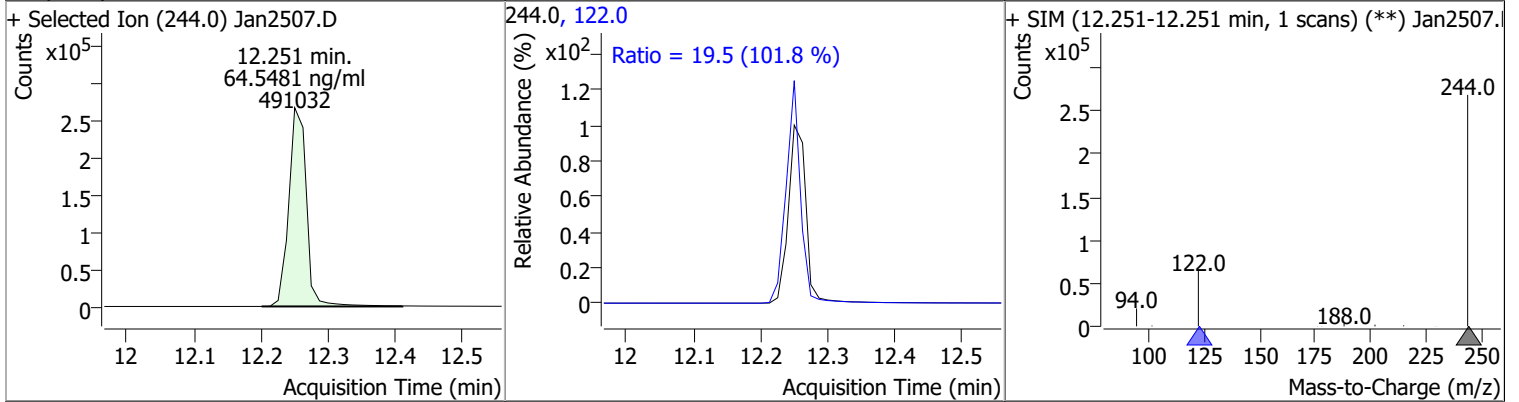
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	3.8292	11.40	-0.01	54954	101.0	13.4	9.6	17.9



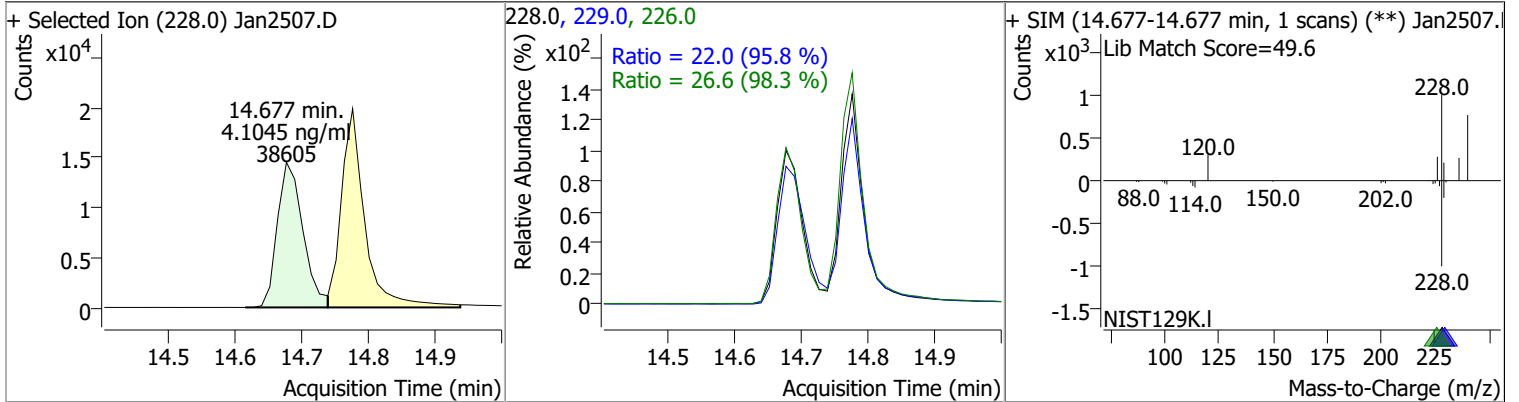
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	3.7741	11.78	-0.01	56359	101.0	16.6	10.7	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	64.5481	12.25	-0.01	491032	122.0	19.5	13.4	25.0

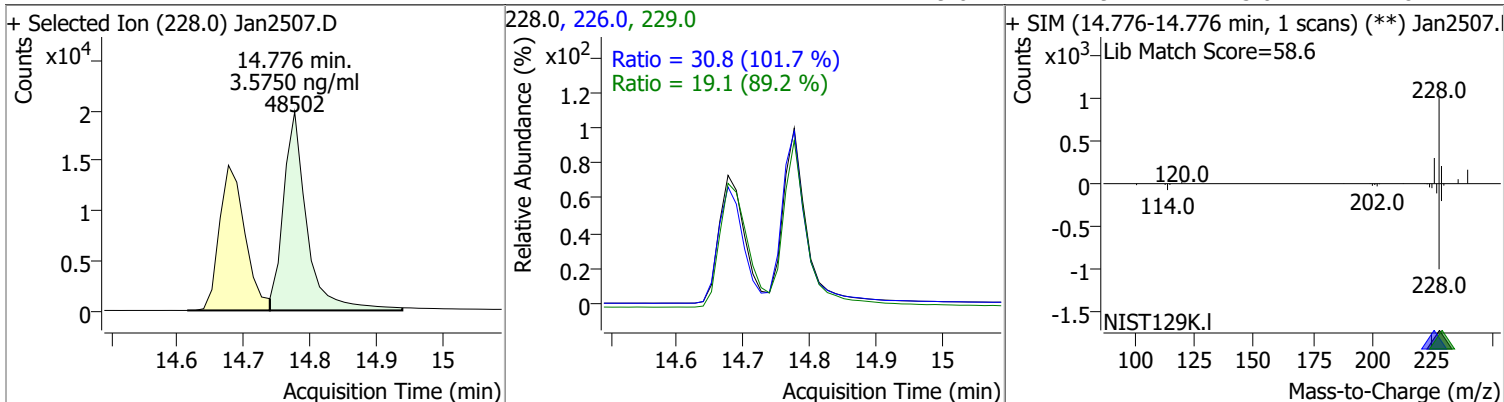


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	4.1045	14.68	-0.02	38605	226.0	26.6	18.9	35.1
					229.0	22.0	16.1	29.9

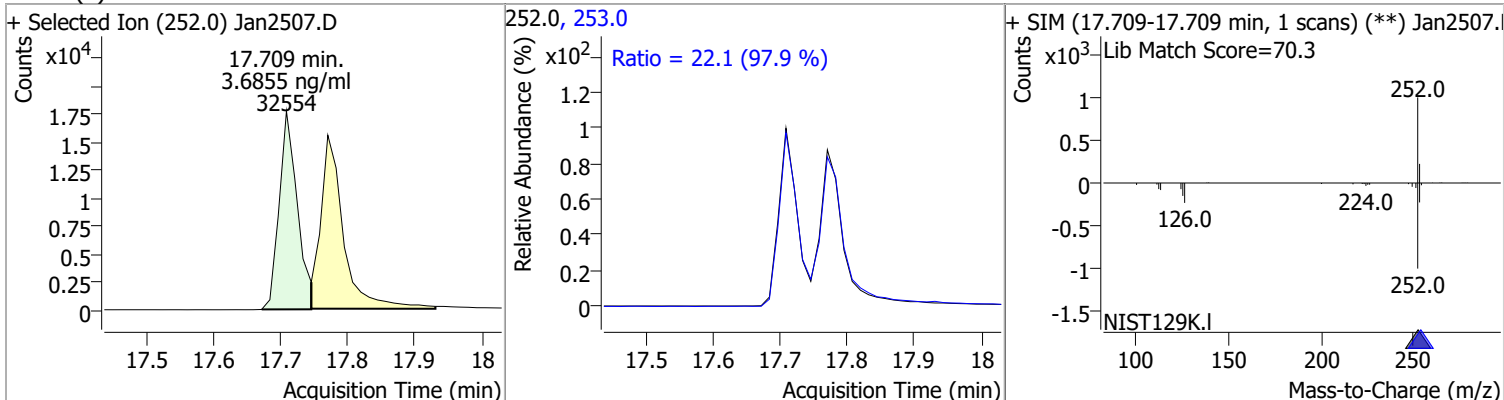


# Quantitation Results Report (QT Reviewed)

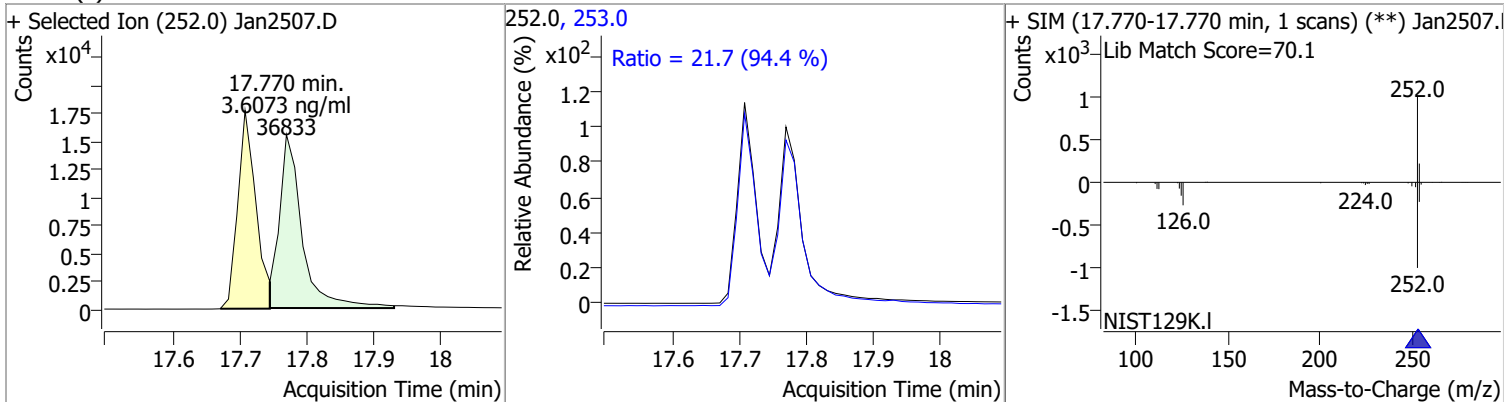
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	3.5750	14.78	-0.01	48502	226.0	30.8	21.2	39.4
					229.0	19.1	15.0	27.8



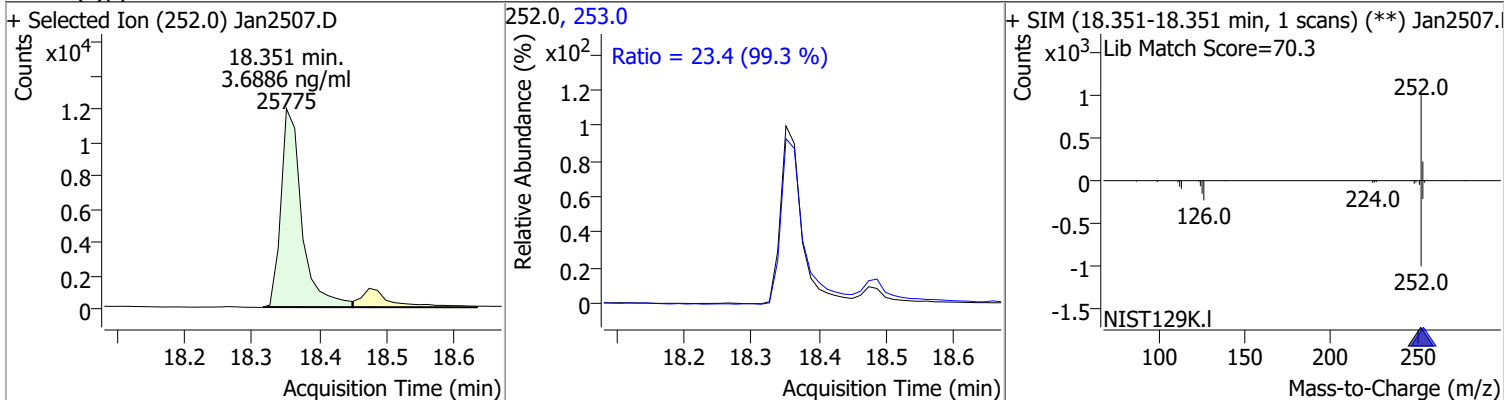
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	3.6855	17.71	-0.02	32554	253.0	22.1	15.8	29.4



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	3.6073	17.77	-0.02	36833	253.0	21.7	16.1	29.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	3.6886	18.35	-0.02	25775	253.0	23.4	16.5	30.6





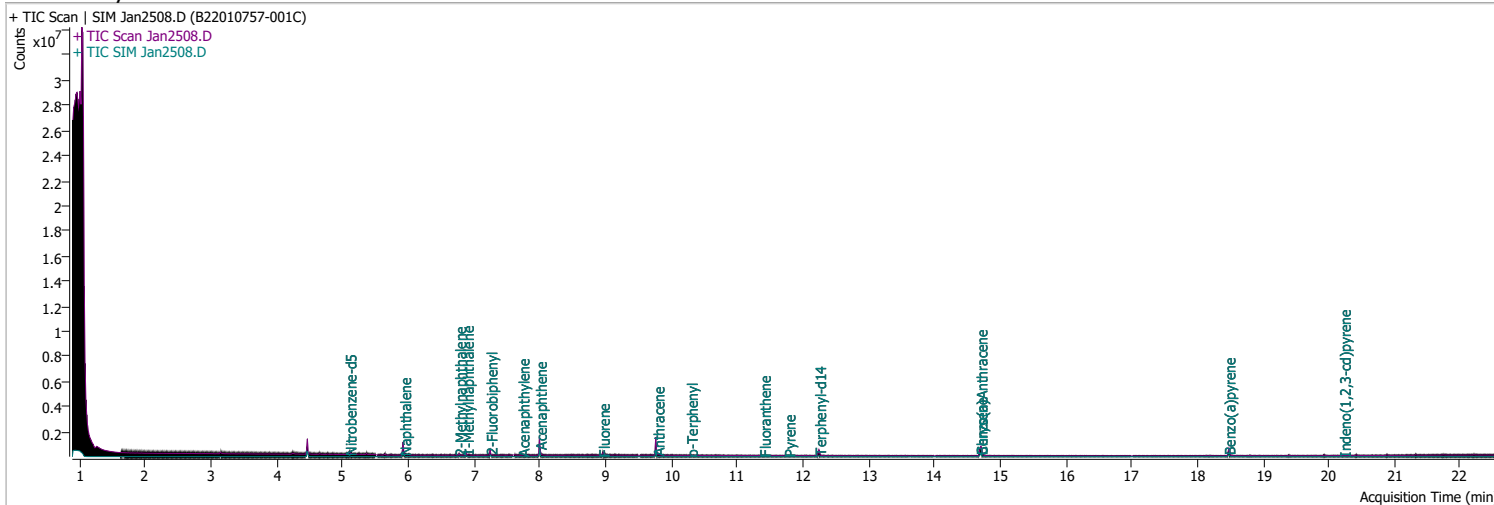
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	3.7297	20.20	-0.02	25013	138.0	27.2	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2507.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 27.2 (93.9 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan2507.1</p> <p>Lib Match Score=78.0</p> </div> </div>								
Dibenzo(a,h)anthracene	3.5655	20.28	-0.02	27925	279.0	25.9	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2507.D</p> </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 25.9 (102.9 %)</p> <p>Ratio = 22.5 (93.3 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.279-20.279 min, 1 scans) (**) Jan2507.1</p> <p>Lib Match Score=76.8</p> </div> </div>								
Benzo(g,h,i)perylene	3.6605	20.54	-0.02	35077	138.0	26.4	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2507.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 26.4 (94.0 %)</p> <p>Ratio = 25.2 (108.5 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan2507.1</p> <p>Lib Match Score=77.8</p> </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan2508.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 2:19:05 PM
Sample Name	B22010757-001C	Instrument	GCMS
Vial	8	Multiplier	5.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	186795	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	344786	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.000	164.0	204749	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	431580	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	286052	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	188825	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	47326	47.5648	ng/ml	-0.037
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 951.30%	*	
S 2-Fluorobiphenyl	7.252	172.0	108684	55.2163	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1104.33%	*	
S o-Terphenyl	10.299	230.0	349	0.2483	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 4.97%	*	
S Terphenyl-d14	12.251	244.0	108116	93.7438	ng/ml	-0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1874.88%	*	
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	53344	22.3598	ng/ml	92
T 2-Methylnaphthalene	6.777	141.0	21743	16.3291	ng/ml	87
T 1-Methylnaphthalene	6.890	141.0	33277	23.6955	ng/ml	93
T Acenaphthylene	7.739	152.0	581	0.2317	ng/ml	# 1
T Acenaphthene	8.000	154.0	1324	0.8249	ng/ml	# 12
T Fluorene	8.960	166.0	1543	0.8126	ng/ml	# 92
T Phenanthrene	0.000		0	N.D.		
T Anthracene	9.792	178.0	627	0.1116	ng/ml	# 84
T Fluoranthene	11.411	202.0	675	0.2307	ng/ml	66
T Pyrene	11.781	202.0	727	0.2524	ng/ml	63
T Benzo(a)Anthracene	14.701	228.0	1513	0.0756	ng/ml	# 47
T Chrysene	14.701	228.0	1513	0.5778	ng/ml	# 60
T Benzo(b)fluoranthene	0.000		0	N.D.		

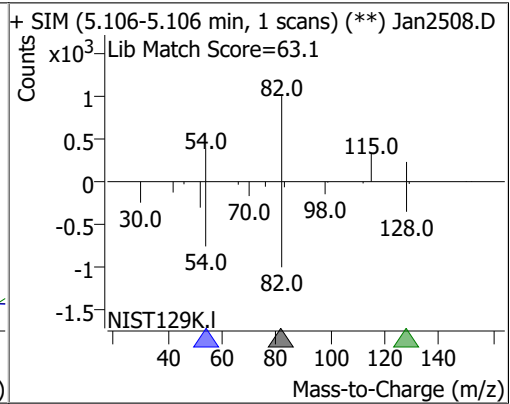
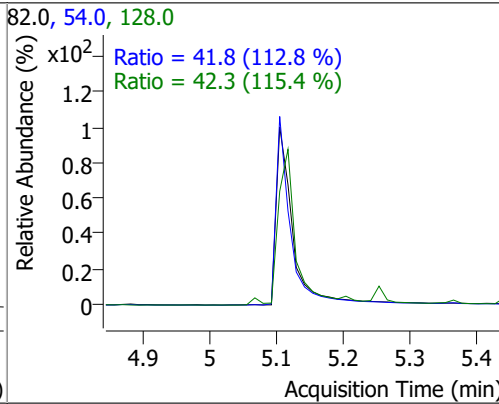
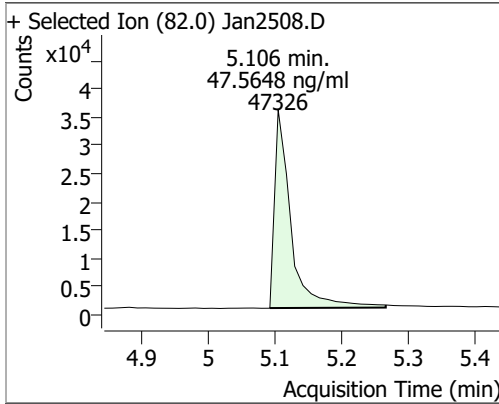
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.474	252.0	1112	0.8098	ng/ml #	81
T Indeno(1,2,3-cd)pyrene	20.229	276.0	267	0.1859	ng/ml	46
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

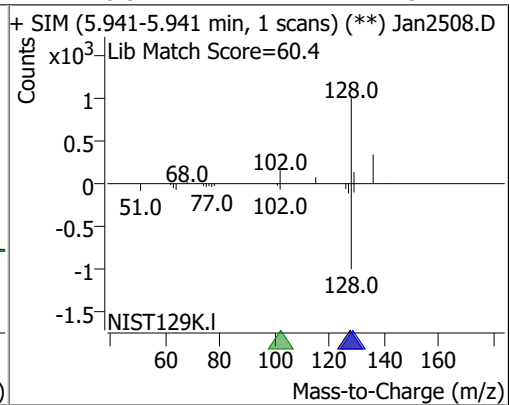
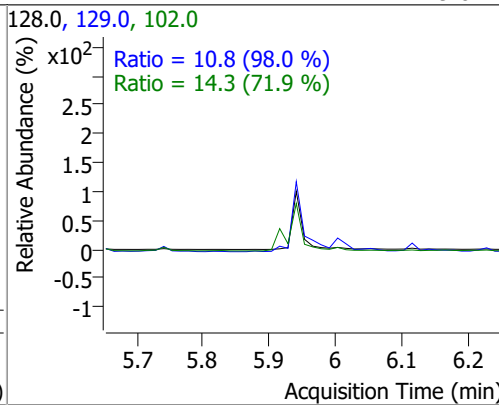
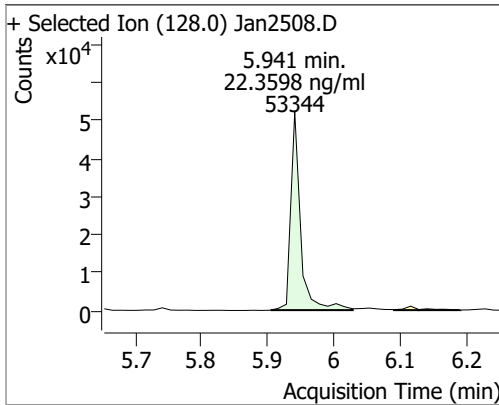
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

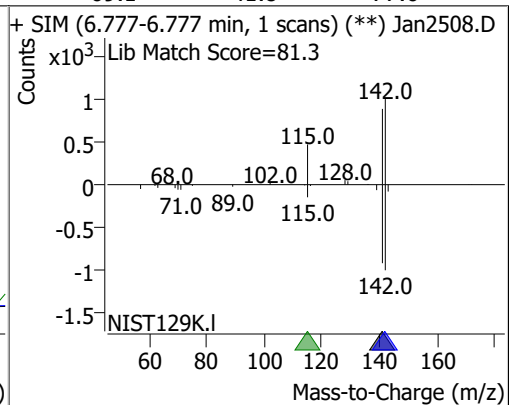
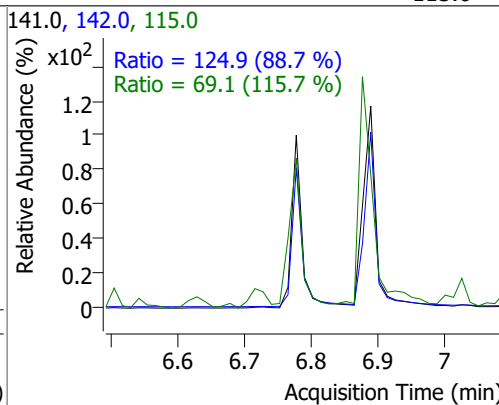
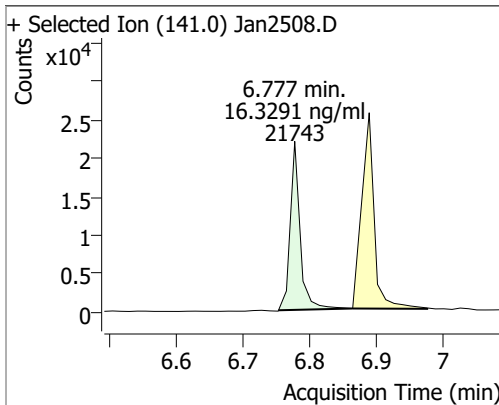
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	47.5648	5.11	-0.04	47326	54.0	41.8	25.9	48.1
					128.0	42.3	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	22.3598	5.94	-0.01	53344	102.0	14.3	0.0	59.6
					129.0	10.8	7.7	14.3

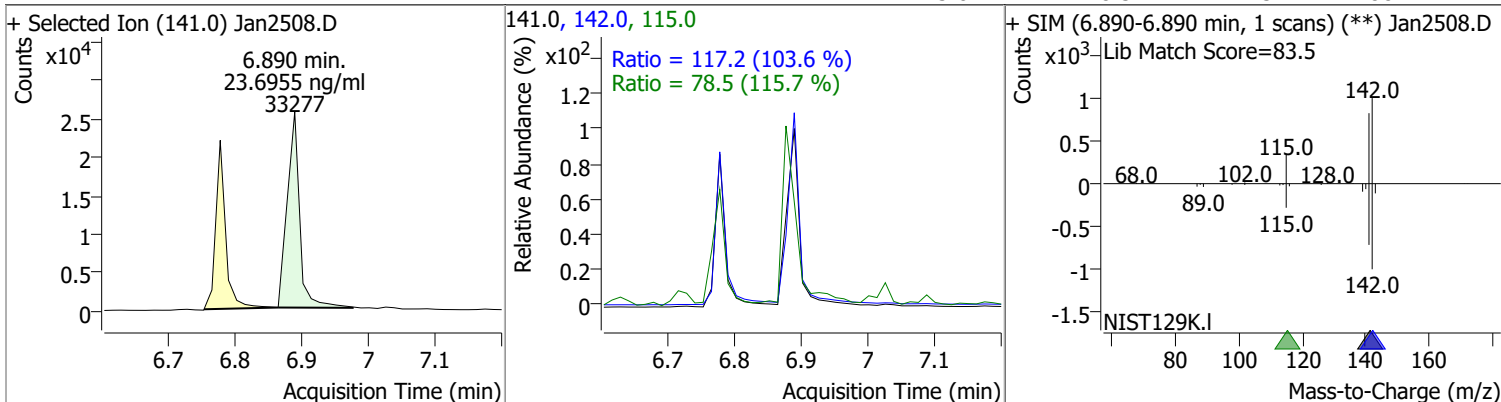


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	16.3291	6.78	-0.01	21743	142.0	124.9	98.5	183.0
					115.0	69.1	41.8	77.6

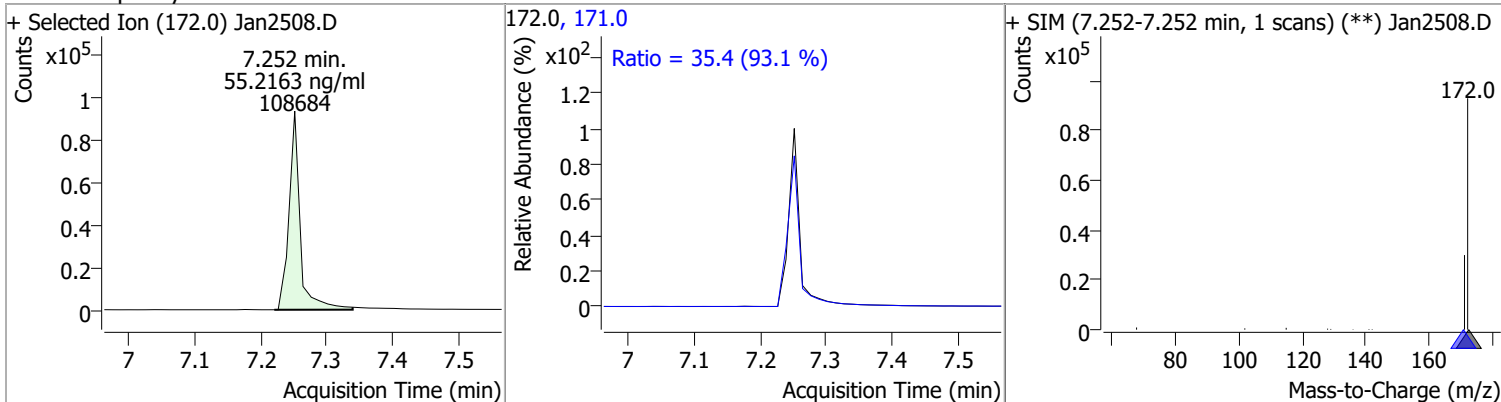


# Quantitation Results Report (QT Reviewed)

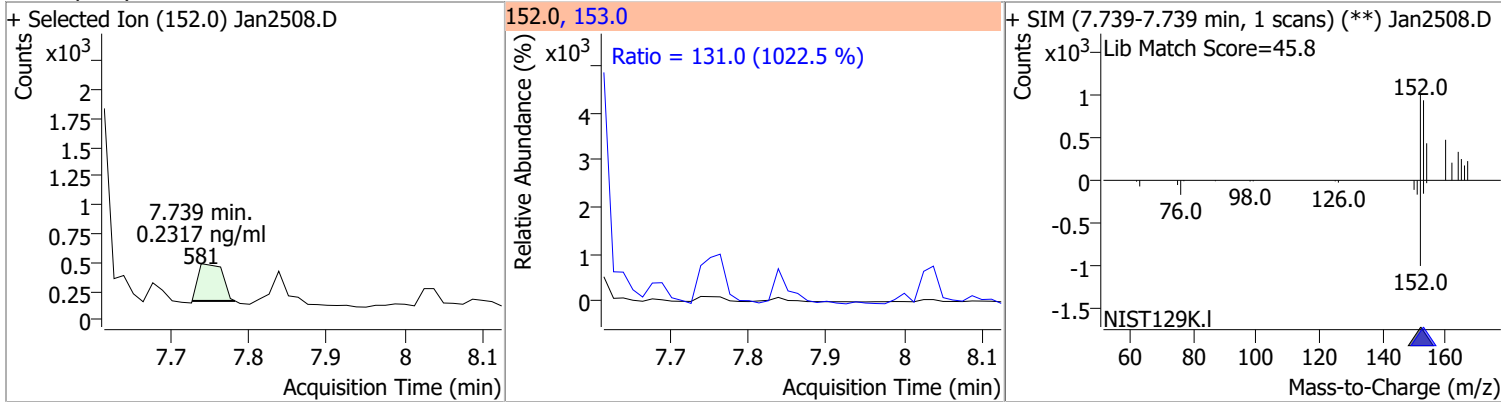
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	23.6955	6.89	-0.01	33277	142.0	117.2	79.2	147.1
					115.0	78.5	47.5	88.2



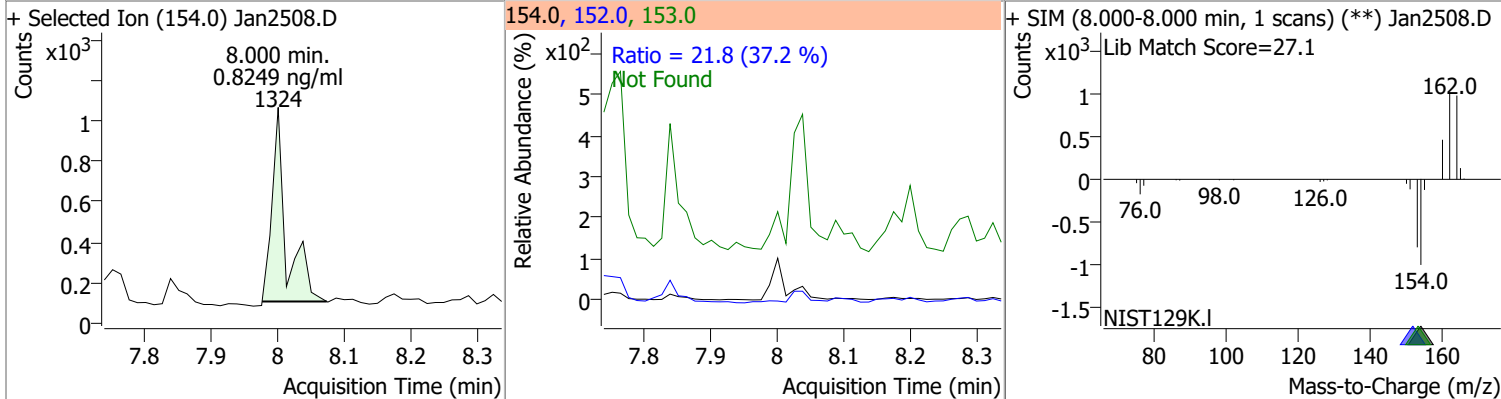
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	55.2163	7.25	-0.01	108684	171.0	35.4	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	0.2317	7.74	-0.09	581	153.0	131.0	9.0	16.6

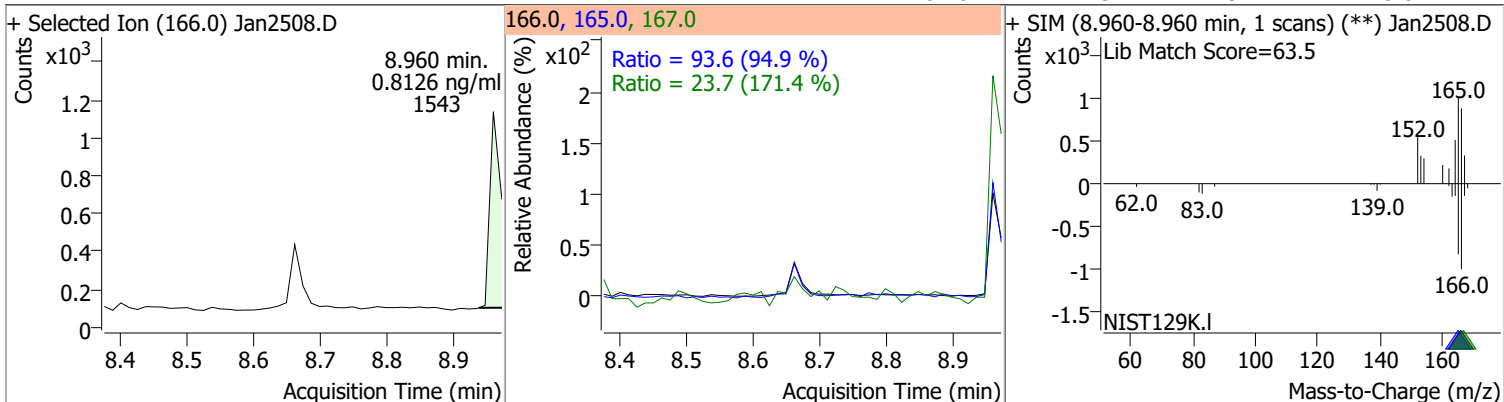


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	0.8249	8.00	-0.04	1324	153.0	21.8	82.1	152.6
					152.0		41.0	76.1

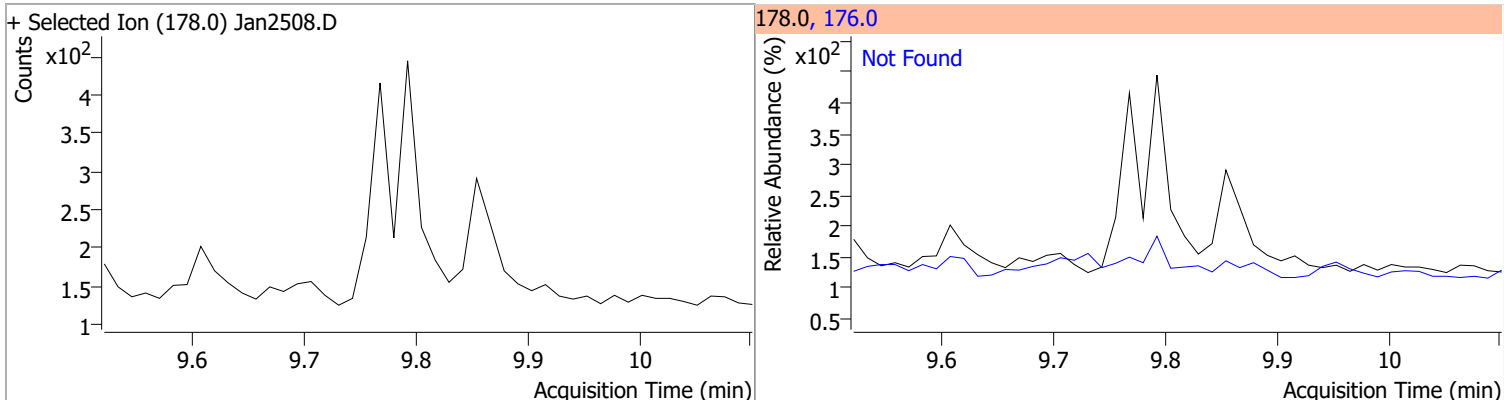


# Quantitation Results Report (QT Reviewed)

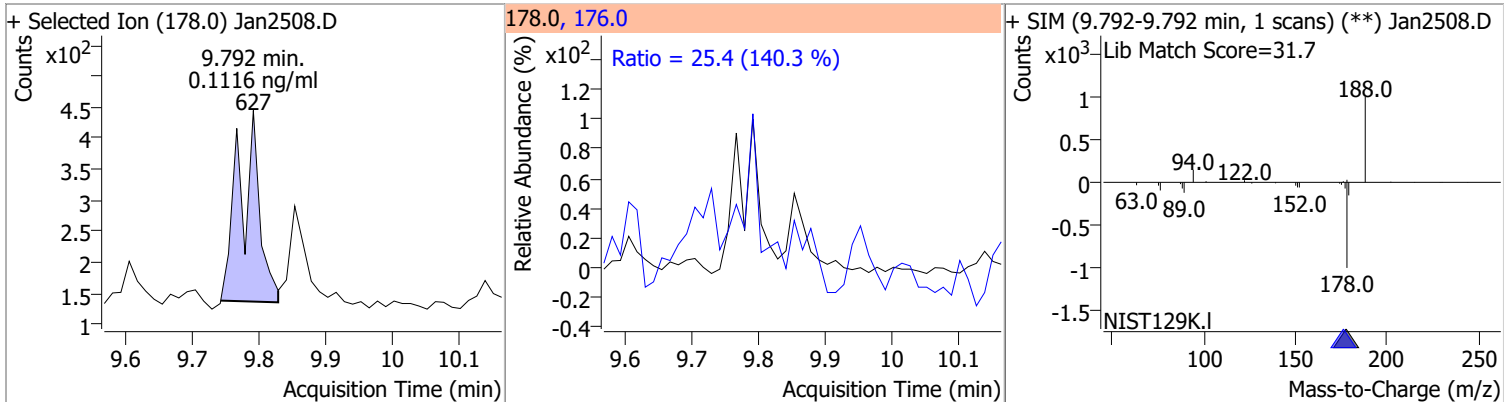
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	0.8126	8.96	0.29	1543	165.0	93.6	69.1	128.3
					167.0	23.7	9.7	18.0



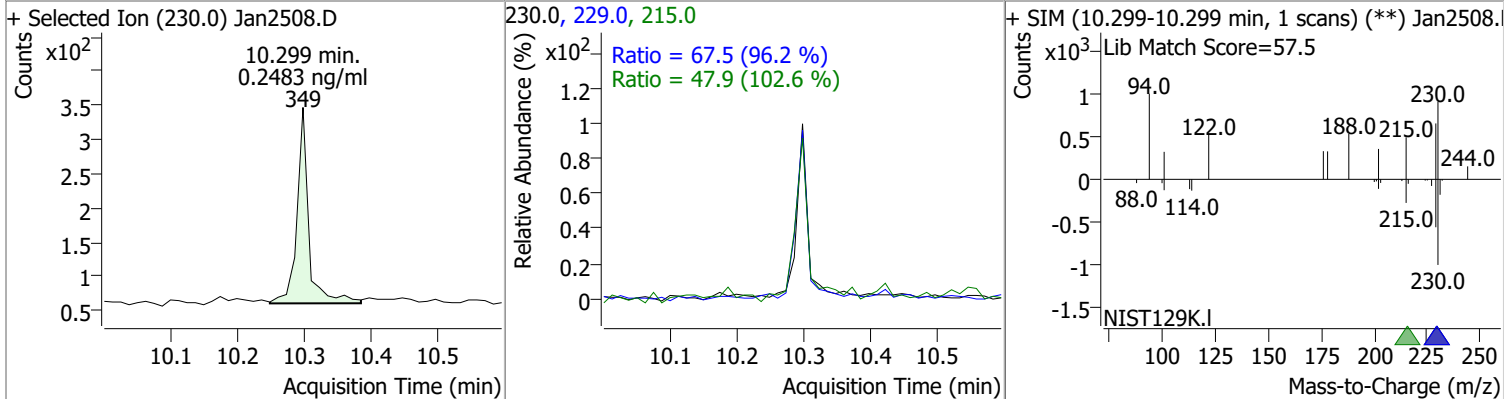
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	0.1116	9.79	-0.07	627	176.0	25.4	12.7	23.5

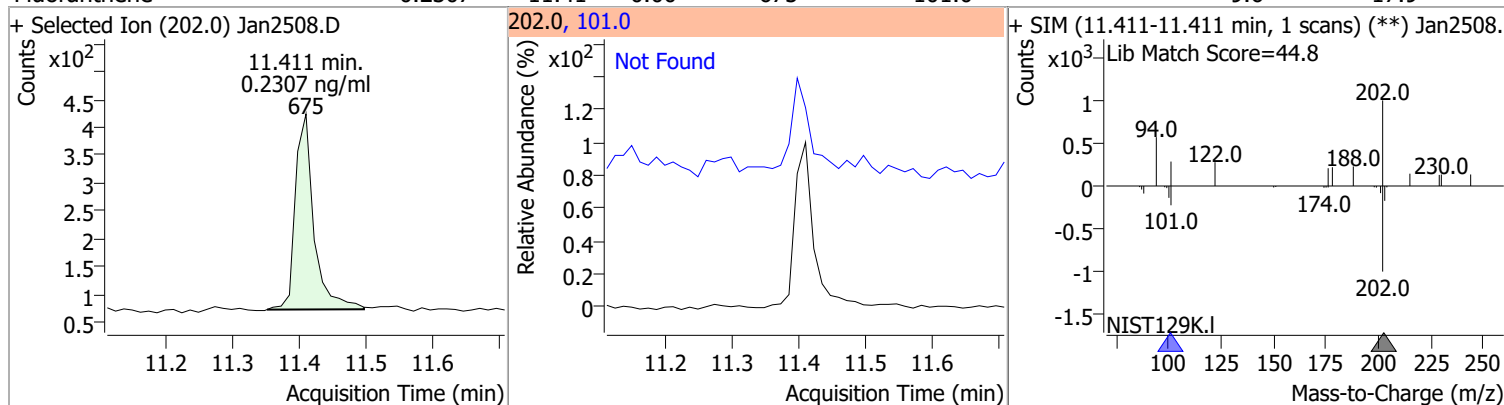


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.2483	10.30	0.00	349	229.0	67.5	49.2	91.3
					215.0	47.9	32.7	60.7

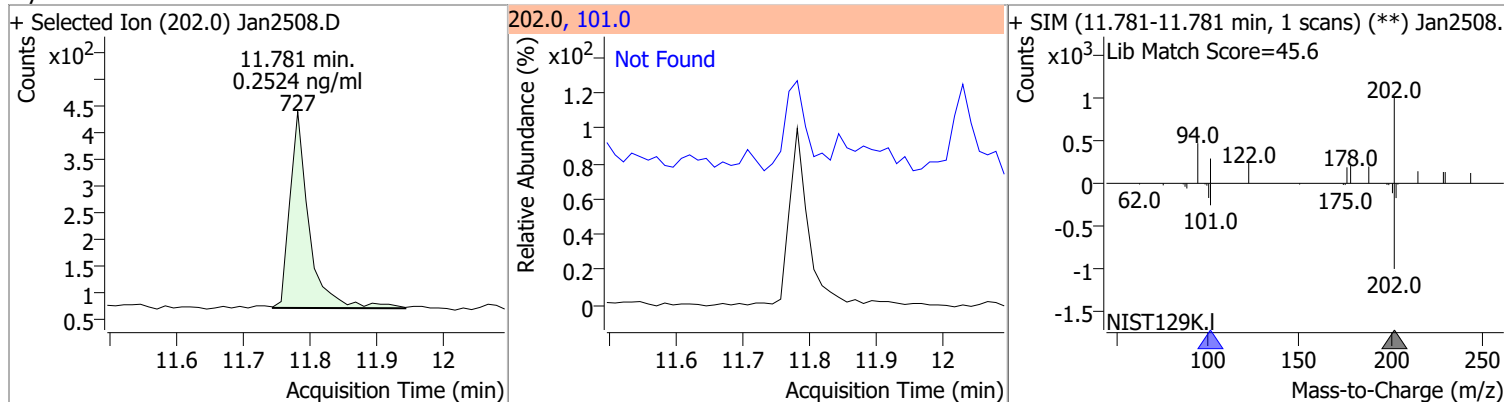


# Quantitation Results Report (QT Reviewed)

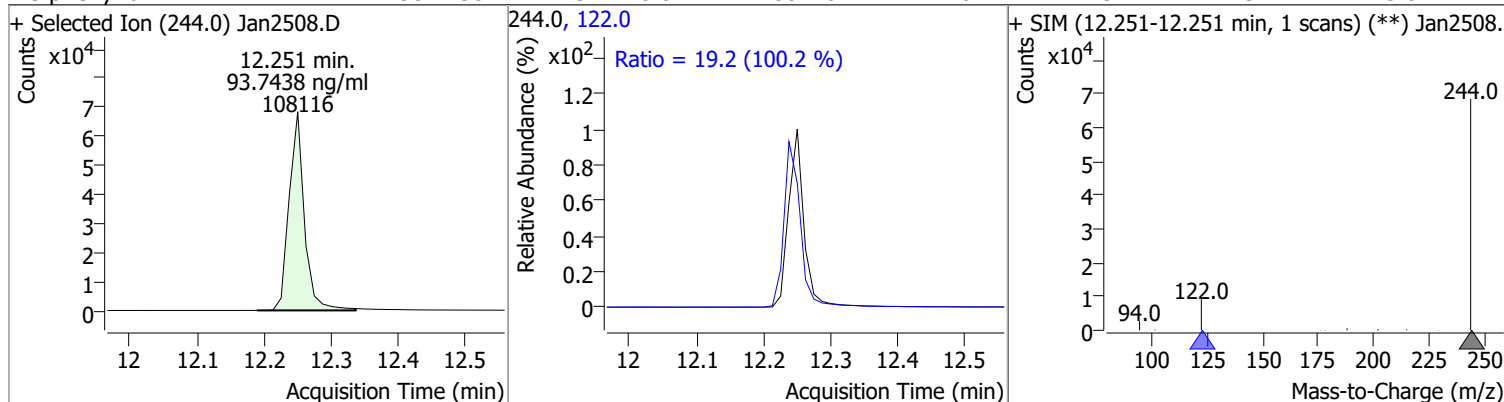
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	0.2307	11.41	0.00	675	101.0		9.6	17.9



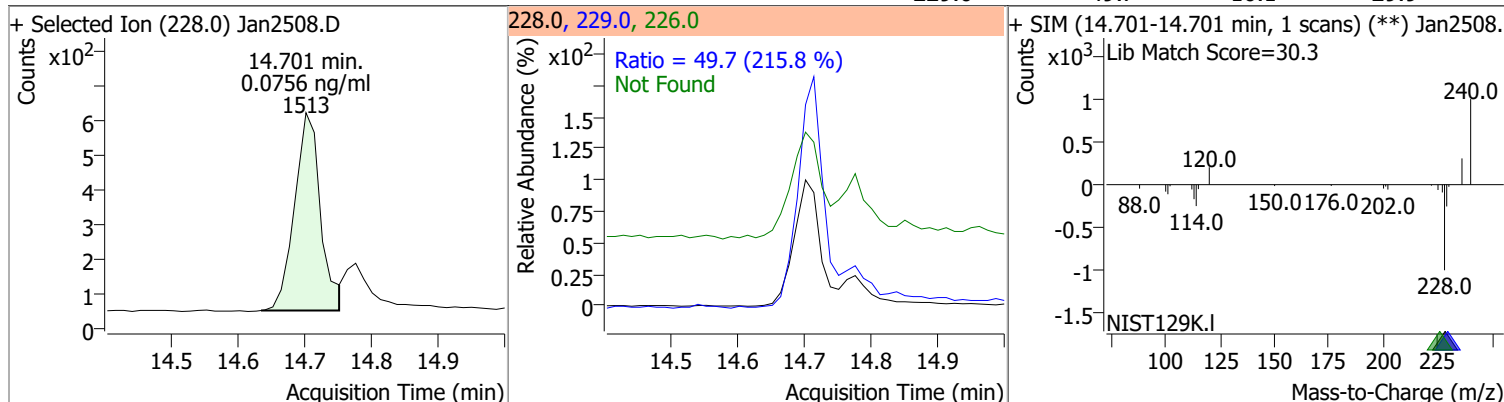
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	0.2524	11.78	-0.01	727	101.0		10.7	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	93.7438	12.25	-0.01	108116	122.0	19.2	13.4	25.0

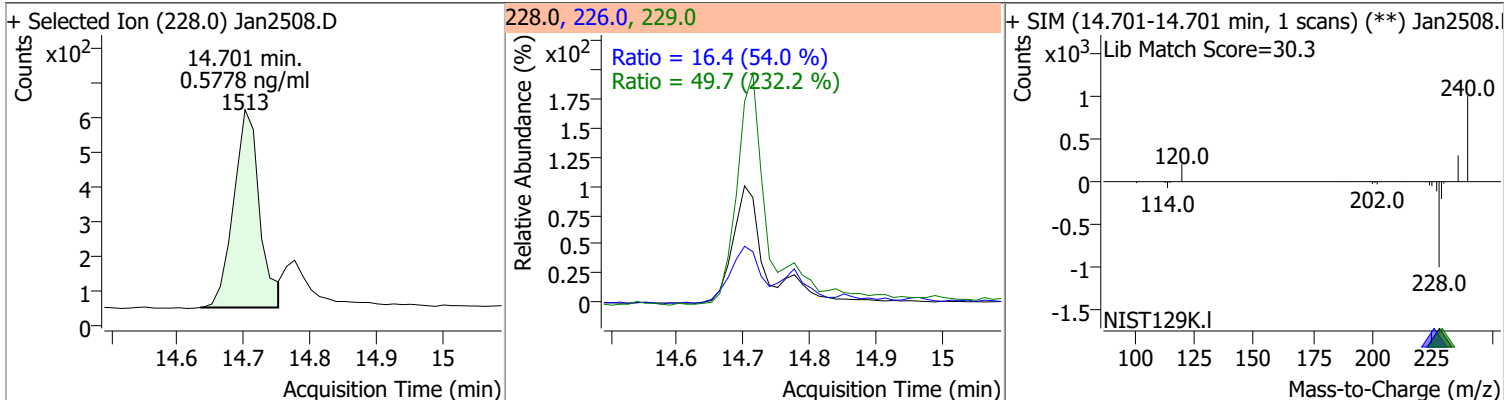


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	0.0756	14.70	0.00	1513	226.0	49.7	18.9	35.1
					229.0		16.1	29.9

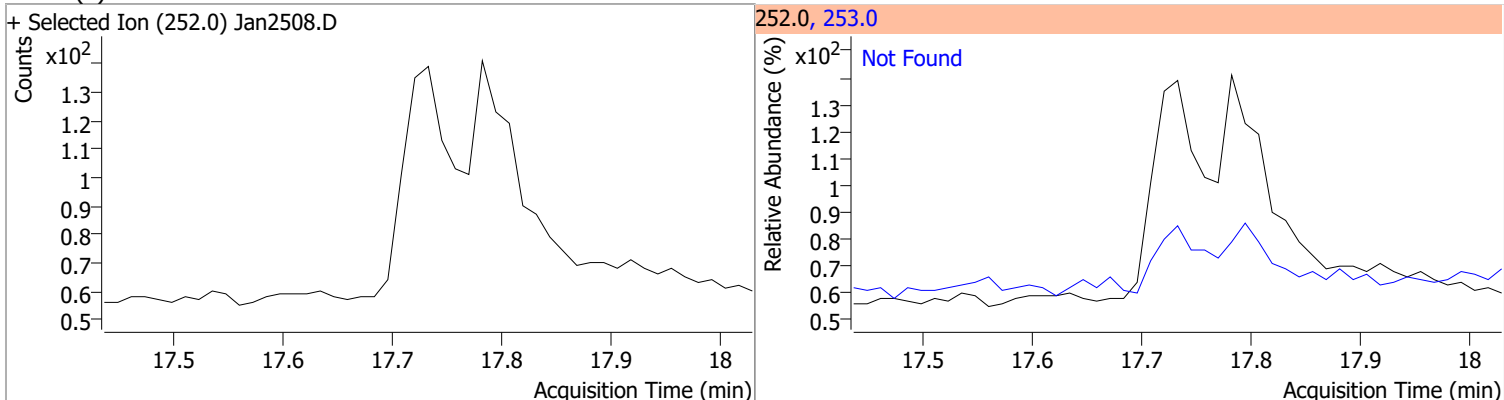


# Quantitation Results Report (QT Reviewed)

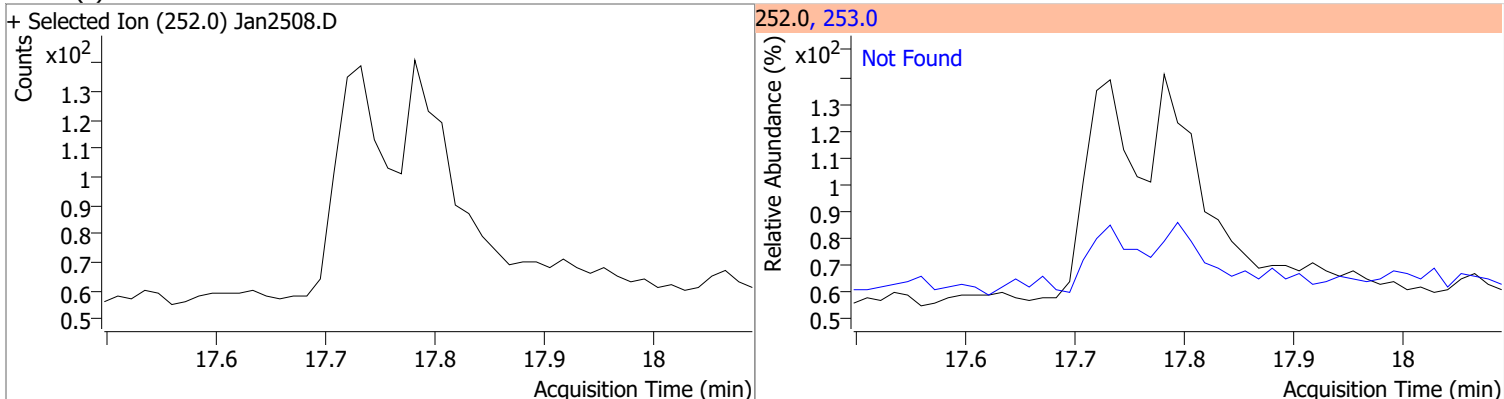
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0.5778	14.70	-0.09	1513	226.0 229.0	16.4 49.7	21.2 15.0	39.4 27.8



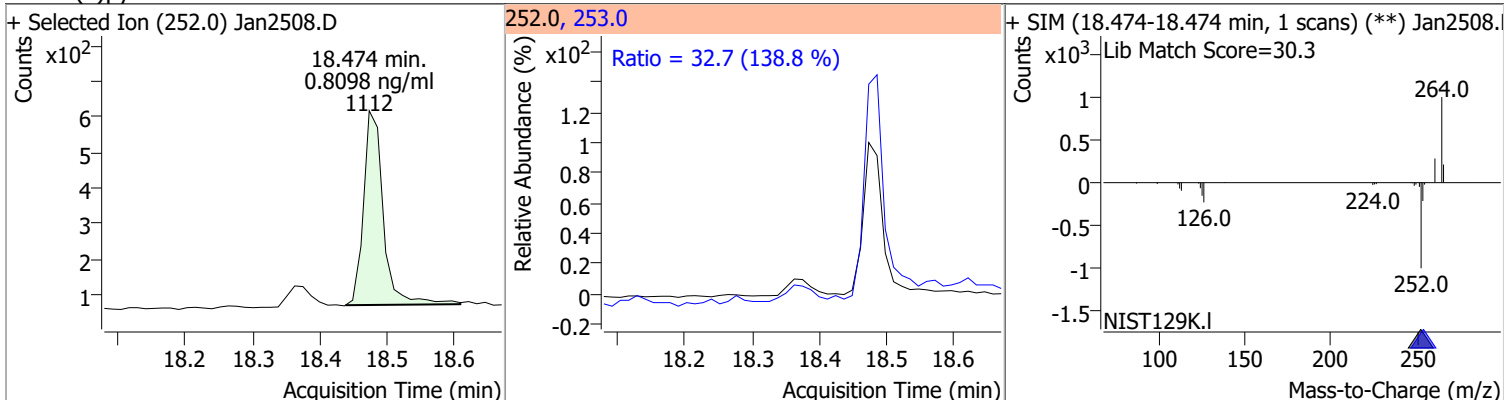
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



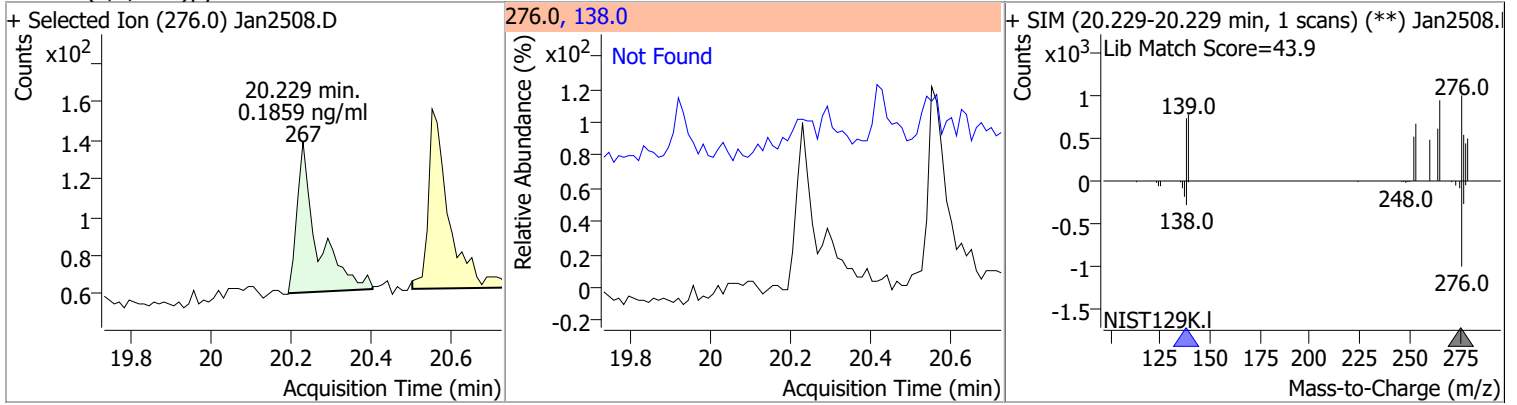
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	0.8098	18.47	0.10	1112	253.0	32.7	16.5	30.6



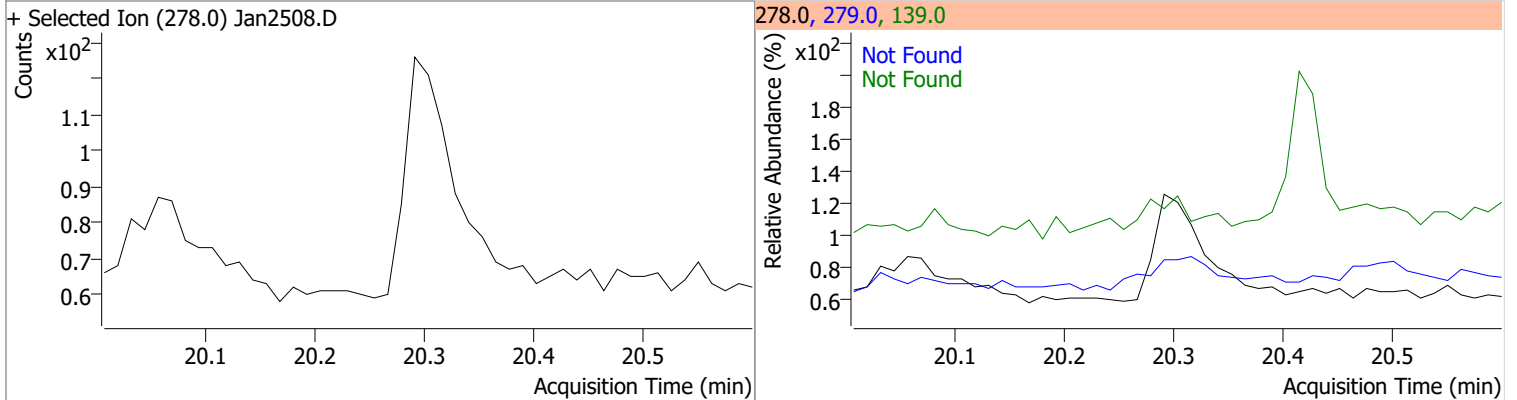


# Quantitation Results Report (QT Reviewed)

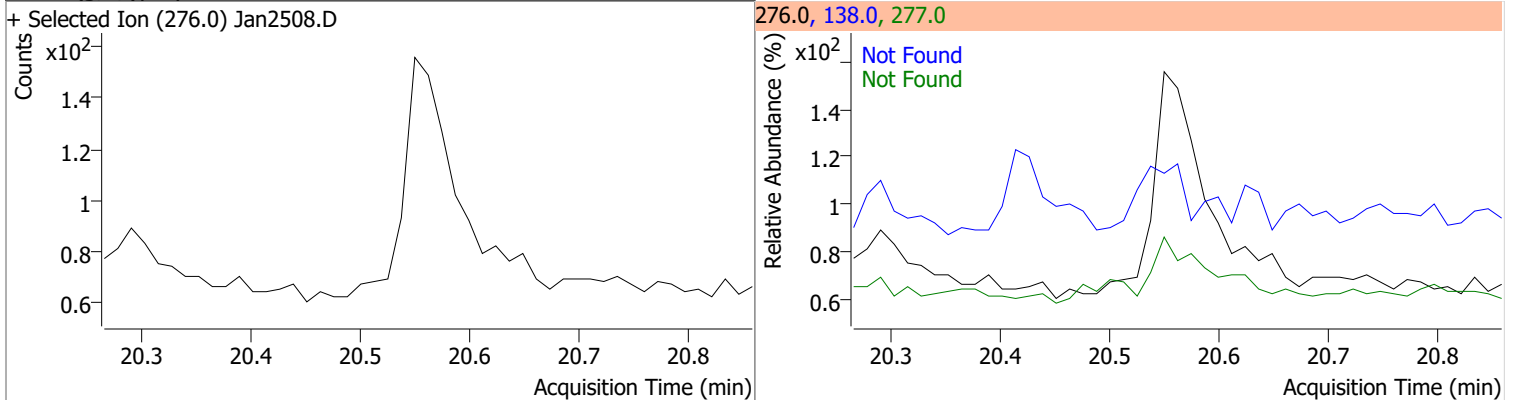
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	0.1859	20.23	0.00	267	138.0		20.3	37.6



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



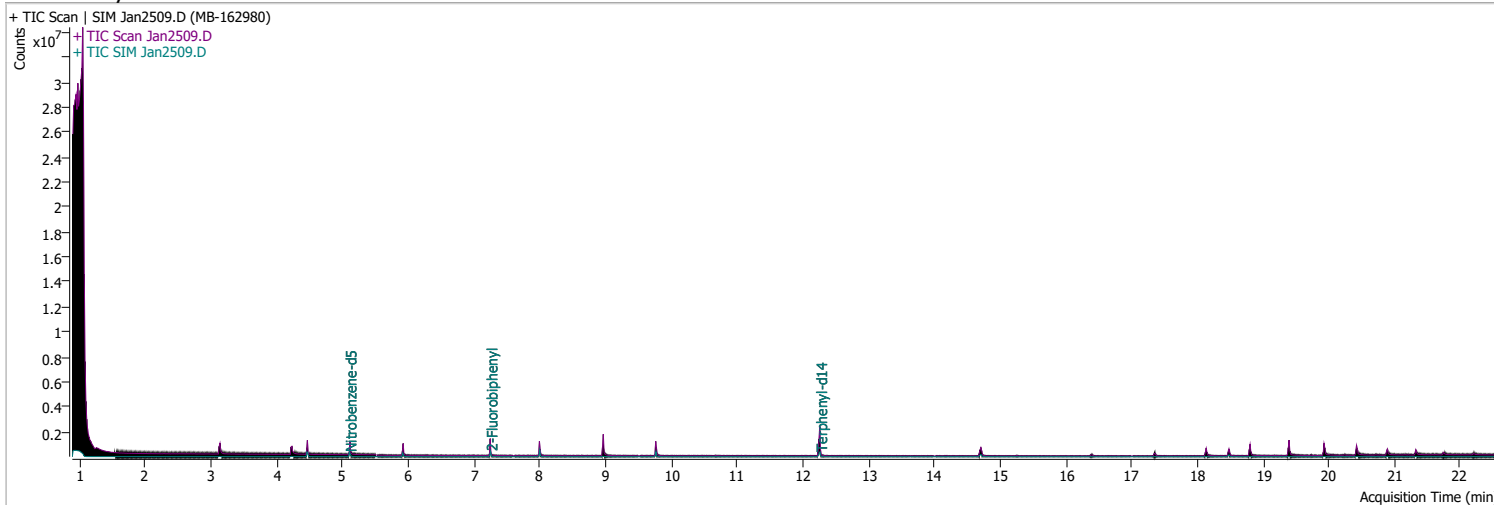
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3



# Quantitation Results Report (QT Reviewed)

Data File	Jan2509.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 2:51:34 PM
Sample Name	MB-162980	Instrument	GCMS
Vial	9	Multiplier	1.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	174196	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	311305	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.000	164.0	188932	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	370006	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	255303	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	171171	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	329550	35.8384	ng/ml	-0.037
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 716.77%		*
S 2-Fluorobiphenyl	7.252	172.0	351595	38.7162	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 774.32%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.263	244.0	531812	76.7639	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1535.28%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.038	154.0	0		ng/ml	md
T Fluorene	8.661	166.0	0		ng/ml	md
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.701	228.0	0		ng/ml	md
T Chrysene	14.776	228.0	0		ng/ml	md
T Benzo(b)fluoranthene	0.000		0	N.D.		

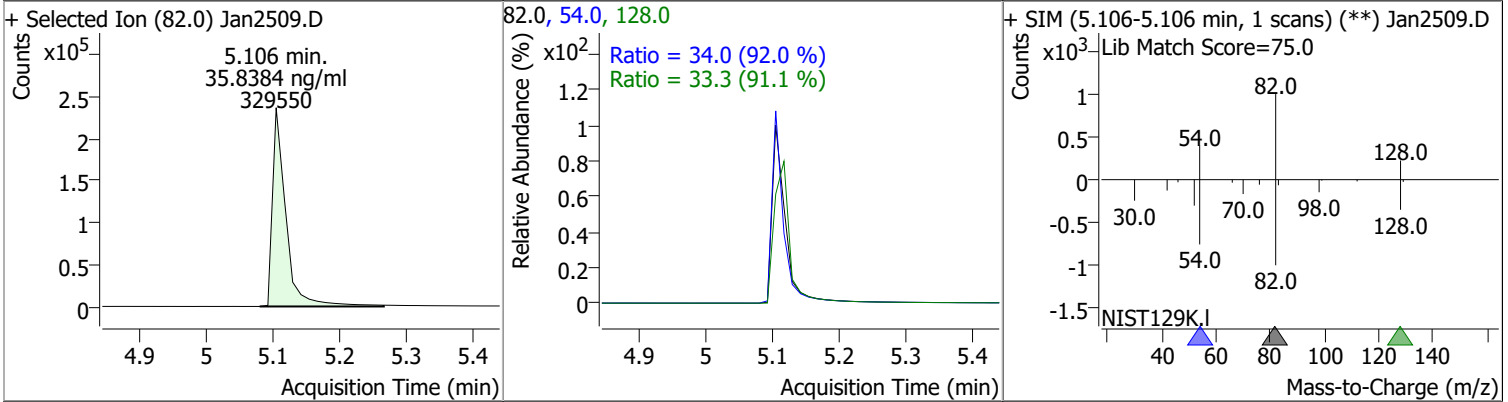
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.474	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

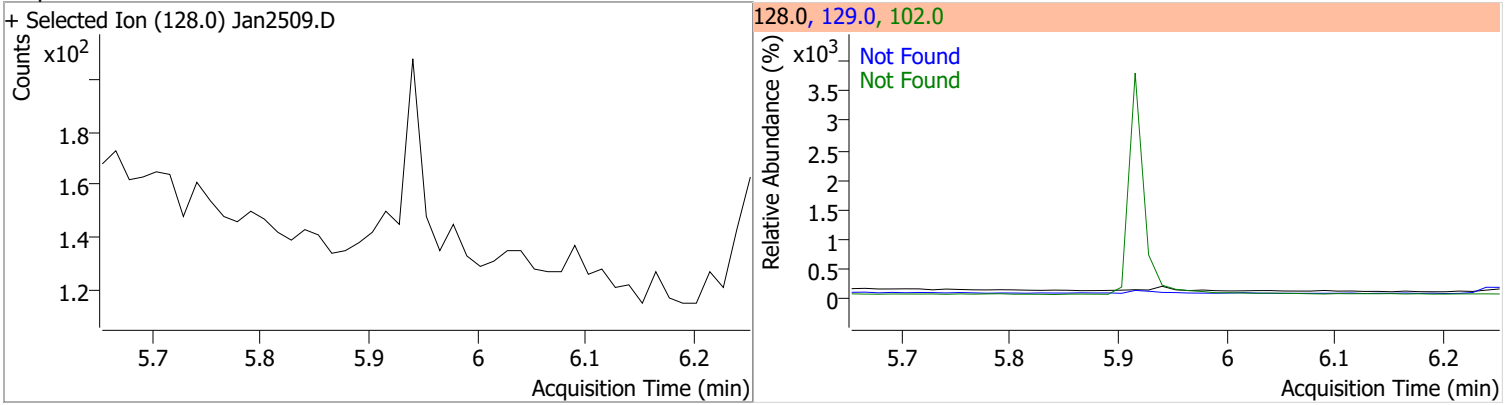
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

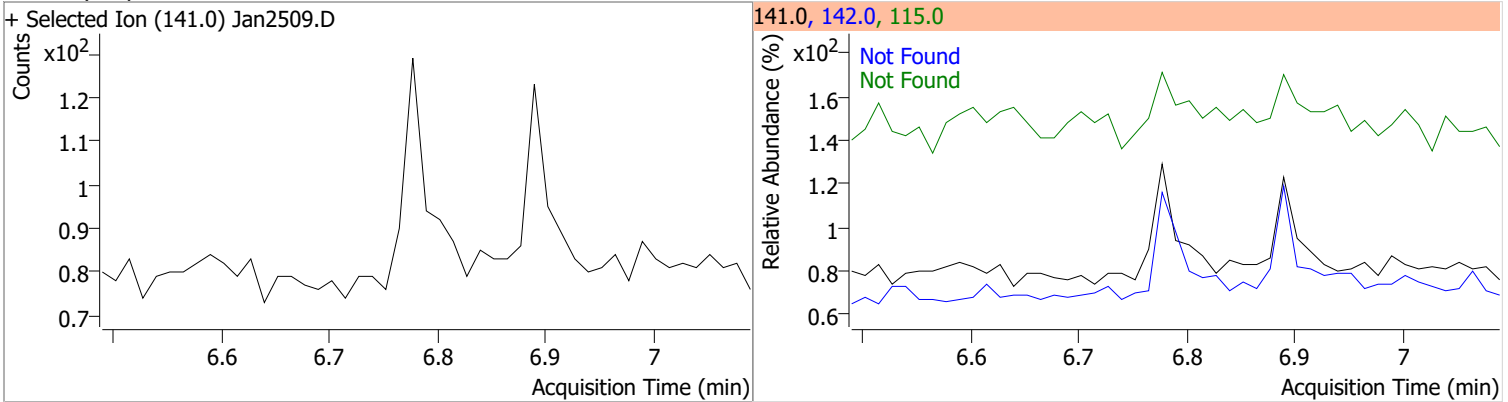
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	35.8384	5.11	-0.04	329550	54.0	34.0	25.9	48.1
					128.0	33.3	25.6	47.6



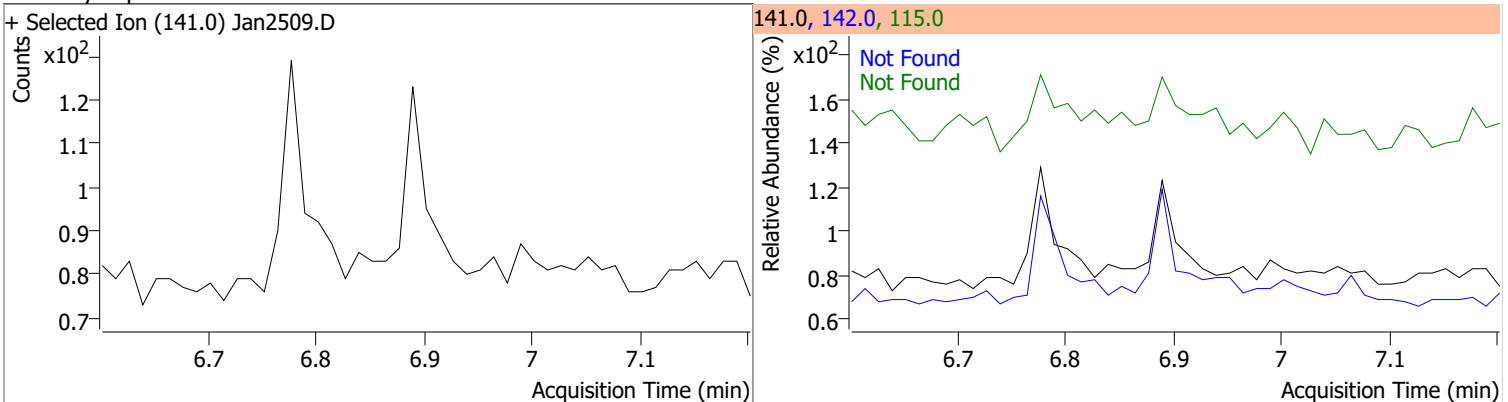
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



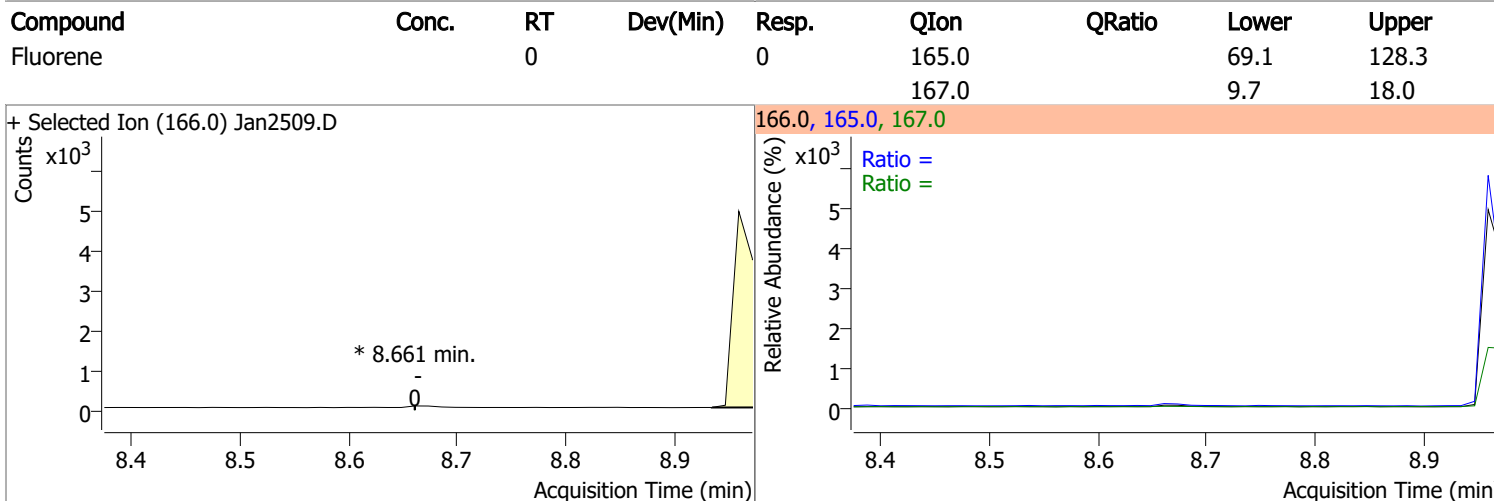
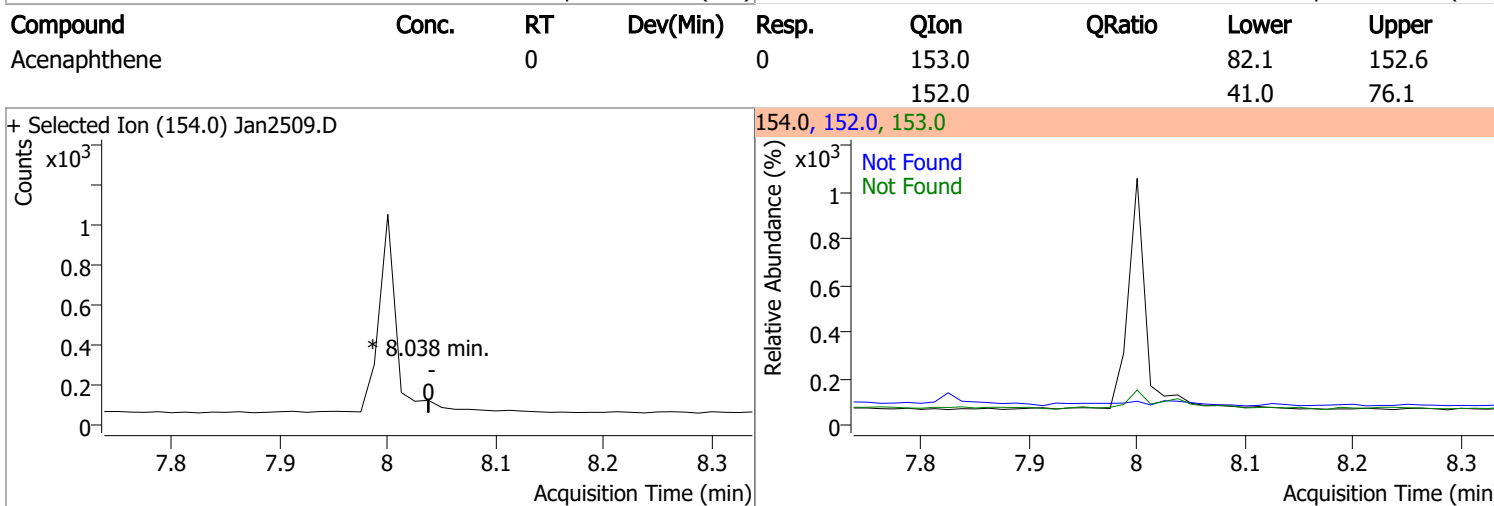
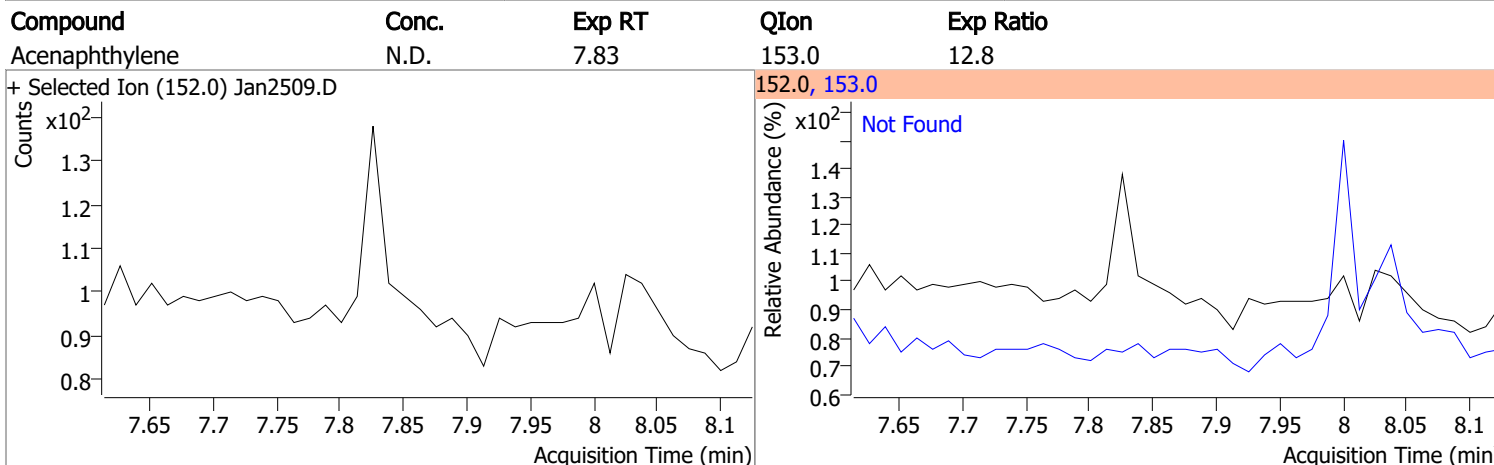
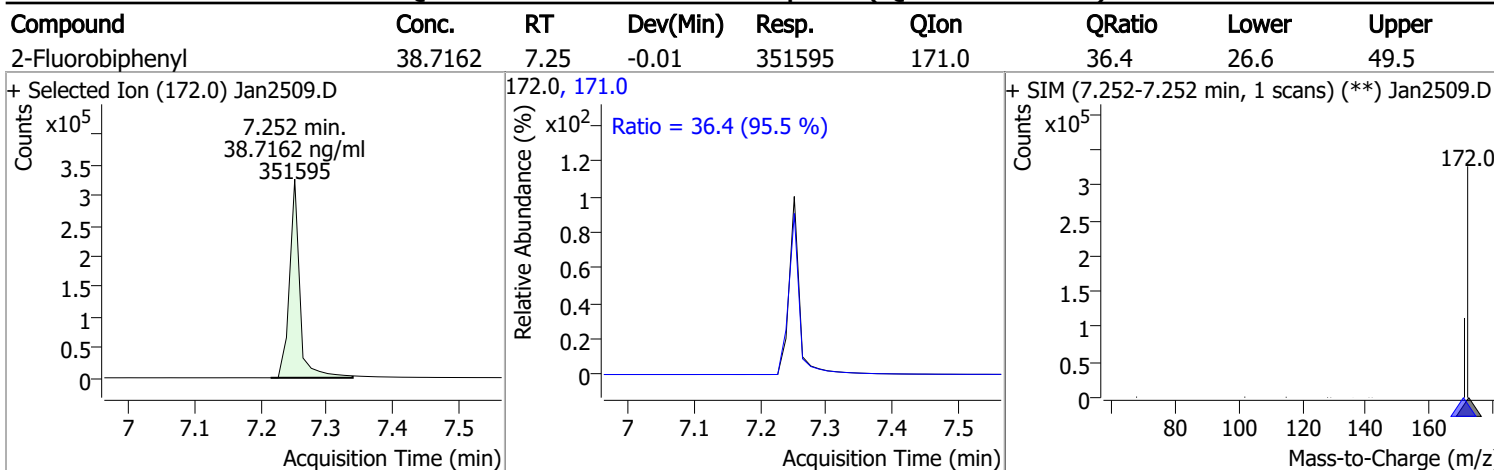
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



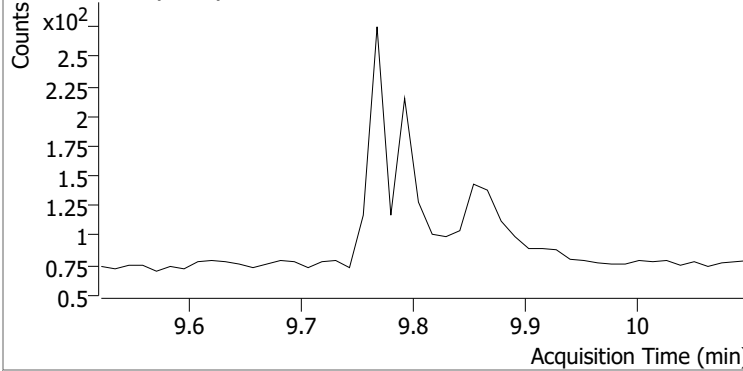
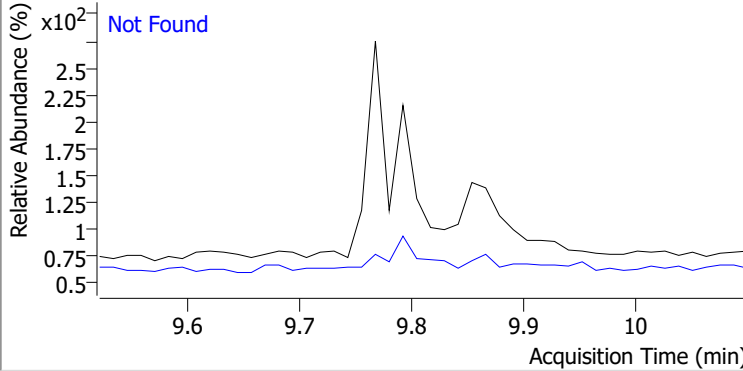
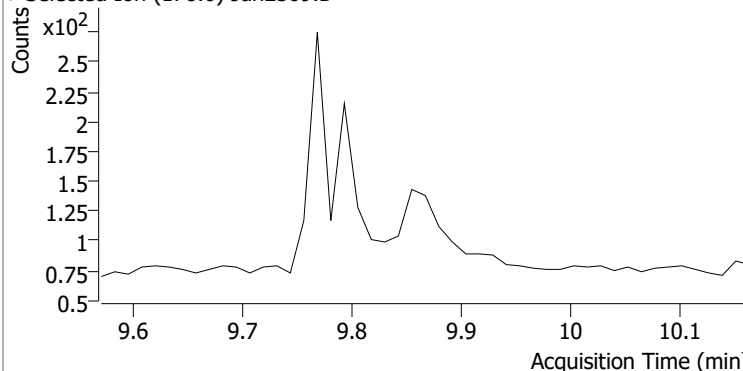
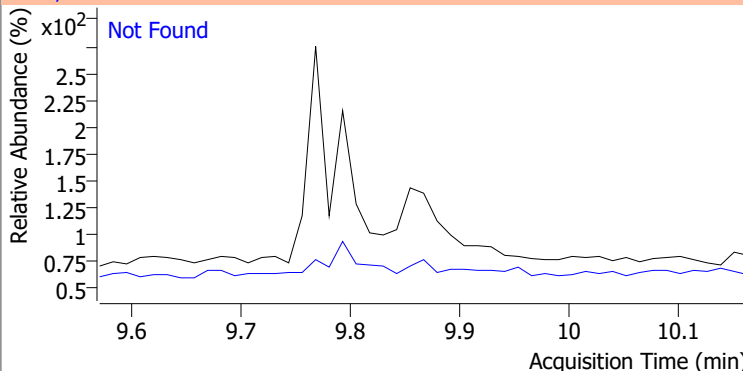
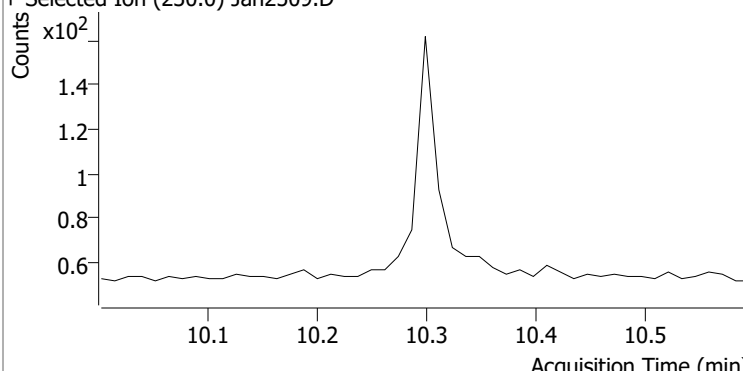
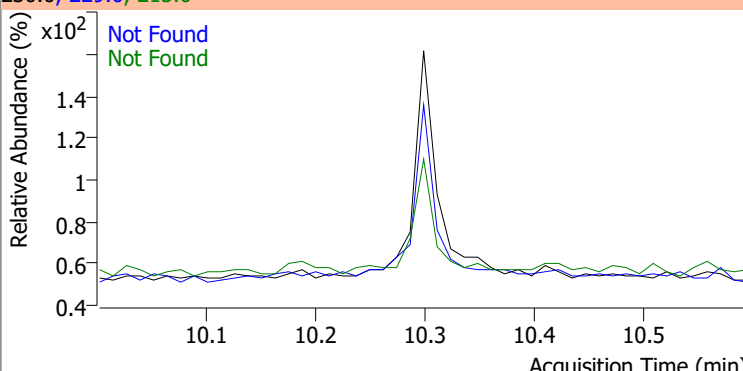
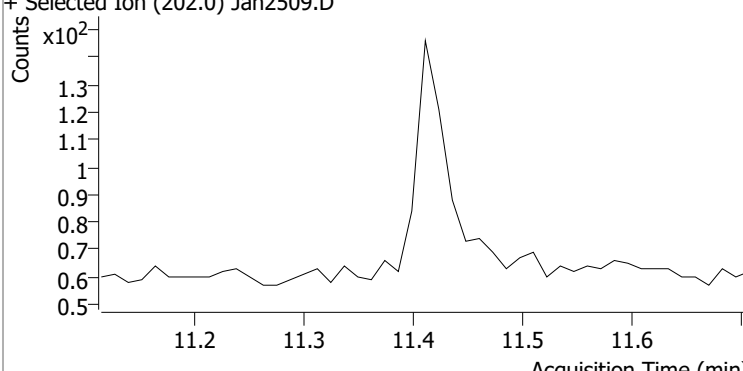
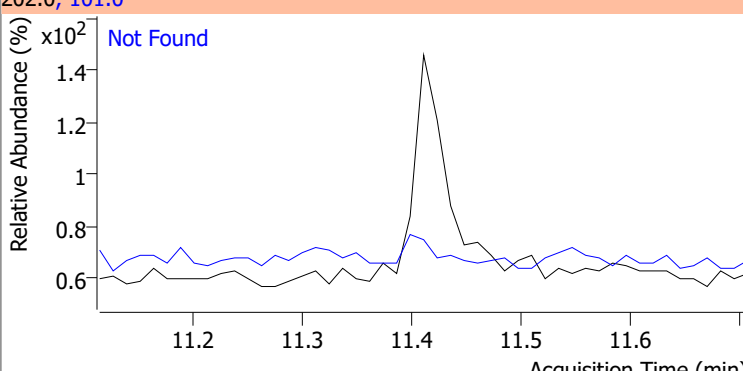
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8



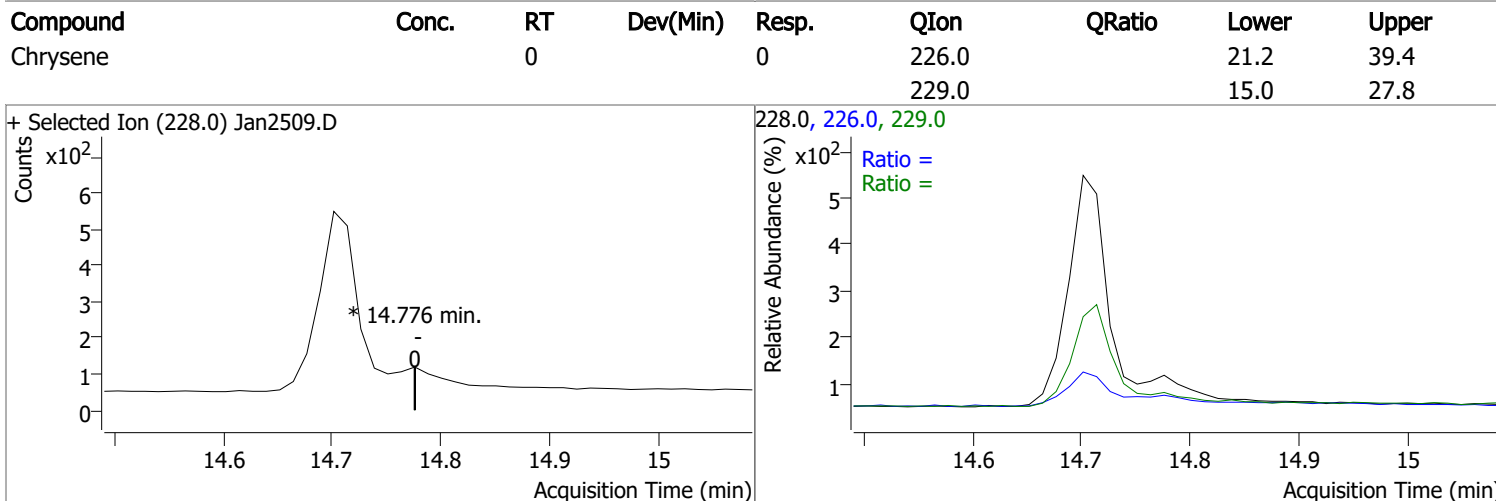
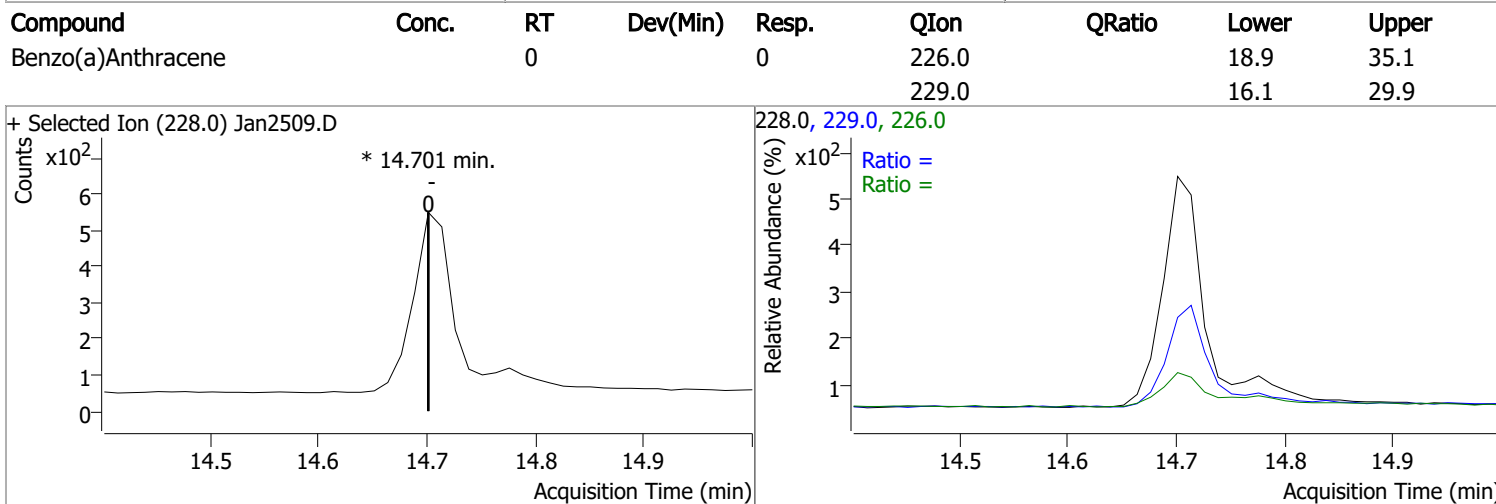
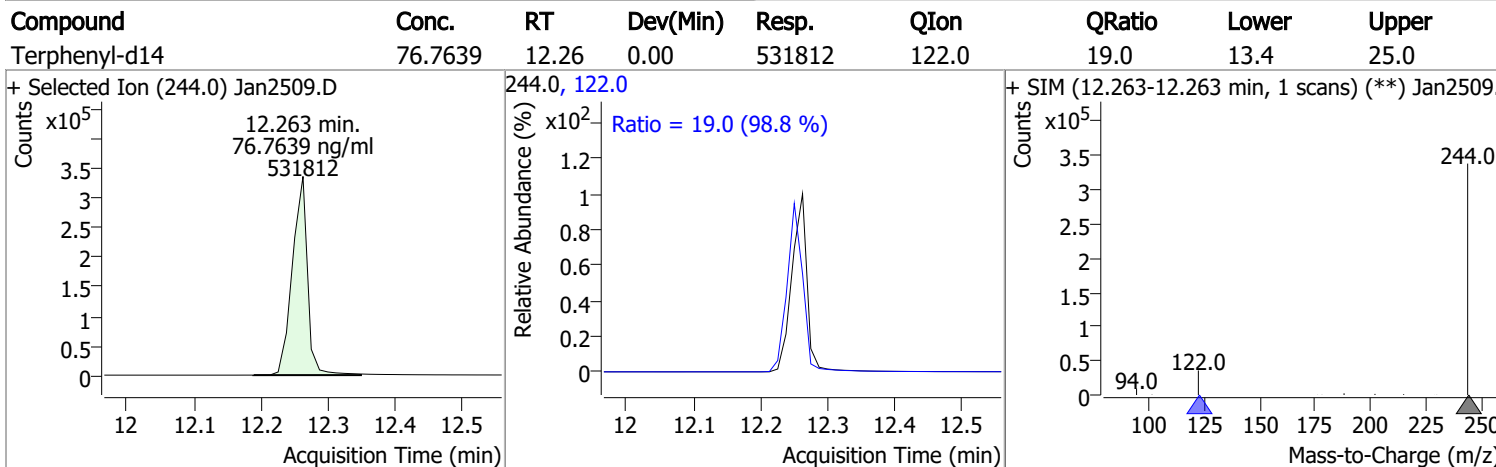
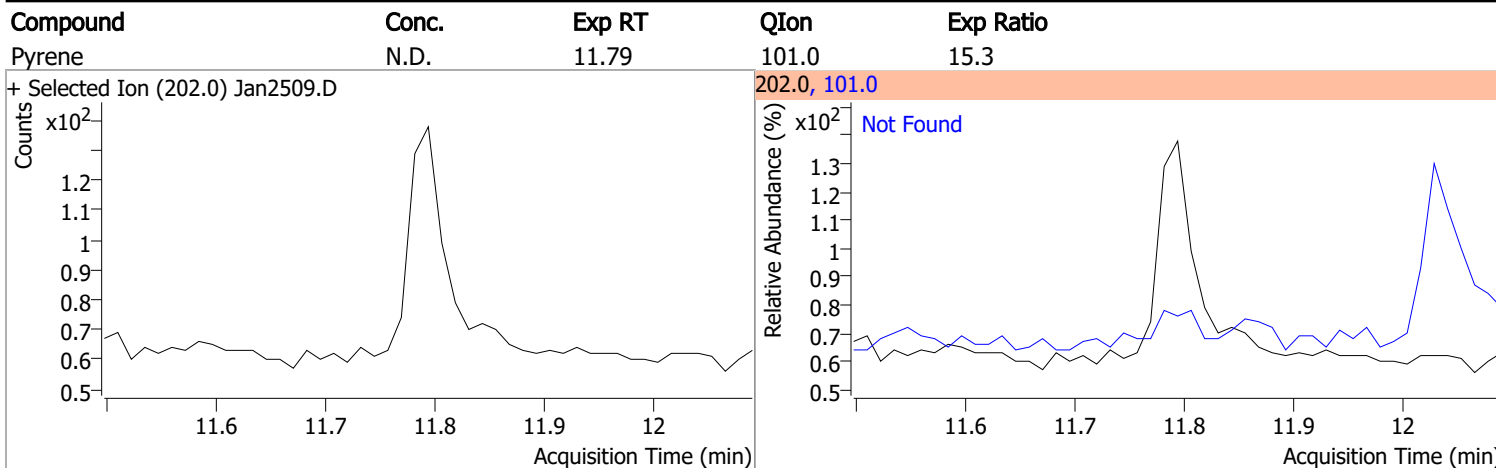
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

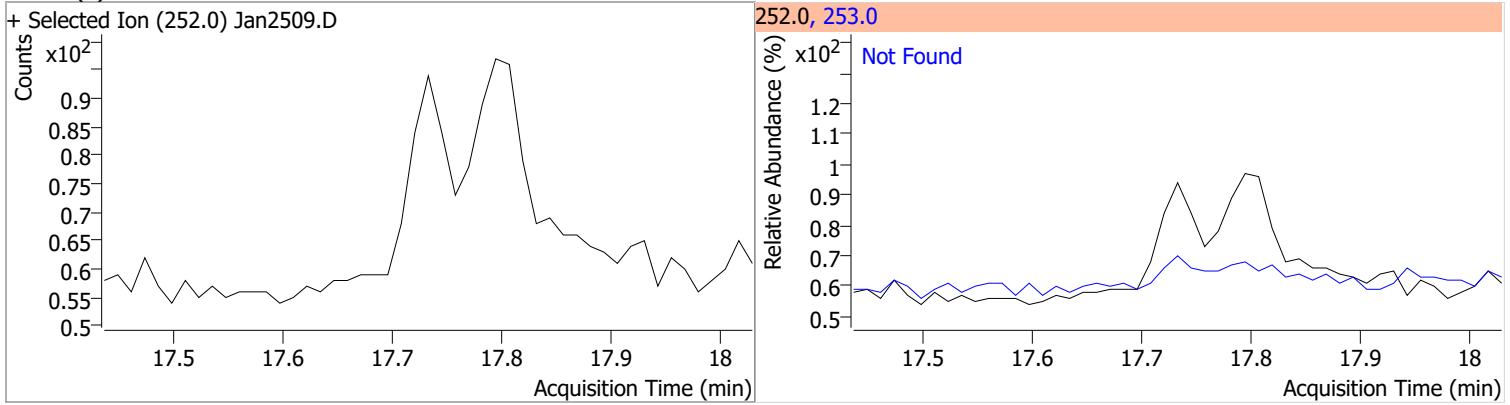
Compound	Conc.	Exp RT	QIon	Exp Ratio		
Phenanthrene	N.D.	9.80	176.0	15.5		
+ Selected Ion (178.0) Jan2509.D			178.0, 176.0			
						
Anthracene	N.D.	9.87	176.0	18.1		
+ Selected Ion (178.0) Jan2509.D			178.0, 176.0			
						
o-Terphenyl	N.D.	10.30	229.0	70.2	QIon	Exp Ratio
+ Selected Ion (230.0) Jan2509.D			230.0, 229.0, 215.0			
						
Fluoranthene	N.D.	11.41	101.0	13.8		
+ Selected Ion (202.0) Jan2509.D			202.0, 101.0			
						

# Quantitation Results Report (QT Reviewed)

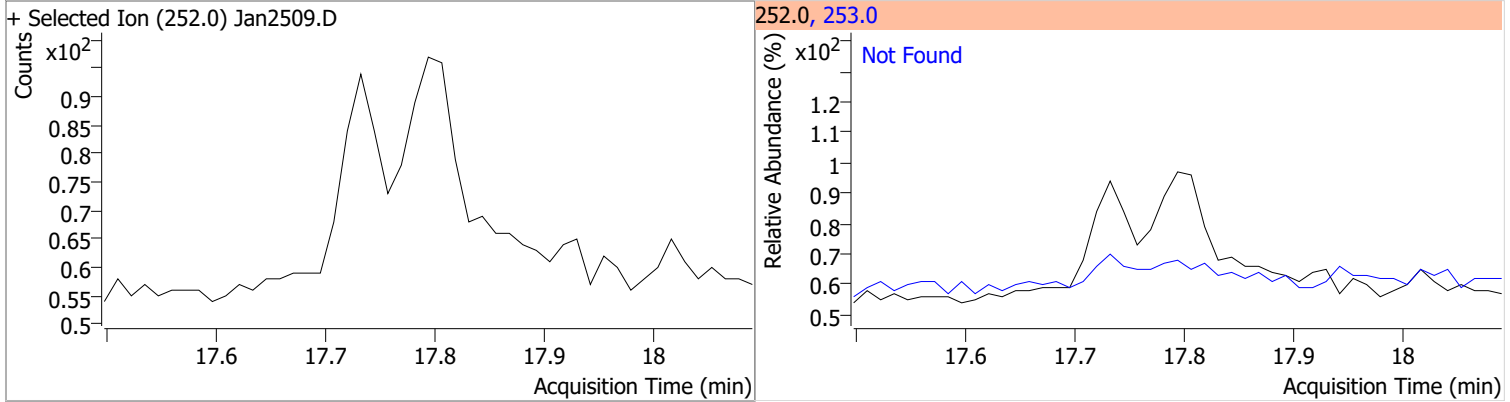


# Quantitation Results Report (QT Reviewed)

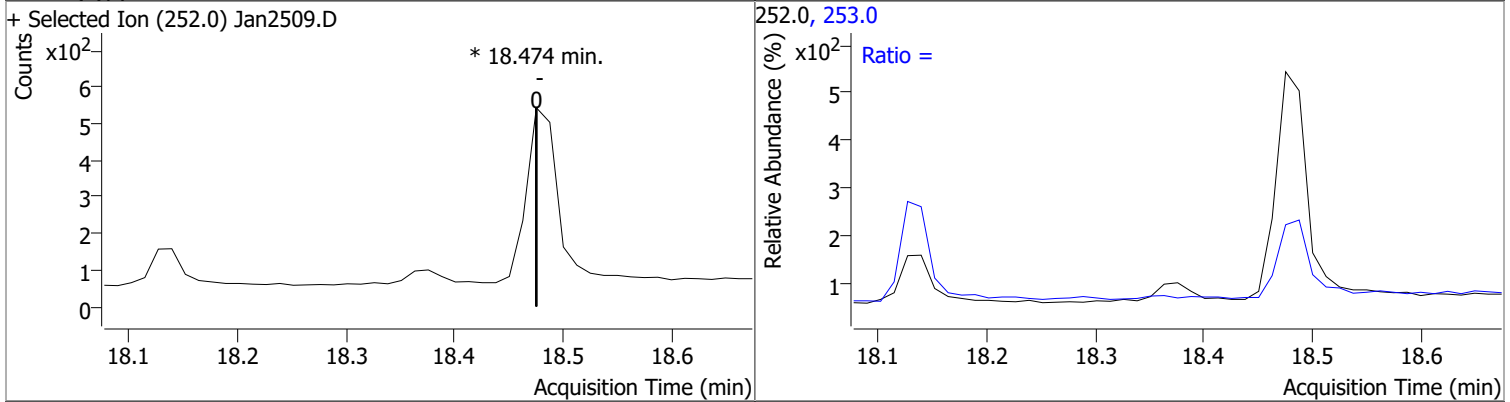
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



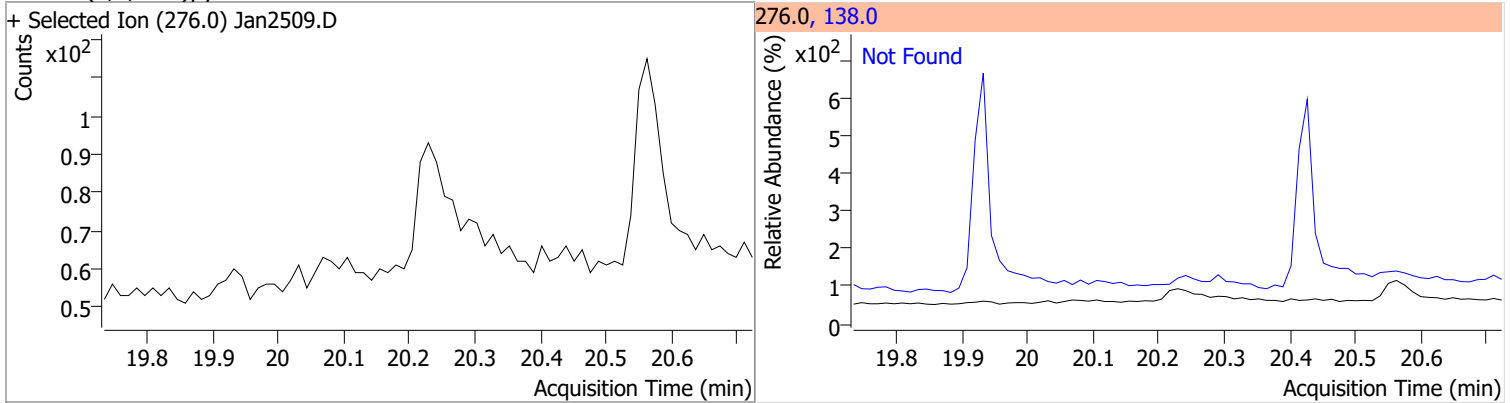
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



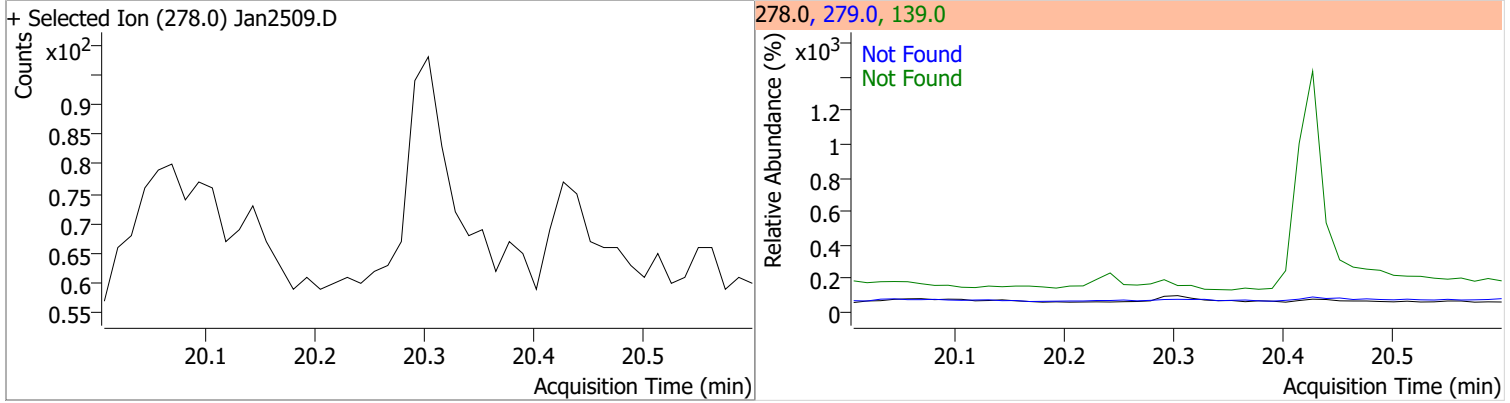
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



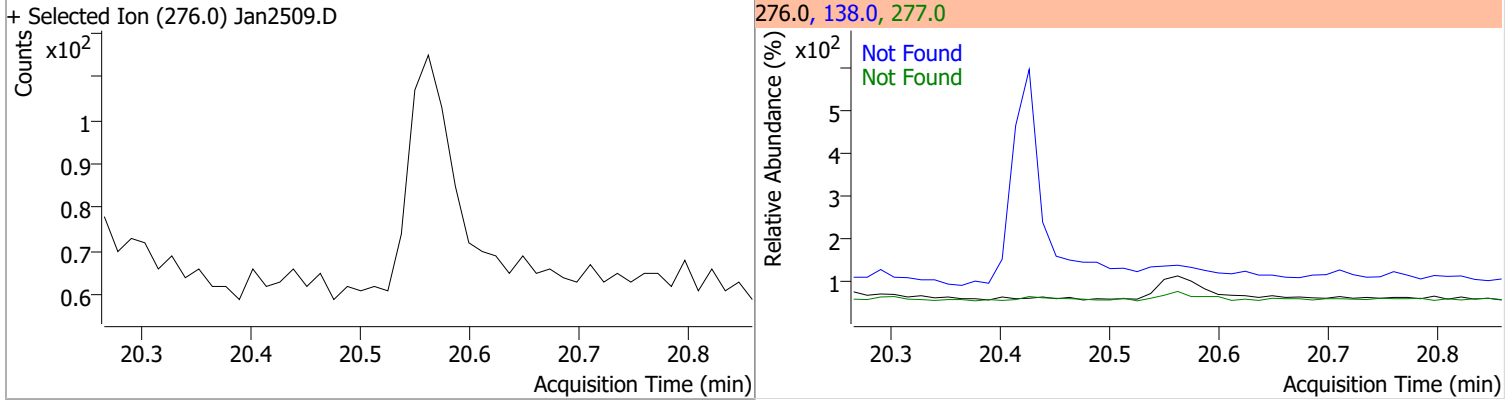


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3

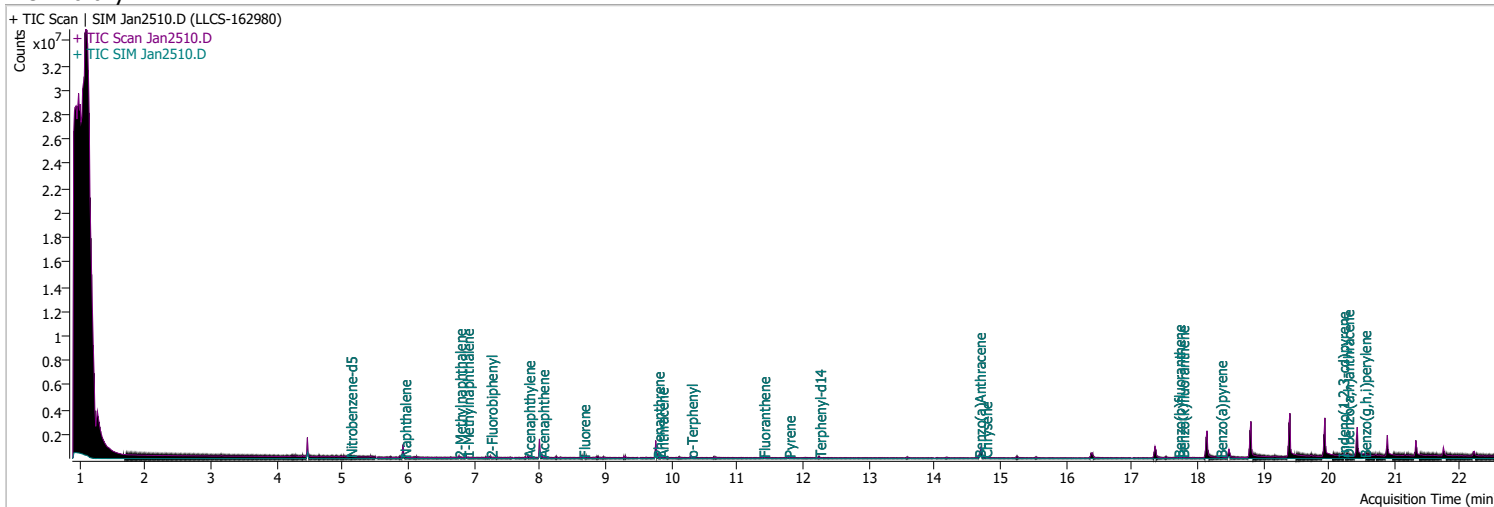


# Quantitation Results Report (QT Reviewed)

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 Acq. Method 5975BNASIM  
 Sample Name LLCS-162980  
 Vial 10  
 DA Method File 011922 bna SIM 1.batch.bin  
 Tune File dftppjph.u  
 Batch Name 012522 bna SIM 1.batch.bin

Operator LIMS import  
 Acq. Date-Time 1/25/2022 3:24:04 PM  
 Instrument GCMS  
 Multiplier 1.00  
 Comment SVOC-8270C-SIM-W-LLPAH  
 Tune Date  
 Last Calib Update 1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	208745	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	351836	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.001	164.0	210774	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	433622	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	302187	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	210867	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	13689	3.2210	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 64.42%		
S 2-Fluorobiphenyl	7.252	172.0	31457	3.1049	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 62.10%		
S o-Terphenyl	10.299	230.0	30723	4.3533	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 87.07%		
S Terphenyl-d14	12.251	244.0	29076	5.1712	ng/ml	-0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 103.42%		
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	46756	3.8411	ng/ml	94
T 2-Methylnaphthalene	6.777	141.0	26868	3.9546	ng/ml	96
T 1-Methylnaphthalene	6.890	141.0	23519	3.2823	ng/ml	99
T Acenaphthylene	7.826	152.0	45436	3.5175	ng/ml	98
T Acenaphthene	8.038	154.0	30308	3.6680	ng/ml	95
T Fluorene	8.661	166.0	39049	3.9940	ng/ml	100
T Phenanthrene	9.793	178.0	62079	4.6202	ng/ml	91
T Anthracene	9.854	178.0	56522	4.7099	ng/ml	99
T Fluoranthene	11.398	202.0	64327	4.3740	ng/ml	99
T Pyrene	11.781	202.0	69088	4.5383	ng/ml	99
T Benzo(a)Anthracene	14.677	228.0	47948	4.9605	ng/ml	99
T Chrysene	14.776	228.0	62452	4.5155	ng/ml	99
T Benzo(b)fluoranthene	17.709	252.0	44315	4.6646	ng/ml	99

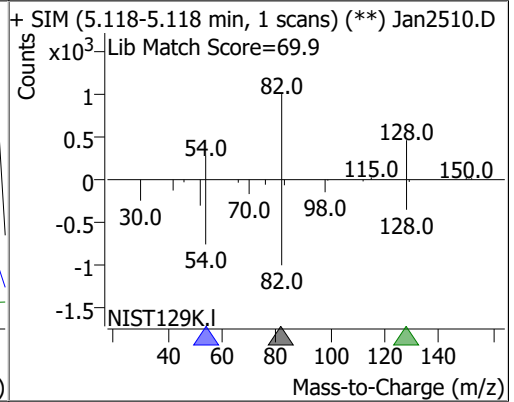
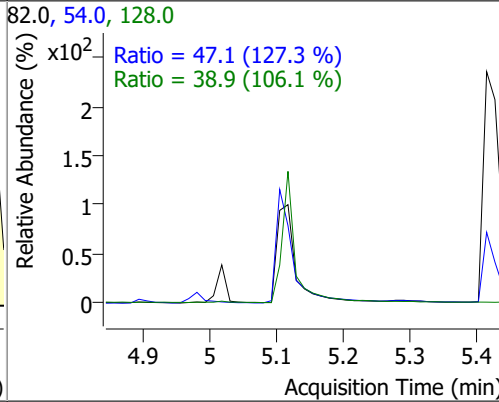
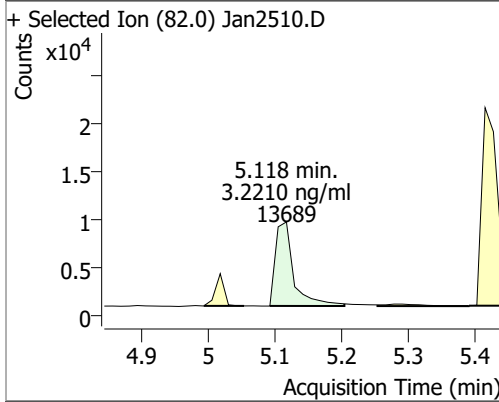
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	48113	4.3533	ng/ml	99
T Benzo(a)pyrene	18.351	252.0	36867	4.7793	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.204	276.0	38964	5.2038	ng/ml	93
T Dibenzo(a,h)anthracene	20.279	278.0	44113	5.2366	ng/ml	96
T Benzo(g,h,i)perylene	20.538	276.0	56322	5.3101	ng/ml	96

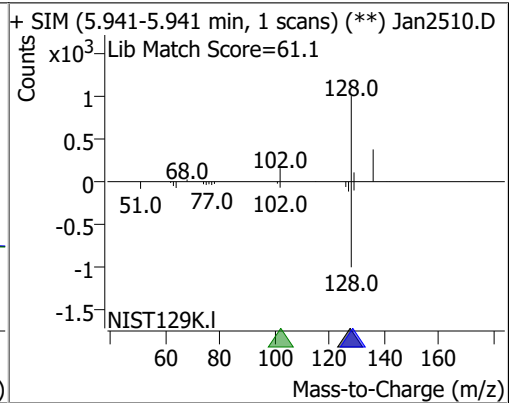
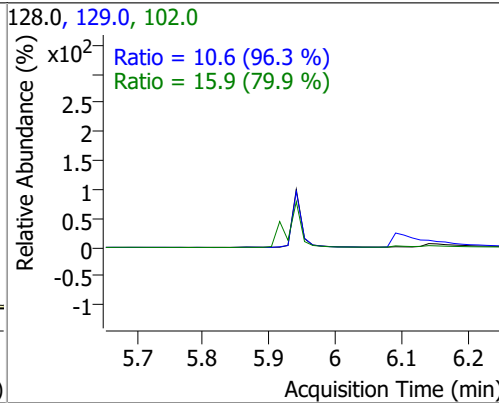
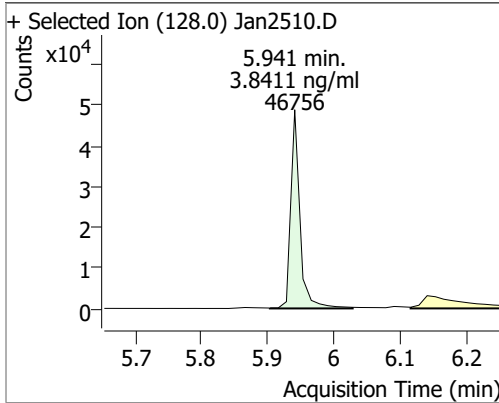
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

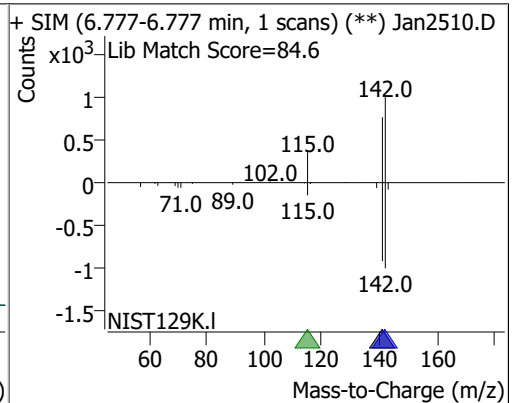
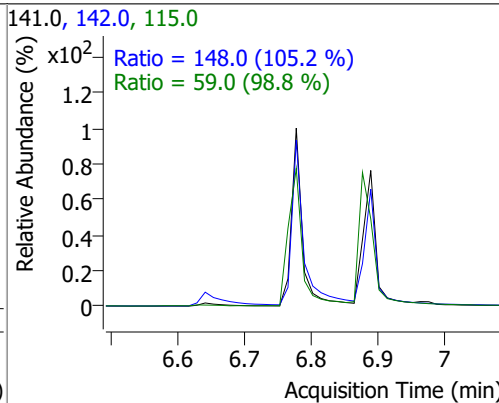
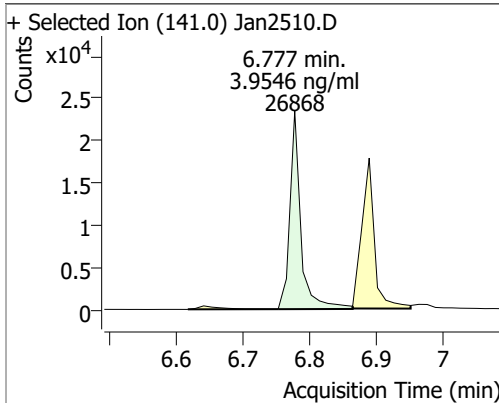
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	3.2210	5.12	-0.02	13689	54.0	47.1	25.9	48.1
					128.0	38.9	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.8411	5.94	-0.01	46756	102.0	15.9	0.0	59.6
					129.0	10.6	7.7	14.3

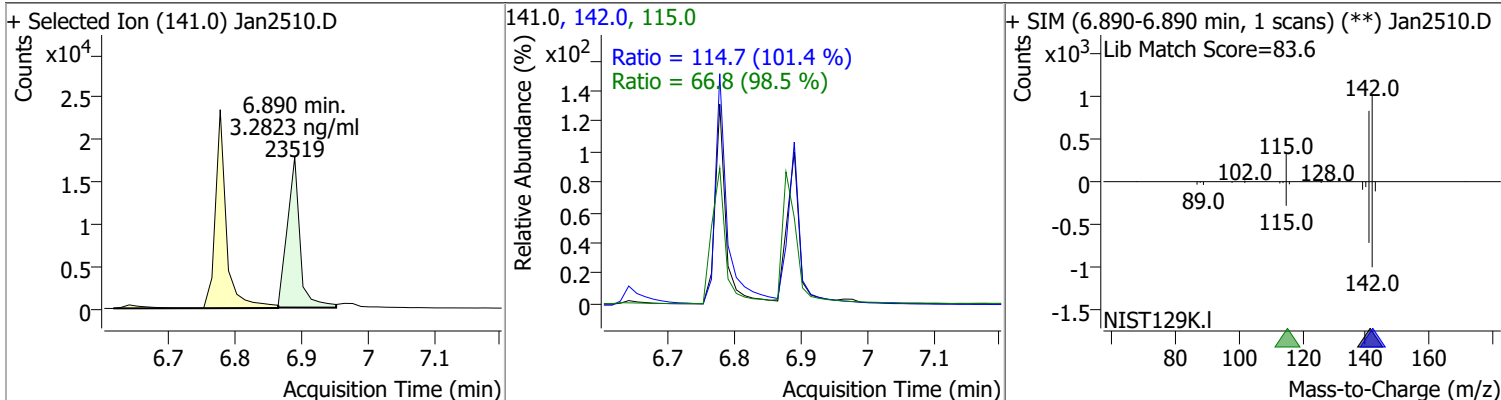


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.9546	6.78	-0.01	26868	142.0	148.0	98.5	183.0
					115.0	59.0	41.8	77.6

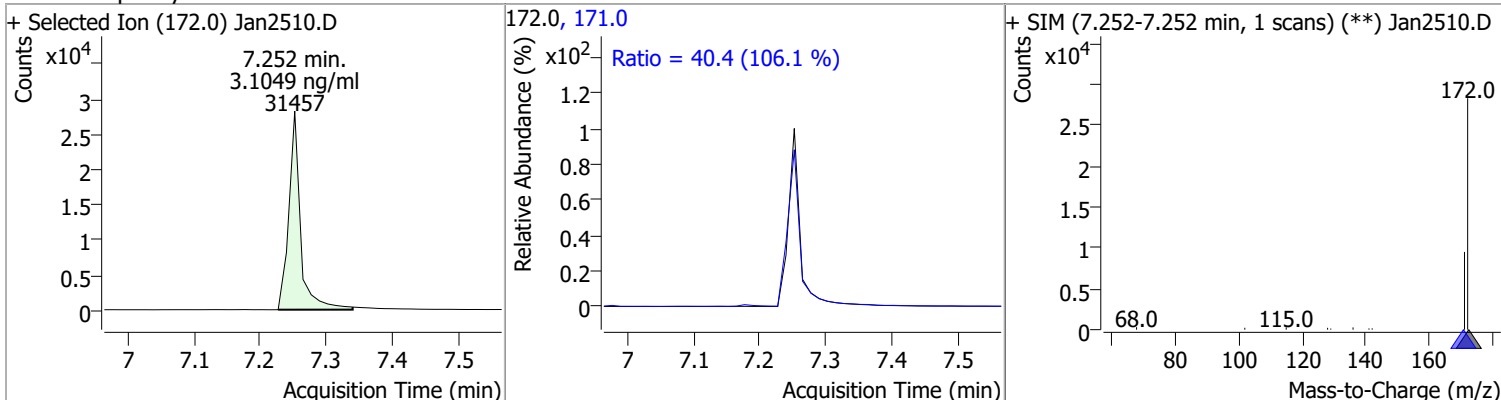


# Quantitation Results Report (QT Reviewed)

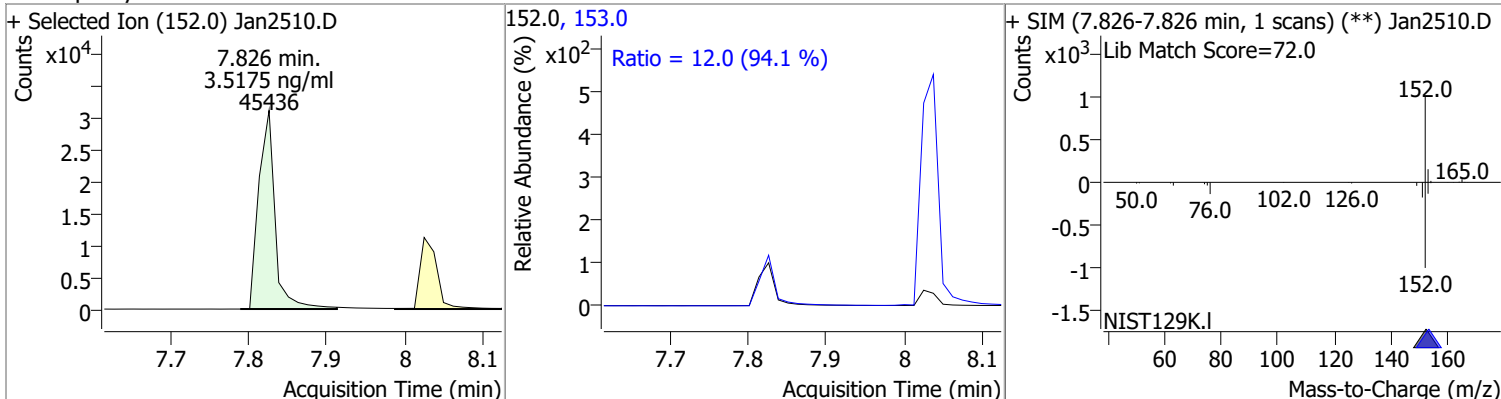
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	3.2823	6.89	-0.01	23519	142.0	114.7	79.2	147.1
					115.0	66.8	47.5	88.2



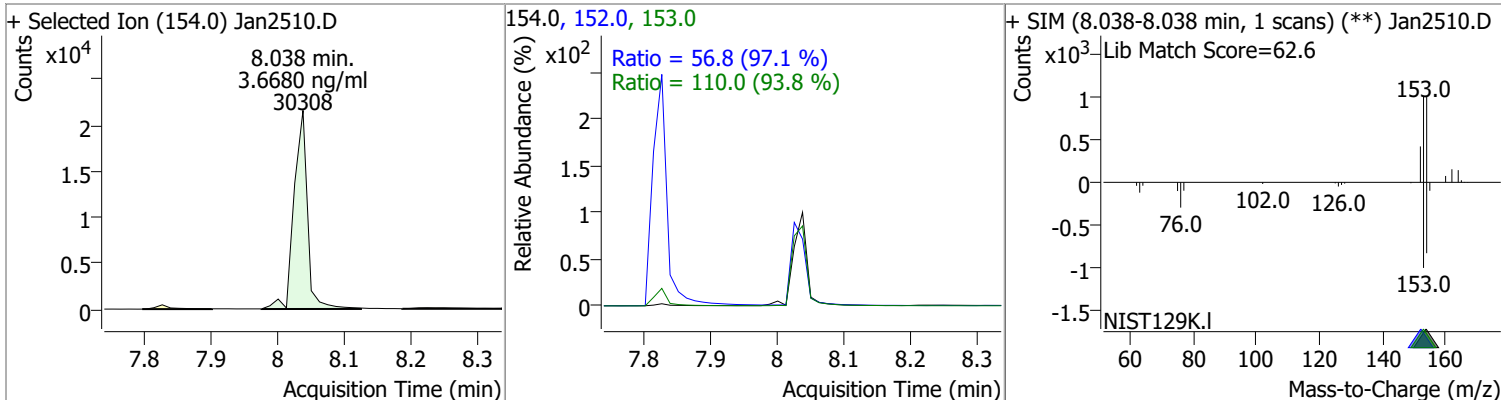
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	3.1049	7.25	-0.01	31457	171.0	40.4	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	3.5175	7.83	0.00	45436	153.0	12.0	9.0	16.6

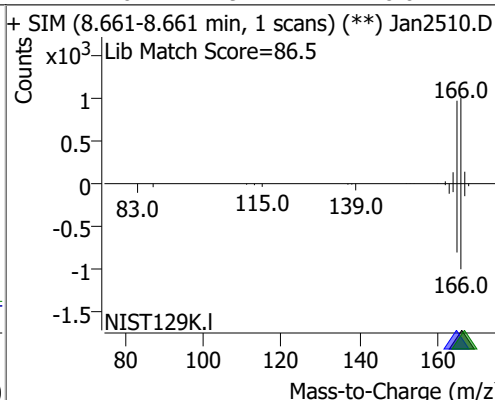
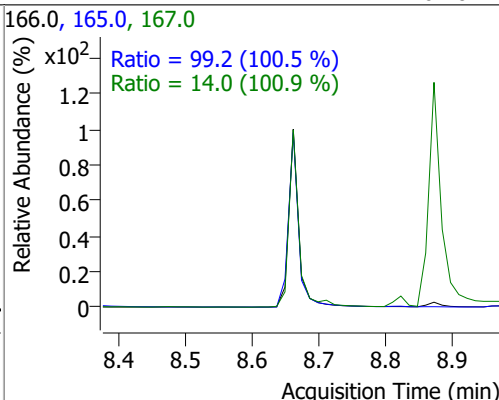
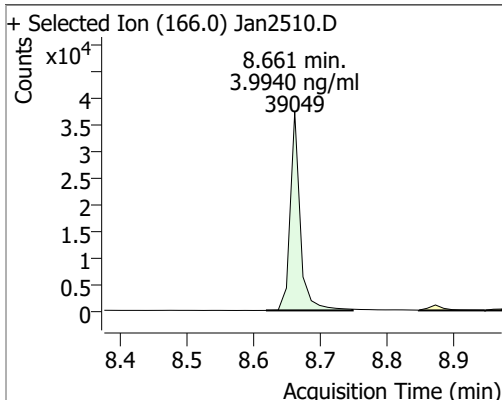


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	3.6680	8.04	0.00	30308	153.0	110.0	82.1	152.6
					152.0	56.8	41.0	76.1

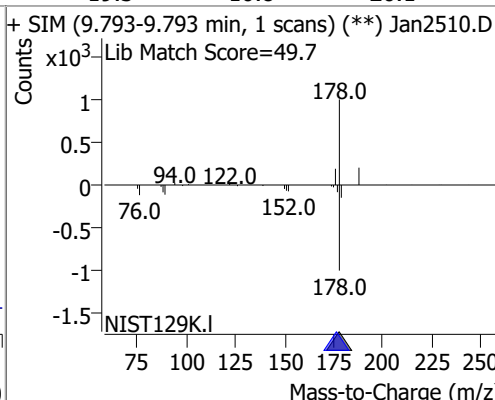
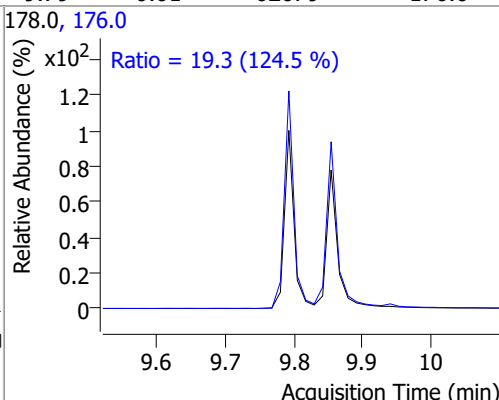
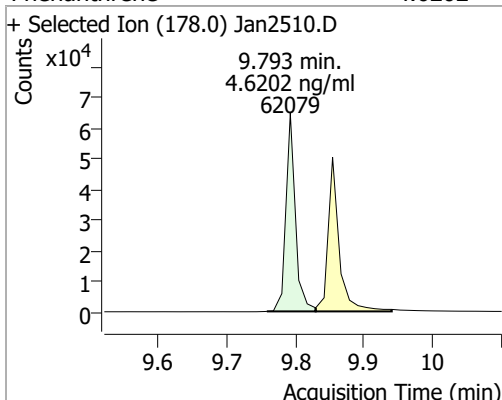


# Quantitation Results Report (QT Reviewed)

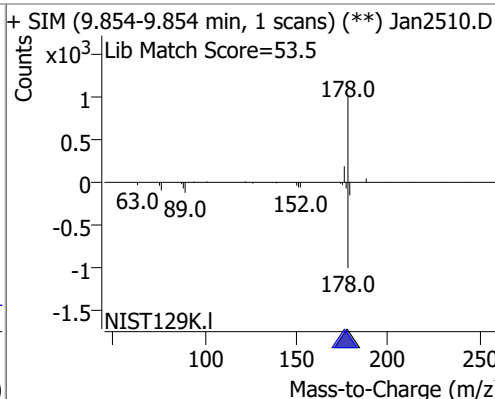
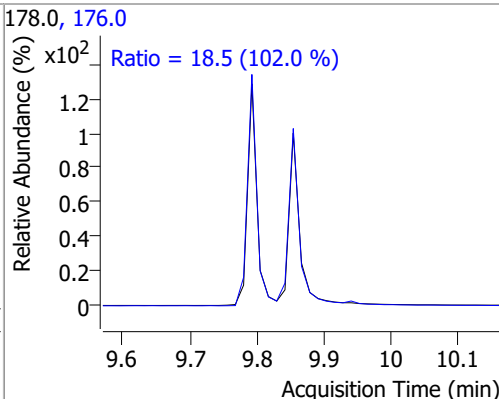
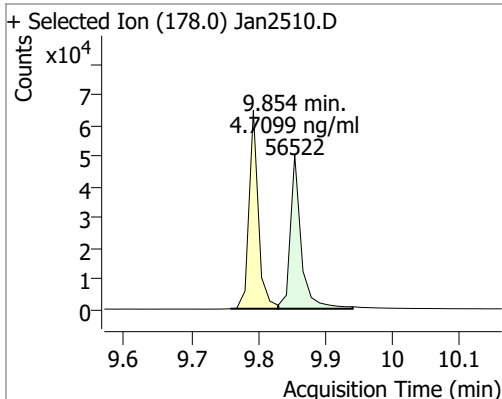
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.9940	8.66	-0.01	39049	165.0 167.0	99.2 14.0	69.1 9.7	128.3 18.0



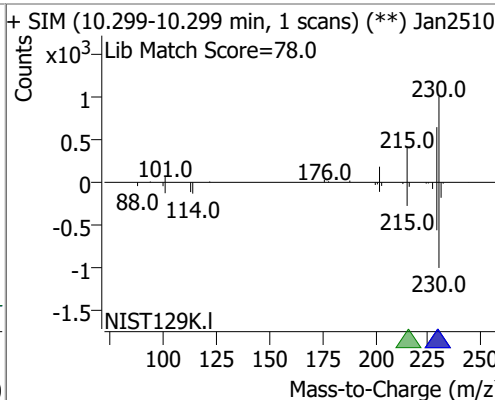
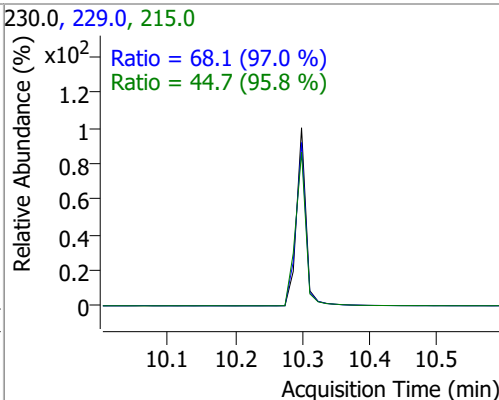
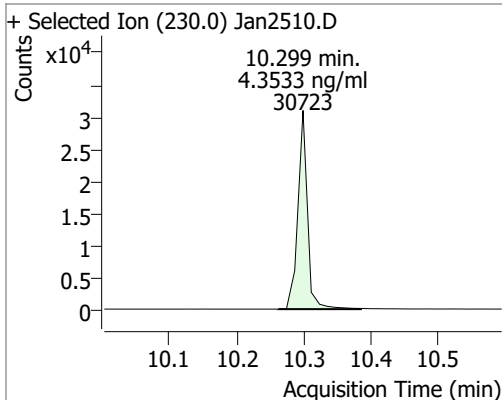
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.6202	9.79	-0.01	62079	176.0	19.3	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.7099	9.85	-0.01	56522	176.0	18.5	12.7	23.5

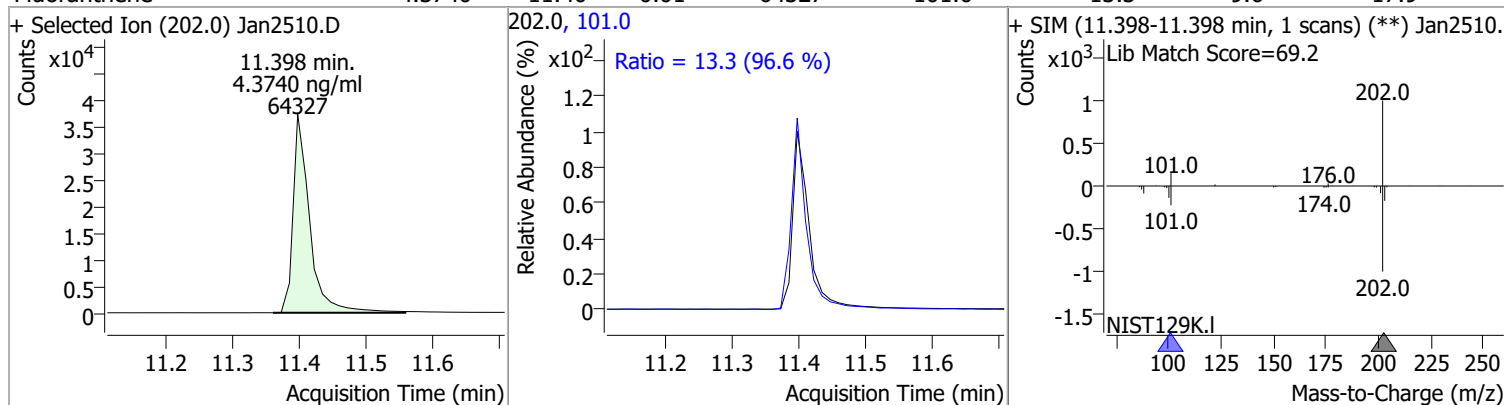


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.3533	10.30	0.00	30723	229.0 215.0	68.1 44.7	49.2 32.7	91.3 60.7

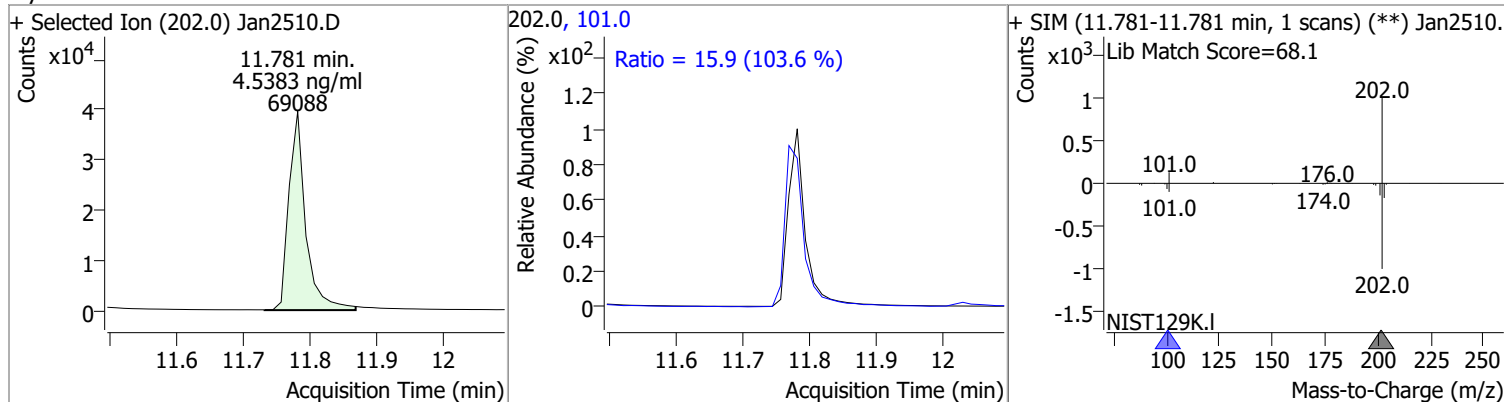


# Quantitation Results Report (QT Reviewed)

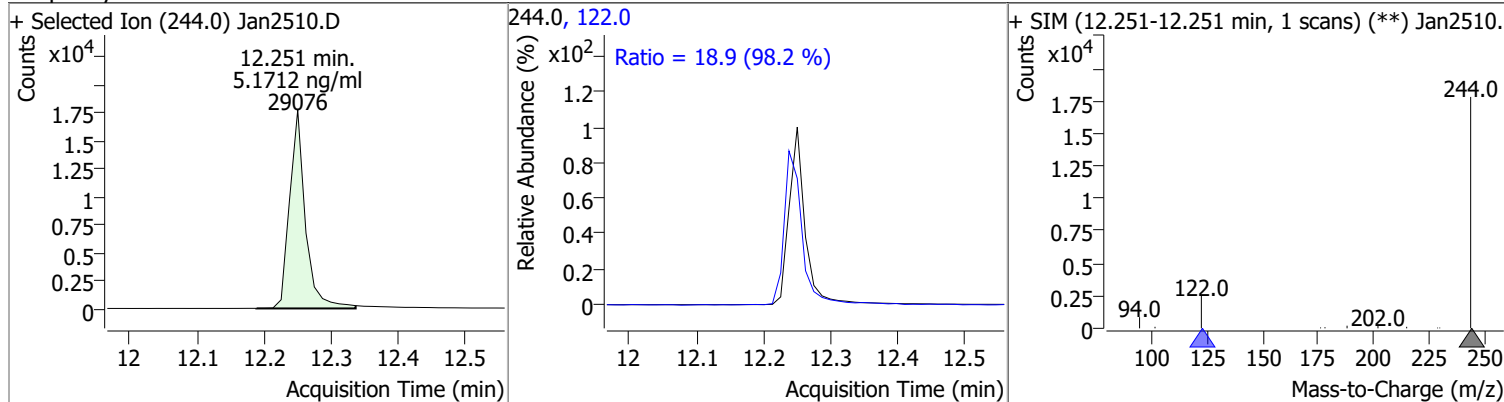
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.3740	11.40	-0.01	64327	101.0	13.3	9.6	17.9



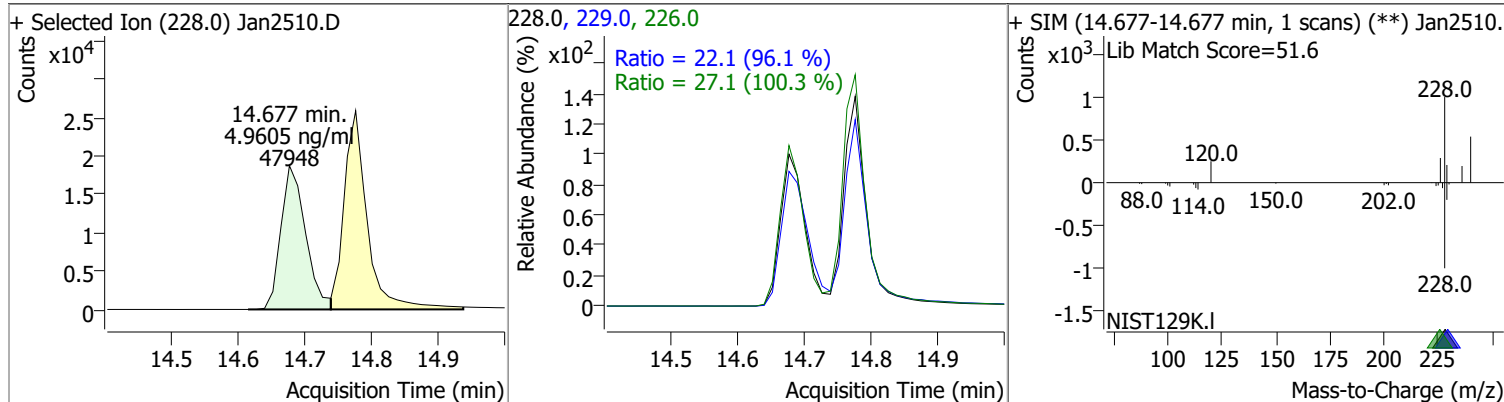
Pyrene	4.5383	11.78	-0.01	69088	101.0	15.9	10.7	20.0
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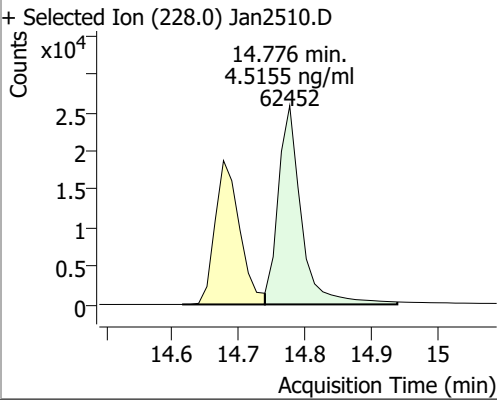
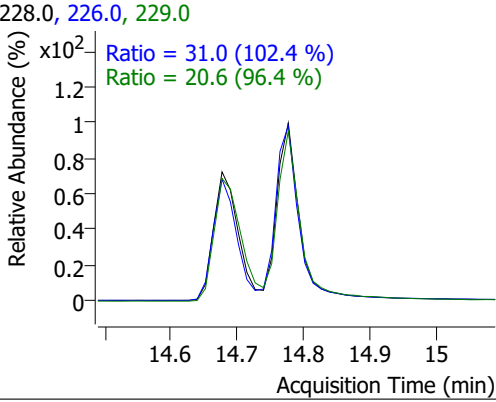
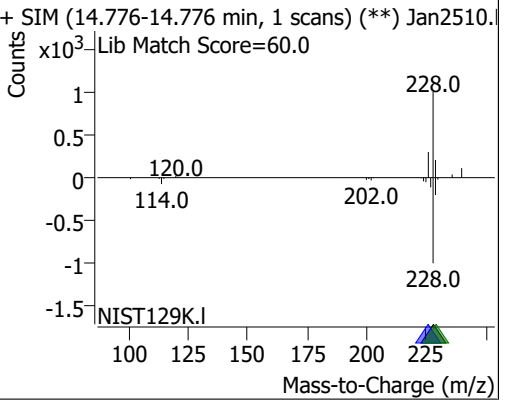
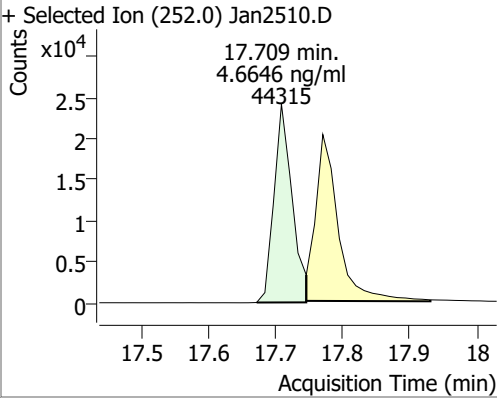
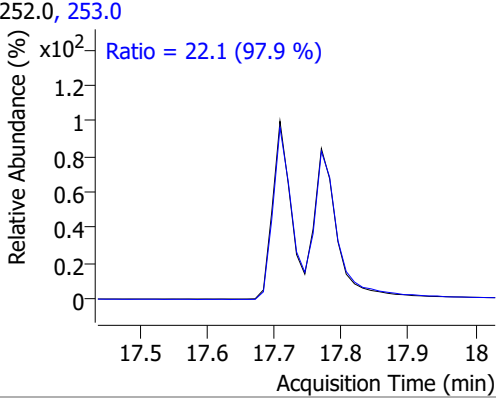
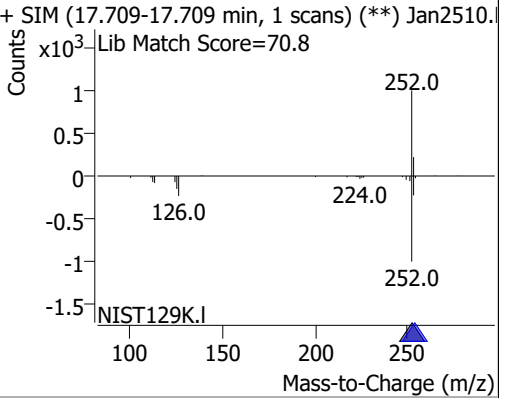
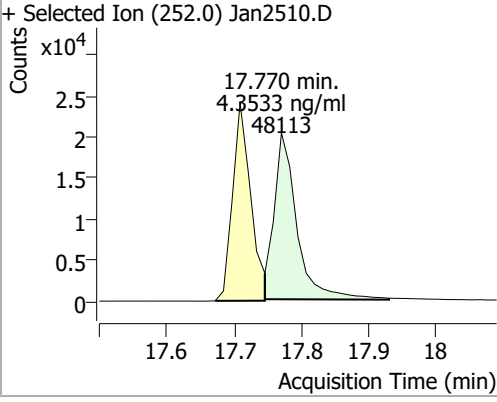
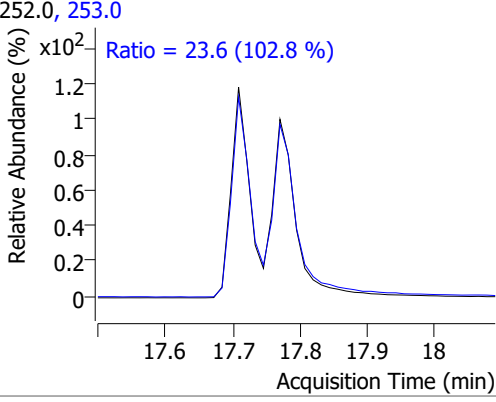
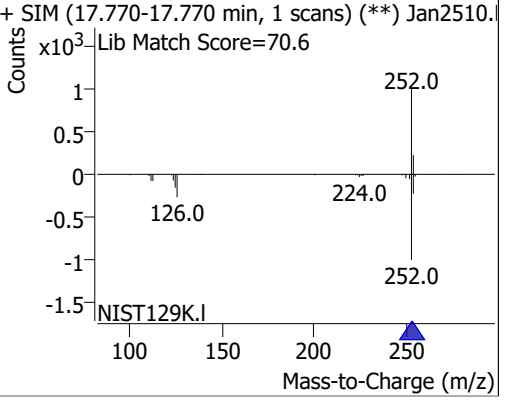
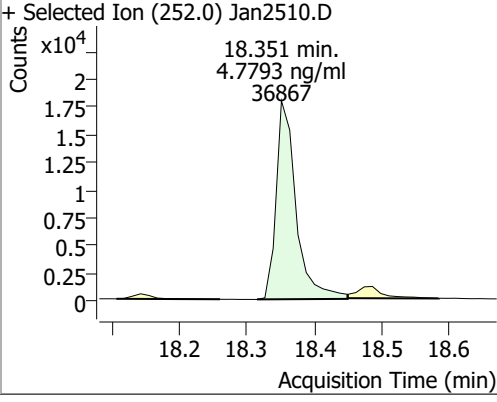
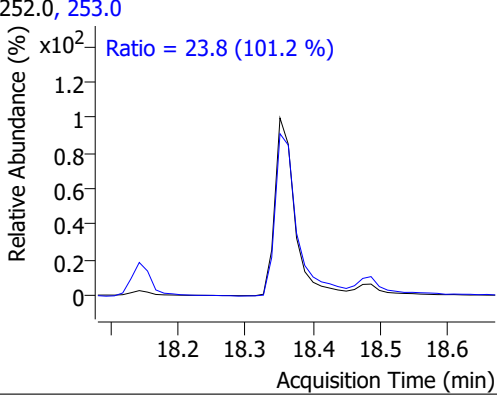
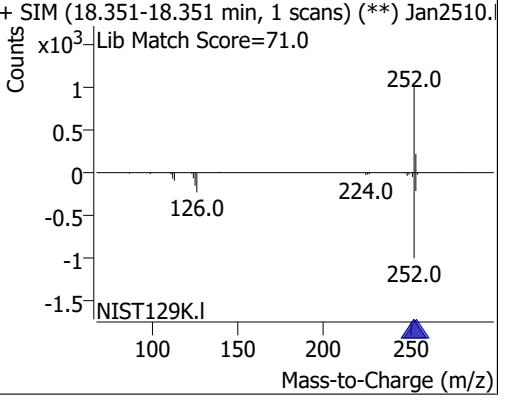
Terphenyl-d14	5.1712	12.25	-0.01	29076	122.0	18.9	13.4	25.0
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Benzo(a)Anthracene	4.9605	14.68	-0.02	47948	226.0 229.0	27.1 22.1	18.9 16.1	35.1 29.9
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# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	4.5155	14.78	-0.01	62452	226.0 229.0	31.0 20.6	21.2 15.0	39.4 27.8
+ Selected Ion (228.0) Jan2510.D 			228.0, 226.0, 229.0 			+ SIM (14.776-14.776 min, 1 scans) (***) Jan2510. Lib Match Score=60.0 		
Benzo(b)fluoranthene	4.6646	17.71	-0.02	44315	253.0	22.1	15.8	29.4
+ Selected Ion (252.0) Jan2510.D 			252.0, 253.0 			+ SIM (17.709-17.709 min, 1 scans) (***) Jan2510. Lib Match Score=70.8 		
Benzo(k)fluoranthene	4.3533	17.77	-0.02	48113	253.0	23.6	16.1	29.9
+ Selected Ion (252.0) Jan2510.D 			252.0, 253.0 			+ SIM (17.770-17.770 min, 1 scans) (***) Jan2510. Lib Match Score=70.6 		
Benzo(a)pyrene	4.7793	18.35	-0.02	36867	253.0	23.8	16.5	30.6
+ Selected Ion (252.0) Jan2510.D 			252.0, 253.0 			+ SIM (18.351-18.351 min, 1 scans) (***) Jan2510. Lib Match Score=71.0 		



# Quantitation Results Report (QT Reviewed)

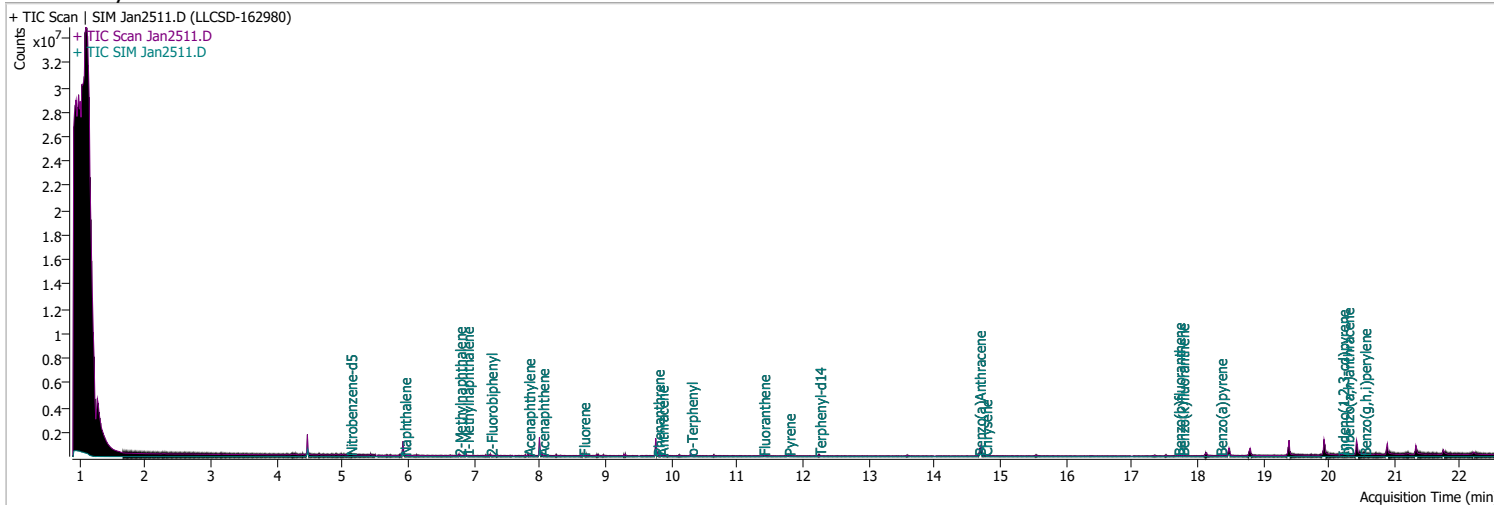
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	5.2038	20.20	-0.02	38964	138.0	25.4	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2510.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 25.4 (87.8 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan2510.D</p> <p>Lib Match Score=78.2</p> </div> </div>								
Dibenzo(a,h)anthracene	5.2366	20.28	-0.02	44113	279.0	25.6	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2510.D</p> </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 25.6 (101.9 %)</p> <p>Ratio = 20.7 (86.1 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.279-20.279 min, 1 scans) (**) Jan2510.D</p> <p>Lib Match Score=77.3</p> </div> </div>								
Benzo(g,h,i)perylene	5.3101	20.54	-0.02	56322	138.0	25.0	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2510.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 25.0 (89.0 %)</p> <p>Ratio = 24.7 (106.0 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan2510.D</p> <p>Lib Match Score=77.5</p> </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File Jan2511.D  
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 Sample Name LLCSD-162980  
 Vial 11  
 DA Method File 011922 bna SIM 1.batch.bin  
 Tune File dftppjph.u  
 Batch Name 012522 bna SIM 1.batch.bin

Operator LIMS import  
 Acq. Date-Time 1/25/2022 3:56:34 PM  
 Instrument GCMS  
 Multiplier 1.00  
 Comment SVOC-8270C-SIM-W-LLPAH  
 Tune Date  
 Last Calib Update 1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)	
<b>Internal Standards</b>							
M 1,4-Dichlorobenzene-d4	4.472	152.0	213634	40.0000	ng/ml	-0.025	
M Naphthalene-d8	5.916	136.0	360210	40.0000	ng/ml	-0.025	
M Acenaphthene-d10	8.000	164.0	219797	40.0000	ng/ml	0.000	
M Phenanthrene-d10	9.768	188.0	436335	40.0000	ng/ml	-0.012	
M Chrysene-d12	14.714	240.0	298355	40.0000	ng/ml	-0.012	
M Perylene-d12	18.487	264.0	202886	40.0000	ng/ml	-0.012	
<b>System Monitoring Compounds</b>							
S Nitrobenzene-d5	5.118	82.0	15109	3.4370	ng/ml	-0.025	
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 68.74%			
S 2-Fluorobiphenyl	7.252	172.0	33619	3.1821	ng/ml	-0.013	
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 63.64%			
S o-Terphenyl	10.299	230.0	30256	4.2605	ng/ml	0.000	
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 85.21%			
S Terphenyl-d14	12.251	244.0	28587	5.1503	ng/ml	-0.012	
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 103.01%			
<b>Target Compounds</b>							
T Naphthalene	5.941	128.0	37450	3.0051	ng/ml		94
T 2-Methylnaphthalene	6.777	141.0	19751	2.8396	ng/ml		80
T 1-Methylnaphthalene	6.890	141.0	19275	2.6275	ng/ml		96
T Acenaphthylene	7.826	152.0	41186	3.0576	ng/ml		98
T Acenaphthene	8.038	154.0	26924	3.1247	ng/ml		94
T Fluorene	8.661	166.0	37544	3.6824	ng/ml		99
T Phenanthrene	9.793	178.0	55133	4.0860	ng/ml	#	86
T Anthracene	9.854	178.0	51105	4.2543	ng/ml		96
T Fluoranthene	11.398	202.0	65581	4.4316	ng/ml		98
T Pyrene	11.781	202.0	69000	4.5908	ng/ml		97
T Benzo(a)Anthracene	14.677	228.0	48088	5.0348	ng/ml		99
T Chrysene	14.776	228.0	64195	4.7011	ng/ml		99
T Benzo(b)fluoranthene	17.708	252.0	45705	5.0002	ng/ml		99

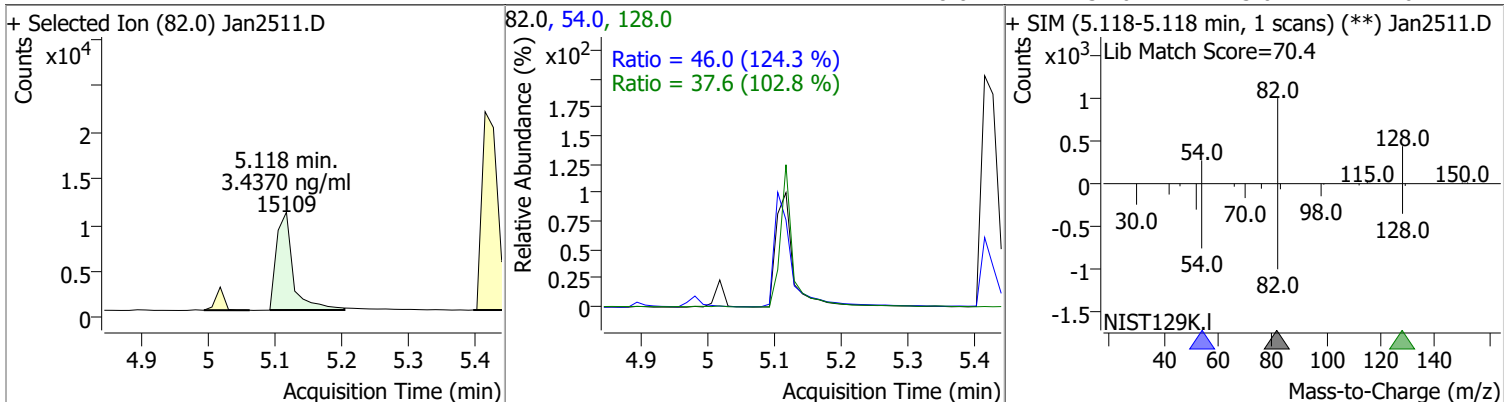
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	49650	4.6569	ng/ml	96
T Benzo(a)pyrene	18.351	252.0	35990	4.8419	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.204	276.0	37662	5.2250	ng/ml	95
T Dibenzo(a,h)anthracene	20.278	278.0	43100	5.3177	ng/ml	96
T Benzo(g,h,i)perylene	20.538	276.0	54926	5.3760	ng/ml	96

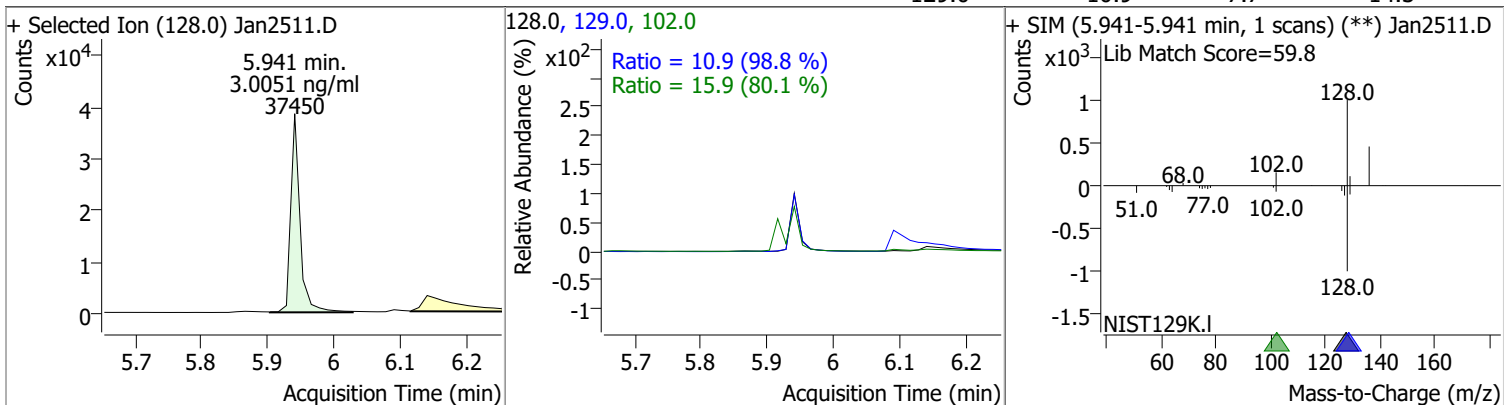
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

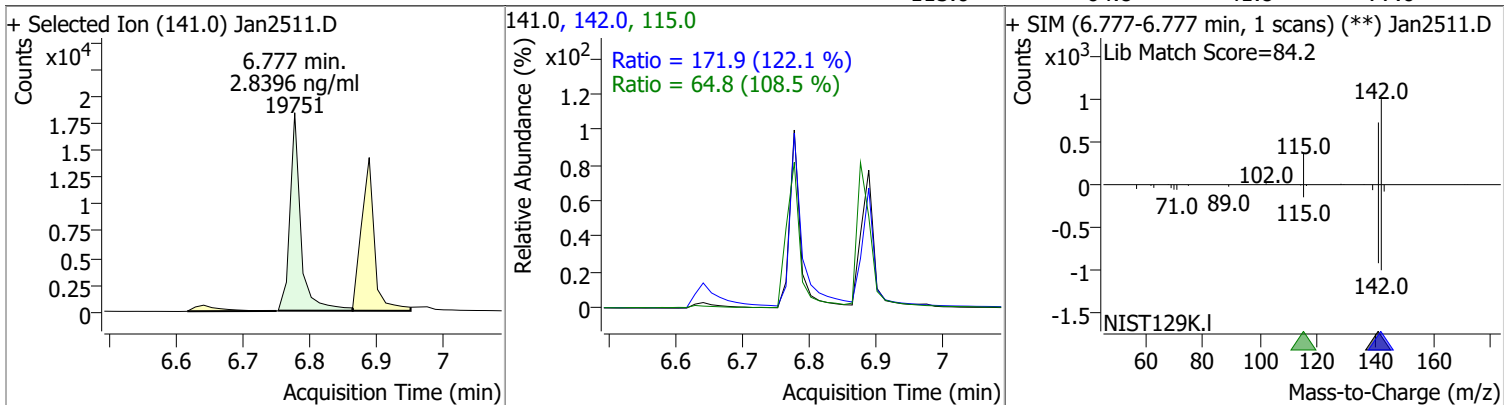
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	3.4370	5.12	-0.02	15109	54.0	46.0	25.9	48.1
					128.0	37.6	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.0051	5.94	-0.01	37450	102.0	15.9	0.0	59.6
					129.0	10.9	7.7	14.3

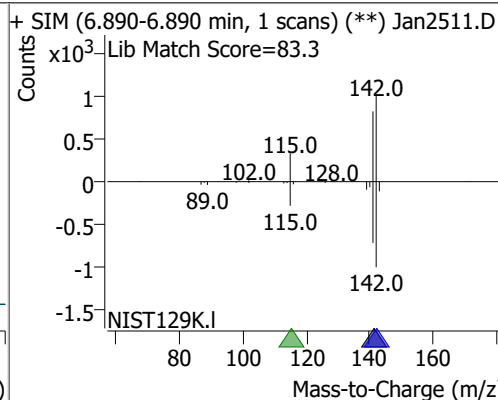
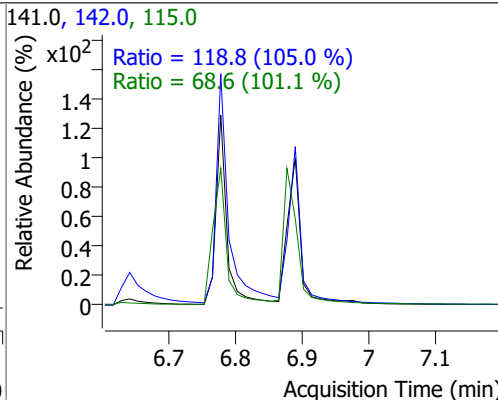
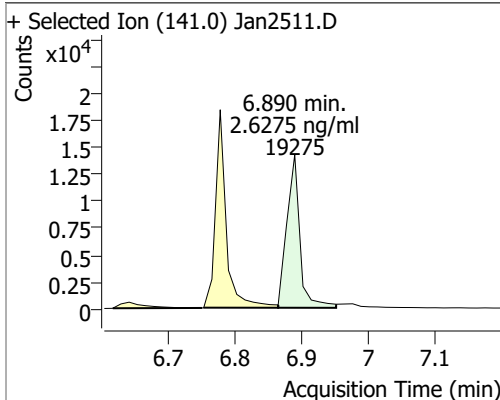


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	2.8396	6.78	-0.01	19751	142.0	171.9	98.5	183.0
					115.0	64.8	41.8	77.6

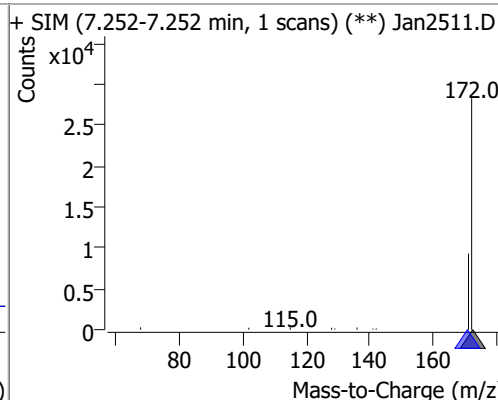
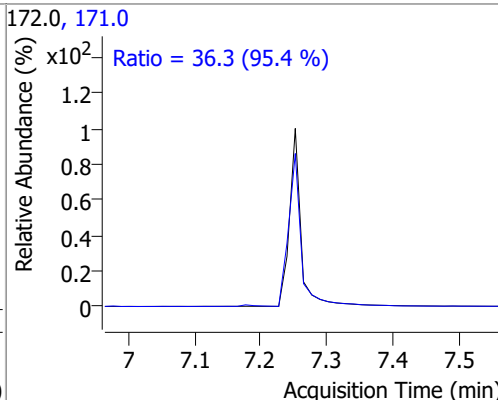
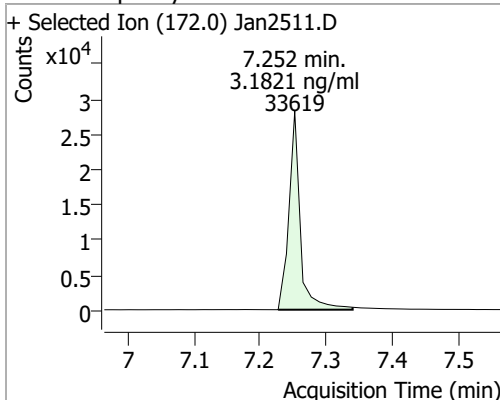


# Quantitation Results Report (QT Reviewed)

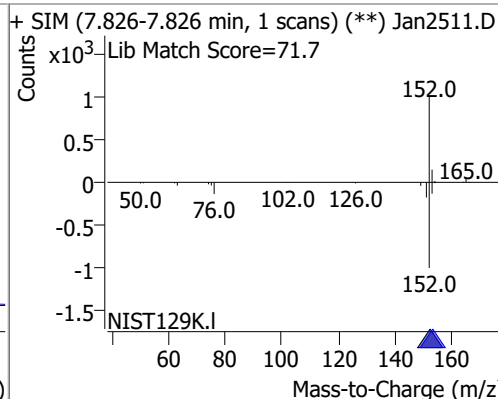
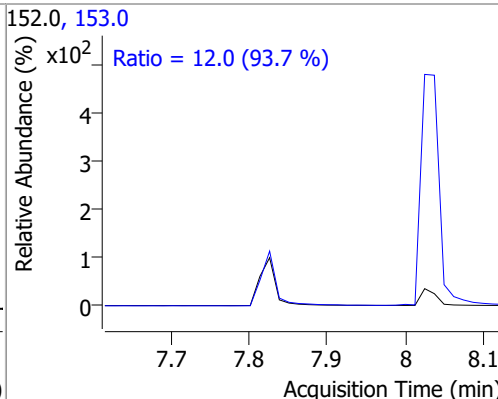
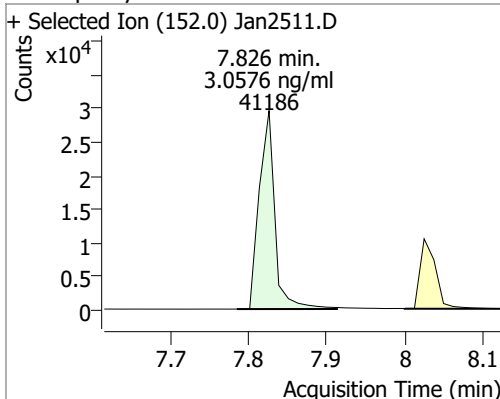
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.6275	6.89	-0.01	19275	142.0	118.8	79.2	147.1
					115.0	68.6	47.5	88.2



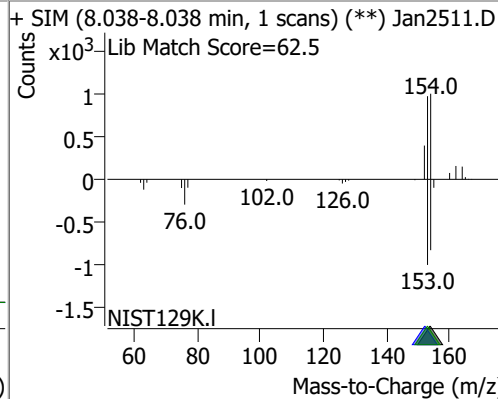
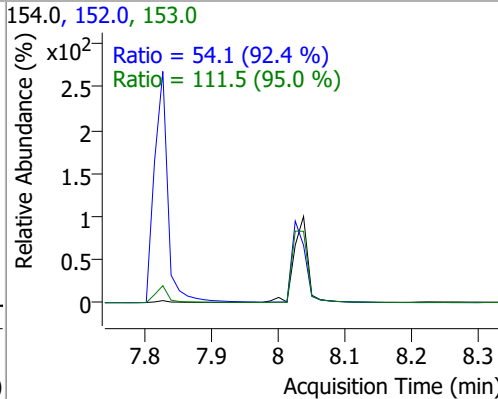
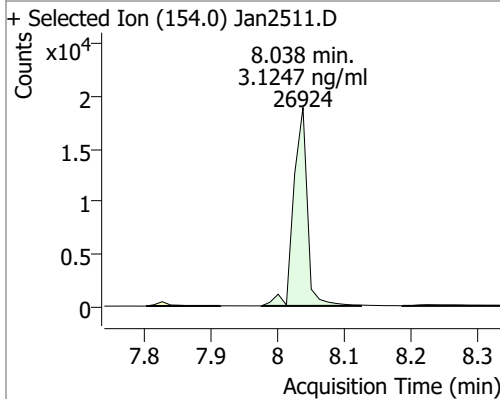
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	3.1821	7.25	-0.01	33619	171.0	36.3	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	3.0576	7.83	0.00	41186	153.0	12.0	9.0	16.6

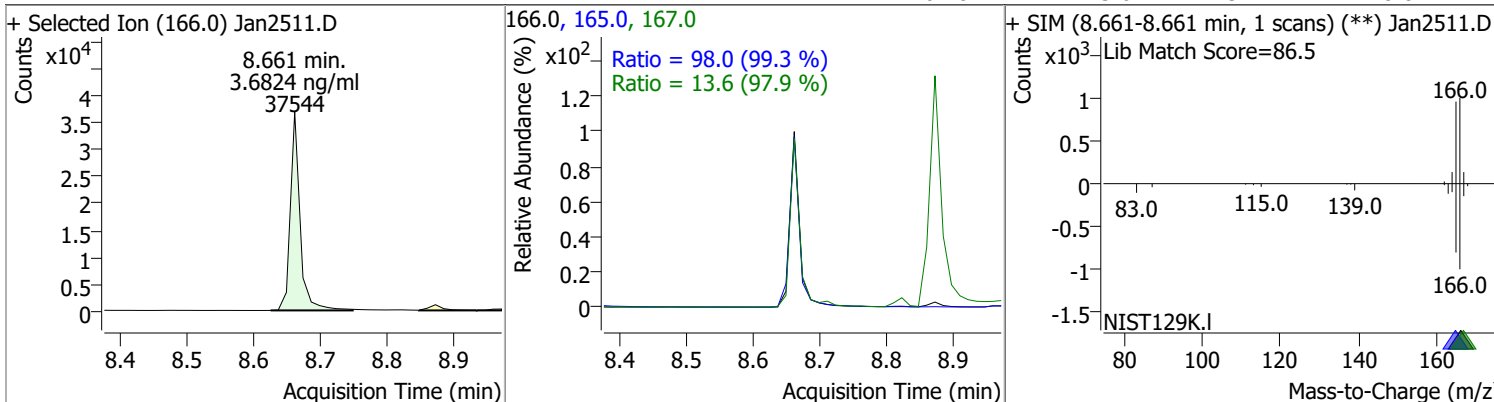


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	3.1247	8.04	0.00	26924	153.0	111.5	82.1	152.6
					152.0	54.1	41.0	76.1

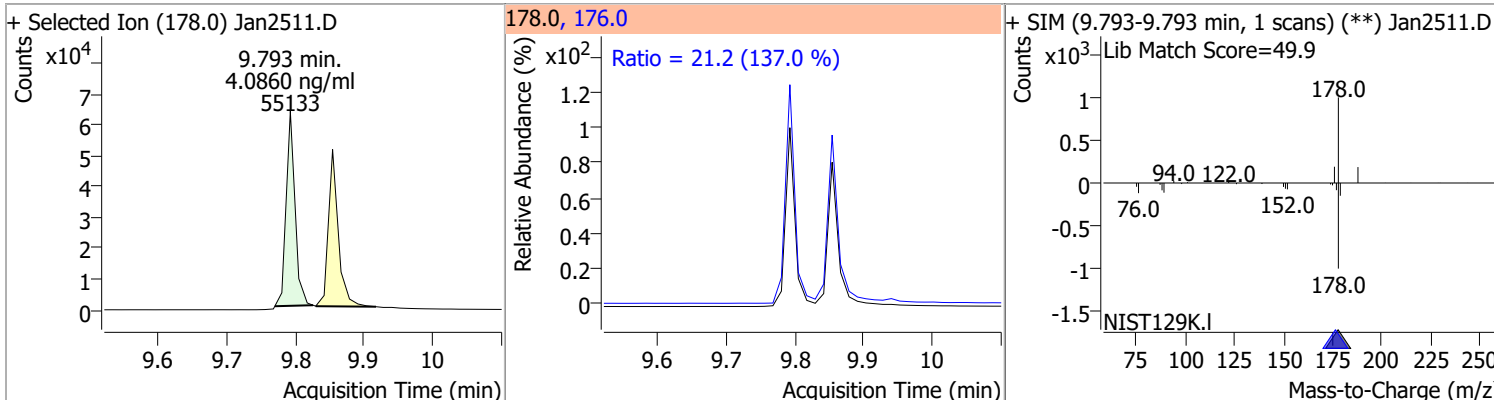


# Quantitation Results Report (QT Reviewed)

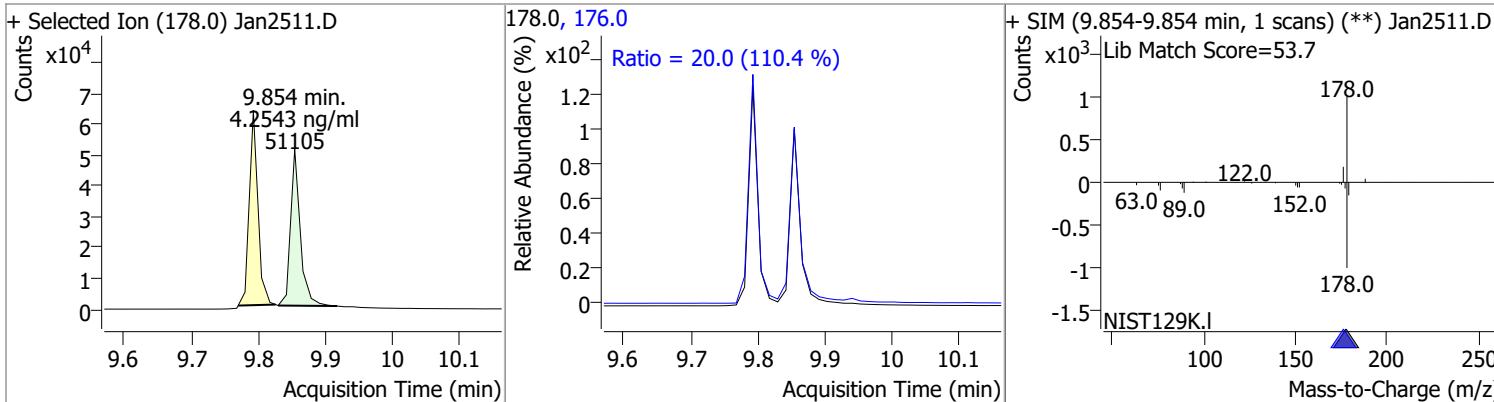
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.6824	8.66	-0.01	37544	165.0 167.0	98.0 13.6	69.1 9.7	128.3 18.0



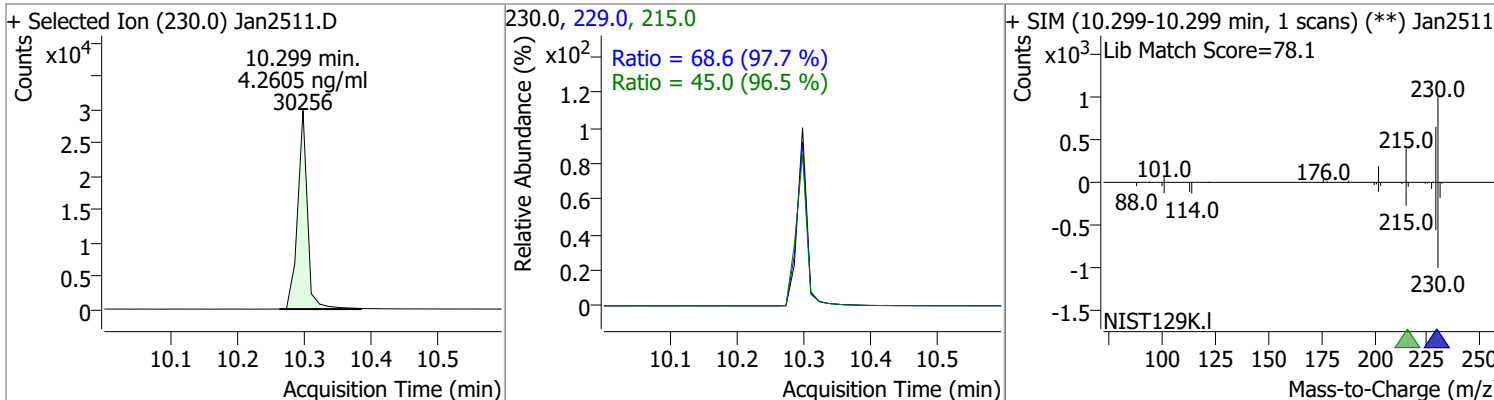
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.0860	9.79	-0.01	55133	176.0	21.2	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.2543	9.85	-0.01	51105	176.0	20.0	12.7	23.5

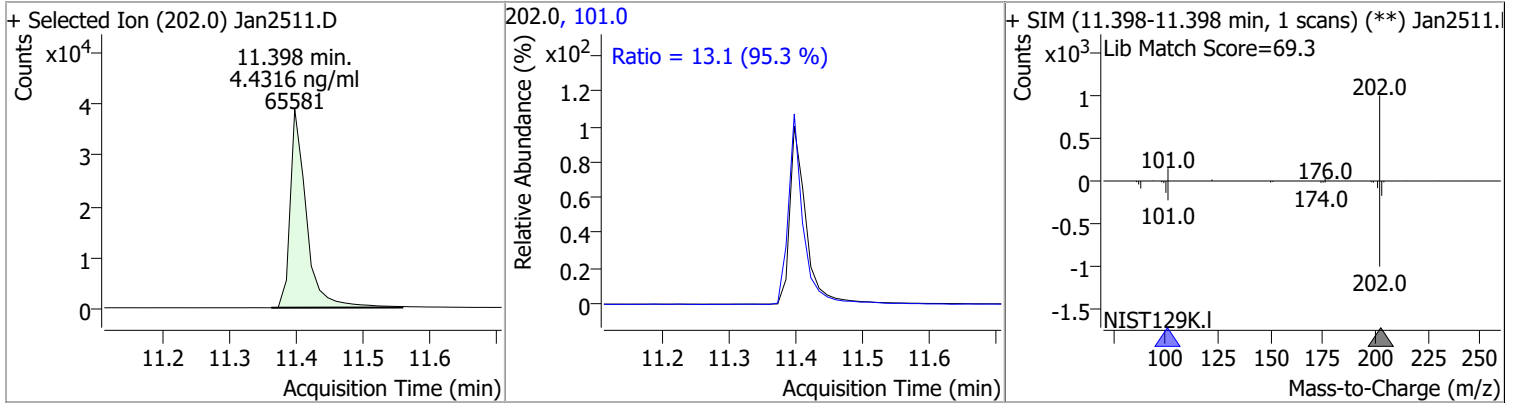


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.2605	10.30	0.00	30256	229.0 215.0	68.6 45.0	49.2 32.7	91.3 60.7

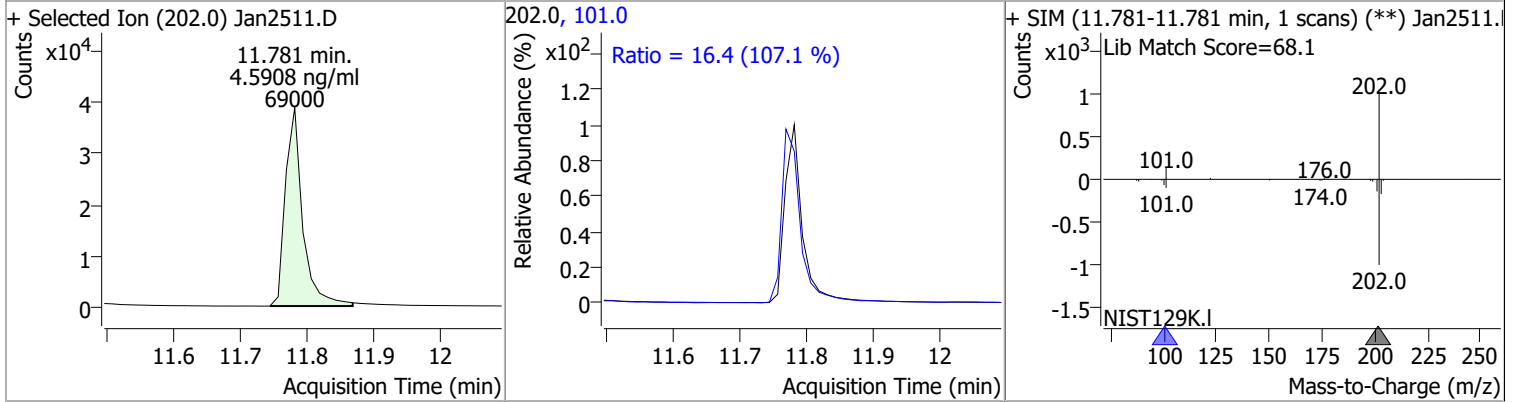


# Quantitation Results Report (QT Reviewed)

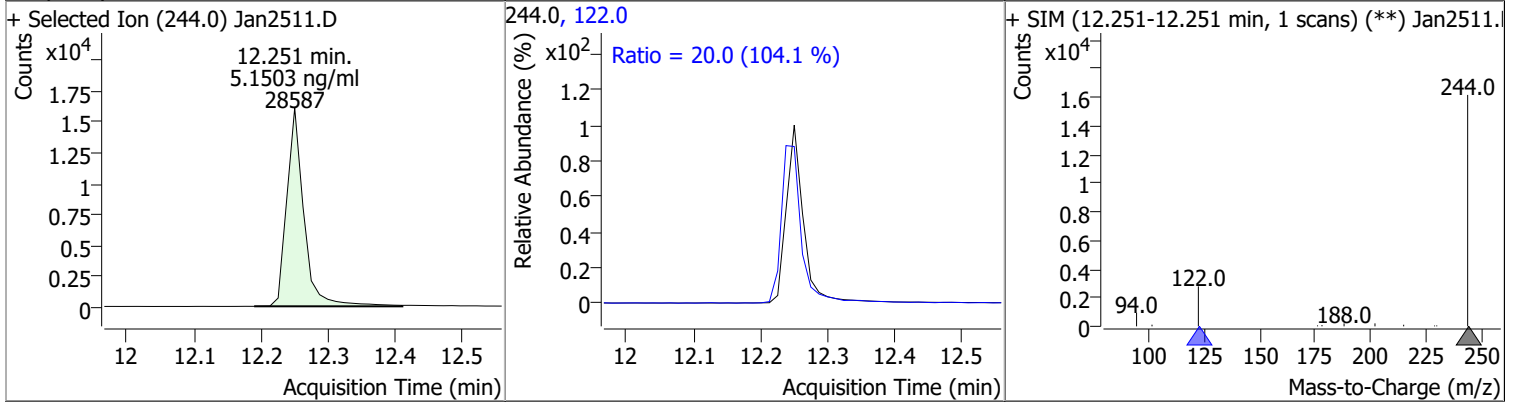
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.4316	11.40	-0.01	65581	101.0	13.1	9.6	17.9



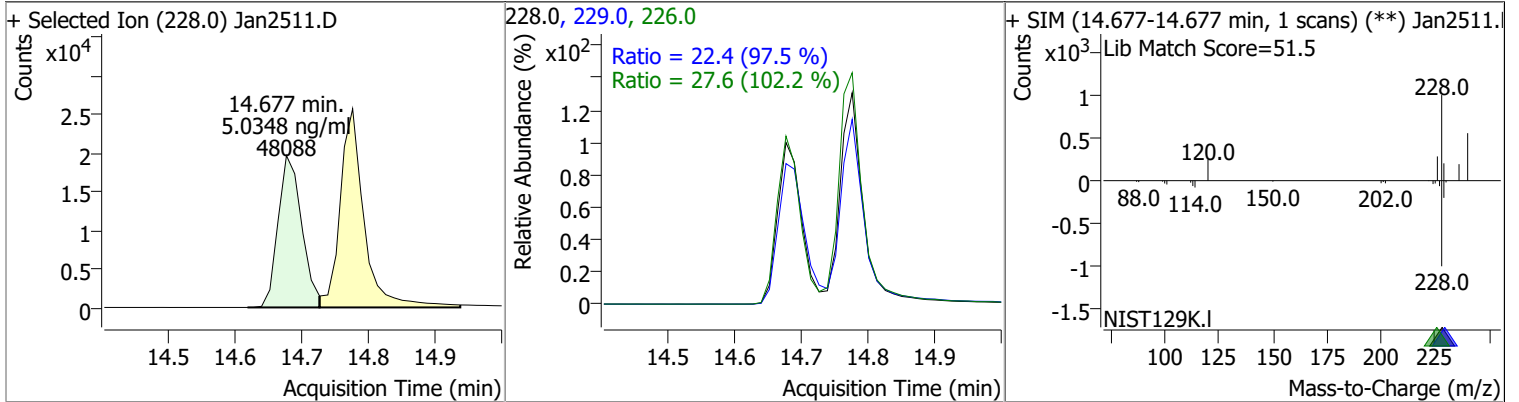
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.5908	11.78	-0.01	69000	101.0	16.4	10.7	20.0



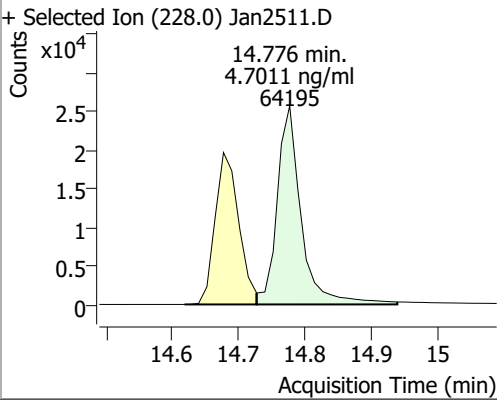
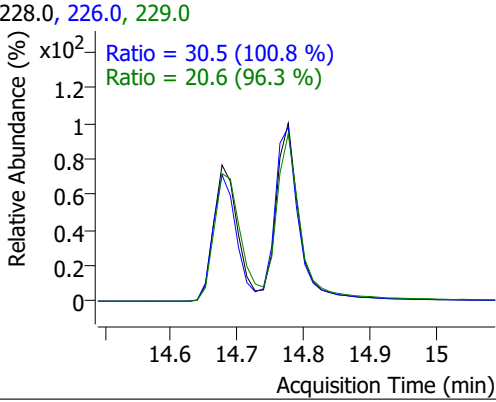
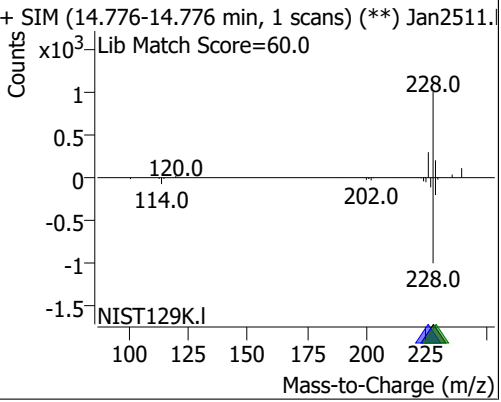
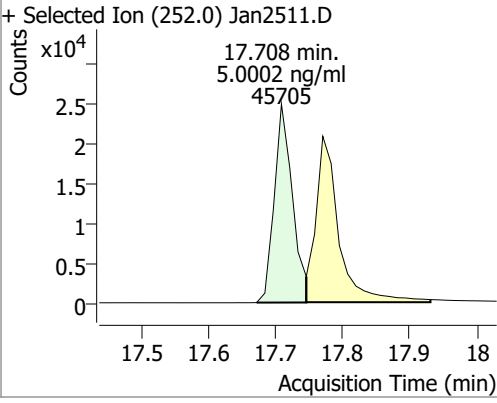
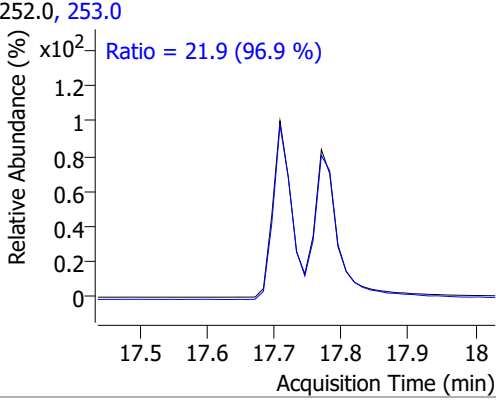
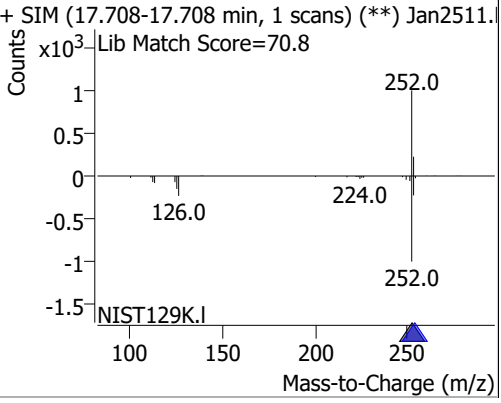
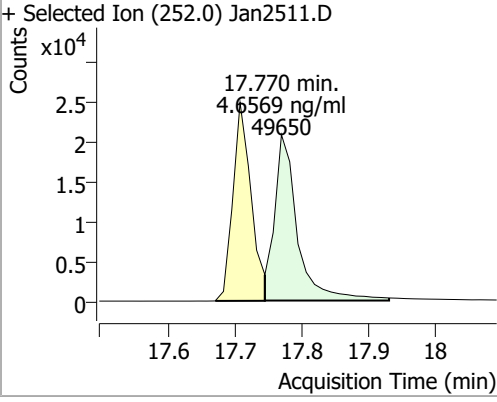
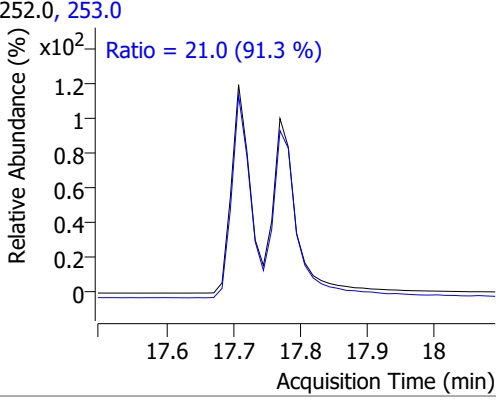
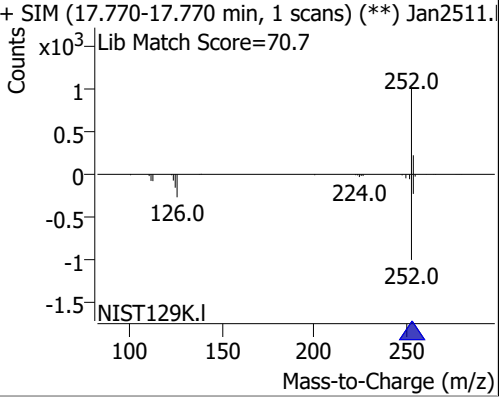
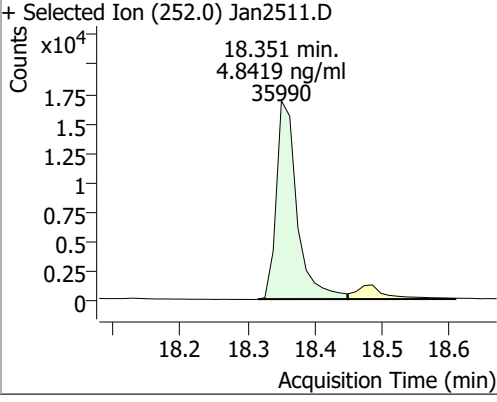
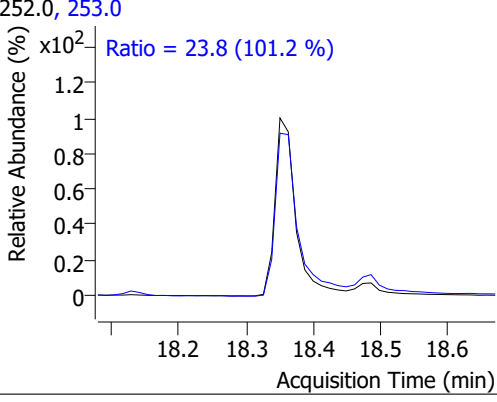
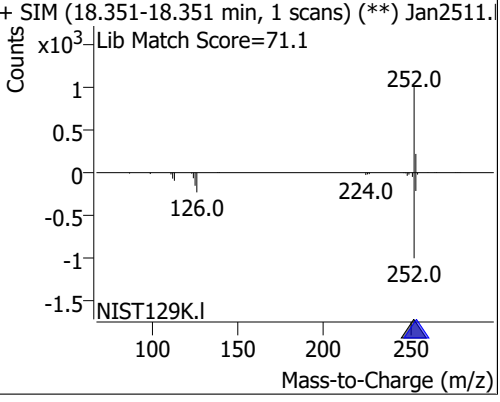
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	5.1503	12.25	-0.01	28587	122.0	20.0	13.4	25.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	5.0348	14.68	-0.02	48088	226.0	27.6	18.9	35.1
					229.0	22.4	16.1	29.9

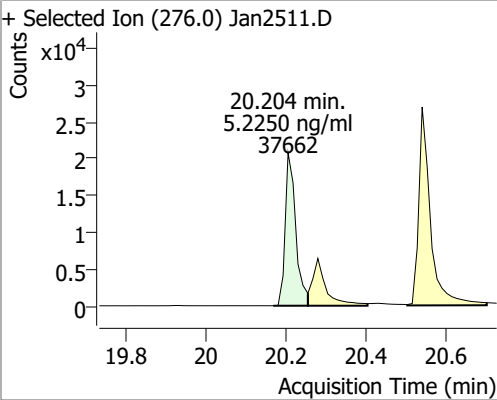
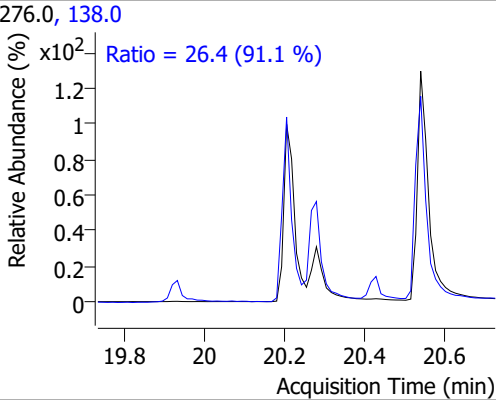
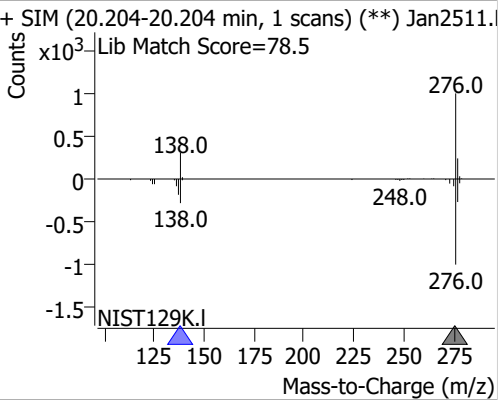
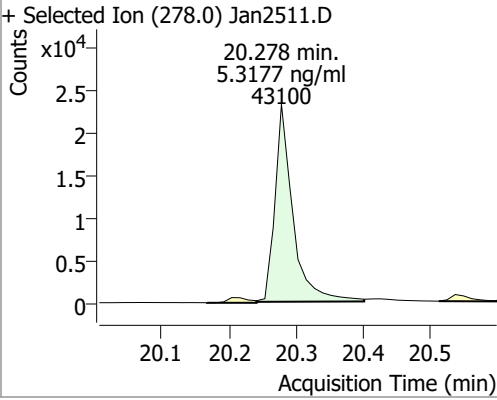
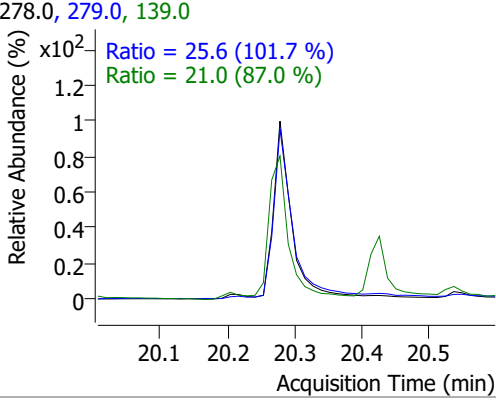
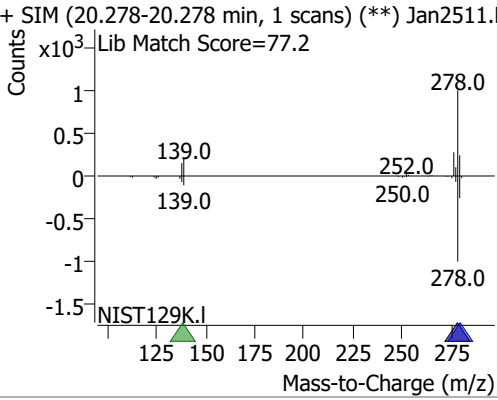
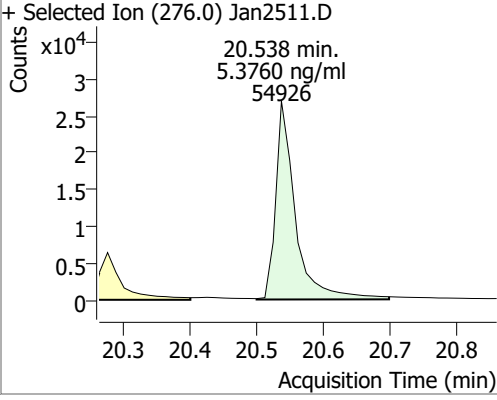
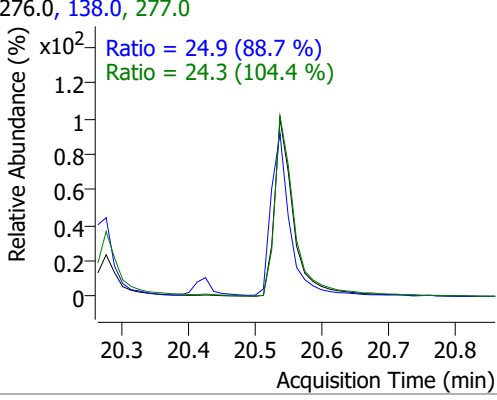
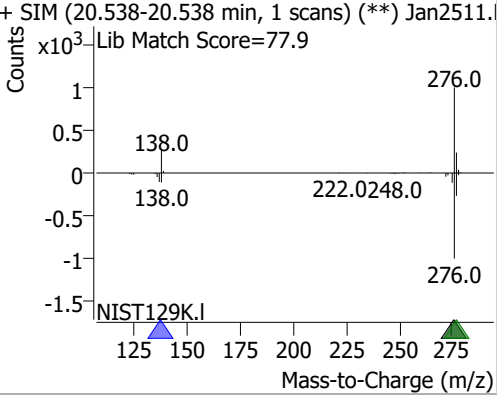


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	4.7011	14.78	-0.01	64195	226.0 229.0	30.5 20.6	21.2 15.0	39.4 27.8
+ Selected Ion (228.0) Jan2511.D 			228.0, 226.0, 229.0 			+ SIM (14.776-14.776 min, 1 scans) (**) Jan2511.1 Lib Match Score=60.0 		
Benzo(b)fluoranthene	5.0002	17.71	-0.02	45705	253.0	21.9	15.8	29.4
+ Selected Ion (252.0) Jan2511.D 			252.0, 253.0 			+ SIM (17.708-17.708 min, 1 scans) (**) Jan2511.1 Lib Match Score=70.8 		
Benzo(k)fluoranthene	4.6569	17.77	-0.02	49650	253.0	21.0	16.1	29.9
+ Selected Ion (252.0) Jan2511.D 			252.0, 253.0 			+ SIM (17.770-17.770 min, 1 scans) (**) Jan2511.1 Lib Match Score=70.7 		
Benzo(a)pyrene	4.8419	18.35	-0.02	35990	253.0	23.8	16.5	30.6
+ Selected Ion (252.0) Jan2511.D 			252.0, 253.0 			+ SIM (18.351-18.351 min, 1 scans) (**) Jan2511.1 Lib Match Score=71.1 		



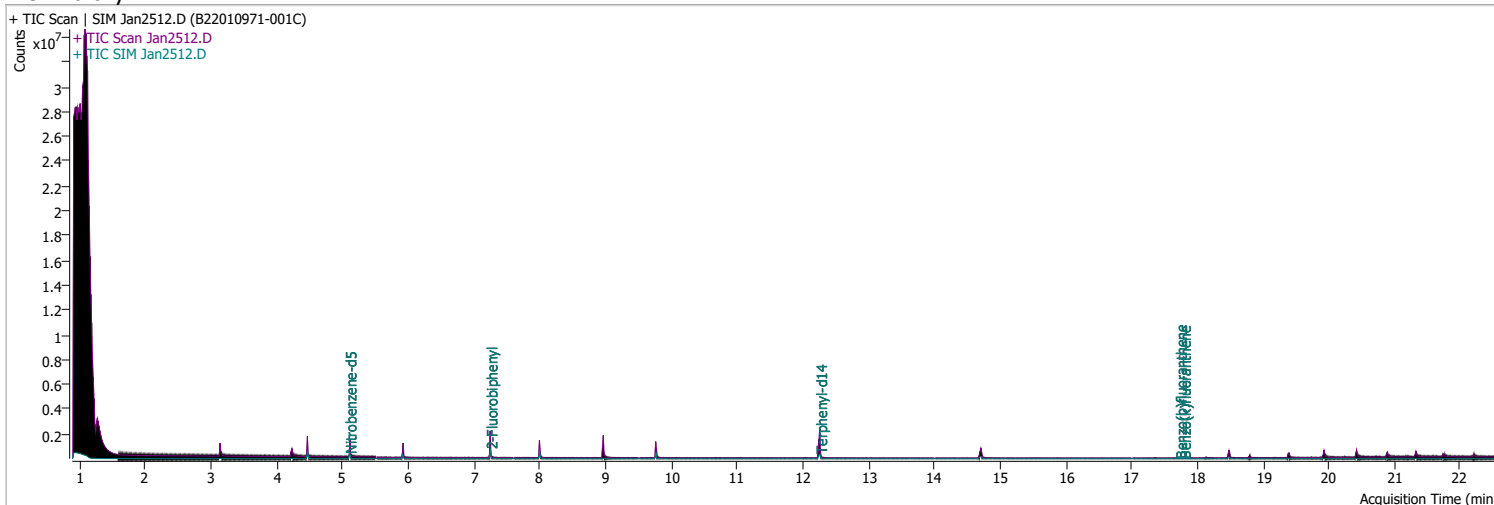
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	5.2250	20.20	-0.02	37662	138.0	26.4	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2511.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 26.4 (91.1 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan2511.D</p> <p>Lib Match Score=78.5</p>  </div> </div>								
Dibenzo(a,h)anthracene	5.3177	20.28	-0.02	43100	279.0	25.6	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2511.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 25.6 (101.7 %)</p> <p>Ratio = 21.0 (87.0 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.278-20.278 min, 1 scans) (**) Jan2511.D</p> <p>Lib Match Score=77.2</p>  </div> </div>								
Benzo(g,h,i)perylene	5.3760	20.54	-0.02	54926	138.0	24.9	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2511.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 24.9 (88.7 %)</p> <p>Ratio = 24.3 (104.4 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan2511.D</p> <p>Lib Match Score=77.9</p>  </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan2512.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 4:29:10 PM
Sample Name	B22010971-001C	Instrument	GCMS
Vial	12	Multiplier	1.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	214192	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	347188	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.001	164.0	214046	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	427616	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	290827	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	188169	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	380103	34.4915	ng/ml	-0.037
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 689.83%	*	
S 2-Fluorobiphenyl	7.252	172.0	567584	55.1668	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1103.34%	*	
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.263	244.0	549085	71.3055	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1426.11%	*	
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.038	154.0	0		ng/ml	md 1
T Fluorene	8.960	166.0	0		ng/ml	md 1
T Phenanthrene	0.000		0	N.D.		
T Anthracene	9.854	178.0	0		ng/ml	md 1
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.702	228.0	0		ng/ml	md 1
T Chrysene	14.776	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	17.733	252.0	271	0.0320	ng/ml	m 94

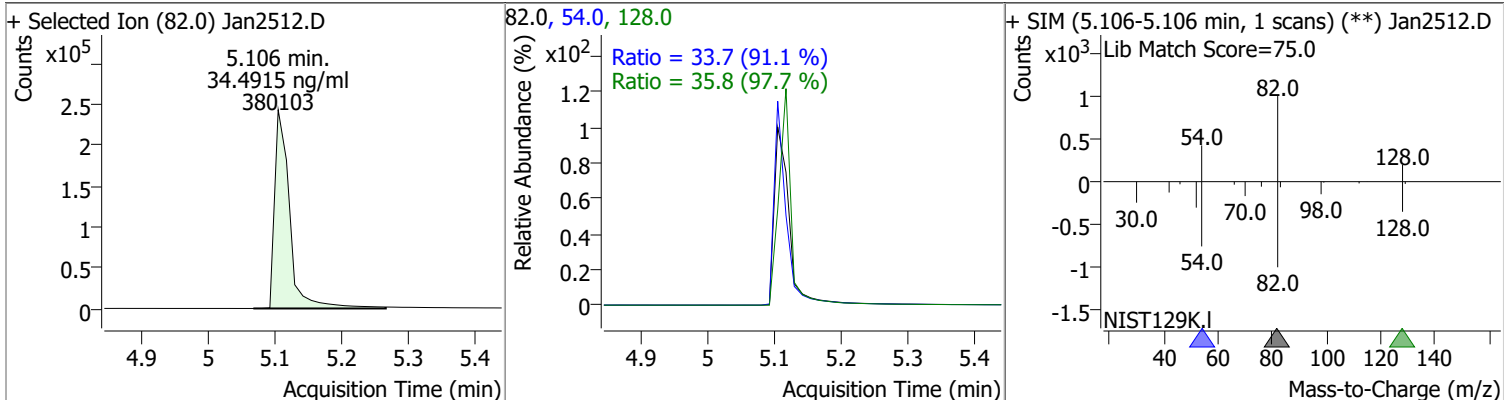
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.795	252.0	394	0.0299	ng/ml	94
T Benzo(a)pyrene	18.376	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	20.229	276.0	0		ng/ml	md 1
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

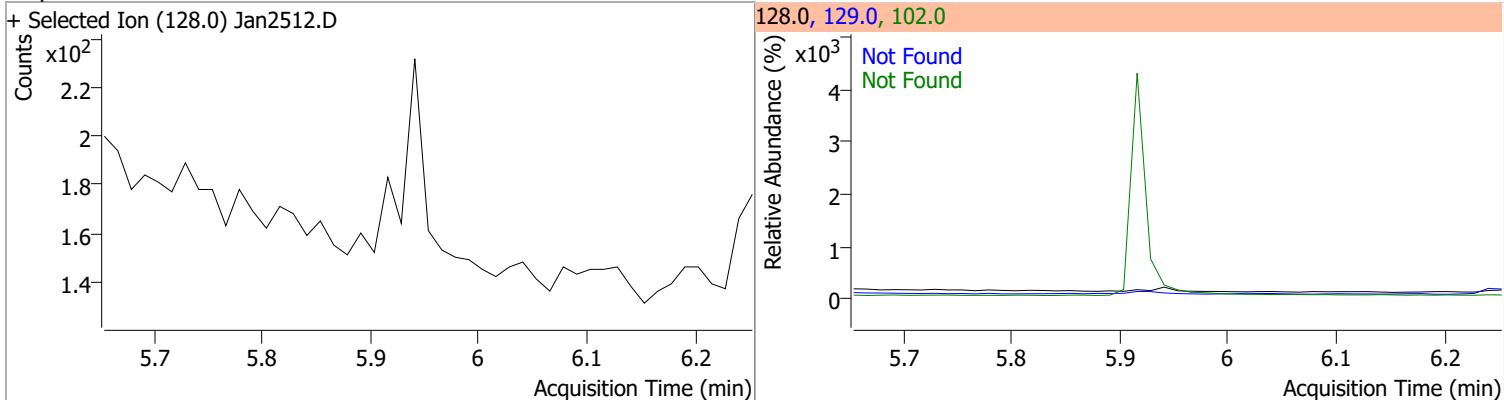
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

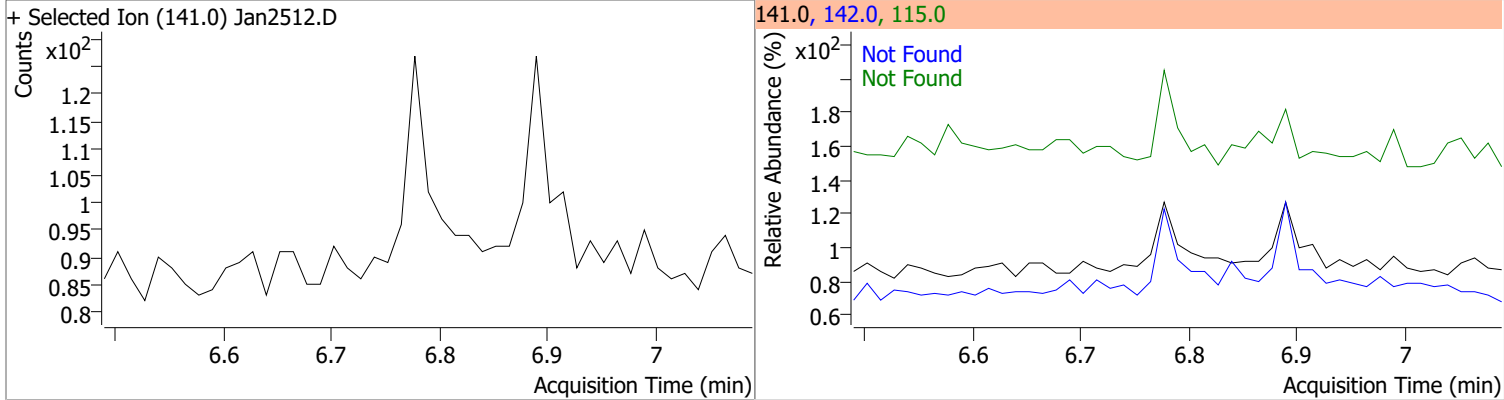
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	34.4915	5.11	-0.04	380103	54.0	33.7	25.9	48.1
					128.0	35.8	25.6	47.6



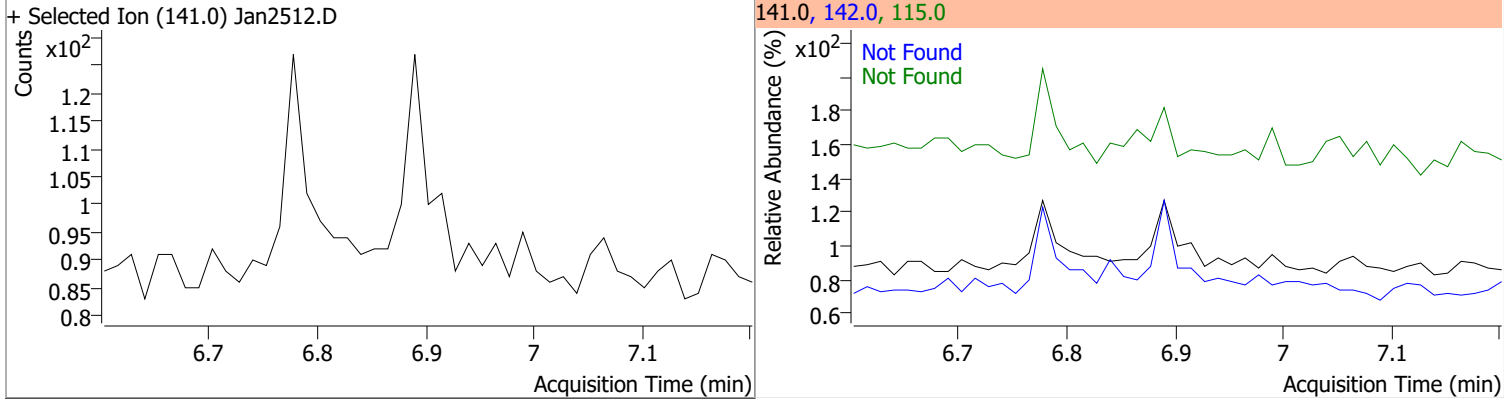
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



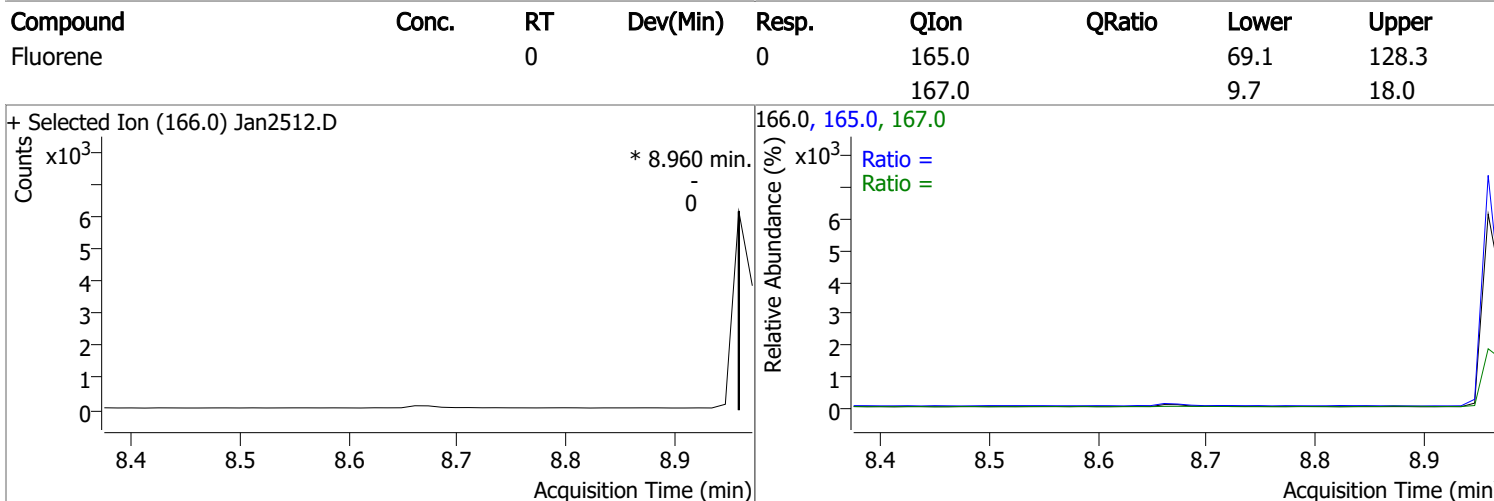
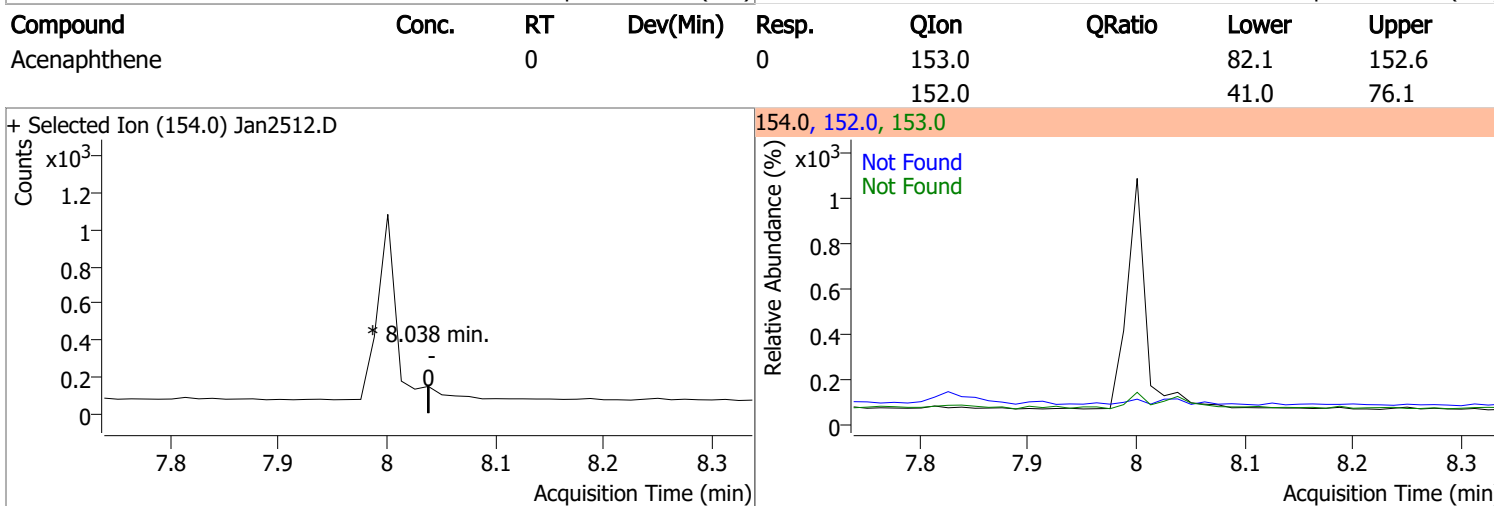
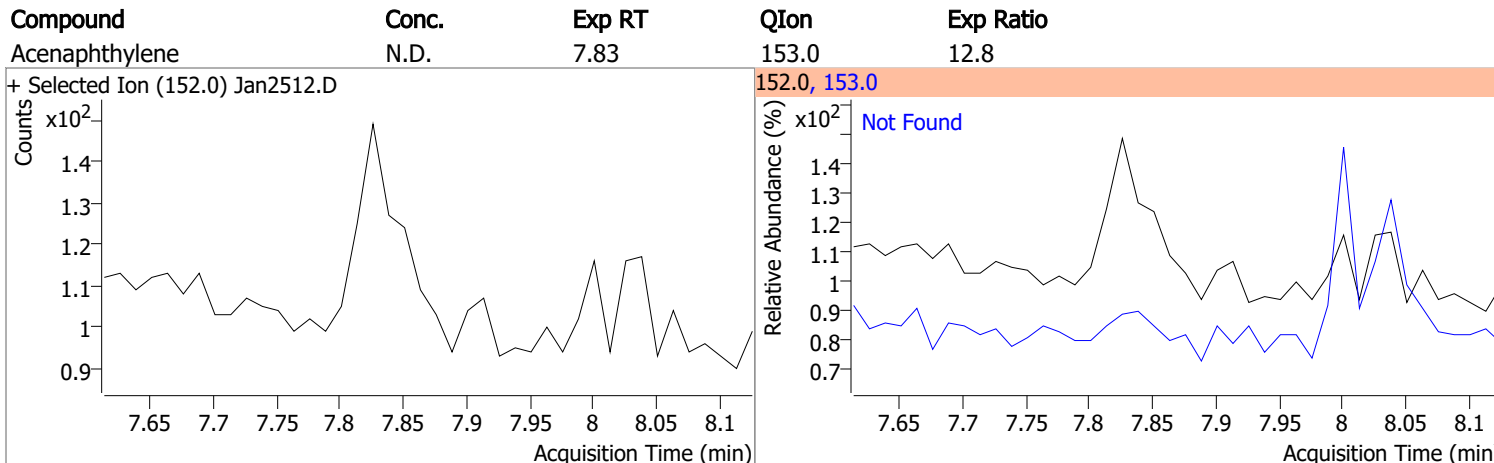
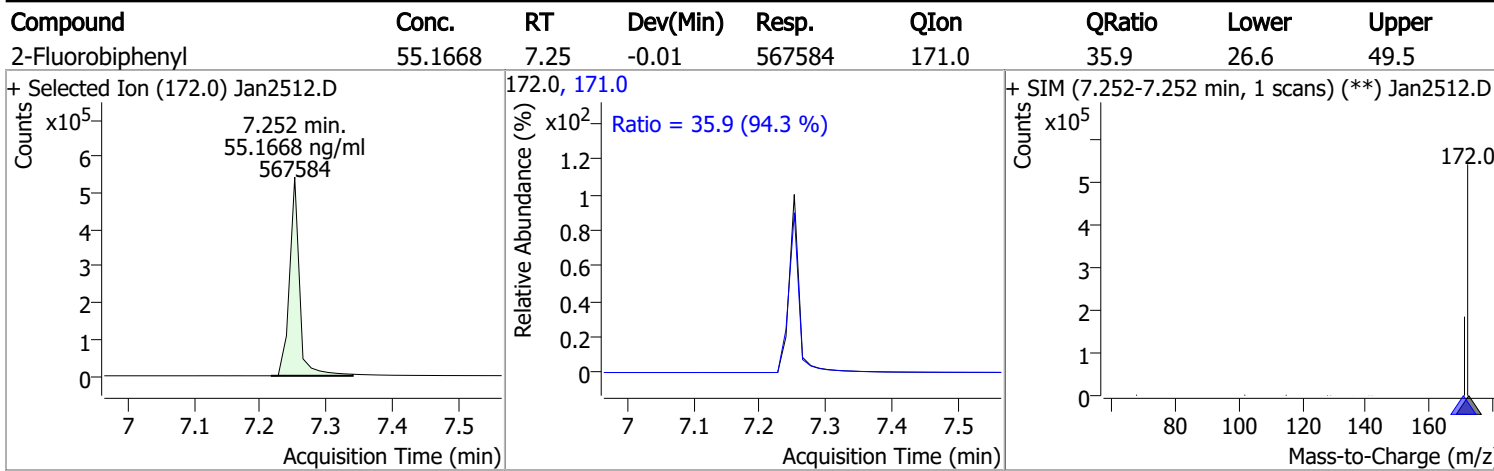
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

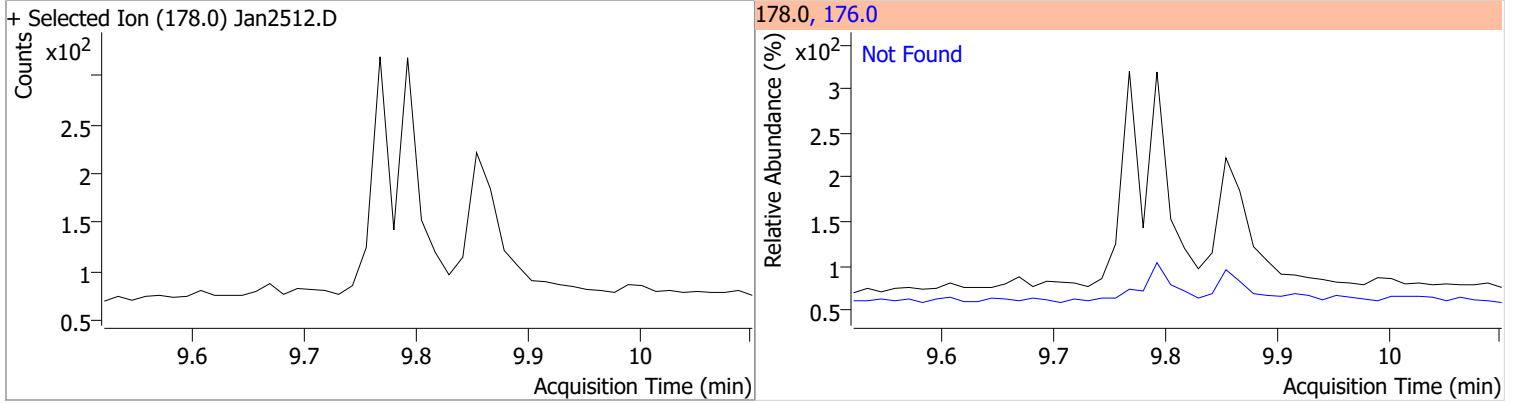


# Quantitation Results Report (QT Reviewed)

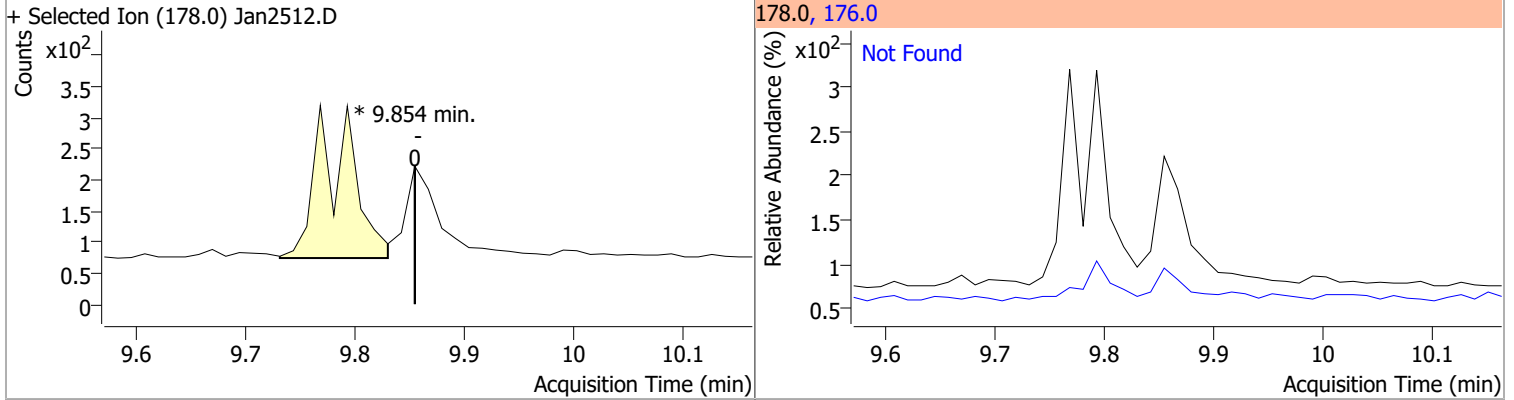


# Quantitation Results Report (QT Reviewed)

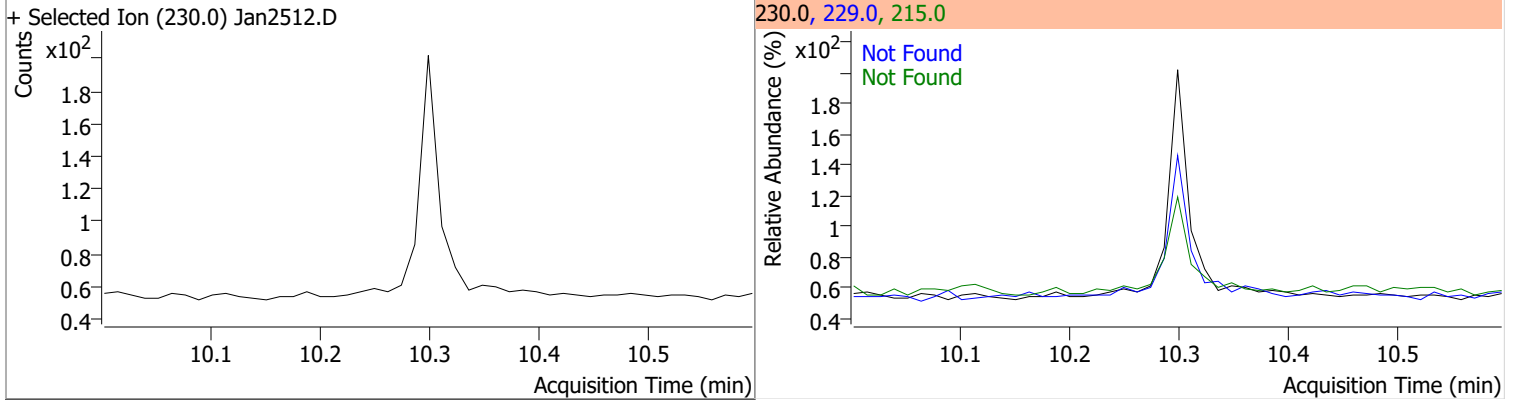
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



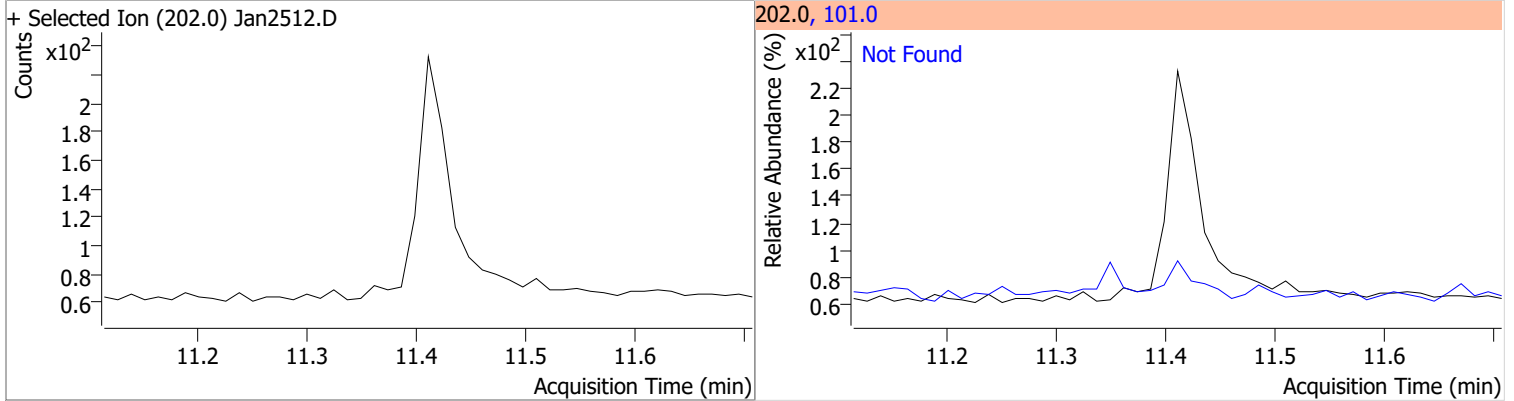
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene		0		0	176.0		12.7	23.5



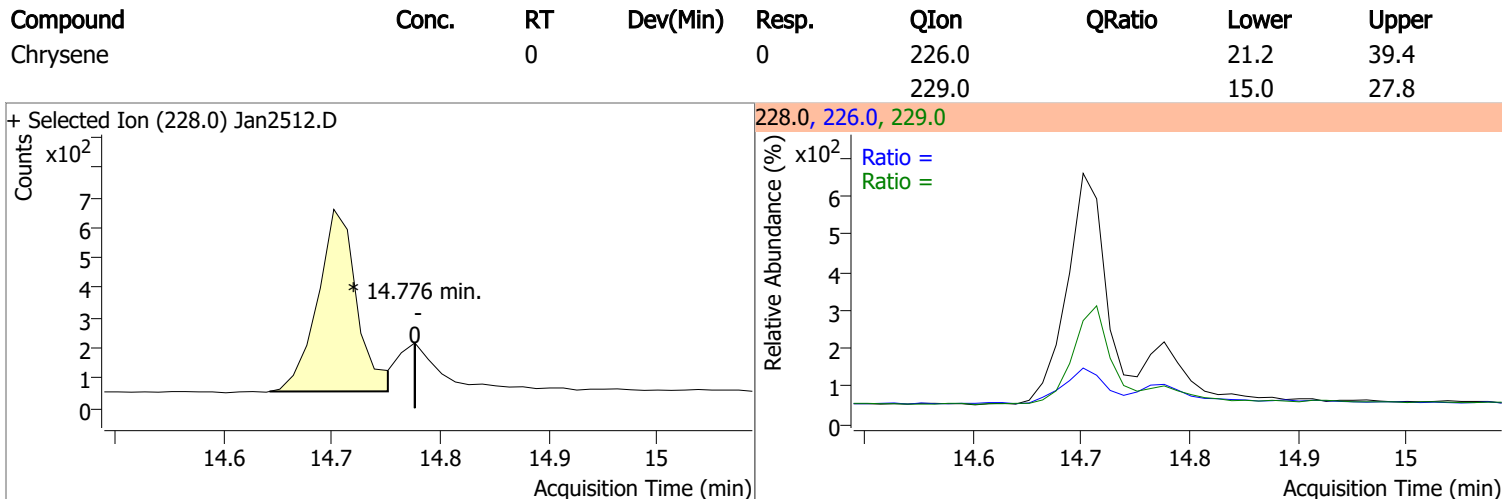
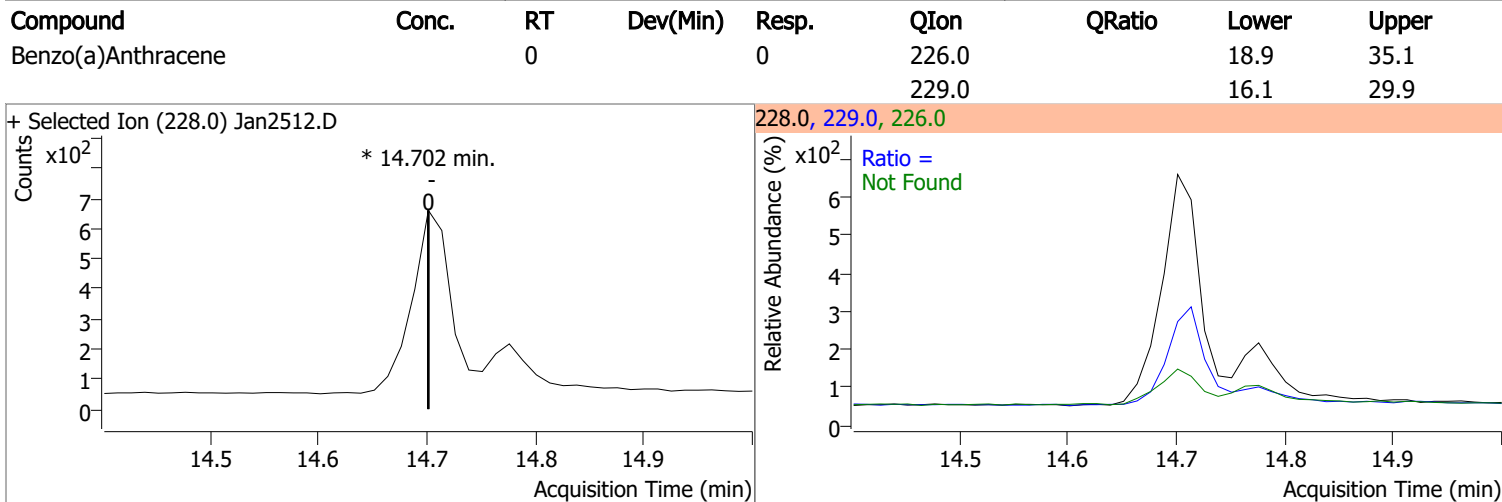
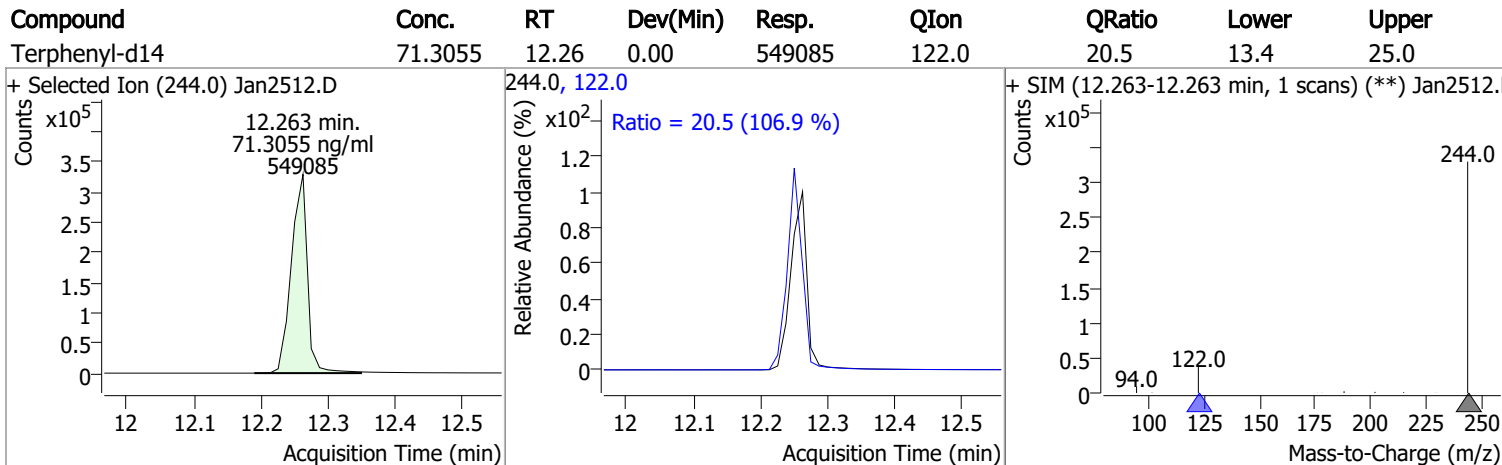
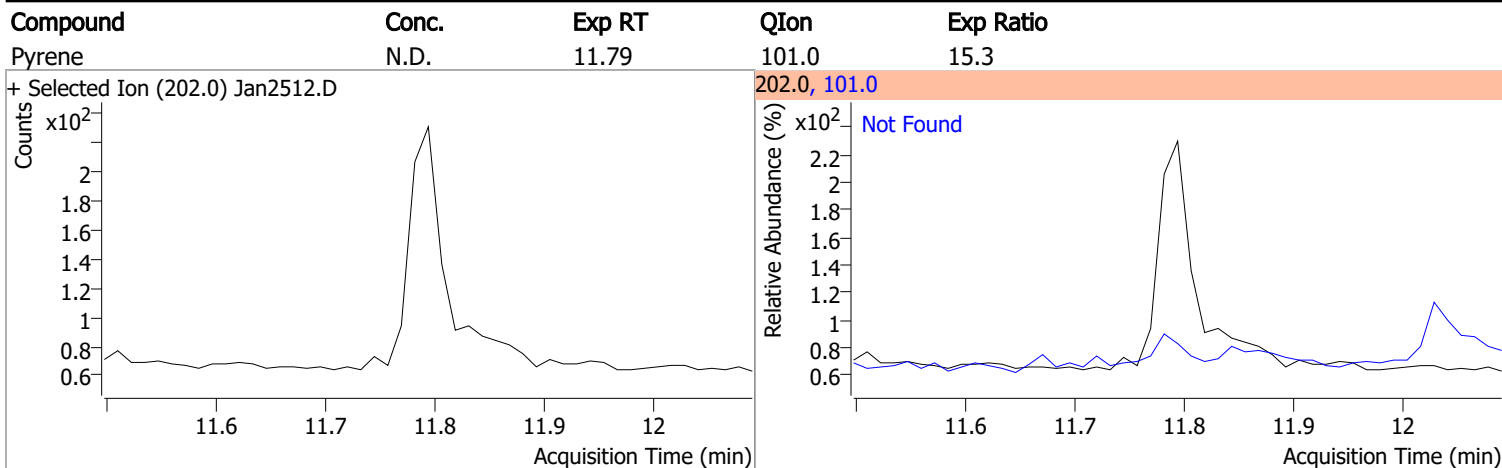
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	70.2	215.0	46.7



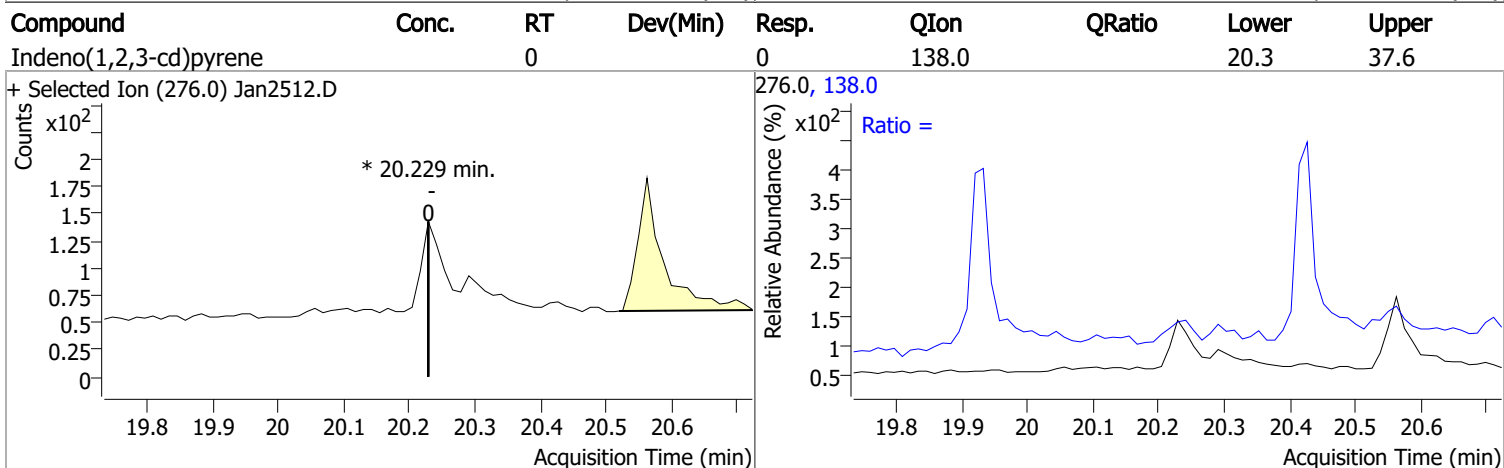
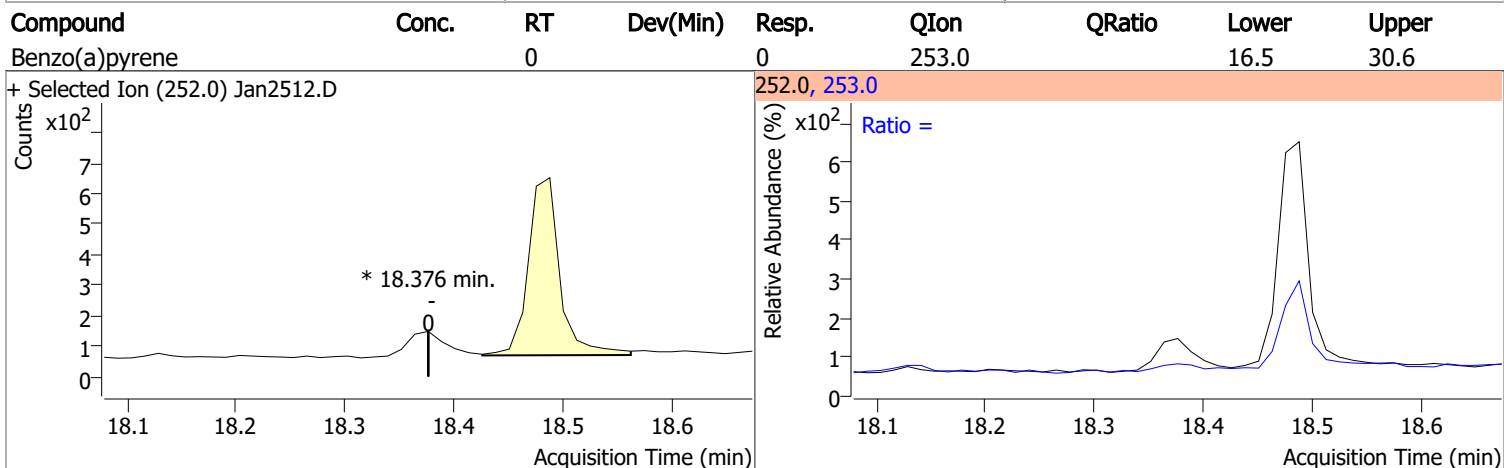
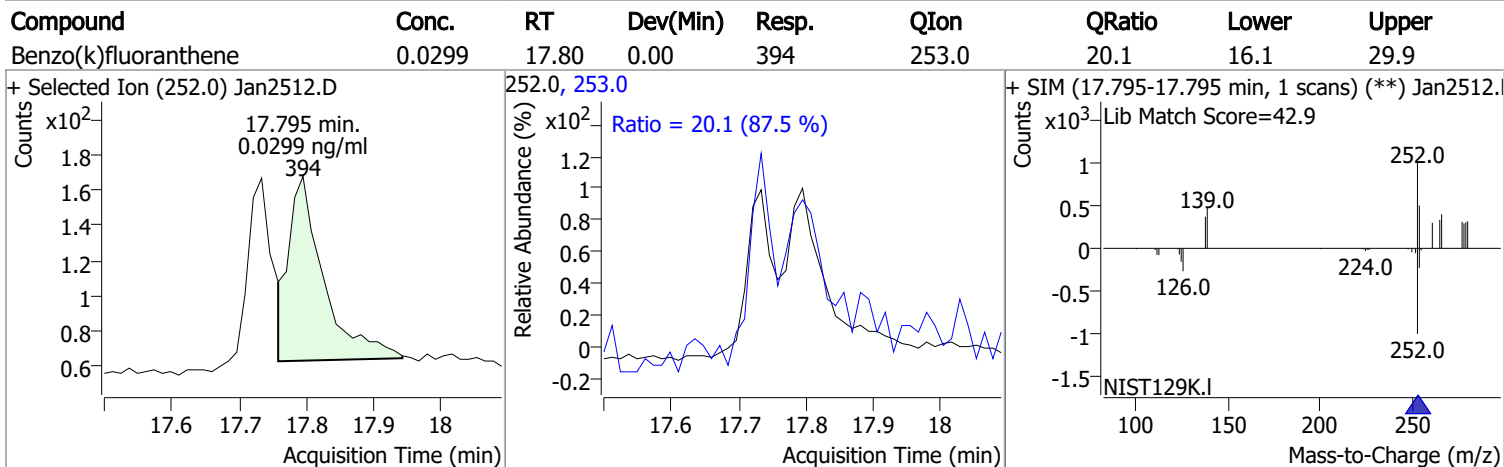
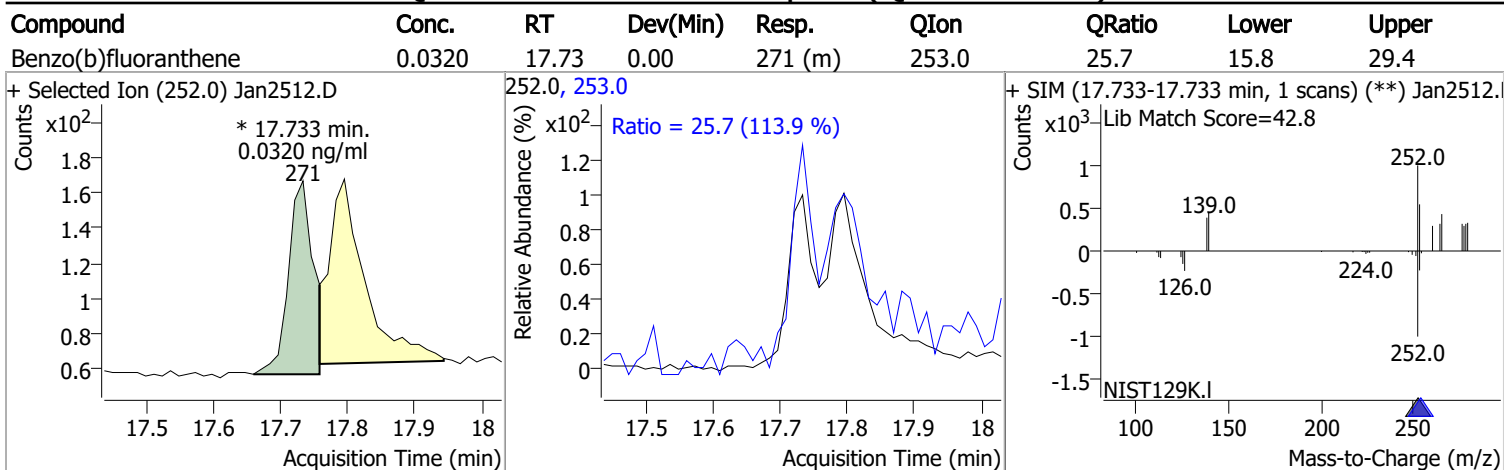
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8



# Quantitation Results Report (QT Reviewed)



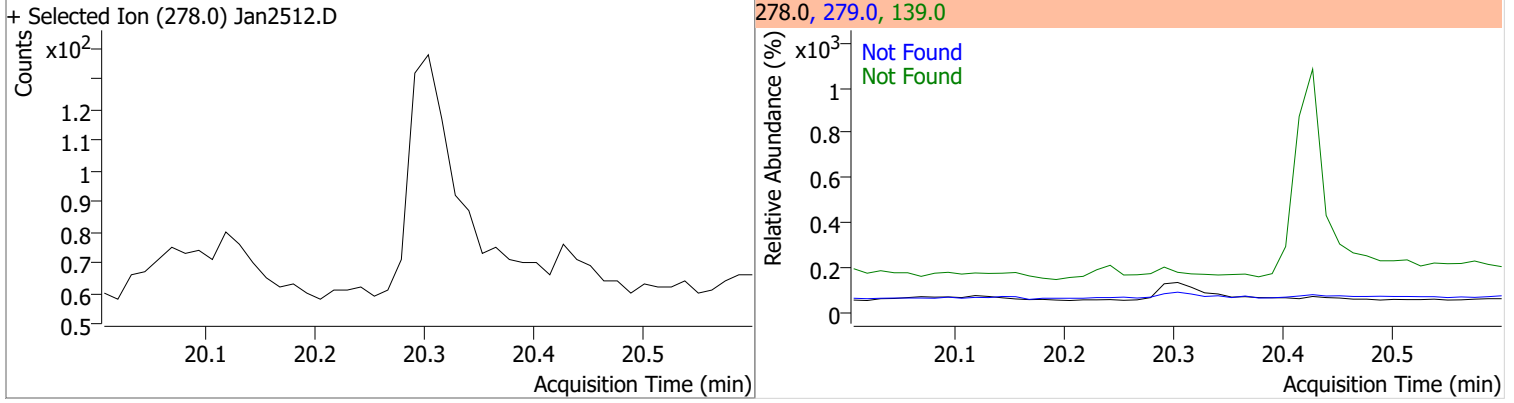
# Quantitation Results Report (QT Reviewed)



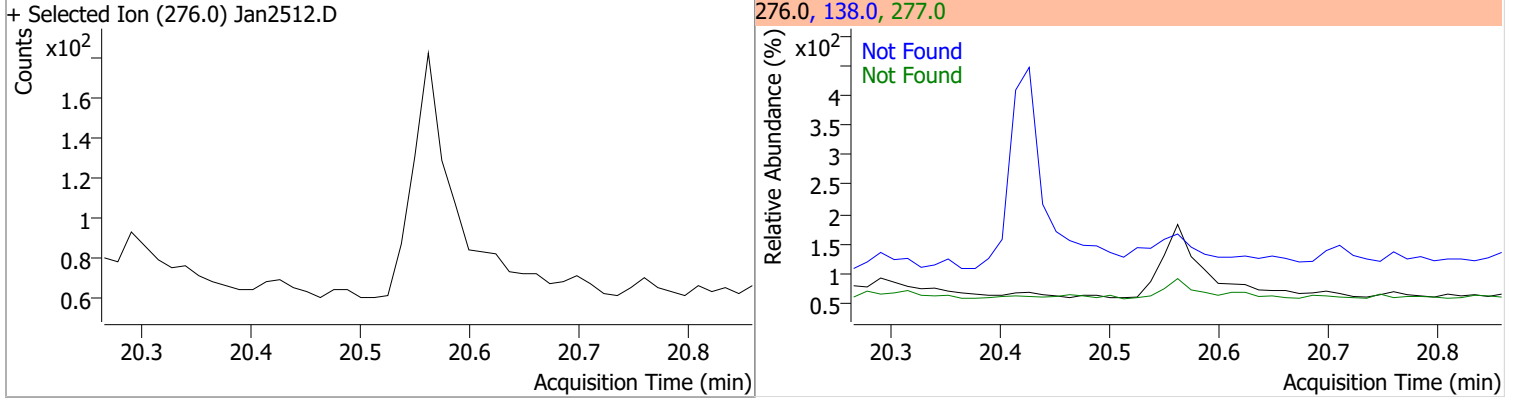


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



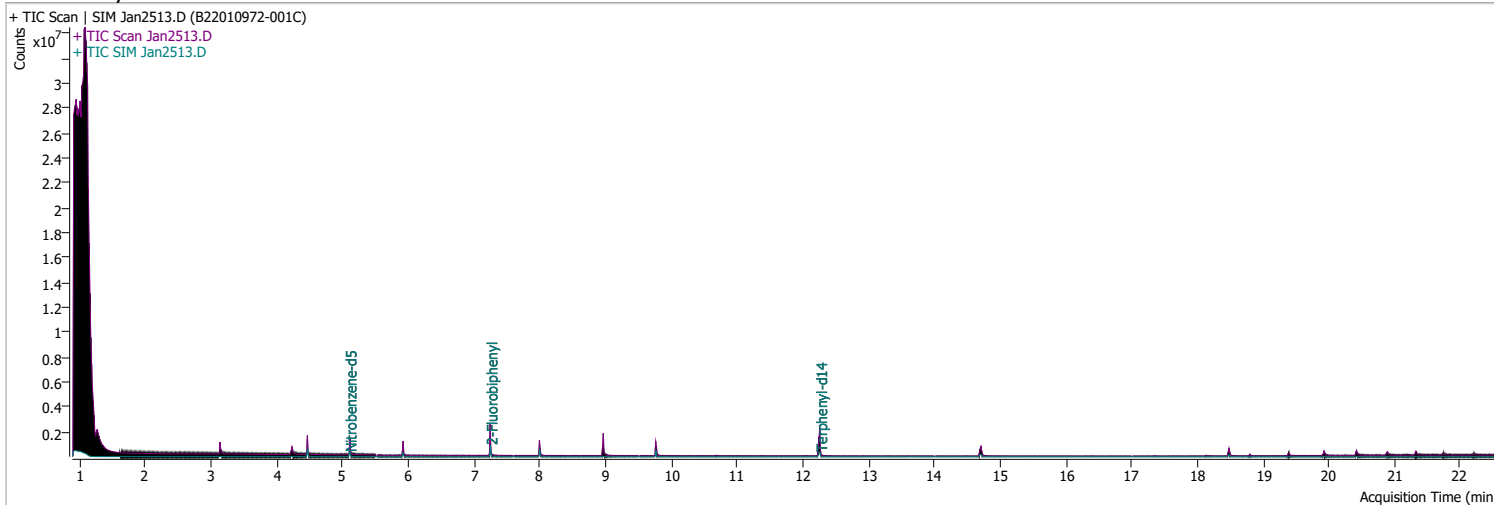
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3



# Quantitation Results Report (QT Reviewed)

Data File	Jan2513.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 5:01:42 PM
Sample Name	B22010972-001C	Instrument	GCMS
Vial	13	Multiplier	1.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	208516	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	354689	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.000	164.0	204203	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	408039	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	288286	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	185941	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	372713	34.6414	ng/ml	-0.037
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 692.83%		*
S 2-Fluorobiphenyl	7.252	172.0	666881	67.9423	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1358.85%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.263	244.0	554749	72.3365	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1446.73%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.000	154.0	0		ng/ml	md 1
T Fluorene	8.960	166.0	0		ng/ml	md 1
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.701	228.0	0		ng/ml	md 1
T Chrysene	14.776	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	0.000		0	N.D.		

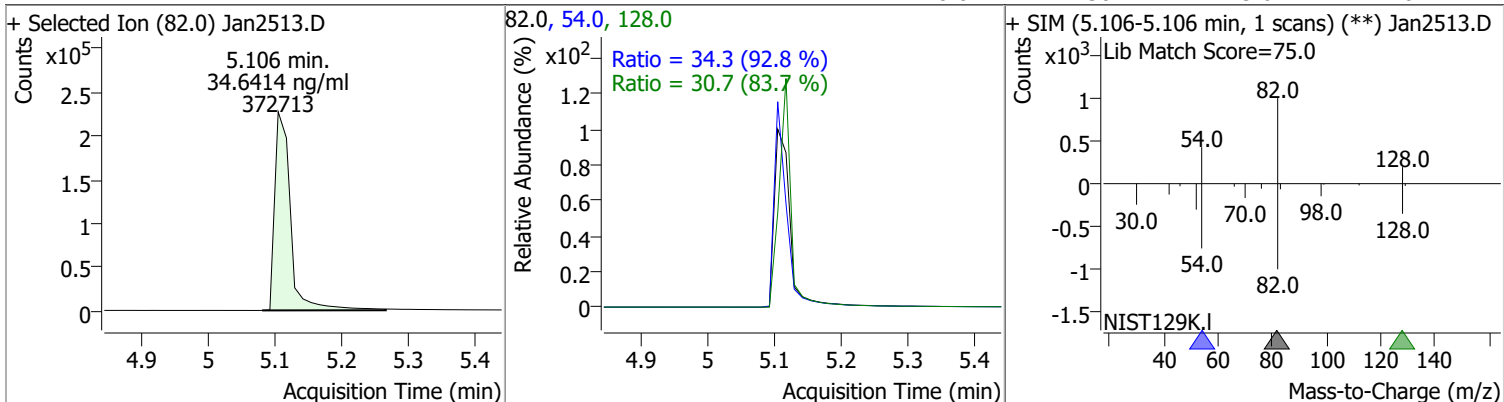
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.376	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	20.229	276.0	0		ng/ml	md 1
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

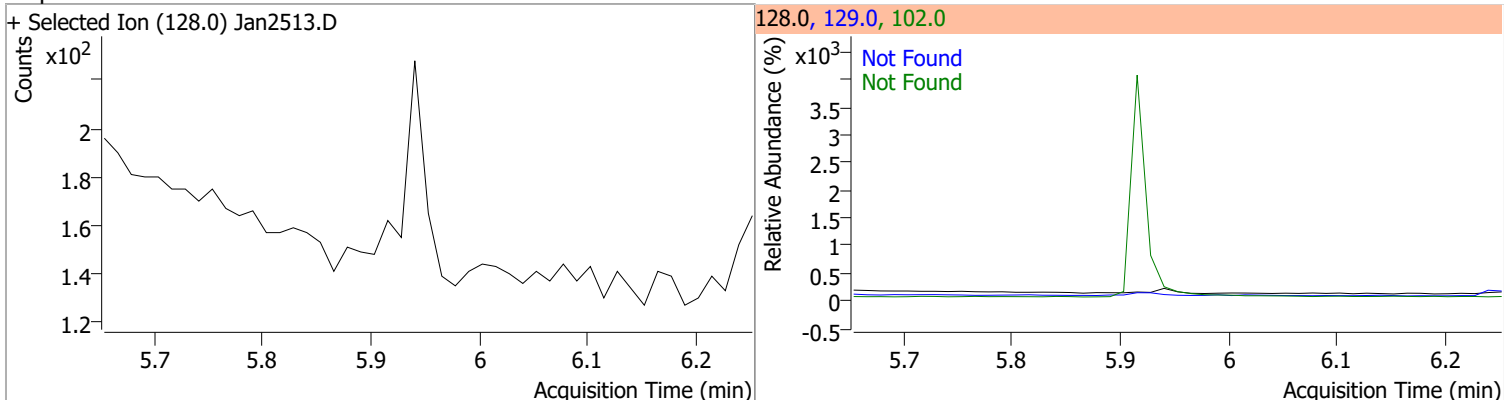
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

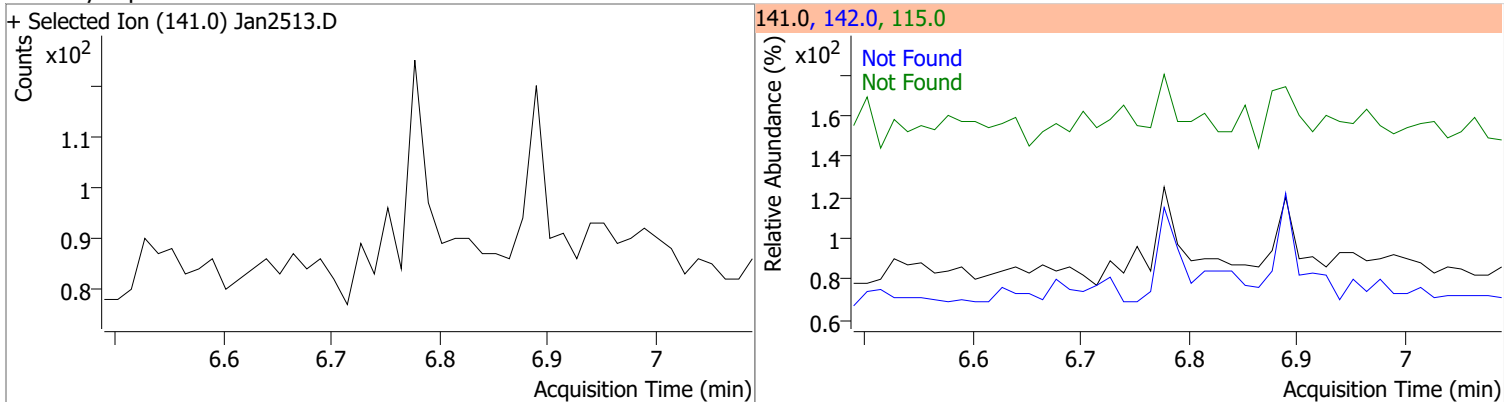
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	34.6414	5.11	-0.04	372713	54.0	34.3	25.9	48.1
					128.0	30.7	25.6	47.6



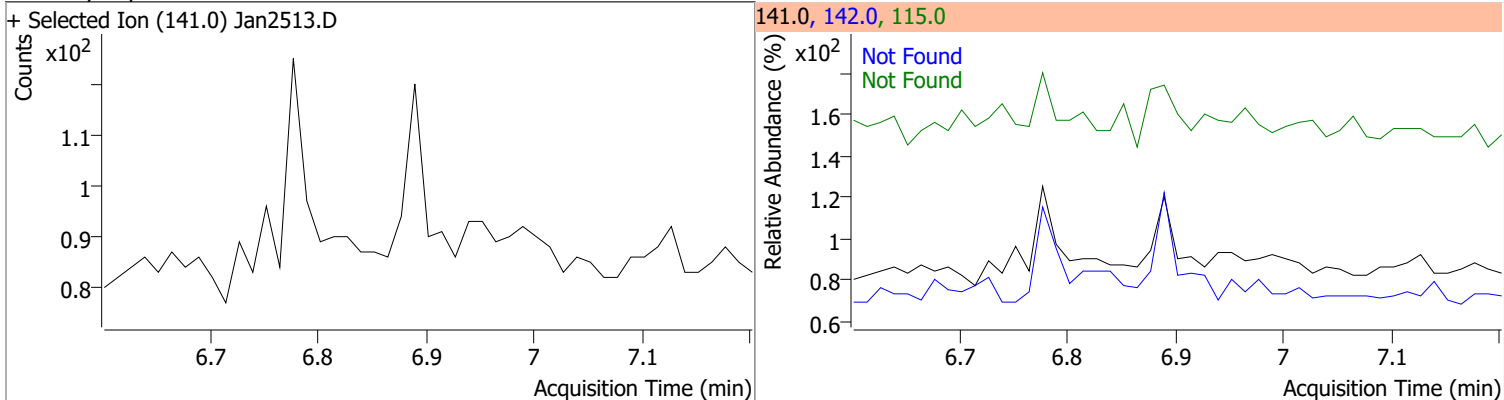
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



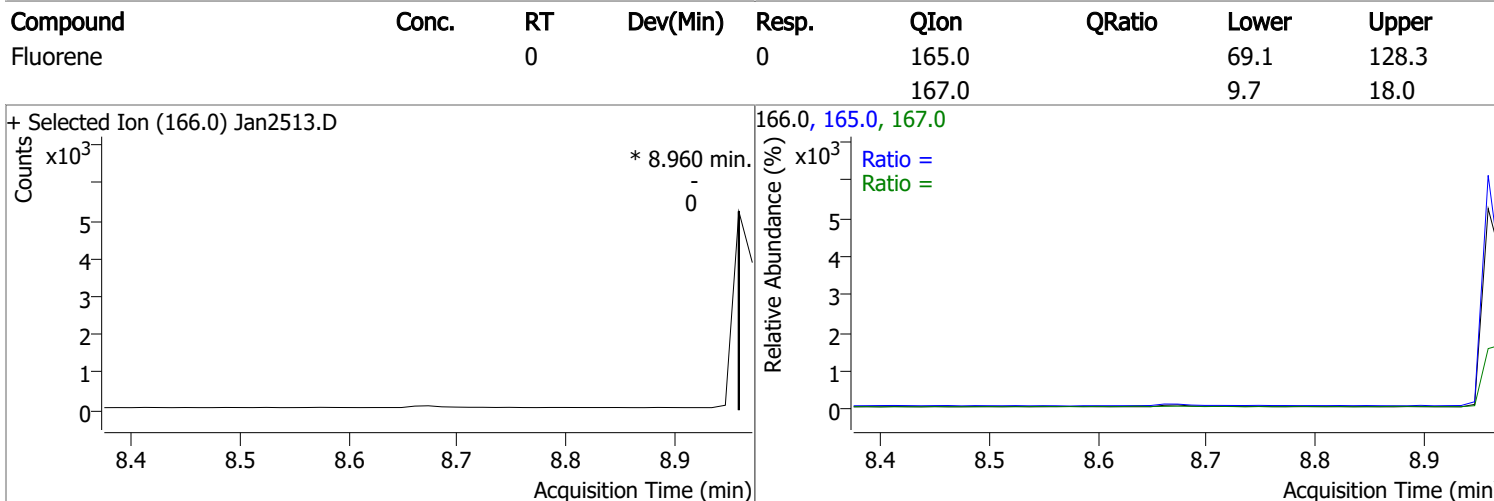
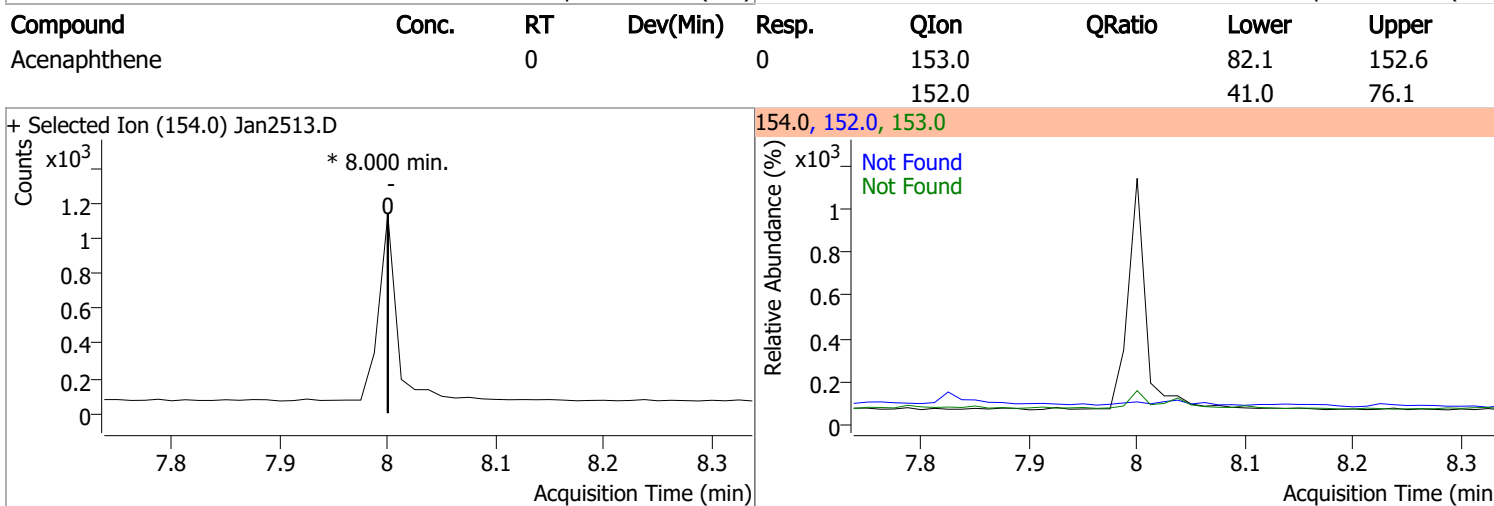
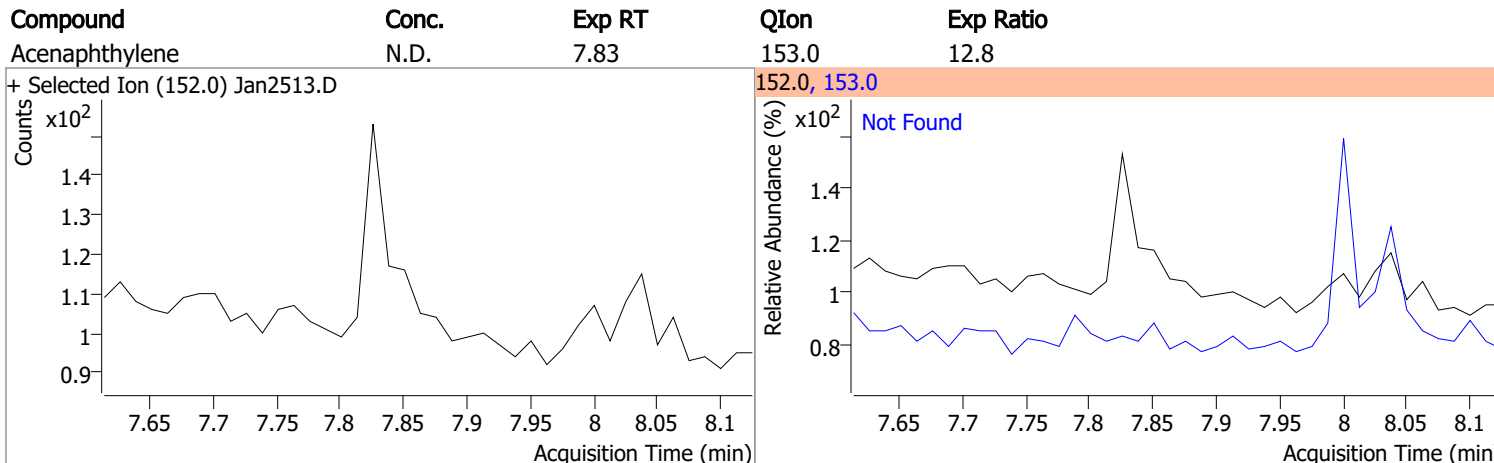
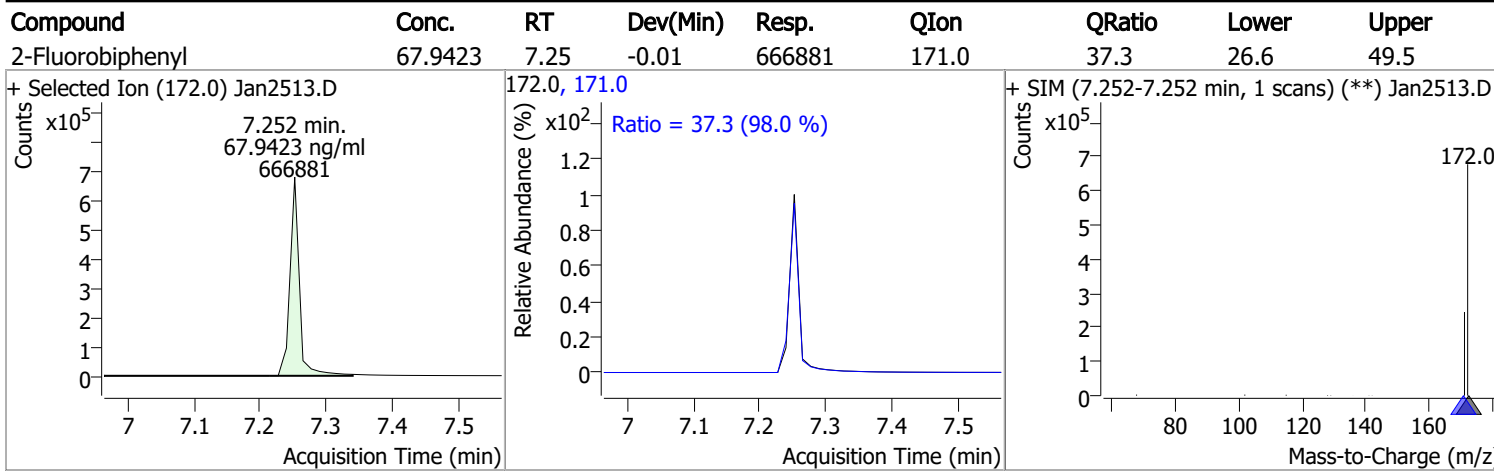
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

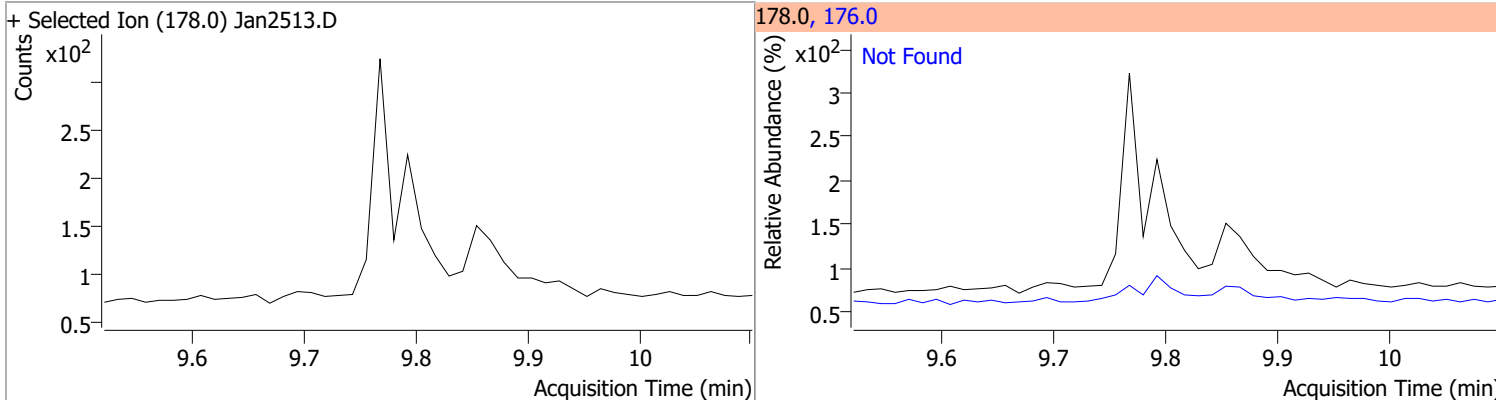


# Quantitation Results Report (QT Reviewed)

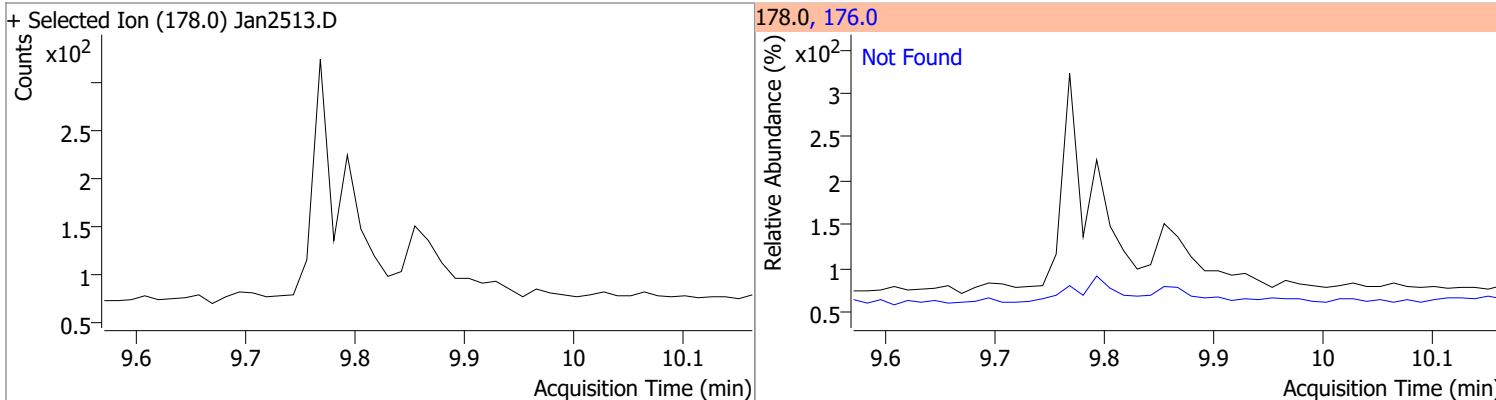


# Quantitation Results Report (QT Reviewed)

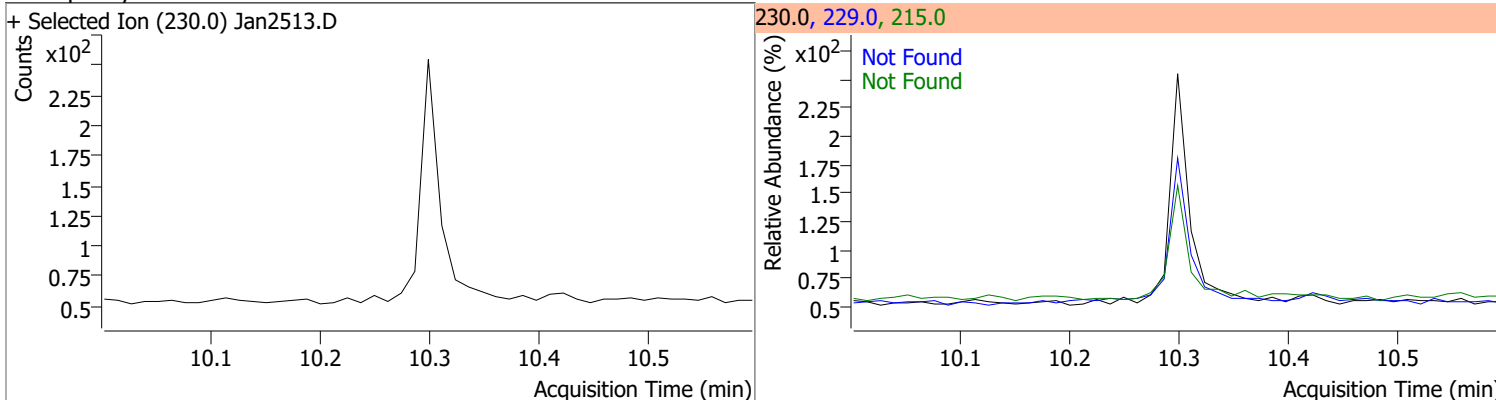
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



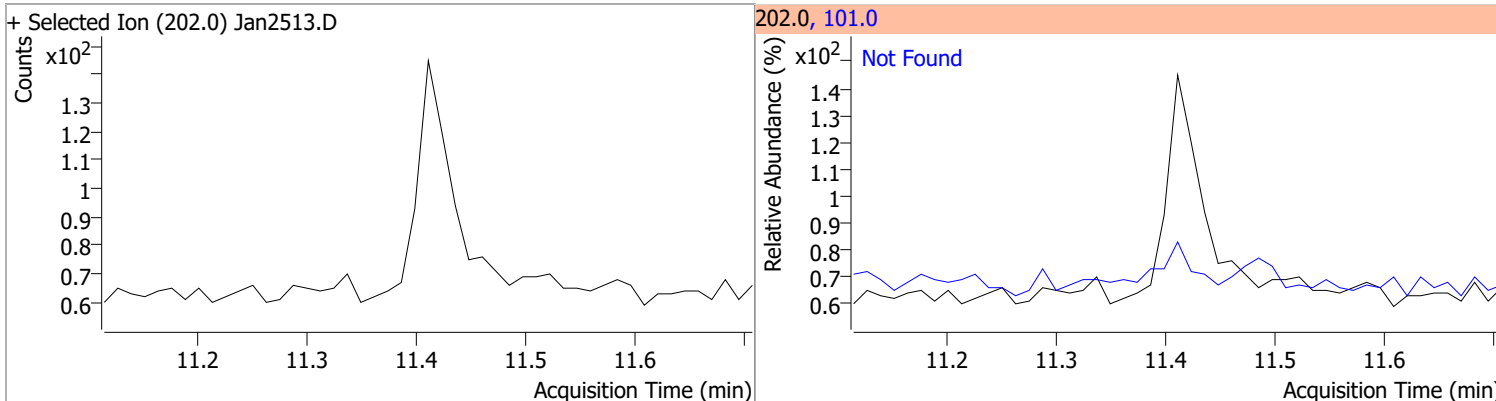
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.87	176.0	18.1



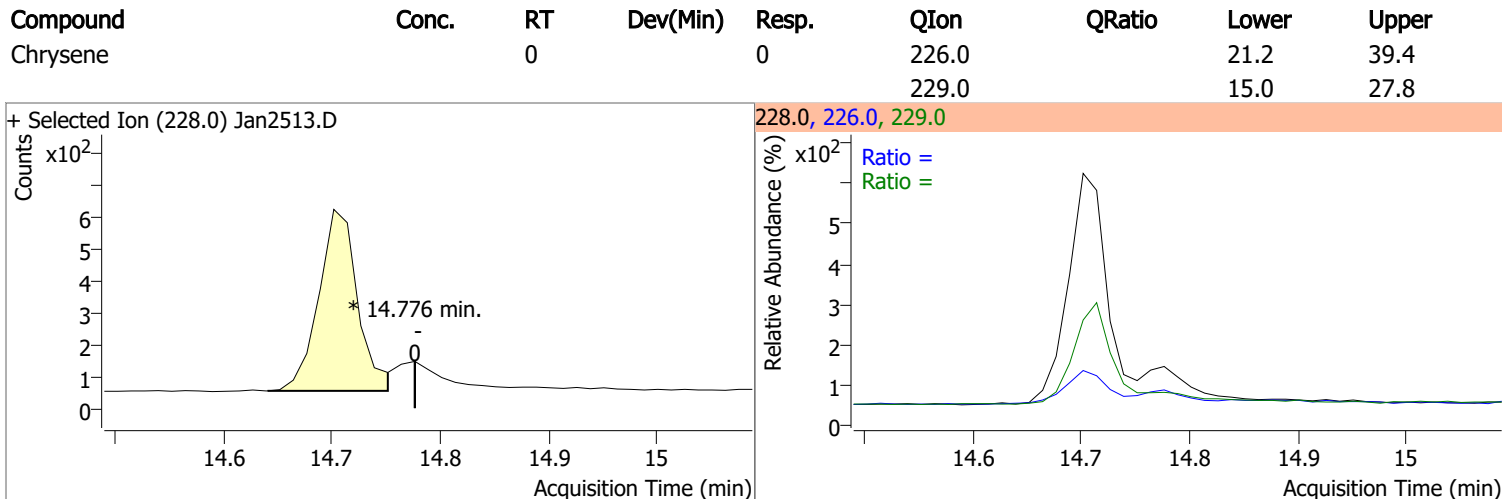
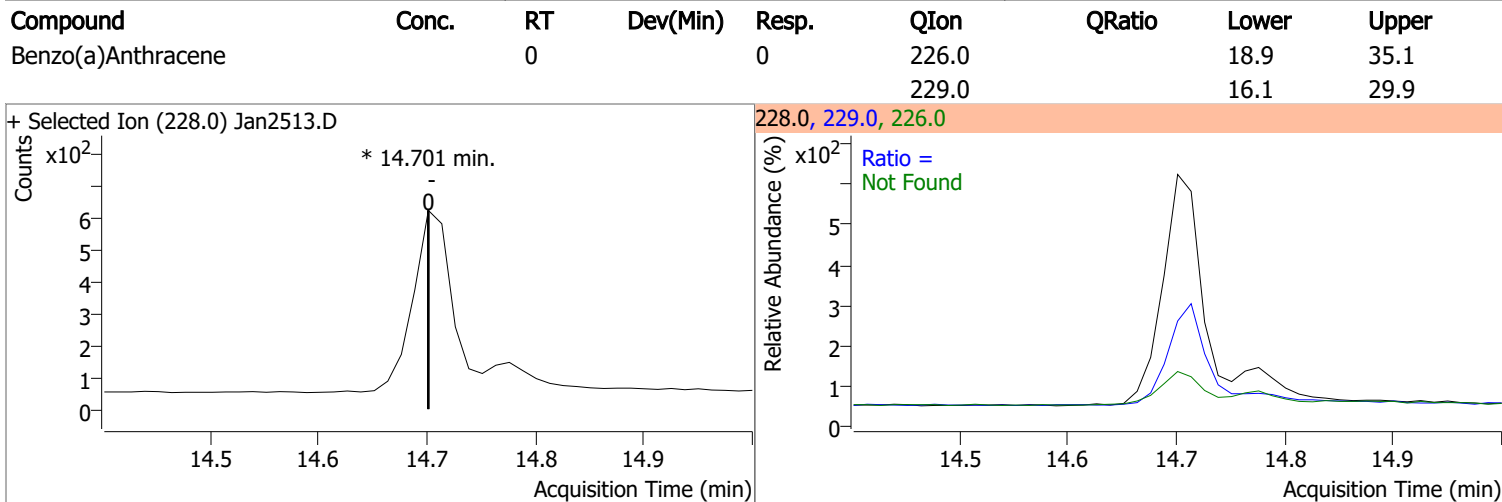
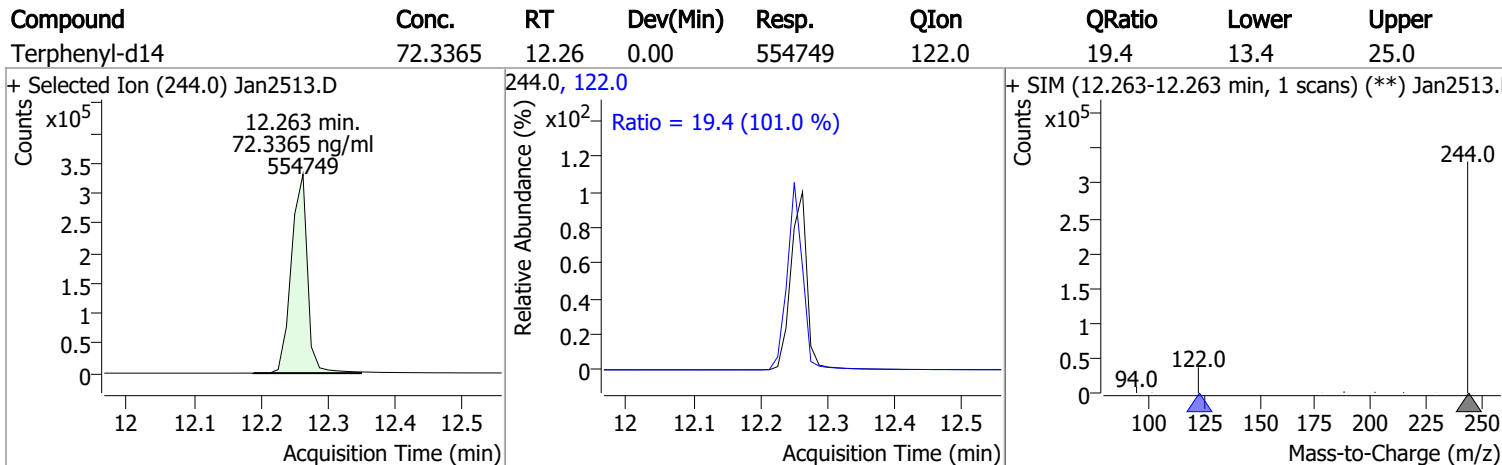
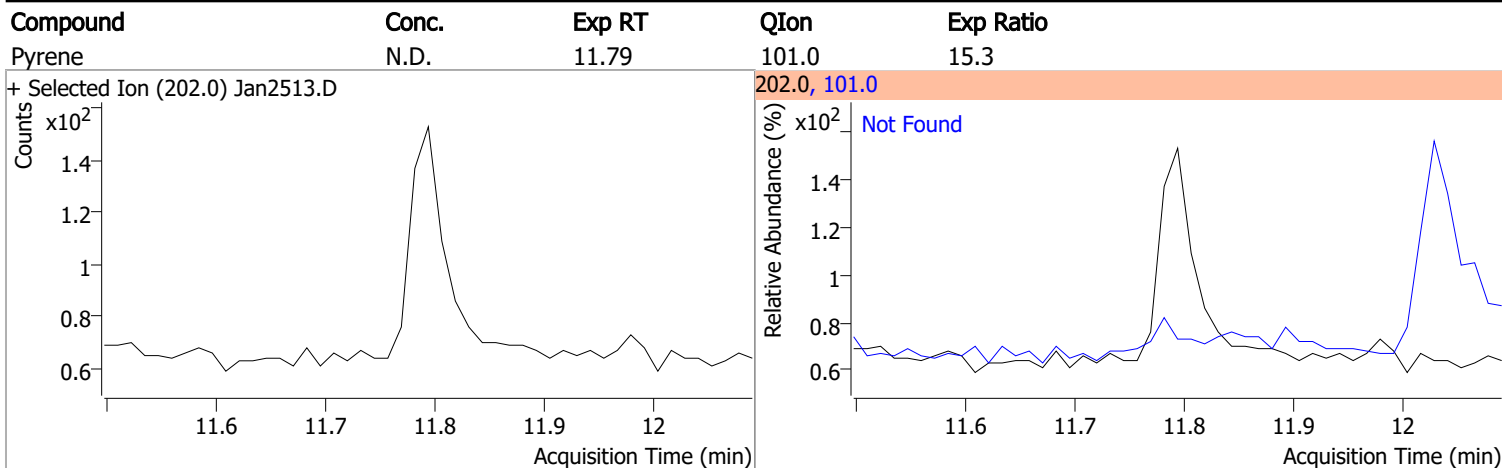
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	70.2	215.0	46.7



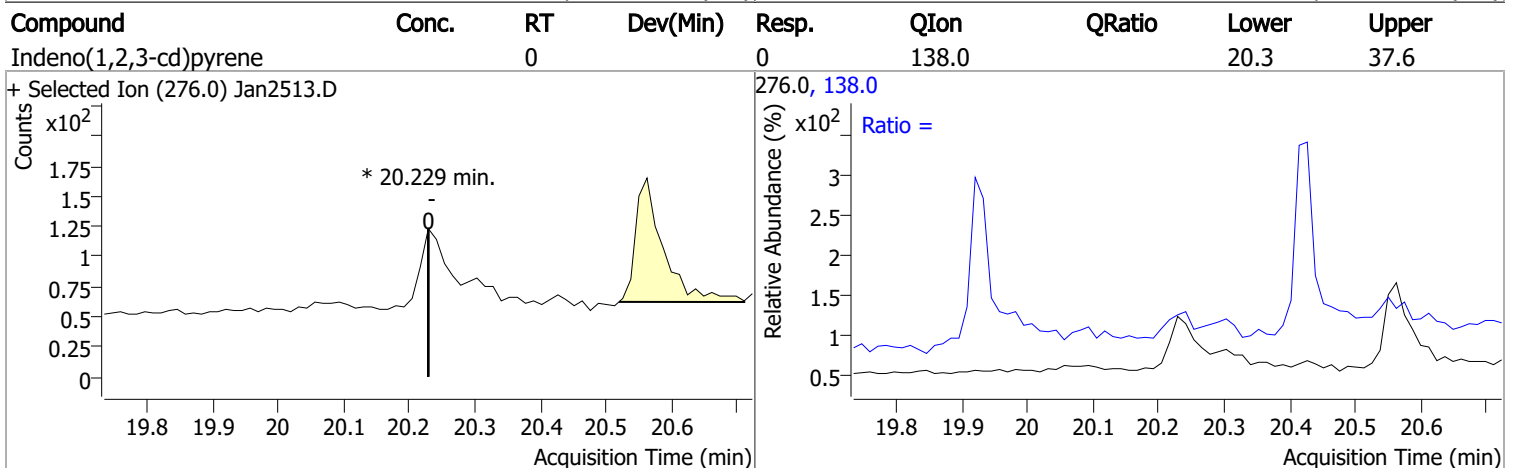
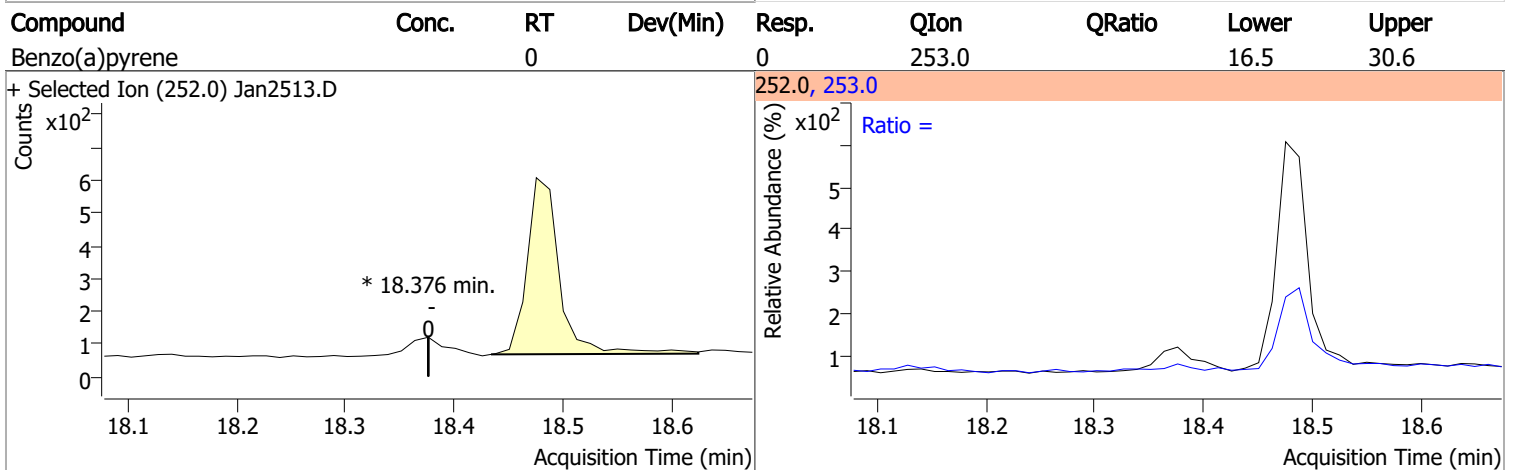
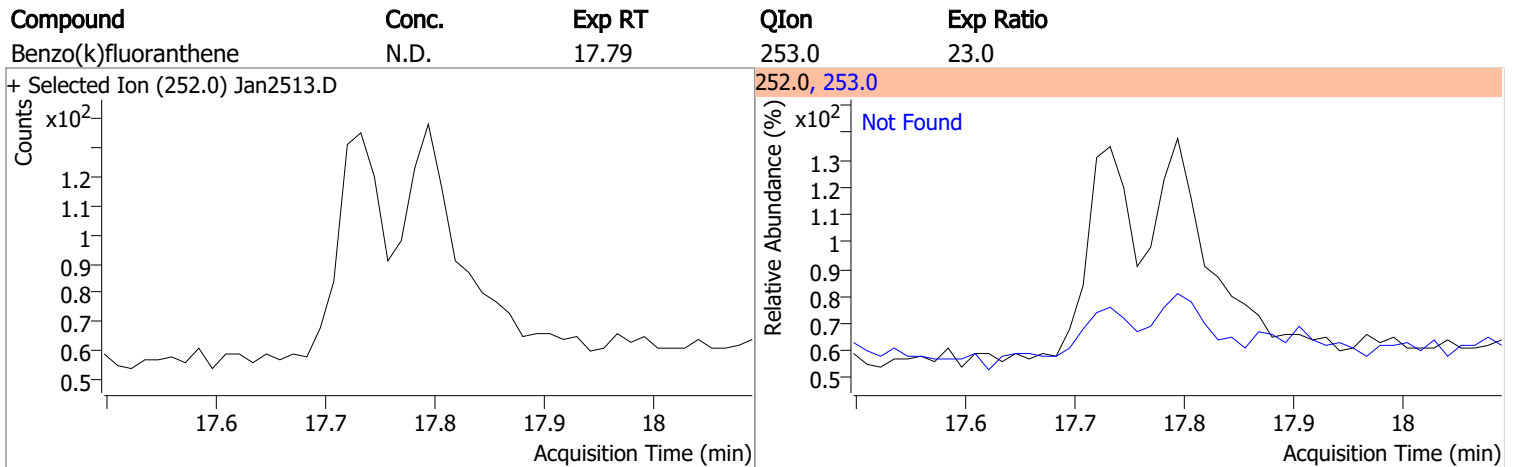
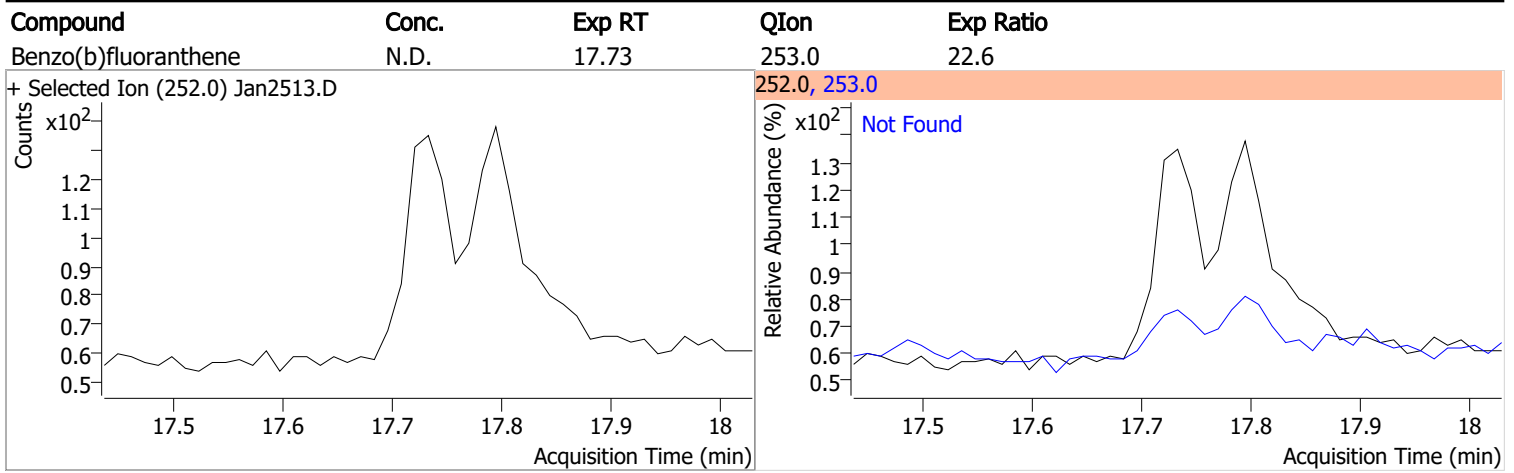
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8



# Quantitation Results Report (QT Reviewed)



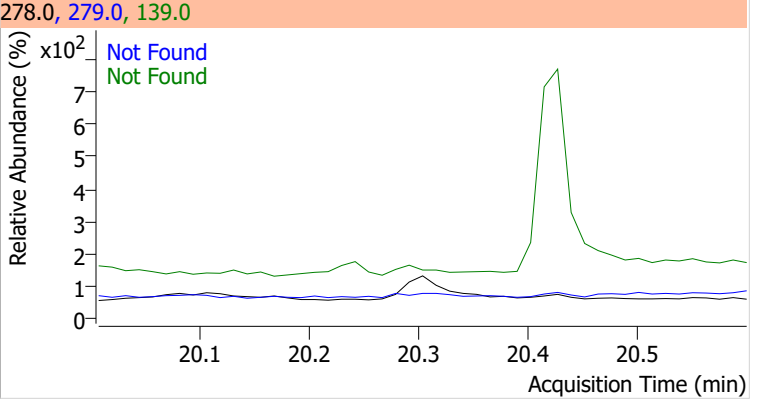
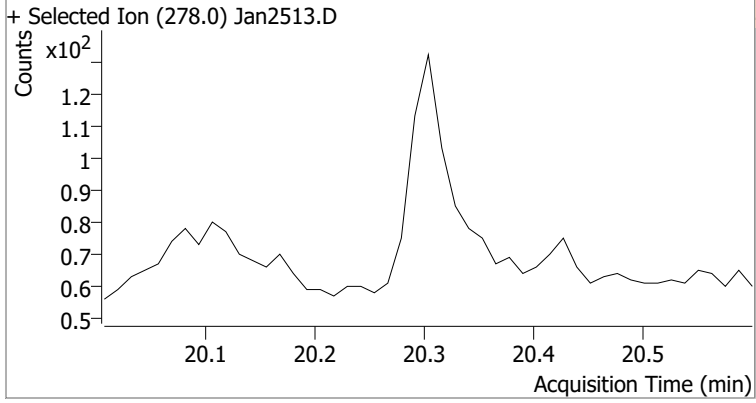
# Quantitation Results Report (QT Reviewed)



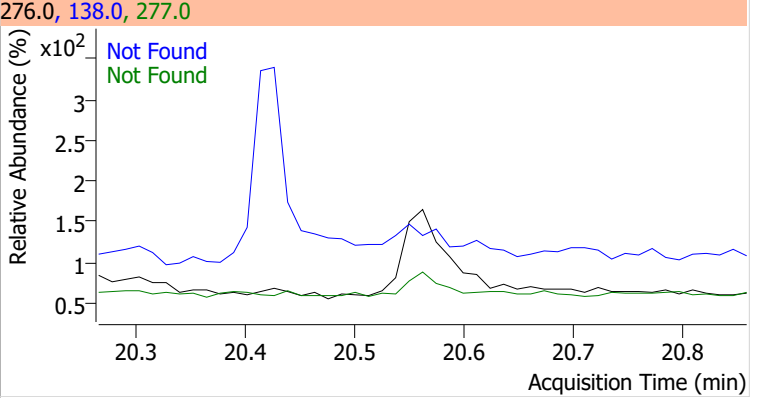
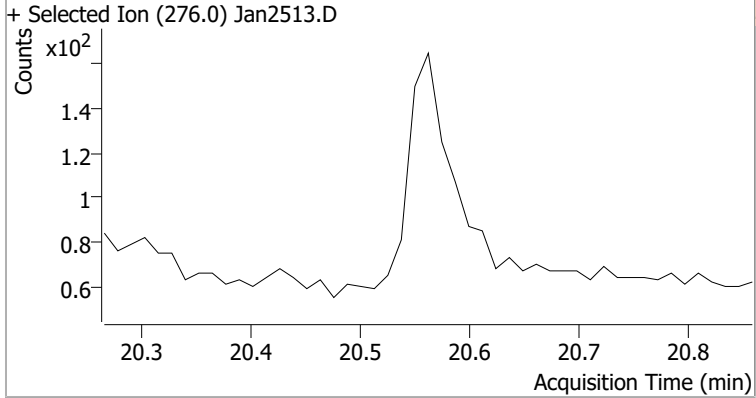


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3

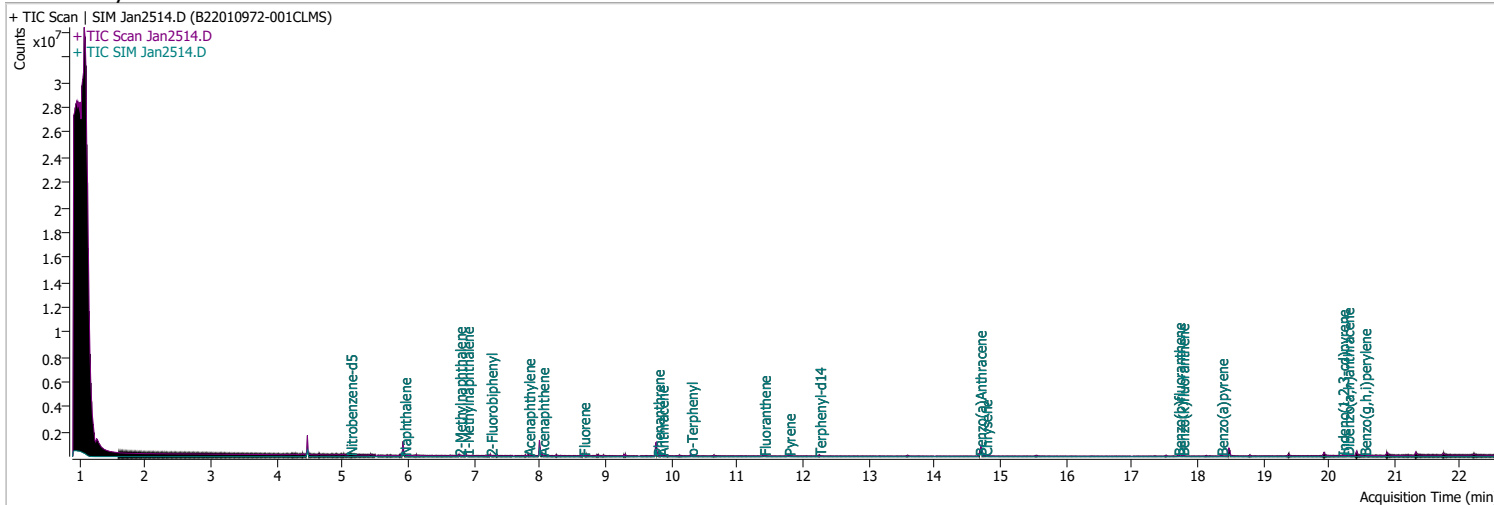


# Quantitation Results Report (QT Reviewed)

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 Acq. Method 5975BNASIM  
 Sample Name B22010972-001CLMS  
 Vial 14  
 DA Method File 011922 bna SIM 1.batch.bin  
 Tune File dftppjph.u  
 Batch Name 012522 bna SIM 1.batch.bin

Operator LIMS import  
 Acq. Date-Time 1/25/2022 5:34:20 PM  
 Instrument GCMS  
 Multiplier 1.00  
 Comment SVOC-8270C-SIM-W-LLPAH  
 Tune Date  
 Last Calib Update 1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	206565	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	369387	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.000	164.0	219694	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	416638	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	311003	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	211364	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	15073	3.5302	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 70.60%		
S 2-Fluorobiphenyl	7.252	172.0	34283	3.2465	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 64.93%		
S o-Terphenyl	10.299	230.0	26804	3.9528	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 79.06%		
S Terphenyl-d14	12.251	244.0	23140	4.0216	ng/ml	-0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 80.43%		
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	42480	3.3241	ng/ml	95
T 2-Methylnaphthalene	6.777	141.0	24672	3.4589	ng/ml	96
T 1-Methylnaphthalene	6.890	141.0	21852	2.9047	ng/ml	99
T Acenaphthylene	7.826	152.0	40031	2.9732	ng/ml	99
T Acenaphthene	8.038	154.0	27109	3.1476	ng/ml	97
T Fluorene	8.661	166.0	36977	3.6285	ng/ml	100
T Phenanthrene	9.793	178.0	56218	4.3590	ng/ml	92
T Anthracene	9.854	178.0	51004	4.4373	ng/ml	99
T Fluoranthene	11.411	202.0	56092	3.9696	ng/ml	99
T Pyrene	11.781	202.0	62090	3.9630	ng/ml	99
T Benzo(a)Anthracene	14.689	228.0	41322	4.1848	ng/ml	99
T Chrysene	14.776	228.0	55553	3.9028	ng/ml	100
T Benzo(b)fluoranthene	17.708	252.0	35571	3.7355	ng/ml	100

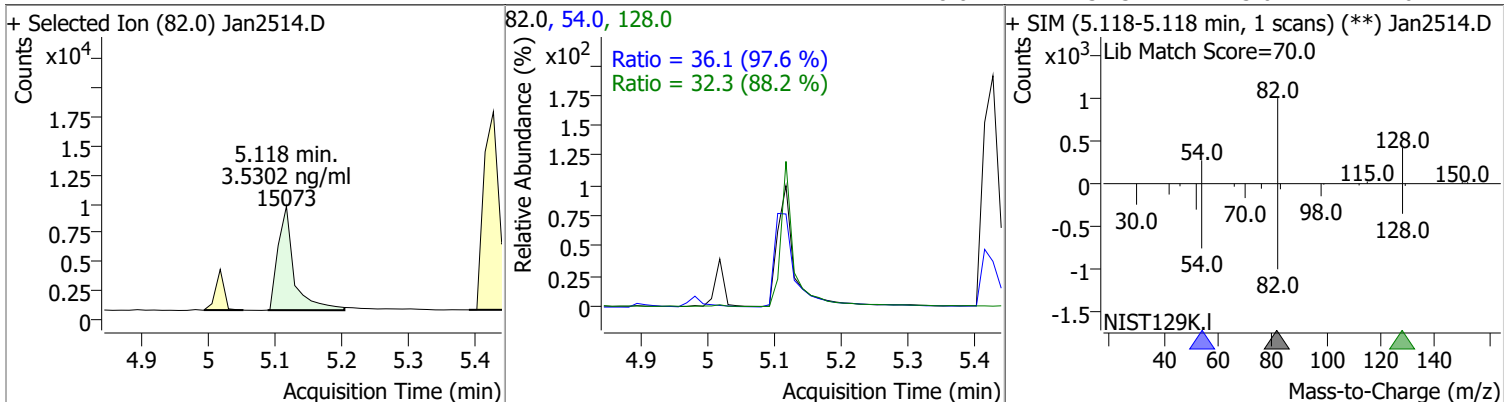
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	38910	3.5368	ng/ml	99
T Benzo(a)pyrene	18.363	252.0	27123	3.6074	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.204	276.0	25528	3.5473	ng/ml	98
T Dibenzo(a,h)anthracene	20.278	278.0	32535	3.8531	ng/ml	98
T Benzo(g,h,i)perylene	20.538	276.0	41583	4.0016	ng/ml	96

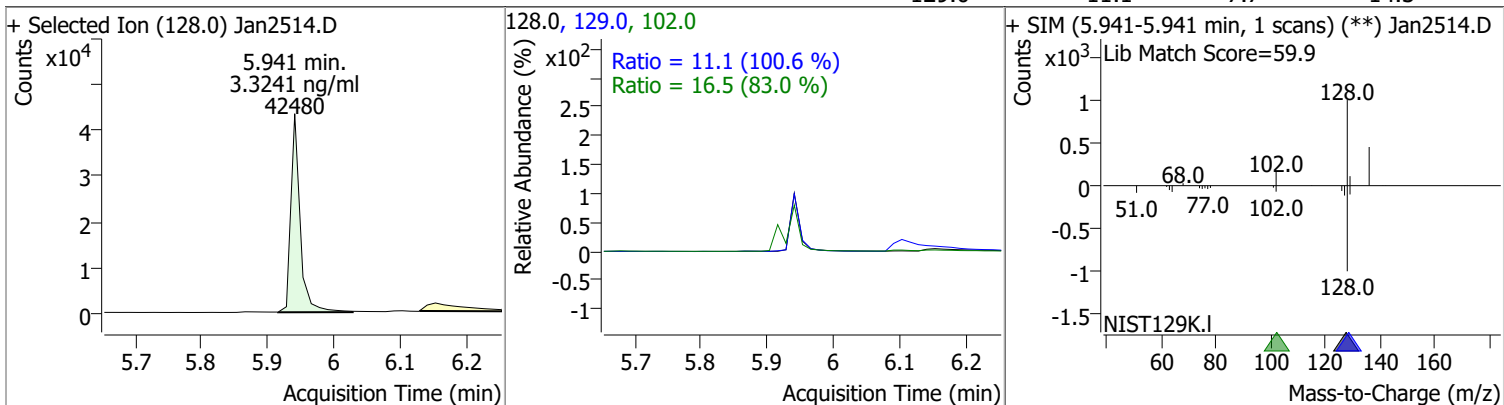
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

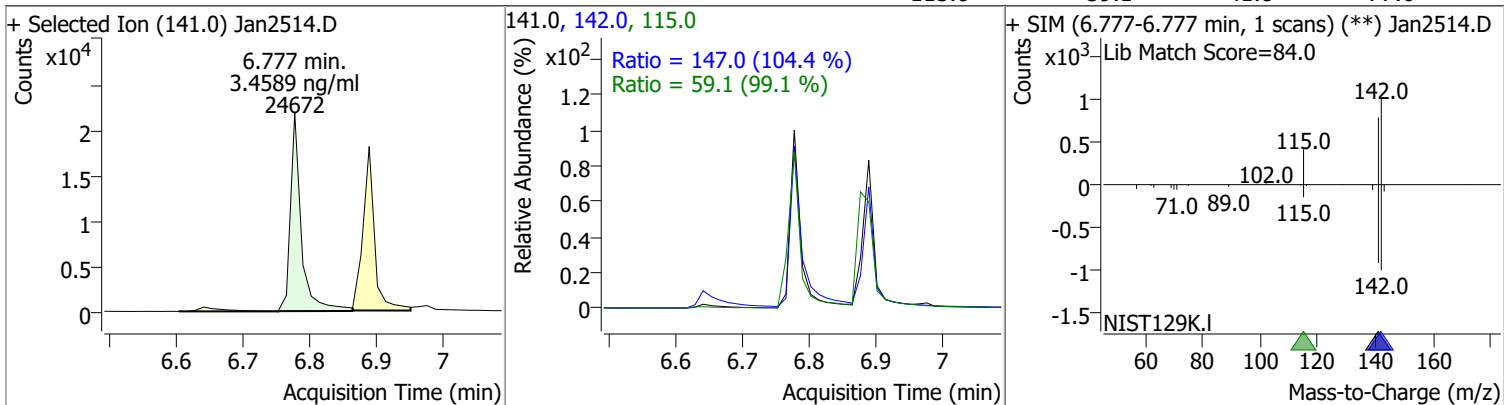
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	3.5302	5.12	-0.02	15073	54.0	36.1	25.9	48.1
					128.0	32.3	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.3241	5.94	-0.01	42480	102.0	16.5	0.0	59.6
					129.0	11.1	7.7	14.3

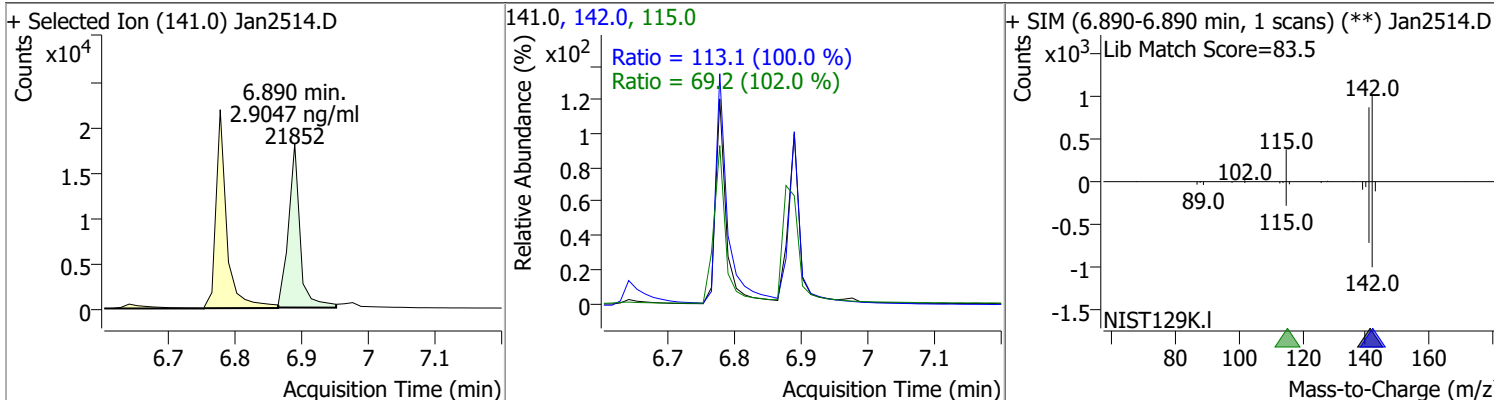


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.4589	6.78	-0.01	24672	142.0	147.0	98.5	183.0
					115.0	59.1	41.8	77.6

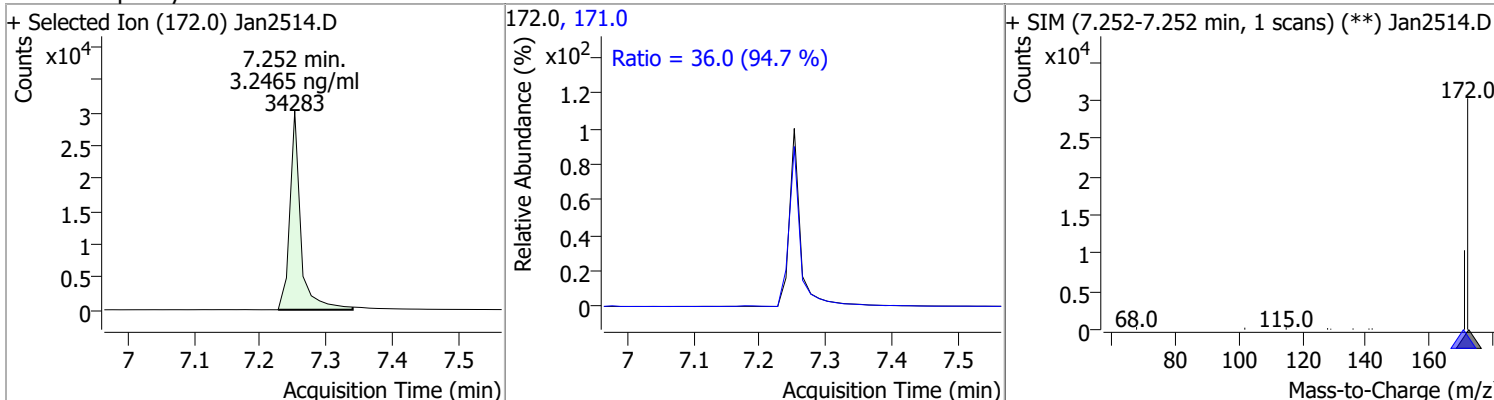


# Quantitation Results Report (QT Reviewed)

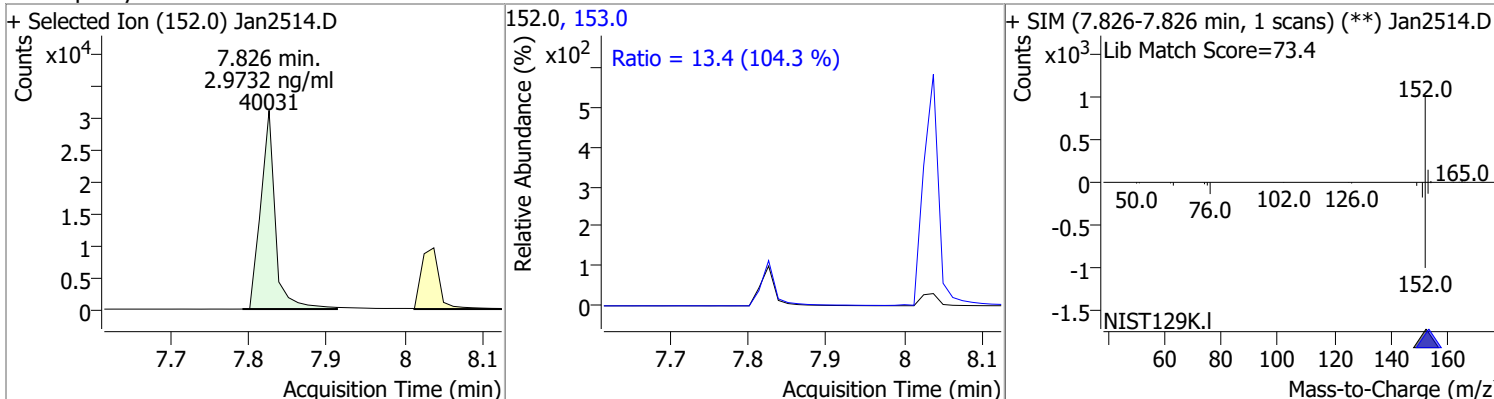
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.9047	6.89	-0.01	21852	142.0 115.0	113.1 69.2	79.2 47.5	147.1 88.2



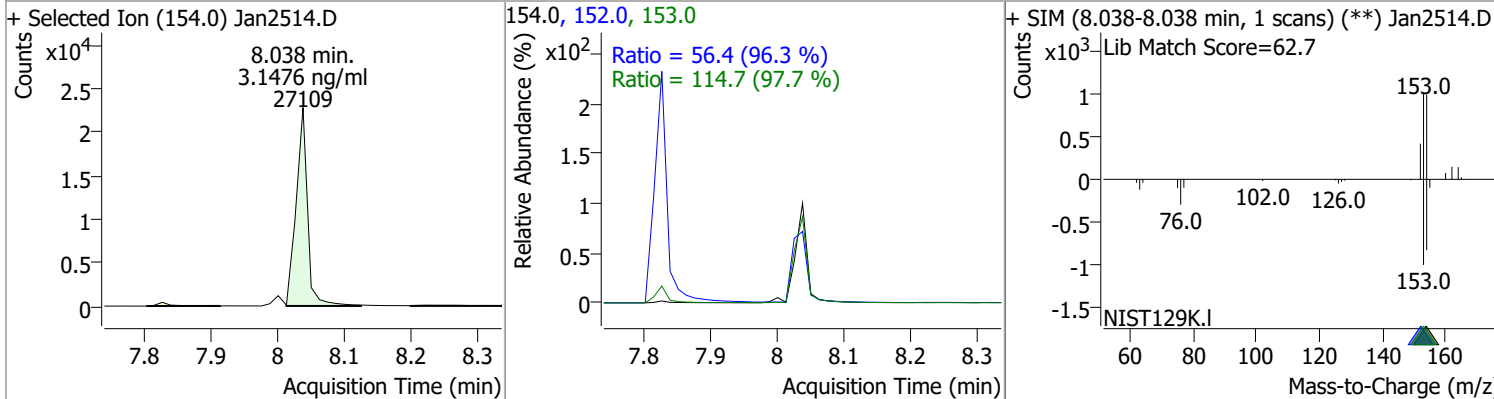
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	3.2465	7.25	-0.01	34283	171.0	36.0	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	2.9732	7.83	0.00	40031	153.0	13.4	9.0	16.6

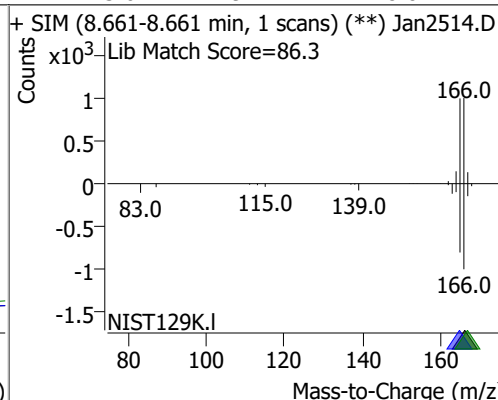
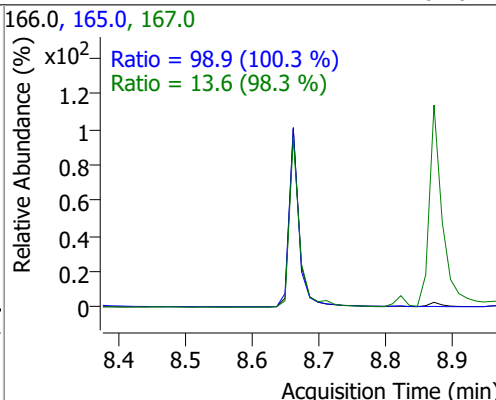
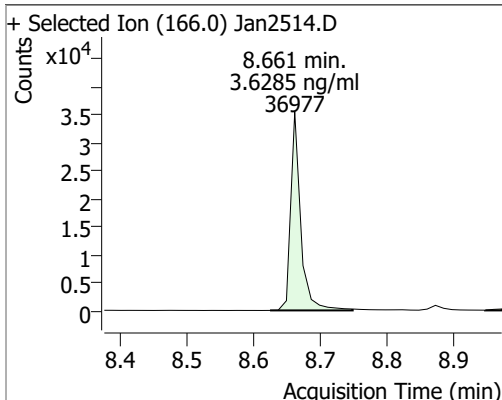


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	3.1476	8.04	0.00	27109	153.0 152.0	114.7 56.4	82.1 41.0	152.6 76.1

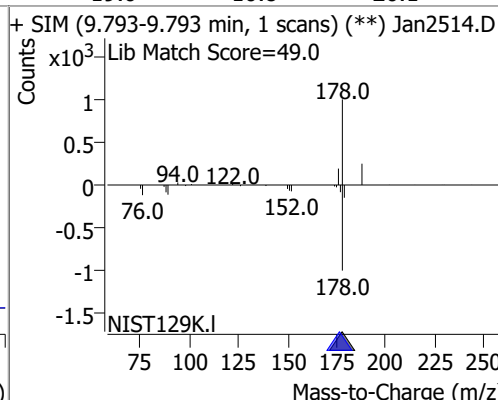
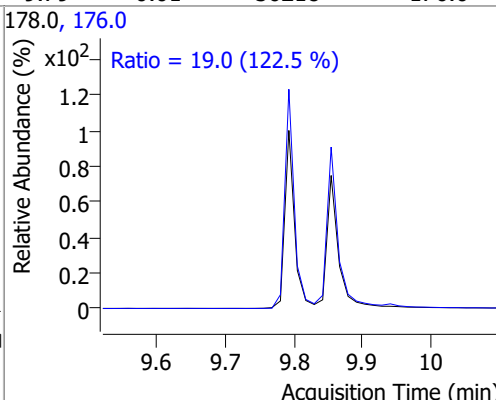
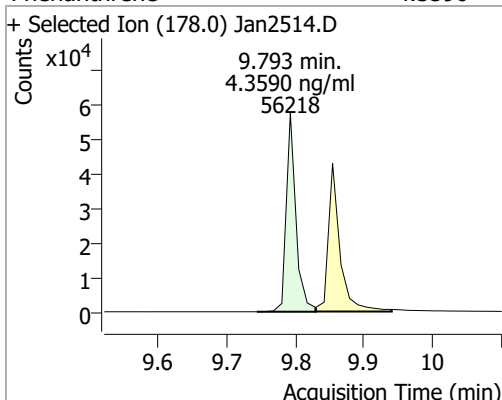


# Quantitation Results Report (QT Reviewed)

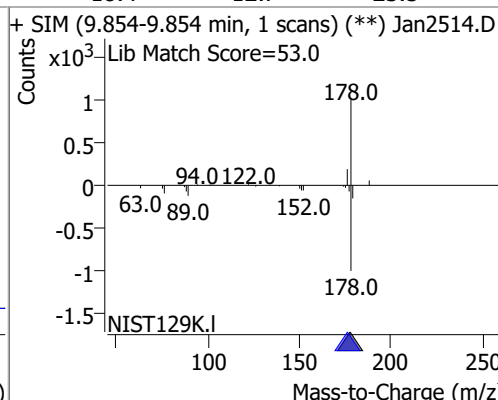
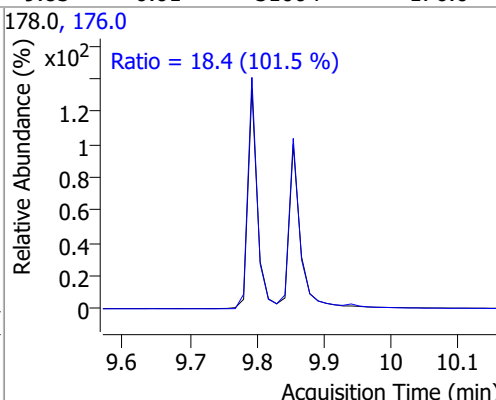
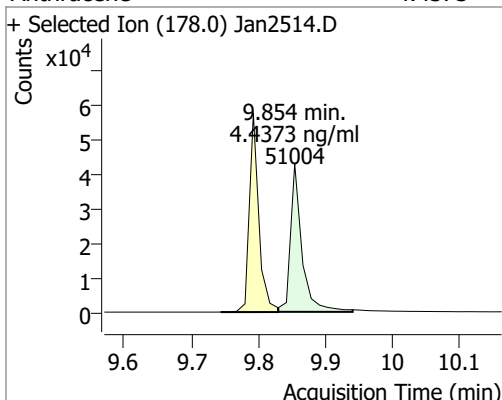
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.6285	8.66	-0.01	36977	165.0	98.9	69.1	128.3
					167.0	13.6	9.7	18.0



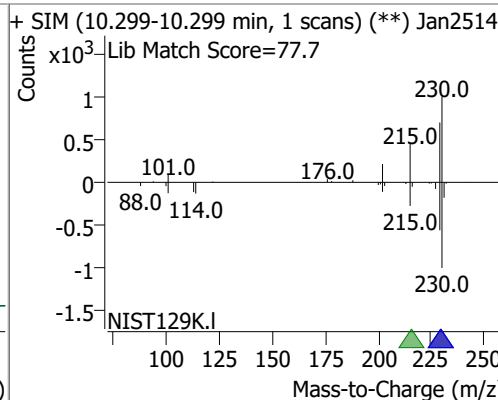
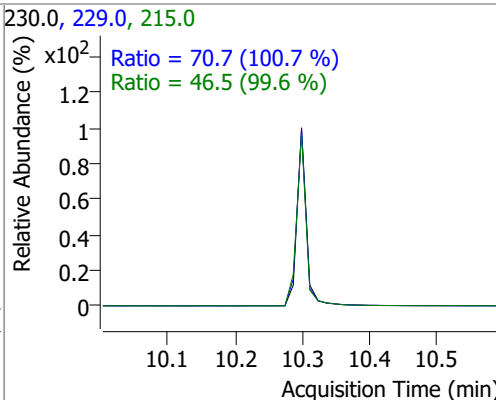
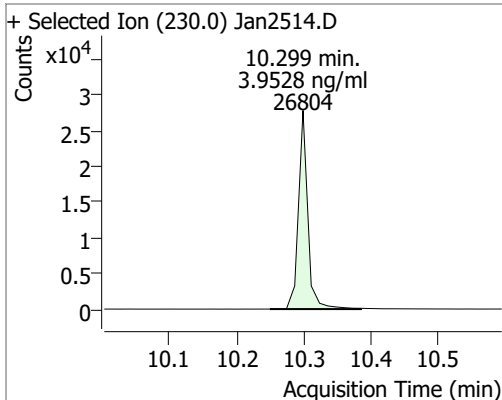
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.3590	9.79	-0.01	56218	176.0	19.0	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.4373	9.85	-0.01	51004	176.0	18.4	12.7	23.5

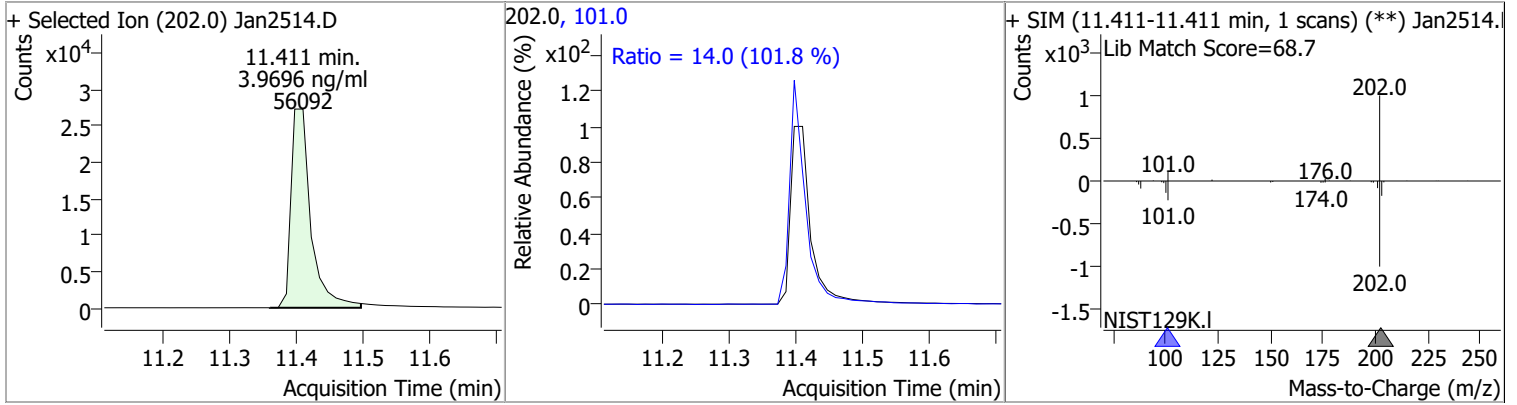


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	3.9528	10.30	0.00	26804	229.0	70.7	49.2	91.3
					215.0	46.5	32.7	60.7

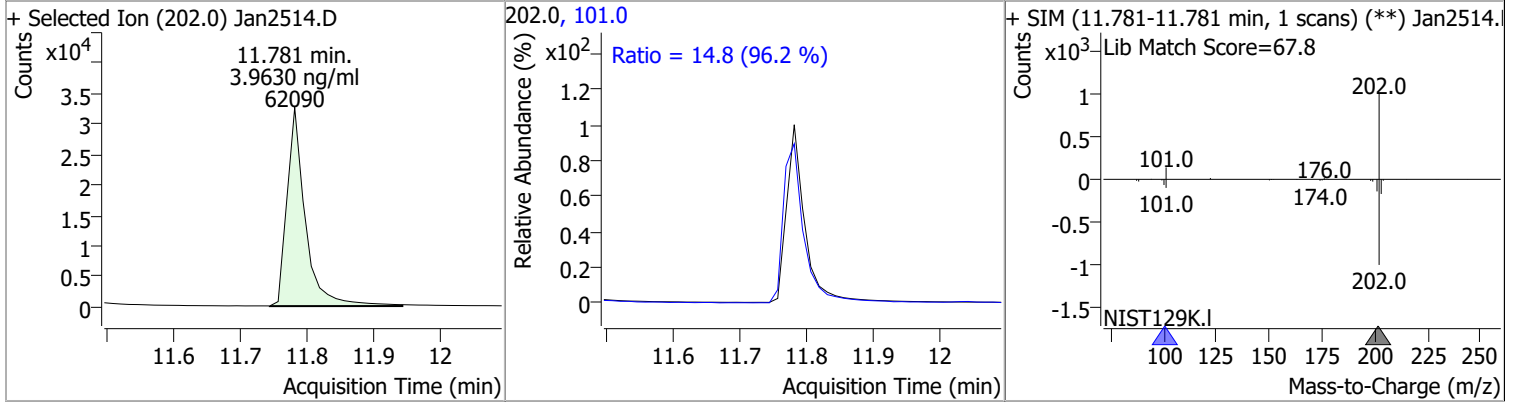


# Quantitation Results Report (QT Reviewed)

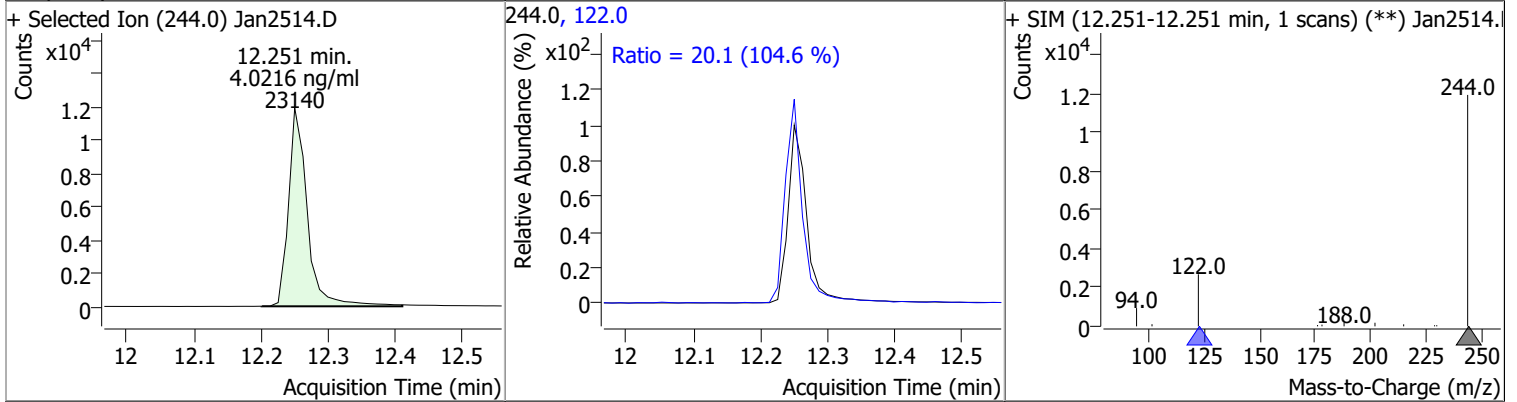
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	3.9696	11.41	0.00	56092	101.0	14.0	9.6	17.9



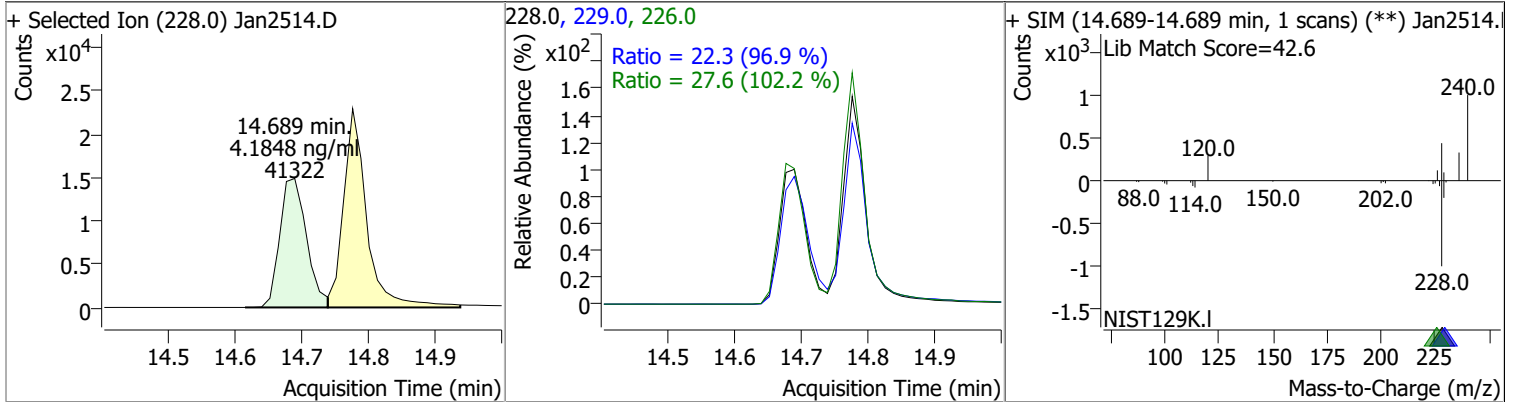
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	3.9630	11.78	-0.01	62090	101.0	14.8	10.7	20.0



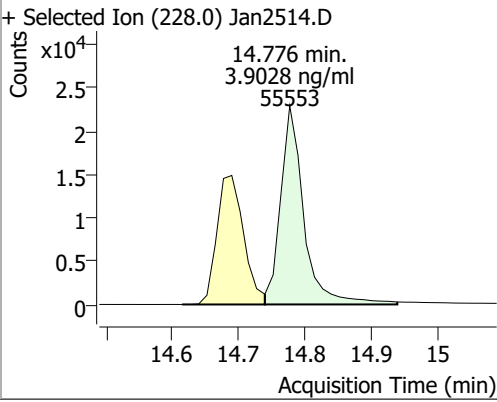
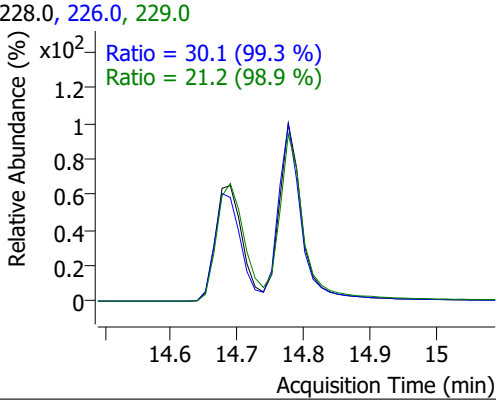
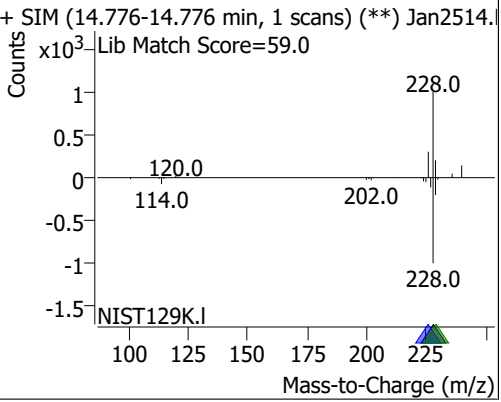
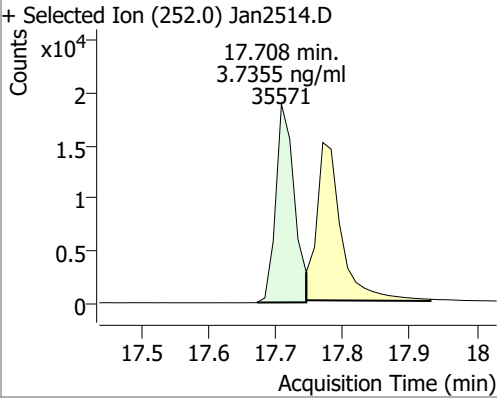
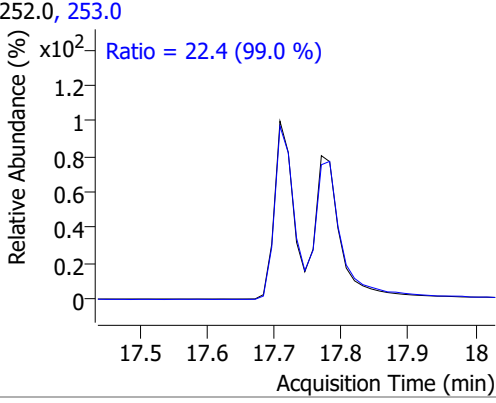
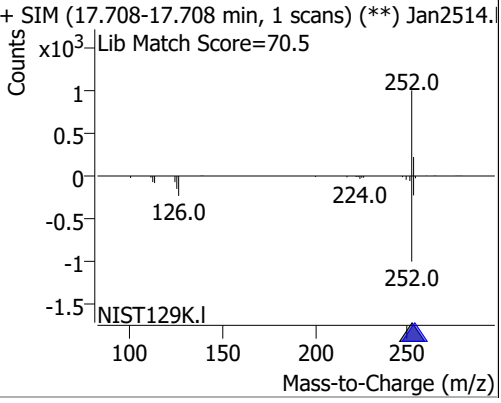
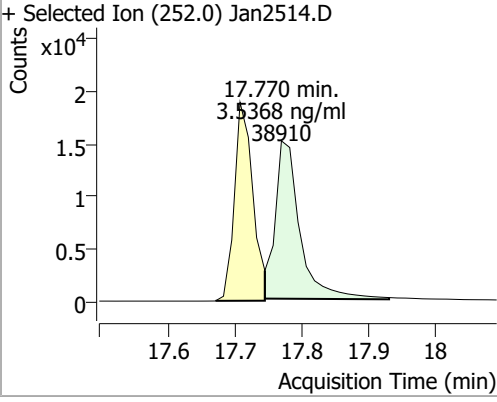
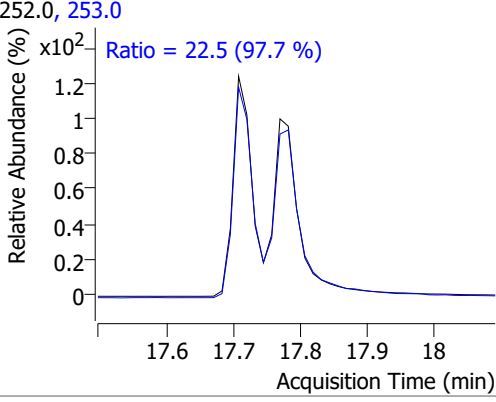
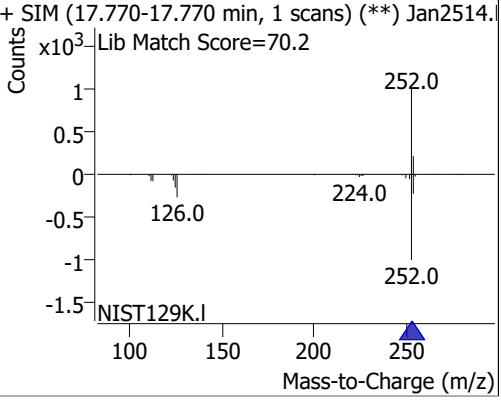
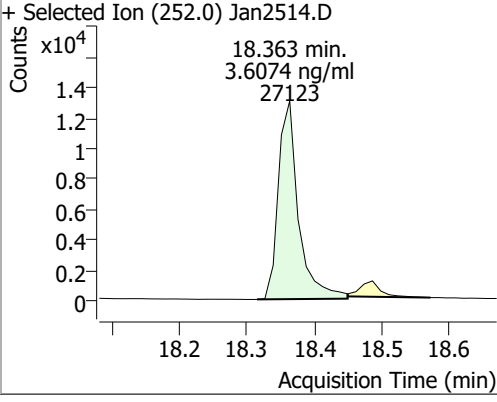
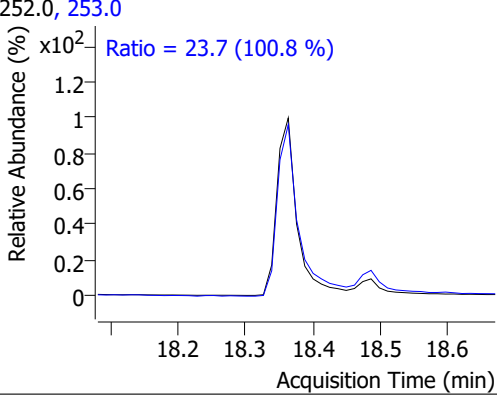
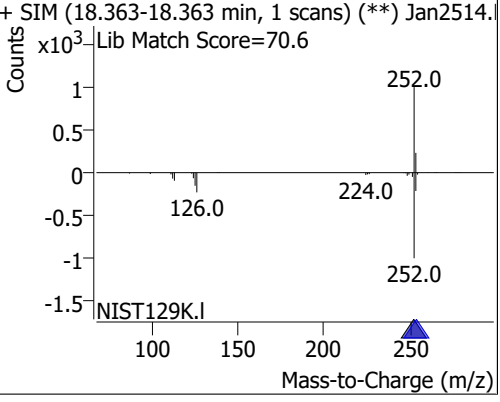
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	4.0216	12.25	-0.01	23140	122.0	20.1	13.4	25.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	4.1848	14.69	-0.01	41322	226.0	27.6	18.9	35.1
					229.0	22.3	16.1	29.9

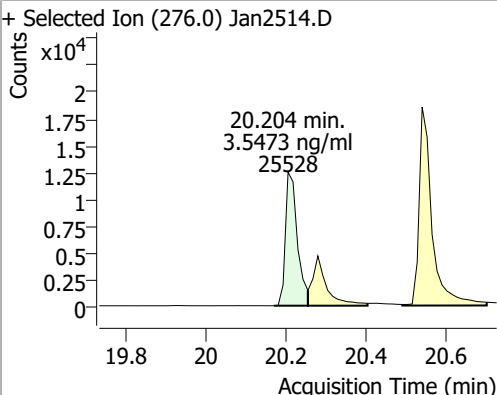
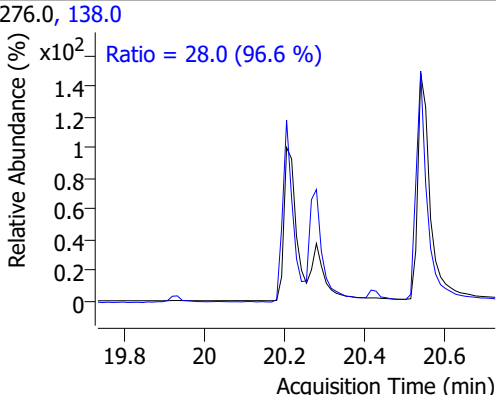
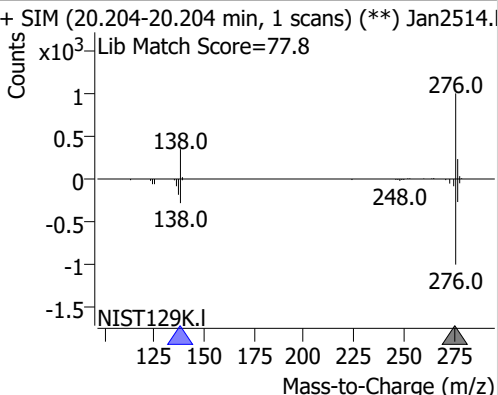
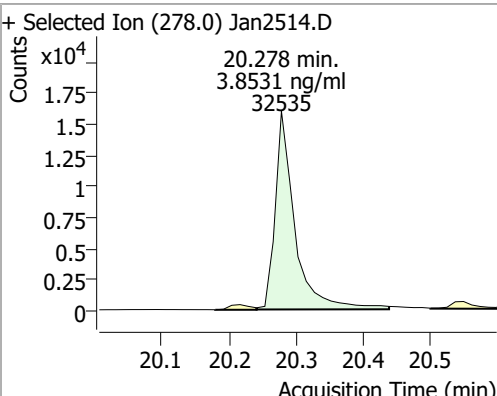
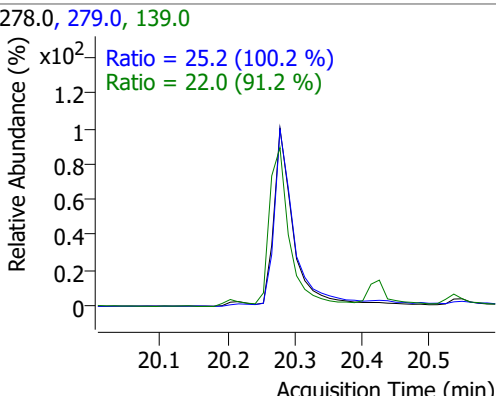
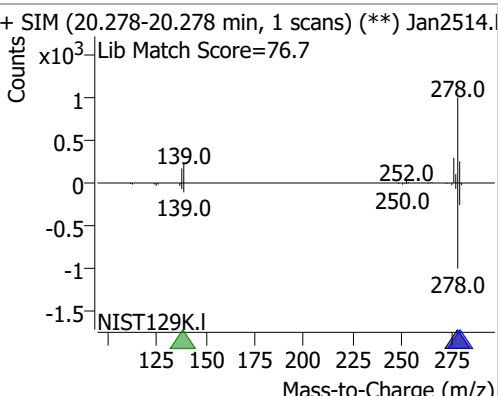
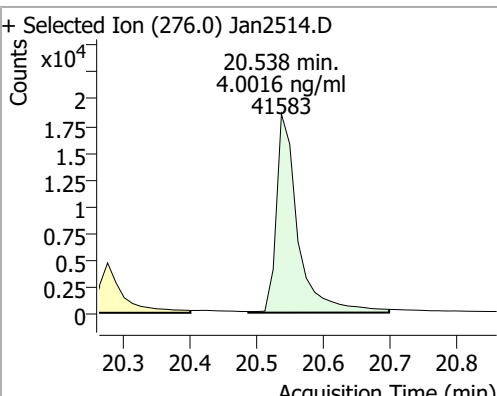
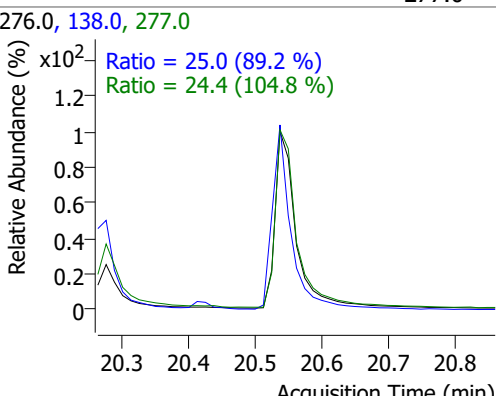
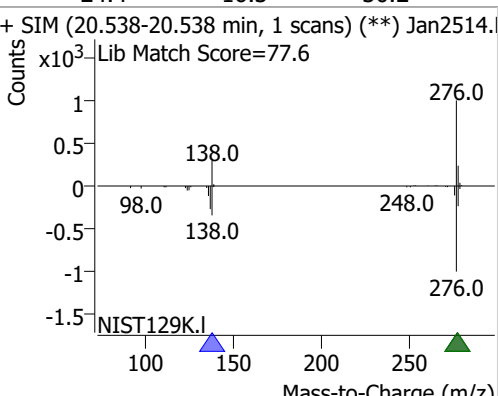


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	3.9028	14.78	-0.01	55553	226.0 229.0	30.1 21.2	21.2 15.0	39.4 27.8
+ Selected Ion (228.0) Jan2514.D 			228.0, 226.0, 229.0 			+ SIM (14.776-14.776 min, 1 scans) (**) Jan2514. Lib Match Score=59.0 		
Benzo(b)fluoranthene	3.7355	17.71	-0.02	35571	253.0	22.4	15.8	29.4
+ Selected Ion (252.0) Jan2514.D 			252.0, 253.0 			+ SIM (17.708-17.708 min, 1 scans) (**) Jan2514. Lib Match Score=70.5 		
Benzo(k)fluoranthene	3.5368	17.77	-0.02	38910	253.0	22.5	16.1	29.9
+ Selected Ion (252.0) Jan2514.D 			252.0, 253.0 			+ SIM (17.770-17.770 min, 1 scans) (**) Jan2514. Lib Match Score=70.2 		
Benzo(a)pyrene	3.6074	18.36	-0.01	27123	253.0	23.7	16.5	30.6
+ Selected Ion (252.0) Jan2514.D 			252.0, 253.0 			+ SIM (18.363-18.363 min, 1 scans) (**) Jan2514. Lib Match Score=70.6 		



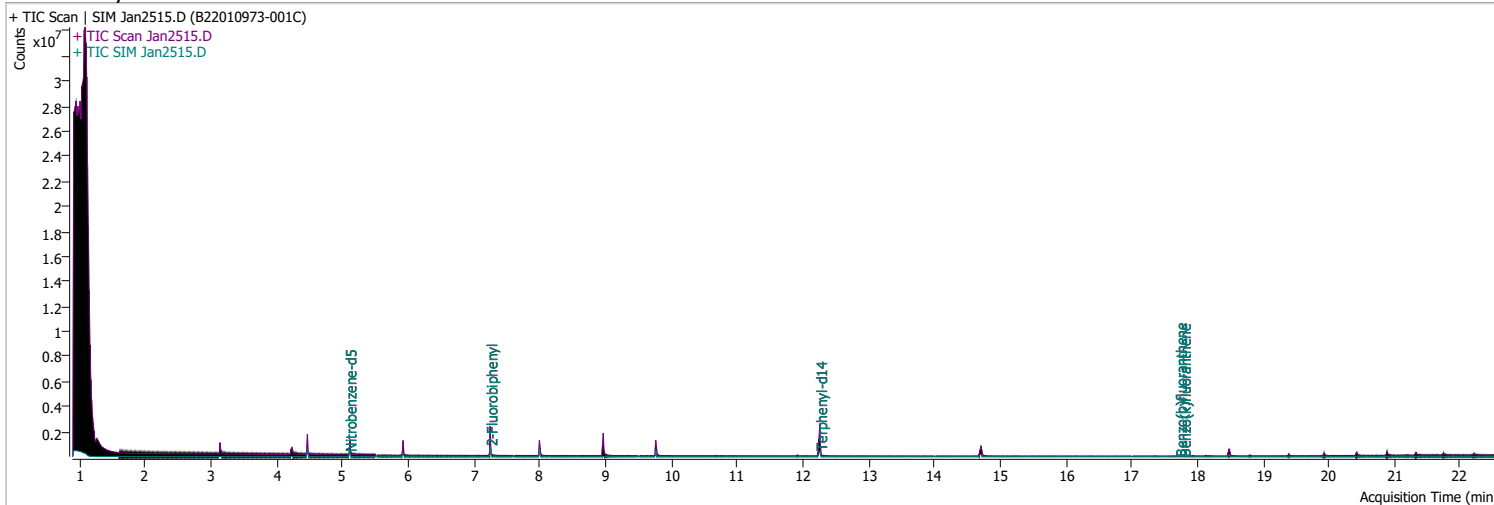
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	3.5473	20.20	-0.02	25528	138.0	28.0	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2514.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 28.0 (96.6 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan2514.D</p> <p>Lib Match Score=77.8</p>  </div> </div>								
Dibenzo(a,h)anthracene	3.8531	20.28	-0.02	32535	279.0	25.2	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2514.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 25.2 (100.2 %)</p> <p>Ratio = 22.0 (91.2 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.278-20.278 min, 1 scans) (**) Jan2514.D</p> <p>Lib Match Score=76.7</p>  </div> </div>								
Benzo(g,h,i)perylene	4.0016	20.54	-0.02	41583	138.0	25.0	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2514.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 25.0 (89.2 %)</p> <p>Ratio = 24.4 (104.8 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan2514.D</p> <p>Lib Match Score=77.6</p>  </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan2515.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 6:06:54 PM
Sample Name	B22010973-001C	Instrument	GCMS
Vial	15	Multiplier	1.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	209479	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	355670	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.000	164.0	211000	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	415808	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	297807	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	192318	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	355717	33.5897	ng/ml	-0.037
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 671.79%	*	
S 2-Fluorobiphenyl	7.252	172.0	605854	59.7366	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1194.73%	*	
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.263	244.0	590643	73.9975	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1479.95%	*	
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.025	154.0	0		ng/ml	md 1
T Fluorene	8.960	166.0	0		ng/ml	md 1
T Phenanthrene	0.000		0	N.D.		
T Anthracene	9.792	178.0	0		ng/ml	md 1
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.714	228.0	0		ng/ml	md 1
T Chrysene	14.776	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	17.733	252.0	320	0.0370	ng/ml	m 97

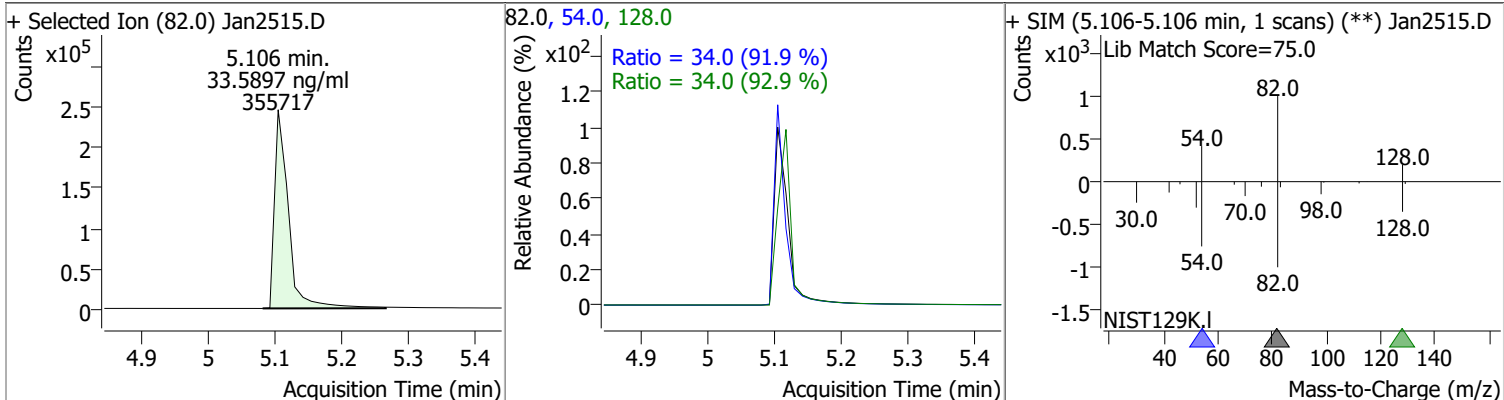
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.795	252.0	379	0.0274	ng/ml	m 90
T Benzo(a)pyrene	18.376	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	20.229	276.0	0		ng/ml	md 1
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

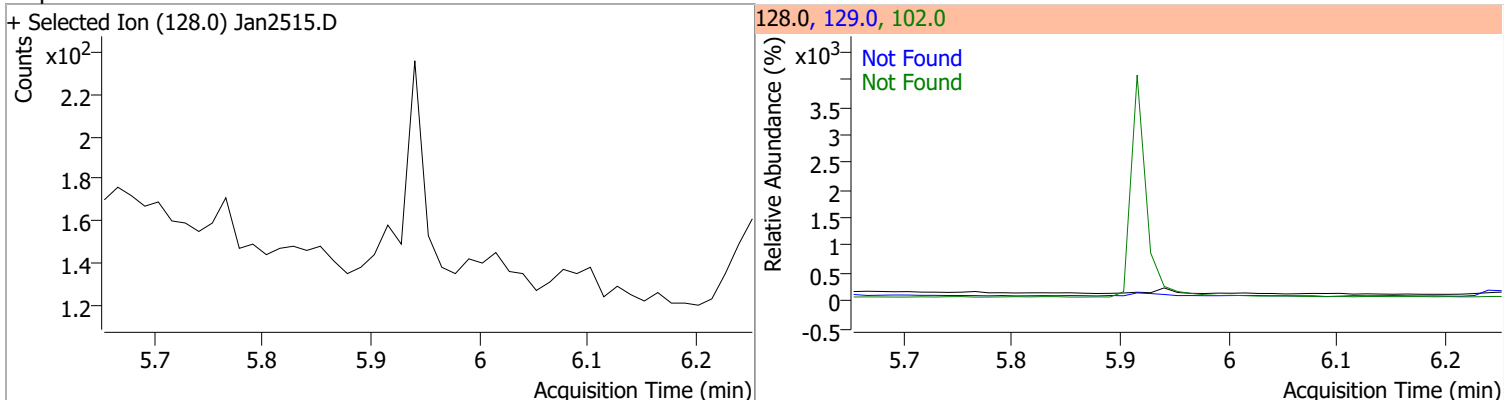
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

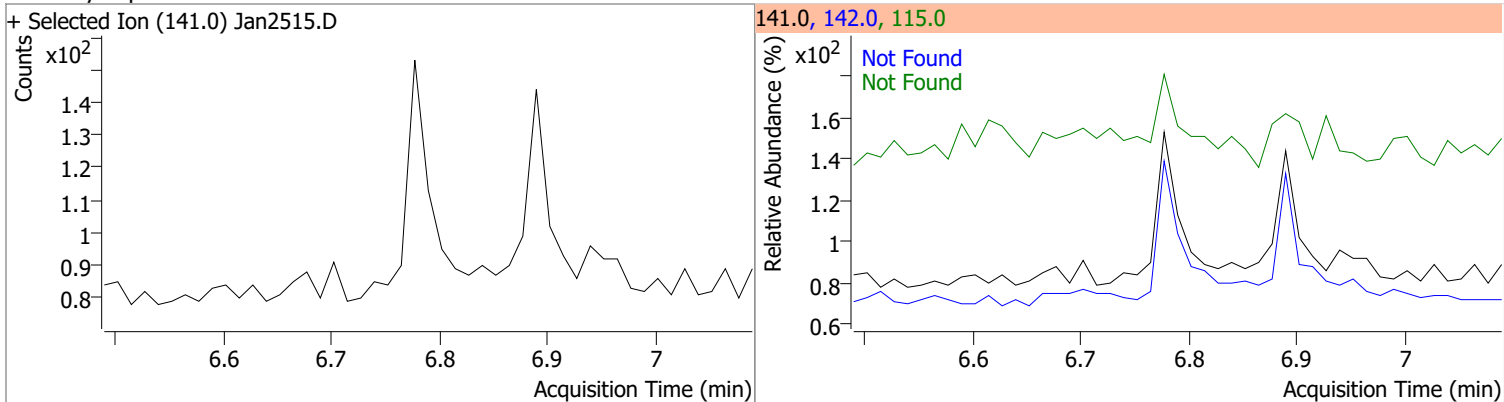
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	33.5897	5.11	-0.04	355717	54.0	34.0	25.9	48.1
					128.0	34.0	25.6	47.6



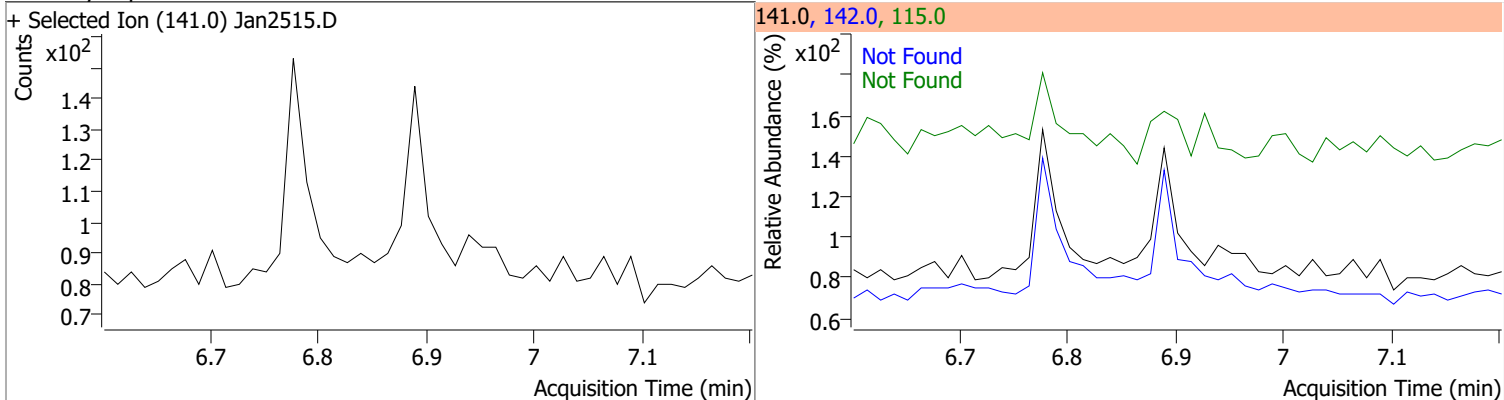
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7

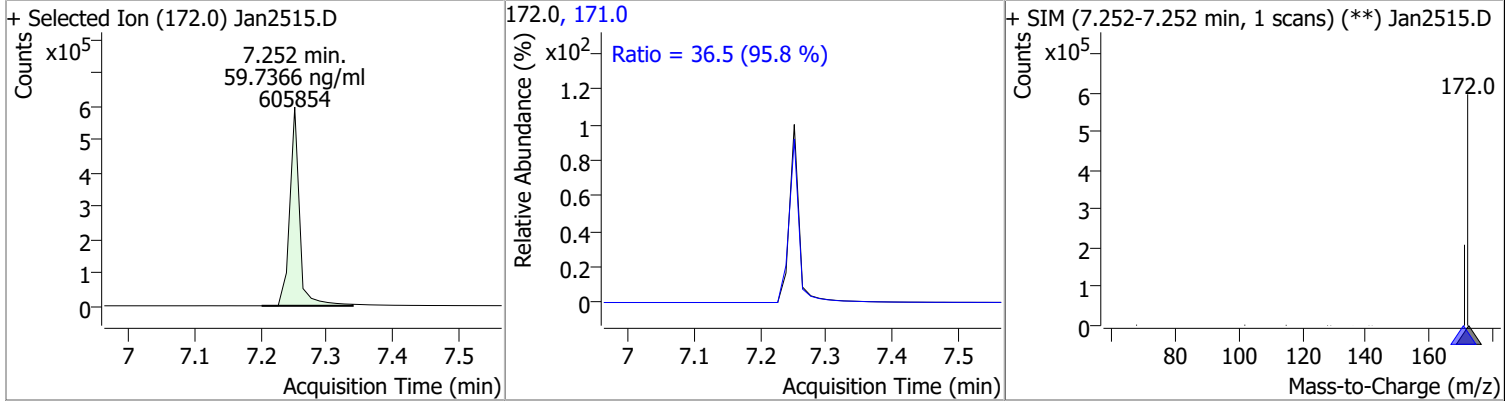


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

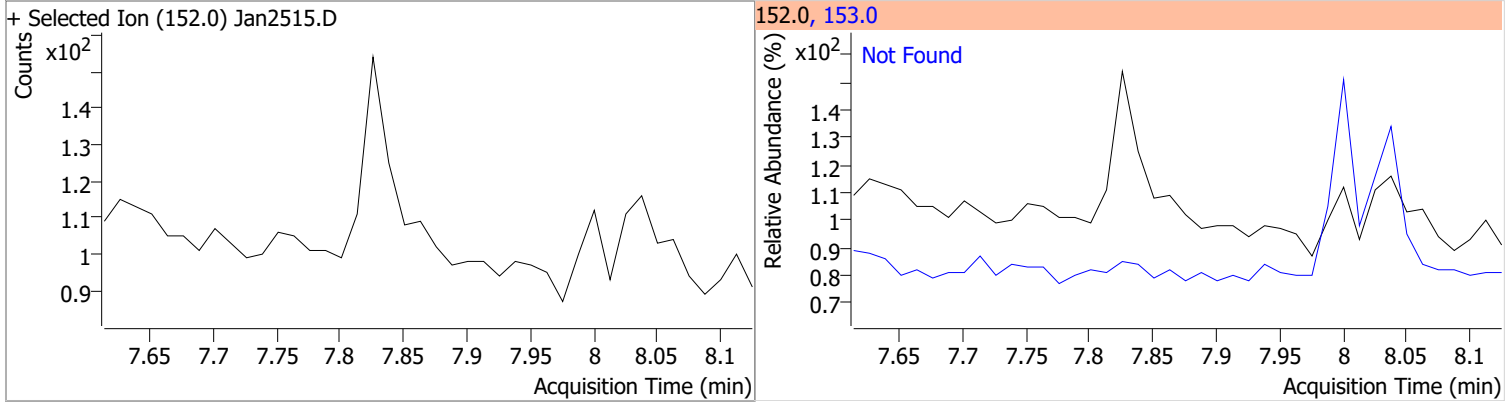


# Quantitation Results Report (QT Reviewed)

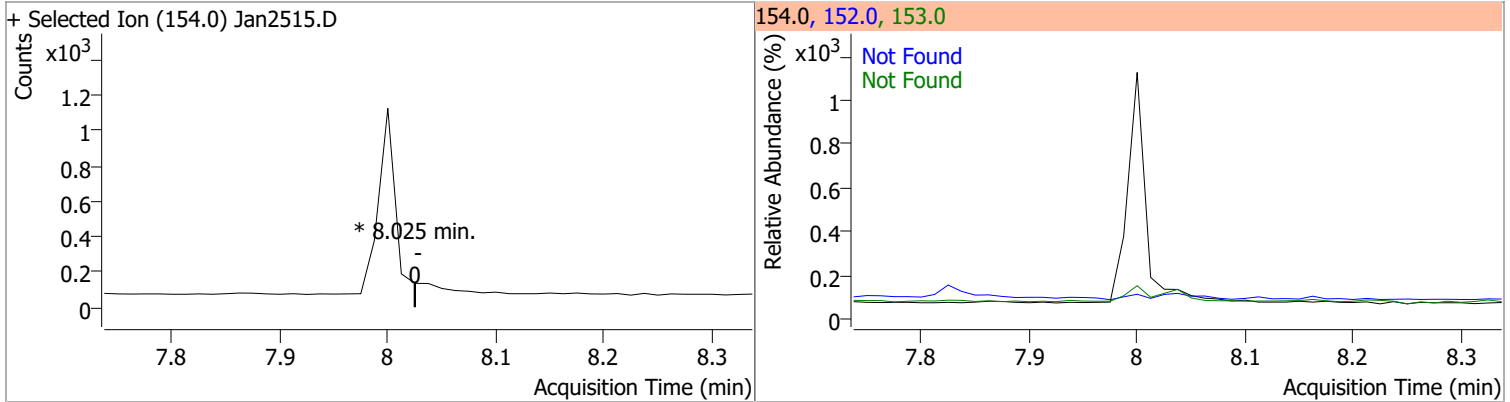
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	59.7366	7.25	-0.01	605854	171.0	36.5	26.6	49.5



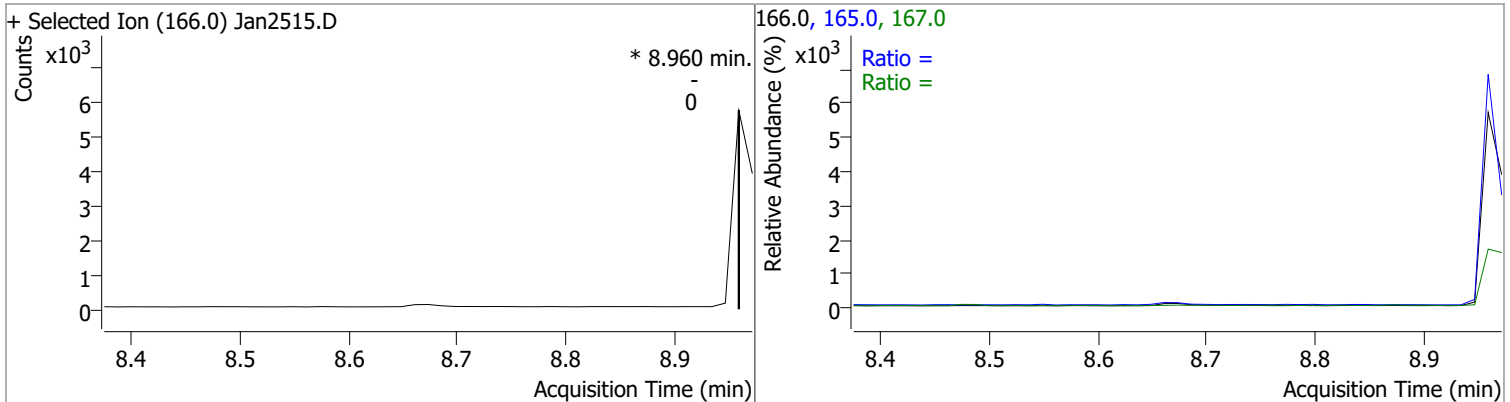
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1

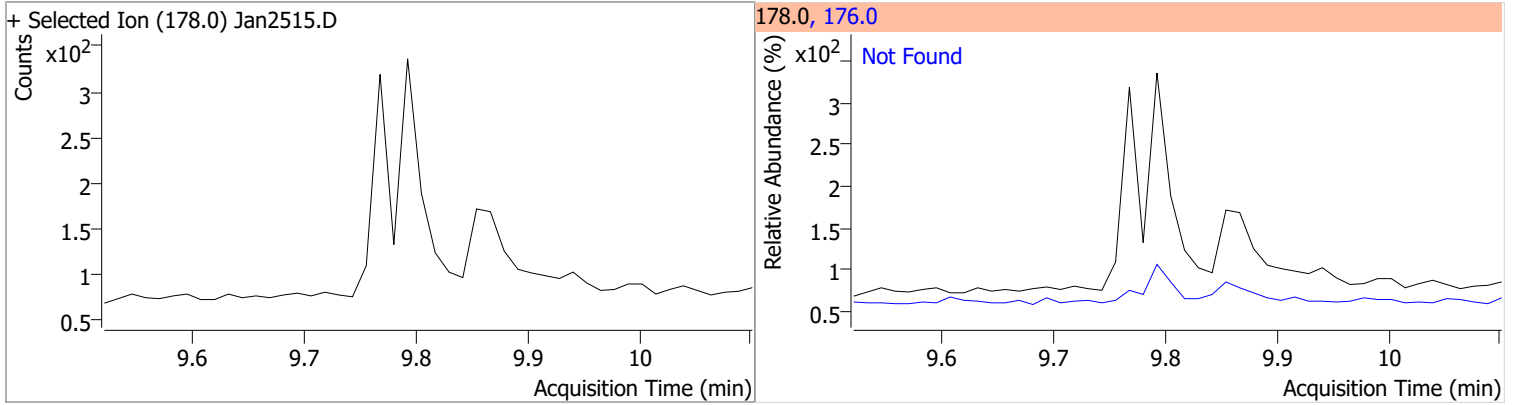


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		69.1	128.3
					167.0		9.7	18.0

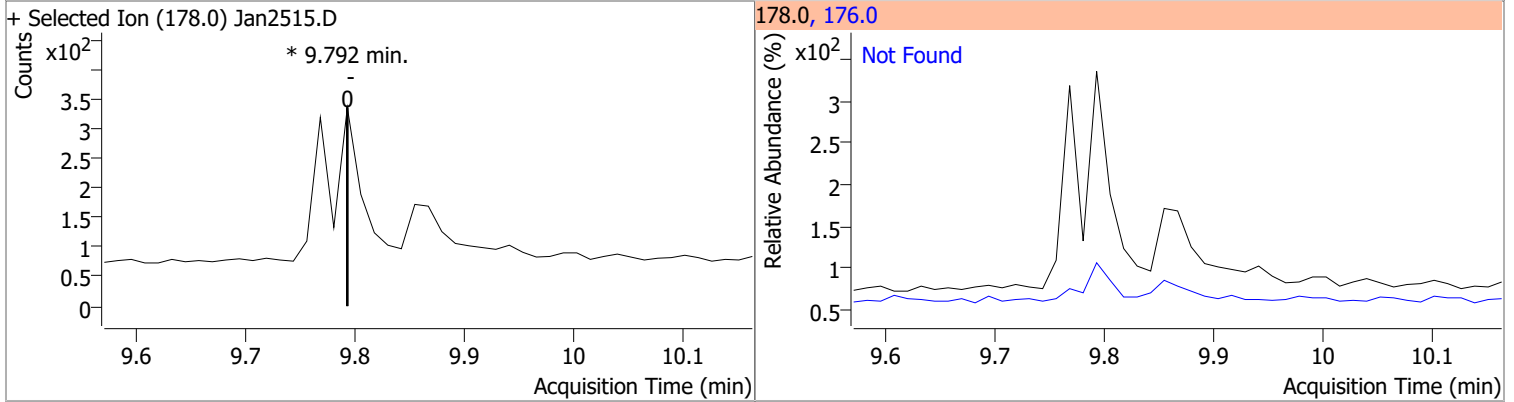


# Quantitation Results Report (QT Reviewed)

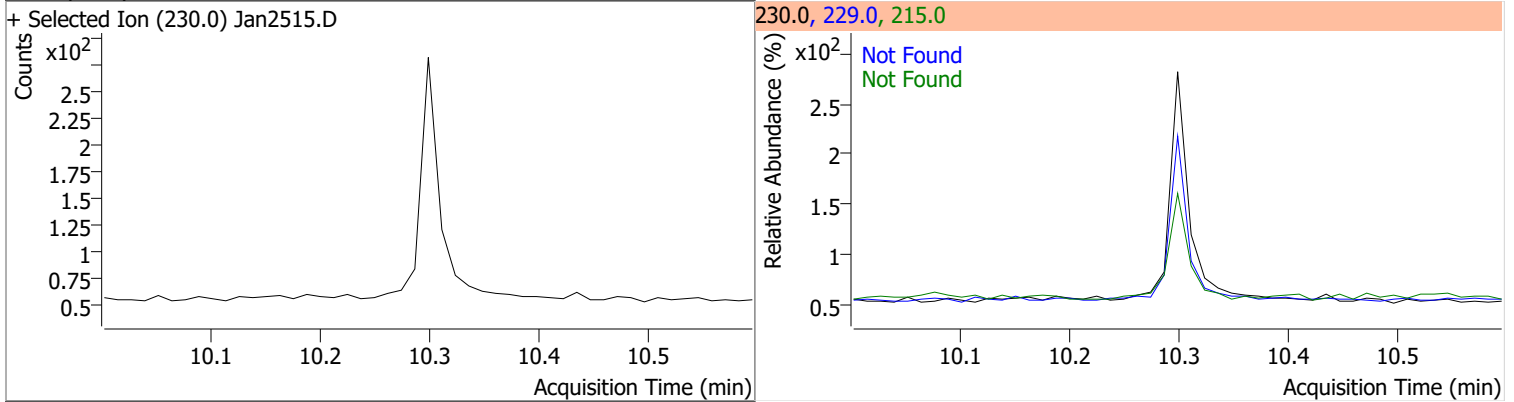
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



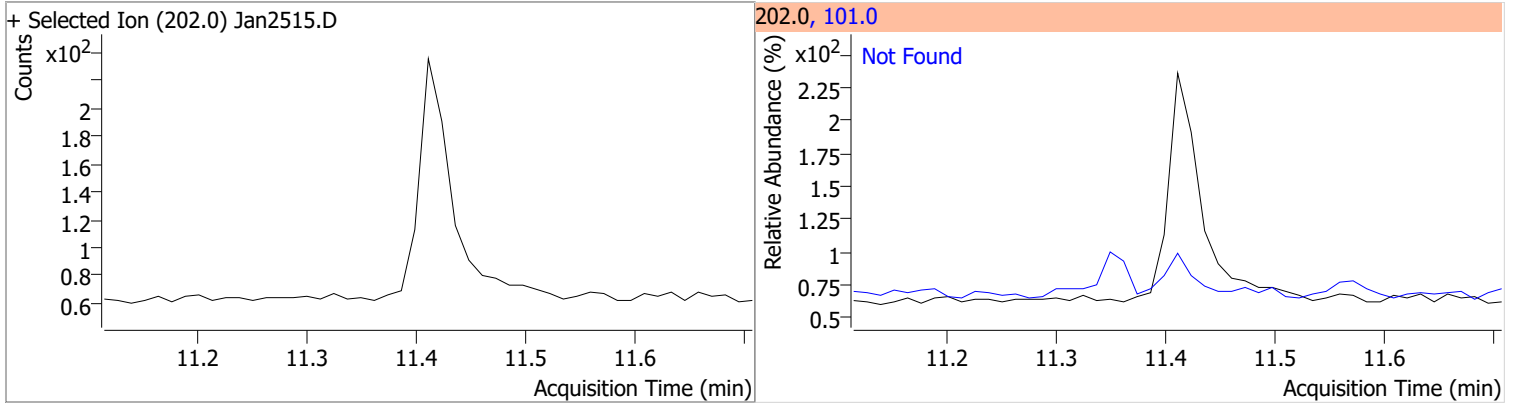
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene		0		0	176.0		12.7	23.5



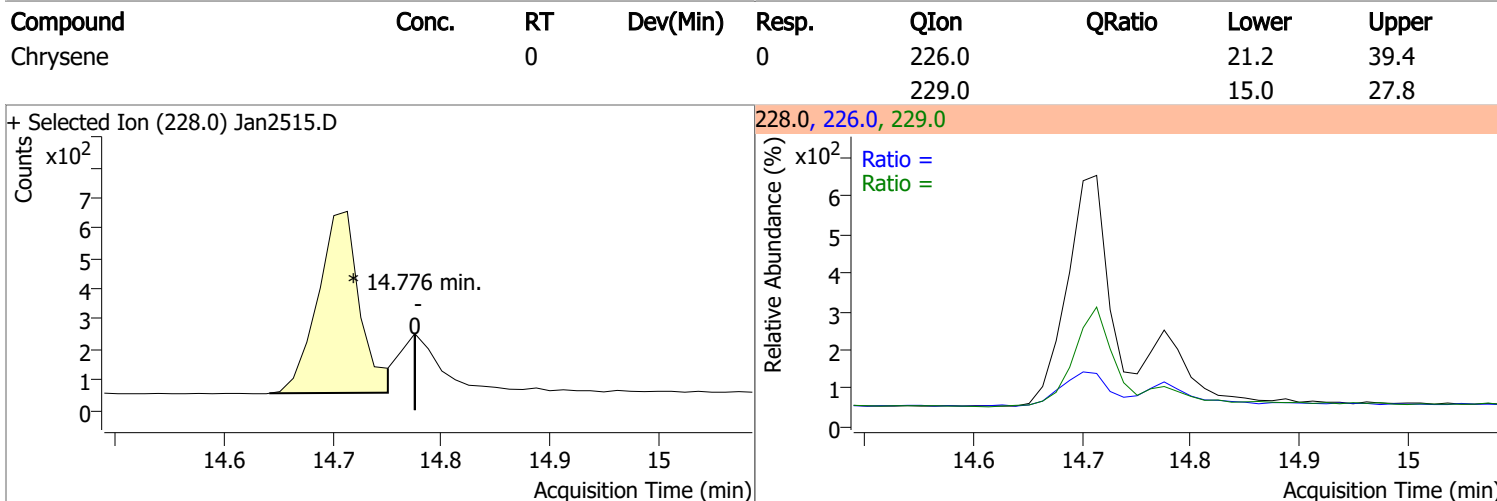
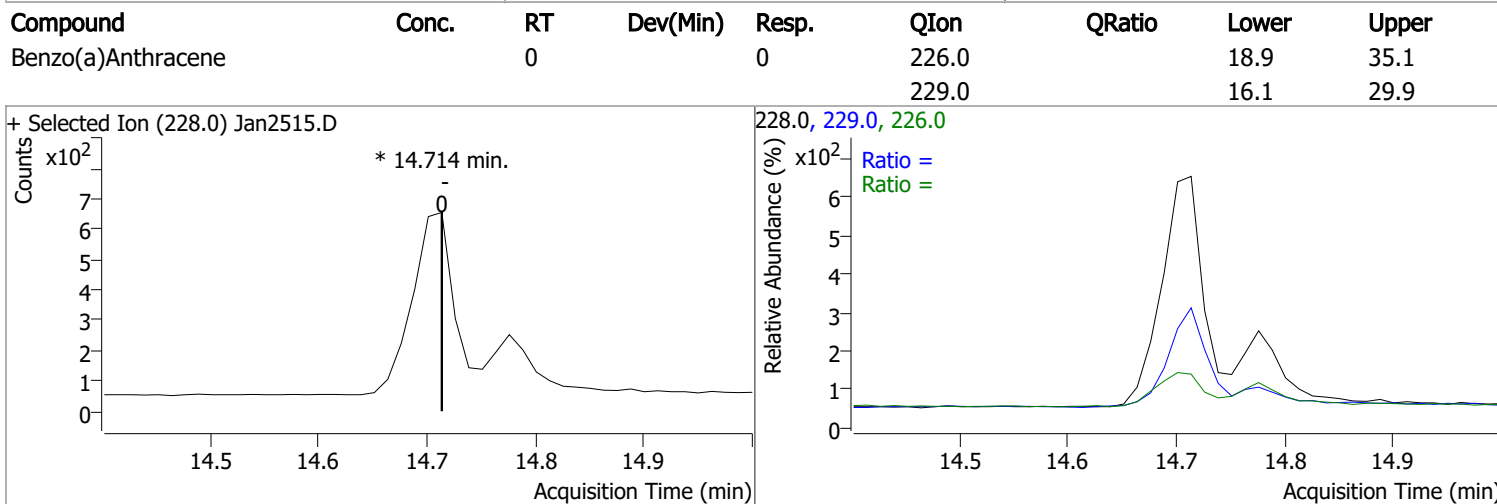
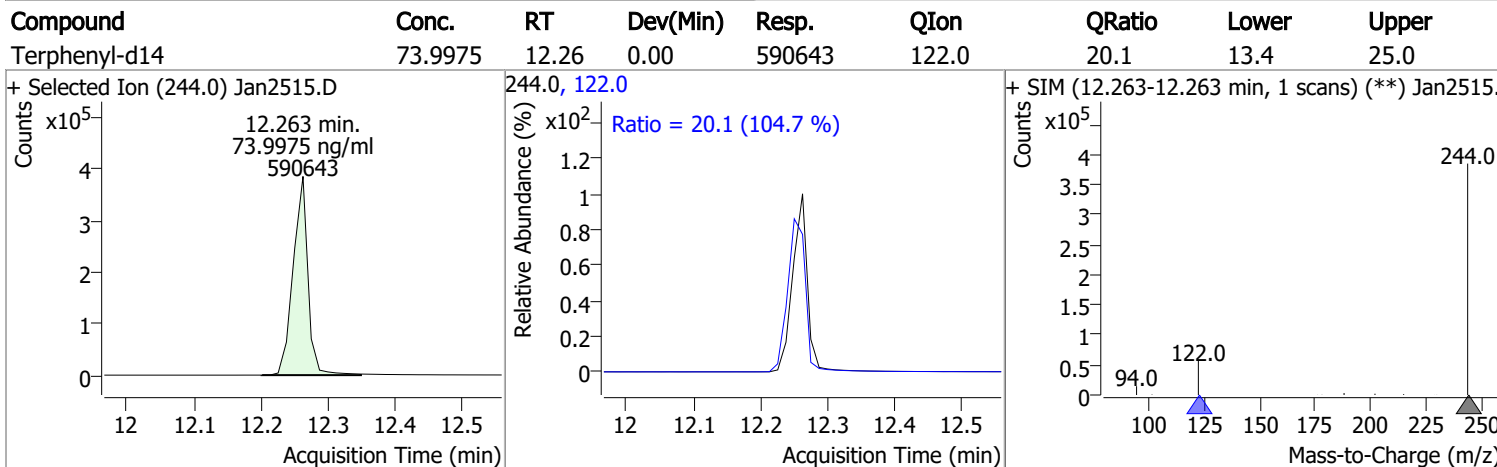
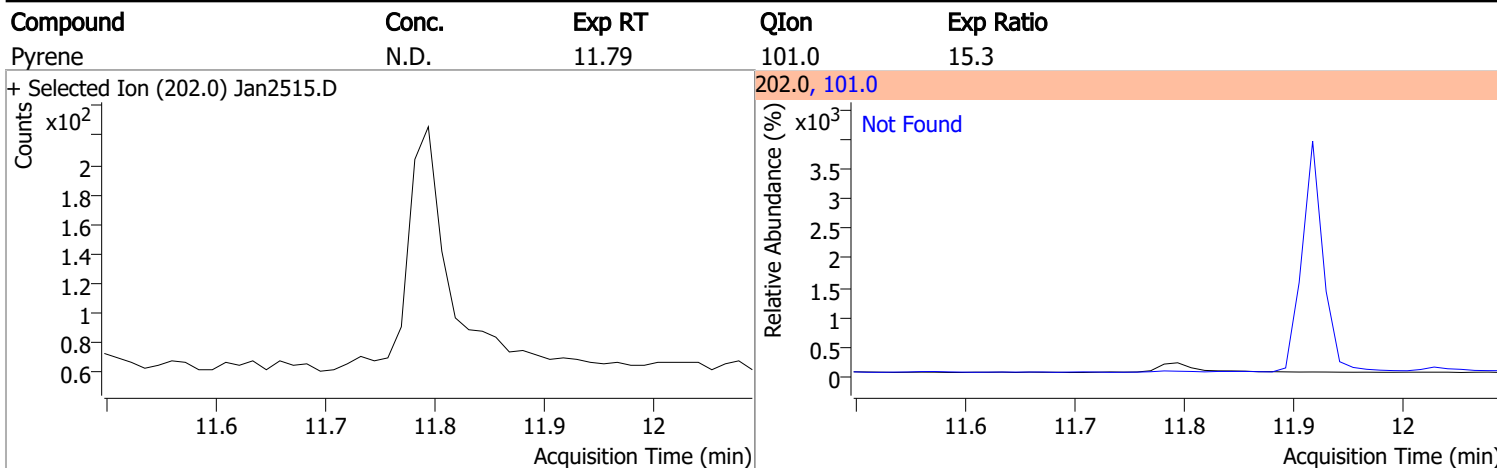
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	70.2	215.0	46.7



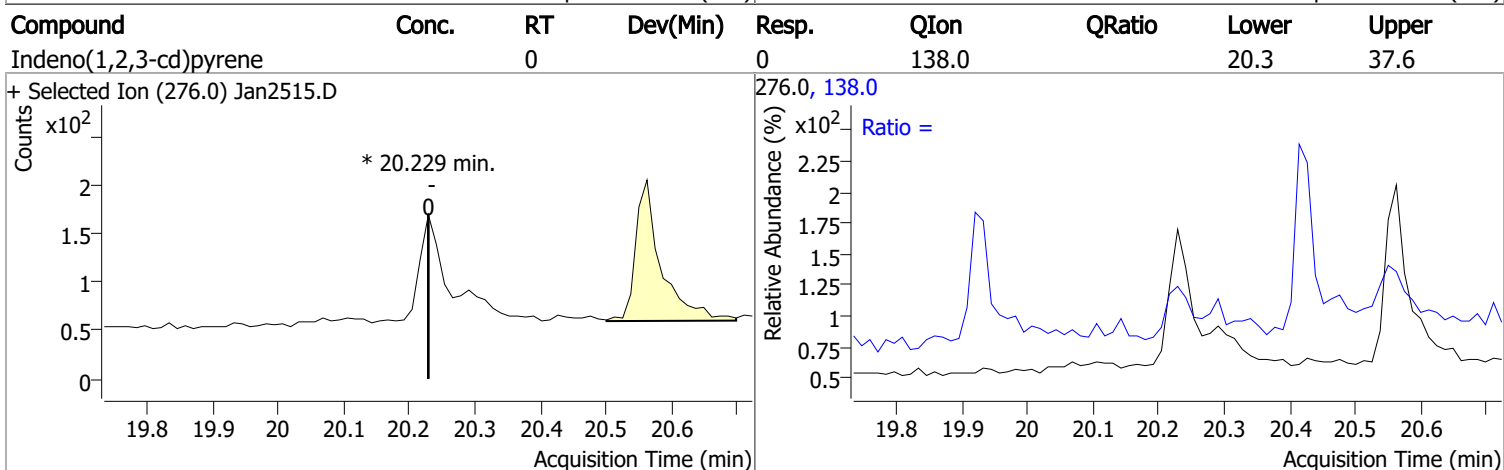
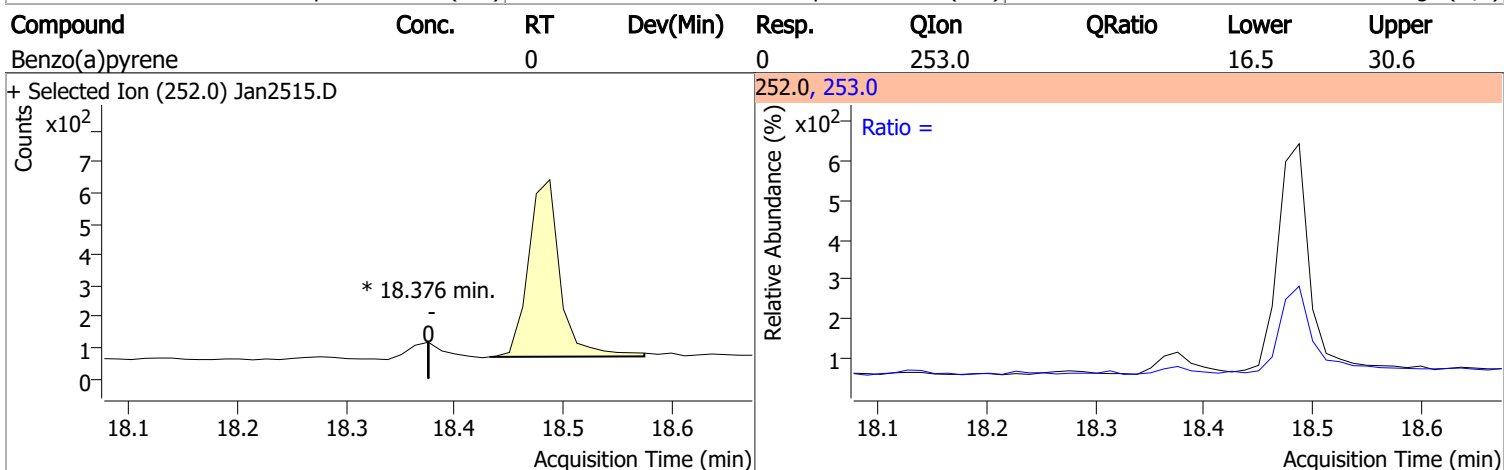
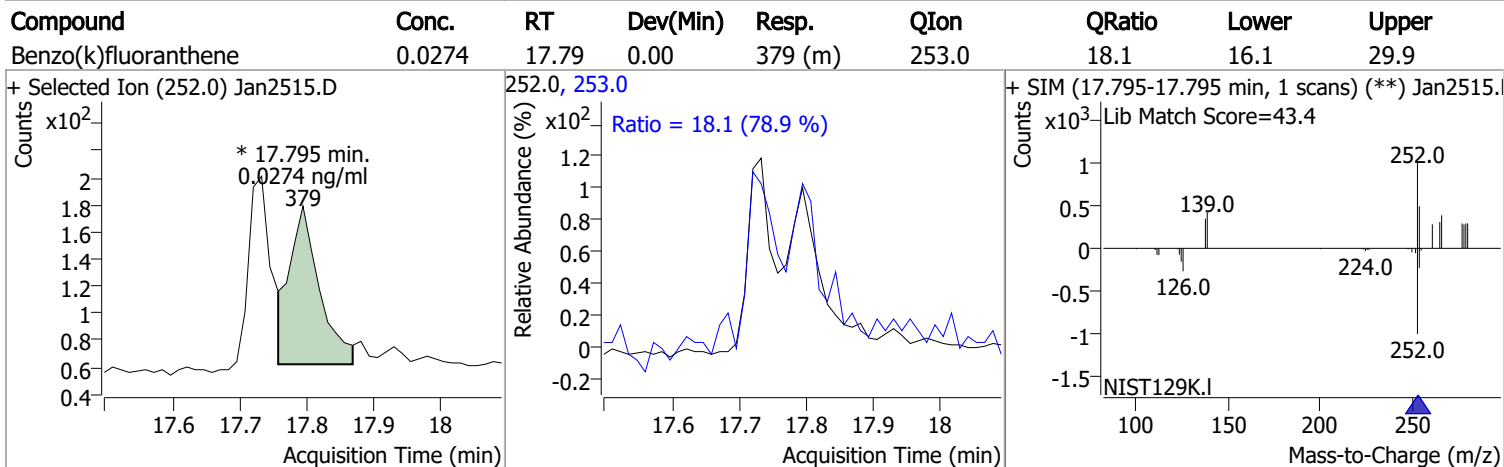
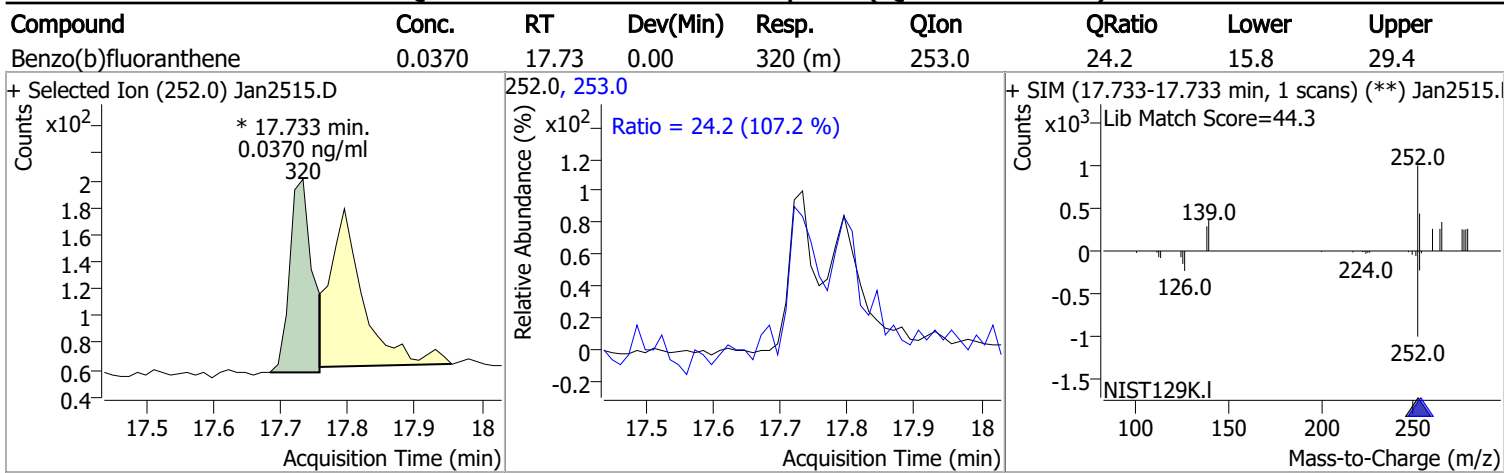
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8



# Quantitation Results Report (QT Reviewed)



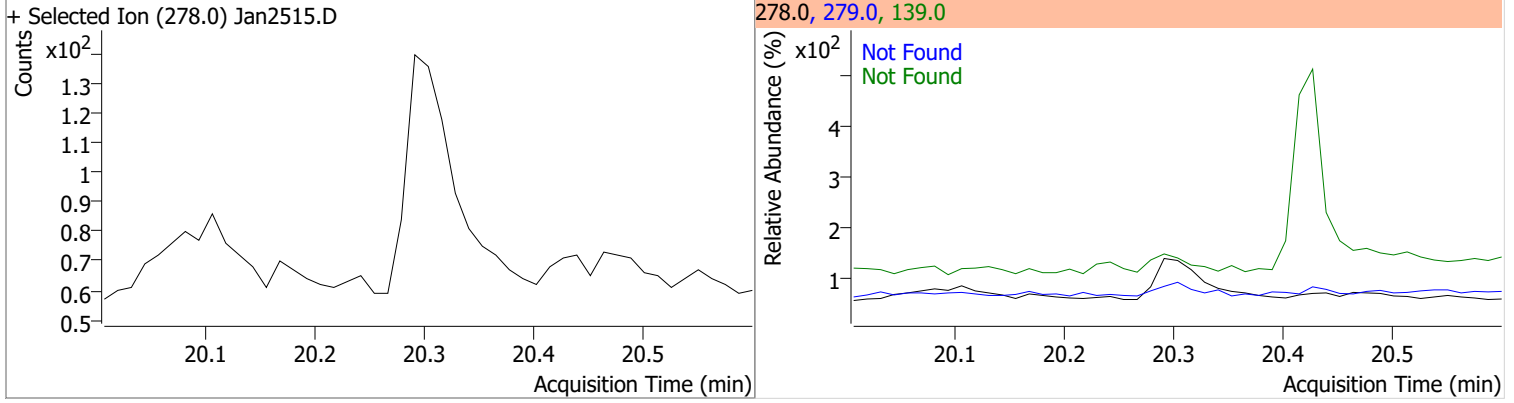
# Quantitation Results Report (QT Reviewed)



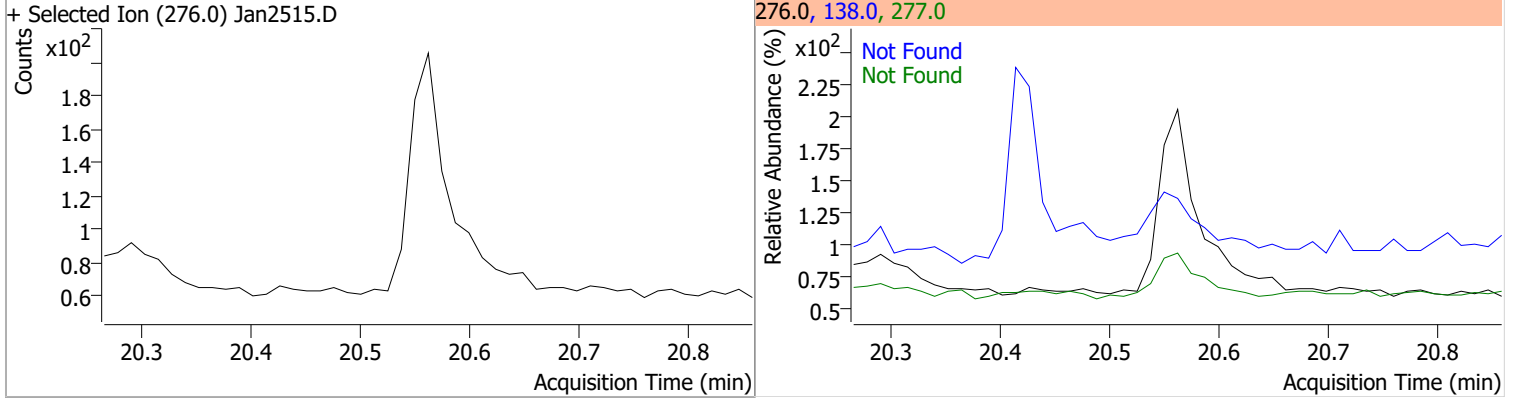


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



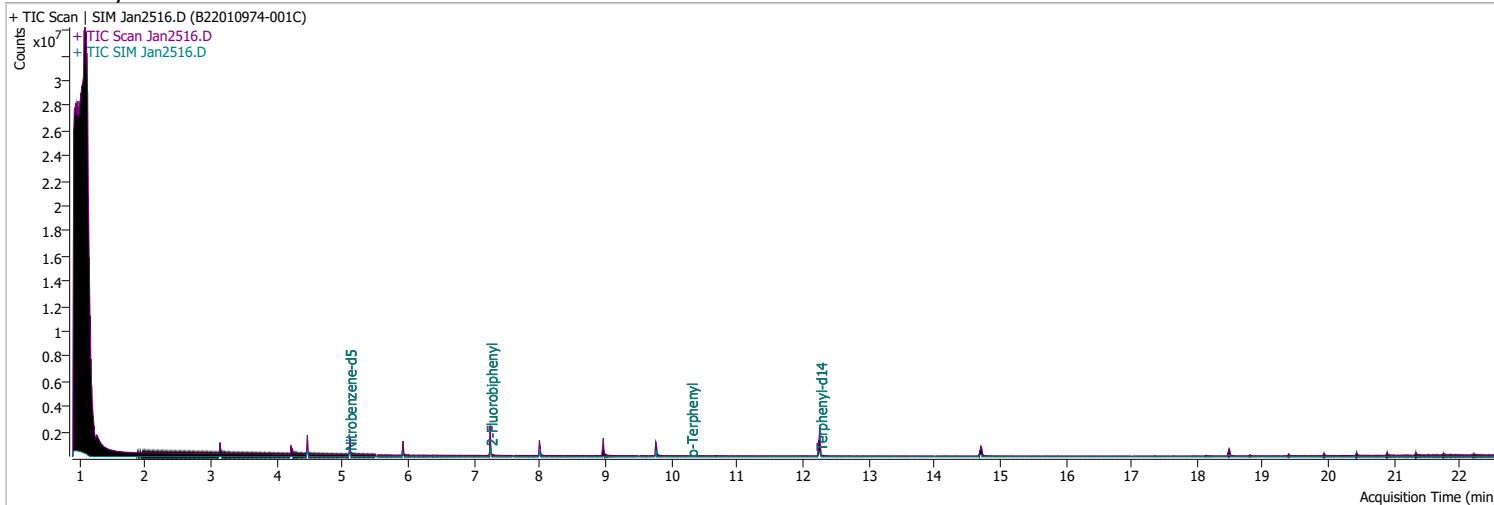
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3



# Quantitation Results Report (QT Reviewed)

Data File	Jan2516.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 6:39:31 PM
Sample Name	B22010974-001C	Instrument	GCMS
Vial	16	Multiplier	1.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	208219	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	355010	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.001	164.0	216368	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	429956	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	309318	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	199410	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	359096	33.9043	ng/ml	-0.037
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 678.09%		*
S 2-Fluorobiphenyl	7.252	172.0	627749	60.3599	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1207.20%		*
S o-Terphenyl	10.299	230.0	2570	0.3672	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 7.34%		*
S Terphenyl-d14	12.263	244.0	536132	66.8247	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1336.49%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.038	154.0	0		ng/ml	md 1
T Fluorene	8.960	166.0	0		ng/ml	md 1
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.714	228.0	0		ng/ml	md 1
T Chrysene	14.776	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	0.000		0	N.D.		

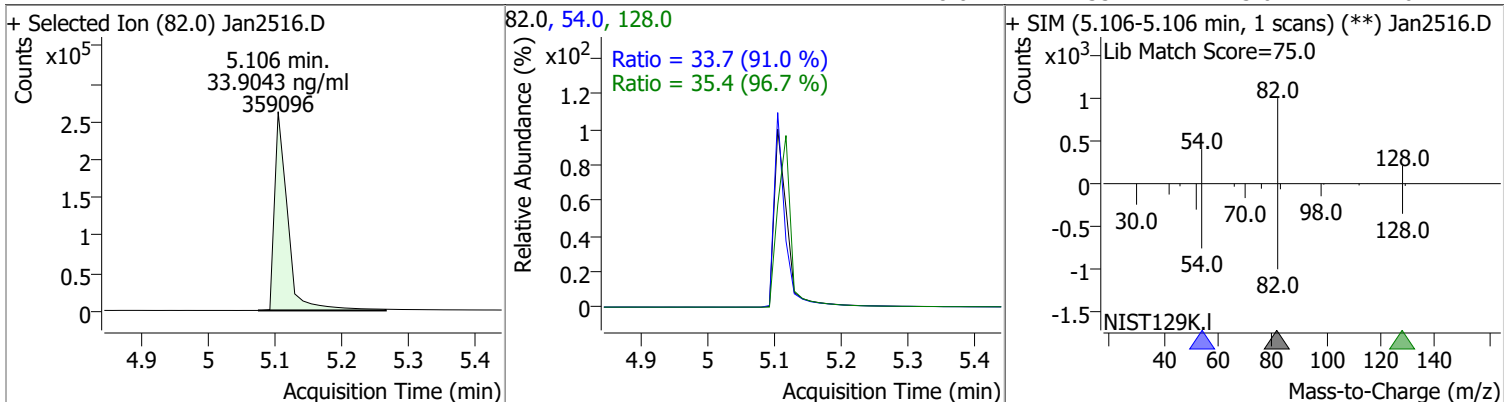
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.376	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

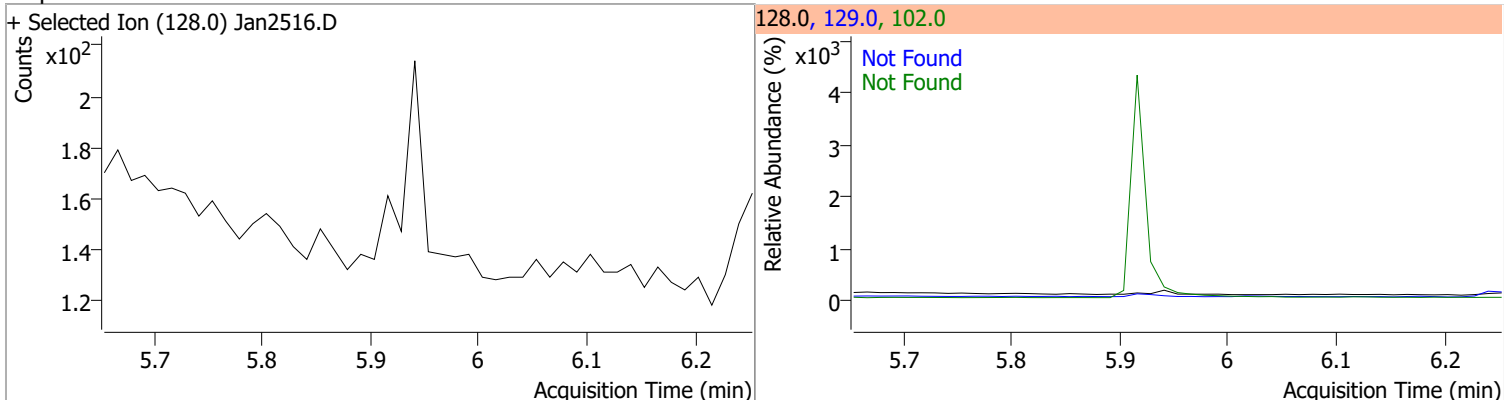
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

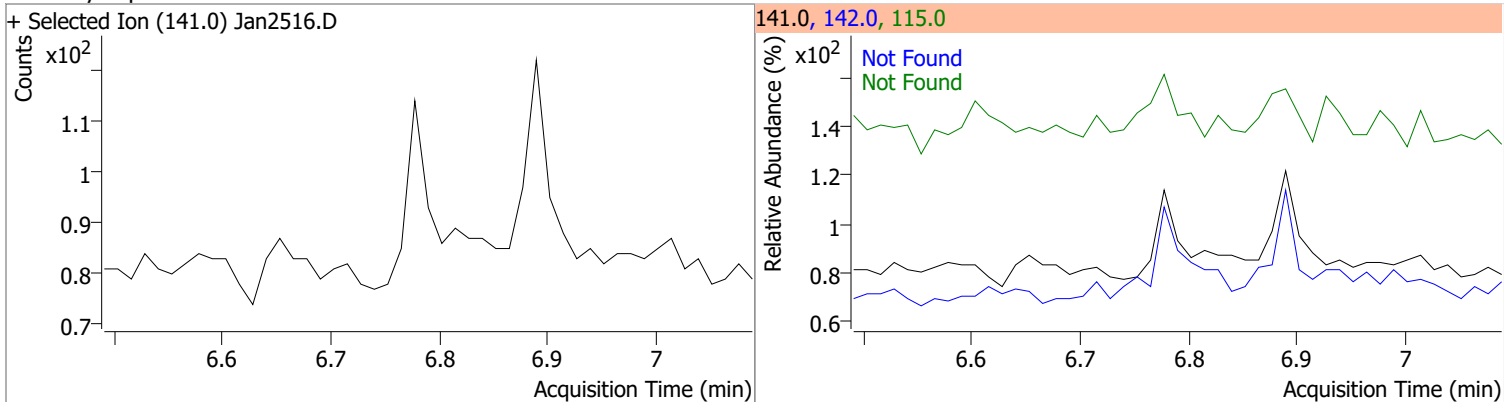
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	33.9043	5.11	-0.04	359096	54.0	33.7	25.9	48.1
					128.0	35.4	25.6	47.6



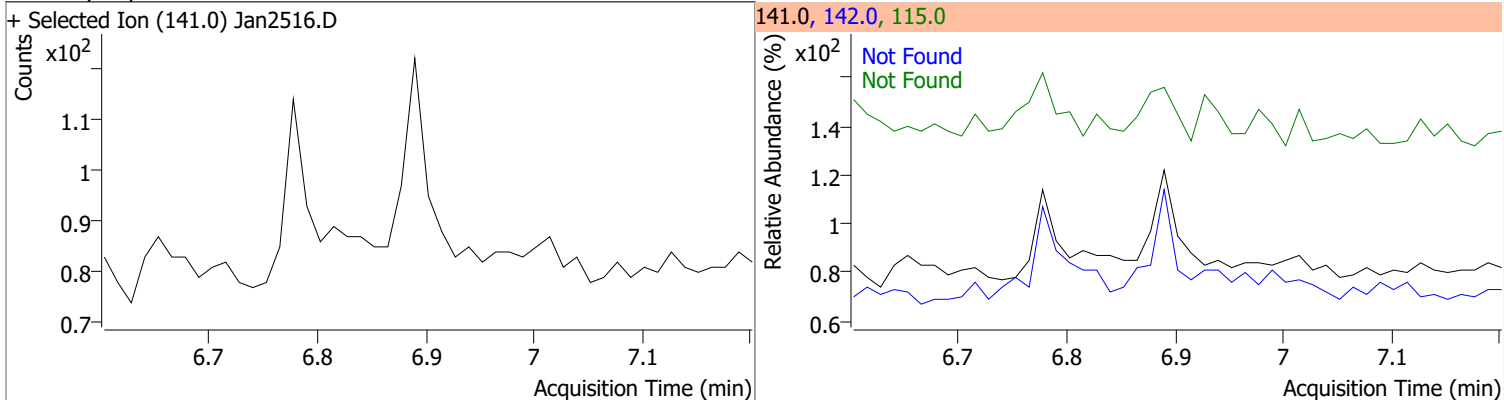
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7

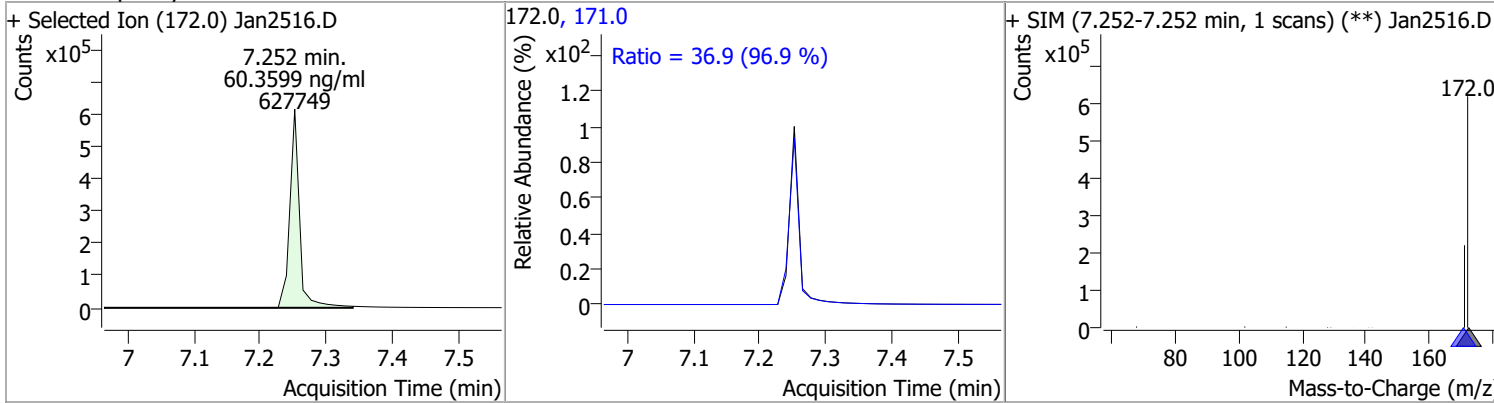


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

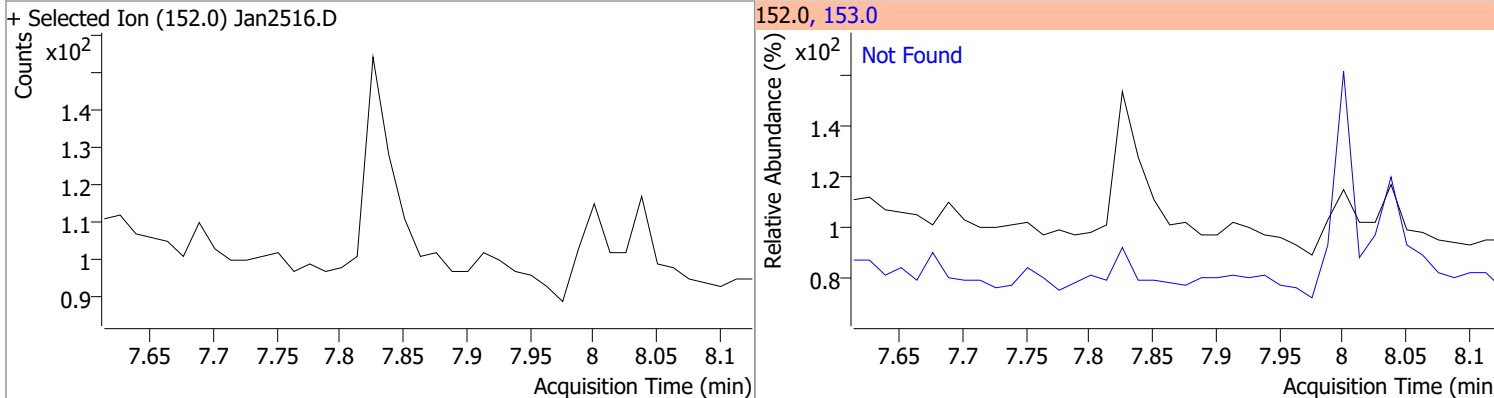


# Quantitation Results Report (QT Reviewed)

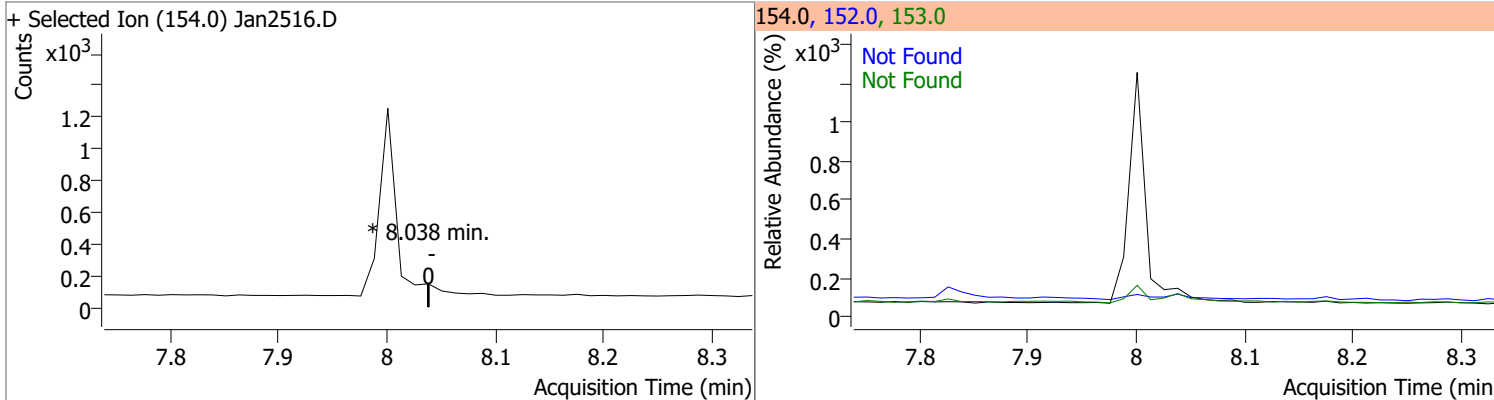
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	60.3599	7.25	-0.01	627749	171.0	36.9	26.6	49.5



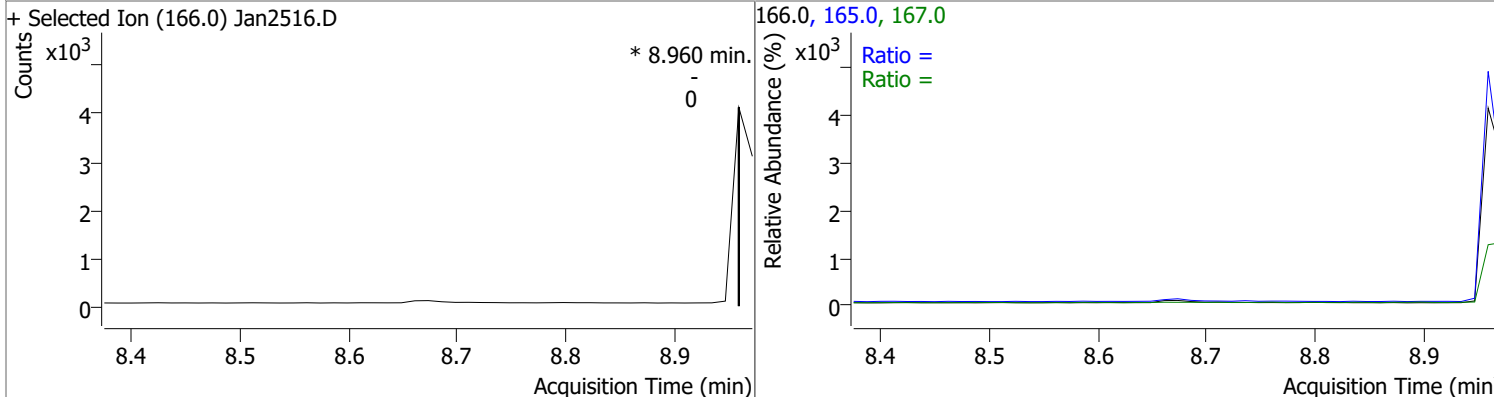
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1

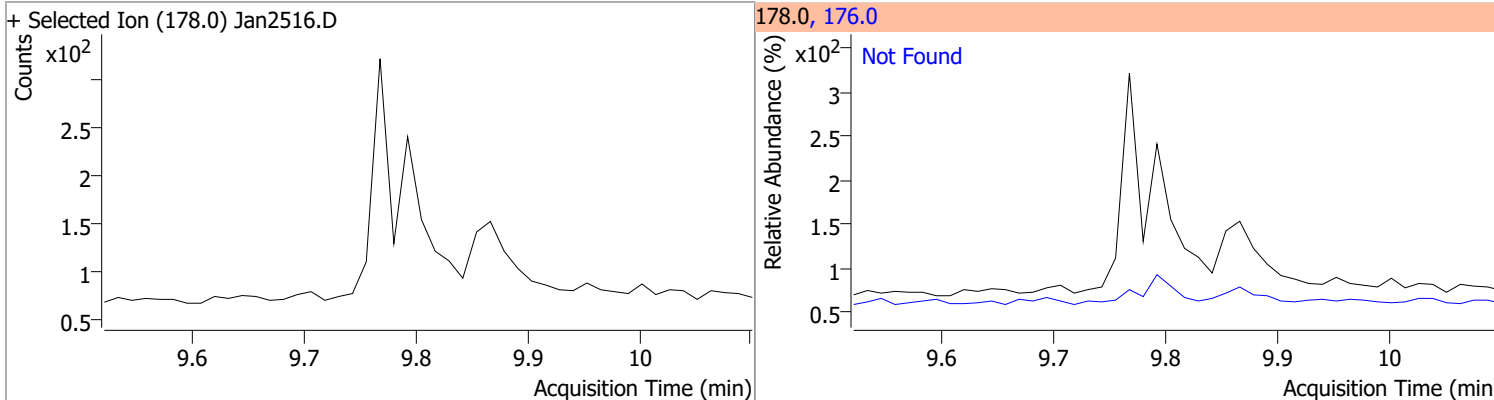


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		69.1	128.3
					167.0		9.7	18.0

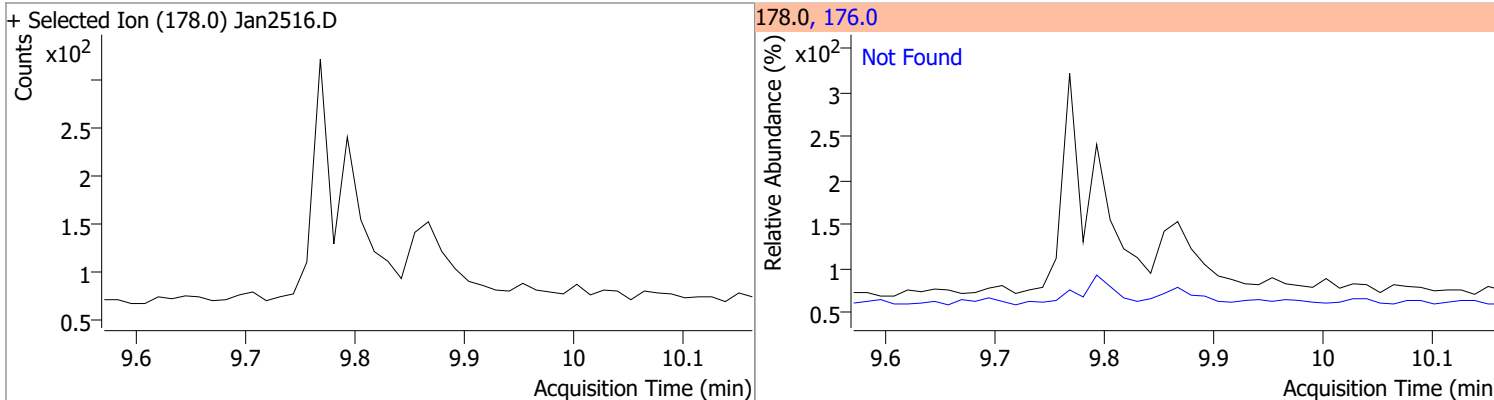


# Quantitation Results Report (QT Reviewed)

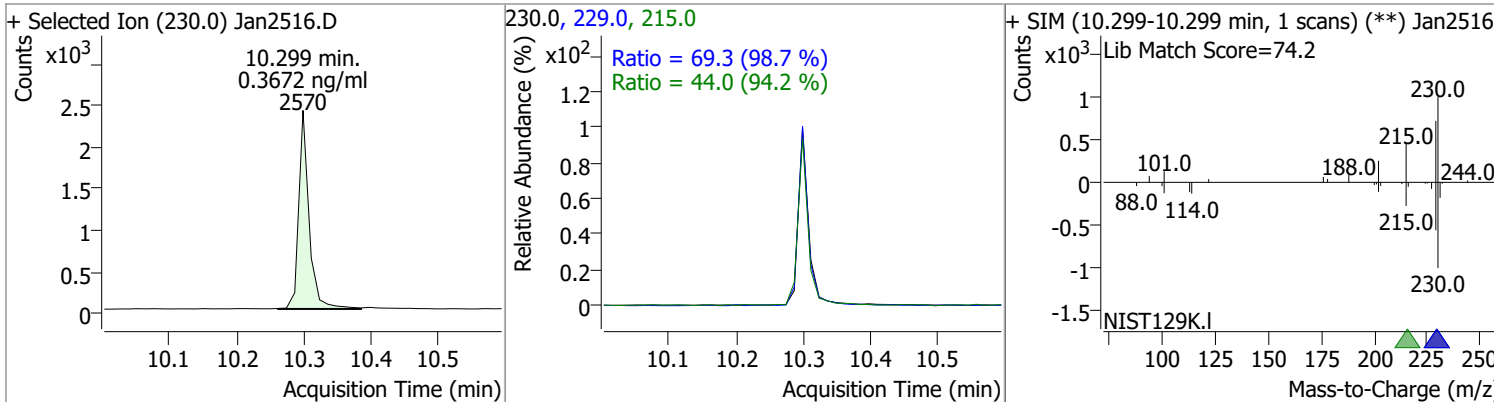
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



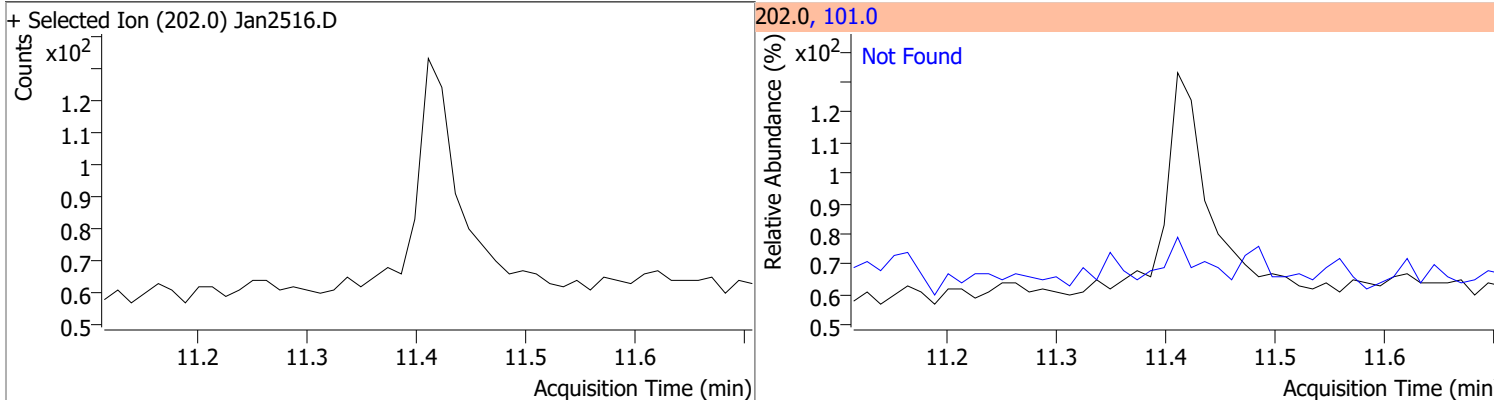
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.87	176.0	18.1



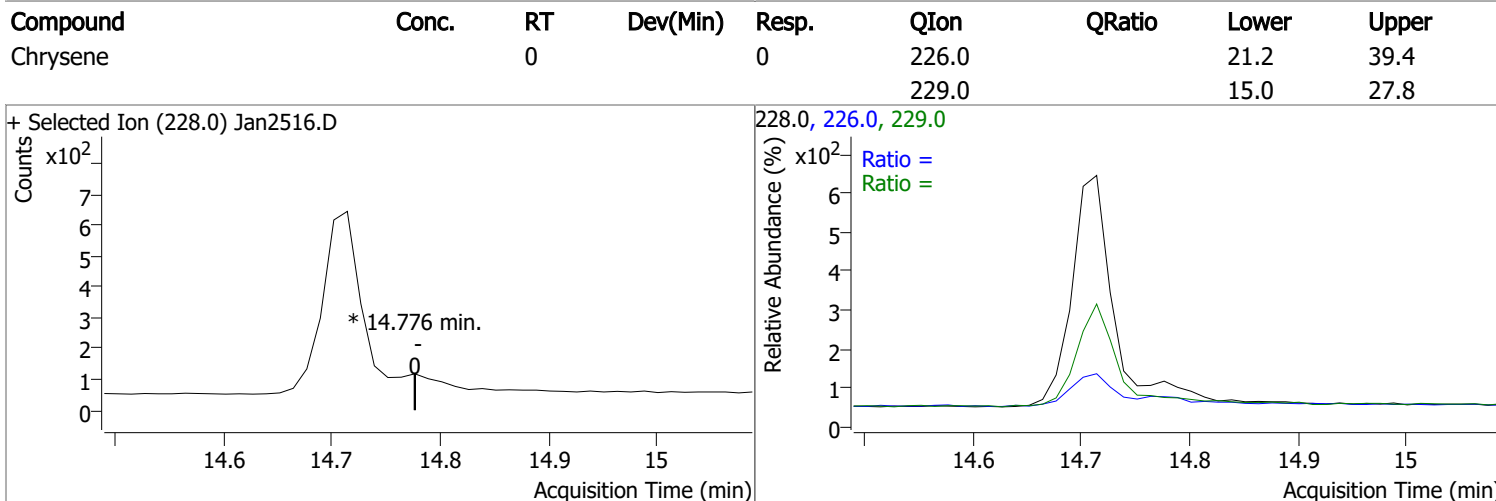
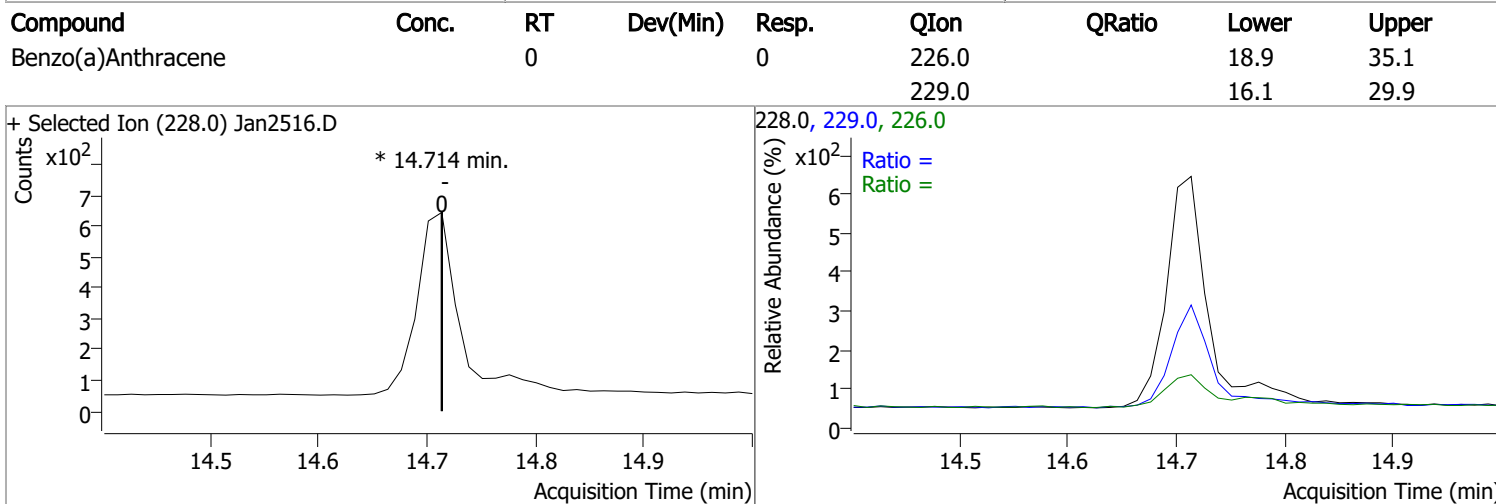
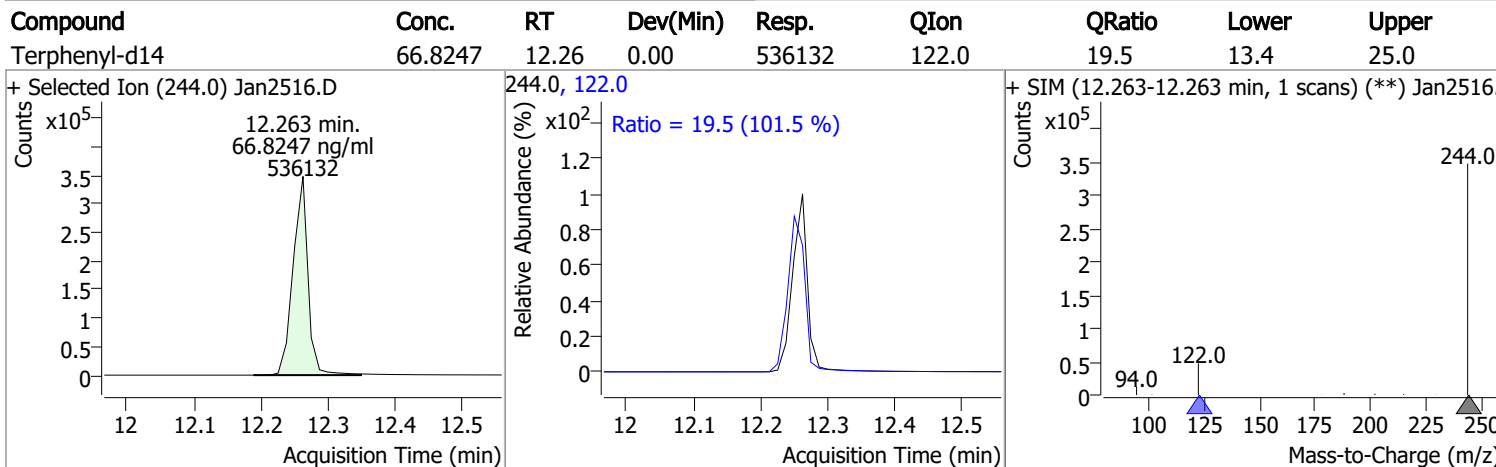
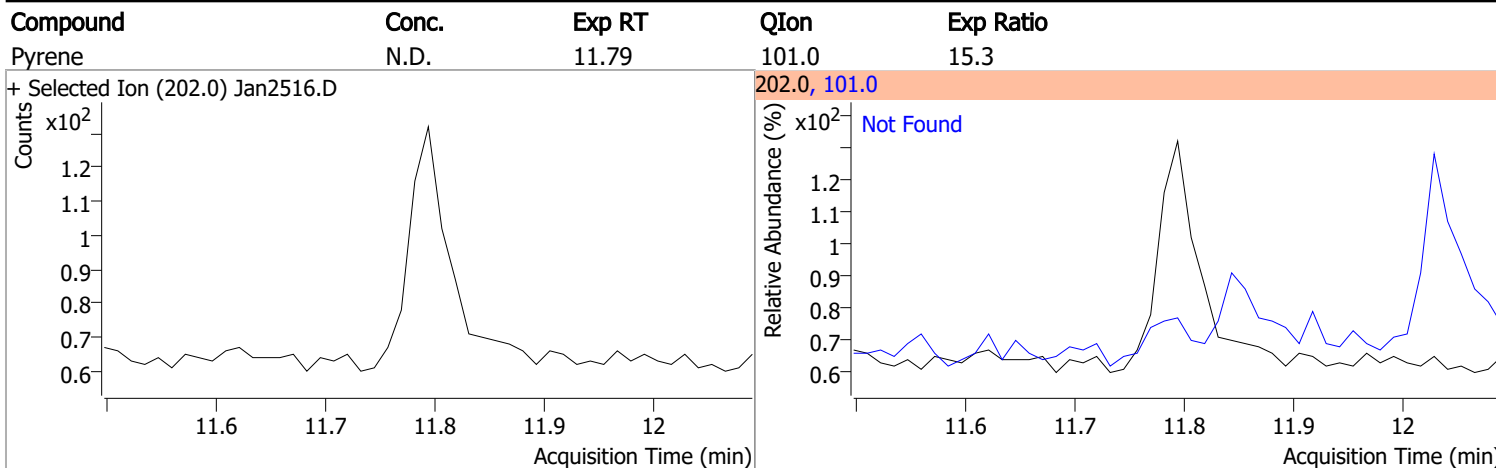
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.3672	10.30	0.00	2570	229.0	69.3	49.2	91.3
					215.0	44.0	32.7	60.7



Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8

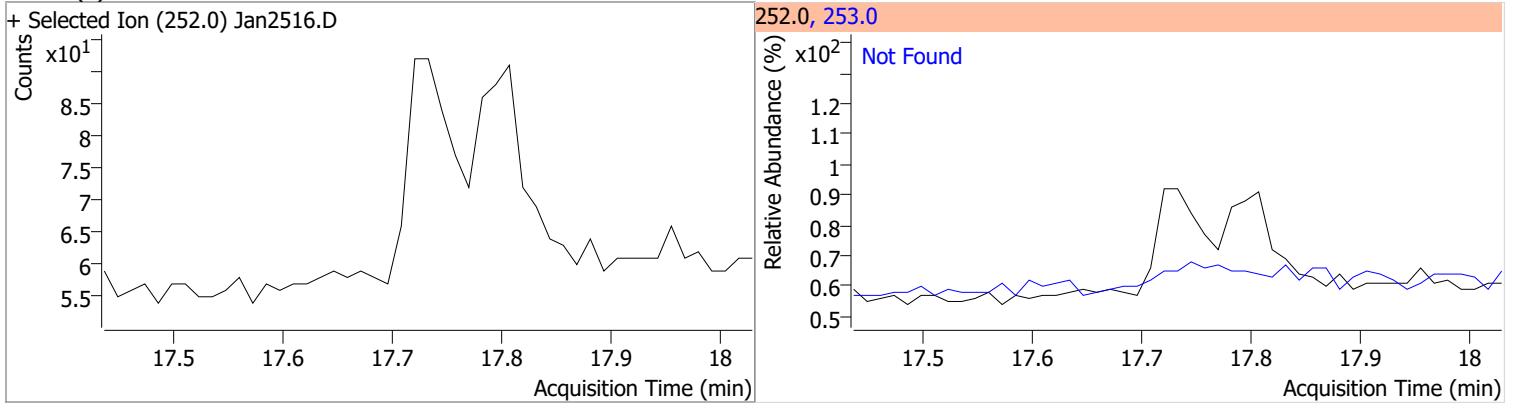


# Quantitation Results Report (QT Reviewed)

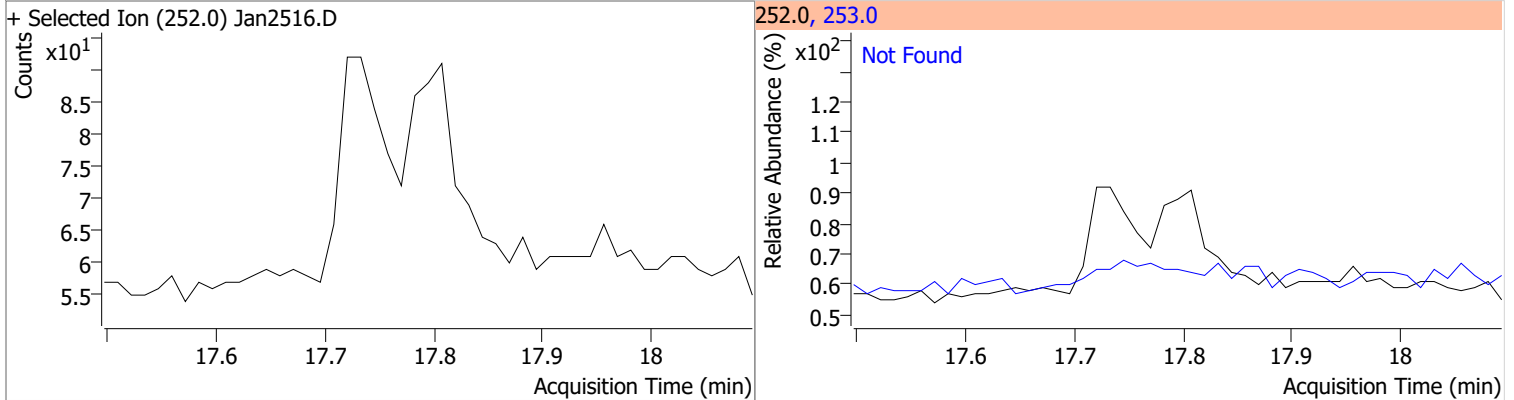


# Quantitation Results Report (QT Reviewed)

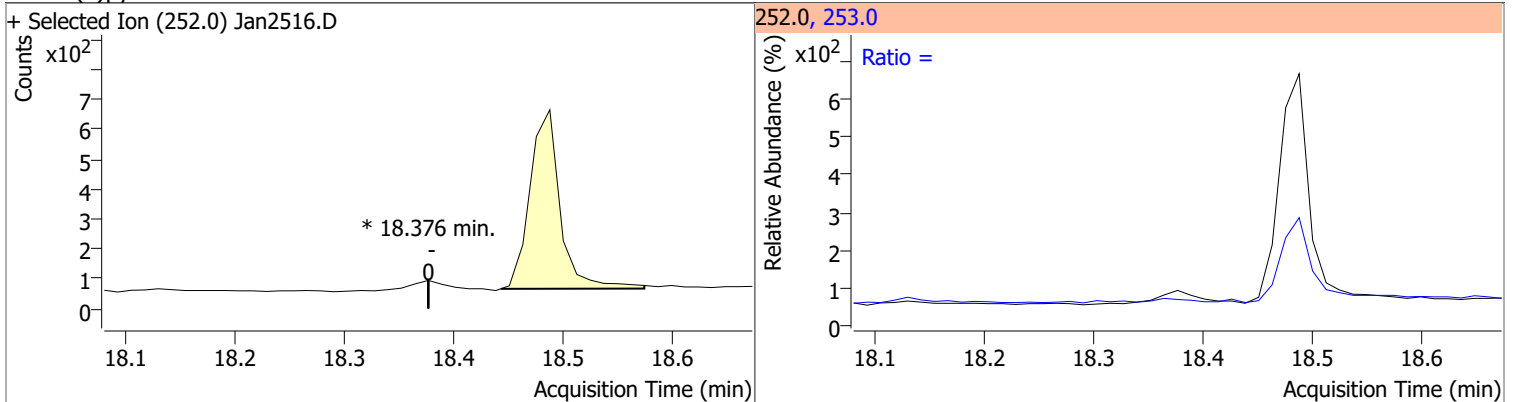
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



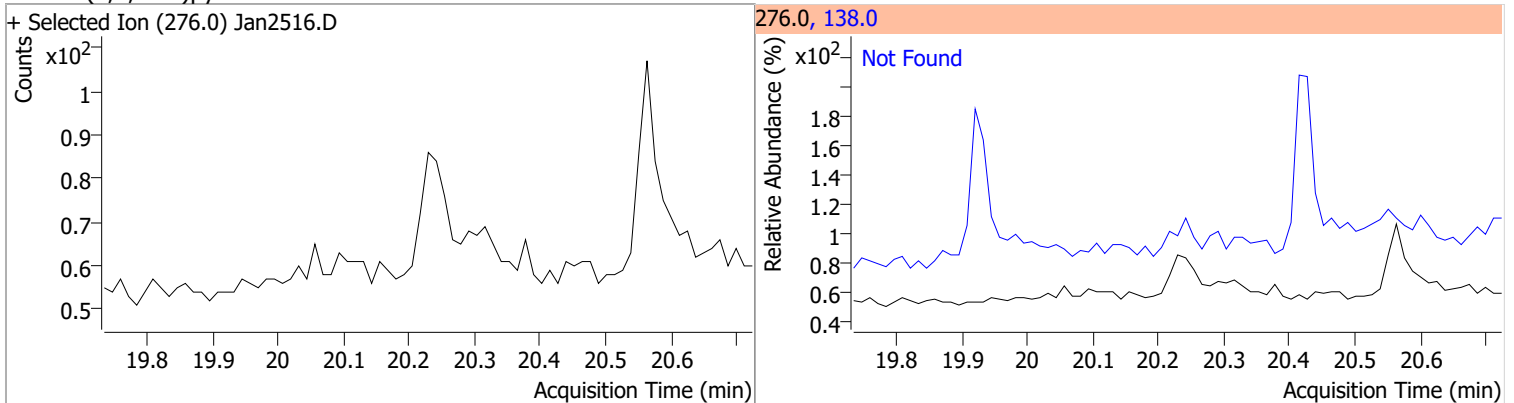
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



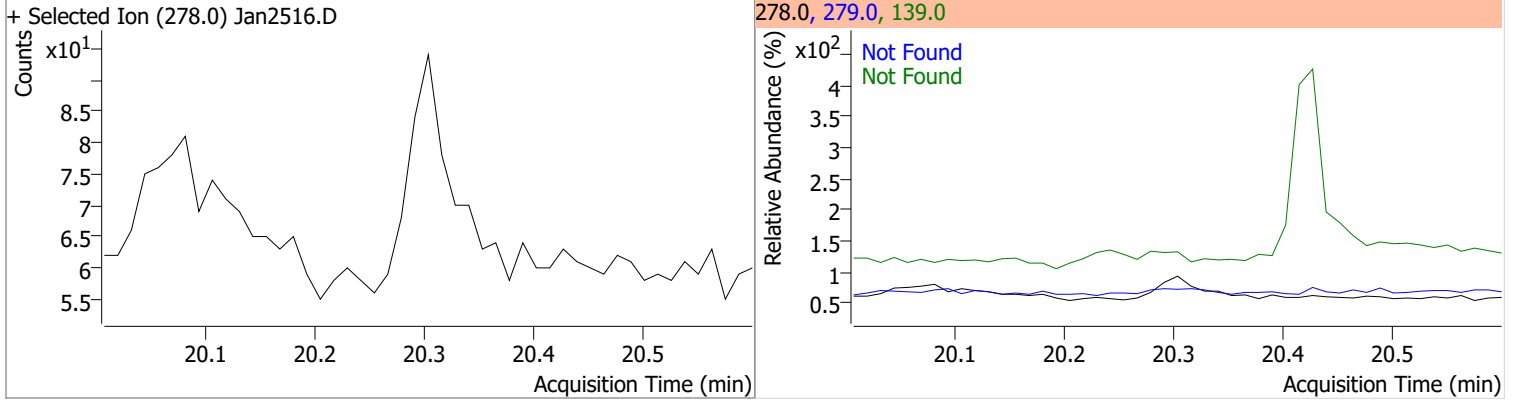
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



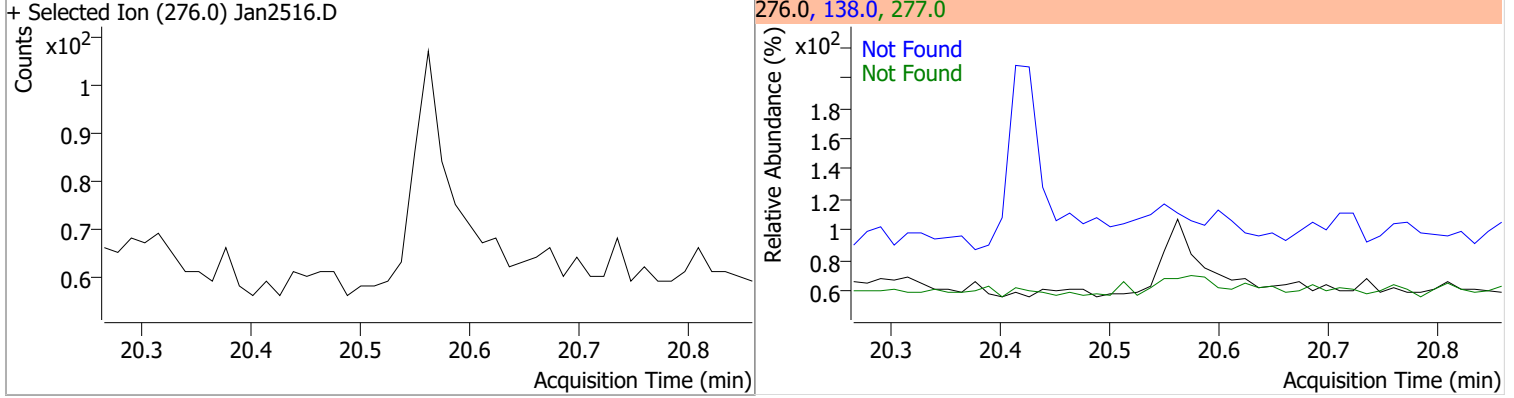


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



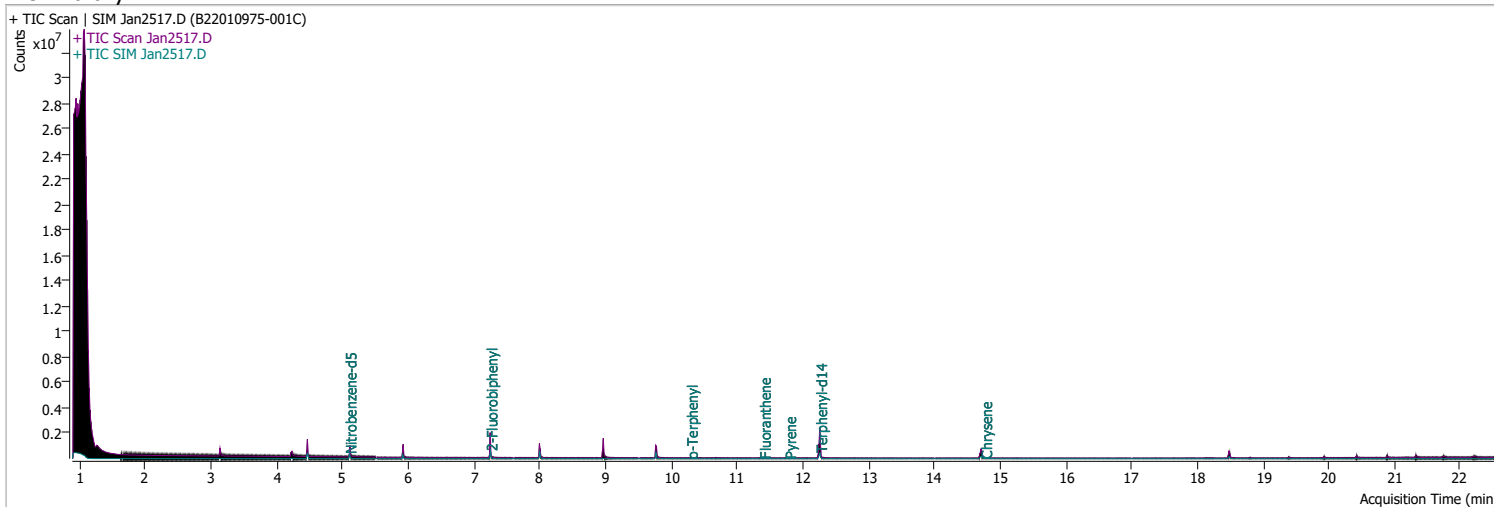
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3



# Quantitation Results Report (QT Reviewed)

Data File	Jan2517.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 7:11:59 PM
Sample Name	B22010975-001C	Instrument	GCMS
Vial	17	Multiplier	1.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	188932	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	336719	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.001	164.0	196229	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	403452	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	288612	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	183033	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	278481	30.8287	ng/ml	-0.037
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 616.57%		*
S 2-Fluorobiphenyl	7.252	172.0	489292	51.8751	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1037.50%		*
S o-Terphenyl	10.299	230.0	591	0.0899	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 1.80%		*
S Terphenyl-d14	12.263	244.0	542189	71.0371	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1420.74%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.038	154.0	0		ng/ml	md 1
T Fluorene	8.674	166.0	0		ng/ml	md 1
T Phenanthrene	9.793	178.0	0		ng/ml	md 1
T Anthracene	9.854	178.0	0		ng/ml	md 1
T Fluoranthene	11.411	202.0	1106	0.0809	ng/ml	94
T Pyrene	11.794	202.0	1183	0.0814	ng/ml	96
T Benzo(a)Anthracene	14.714	228.0	0		ng/ml	md 1
T Chrysene	14.776	228.0	534	0.0405	ng/ml	#m 86
T Benzo(b)fluoranthene	0.000		0	N.D.		

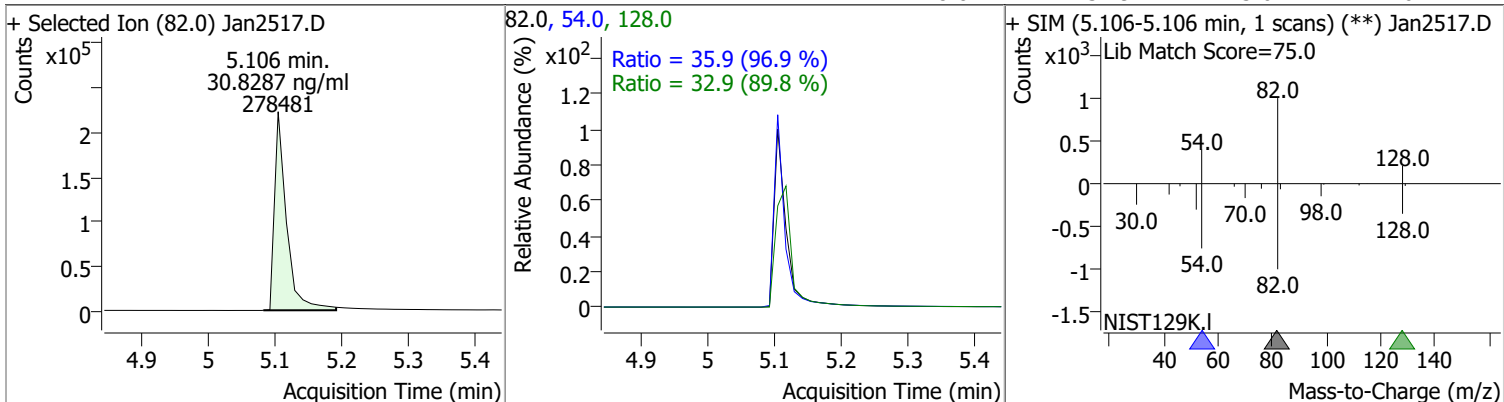
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.376	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

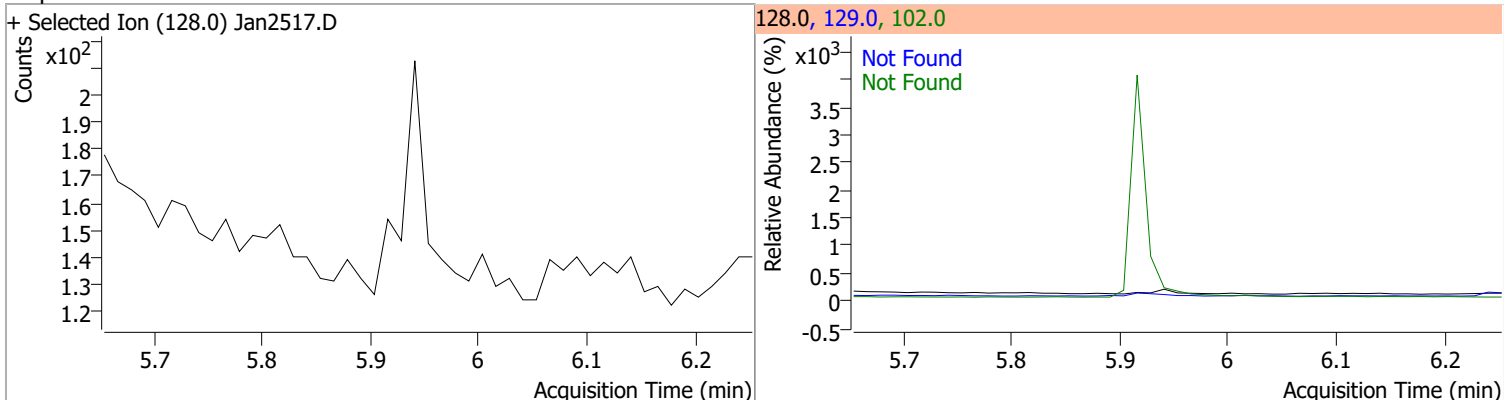
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

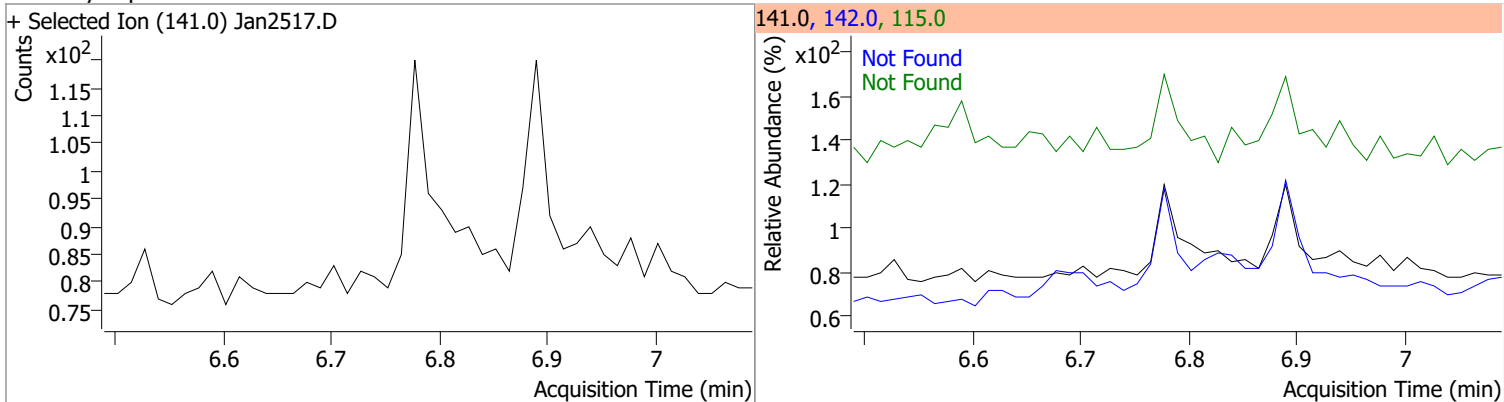
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	30.8287	5.11	-0.04	278481	54.0	35.9	25.9	48.1
					128.0	32.9	25.6	47.6



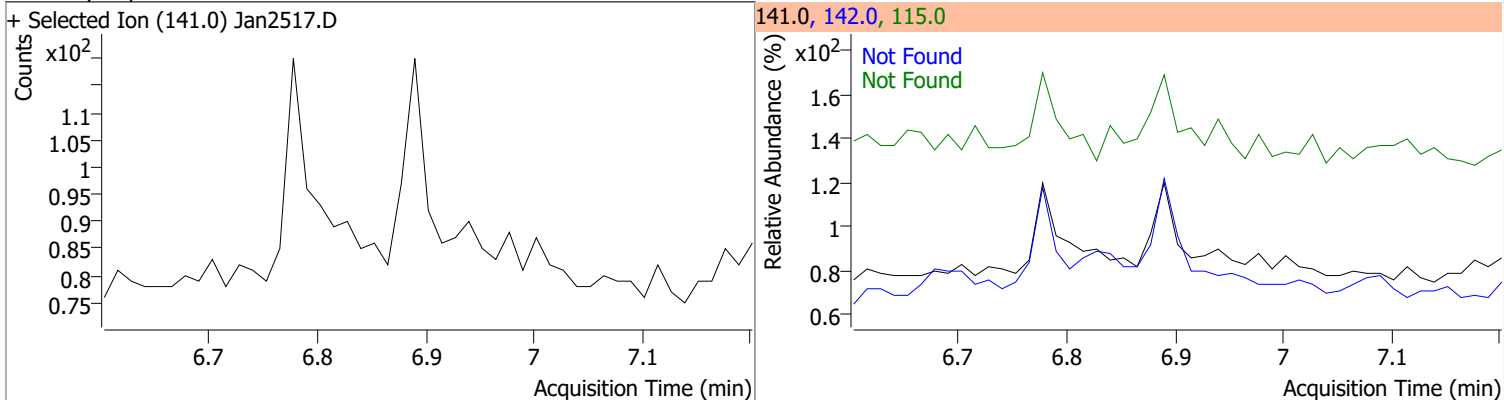
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



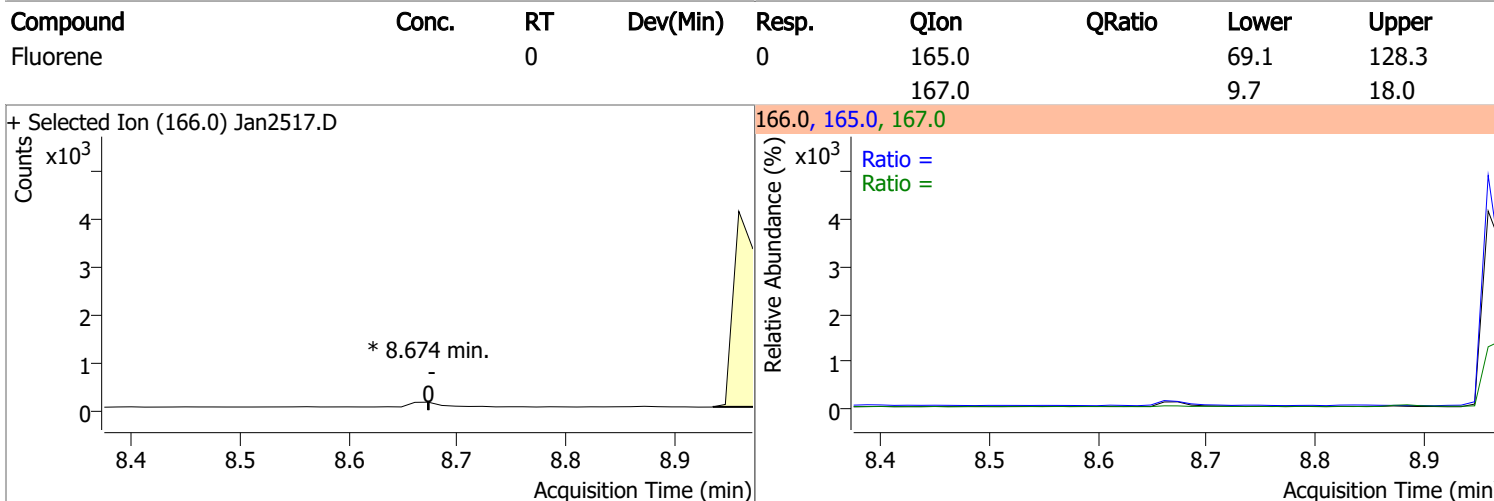
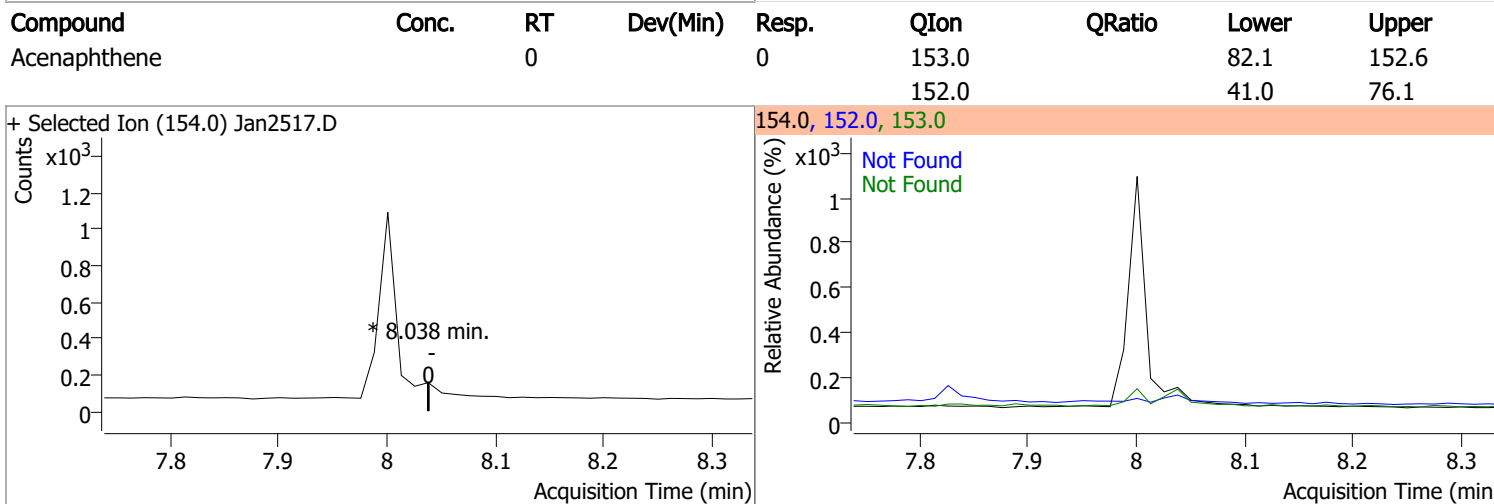
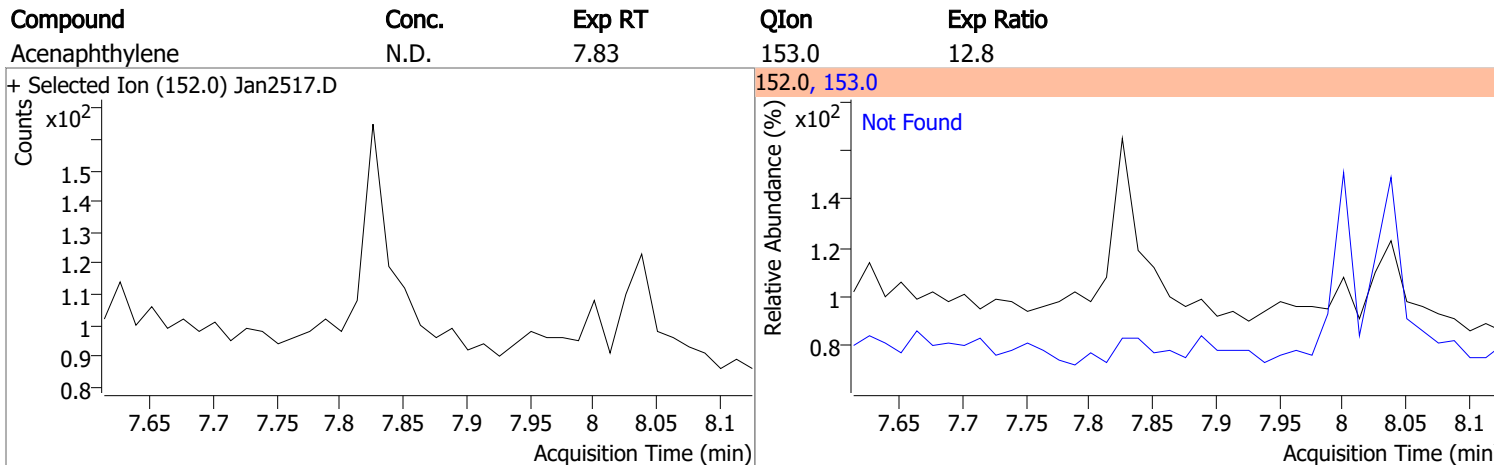
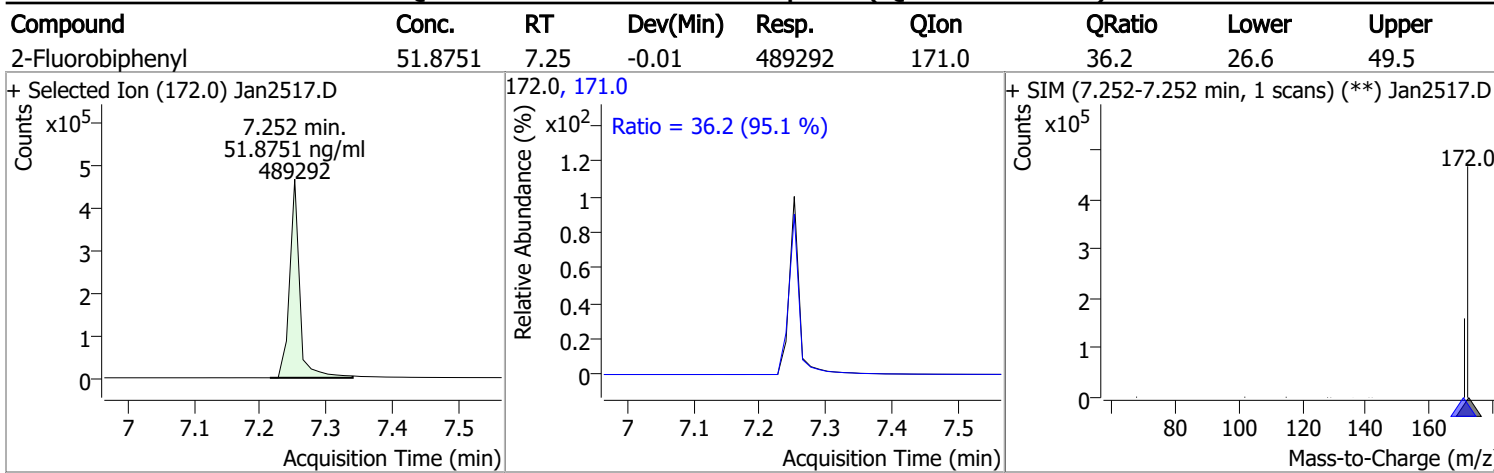
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

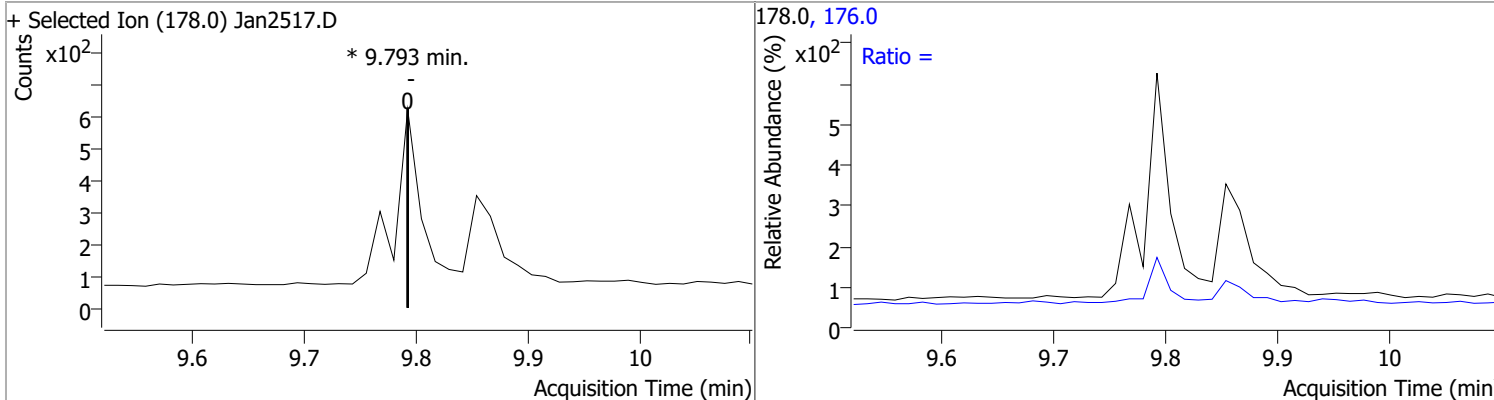


# Quantitation Results Report (QT Reviewed)

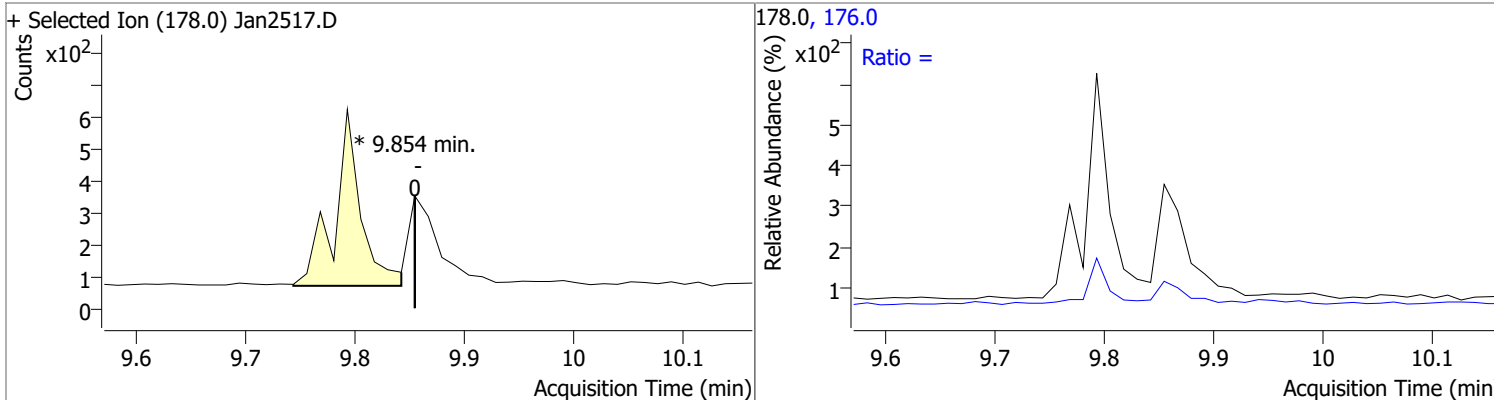


# Quantitation Results Report (QT Reviewed)

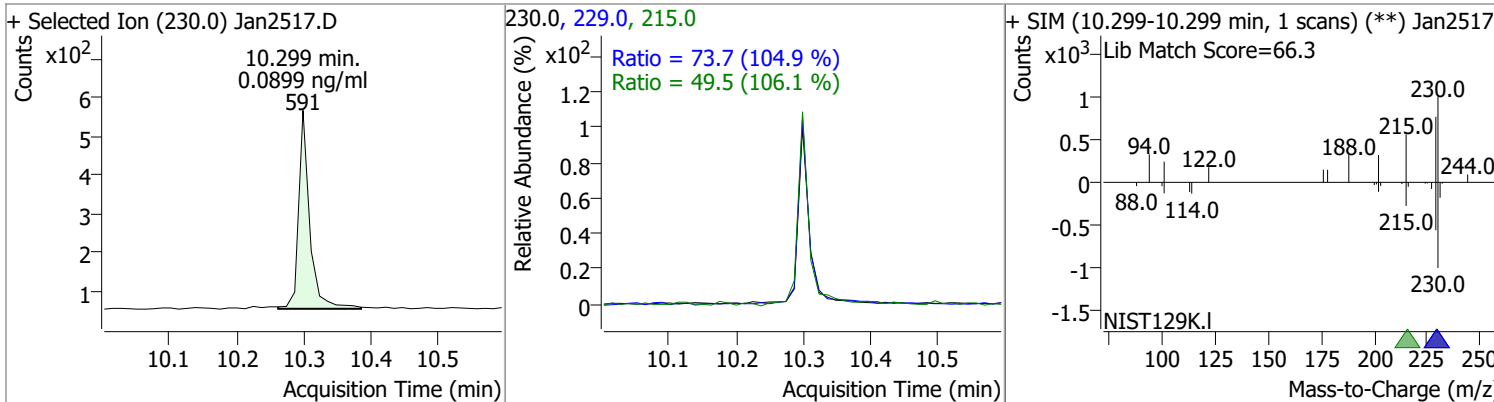
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	0	0	0	0	176.0		10.8	20.1



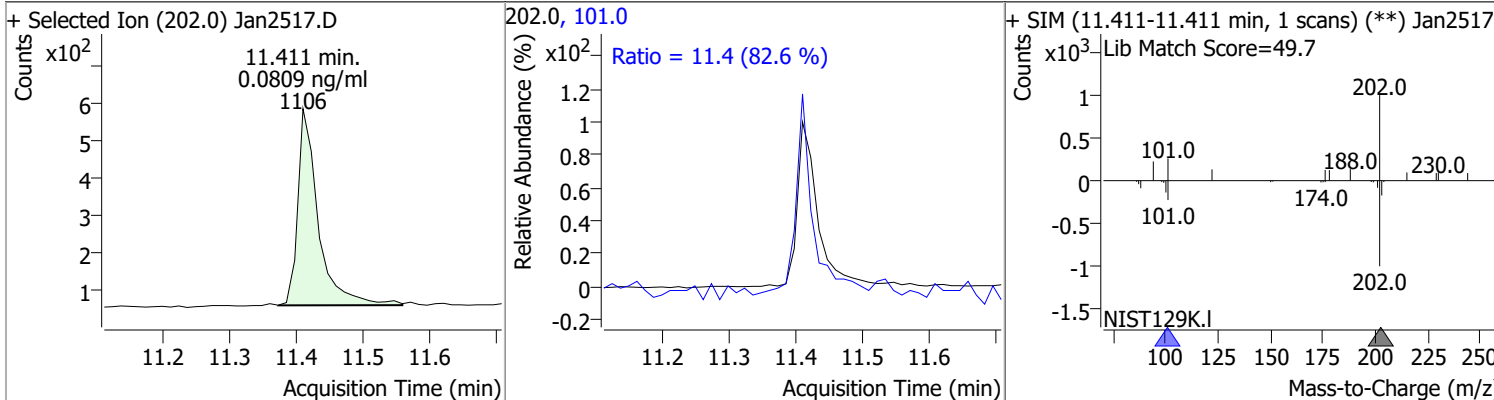
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	0	0	0	0	176.0		12.7	23.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.0899	10.30	0.00	591	229.0 215.0	73.7 49.5	49.2 32.7	91.3 60.7

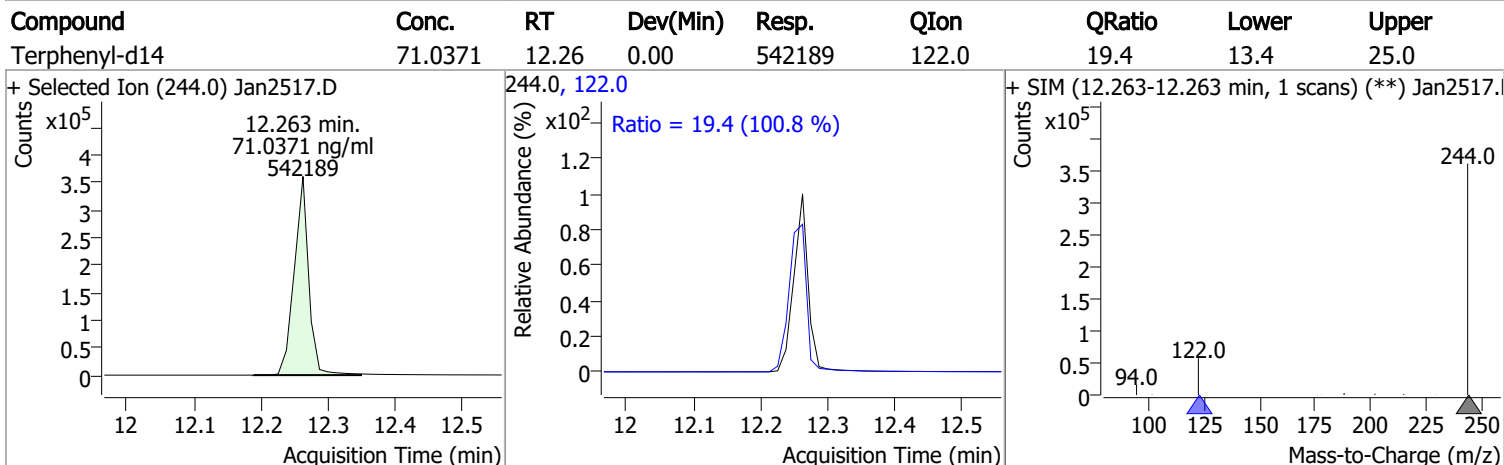
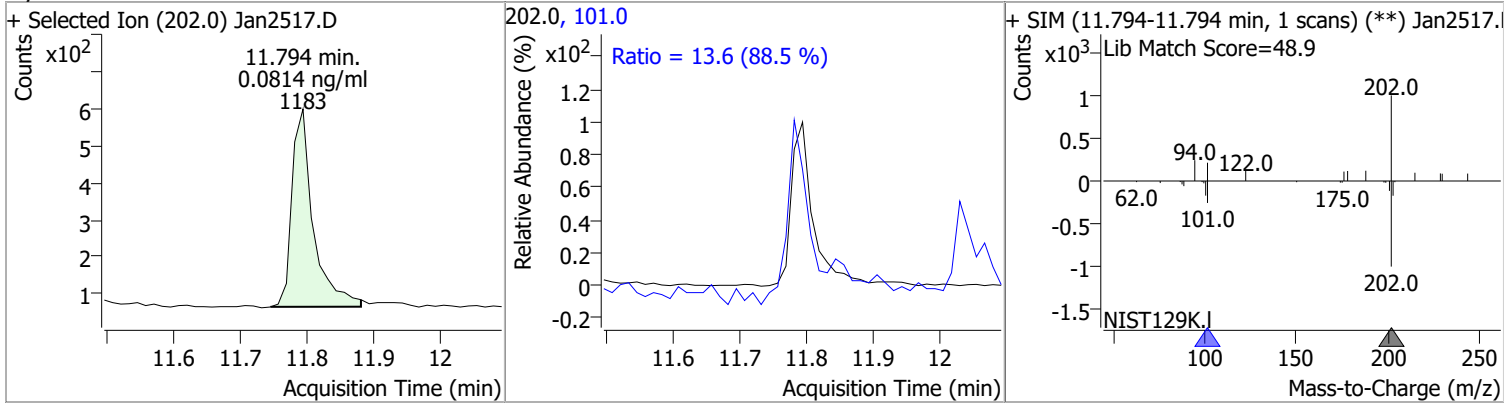


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	0.0809	11.41	0.00	1106	101.0	11.4	9.6	17.9

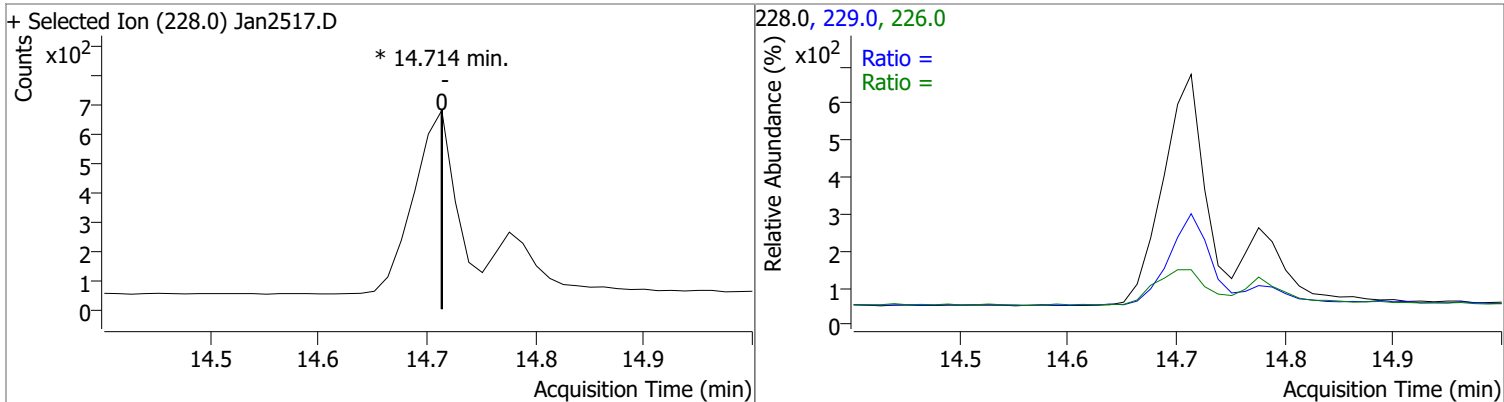


# Quantitation Results Report (QT Reviewed)

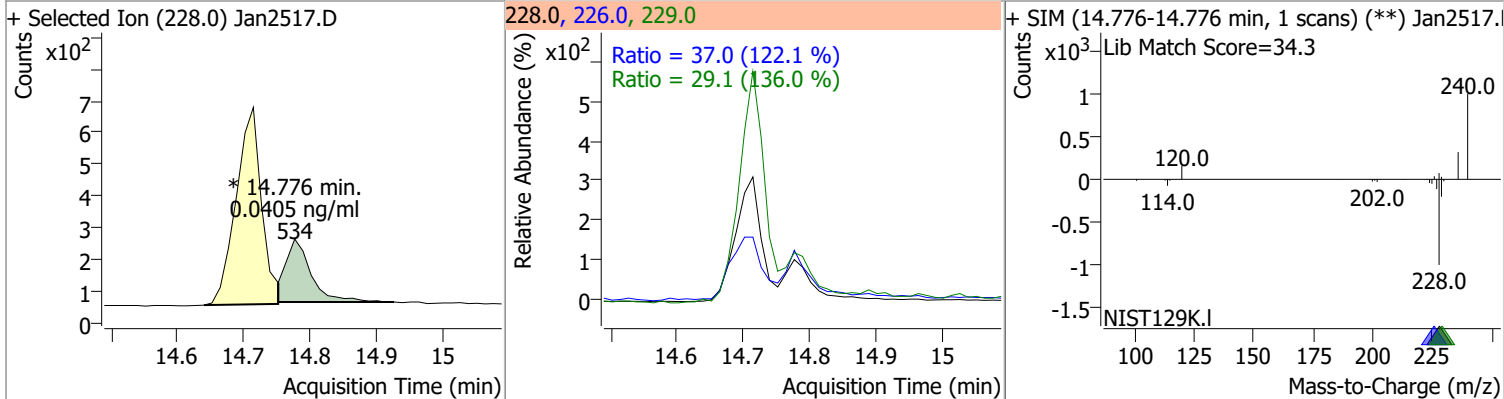
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
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Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
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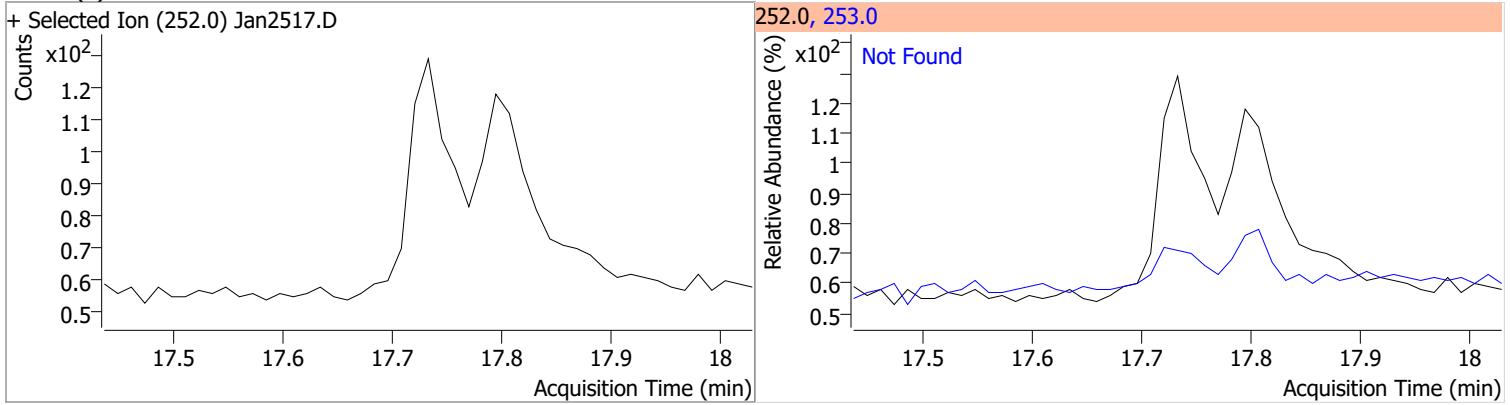


<p><b>Chrysene</b></p> <p>Conc. 0.0405</p> <p>RT 14.78</p> <p>Dev(Min) -0.01</p> <p>Resp. 534 (m)</p> <p>QIon 226.0</p> <p>QRatio 37.0</p> <p>Lower 21.2</p> <p>Upper 39.4</p>	<p>228.0, 226.0, 229.0</p> <p>Ratio = 37.0 (122.1 %)</p> <p>Ratio = 29.1 (136.0 %)</p>	<p>+ SIM (14.776-14.776 min, 1 scans) (**)</p> <p>Lib Match Score=34.3</p>
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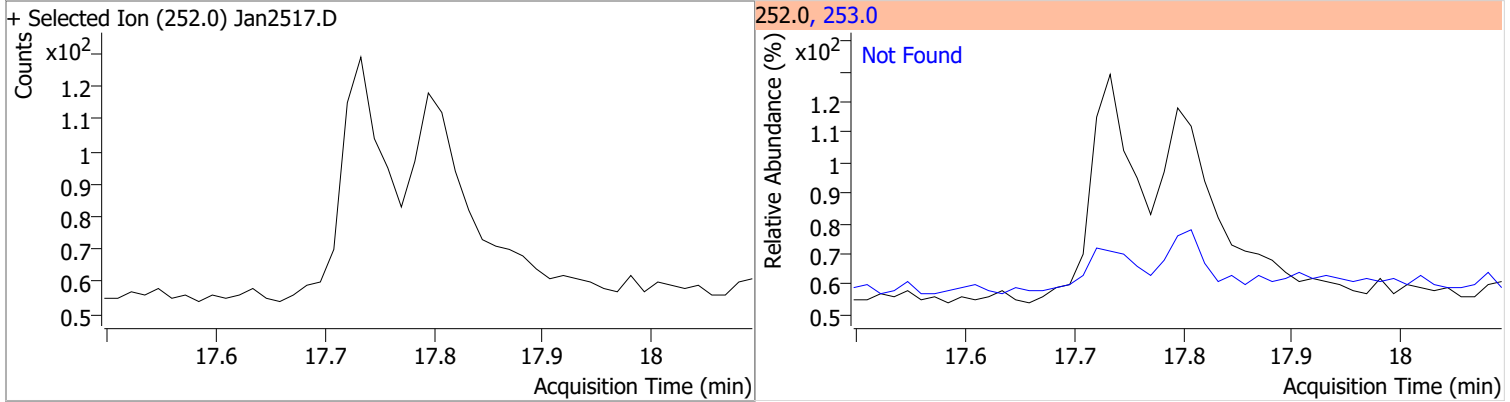


# Quantitation Results Report (QT Reviewed)

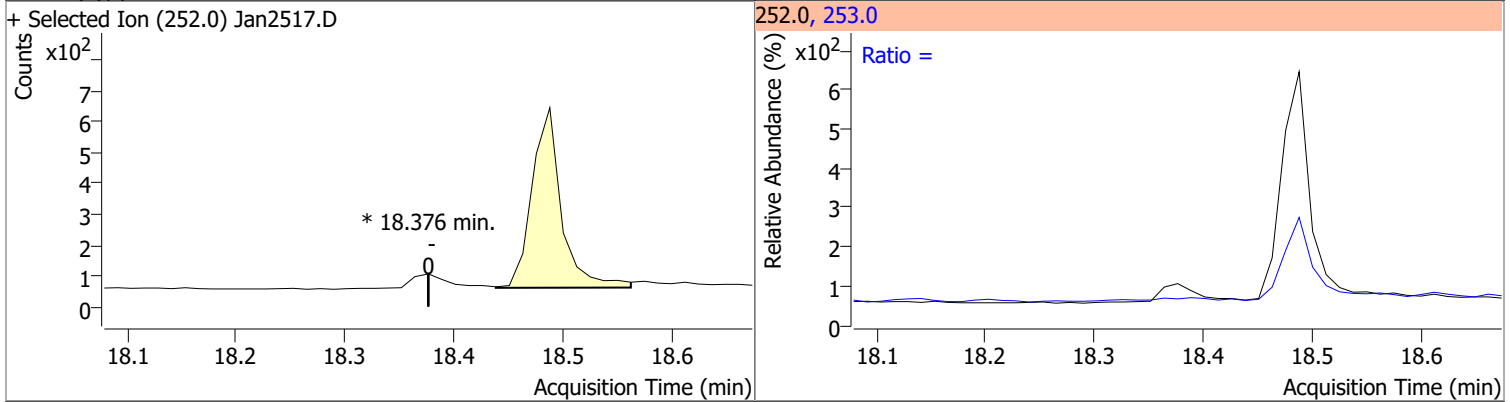
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



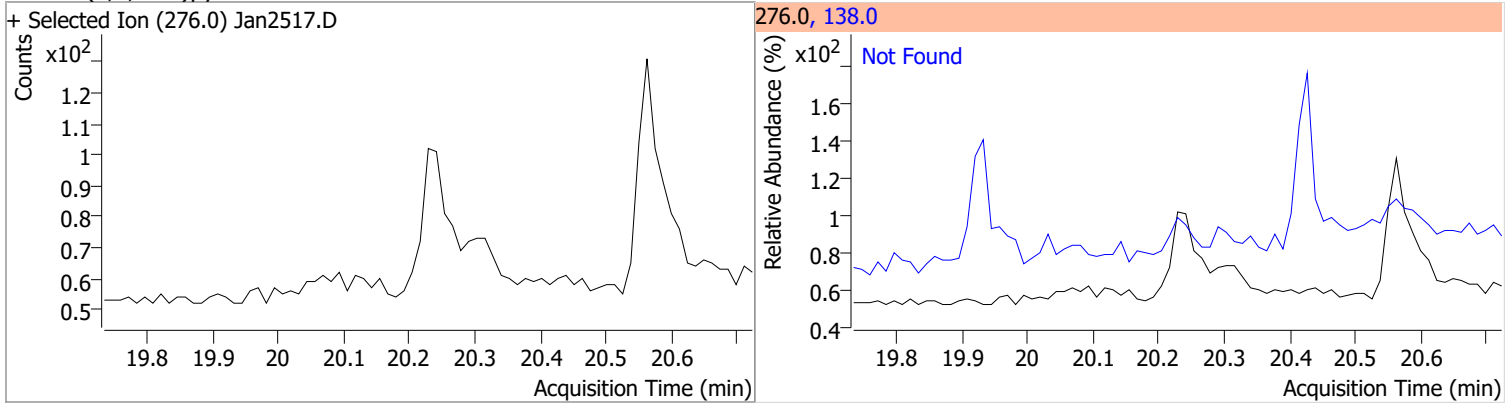
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



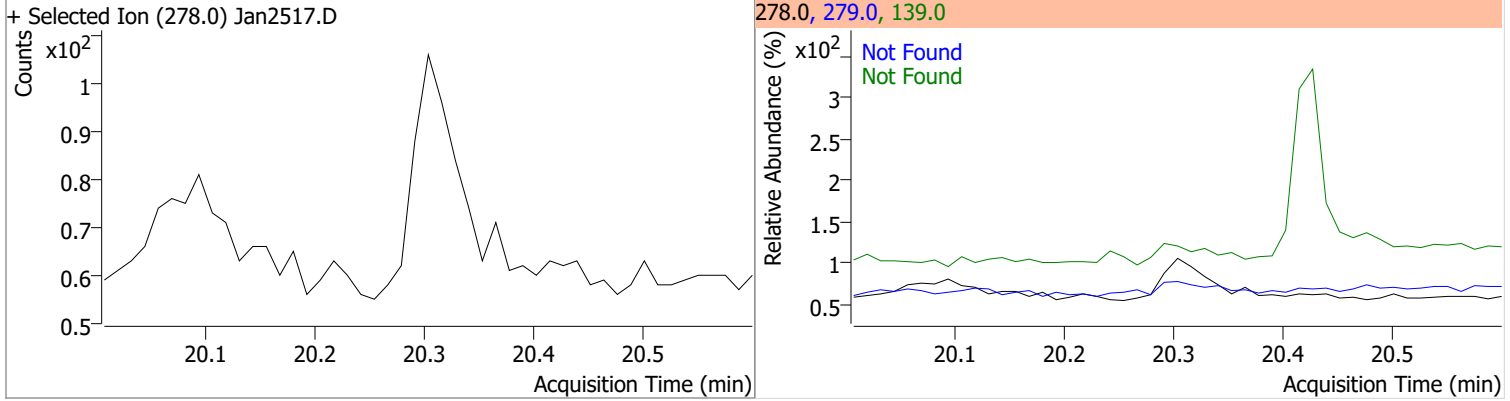
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



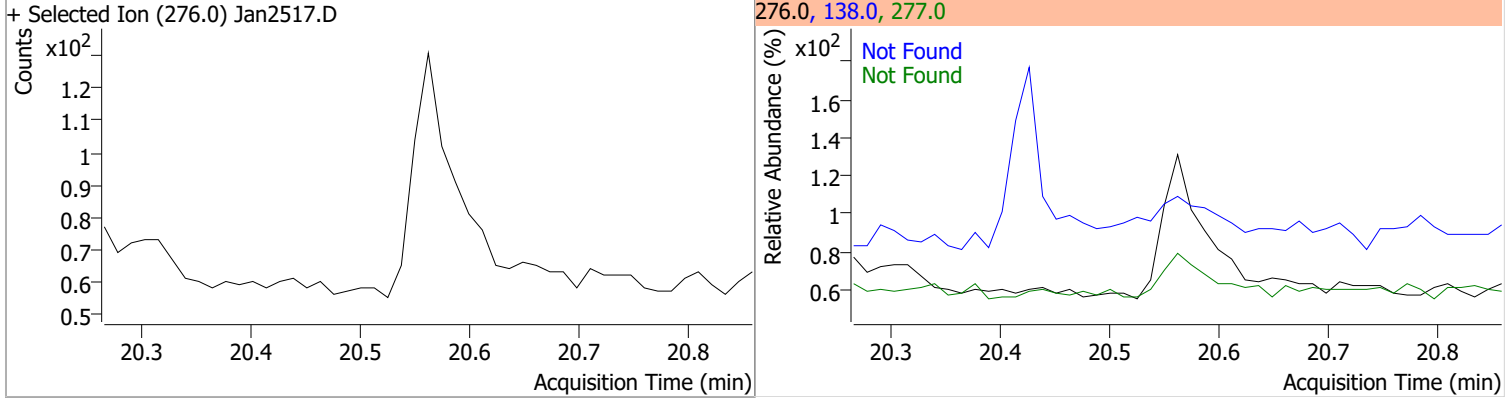


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



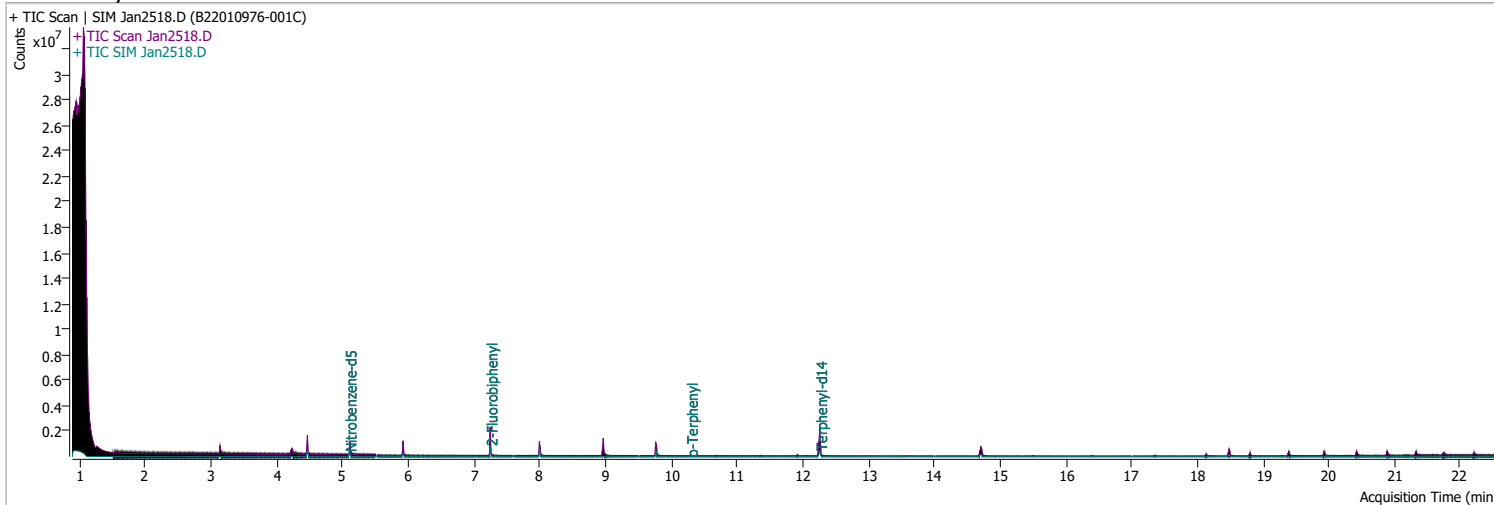
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3



# Quantitation Results Report (QT Reviewed)

Data File	Jan2518.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 7:44:35 PM
Sample Name	B22010976-001C	Instrument	GCMS
Vial	18	Multiplier	1.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	200194	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	350168	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.000	164.0	203516	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	403757	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	290123	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	195601	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	327322	32.8311	ng/ml	-0.037
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 656.62%		*
S 2-Fluorobiphenyl	7.252	172.0	595369	60.8613	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1217.23%		*
S o-Terphenyl	10.299	230.0	380	0.0578	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 1.16%		*
S Terphenyl-d14	12.263	244.0	553342	71.8533	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1437.07%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.000	154.0	0		ng/ml	md 1
T Fluorene	8.661	166.0	0		ng/ml	md 1
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.714	228.0	0		ng/ml	md 1
T Chrysene	14.714	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	0.000		0	N.D.		

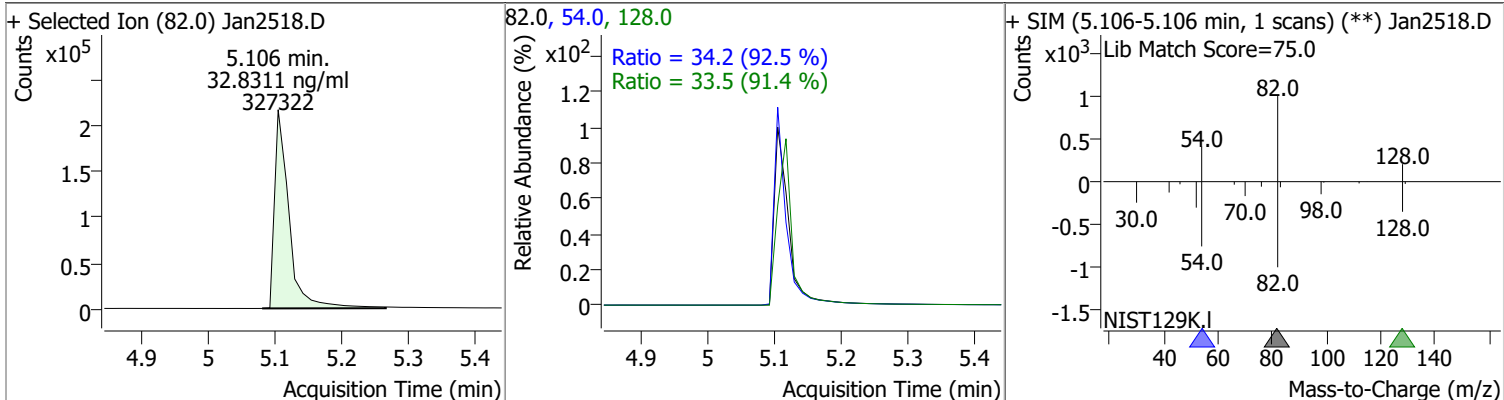
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.487	252.0	0		ng/ml    md	1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

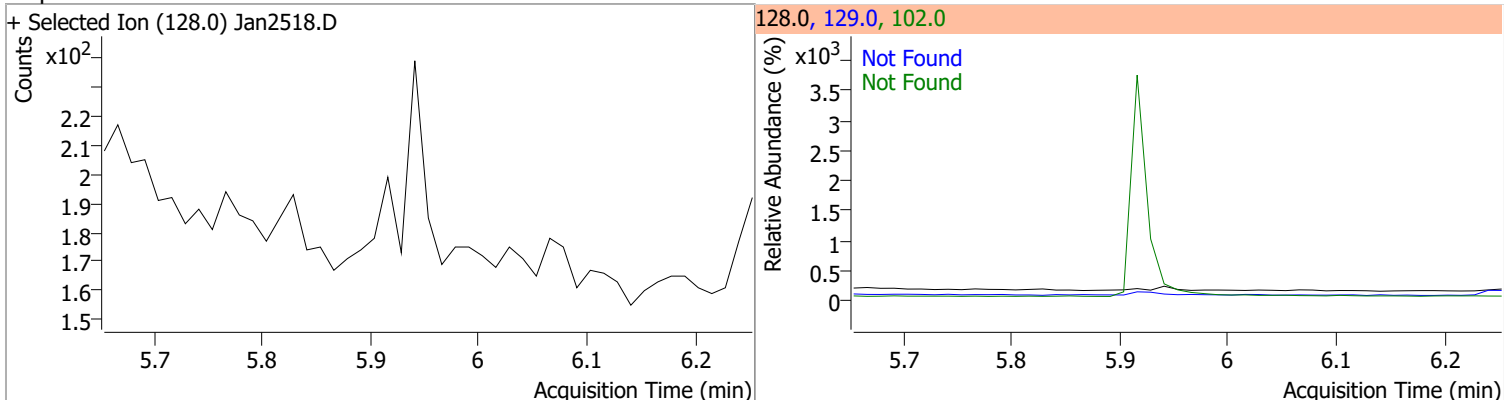
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

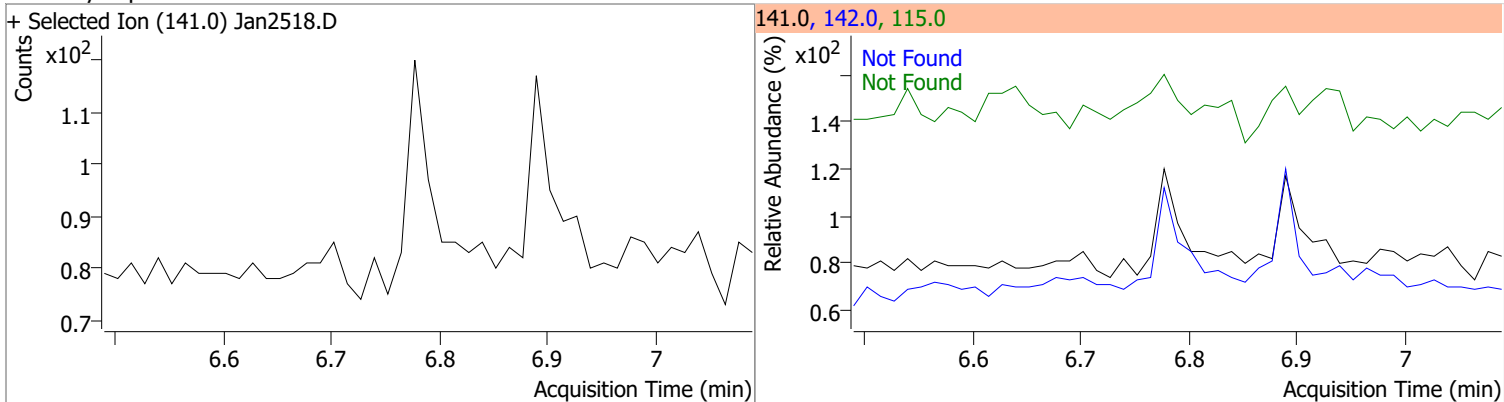
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	32.8311	5.11	-0.04	327322	54.0	34.2	25.9	48.1
					128.0	33.5	25.6	47.6



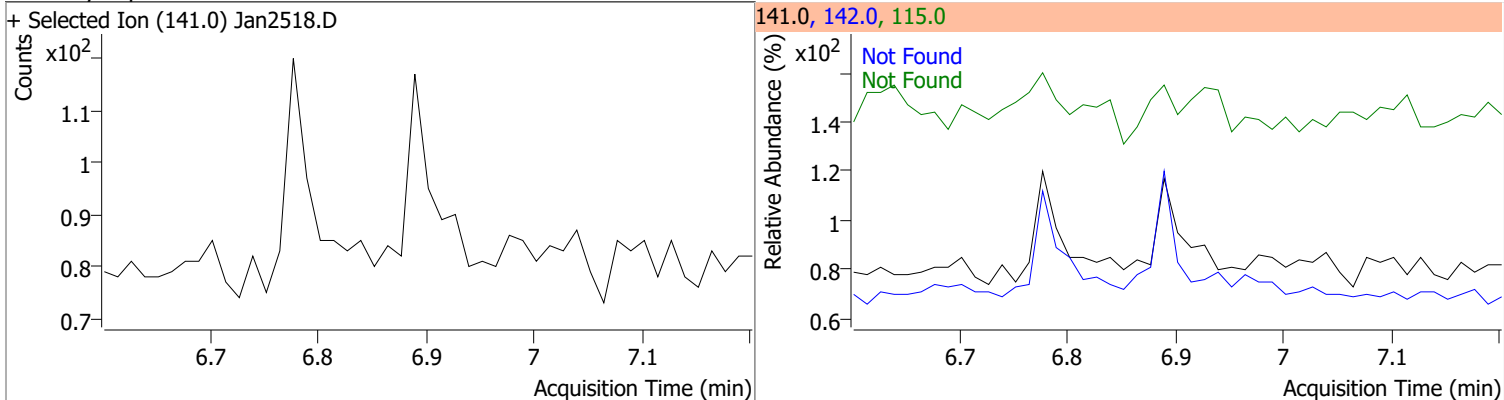
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7

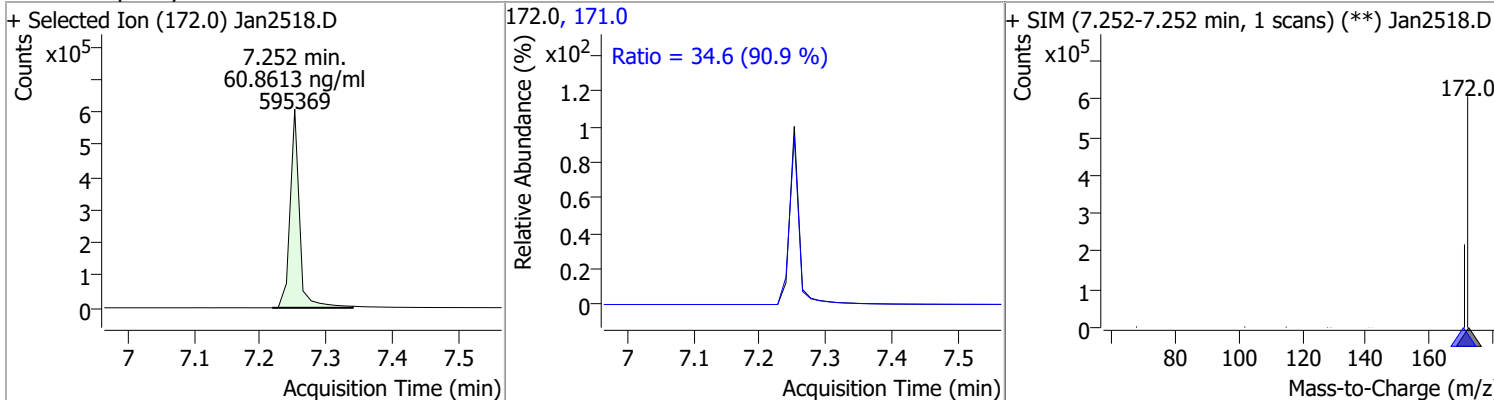


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

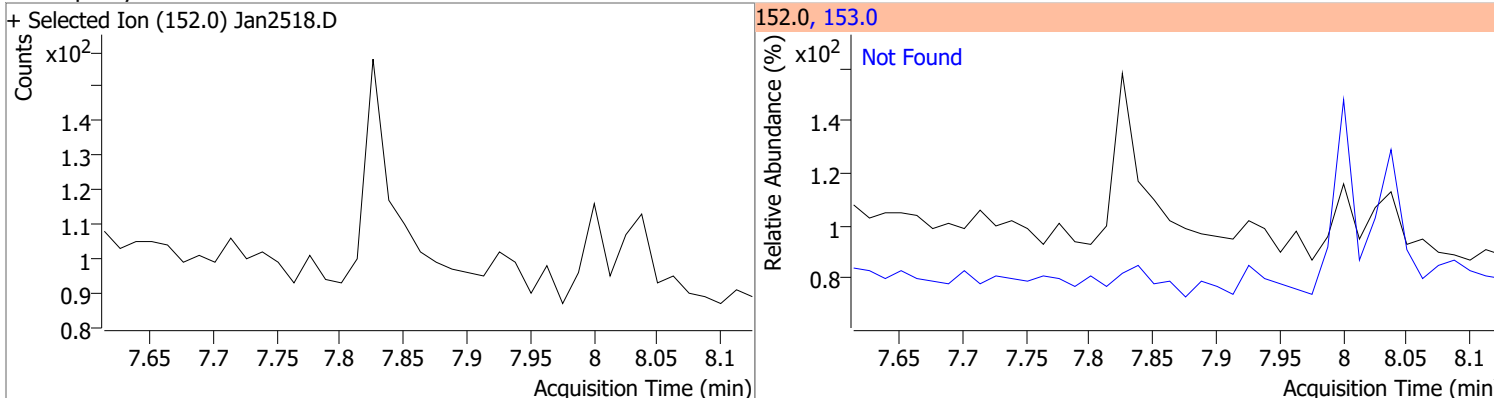


# Quantitation Results Report (QT Reviewed)

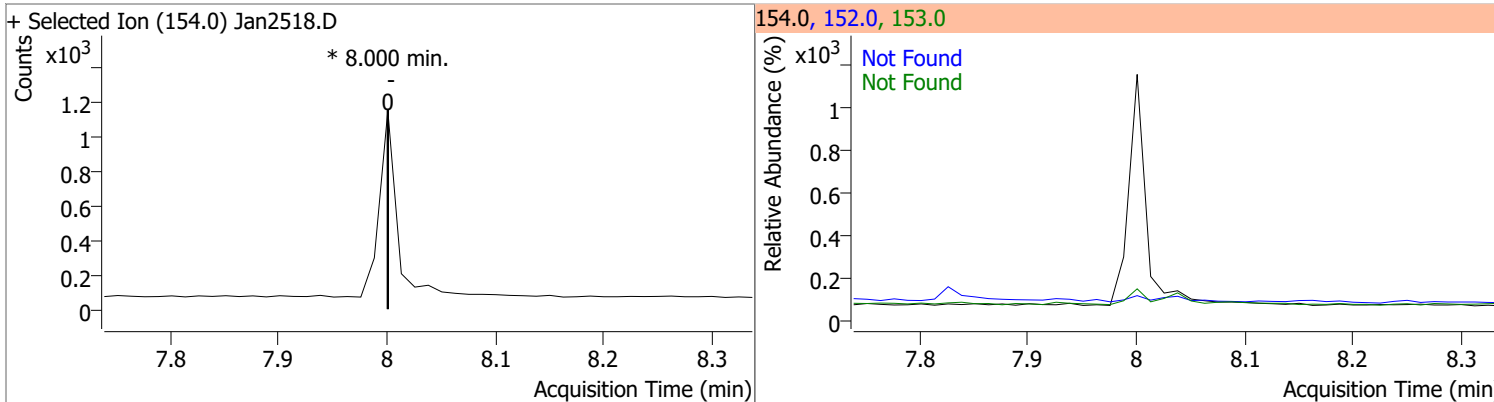
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	60.8613	7.25	-0.01	595369	171.0	34.6	26.6	49.5



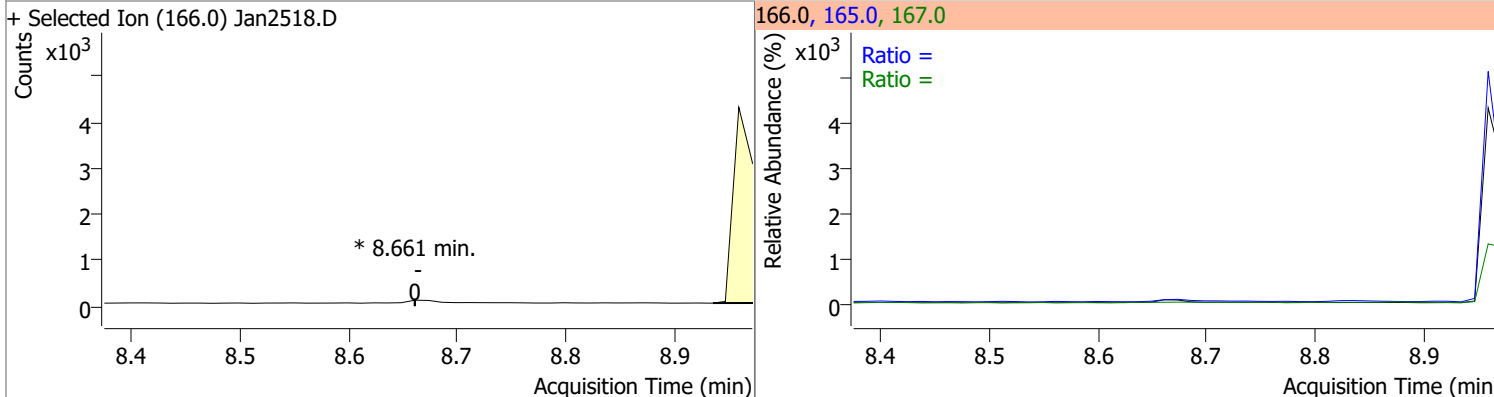
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



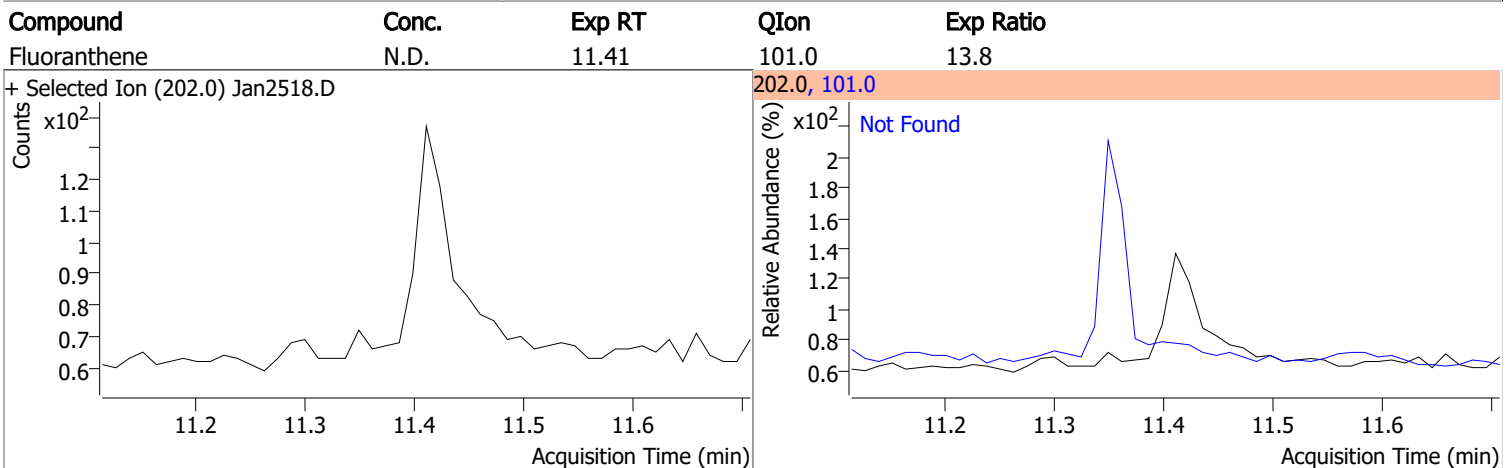
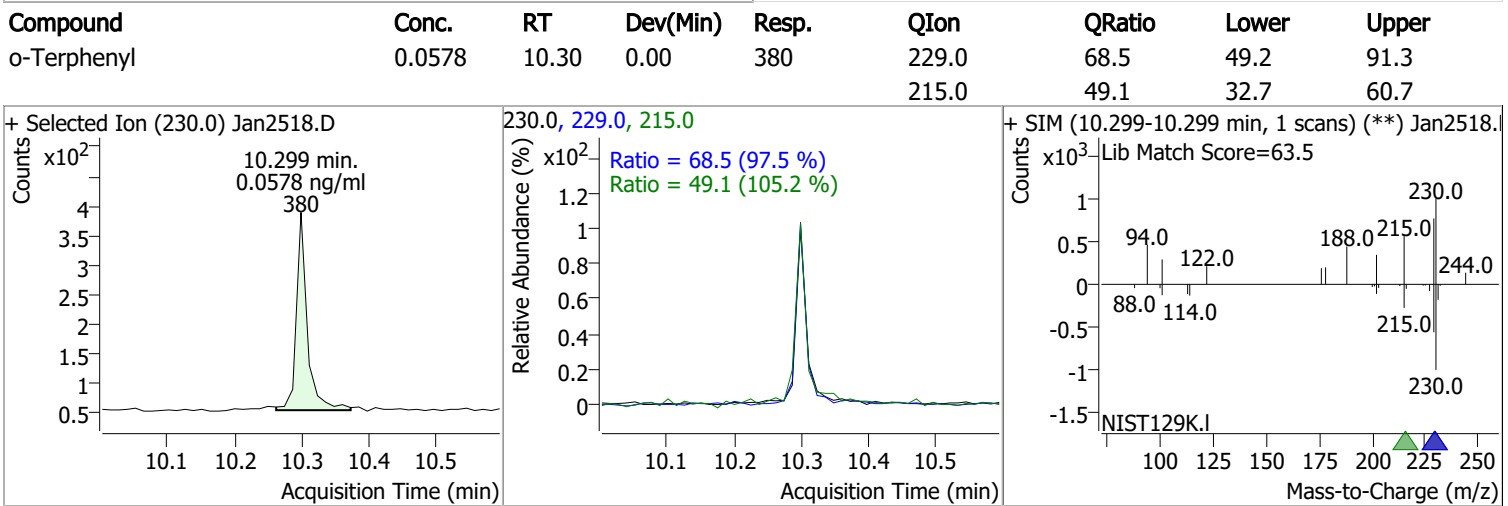
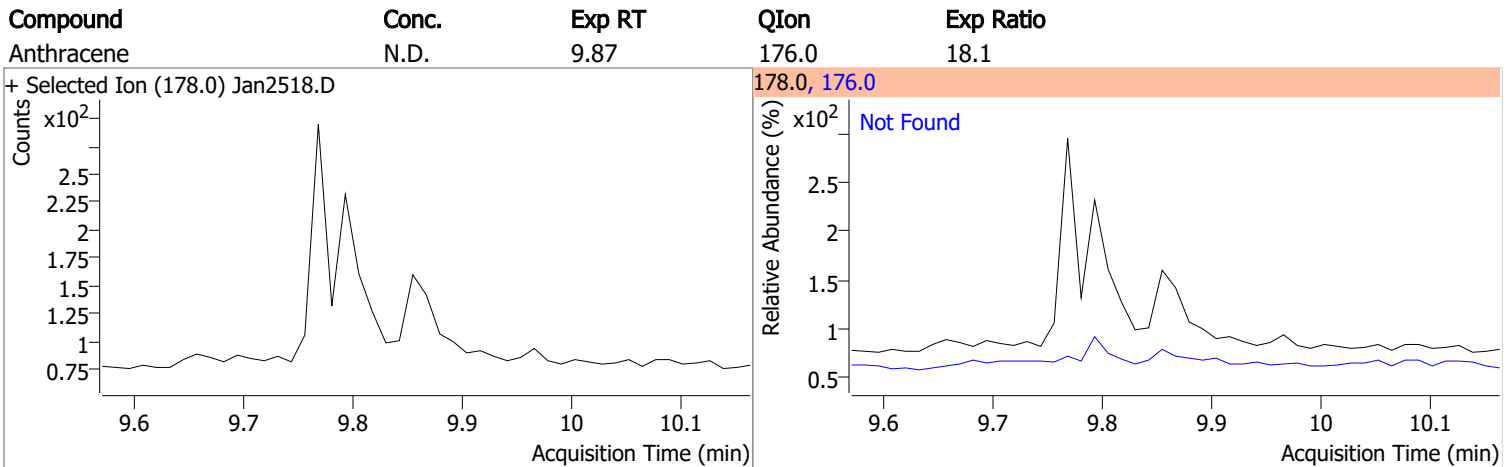
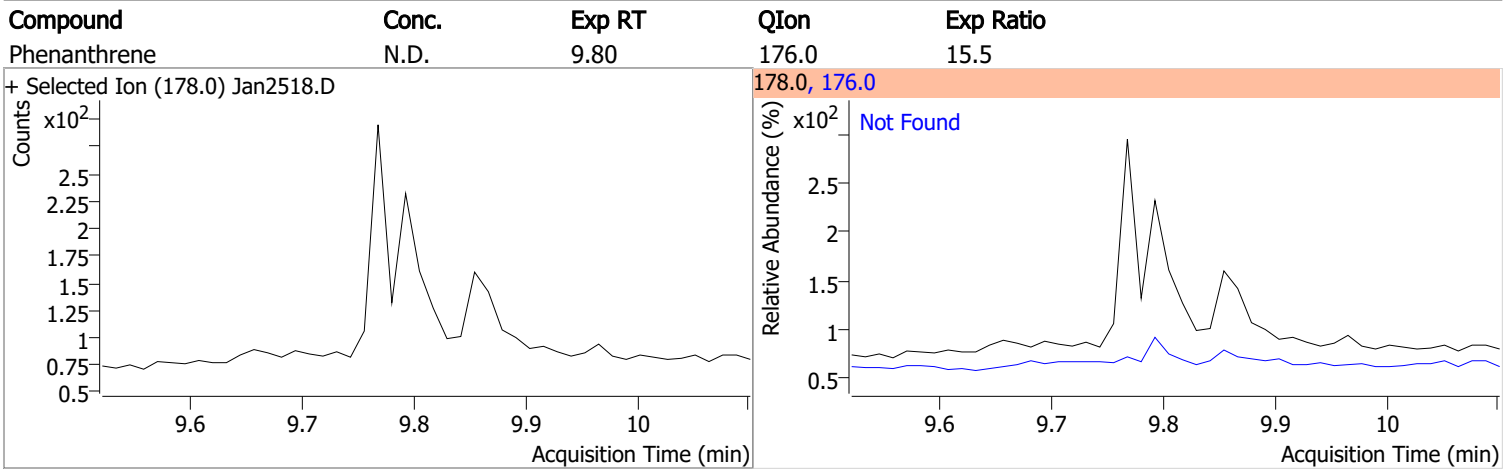
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		69.1	128.3
					167.0		9.7	18.0

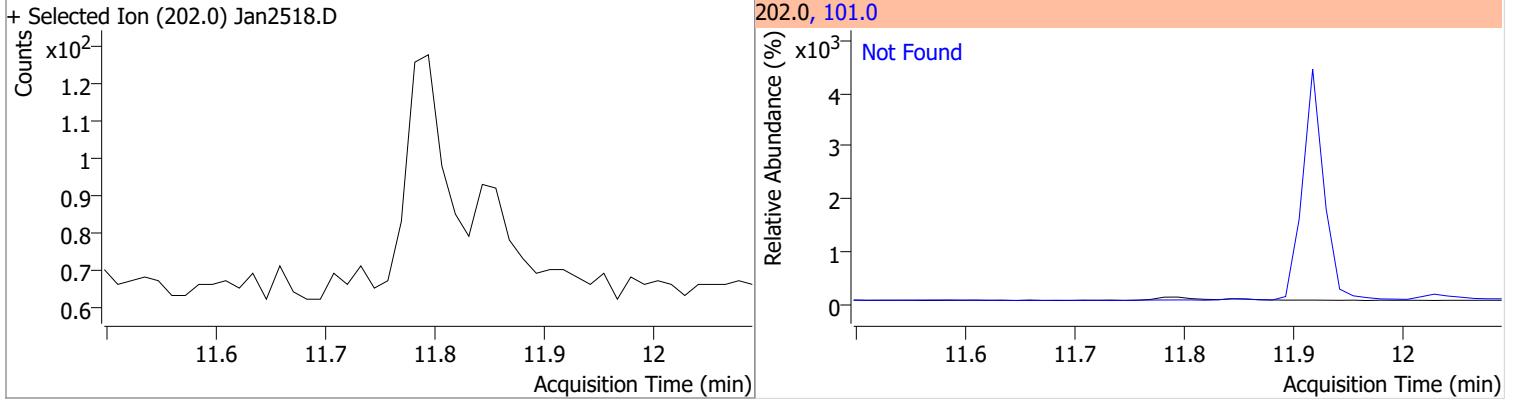


# Quantitation Results Report (QT Reviewed)

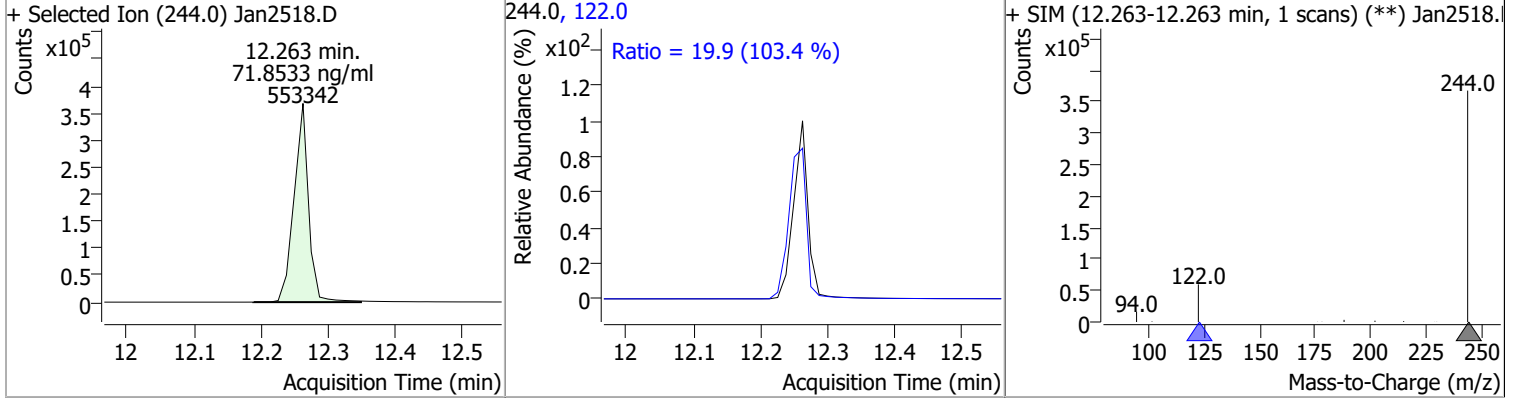


# Quantitation Results Report (QT Reviewed)

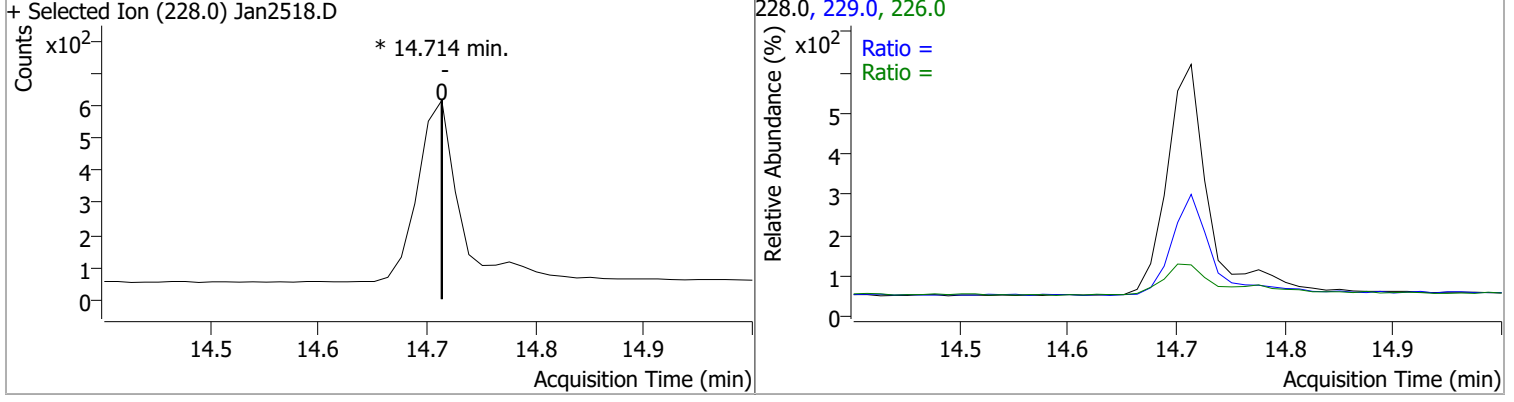
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.79	101.0	15.3



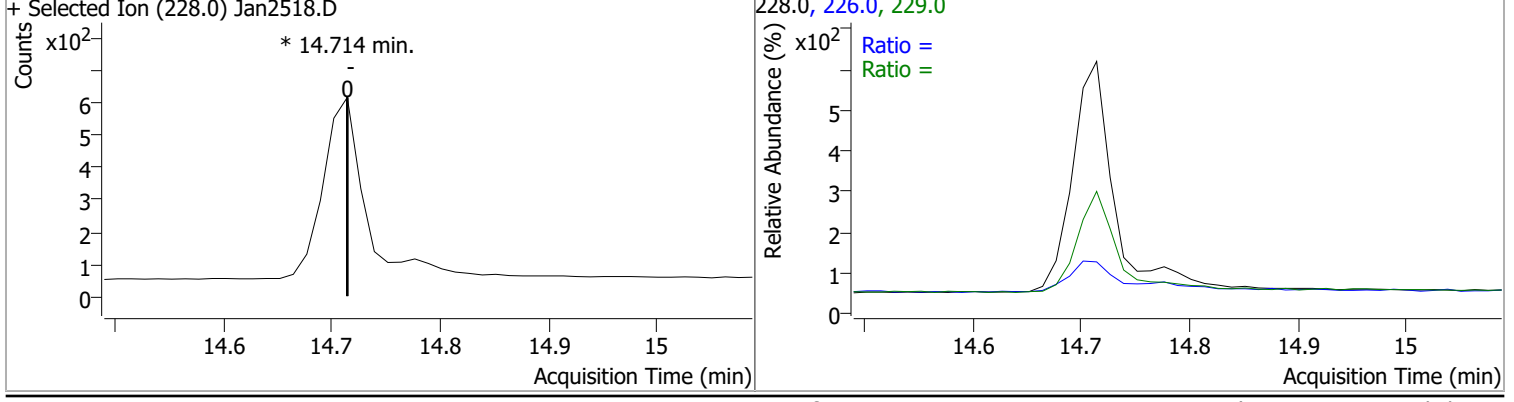
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	71.8533	12.26	0.00	553342	122.0	19.9	13.4	25.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	0	0	0	0	226.0 229.0		18.9 16.1	35.1 29.9

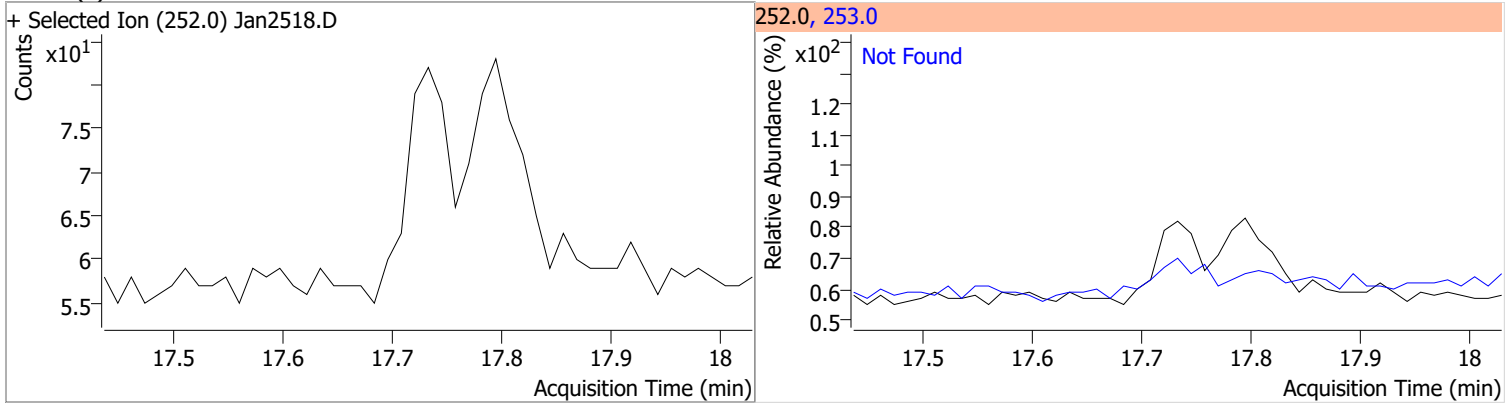


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0	0	0	0	226.0 229.0		21.2 15.0	39.4 27.8

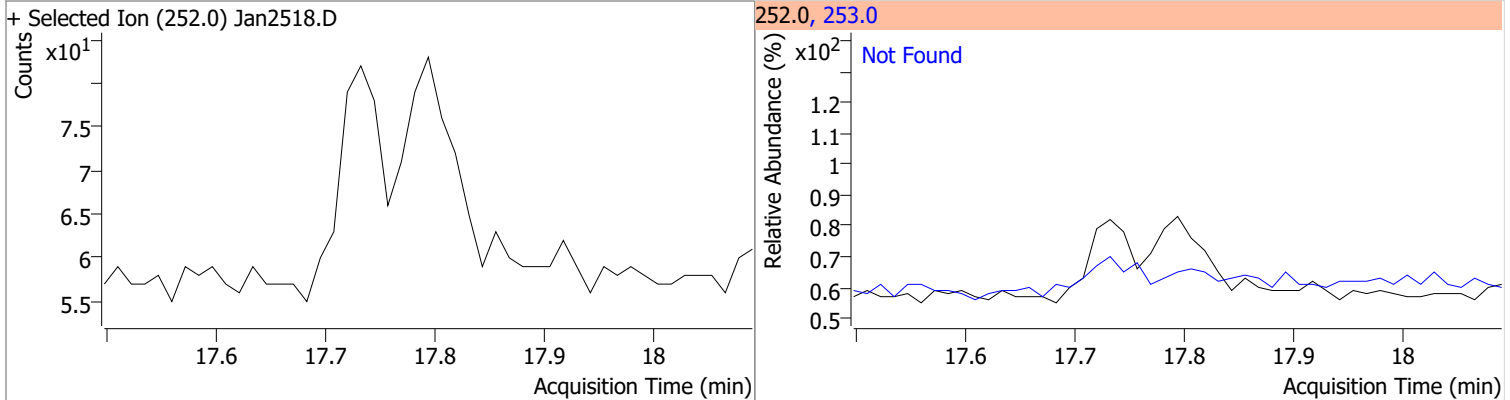


# Quantitation Results Report (QT Reviewed)

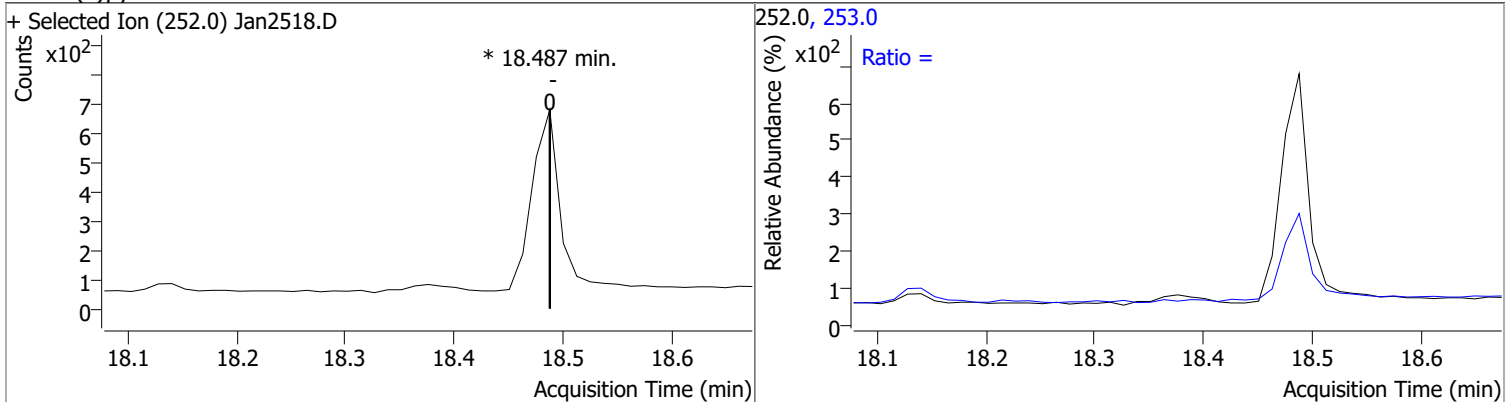
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



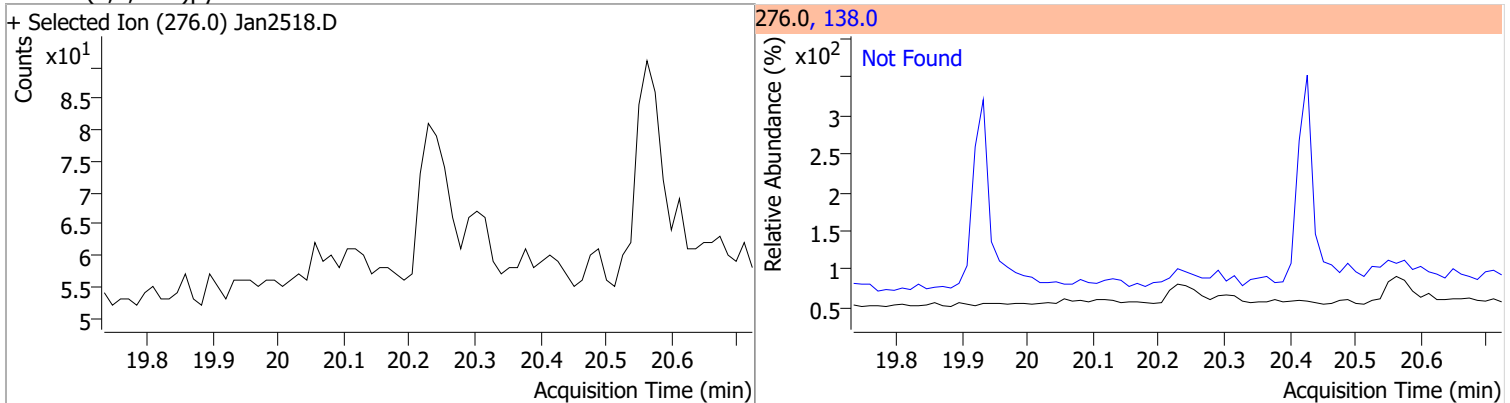
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



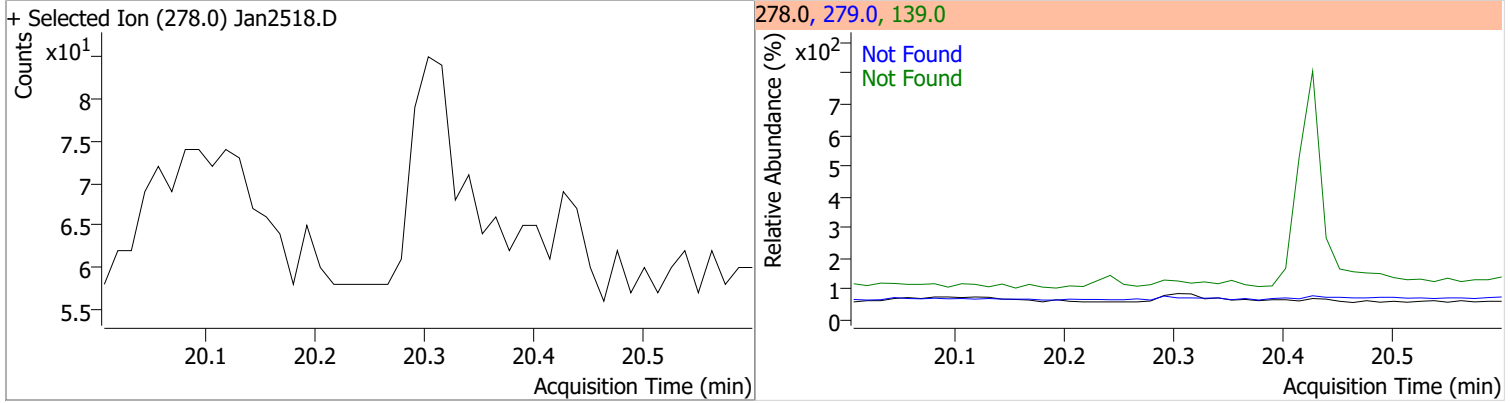
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



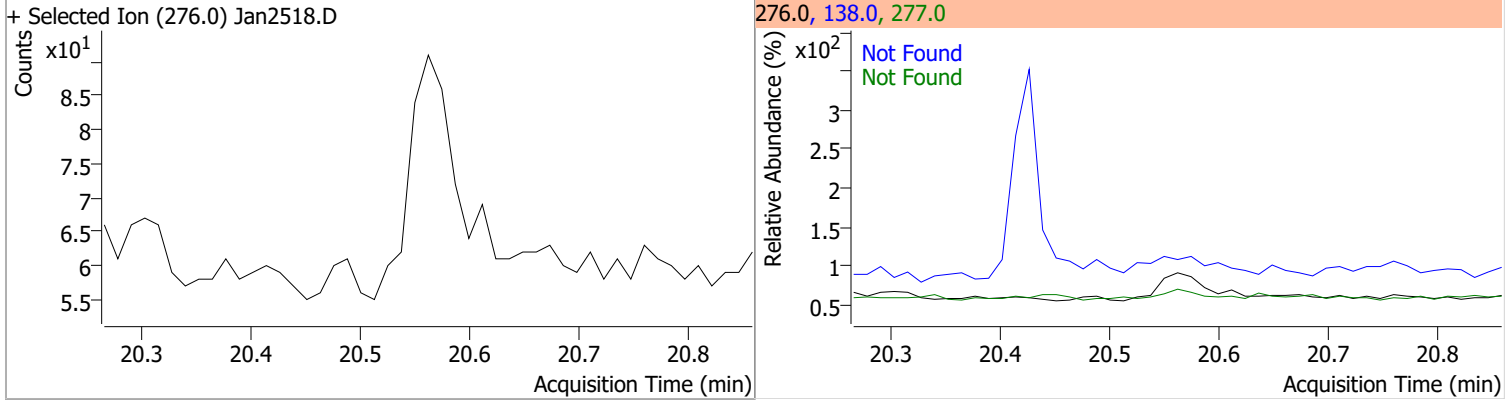


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



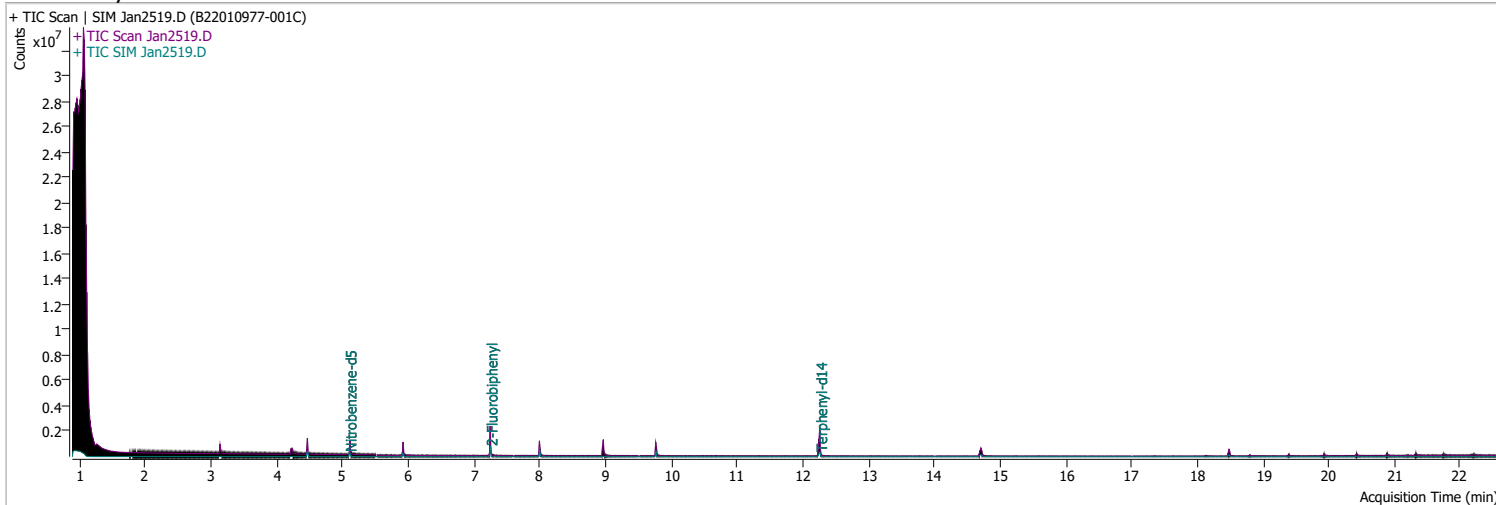
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3



# Quantitation Results Report (QT Reviewed)

Data File	Jan2519.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 8:17:07 PM
Sample Name	B22010977-001C	Instrument	GCMS
Vial	19	Multiplier	1.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	177303	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	323389	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.000	164.0	192294	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	379928	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	267026	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	171922	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	344888	36.4380	ng/ml	-0.037
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 728.76%		*
S 2-Fluorobiphenyl	7.252	172.0	625465	67.6693	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1353.39%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.263	244.0	532766	74.3296	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1486.59%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.000	154.0	0		ng/ml	md
T Fluorene	8.960	166.0	0		ng/ml	md
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.714	228.0	0		ng/ml	md
T Chrysene	14.714	228.0	0		ng/ml	md
T Benzo(b)fluoranthene	0.000		0	N.D.		

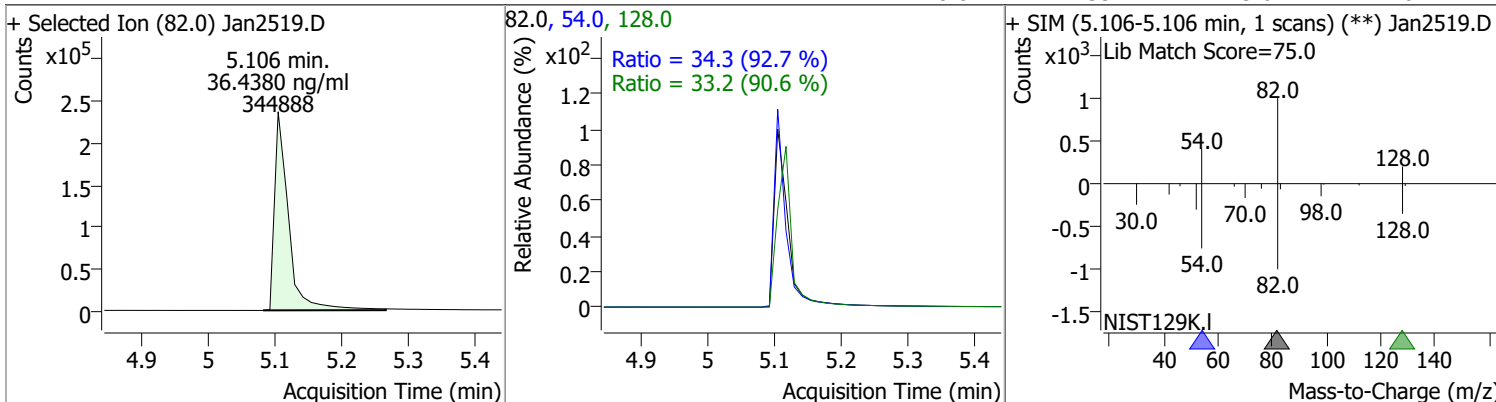
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.487	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

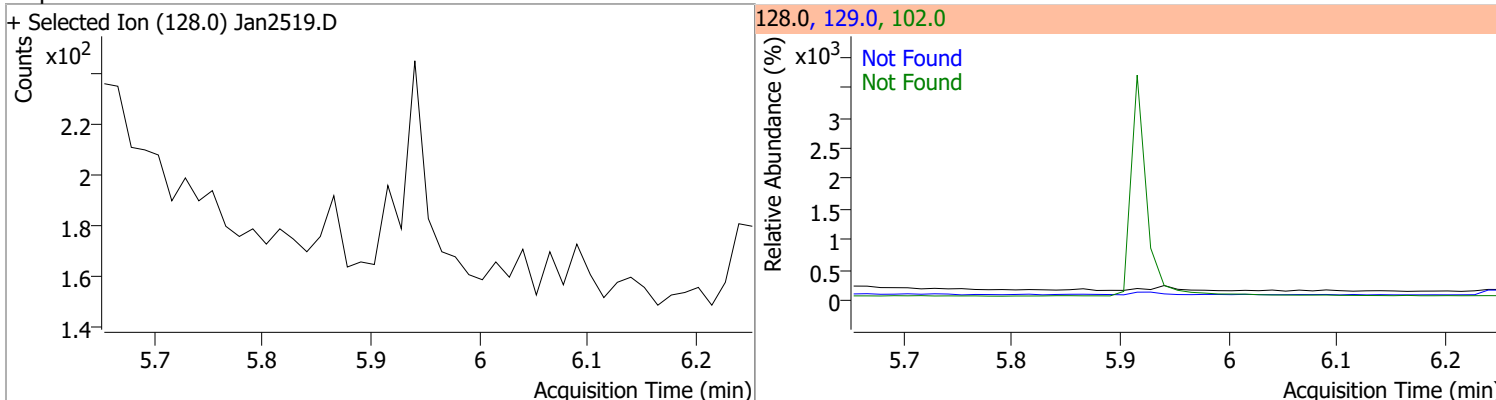
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

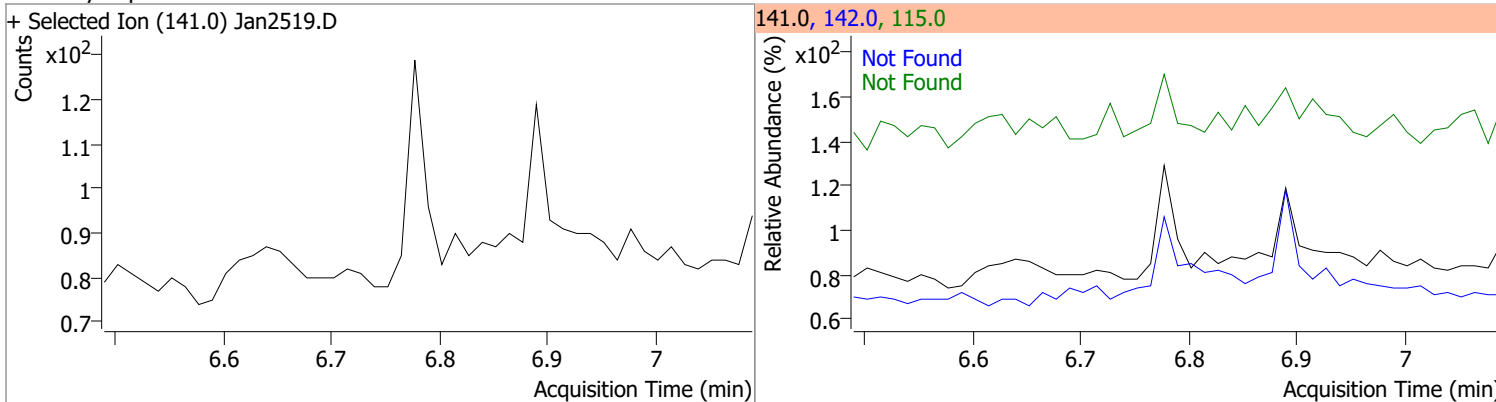
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	36.4380	5.11	-0.04	344888	54.0	34.3	25.9	48.1
					128.0	33.2	25.6	47.6



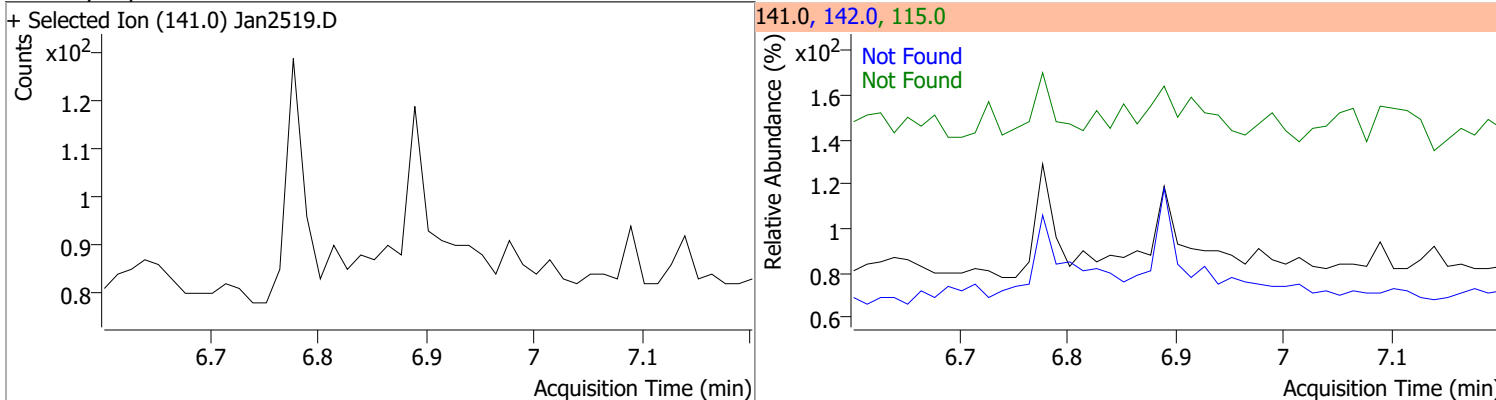
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



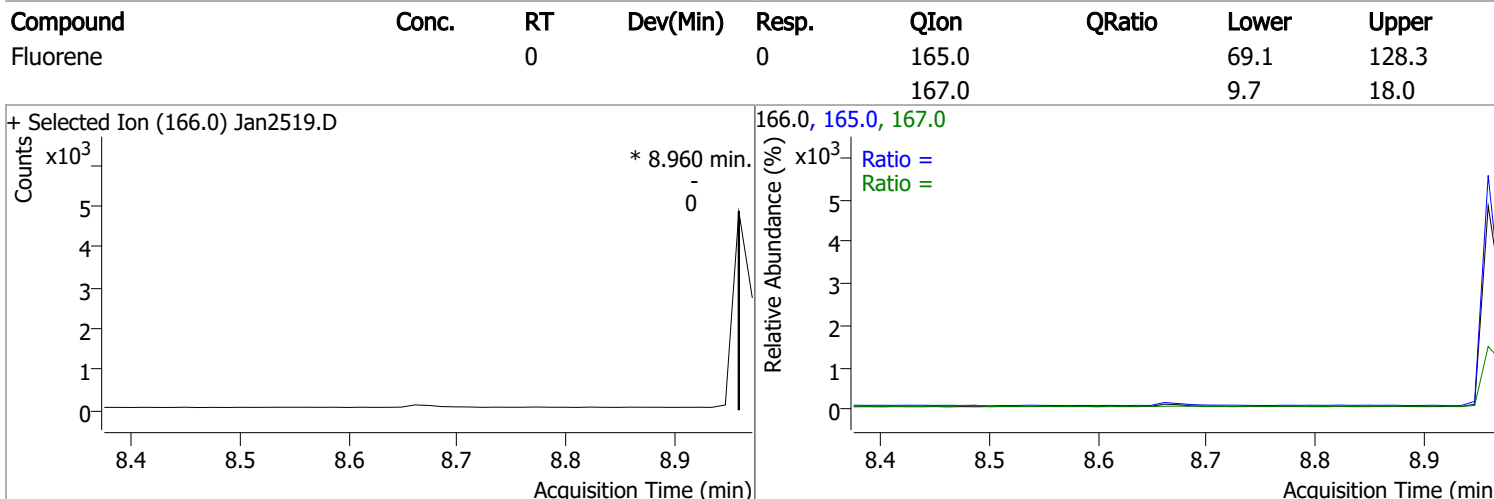
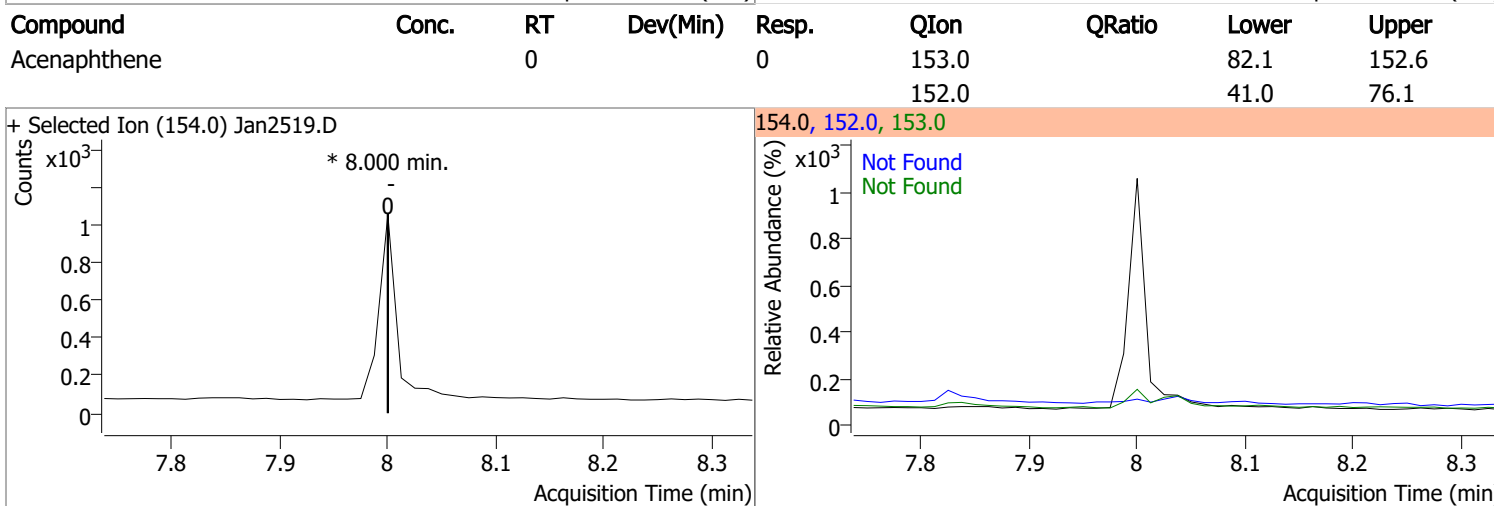
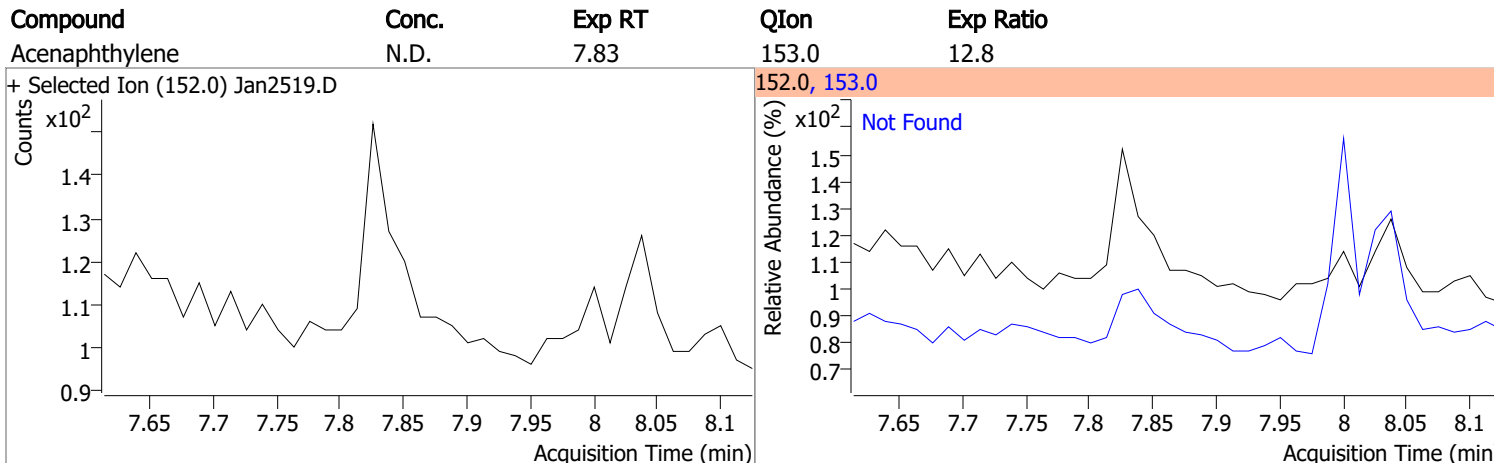
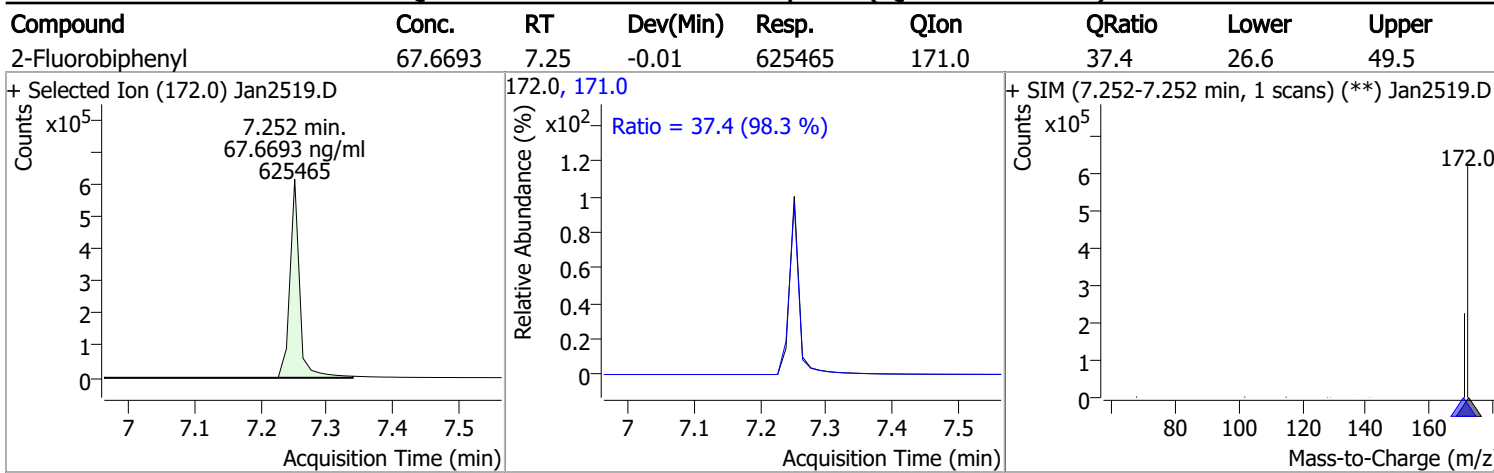
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

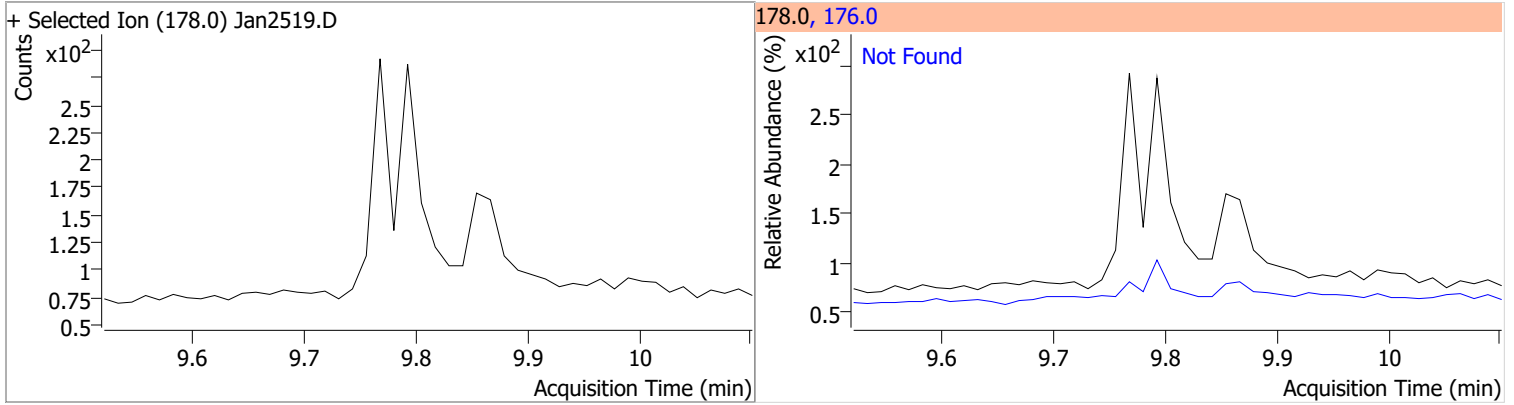


# Quantitation Results Report (QT Reviewed)

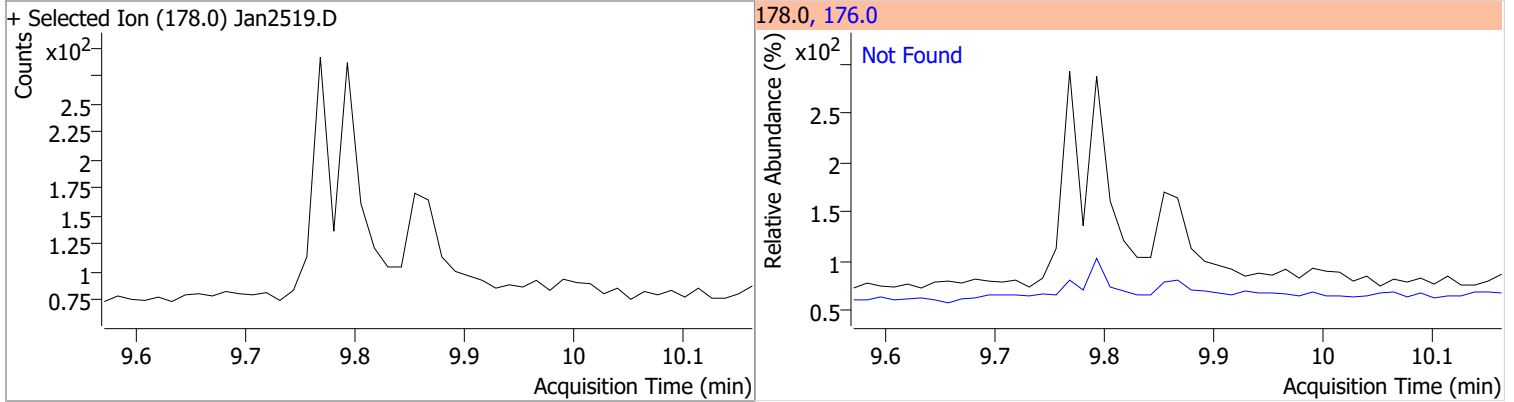


# Quantitation Results Report (QT Reviewed)

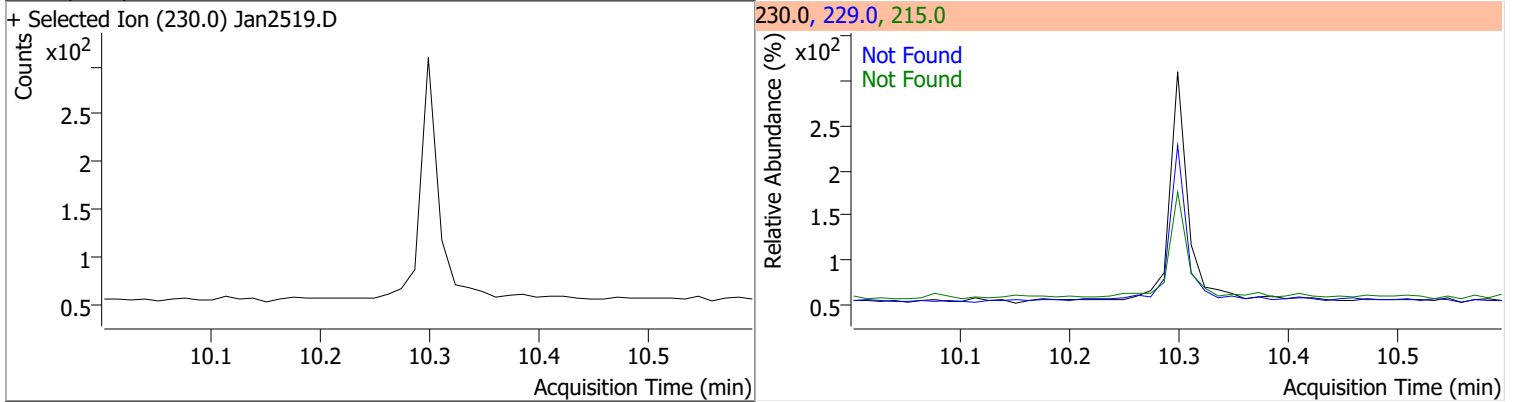
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



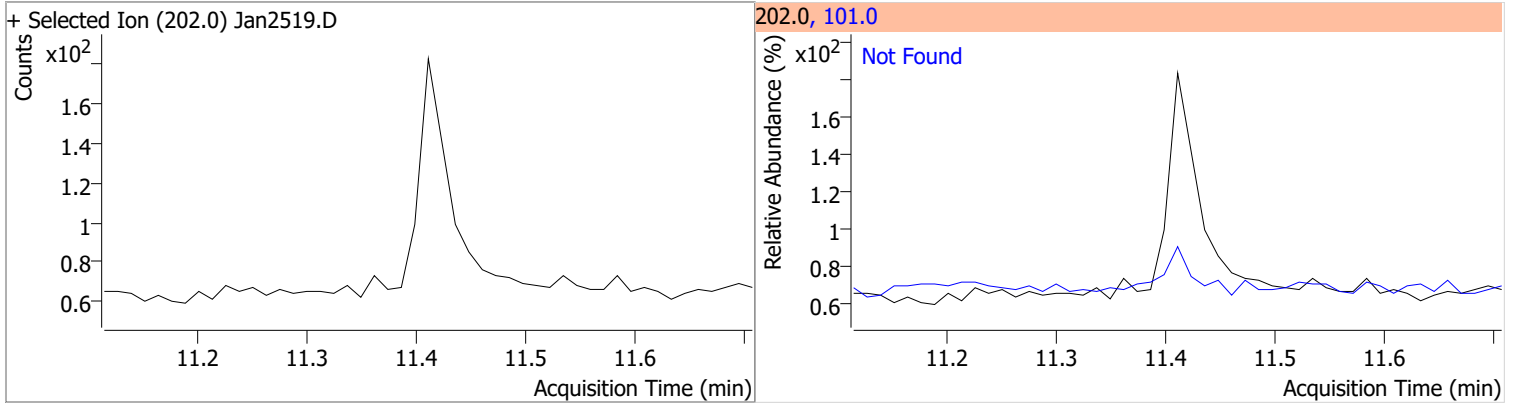
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.87	176.0	18.1



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	70.2	215.0	46.7

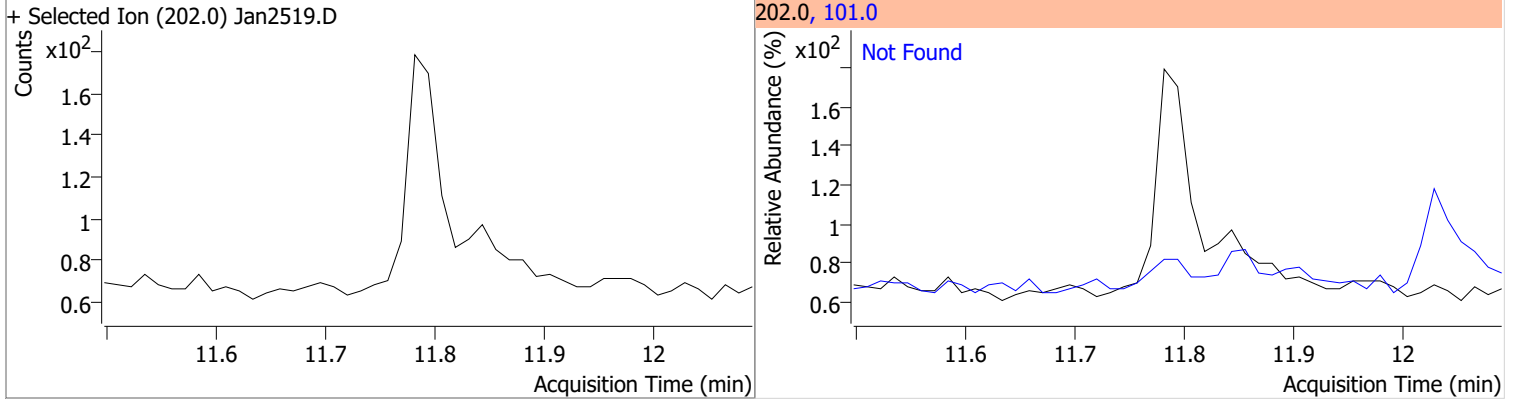


Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8

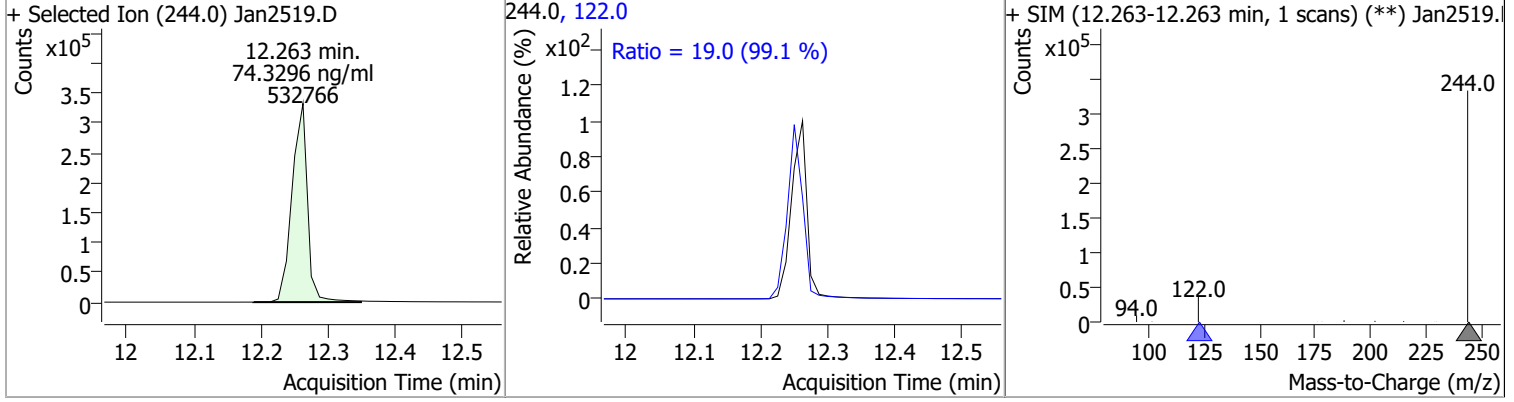


# Quantitation Results Report (QT Reviewed)

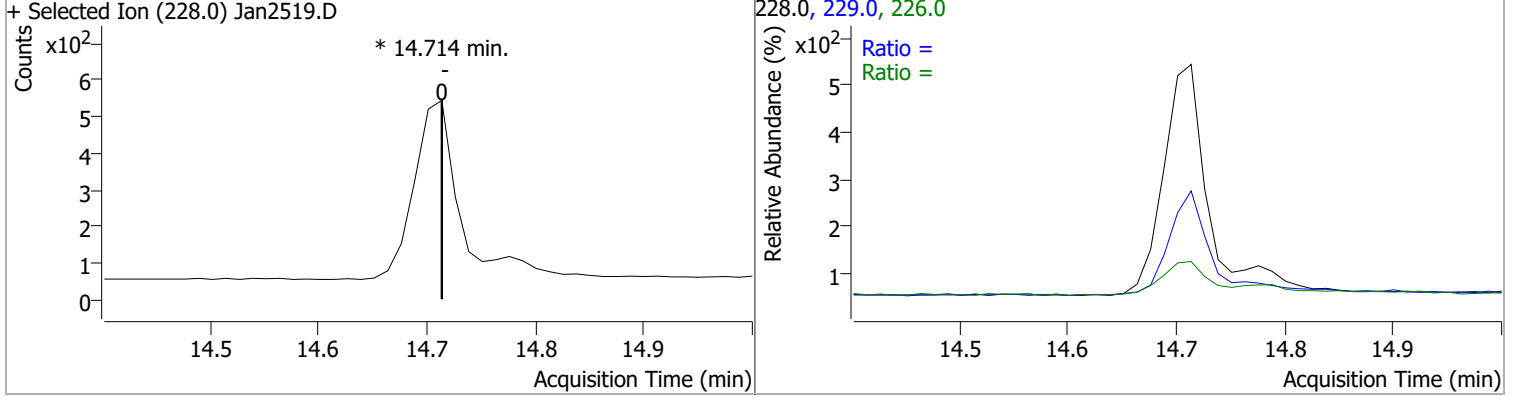
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.79	101.0	15.3



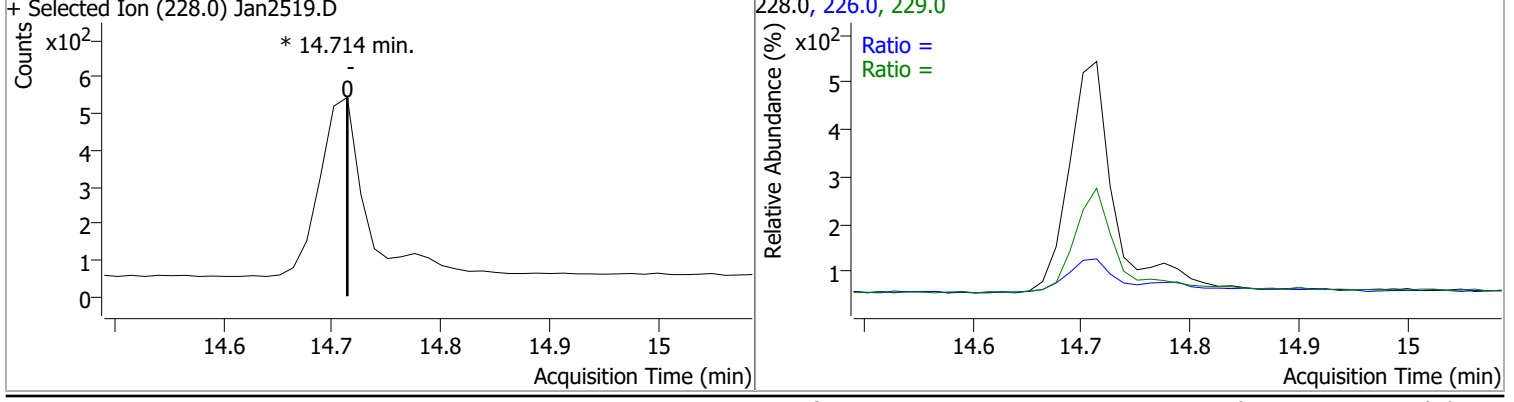
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	74.3296	12.26	0.00	532766	122.0	19.0	13.4	25.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	0	0	0	0	226.0 229.0		18.9 16.1	35.1 29.9

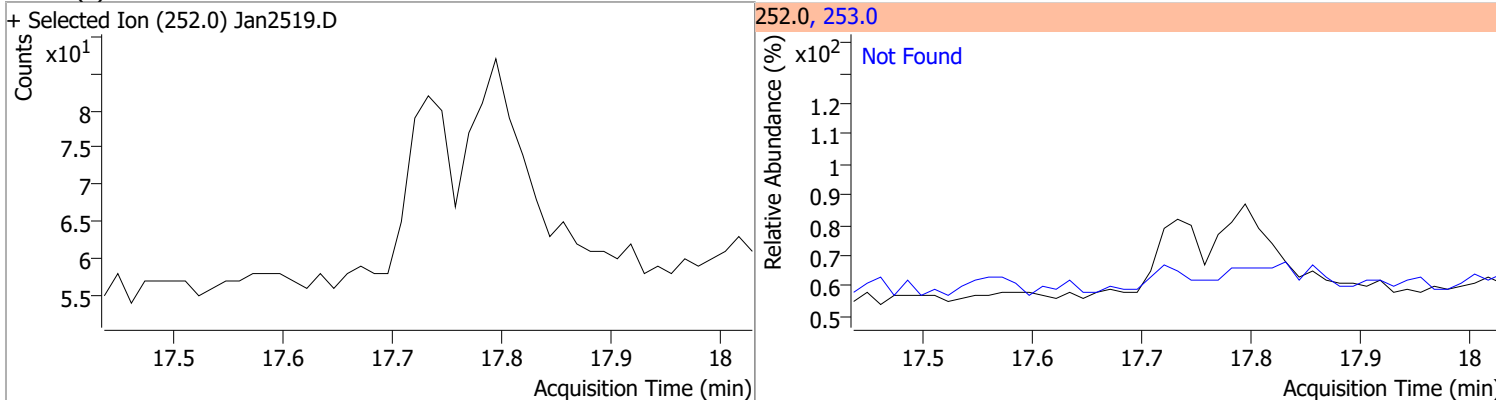


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0	0	0	0	226.0 229.0		21.2 15.0	39.4 27.8

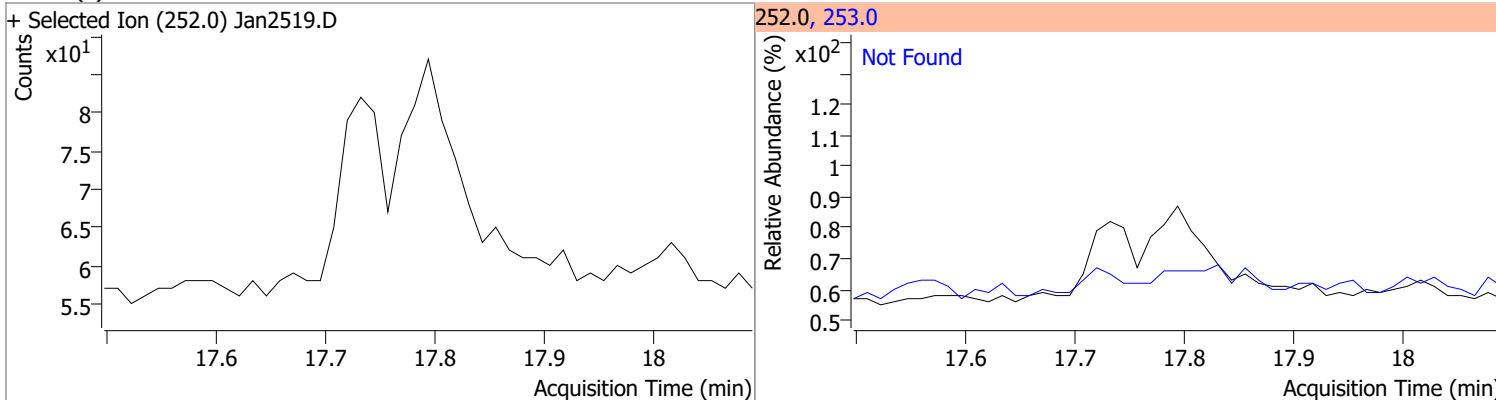


# Quantitation Results Report (QT Reviewed)

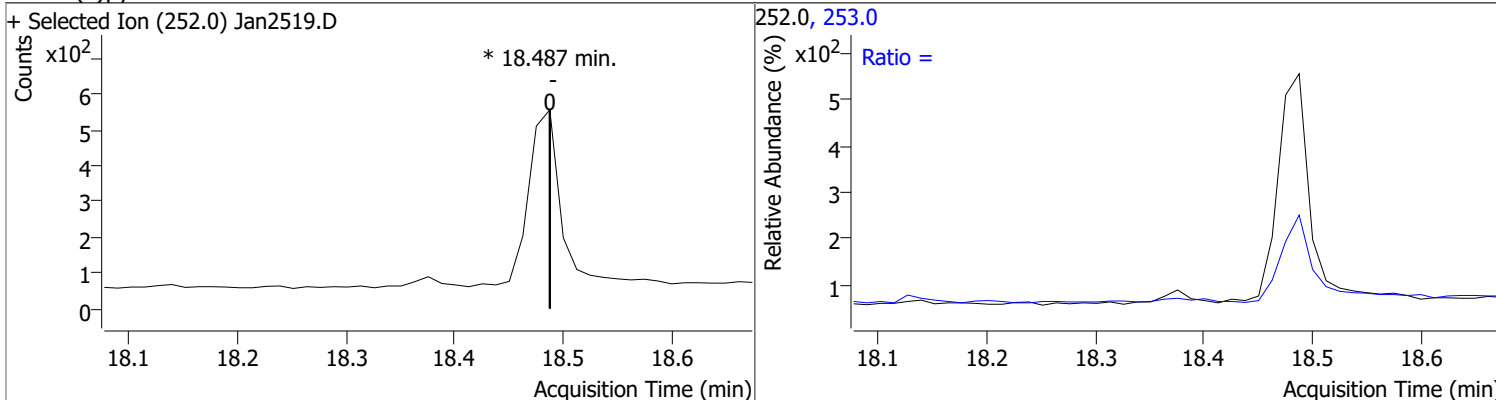
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



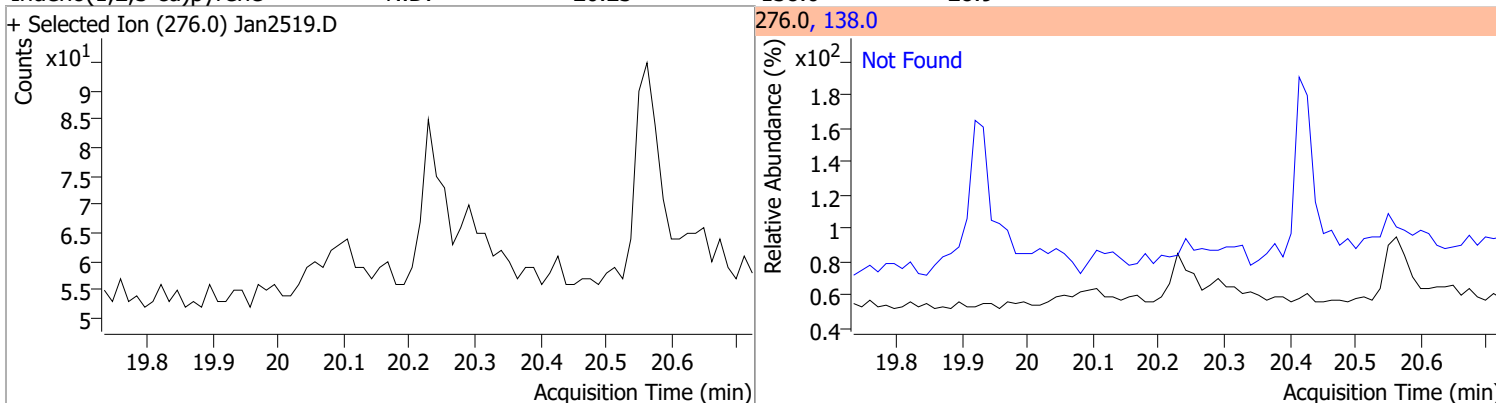
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



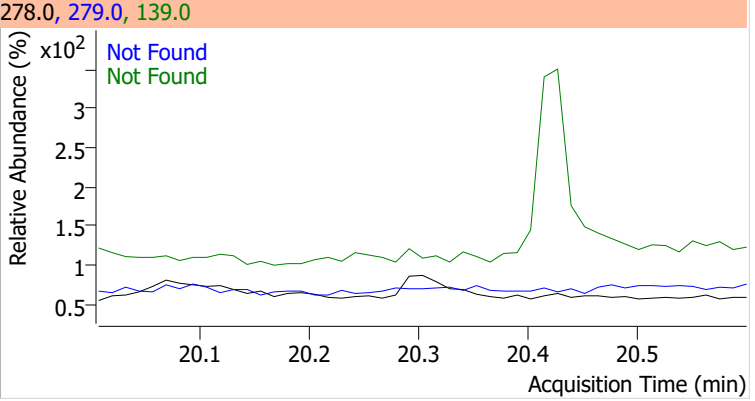
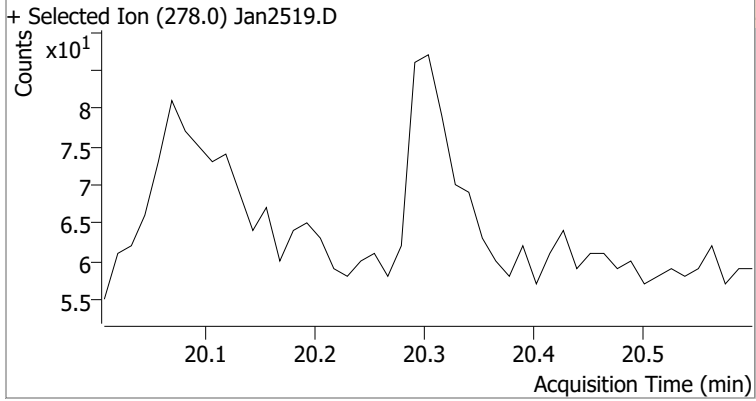
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



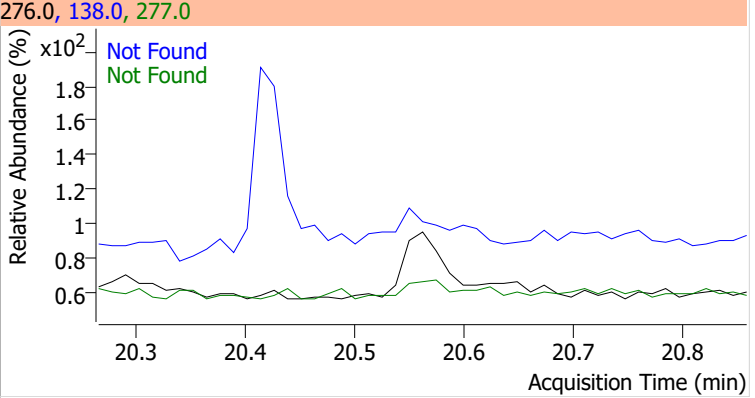
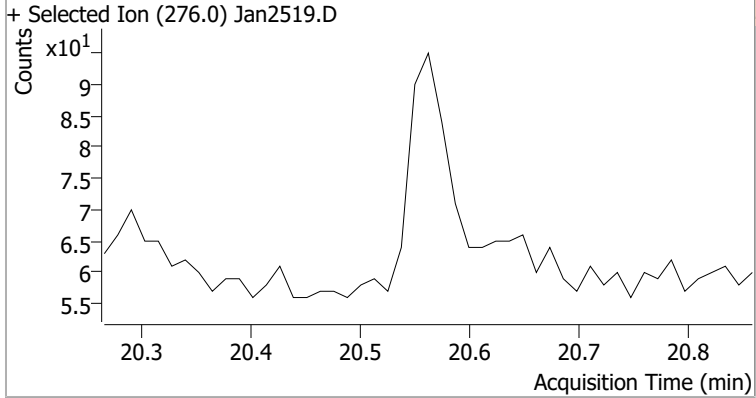


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



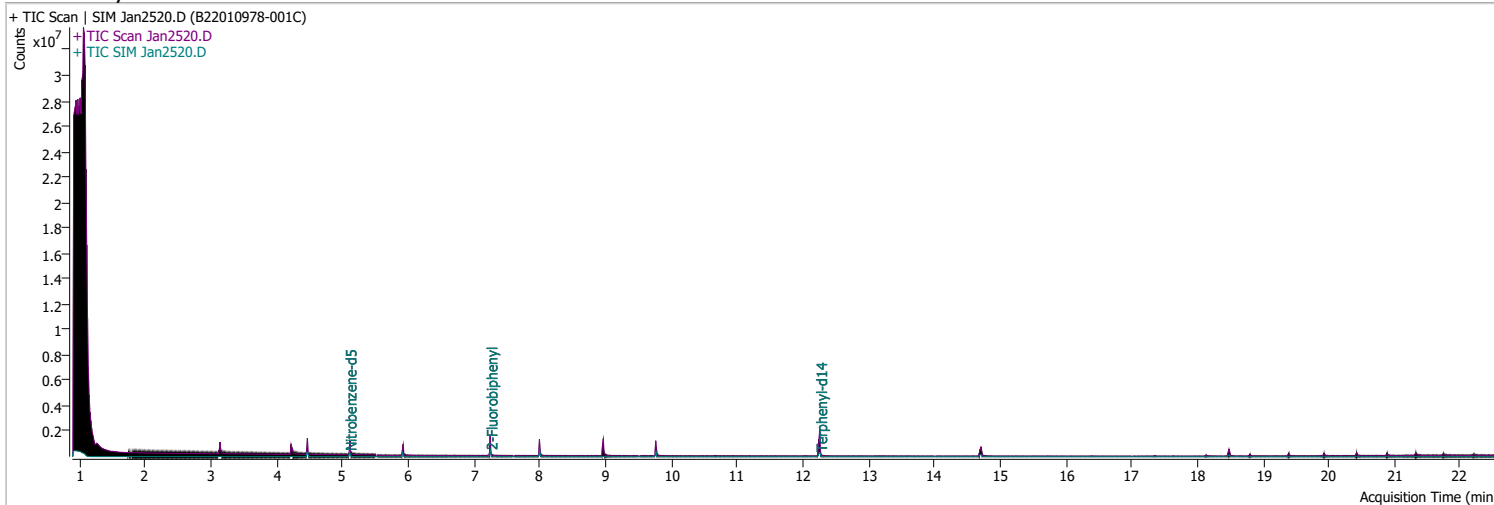
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3



# Quantitation Results Report (QT Reviewed)

Data File	Jan2520.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 8:49:45 PM
Sample Name	B22010978-001C	Instrument	GCMS
Vial	20	Multiplier	1.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	177475	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	327221	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.000	164.0	195137	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	384573	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	270397	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	174139	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	327327	35.2979	ng/ml	-0.037
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 705.96%		*
S 2-Fluorobiphenyl	7.252	172.0	426573	45.4789	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 909.58%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.263	244.0	496865	69.8593	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1397.19%		*
<b>Target Compounds</b>						<b>QValue</b>
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.000	154.0	0		ng/ml	md
T Fluorene	8.960	166.0	0		ng/ml	md
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.701	228.0	0		ng/ml	md
T Chrysene	14.701	228.0	0		ng/ml	md
T Benzo(b)fluoranthene	0.000		0	N.D.		

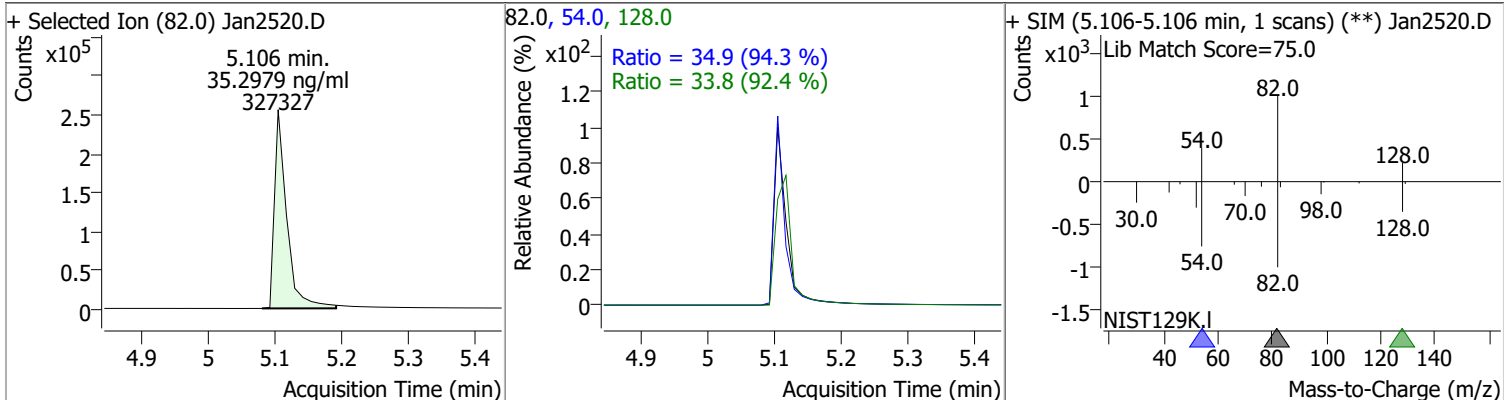
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.475	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

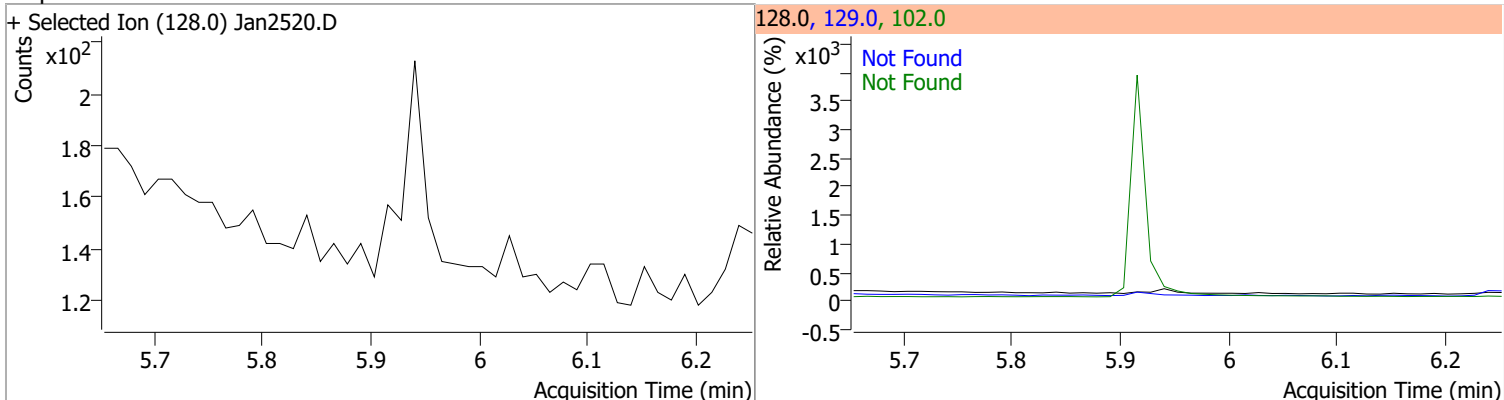
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

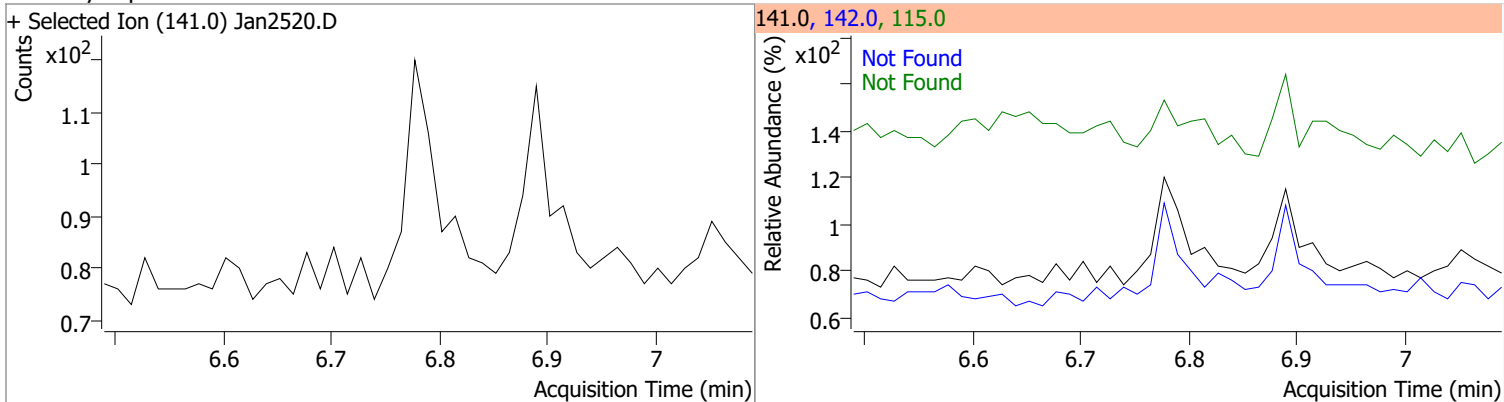
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	35.2979	5.11	-0.04	327327	54.0	34.9	25.9	48.1
					128.0	33.8	25.6	47.6



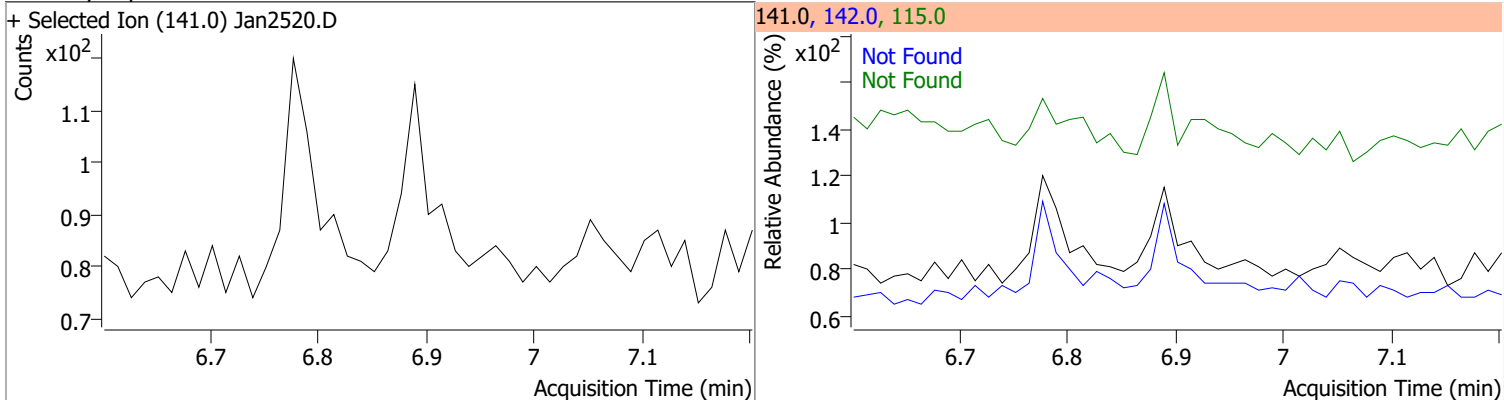
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7

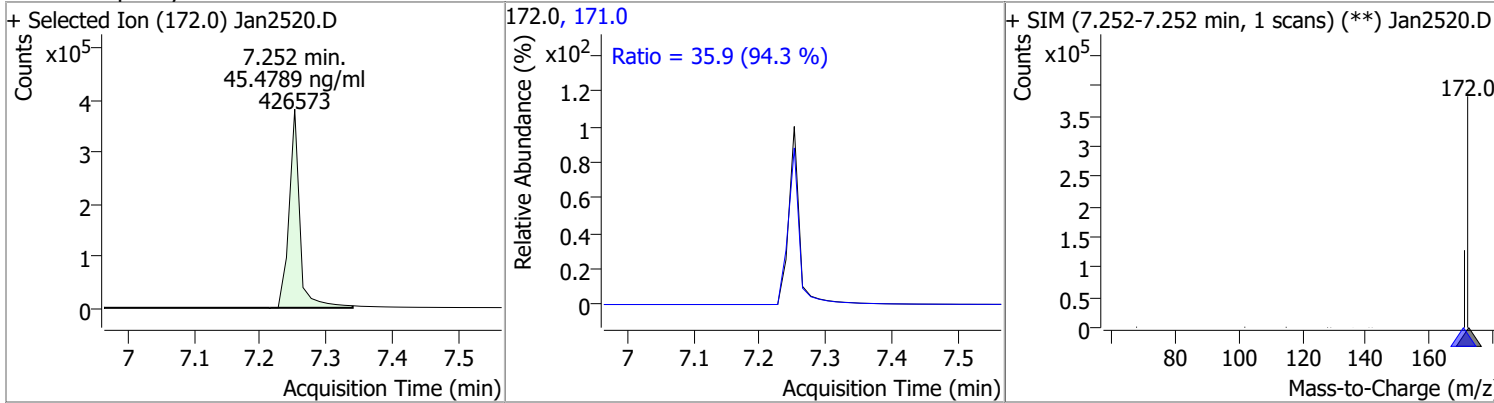


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

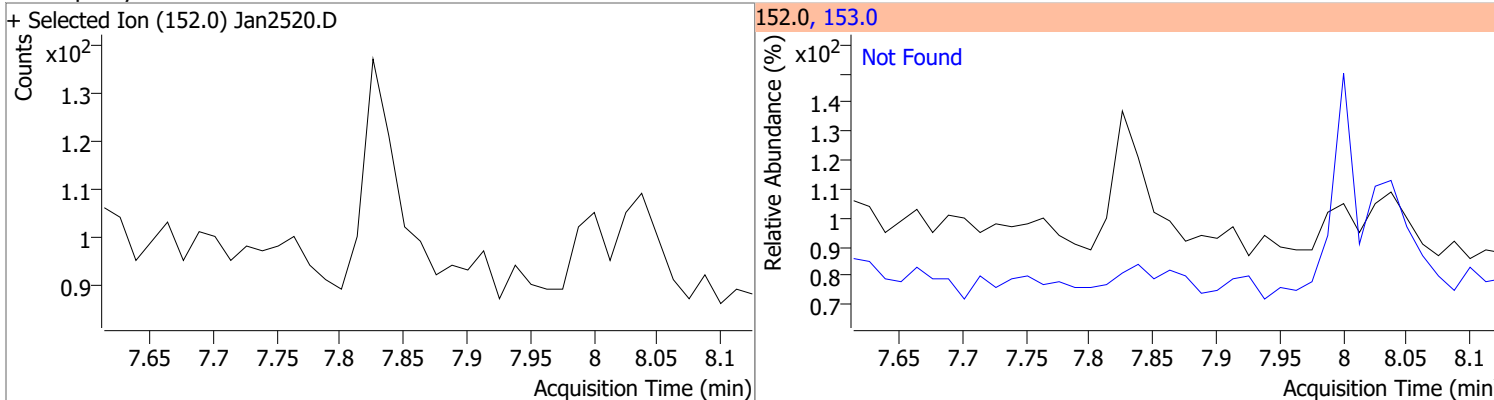


# Quantitation Results Report (QT Reviewed)

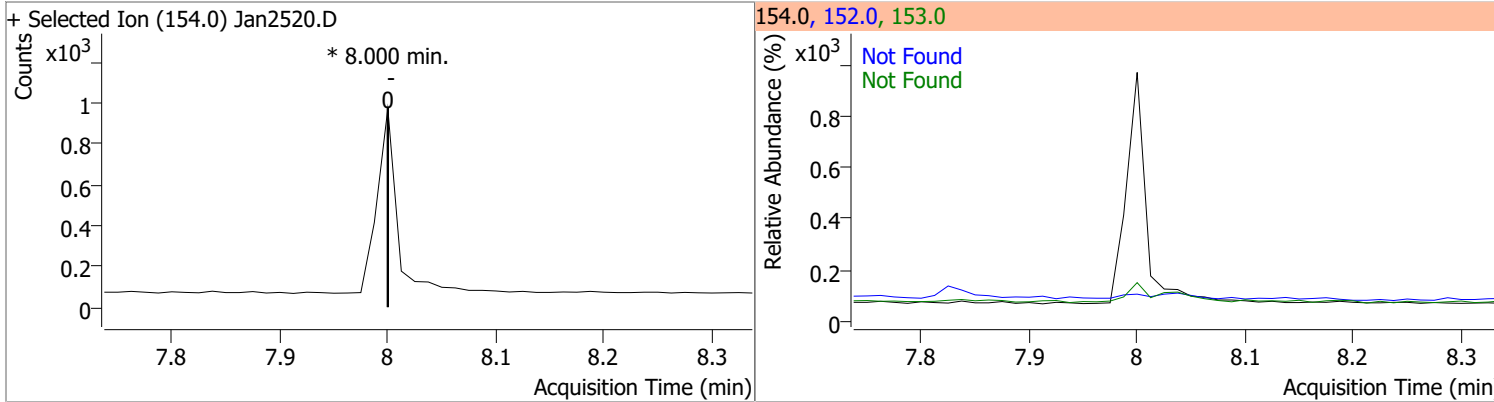
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	45.4789	7.25	-0.01	426573	171.0	35.9	26.6	49.5



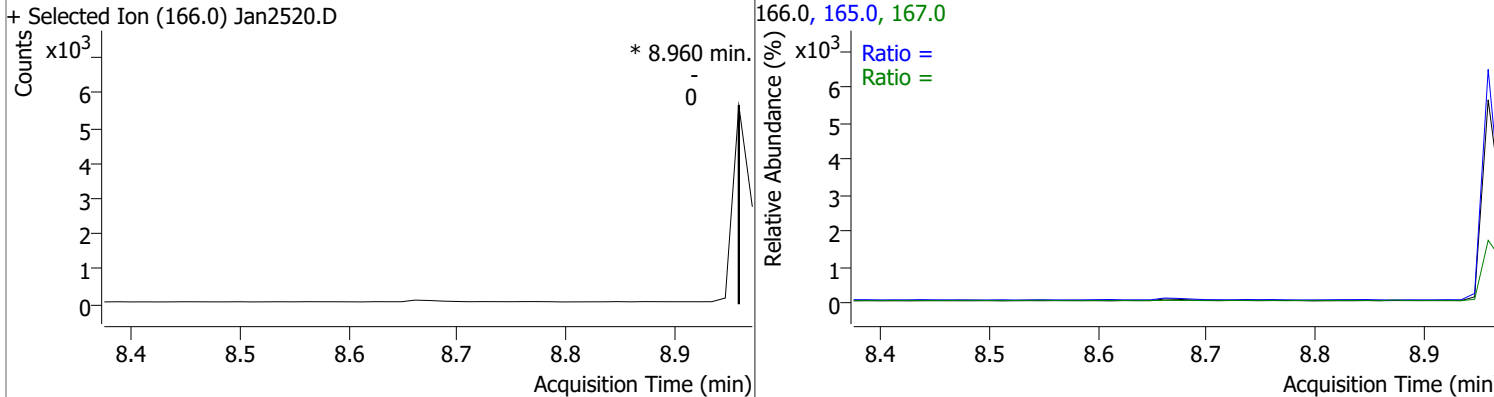
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1

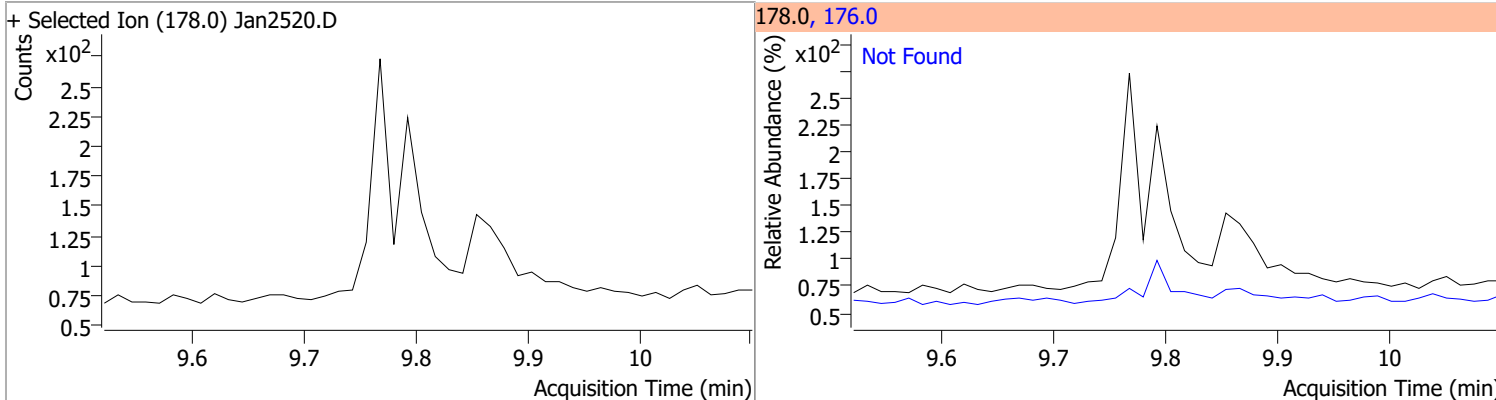


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		69.1	128.3
					167.0		9.7	18.0

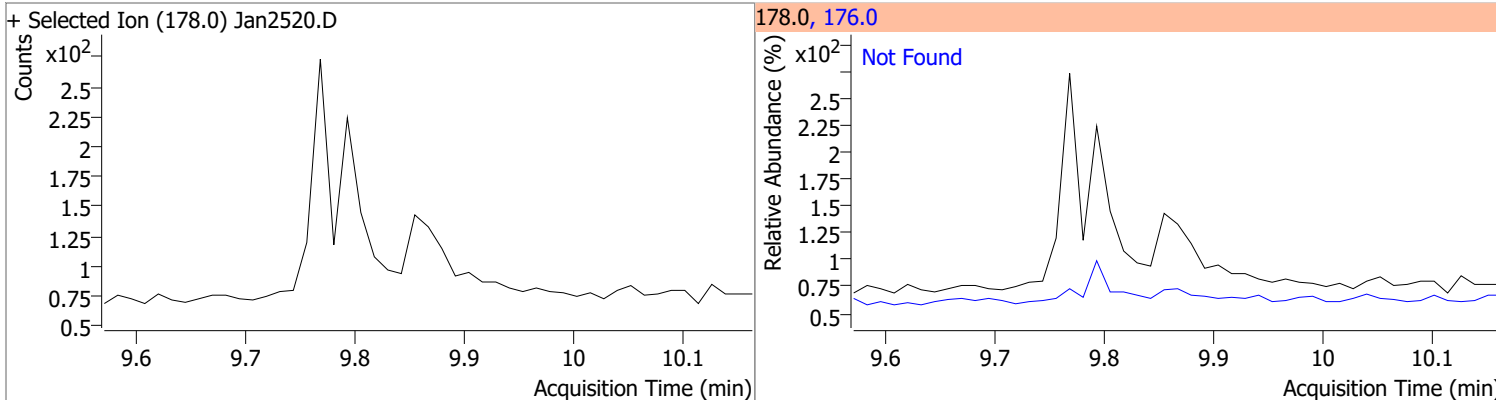


# Quantitation Results Report (QT Reviewed)

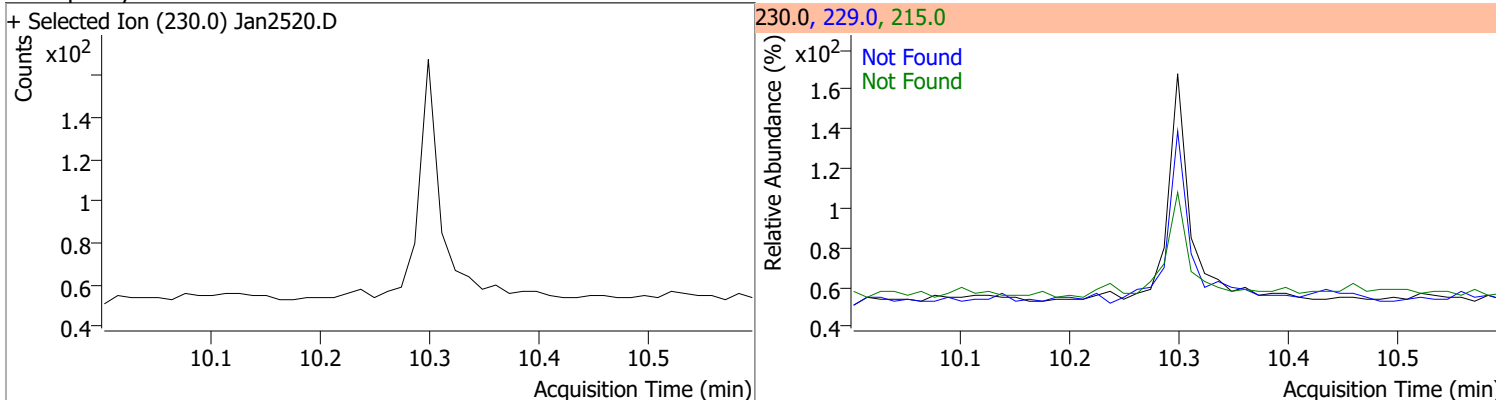
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



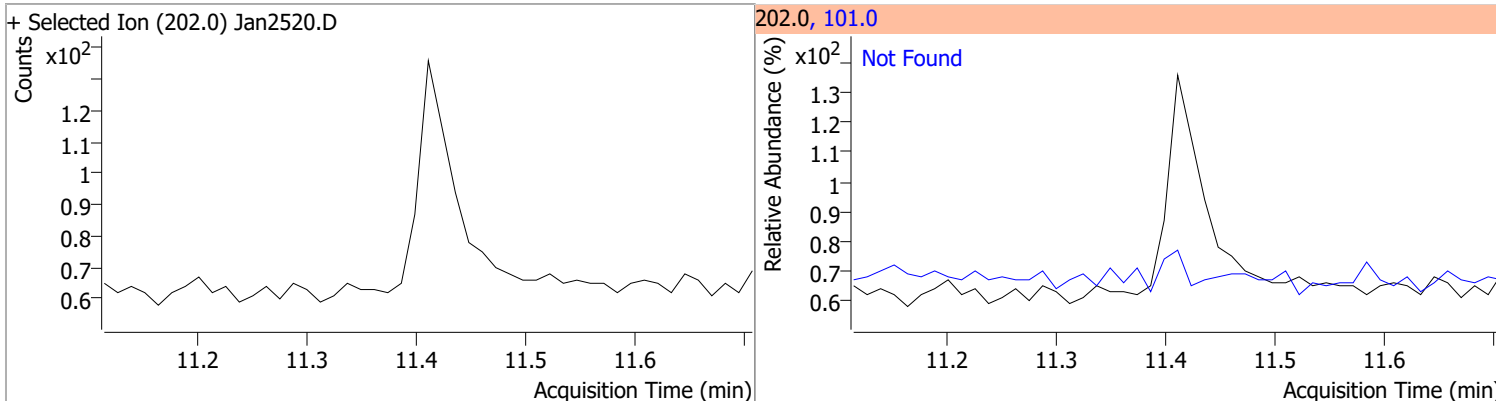
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.87	176.0	18.1



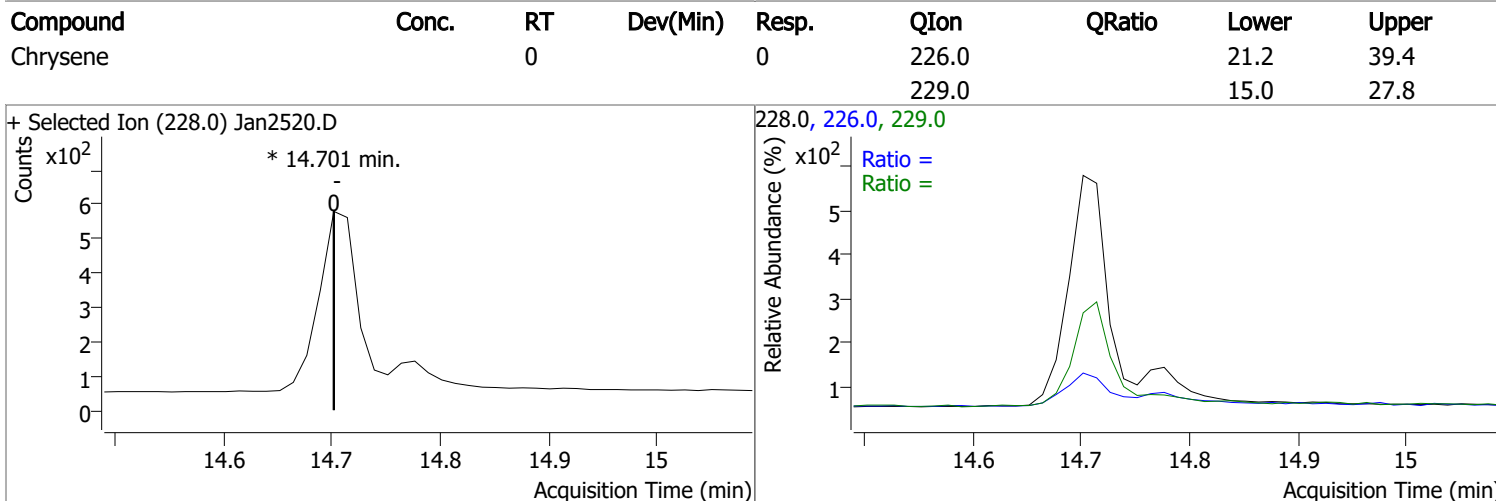
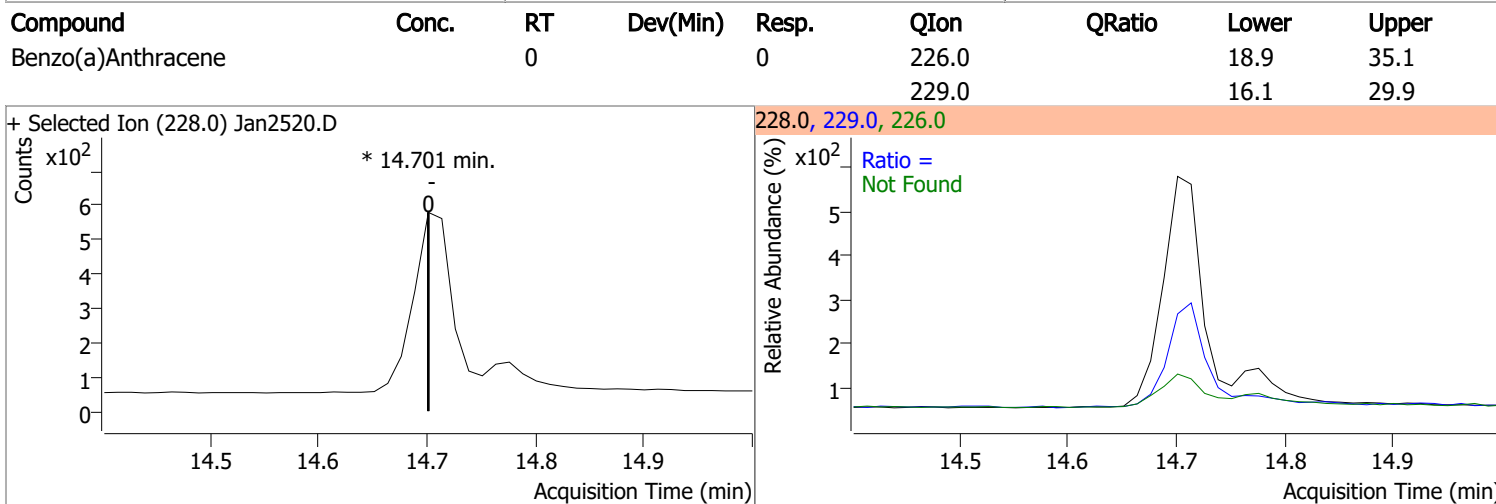
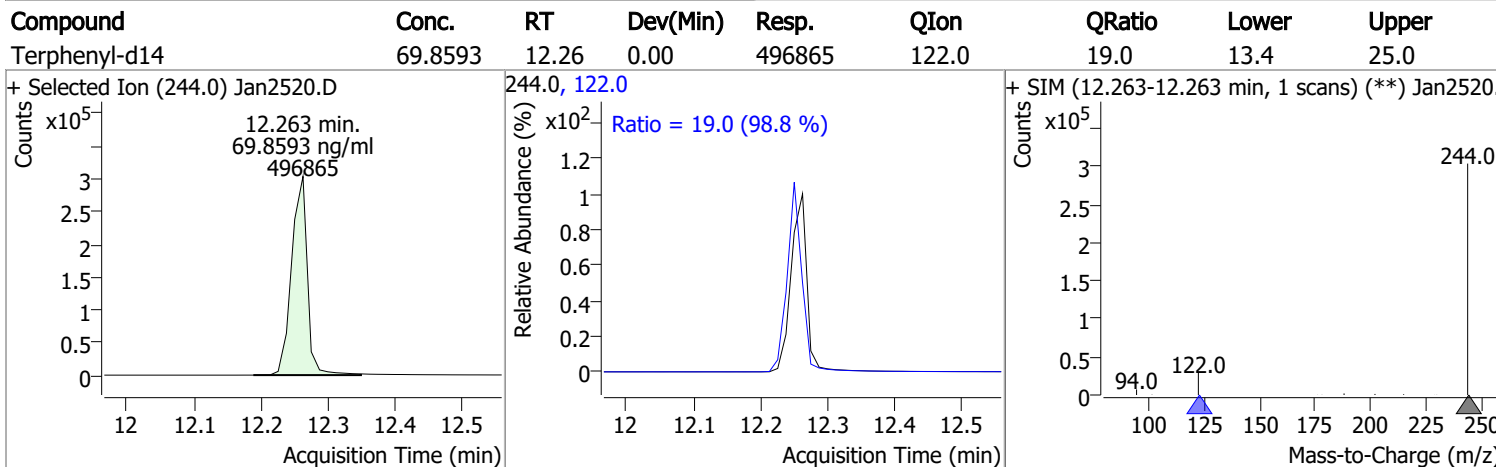
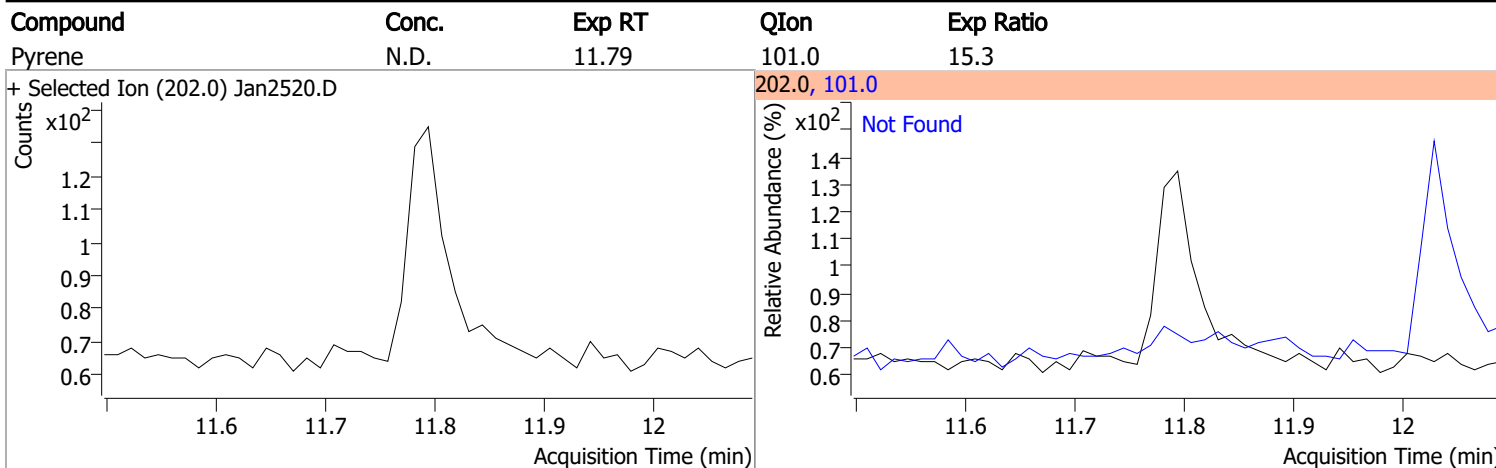
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	70.2	215.0	46.7



Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8

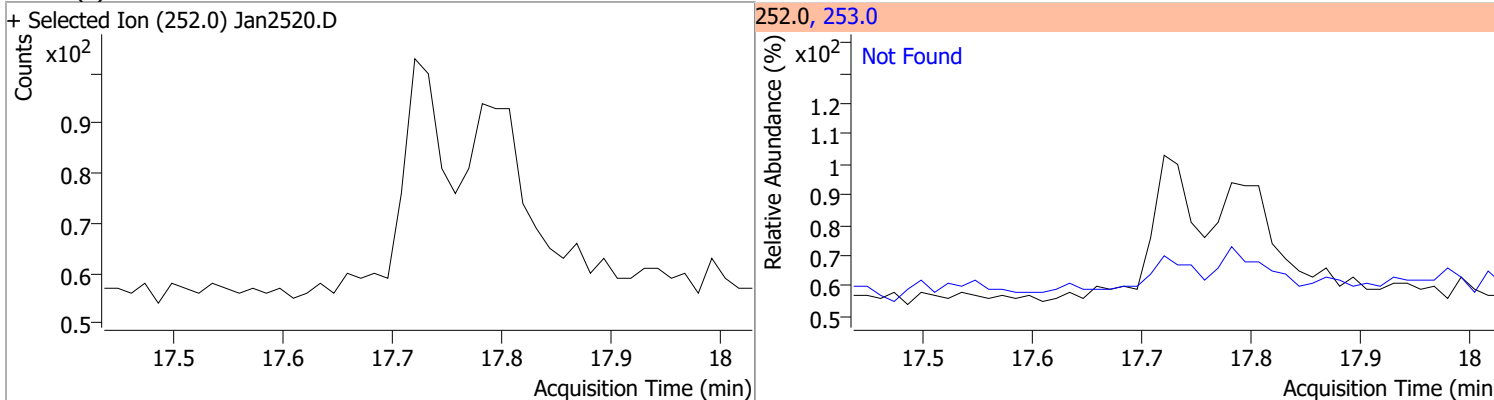


# Quantitation Results Report (QT Reviewed)

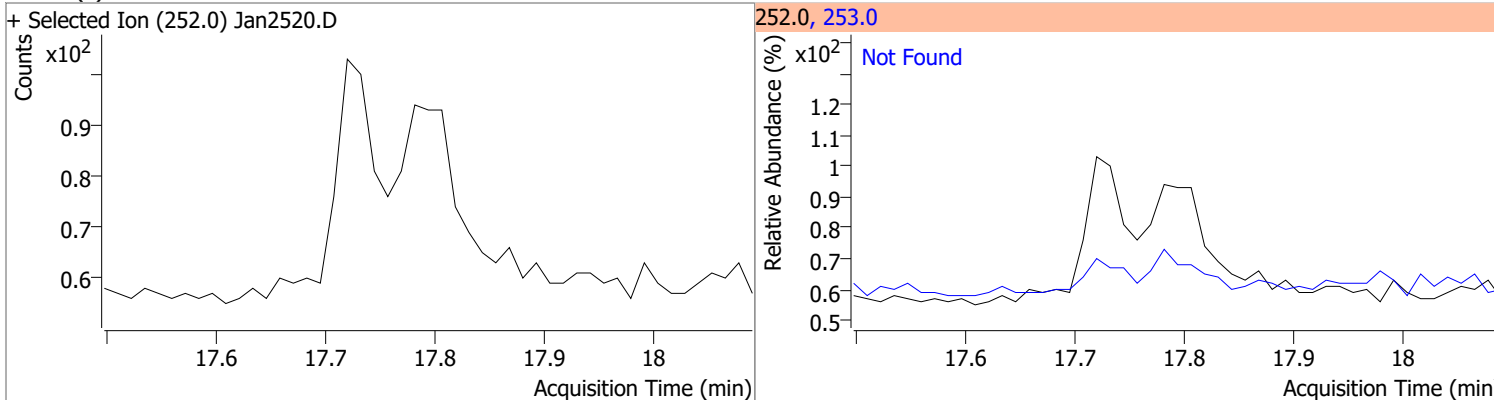


# Quantitation Results Report (QT Reviewed)

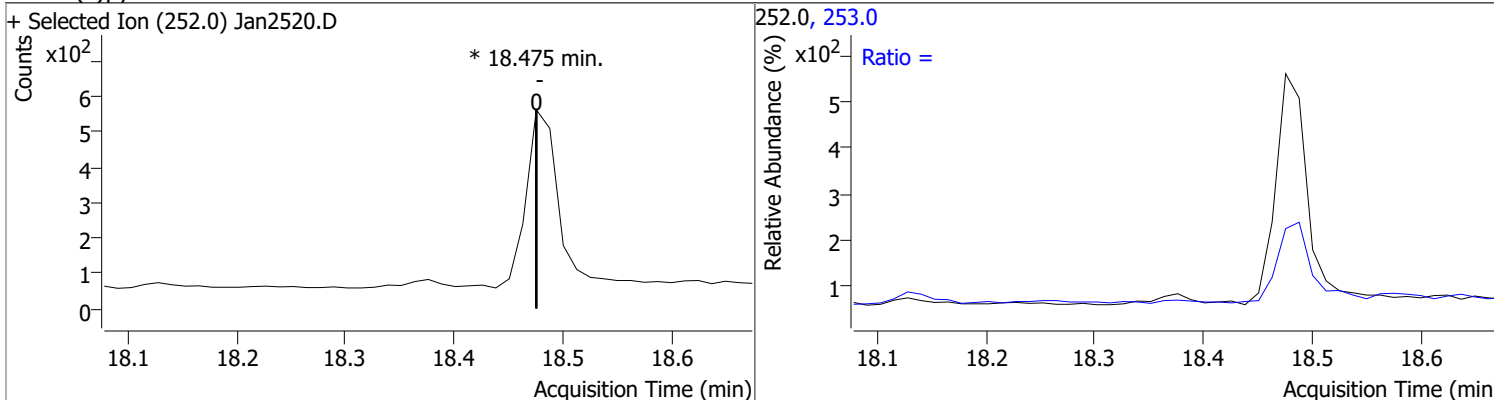
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



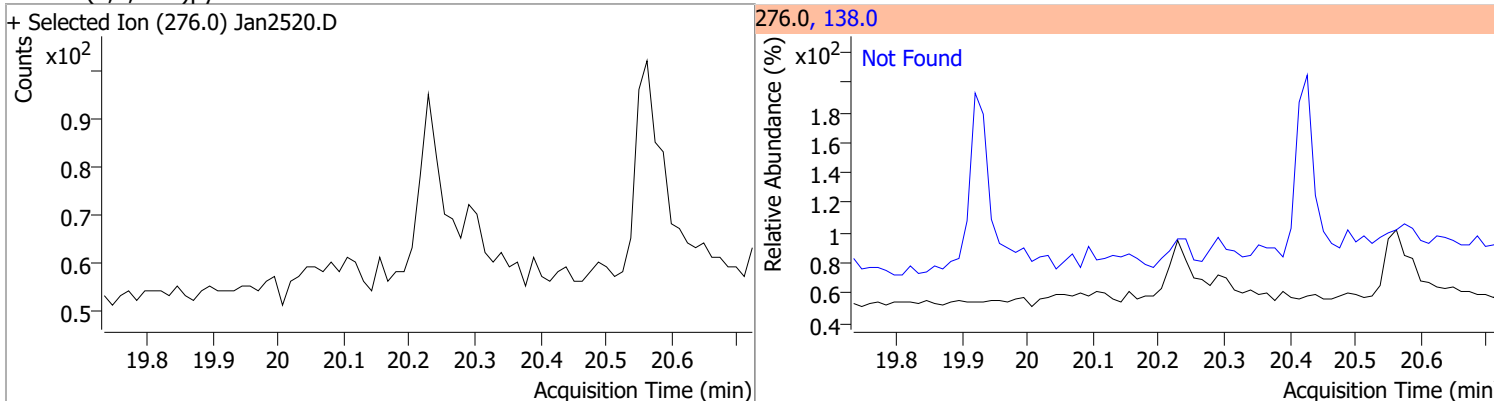
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



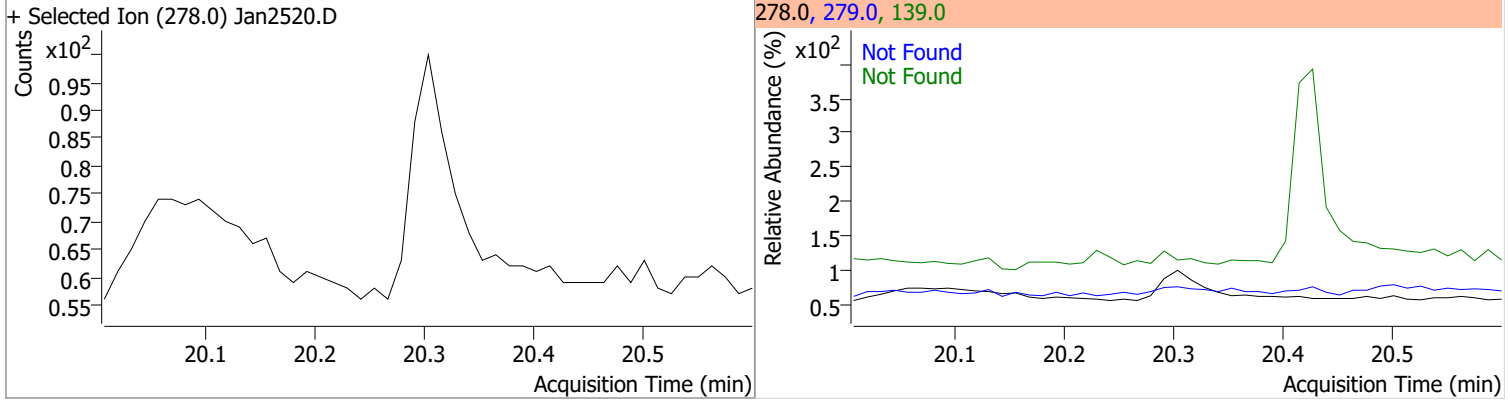
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



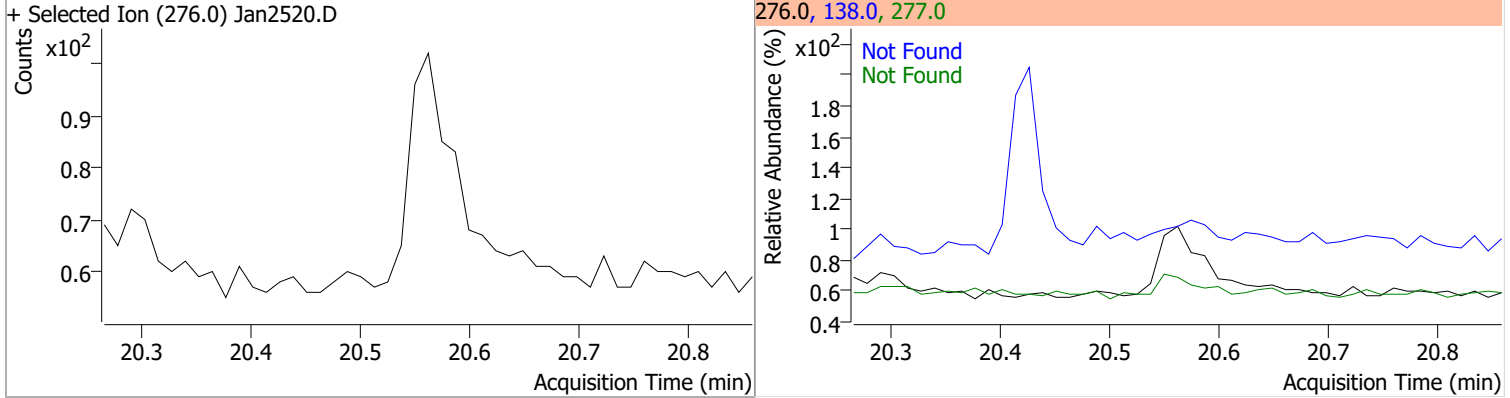


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



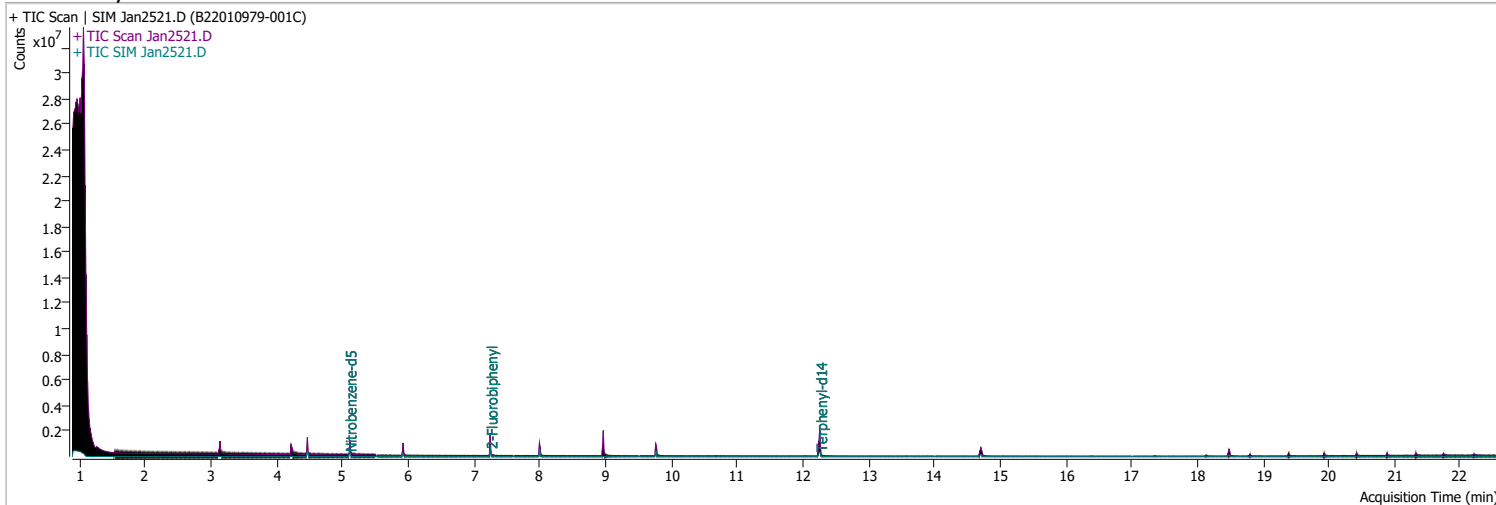
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3



# Quantitation Results Report (QT Reviewed)

Data File	Jan2521.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 9:22:12 PM
Sample Name	B22010979-001C	Instrument	GCMS
Vial	21	Multiplier	1.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	180360	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	322411	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.001	164.0	184542	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	368552	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	260560	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	169925	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	351080	36.4532	ng/ml	-0.037
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 729.06%		*
S 2-Fluorobiphenyl	7.252	172.0	440800	49.6937	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 993.87%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.263	244.0	518423	74.1750	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1483.50%		*
<b>Target Compounds</b>						<b>QValue</b>
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.001	154.0	0		ng/ml	md
T Fluorene	8.960	166.0	0		ng/ml	md
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.714	228.0	0		ng/ml	md
T Chrysene	14.714	228.0	0		ng/ml	md
T Benzo(b)fluoranthene	0.000		0	N.D.		

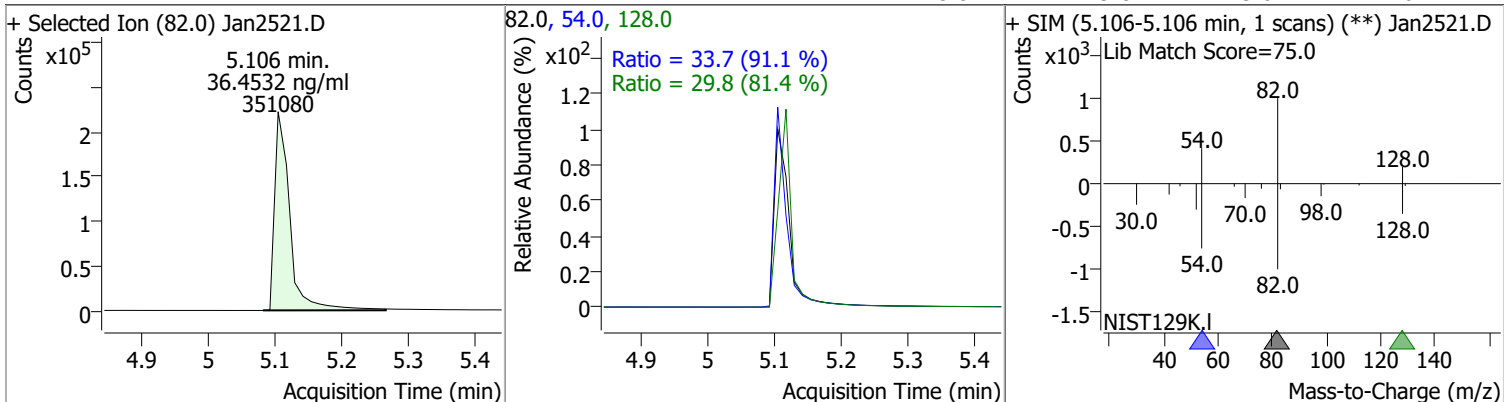
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.487	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

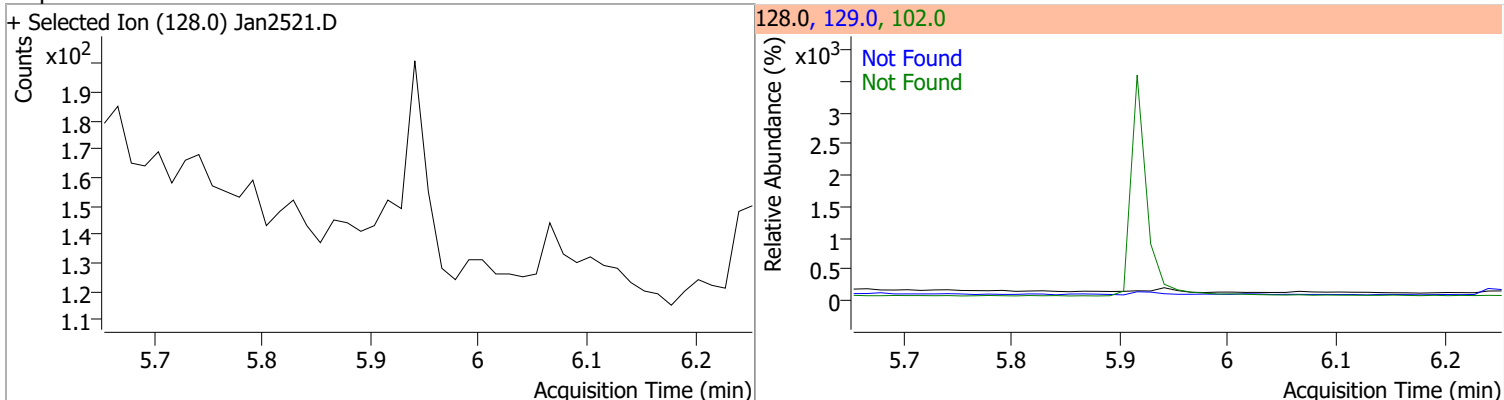
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

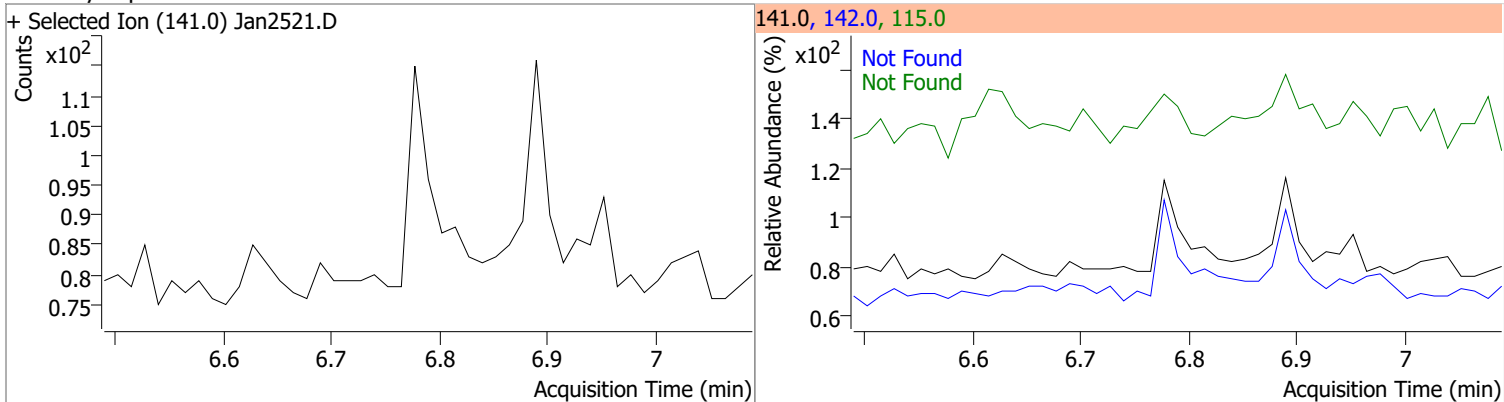
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	36.4532	5.11	-0.04	351080	54.0	33.7	25.9	48.1
					128.0	29.8	25.6	47.6



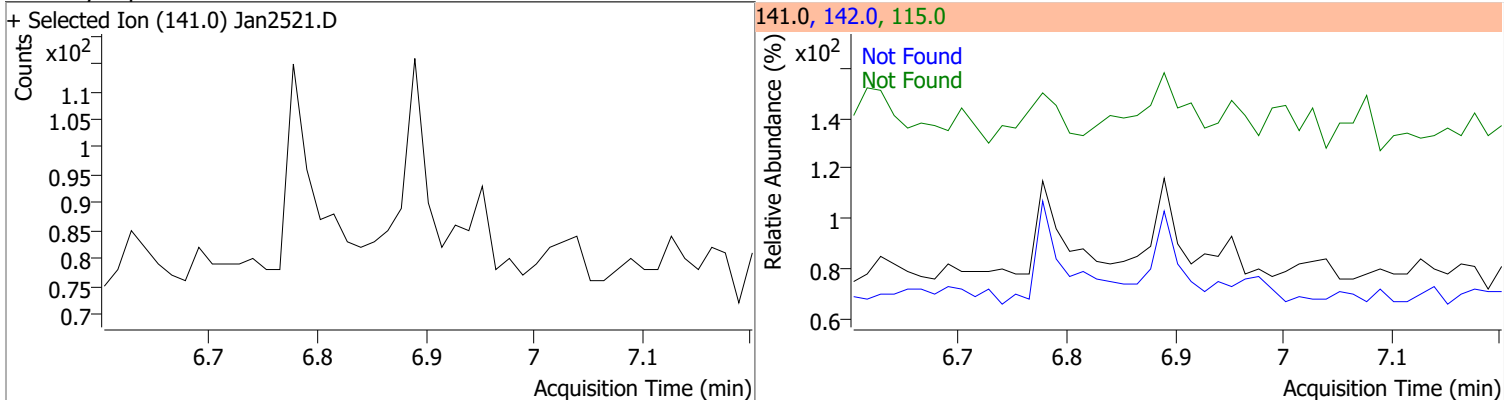
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7

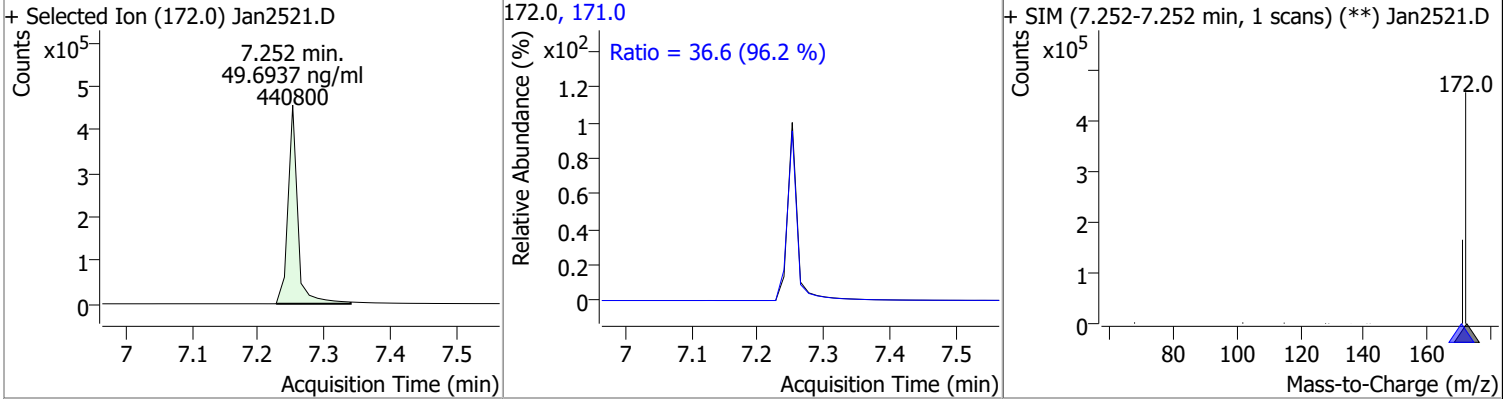


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

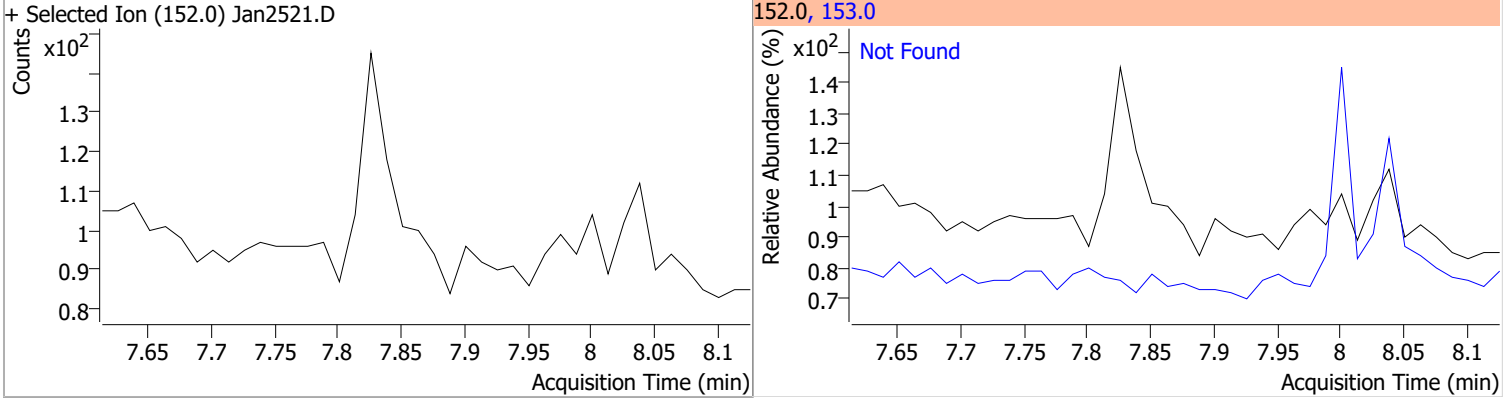


# Quantitation Results Report (QT Reviewed)

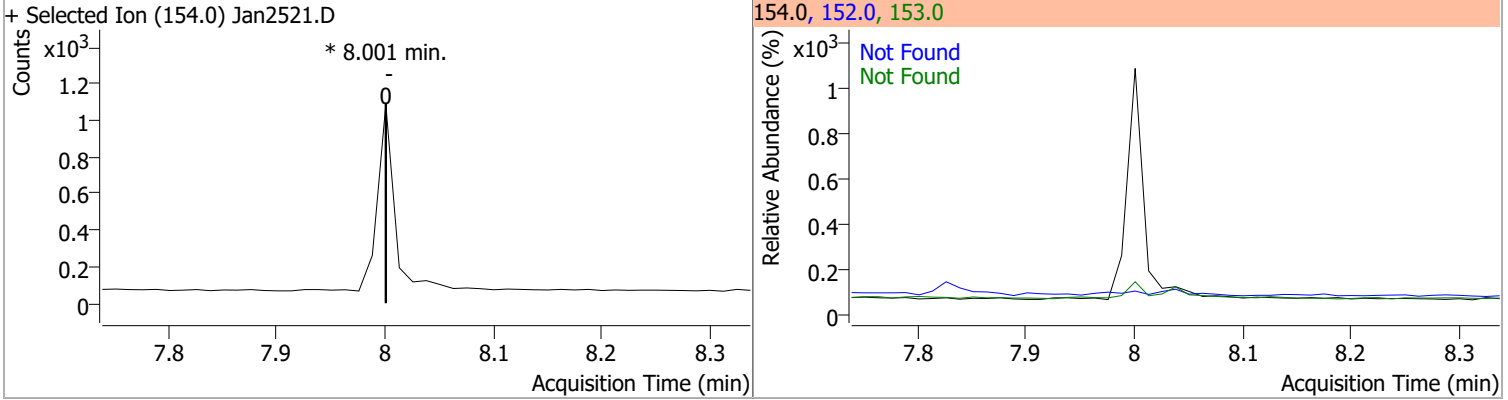
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	49.6937	7.25	-0.01	440800	171.0	36.6	26.6	49.5



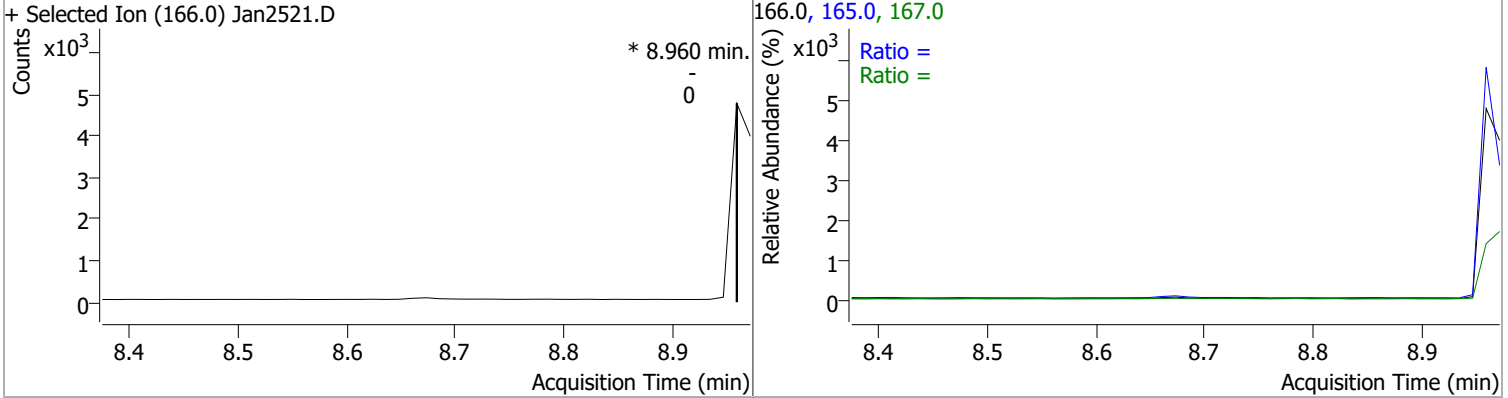
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



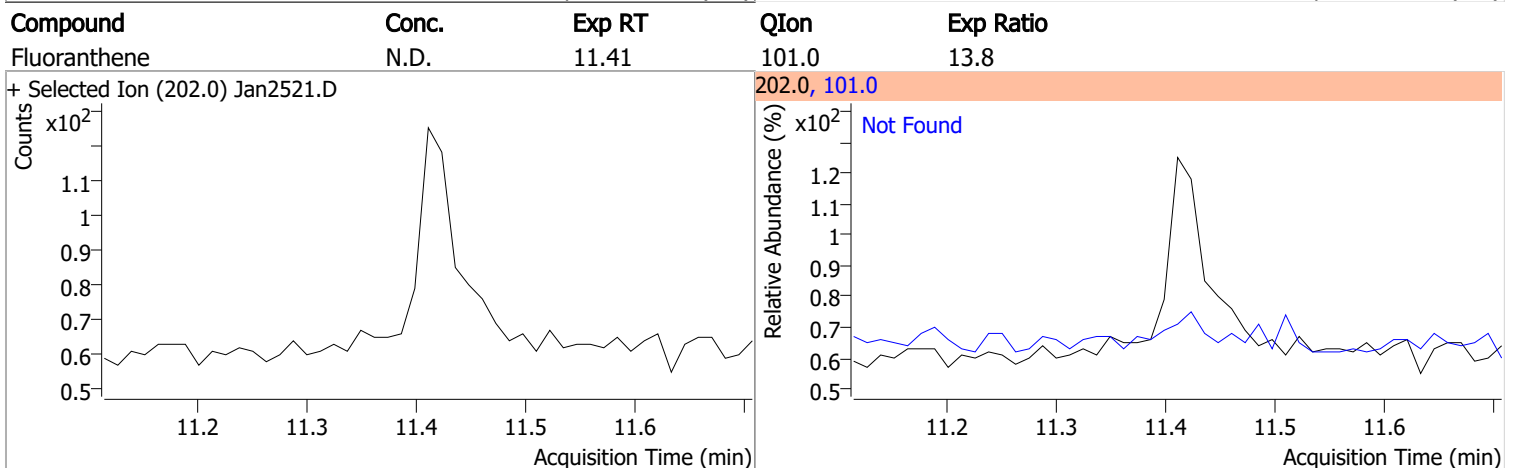
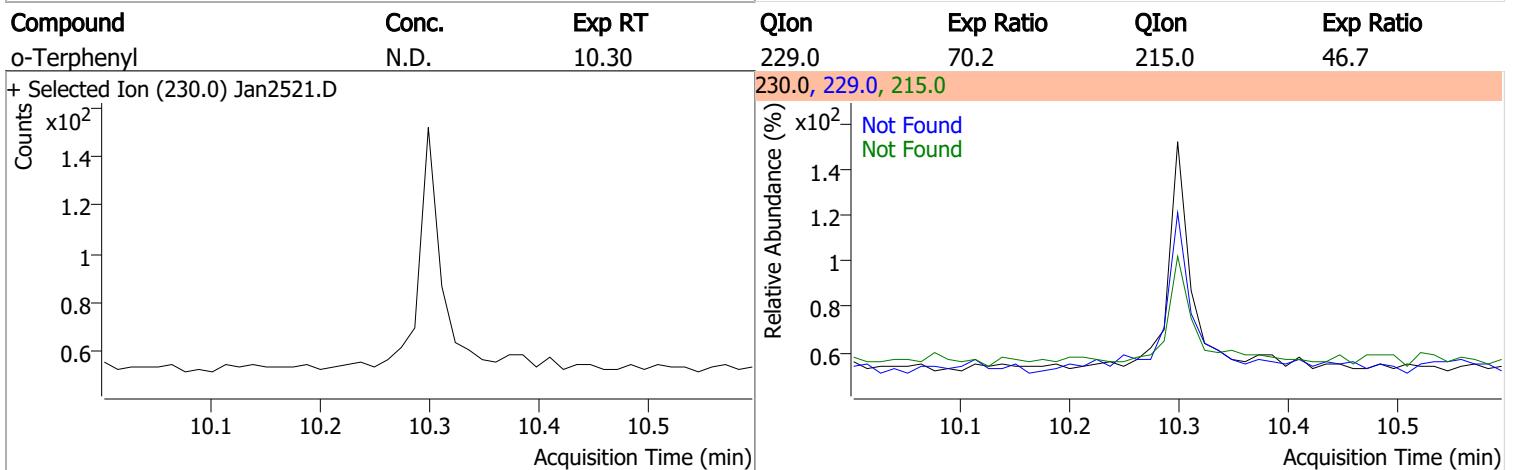
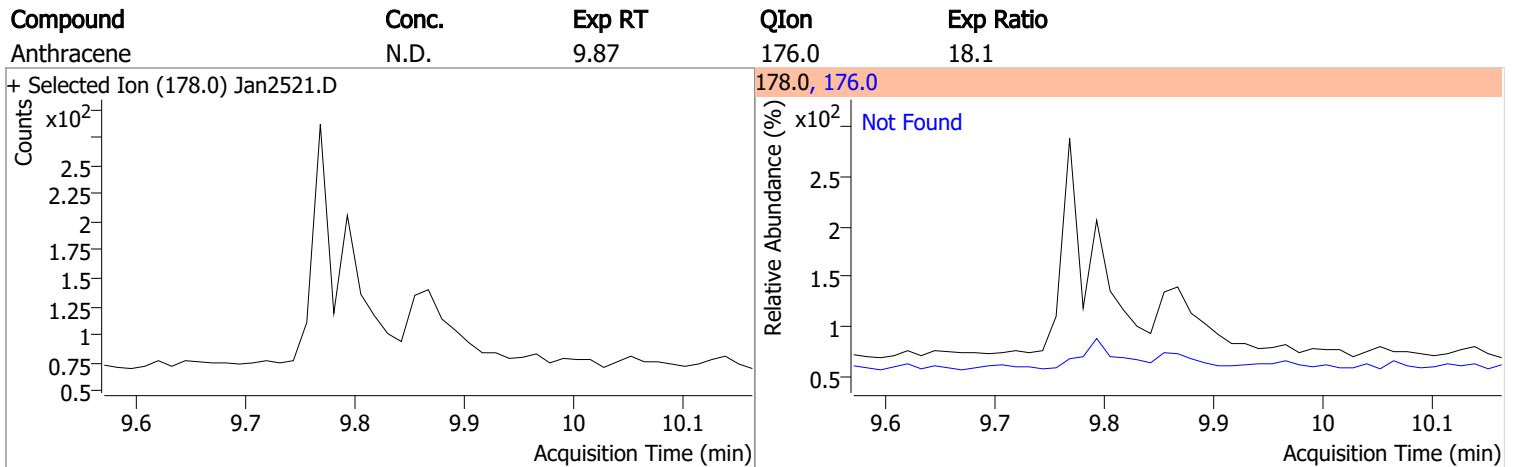
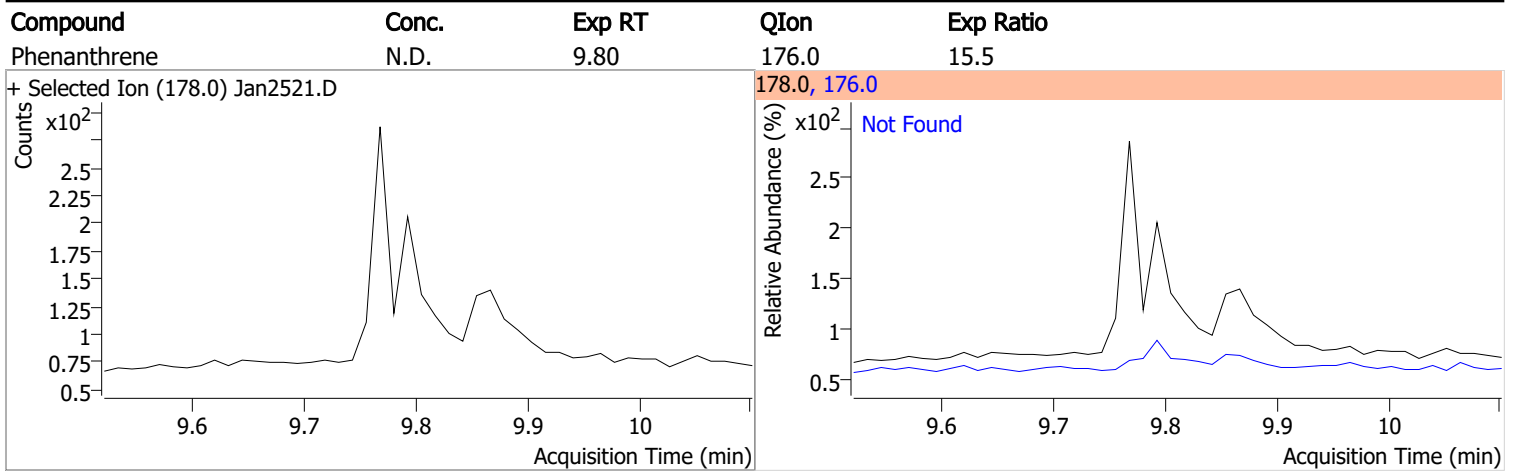
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0 152.0		82.1 41.0	152.6 76.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0 167.0		69.1 9.7	128.3 18.0

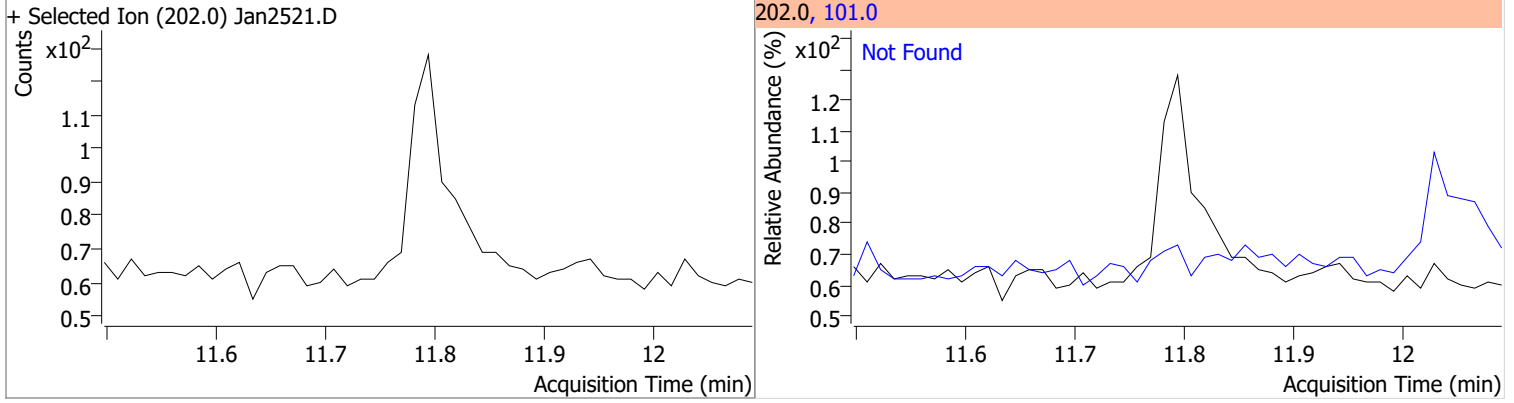


# Quantitation Results Report (QT Reviewed)

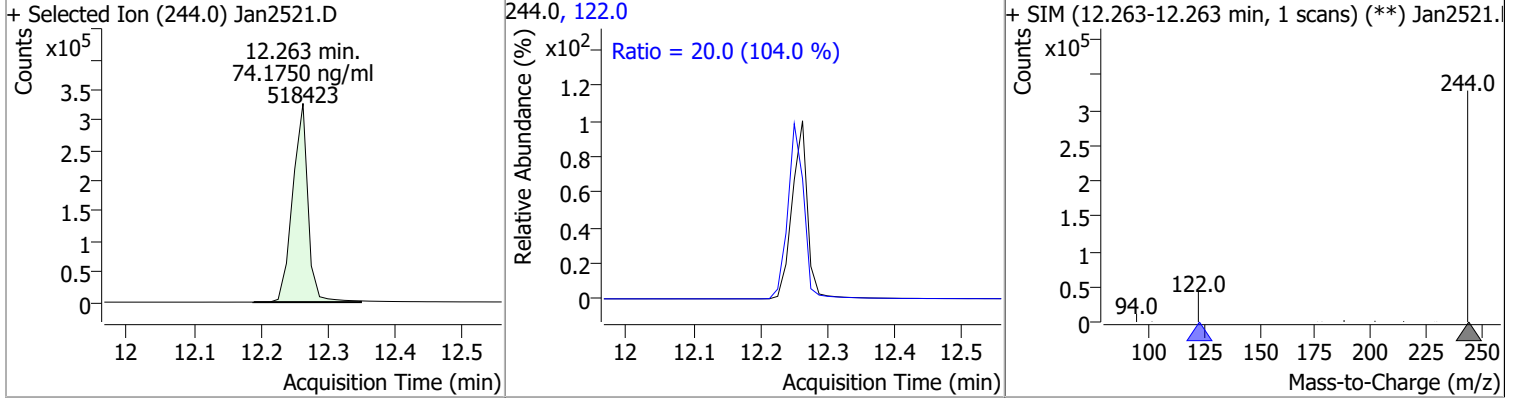


# Quantitation Results Report (QT Reviewed)

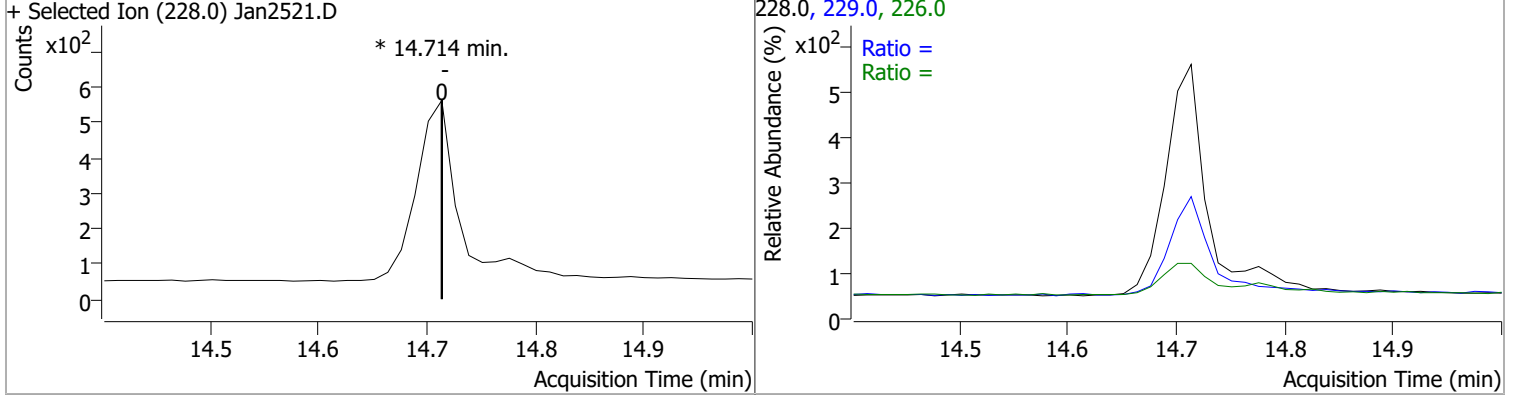
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.79	101.0	15.3



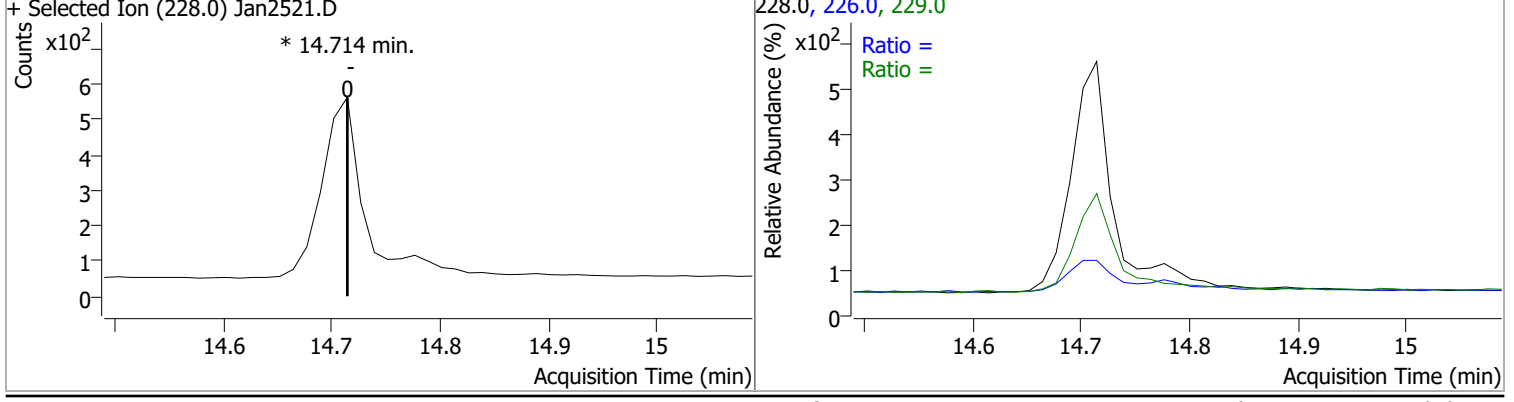
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	74.1750	12.26	0.00	518423	122.0	20.0	13.4	25.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	0	0	0	0	226.0 229.0		18.9 16.1	35.1 29.9

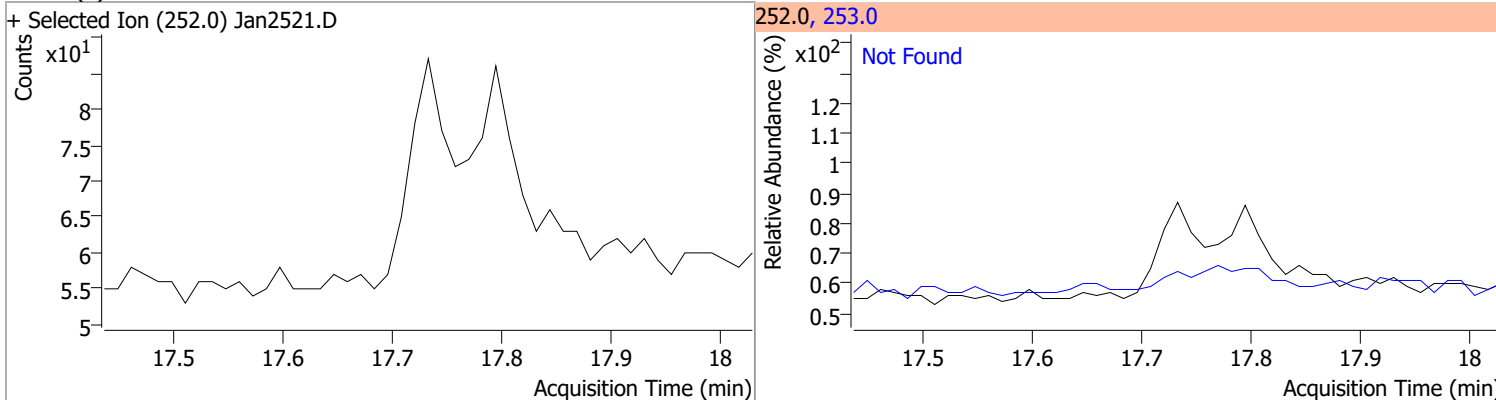


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0	0	0	0	226.0 229.0		21.2 15.0	39.4 27.8

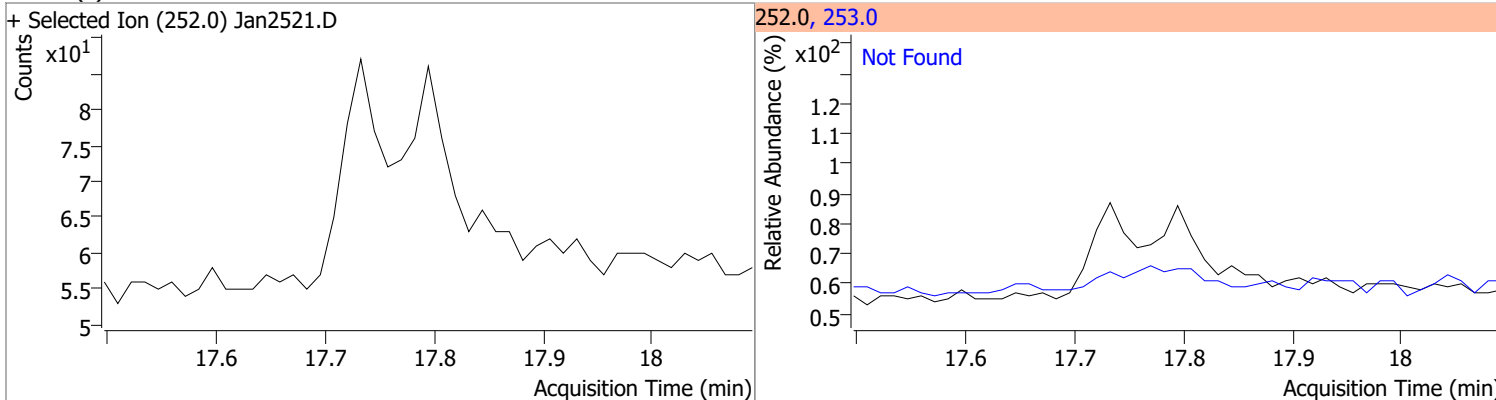


# Quantitation Results Report (QT Reviewed)

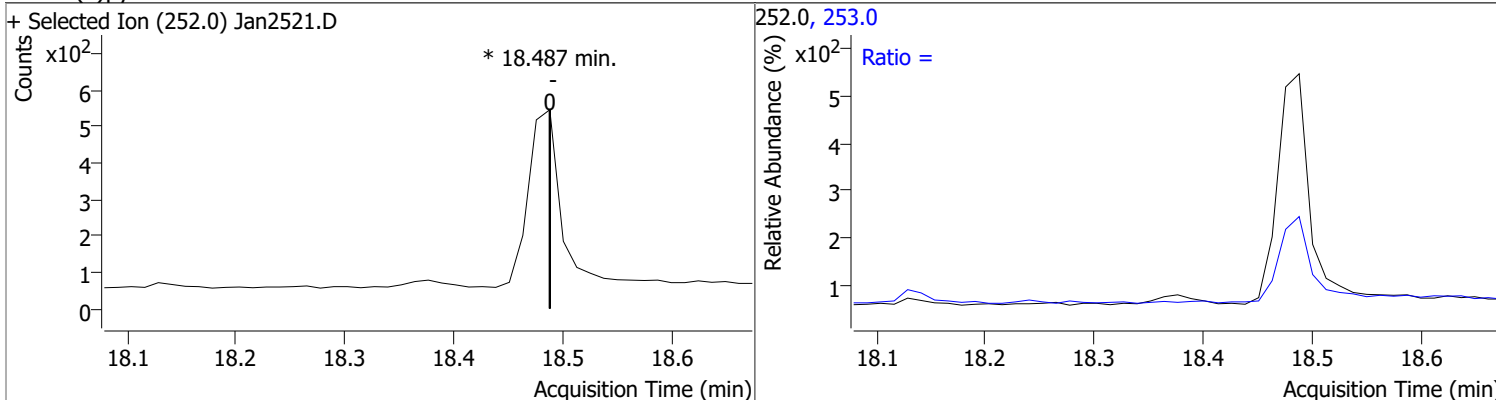
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



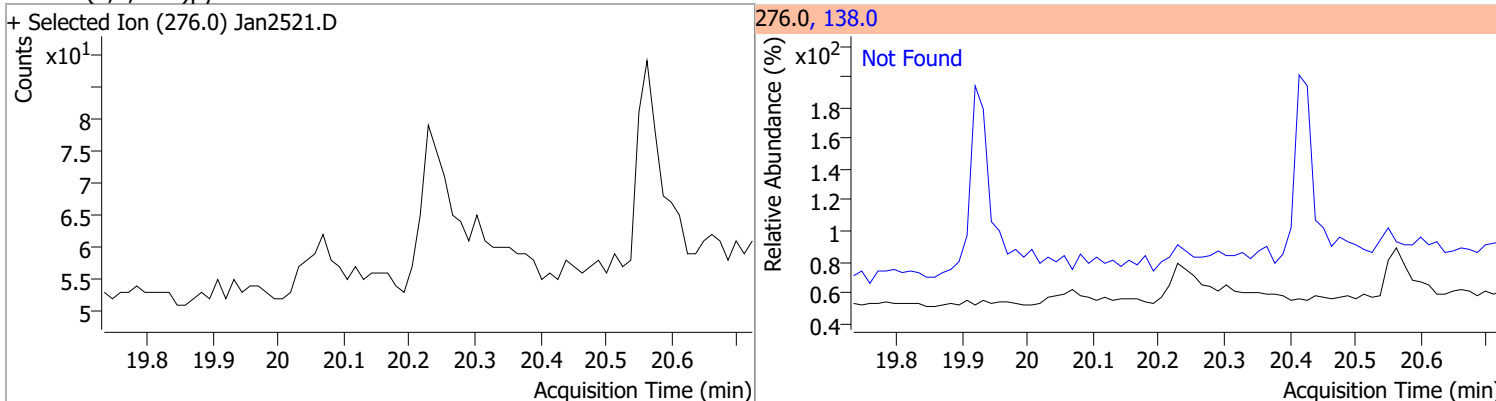
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



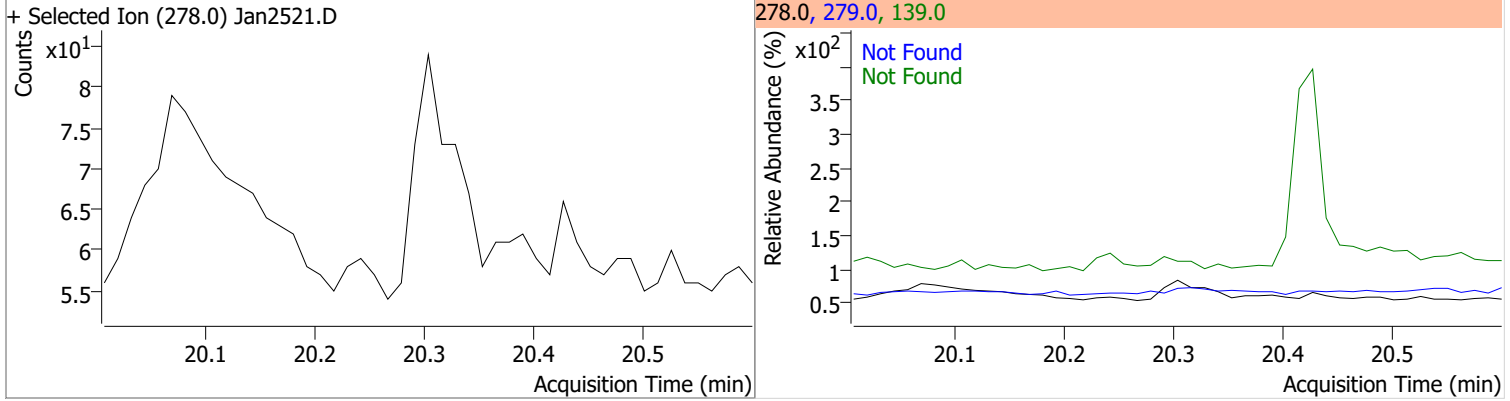
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



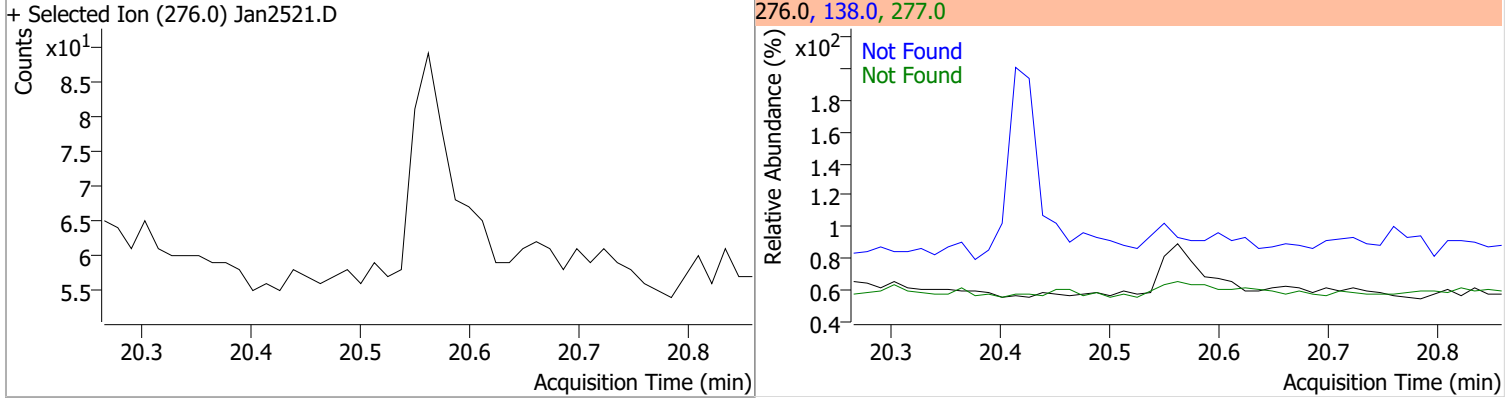


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



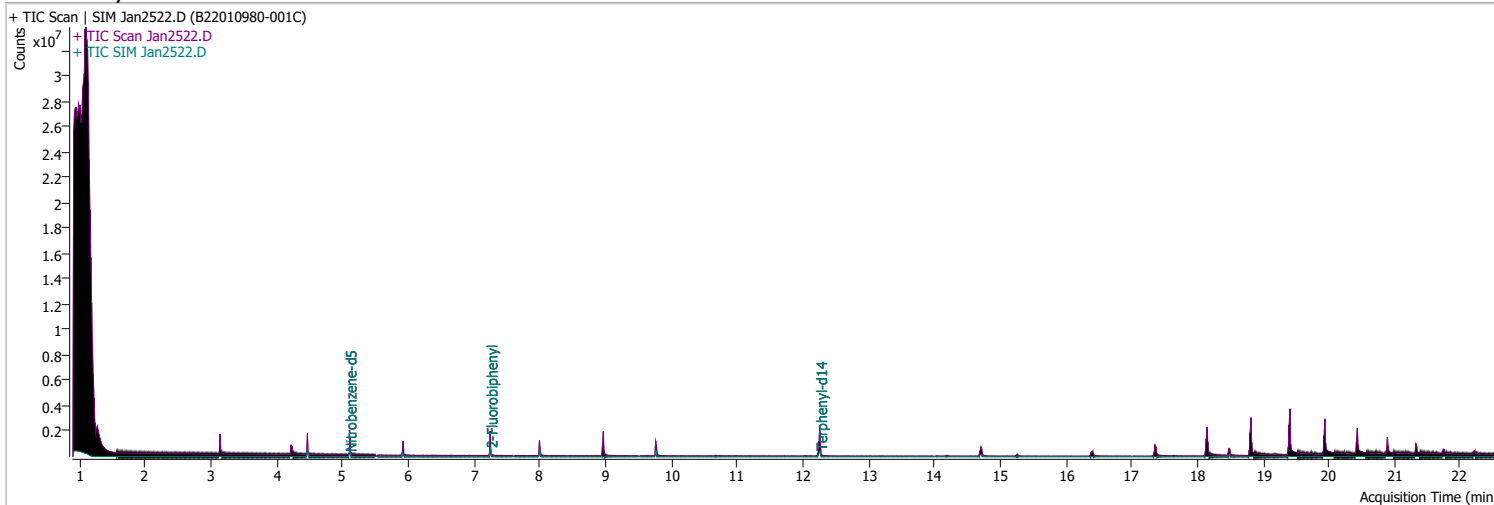
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3



# Quantitation Results Report (QT Reviewed)

Data File	Jan2522.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 9:54:46 PM
Sample Name	B22010980-001C	Instrument	GCMS
Vial	22	Multiplier	1.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	203554	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	356575	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.000	164.0	209812	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	416182	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	290931	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	200735	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	392504	36.2486	ng/ml	-0.037
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 724.97%		*
S 2-Fluorobiphenyl	7.252	172.0	515022	51.0681	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1021.36%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.263	244.0	548934	71.2715	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1425.43%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.000	154.0	0		ng/ml	md
T Fluorene	8.960	166.0	0		ng/ml	md
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.714	228.0	0		ng/ml	md
T Chrysene	14.714	228.0	0		ng/ml	md
T Benzo(b)fluoranthene	0.000		0	N.D.		

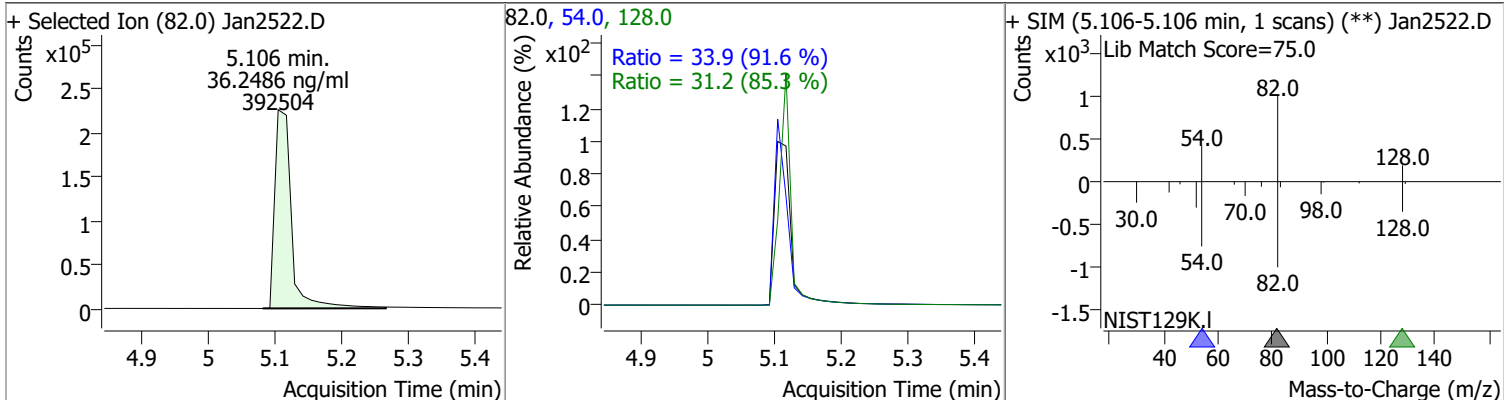
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.487	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

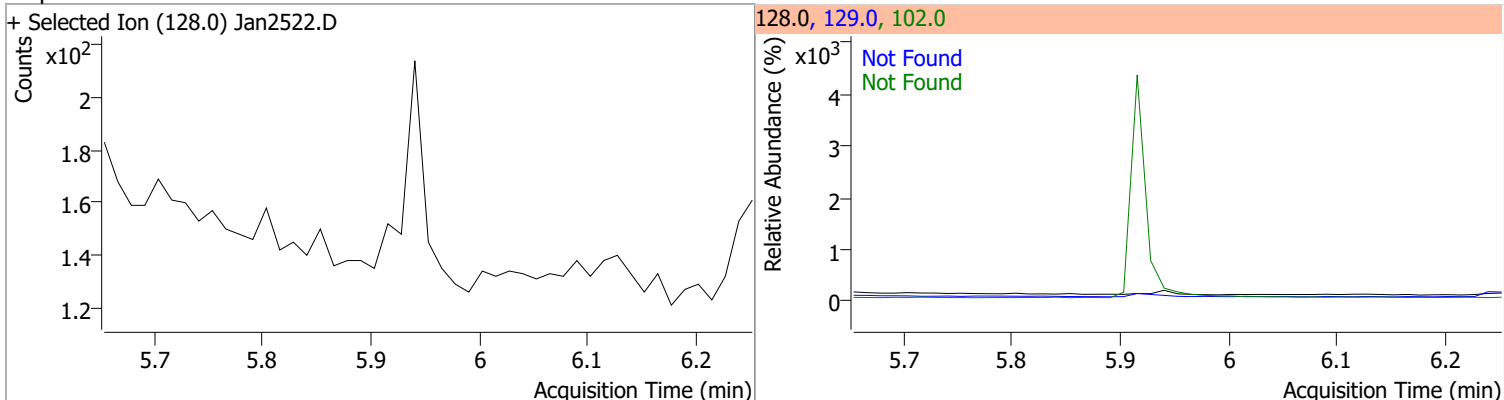
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

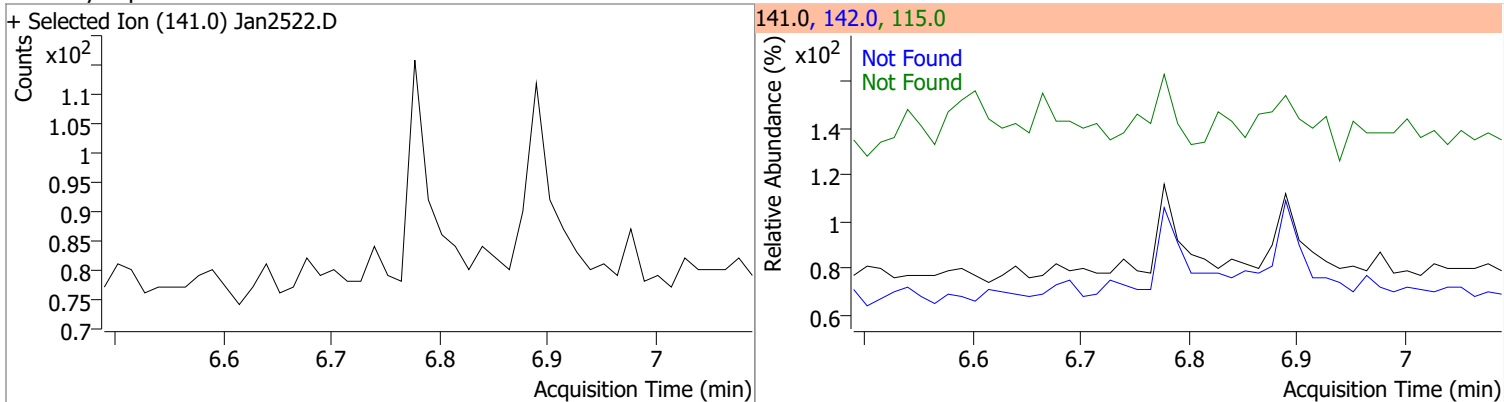
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	36.2486	5.11	-0.04	392504	54.0	33.9	25.9	48.1
					128.0	31.2	25.6	47.6



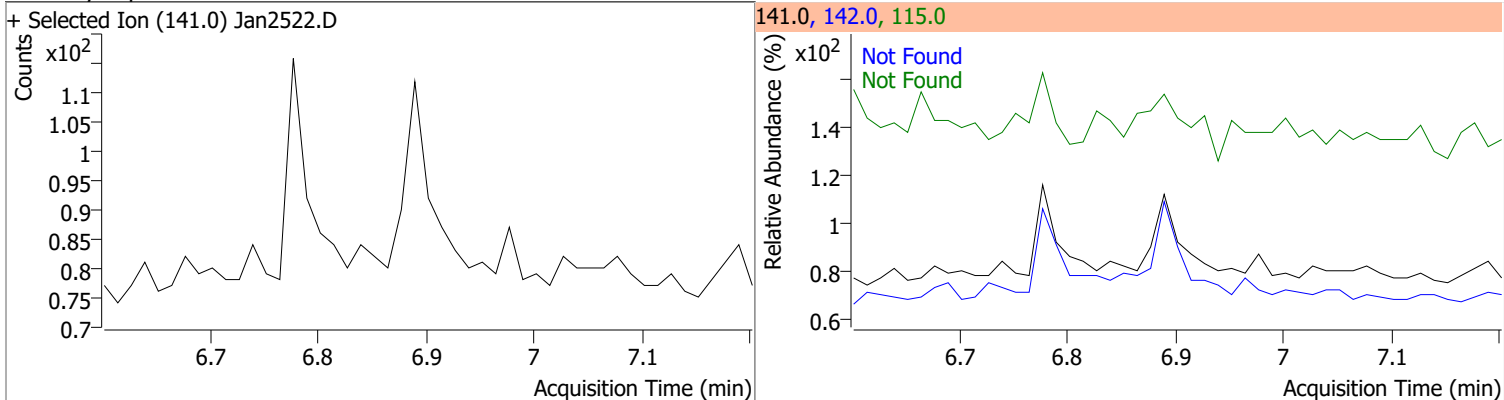
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



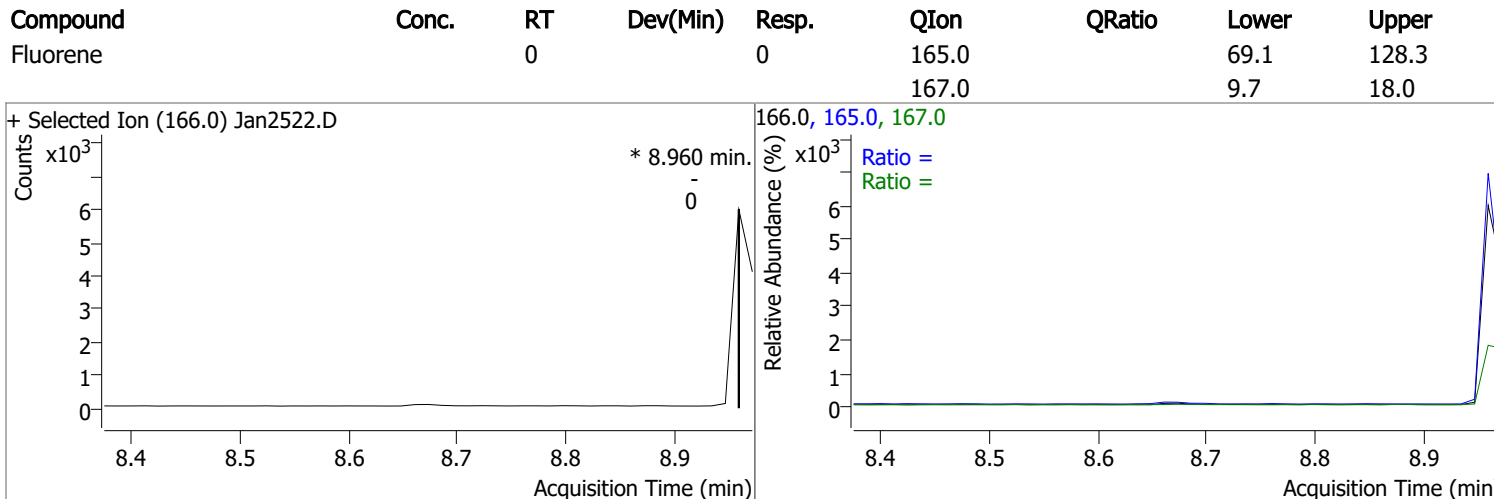
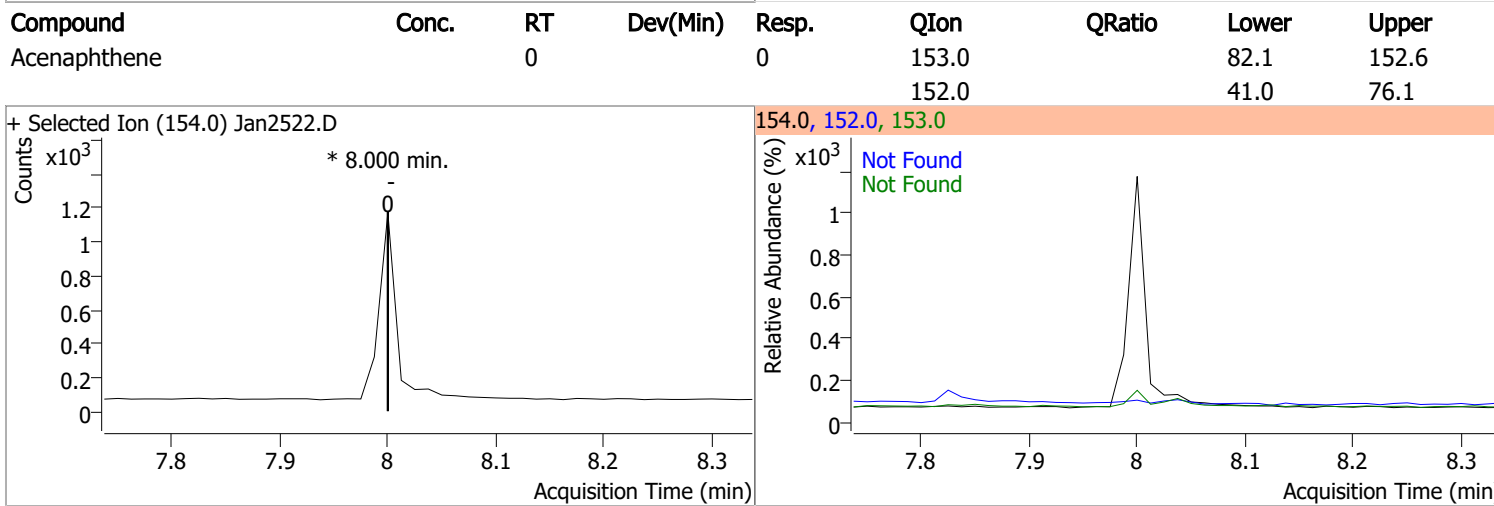
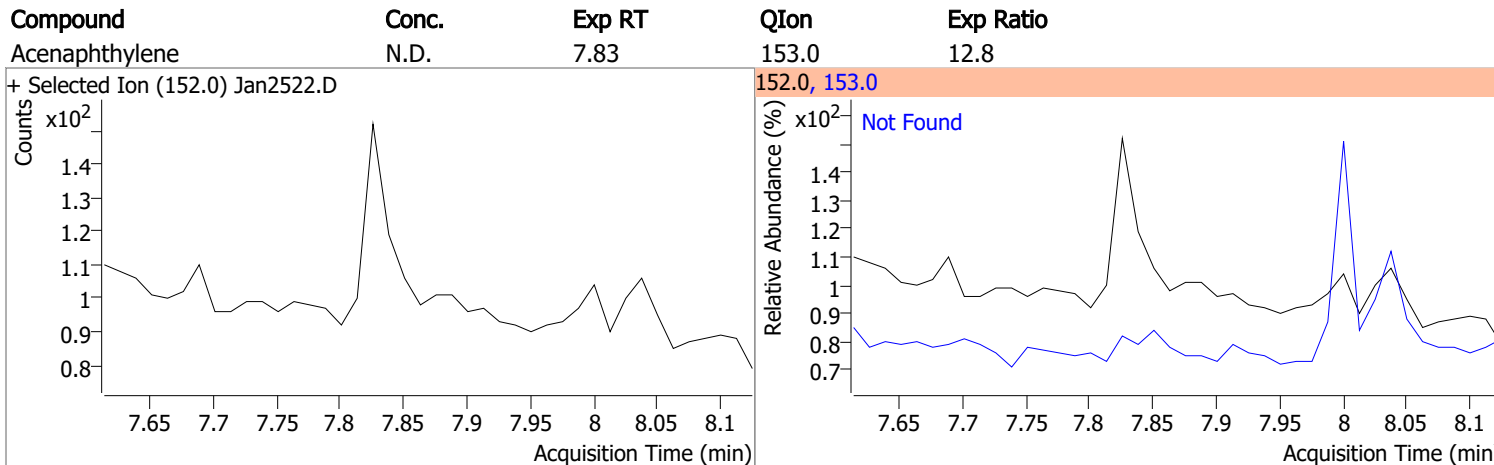
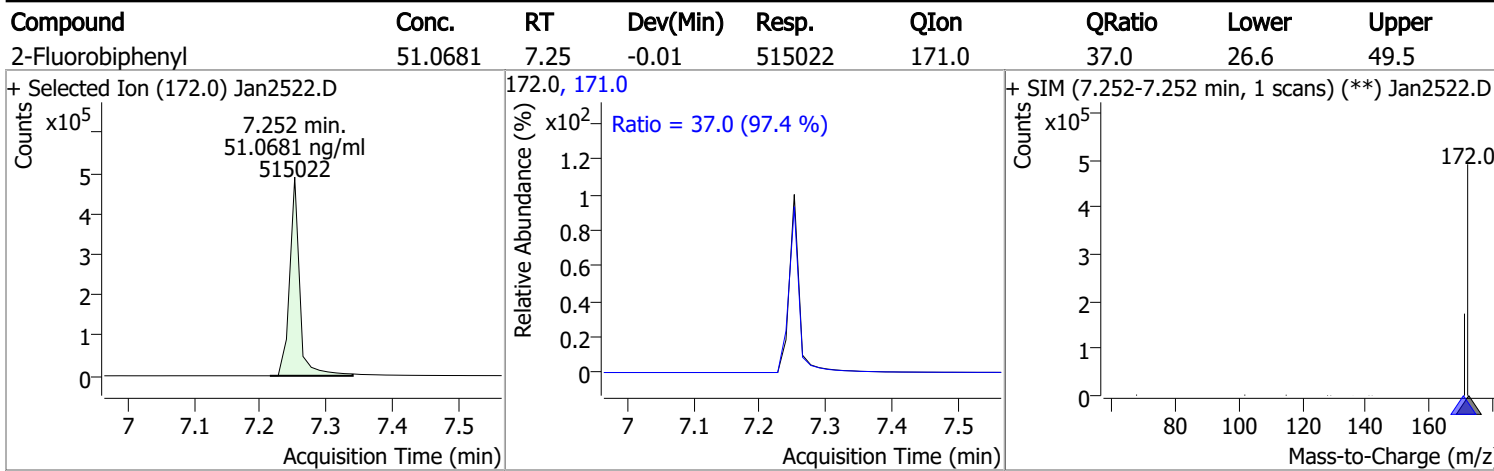
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



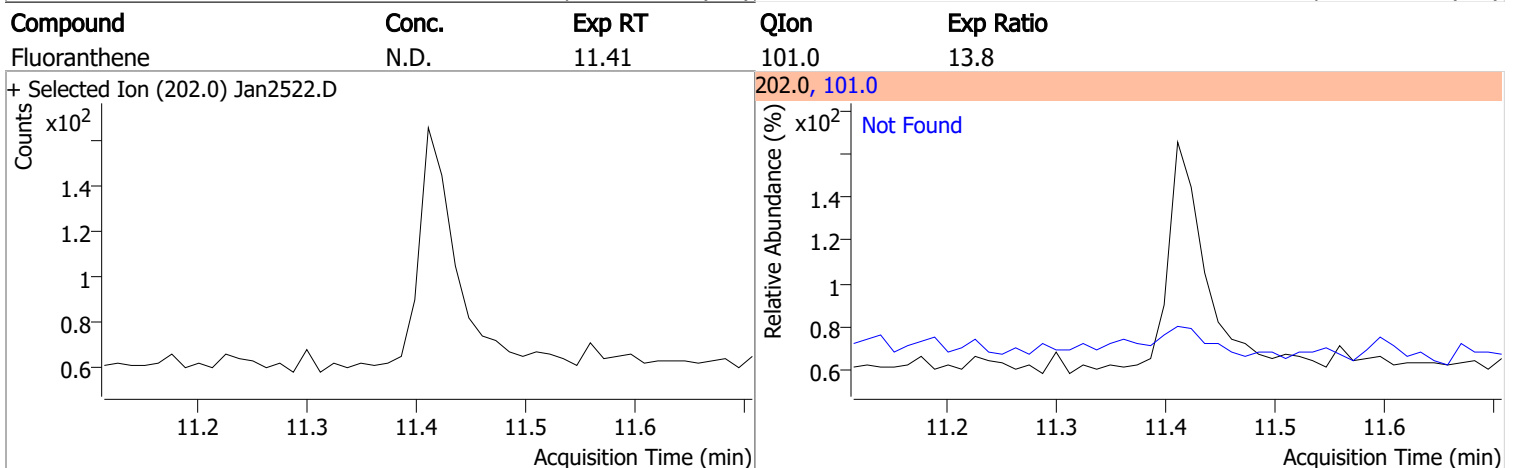
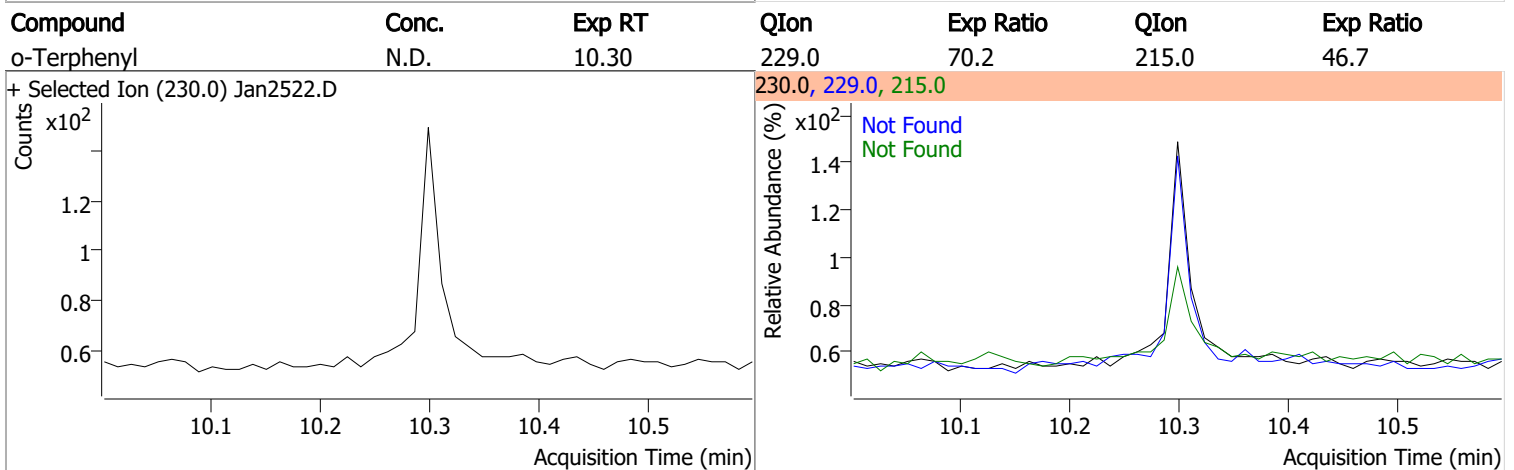
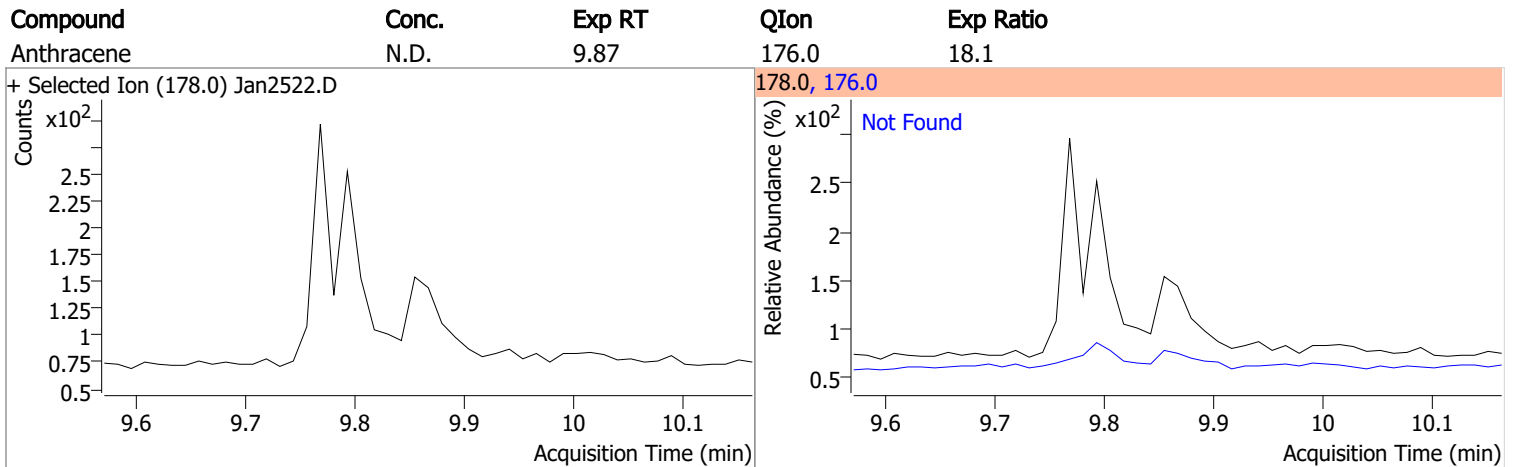
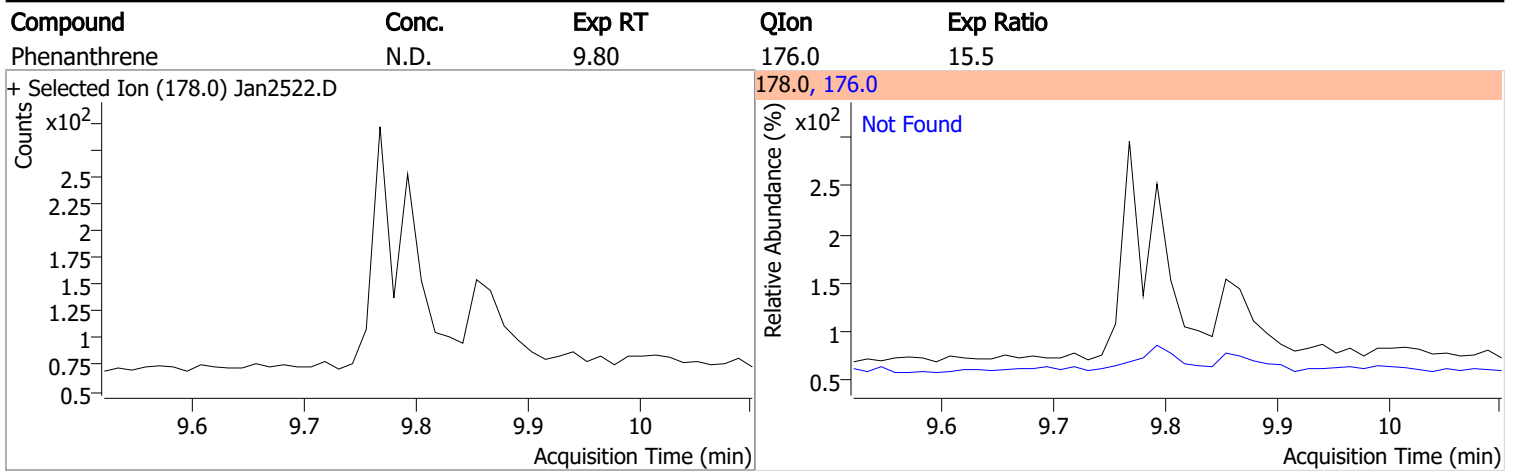
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8



# Quantitation Results Report (QT Reviewed)

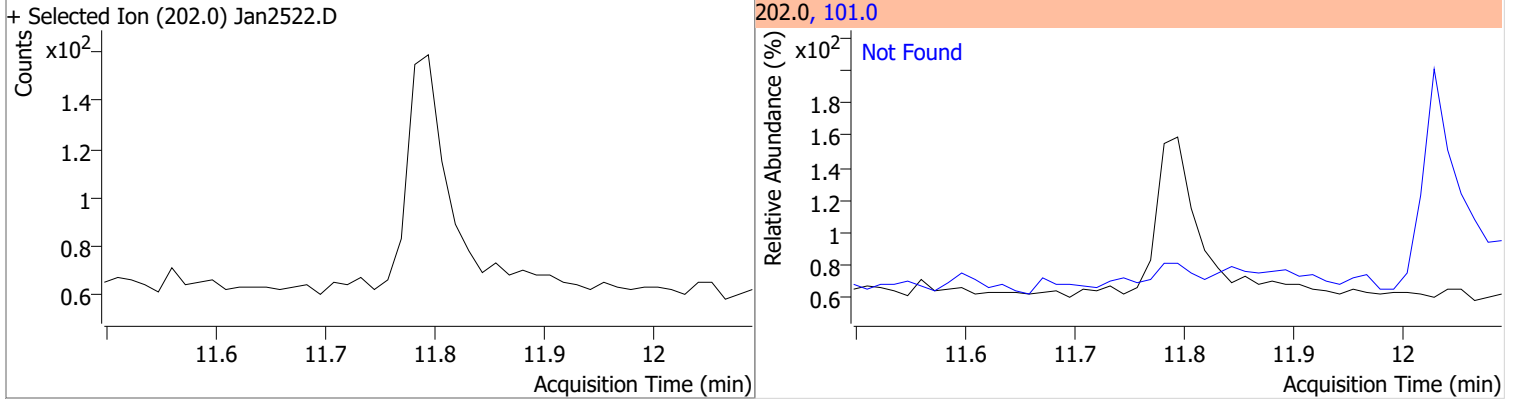


# Quantitation Results Report (QT Reviewed)

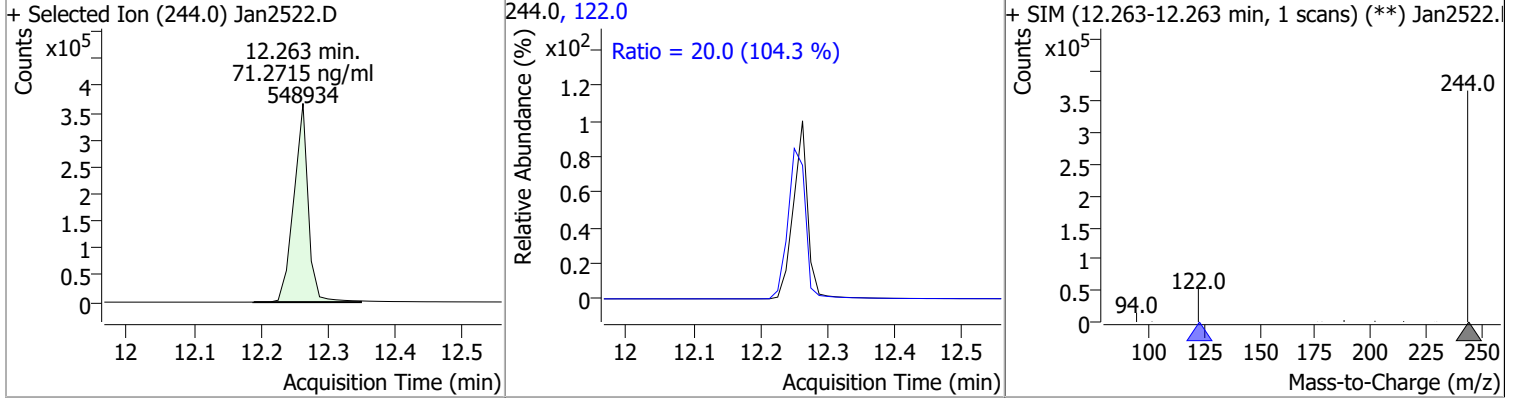


# Quantitation Results Report (QT Reviewed)

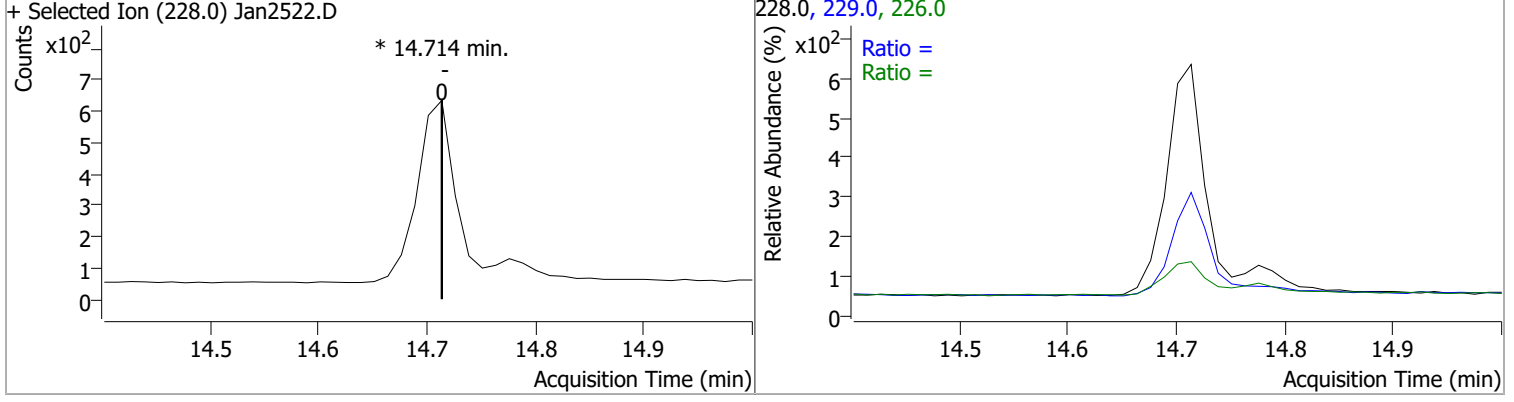
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.79	101.0	15.3



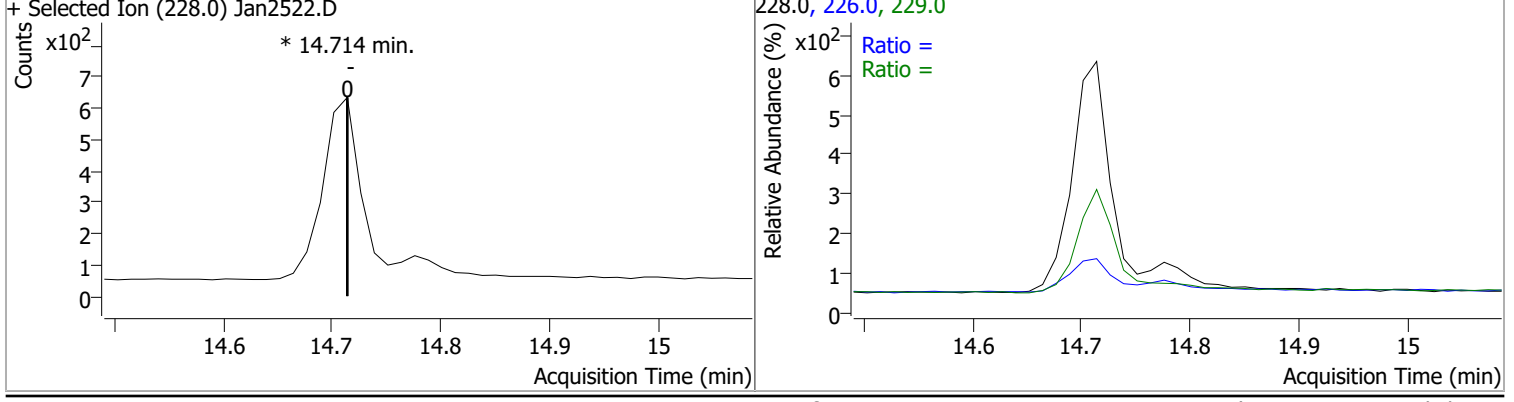
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	71.2715	12.26	0.00	548934	122.0	20.0	13.4	25.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	0	0	0	0	226.0 229.0		18.9 16.1	35.1 29.9

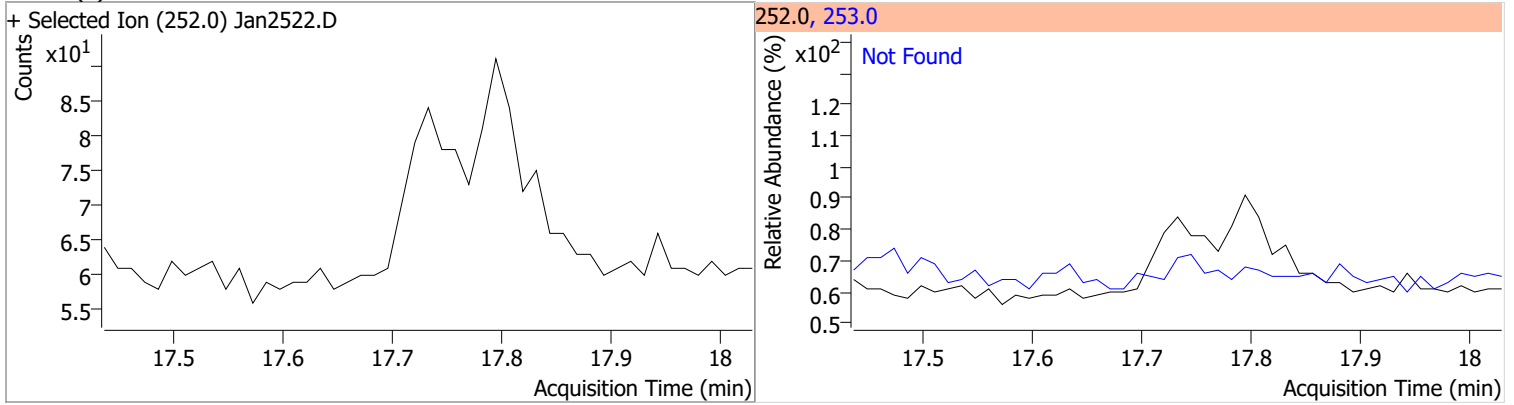


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0	0	0	0	226.0 229.0		21.2 15.0	39.4 27.8

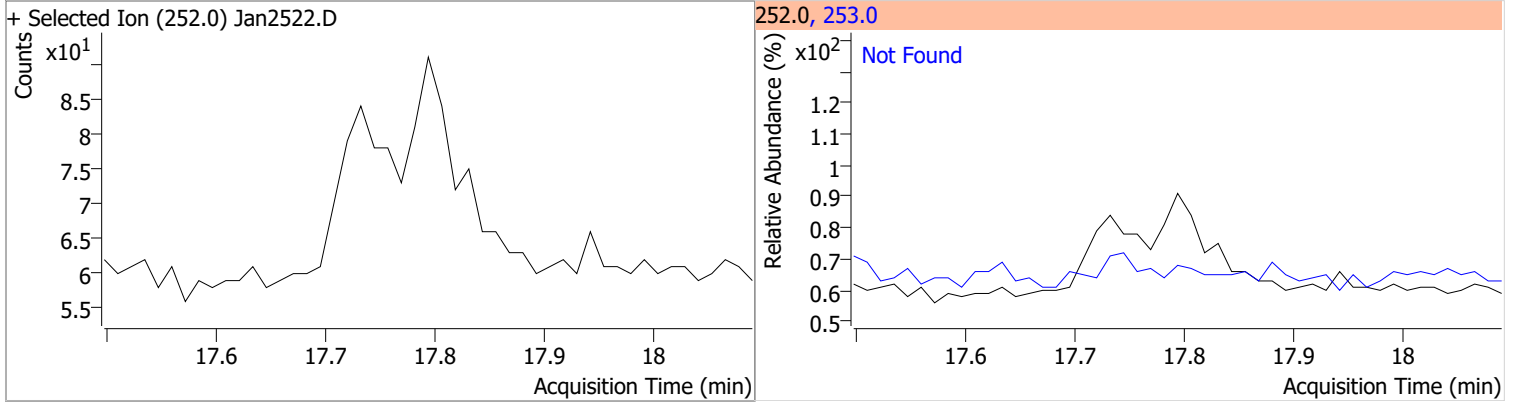


# Quantitation Results Report (QT Reviewed)

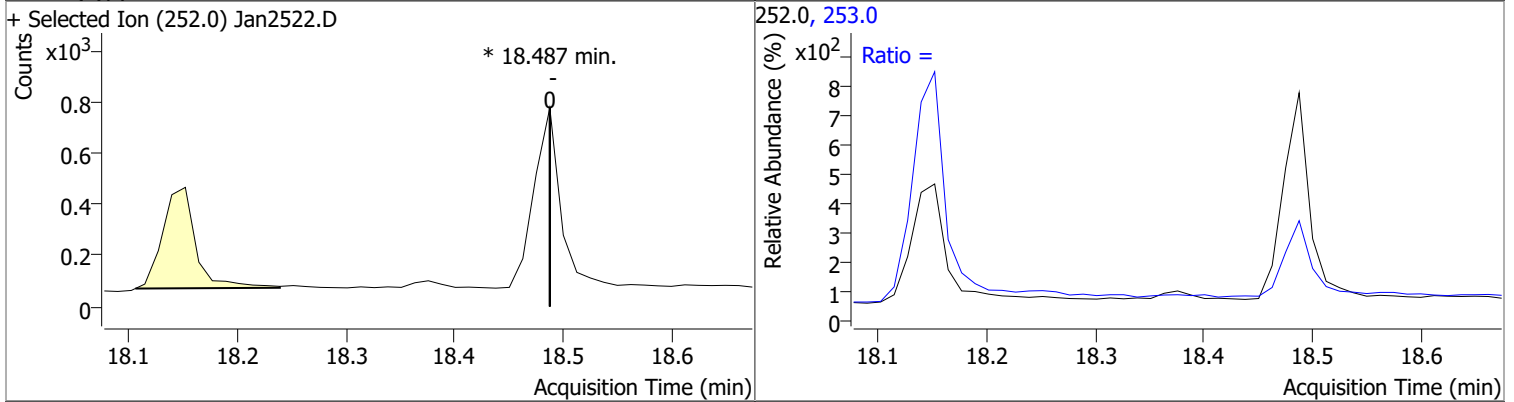
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



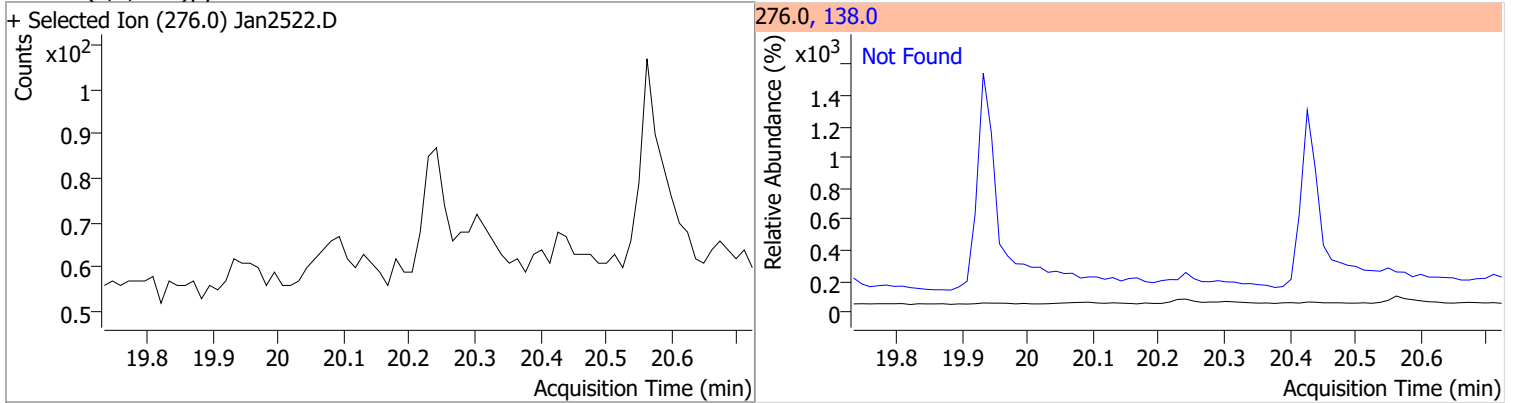
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



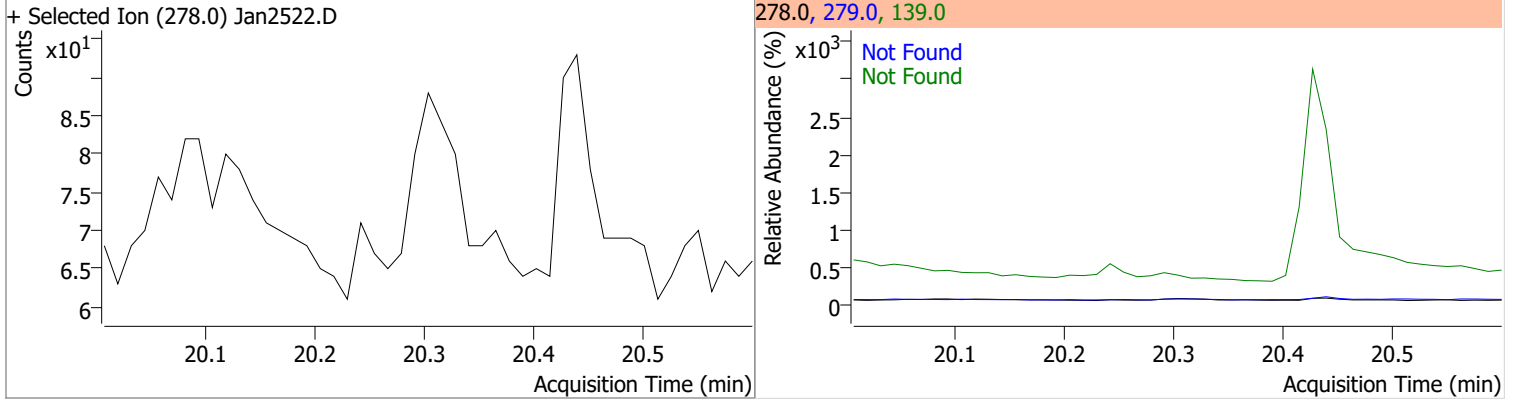
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



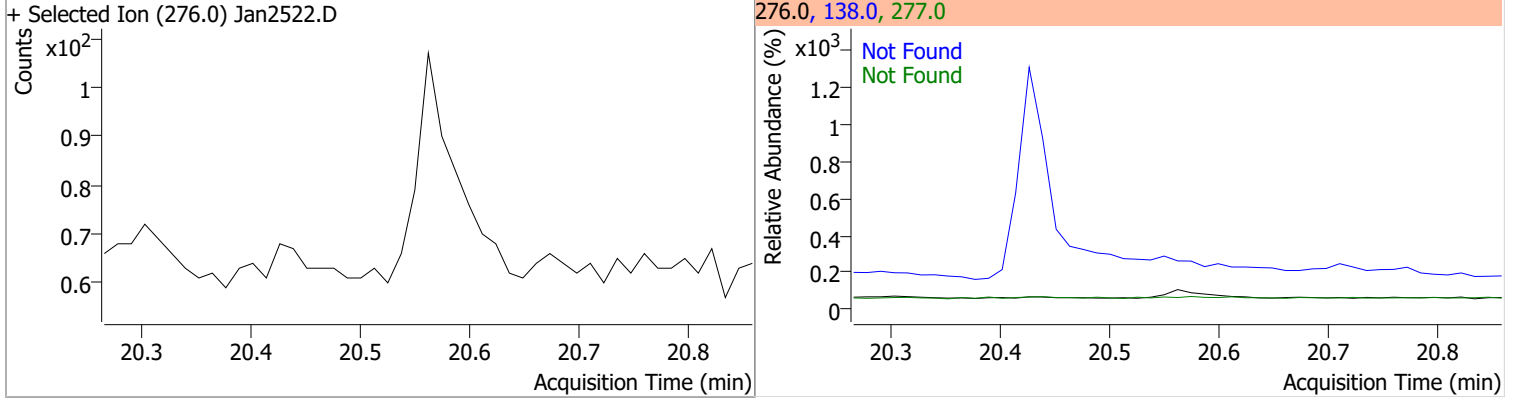


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3

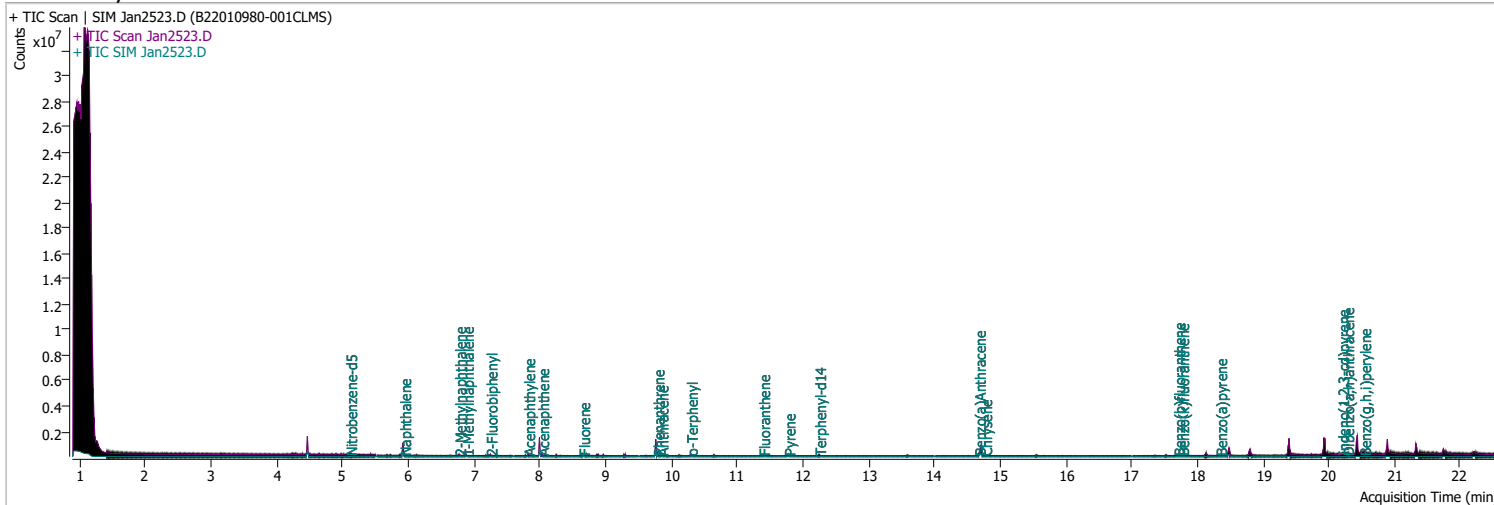


# Quantitation Results Report (QT Reviewed)

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 Sample Name B22010980-001CLMS  
 Vial 23  
 DA Method File 011922 bna SIM 1.batch.bin  
 Tune File dftppjph.u  
 Batch Name 012522 bna SIM 1.batch.bin

Operator LIMS import  
 Acq. Date-Time 1/25/2022 10:27:30 PM  
 Instrument GCMS  
 Multiplier 1.00  
 Comment SVOC-8270C-SIM-W-LLPAH  
 Tune Date  
 Last Calib Update 1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	196626	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	343627	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.000	164.0	203774	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	414878	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	285378	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	200026	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	13094	3.2638	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 65.28%		
S 2-Fluorobiphenyl	7.252	172.0	31188	3.1842	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 63.68%		
S o-Terphenyl	10.299	230.0	27998	4.1464	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 82.93%		
S Terphenyl-d14	12.251	244.0	26846	5.0590	ng/ml	-0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 101.18%		
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	32500	2.7338	ng/ml	95
T 2-Methylnaphthalene	6.777	141.0	19235	2.8988	ng/ml	89
T 1-Methylnaphthalene	6.890	141.0	17071	2.4393	ng/ml	98
T Acenaphthylene	7.826	152.0	37119	2.9723	ng/ml	97
T Acenaphthene	8.038	154.0	25249	3.1607	ng/ml	96
T Fluorene	8.661	166.0	34553	3.6556	ng/ml	99
T Phenanthrene	9.793	178.0	56986	4.4360	ng/ml	92
T Anthracene	9.854	178.0	51128	4.4655	ng/ml	100
T Fluoranthene	11.398	202.0	60512	4.3005	ng/ml	98
T Pyrene	11.781	202.0	63581	4.4226	ng/ml	99
T Benzo(a)Anthracene	14.676	228.0	44945	4.9255	ng/ml	99
T Chrysene	14.776	228.0	57277	4.3852	ng/ml	98
T Benzo(b)fluoranthene	17.708	252.0	39096	4.3383	ng/ml	100

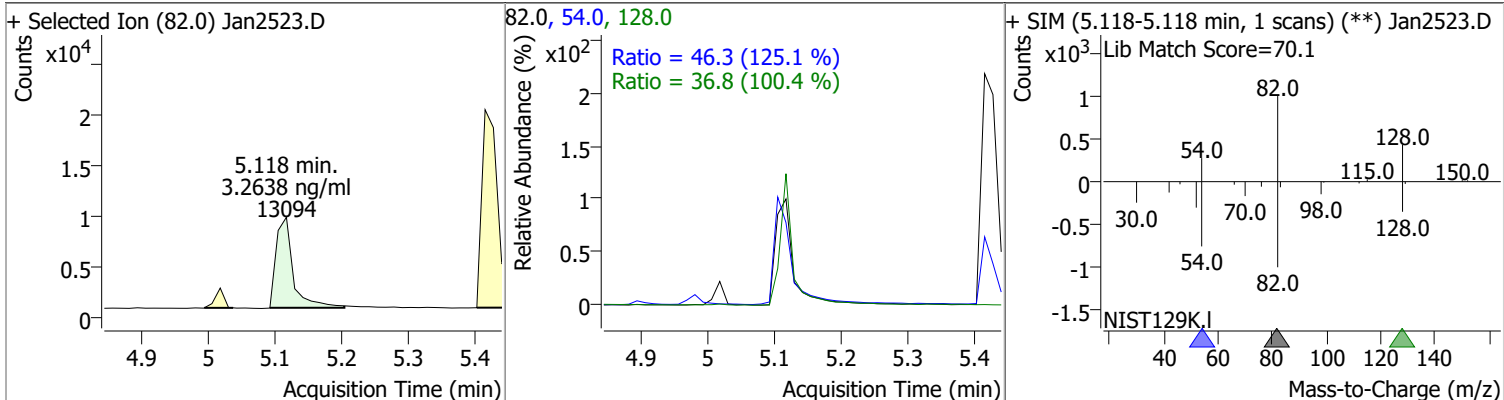
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	42611	4.0742	ng/ml	99
T Benzo(a)pyrene	18.351	252.0	31214	4.3134	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.204	276.0	32057	4.5842	ng/ml	95
T Dibenzo(a,h)anthracene	20.278	278.0	39683	4.9661	ng/ml	96
T Benzo(g,h,i)perylene	20.538	276.0	48887	4.8944	ng/ml	96

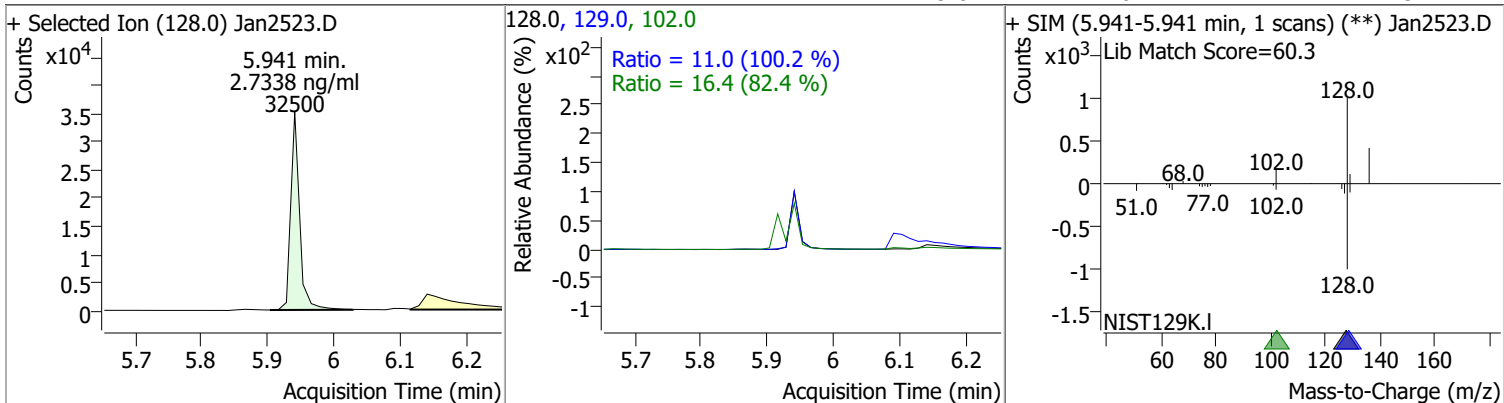
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

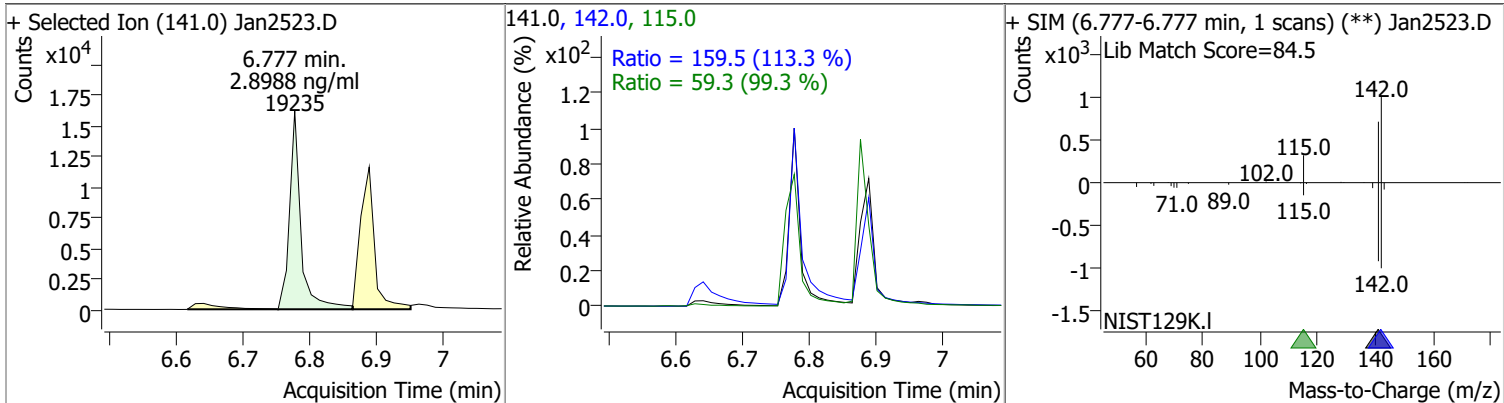
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	3.2638	5.12	-0.02	13094	54.0	46.3	25.9	48.1
					128.0	36.8	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.7338	5.94	-0.01	32500	102.0	16.4	0.0	59.6
					129.0	11.0	7.7	14.3

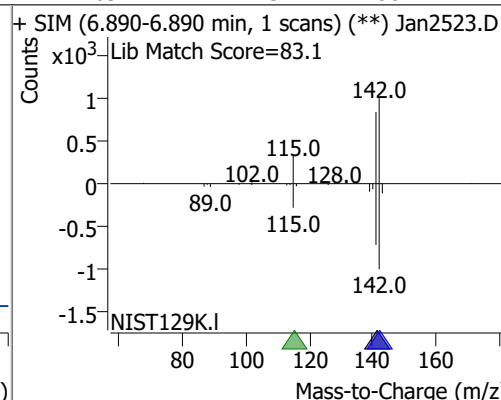
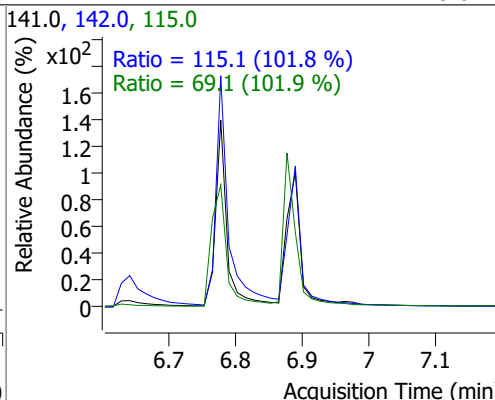
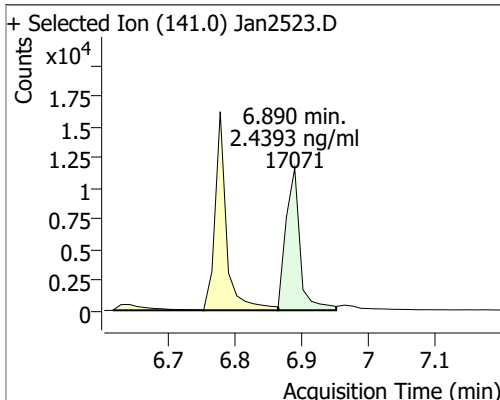


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	2.8988	6.78	-0.01	19235	142.0	159.5	98.5	183.0
					115.0	59.3	41.8	77.6

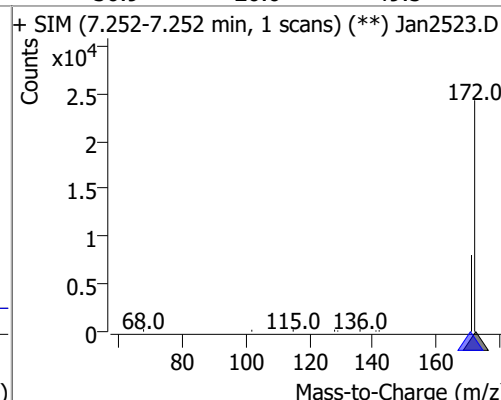
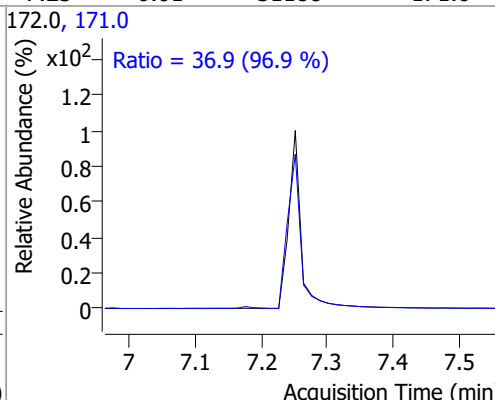
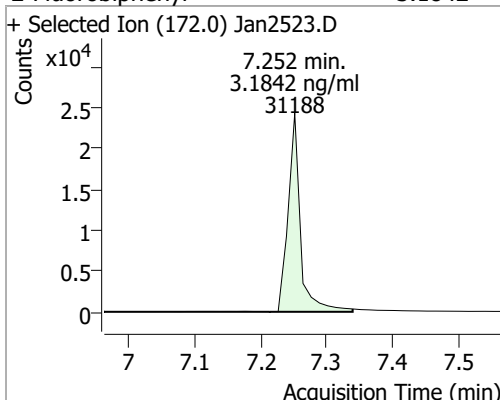


# Quantitation Results Report (QT Reviewed)

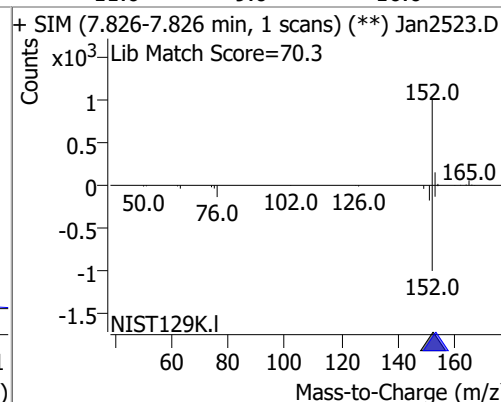
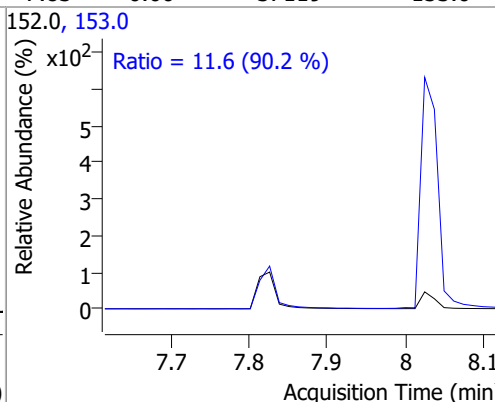
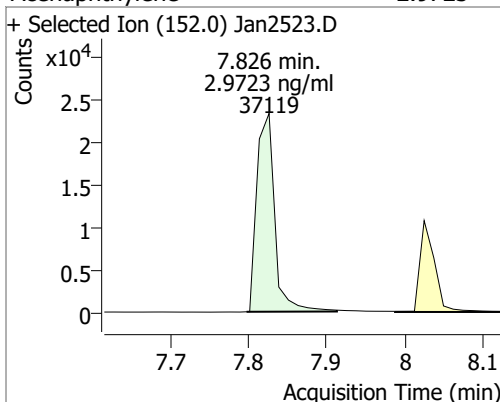
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.4393	6.89	-0.01	17071	142.0	115.1	79.2	147.1
					115.0	69.1	47.5	88.2



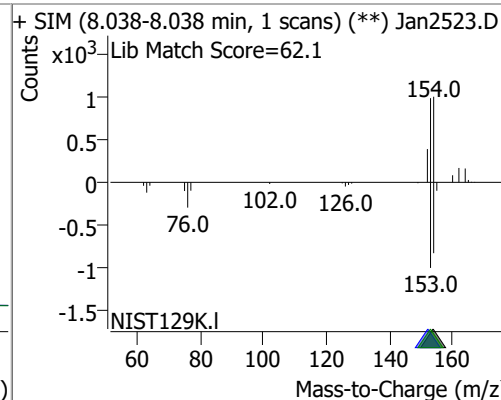
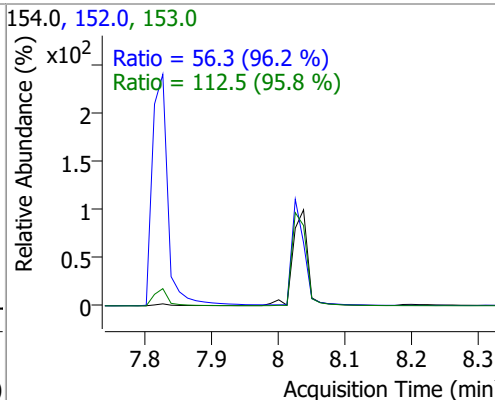
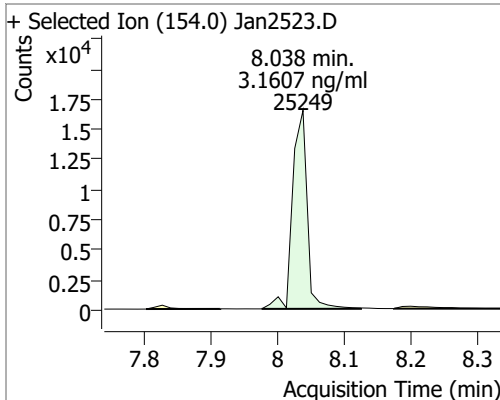
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	3.1842	7.25	-0.01	31188	171.0	36.9	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	2.9723	7.83	0.00	37119	153.0	11.6	9.0	16.6

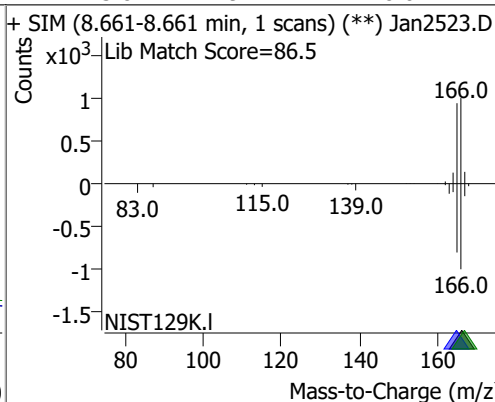
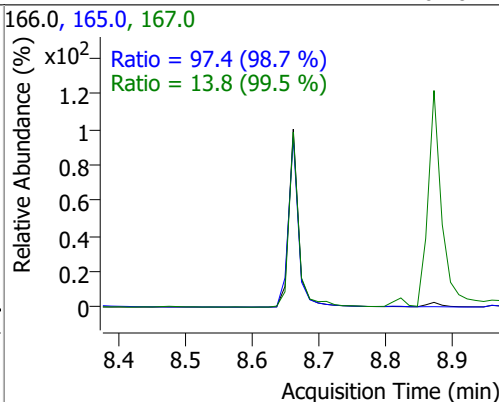
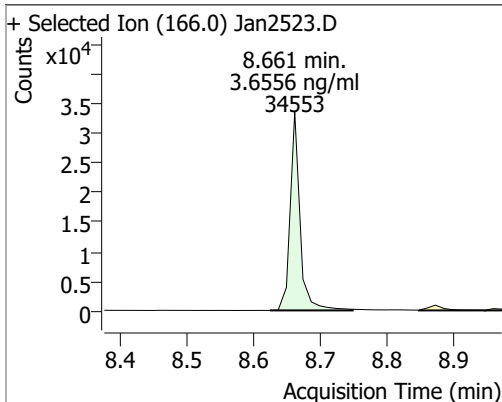


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	3.1607	8.04	0.00	25249	153.0	112.5	82.1	152.6
					152.0	56.3	41.0	76.1

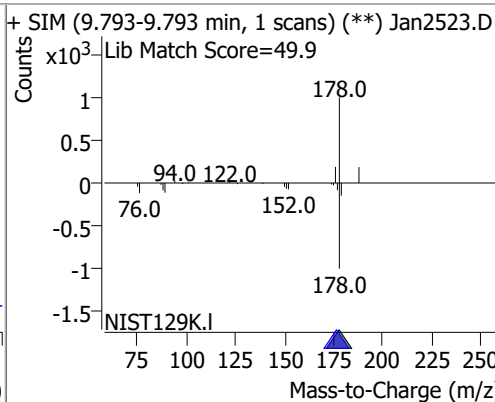
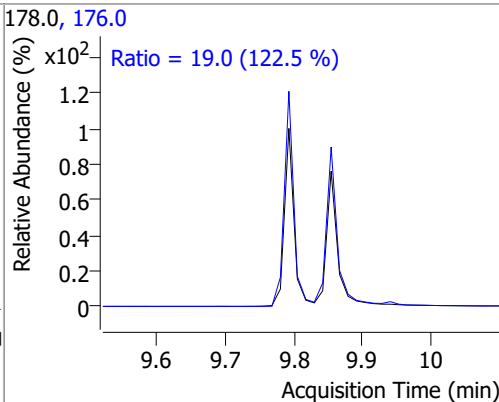
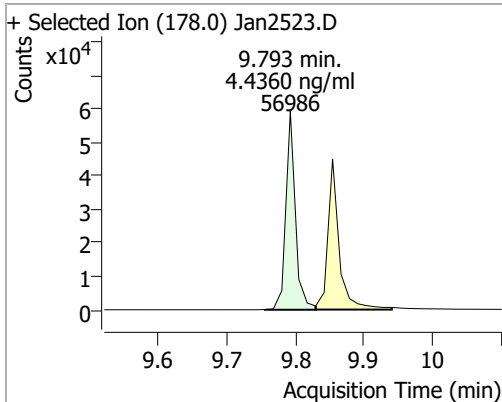


# Quantitation Results Report (QT Reviewed)

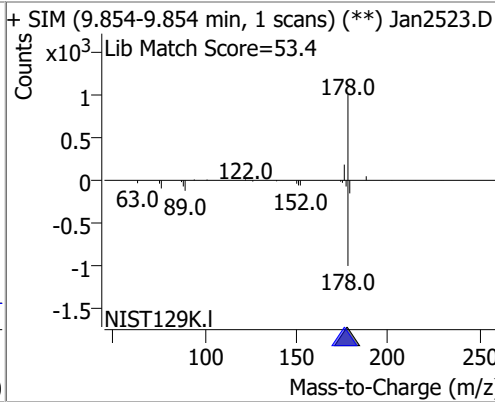
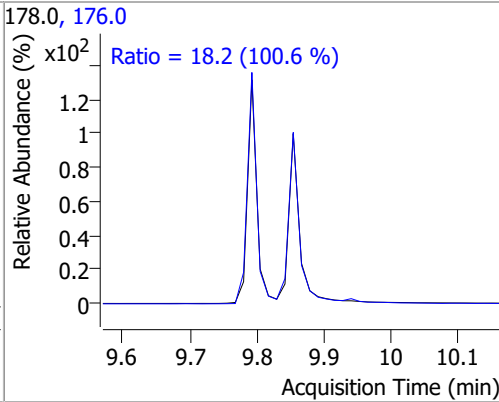
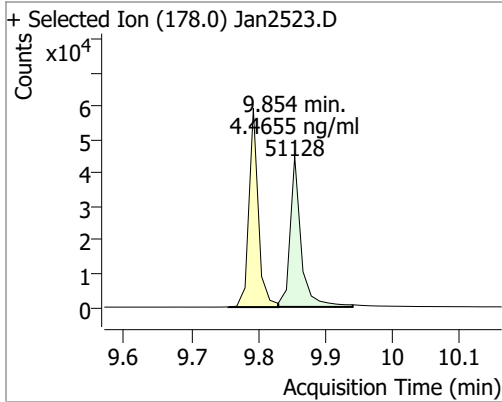
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.6556	8.66	-0.01	34553	165.0	97.4	69.1	128.3
					167.0	13.8	9.7	18.0



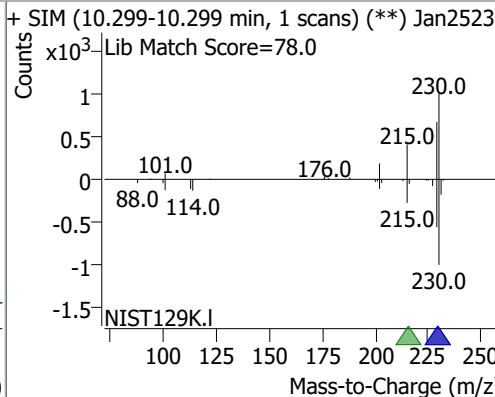
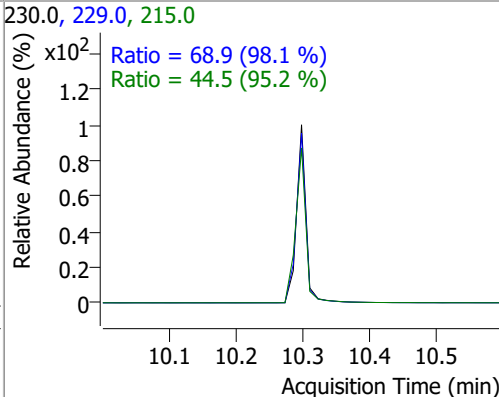
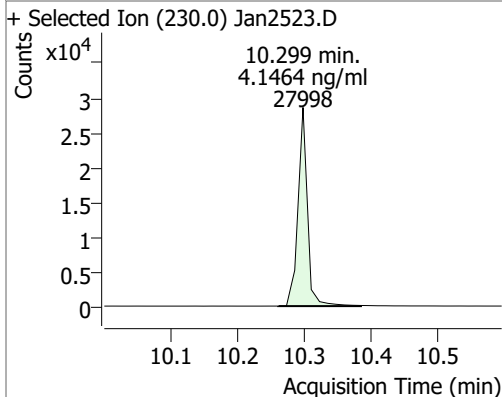
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.4360	9.79	-0.01	56986	176.0	19.0	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.4655	9.85	-0.01	51128	176.0	18.2	12.7	23.5

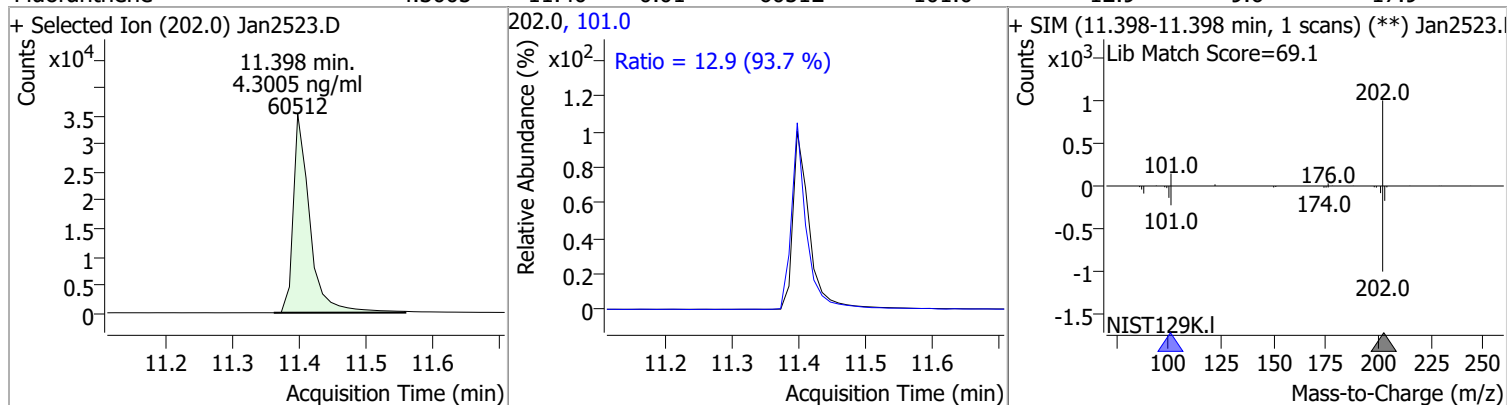


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.1464	10.30	0.00	27998	229.0	68.9	49.2	91.3
					215.0	44.5	32.7	60.7

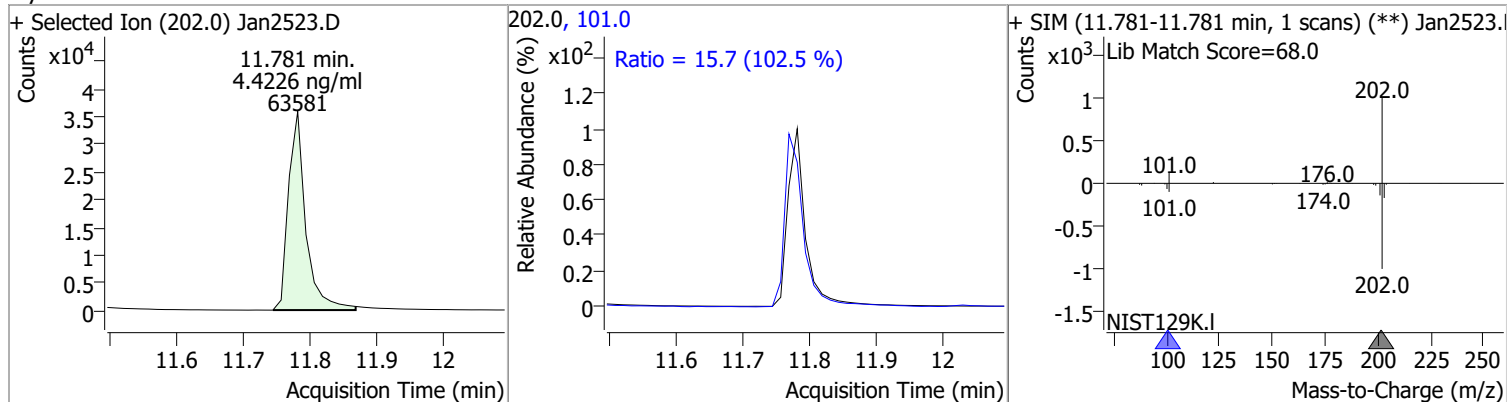


# Quantitation Results Report (QT Reviewed)

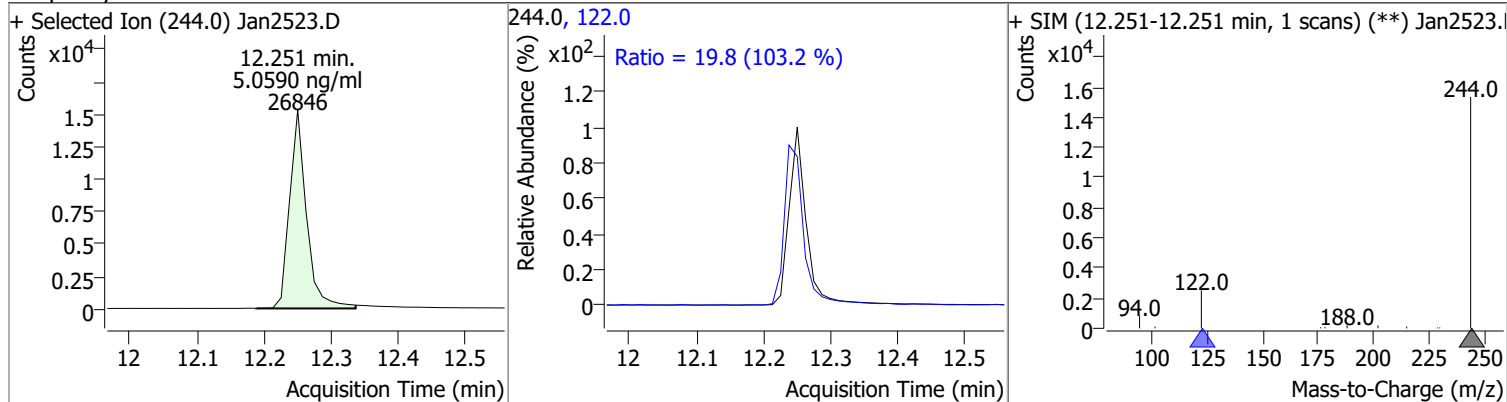
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.3005	11.40	-0.01	60512	101.0	12.9	9.6	17.9



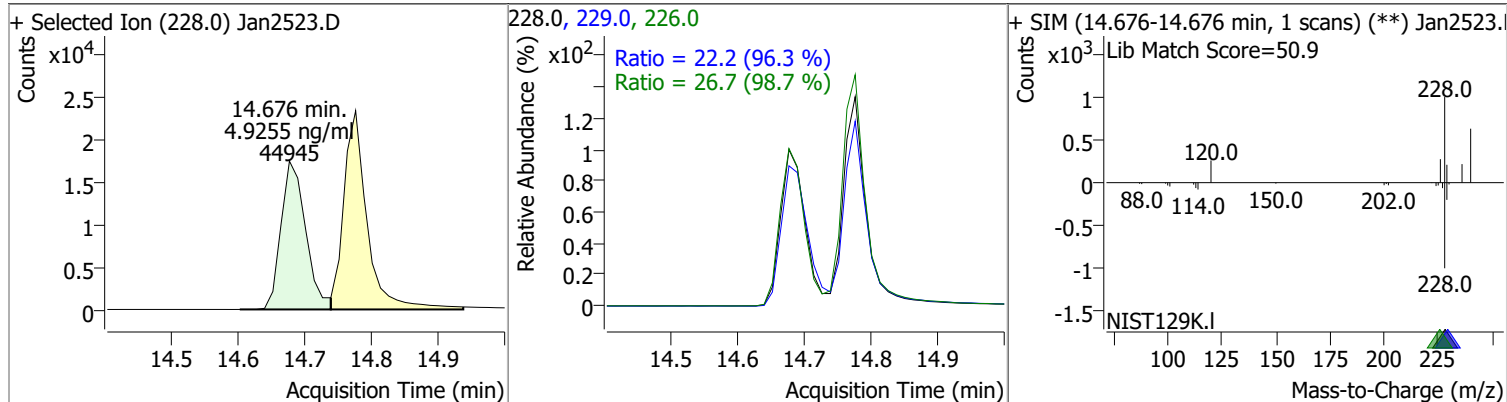
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.4226	11.78	-0.01	63581	101.0	15.7	10.7	20.0



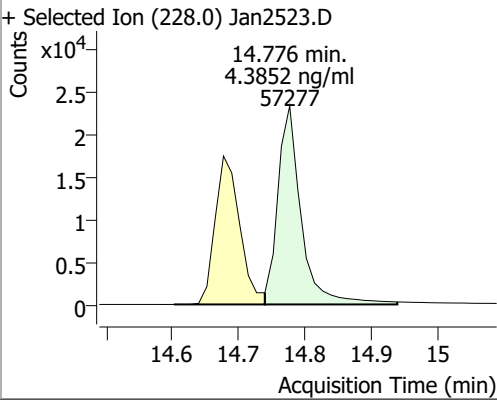
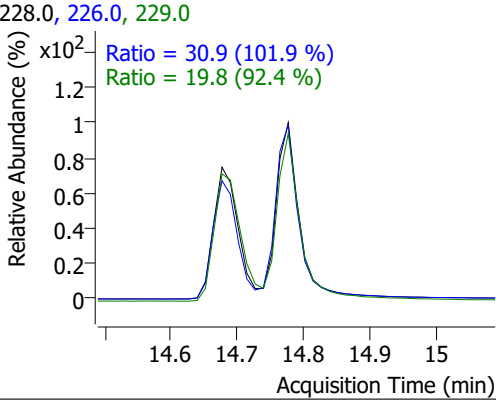
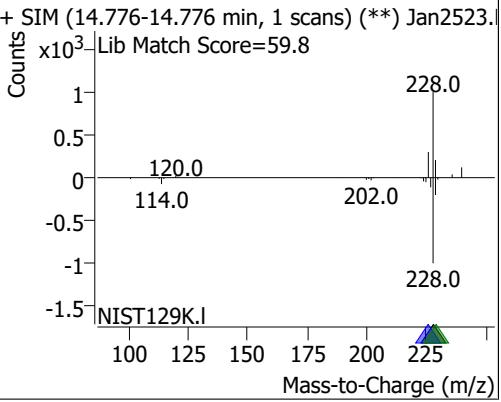
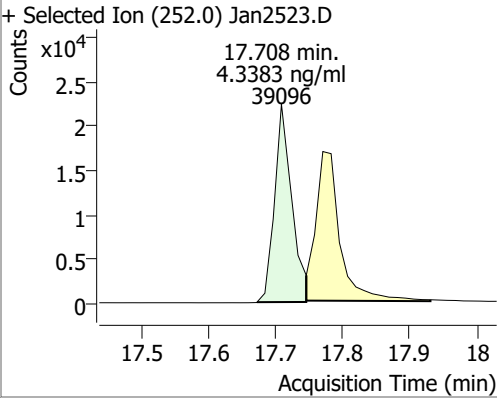
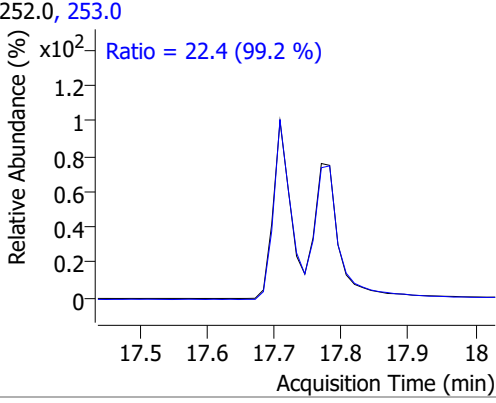
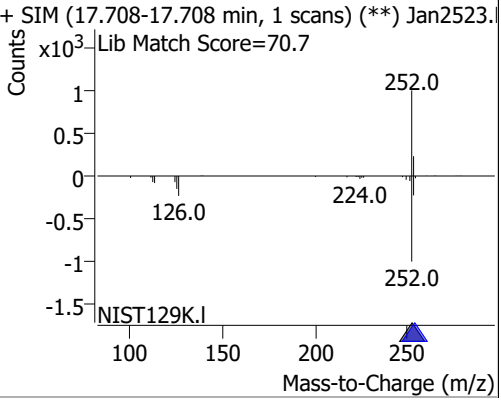
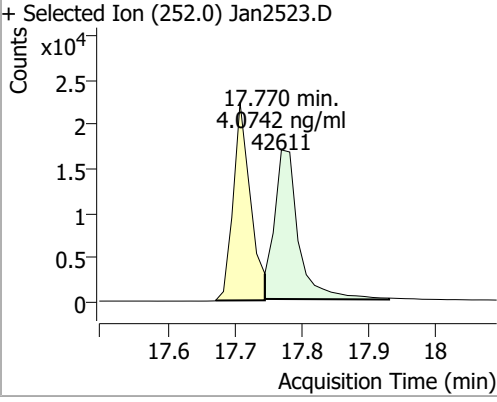
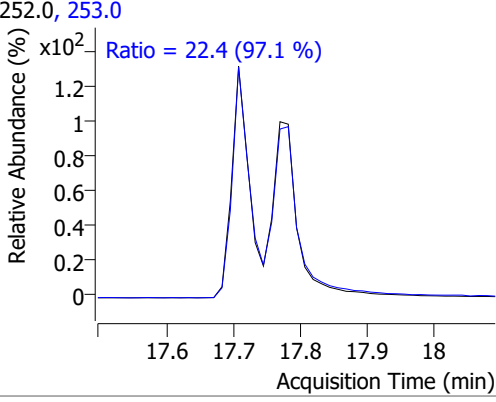
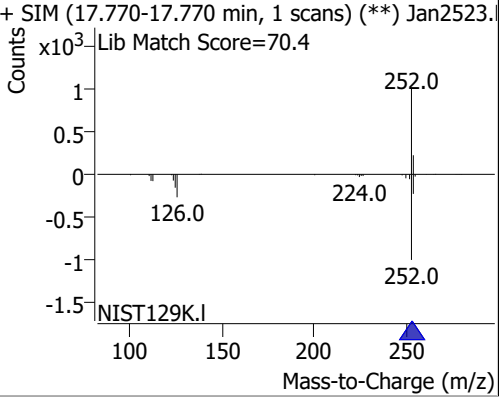
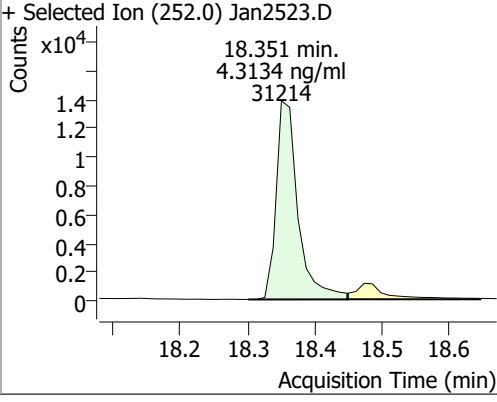
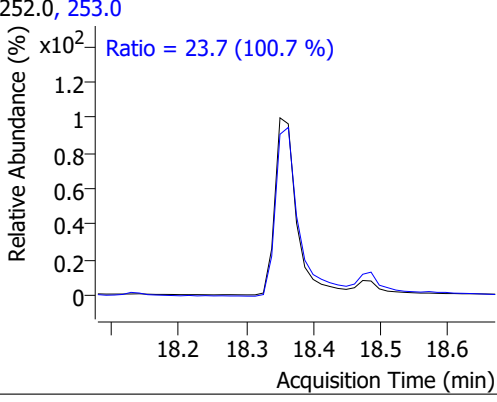
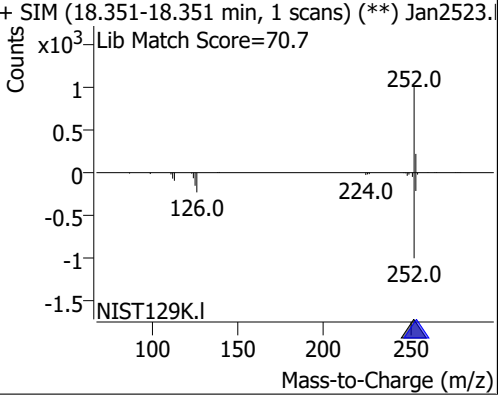
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	5.0590	12.25	-0.01	26846	122.0	19.8	13.4	25.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	4.9255	14.68	-0.02	44945	226.0 229.0	26.7 22.2	18.9 16.1	35.1 29.9



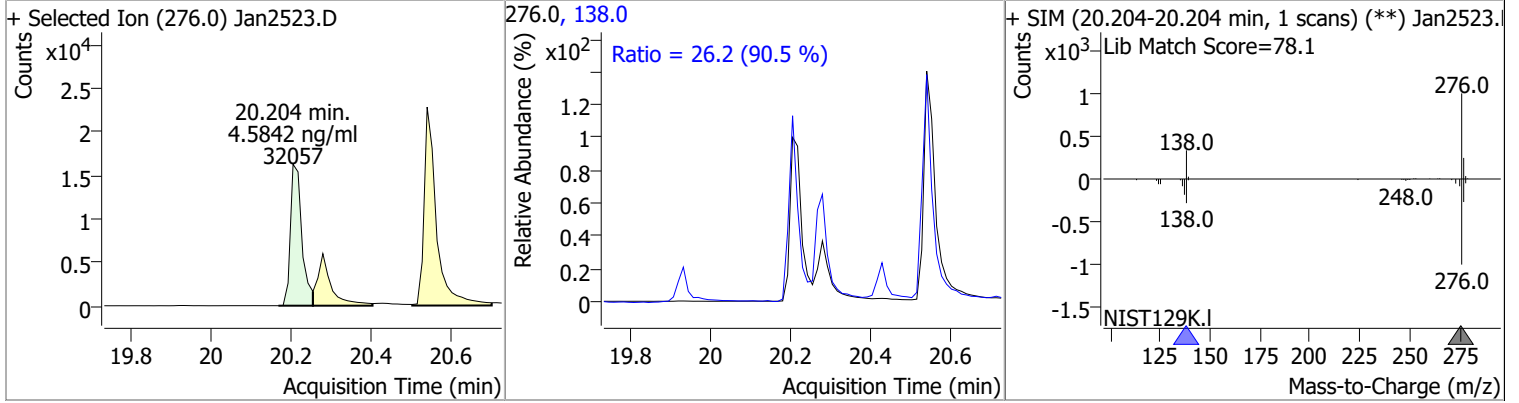
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	4.3852	14.78	-0.01	57277	226.0 229.0	30.9 19.8	21.2 15.0	39.4 27.8
+ Selected Ion (228.0) Jan2523.D 			228.0, 226.0, 229.0 			+ SIM (14.776-14.776 min, 1 scans) (**) Jan2523.D Lib Match Score=59.8 		
Benzo(b)fluoranthene	4.3383	17.71	-0.02	39096	253.0	22.4	15.8	29.4
+ Selected Ion (252.0) Jan2523.D 			252.0, 253.0 			+ SIM (17.708-17.708 min, 1 scans) (**) Jan2523.D Lib Match Score=70.7 		
Benzo(k)fluoranthene	4.0742	17.77	-0.02	42611	253.0	22.4	16.1	29.9
+ Selected Ion (252.0) Jan2523.D 			252.0, 253.0 			+ SIM (17.770-17.770 min, 1 scans) (**) Jan2523.D Lib Match Score=70.4 		
Benzo(a)pyrene	4.3134	18.35	-0.02	31214	253.0	23.7	16.5	30.6
+ Selected Ion (252.0) Jan2523.D 			252.0, 253.0 			+ SIM (18.351-18.351 min, 1 scans) (**) Jan2523.D Lib Match Score=70.7 		

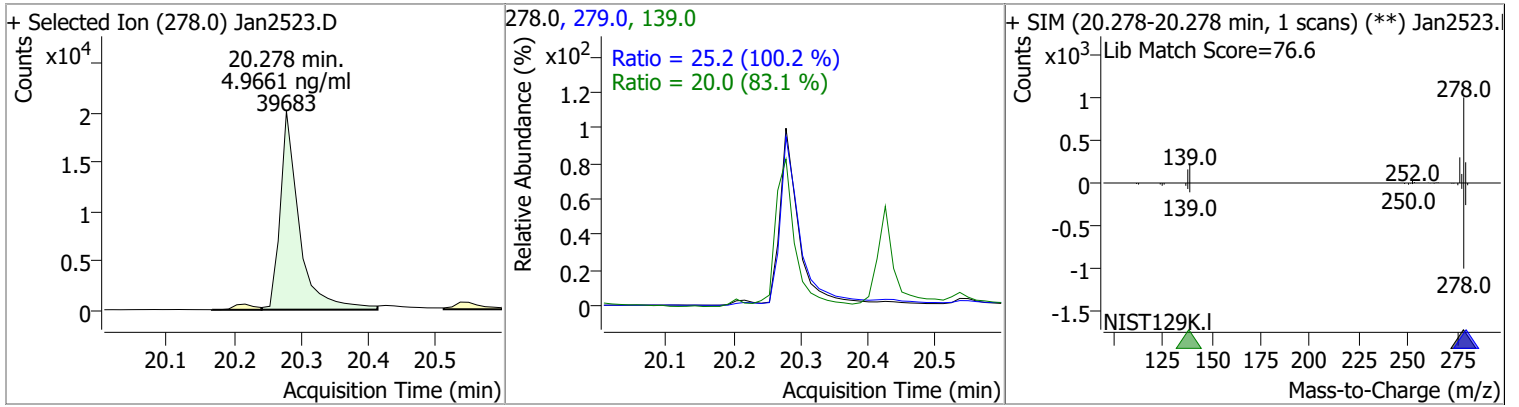


# Quantitation Results Report (QT Reviewed)

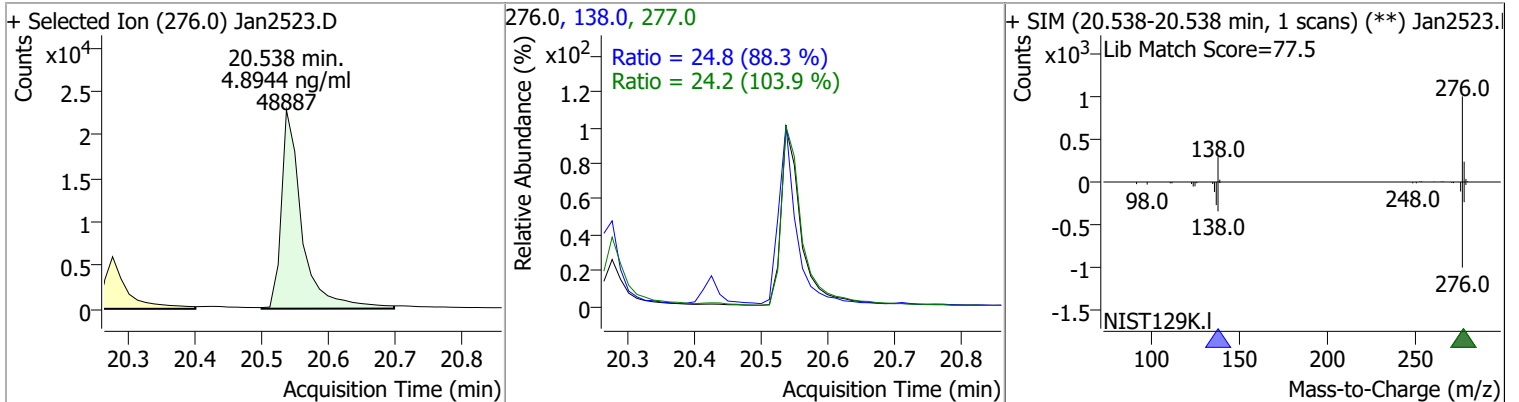
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	4.5842	20.20	-0.02	32057	138.0	26.2	20.3	37.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	4.9661	20.28	-0.02	39683	279.0	25.2	17.6	32.7
					139.0	20.0	16.9	31.3



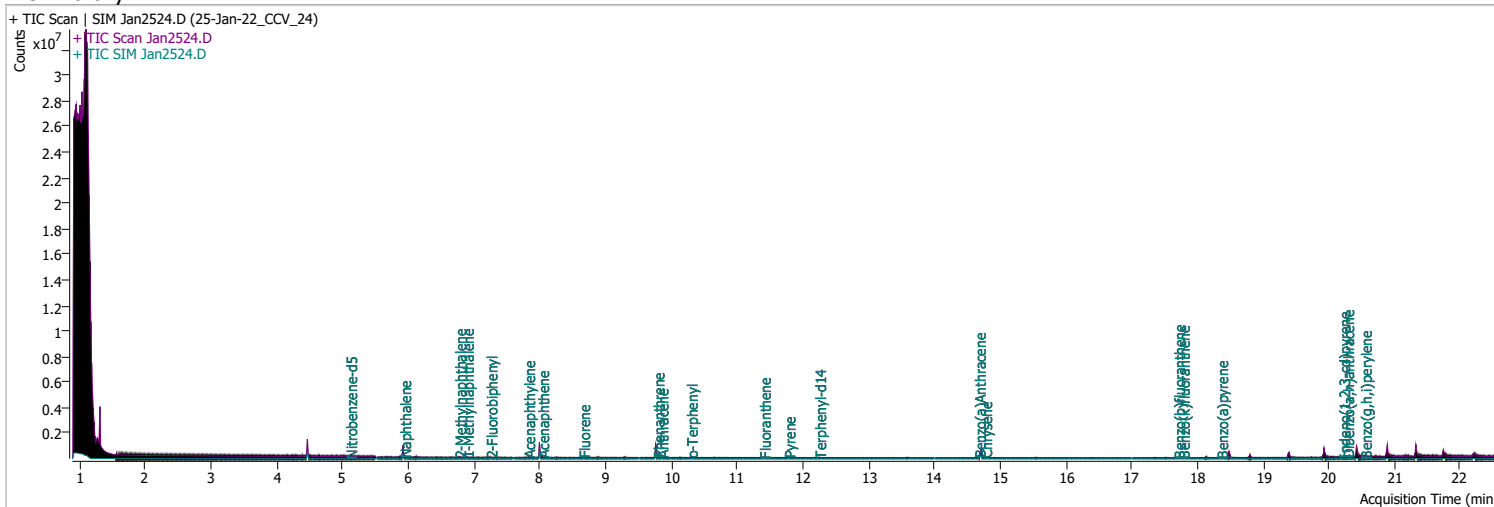
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	4.8944	20.54	-0.02	48887	138.0	24.8	19.6	36.5
					277.0	24.2	16.3	30.2



# Quantitation Results Report (QT Reviewed)

Data File	Jan2524.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 11:00:04 PM
Sample Name	25-Jan-22_CCV_24	Instrument	GCMS
Vial	24	Multiplier	1.00
DA Method File	011922 bna SIM 1.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012522 bna SIM 1.batch.bin	Last Calib Update	1/17/2022 8:49:06 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.472	152.0	185437	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	318834	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.000	164.0	191463	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	381538	40.0000	ng/ml	-0.012
M Chrysene-d12	14.714	240.0	271509	40.0000	ng/ml	-0.012
M Perylene-d12	18.487	264.0	180424	40.0000	ng/ml	-0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	6681	1.8944	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 37.89%		
S 2-Fluorobiphenyl	7.252	172.0	15964	1.7346	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 34.69%		
S o-Terphenyl	10.299	230.0	11274	1.8155	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 36.31%		*
S Terphenyl-d14	12.251	244.0	10812	2.1634	ng/ml	-0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 43.27%		
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	21426	1.9424	ng/ml	95
T 2-Methylnaphthalene	6.777	141.0	11919	1.9359	ng/ml	98
T 1-Methylnaphthalene	6.890	141.0	11187	1.7228	ng/ml	96
T Acenaphthylene	7.826	152.0	15863	1.3519	ng/ml	93
T Acenaphthene	8.038	154.0	12734	1.6966	ng/ml	91
T Fluorene	8.661	166.0	16078	1.8104	ng/ml	98
T Phenanthrene	9.793	178.0	23544	1.9993	ng/ml	95
T Anthracene	9.854	178.0	20157	1.9607	ng/ml	100
T Fluoranthene	11.411	202.0	22962	1.7745	ng/ml	99
T Pyrene	11.781	202.0	25750	1.8826	ng/ml	99
T Benzo(a)Anthracene	14.677	228.0	17058	1.9718	ng/ml	99
T Chrysene	14.776	228.0	22272	1.7923	ng/ml	96
T Benzo(b)fluoranthene	17.708	252.0	14931	1.8368	ng/ml	99

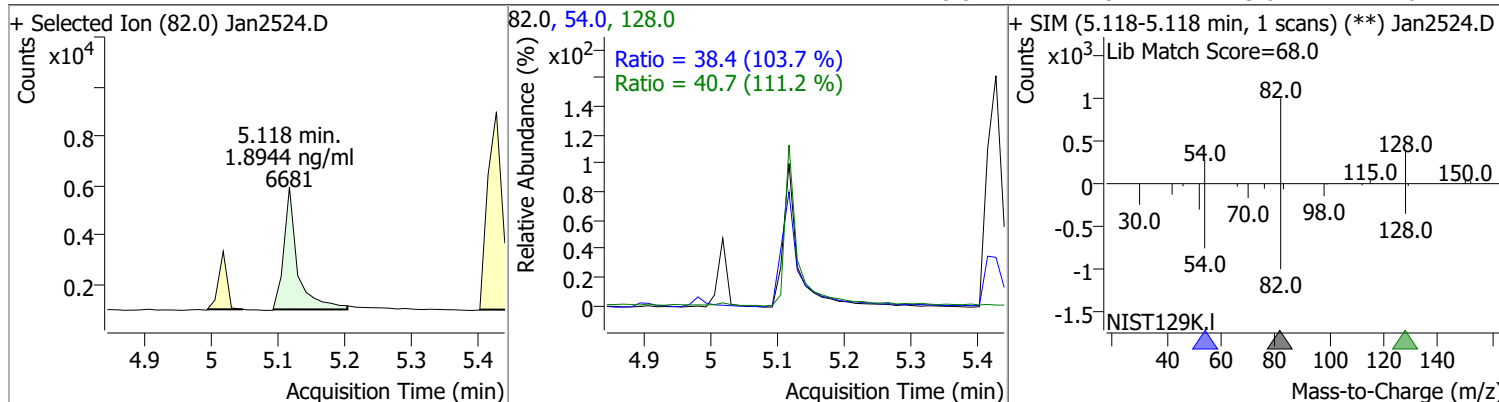
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.783	252.0	17553	1.8927	ng/ml	97
T Benzo(a)pyrene	18.363	252.0	12435	2.0105	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.217	276.0	12487	2.1095	ng/ml	98
T Dibenzo(a,h)anthracene	20.278	278.0	14333	1.9885	ng/ml	99
T Benzo(g,h,i)perylene	20.550	276.0	18754	2.1780	ng/ml	98

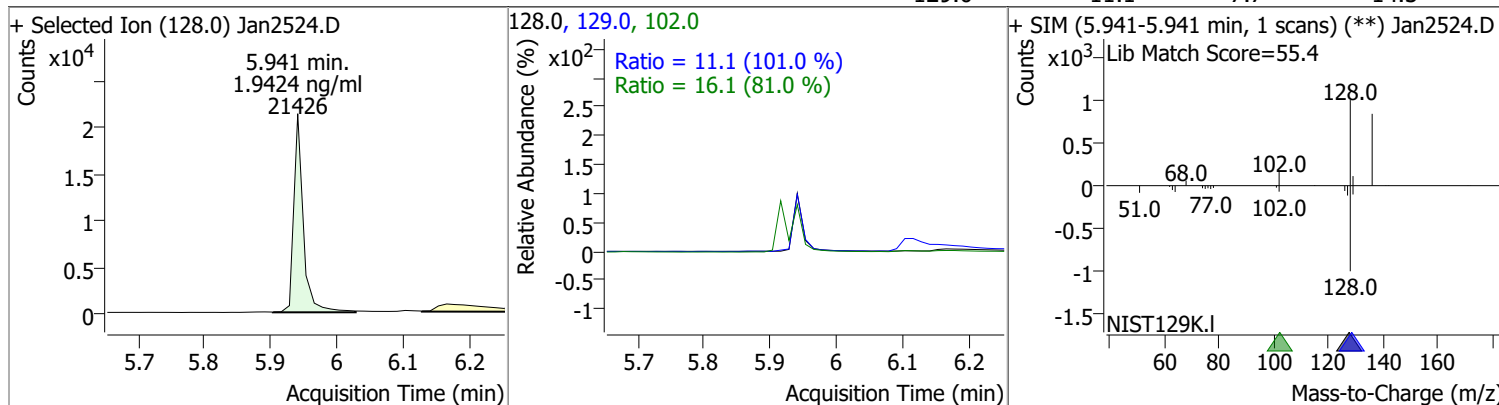
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

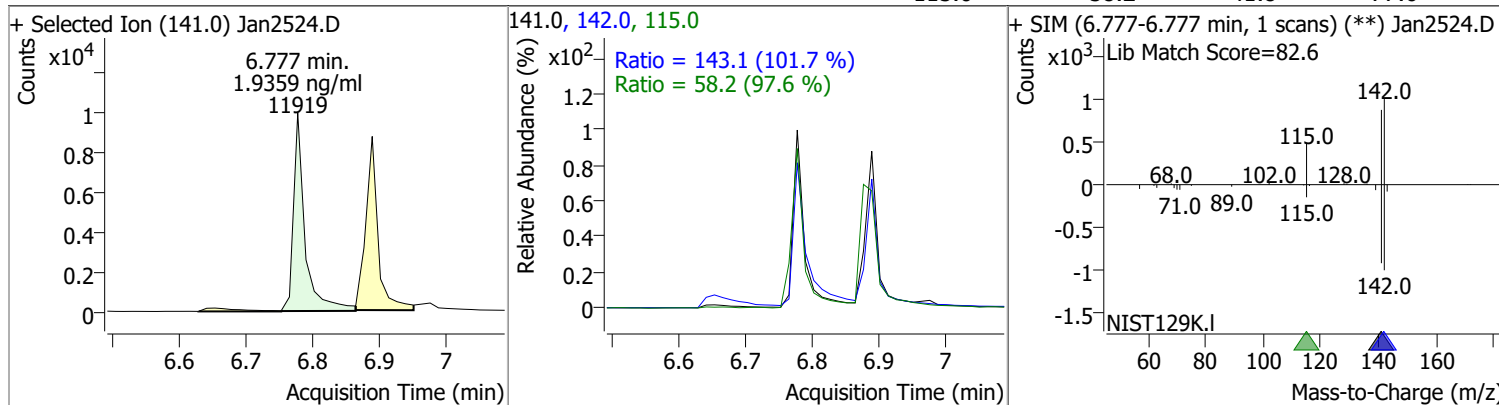
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	1.8944	5.12	-0.02	6681	54.0	38.4	25.9	48.1
					128.0	40.7	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	1.9424	5.94	-0.01	21426	102.0	16.1	0.0	59.6
					129.0	11.1	7.7	14.3

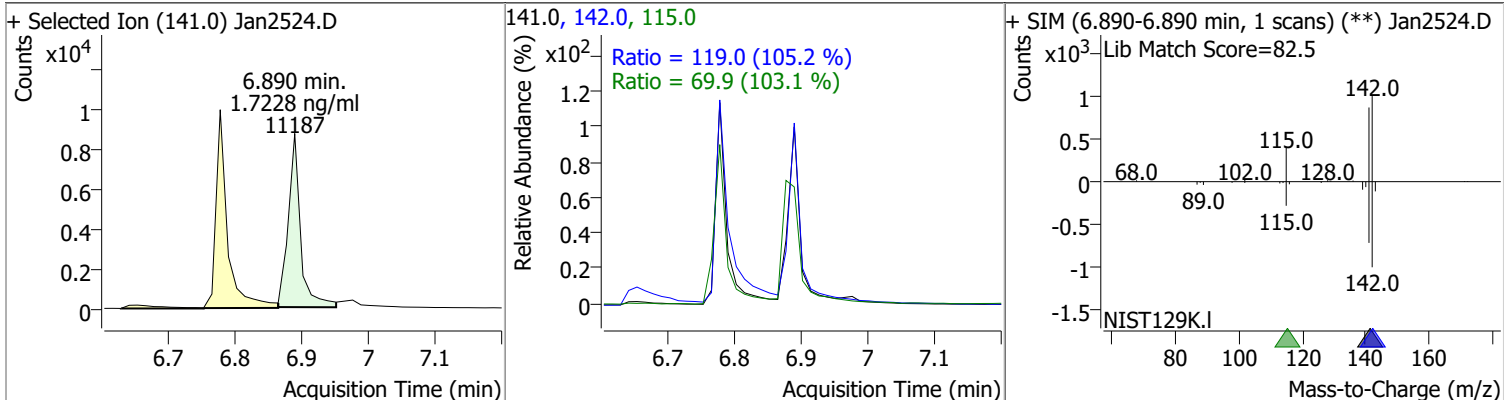


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	1.9359	6.78	-0.01	11919	142.0	143.1	98.5	183.0
					115.0	58.2	41.8	77.6

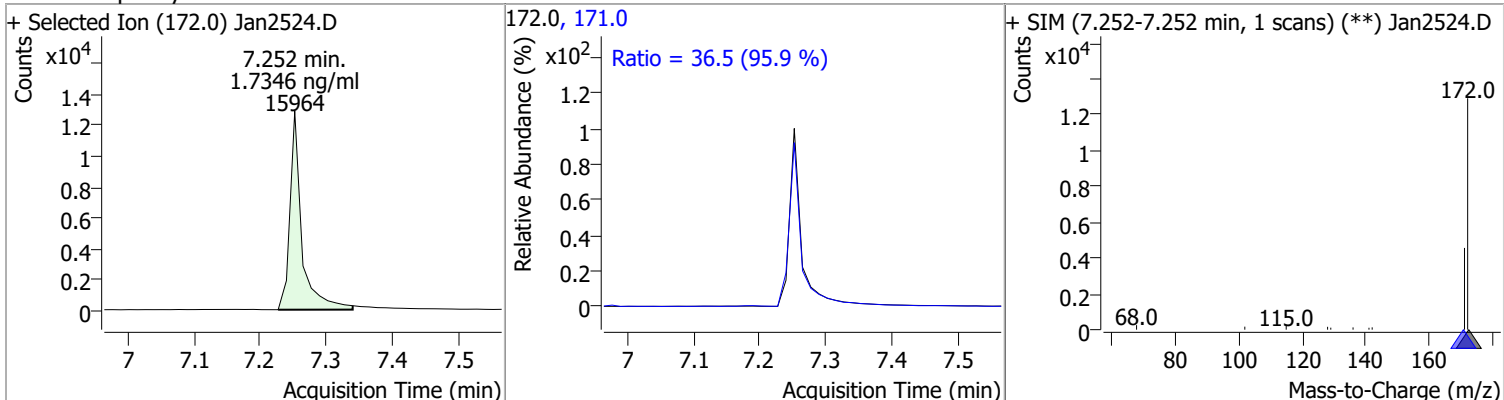


# Quantitation Results Report (QT Reviewed)

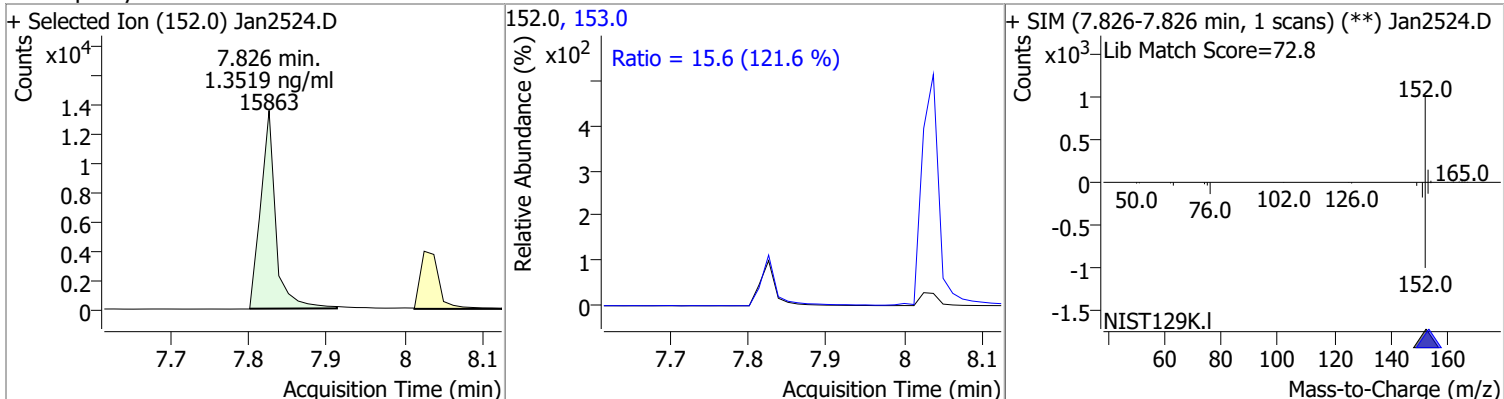
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	1.7228	6.89	-0.01	11187	142.0 115.0	119.0 69.9	79.2 47.5	147.1 88.2



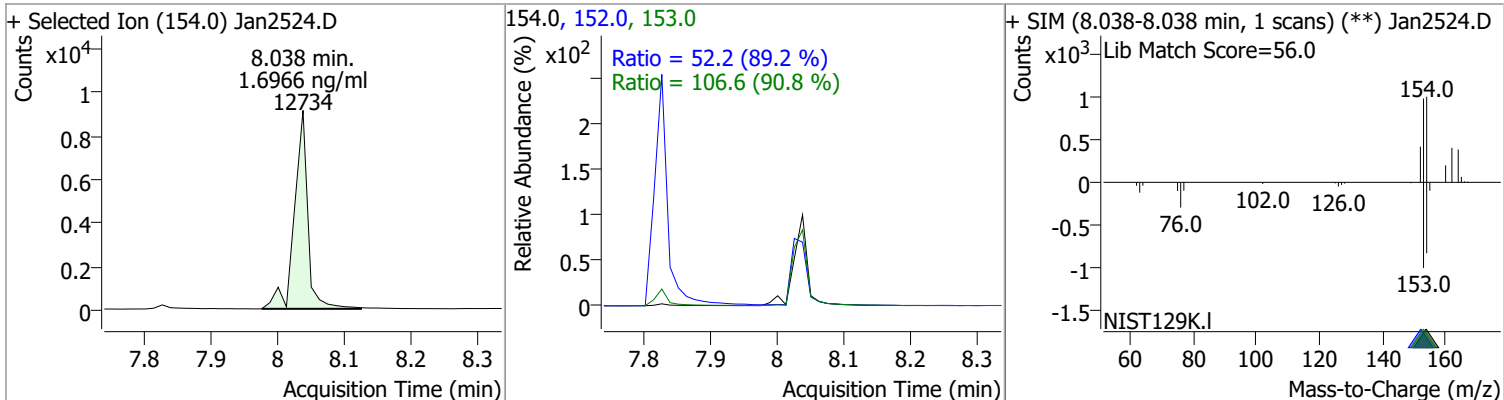
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	1.7346	7.25	-0.01	15964	171.0	36.5	26.6	49.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	1.3519	7.83	0.00	15863	153.0	15.6	9.0	16.6

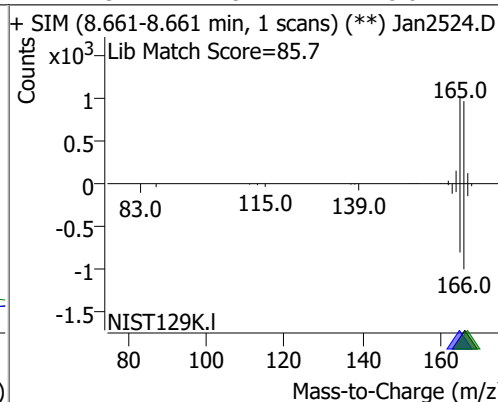
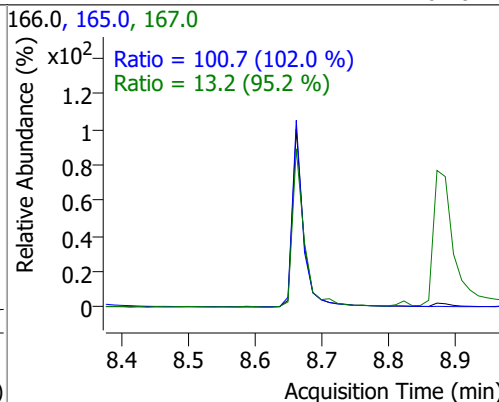
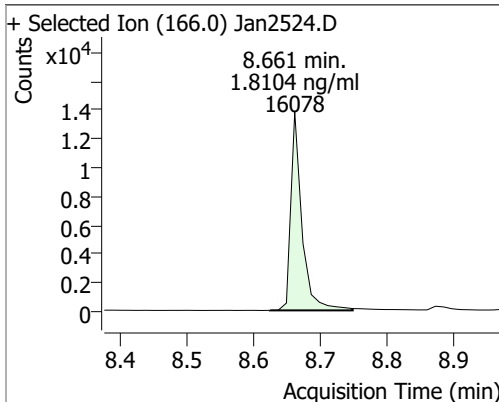


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	1.6966	8.04	0.00	12734	153.0 152.0	106.6 52.2	82.1 41.0	152.6 76.1

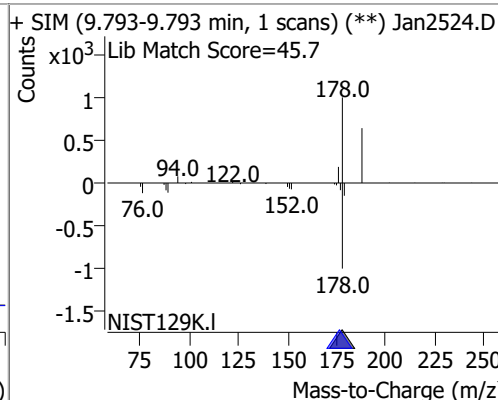
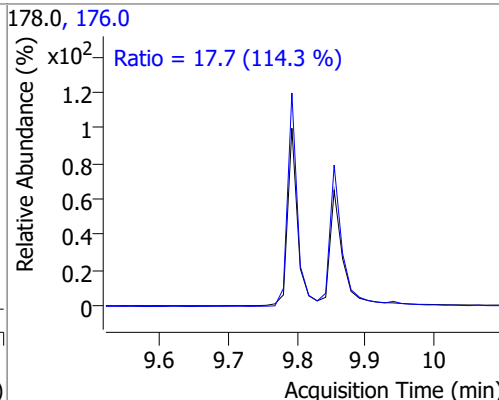
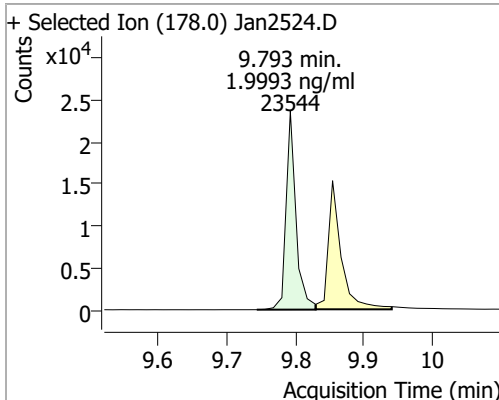


# Quantitation Results Report (QT Reviewed)

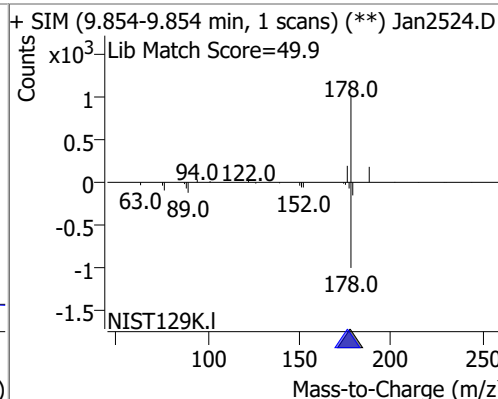
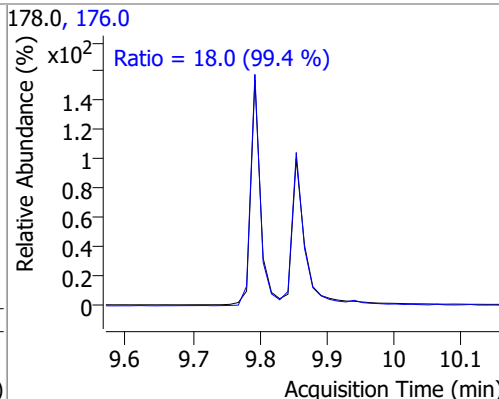
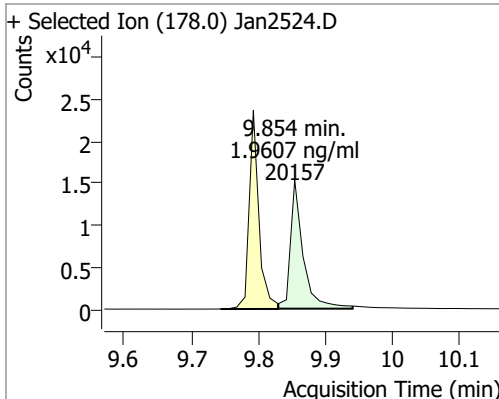
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	1.8104	8.66	-0.01	16078	165.0 167.0	100.7 13.2	69.1 9.7	128.3 18.0



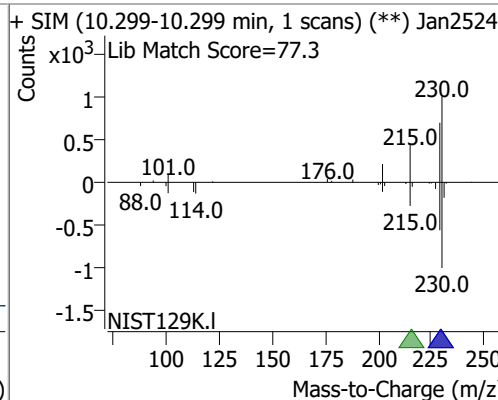
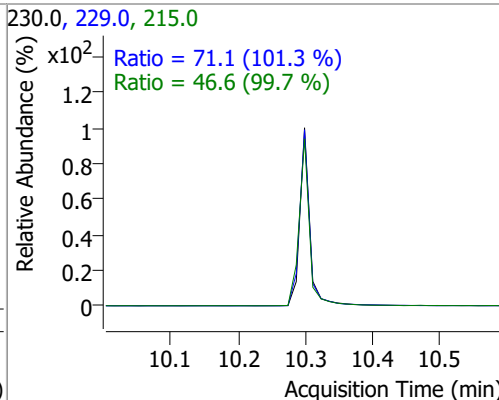
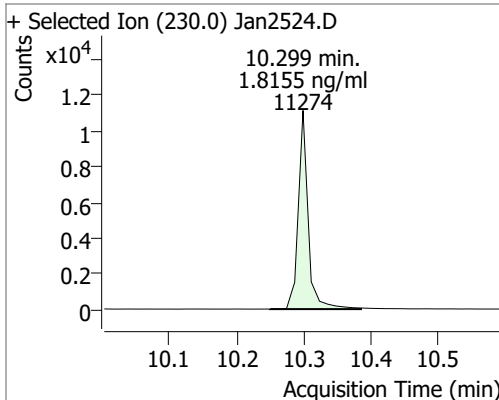
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	1.9993	9.79	-0.01	23544	176.0	17.7	10.8	20.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	1.9607	9.85	-0.01	20157	176.0	18.0	12.7	23.5

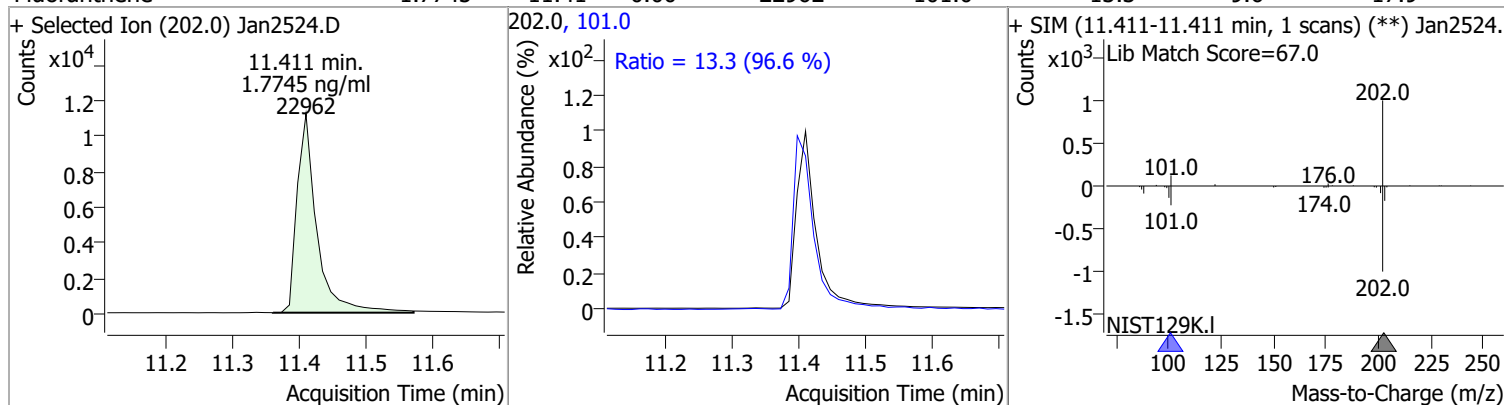


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	1.8155	10.30	0.00	11274	229.0 215.0	71.1 46.6	49.2 32.7	91.3 60.7

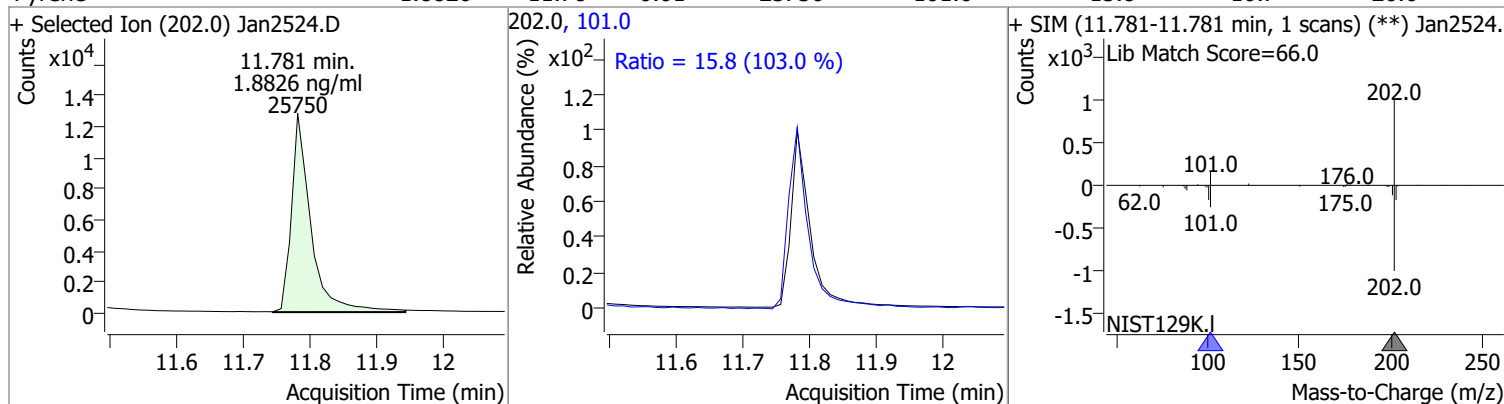


# Quantitation Results Report (QT Reviewed)

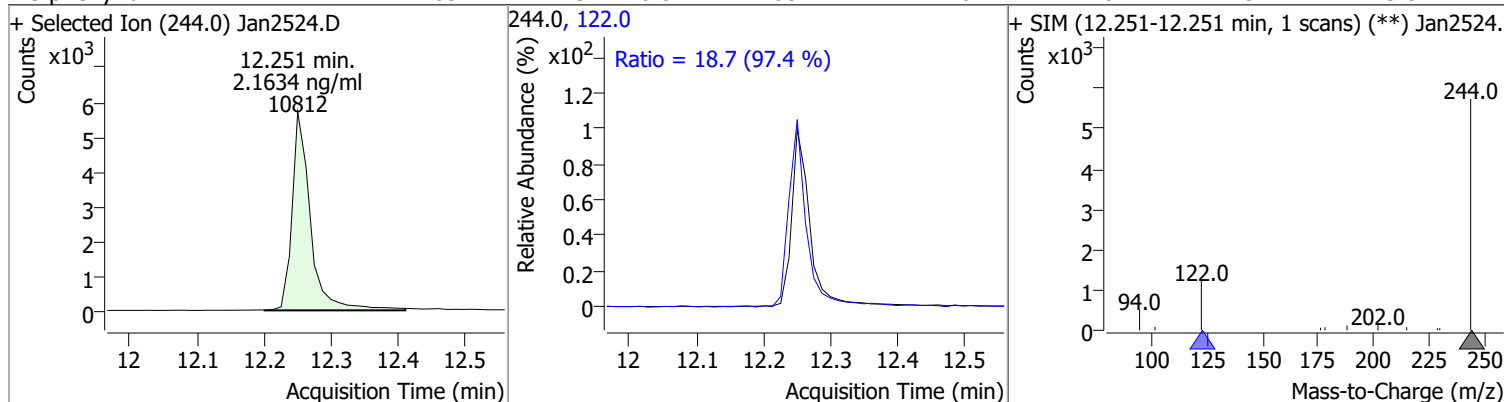
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	1.7745	11.41	0.00	22962	101.0	13.3	9.6	17.9



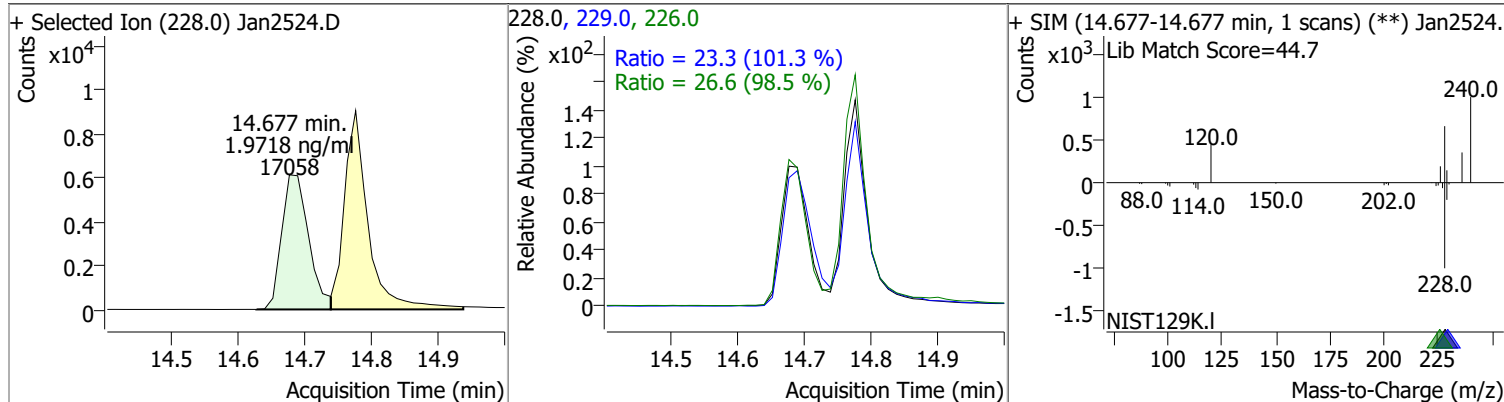
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	1.8826	11.78	-0.01	25750	101.0	15.8	10.7	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	2.1634	12.25	-0.01	10812	122.0	18.7	13.4	25.0

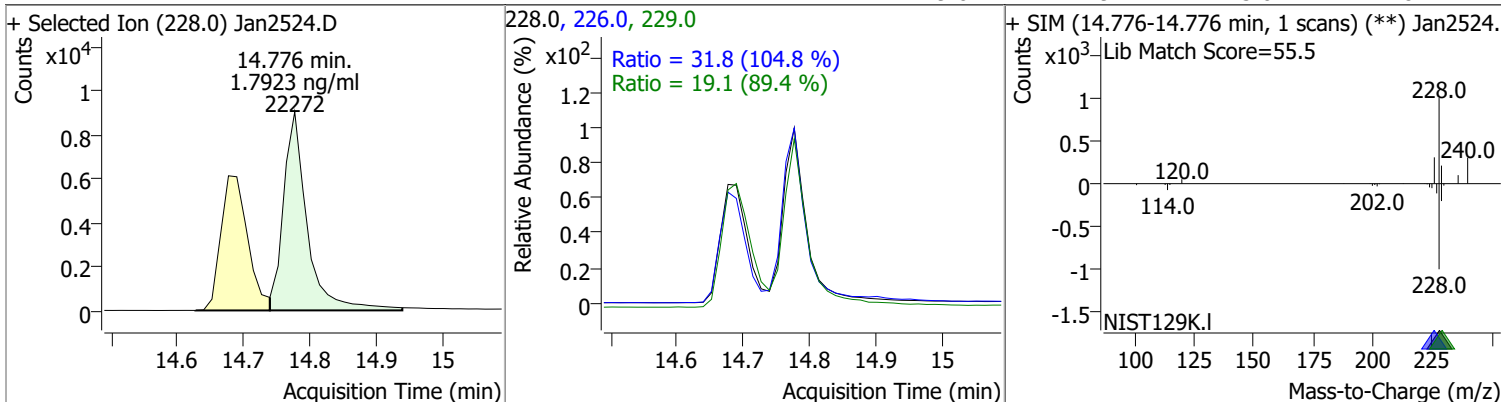


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	1.9718	14.68	-0.02	17058	226.0	26.6	18.9	35.1
					229.0	23.3	16.1	29.9

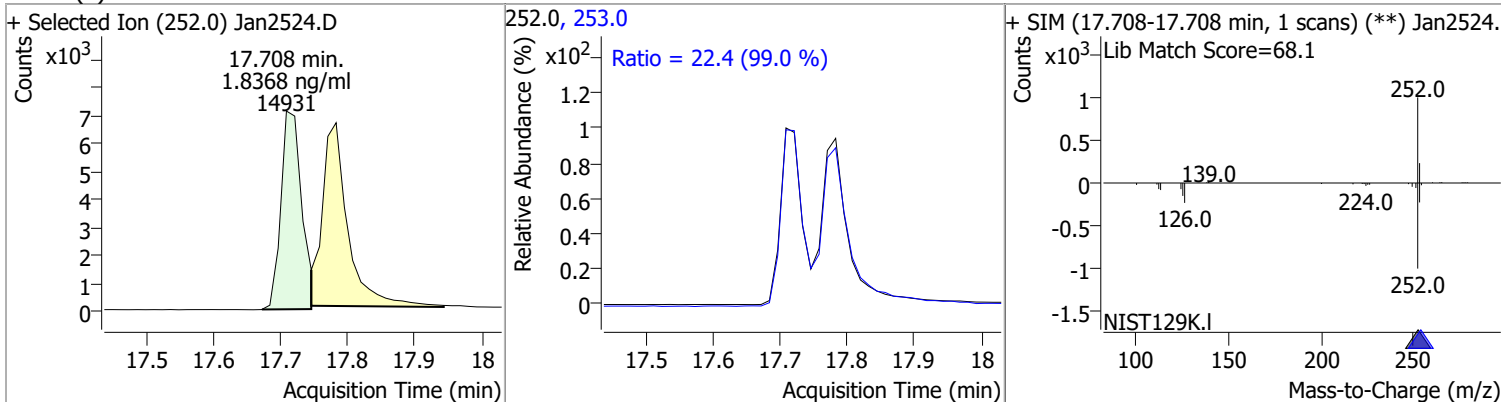


# Quantitation Results Report (QT Reviewed)

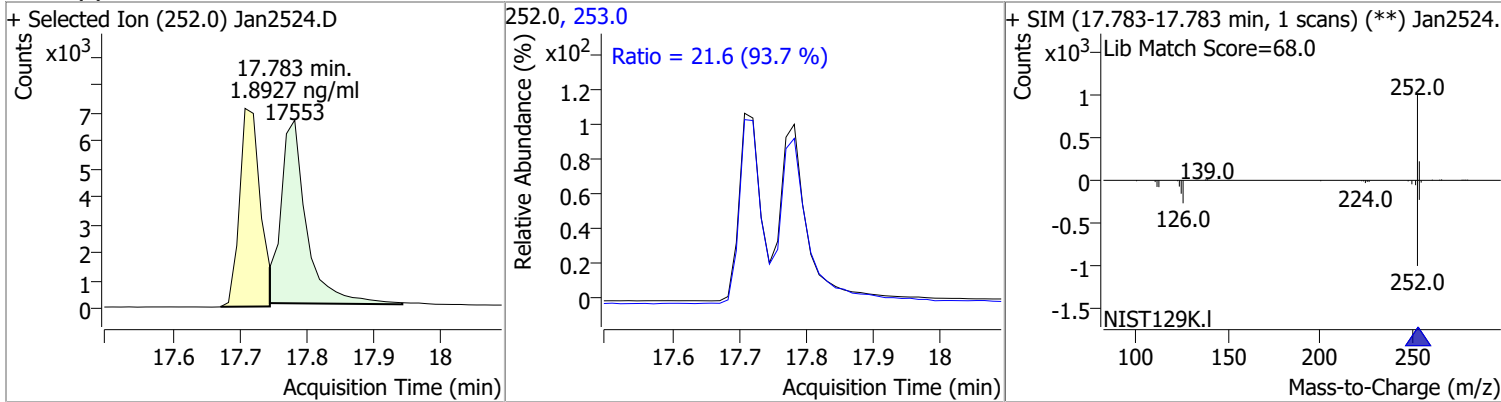
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	1.7923	14.78	-0.01	22272	226.0	31.8	21.2	39.4
					229.0	19.1	15.0	27.8



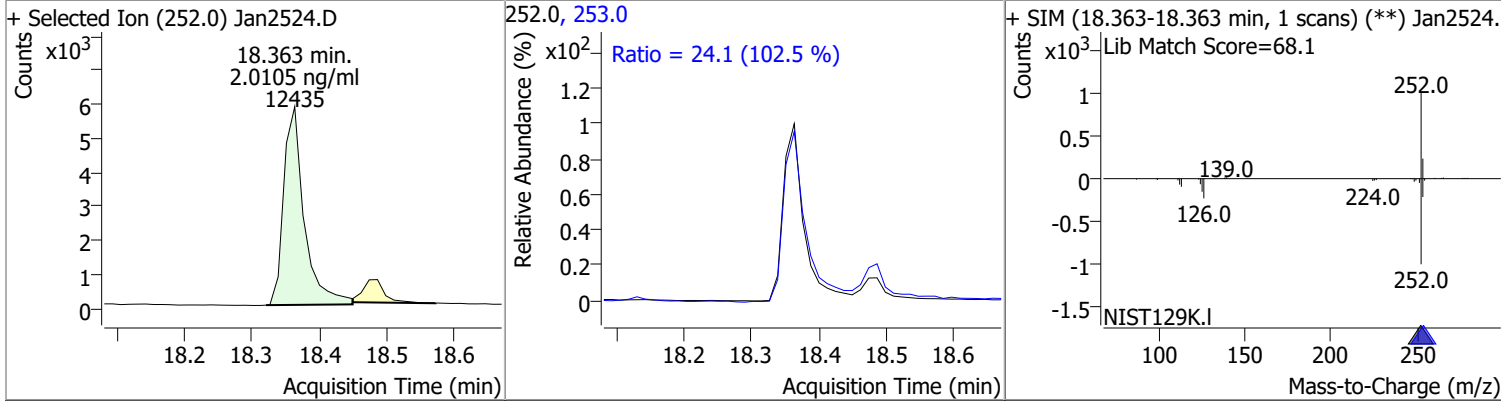
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	1.8368	17.71	-0.02	14931	253.0	22.4	15.8	29.4



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	1.8927	17.78	-0.01	17553	253.0	21.6	16.1	29.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	2.0105	18.36	-0.01	12435	253.0	24.1	16.5	30.6





# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	2.1095	20.22	-0.01	12487	138.0	28.0	20.3	37.6
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2524.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 28.0 (96.7 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.217-20.217 min, 1 scans) (**) Jan2524.D</p> <p>Lib Match Score=75.9</p> </div> </div>								
Dibenzo(a,h)anthracene	1.9885	20.28	-0.02	14333	279.0	25.6	17.6	32.7
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2524.D</p> </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 25.6 (101.7 %)</p> <p>Ratio = 23.5 (97.4 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.278-20.278 min, 1 scans) (**) Jan2524.D</p> <p>Lib Match Score=74.8</p> </div> </div>								
Benzo(g,h,i)perylene	2.1780	20.55	-0.01	18754	138.0	27.0	19.6	36.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2524.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 27.0 (96.3 %)</p> <p>Ratio = 22.0 (94.5 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.550-20.550 min, 1 scans) (**) Jan2524.D</p> <p>Lib Match Score=75.7</p> </div> </div>								

# Continuing Calibration Report

**Batch Name** \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\QuantResults\012522 bna SIM 1.batch.bin  
**Method File** \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\011922 bna SIM 1.batch.bin  
**Daily CC** \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIMJan2502.D

Level name	Injection Time	Calibration Files
7	1/14/2022 4:42:22 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D
6	1/14/2022 5:14:49 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D
5	1/14/2022 5:47:16 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D
4	1/14/2022 6:19:44 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D
3	1/14/2022 6:52:13 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D
2	1/14/2022 7:24:38 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D
1	1/14/2022 7:57:03 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D
CCV	1/25/2022 11:03:53 AM	\\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2502.D <=====

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
1,4-Dichlorobenzene-d4	173591	173466	203724	117.44	M
Naphthalene-d8	313667	320346	385965	120.48	M
Acenaphthene-d10	169911	171827	212800	123.85	M
Phenanthrene-d10	347083	351005	451369	128.59	M
Chrysene-d12	256387	261208	300657	115.10	M
Perylene-d12	167073	172756	209936	121.52	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
1,4-Dichlorobenzene-d4	-----ISTD-----						
Nitrobenzene-d5	0.9999	0.7182	2.00	1.89	5.55	109.21	Quadratic
Naphthalene-d8	-----ISTD-----						
Naphthalene	1.3839	1.2458	2.00	1.80	-9.98	114.17	Avg RF
2-Methylnaphthalene	0.7724	0.7179	2.00	1.86	-7.05	112.75	Avg RF
1-Methylnaphthalene	0.8146	0.7375	2.00	1.81	-9.46	117.84	Avg RF
Acenaphthene-d10	-----ISTD-----						
2-Fluorobiphenyl	1.9227	1.7679	2.00	1.84	-8.05	118.87	Avg RF
Acenaphthylene	2.4514	2.2076	2.00	1.80	-9.94	117.41	Avg RF
Acenaphthene	1.5681	1.2559	2.00	1.60	-19.91	103.57	Avg RF
Fluorene	1.8554	1.7291	2.00	1.86	-6.81	119.86	Avg RF
Phenanthrene-d10	-----ISTD-----						
Phenanthrene	0.9999	1.2014	2.00	1.95	2.71	122.06	Quadratic
Anthracene	0.9999	1.0997	2.00	2.04	-1.99	128.60	Quadratic
o-Terphenyl	0.6510	0.5972	2.00	1.83	-8.26	120.54	Avg RF
Fluoranthene	1.3566	1.2099	2.00	1.78	-10.81	119.87	Avg RF
Chrysene-d12	-----ISTD-----						
Pyrene	2.0151	1.9759	2.00	1.96	-1.95	113.81	Avg RF
Terphenyl-d14	0.9999	0.8241	2.00	2.24	-11.93	125.63	Quadratic
Benzo(a)Anthracene	0.9998	1.3739	2.00	2.16	-8.20	121.44	Quadratic
Chrysene	1.8307	1.6639	2.00	1.82	-9.11	109.64	Avg RF
Perylene-d12	-----ISTD-----						
Benzo(b)fluoranthene	1.8021	1.6164	2.00	1.79	-10.31	107.81	Avg RF
Benzo(k)fluoranthene	0.9995	1.9676	2.00	1.91	4.32	115.95	Quadratic
Benzo(a)pyrene	0.9999	1.5315	2.00	2.22	-11.17	134.53	Quadratic
Indeno(1,2,3-cd)pyrene	0.9998	1.4114	2.00	2.15	-7.44	127.28	Quadratic
Dibenzo(a,h)anthracene	1.5980	1.6086	2.00	2.01	0.67	134.34	Avg RF
Benzo(g,h,i)perylene	0.9998	1.9989	2.00	2.10	-4.83	125.82	Quadratic

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

# Continuing Calibration Report

**Batch Name** \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\QuantResults\012522 bna SIM 1.batch.bin  
**Method File** \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\011922 bna SIM 1.batch.bin  
**Daily CC** \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIMJan2524.D

Level name	Injection Time	Calibration Files
7	1/14/2022 4:42:22 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1411.D
6	1/14/2022 5:14:49 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1412.D
5	1/14/2022 5:47:16 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1413.D
4	1/14/2022 6:19:44 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D
3	1/14/2022 6:52:13 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D
2	1/14/2022 7:24:38 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D
1	1/14/2022 7:57:03 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D
CCV	1/25/2022 11:00:04 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2524.D <=====

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
1,4-Dichlorobenzene-d4	173591	173466	203724	117.44	M
Naphthalene-d8	313667	320346	385965	120.48	M
Acenaphthene-d10	169911	171827	212800	123.85	M
Phenanthrene-d10	347083	351005	451369	128.59	M
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Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
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Naphthalene	1.3839	1.2458	2.00	1.80	-9.98	114.17	Avg RF
2-Methylnaphthalene	0.7724	0.7179	2.00	1.86	-7.05	112.75	Avg RF
1-Methylnaphthalene	0.8146	0.7375	2.00	1.81	-9.46	117.84	Avg RF
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Acenaphthene	1.5681	1.2559	2.00	1.60	-19.91	103.57	Avg RF
Fluorene	1.8554	1.7291	2.00	1.86	-6.81	119.86	Avg RF
Phenanthrene-d10	-----ISTD-----						
Phenanthrene	0.9999	1.2014	2.00	1.95	2.71	122.06	Quadratic
Anthracene	0.9999	1.0997	2.00	2.04	-1.99	128.60	Quadratic
o-Terphenyl	0.6510	0.5972	2.00	1.83	-8.26	120.54	Avg RF
Fluoranthene	1.3566	1.2099	2.00	1.78	-10.81	119.87	Avg RF
Chrysene-d12	-----ISTD-----						
Pyrene	2.0151	1.9759	2.00	1.96	-1.95	113.81	Avg RF
Terphenyl-d14	0.9999	0.8241	2.00	2.24	-11.93	125.63	Quadratic
Benzo(a)Anthracene	0.9998	1.3739	2.00	2.16	-8.20	121.44	Quadratic
Chrysene	1.8307	1.6639	2.00	1.82	-9.11	109.64	Avg RF
Perylene-d12	-----ISTD-----						
Benzo(b)fluoranthene	1.8021	1.6164	2.00	1.79	-10.31	107.81	Avg RF
Benzo(k)fluoranthene	0.9995	1.9676	2.00	1.91	4.32	115.95	Quadratic
Benzo(a)pyrene	0.9999	1.5315	2.00	2.22	-11.17	134.53	Quadratic
Indeno(1,2,3-cd)pyrene	0.9998	1.4114	2.00	2.15	-7.44	127.28	Quadratic
Dibenzo(a,h)anthracene	1.5980	1.6086	2.00	2.01	0.67	134.34	Avg RF
Benzo(g,h,i)perylene	0.9998	1.9989	2.00	2.10	-4.83	125.82	Quadratic

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

# Audit Trail report

**Batch name and path:** \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\QuantResults\012522 bna SIM 1.batch.bin  
**Quant batch version:** 10.0  
**Quant reporting version:** 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\jheine	1/25/2022 11:25:36 AM	Create new batch \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\012522 bna SIM 1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\jheine	1/25/2022 11:25:40 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2501.D			✓	
CmdSetSampleAttribute	BL2000\jheine	1/25/2022 11:25:43 AM	Set SampleType = TuneCheck for sample Jan2501.D; previous value = Sample			✓	
CmdImportSamplesFromWorklist	BL2000\jheine	1/25/2022 11:26:57 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2502.D			✓	
CmdStartMethodEditing	BL2000\jheine	1/25/2022 11:27:20 AM	Start method editing			✓	
CmdImportMethodFromBatch	BL2000\jheine	1/25/2022 11:27:21 AM	Import method from batch \\MASSHUNTER\Org\Data\SV5975.I\sh011922\1 e8270c bna SIM\011922 bna SIM 1.batch.bin			✓	
CmdApplyMethodToAllSamples	BL2000\jheine	1/25/2022 11:27:25 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\jheine	1/25/2022 11:27:25 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\jheine	1/25/2022 11:27:26 AM	End method editing			✓	
CmdSetSampleAttribute	BL2000\jheine	1/25/2022 11:27:32 AM	Set SampleType = CC for sample Jan2502.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/25/2022 11:27:34 AM	Set LevelName = CCV for sample Jan2502.D; previous value =			✓	
CmdQuantitate	BL2000\jheine	1/25/2022 11:27:36 AM	Quantitate all compounds in sample Jan2502.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/25/2022 11:27:54 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2502.D, from x, y = 5.928, 534 to 6.040, 131, result = 2983; previous integration is from x, y = 5.891, 104 to 6.040, 131 and previous response = 7978.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/25/2022 11:27:57 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2502.D to y = 131, new integration is from x, y = 5.928, 131 to 6.040, 131 and new response = 4339; previous integration is from x, y = 5.928, 534 to 6.040, 131 and previous response = 2983.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/25/2022 11:28:06 AM	Manually integrate qualifier 153.0 of compound Acenaphthylene in sample Jan2502.D from x, y = 7.801, 772 to 7.863, 2051; result = -1913			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/25/2022 11:28:07 AM	Snap baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan2502.D from x = 7.801 to x = 7.863, new integration is from x, y = 7.801, 76 to 7.863, 192 and new response = 2863; previous integration is from x, y = 7.801, 772 to 7.863, 2051 and previous response = -1913.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/25/2022 11:28:08 AM	Drop baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan2502.D to y = 76, new integration is from x, y = 7.801, 76 to 7.863, 76 and new response = 3079; previous integration is from x, y = 7.801, 76 to 7.863, 192 and previous response = 2863.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/25/2022 11:28:18 AM	Manually integrate compound Acenaphthene in sample Jan2502.D, from x, y = 8.013, 85 to 8.187, 177, result = 12879; previous integration is from x, y = 8.013, 85 to 8.125, 92 and previous response = 13211.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/25/2022 11:28:20 AM	Drop baseline for compound Acenaphthene in sample Jan2502.D to y = 85, new integration is from x, y = 8.013, 85 to 8.187, 85 and new response = 13362; previous integration is from x, y = 8.013, 85 to 8.187, 177 and previous response = 12879.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/25/2022 11:28:21 AM	Set UserAnnotation = BA for compound Acenaphthene in sample Jan2502.D; previous value =			✓	
CmdSaveBatchTable	BL2000\jheine	1/25/2022 11:28:46 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\QuantResults\012522 bna SIM 1.batch.bin			✓	
CmdSaveBatchTable	BL2000\jheine	1/25/2022 11:29:05 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\QuantResults\012522 bna SIM 1.batch.bin			✓	
CmdOpenBatchTable	BL2000\jheine	1/26/2022 8:21:45 AM	Open batch \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\012522 bna SIM 1.batch.bin			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\jheine	1/26/2022 8:22:58 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2524.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2523.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2522.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2521.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2520.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2519.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2518.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2517.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2516.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2515.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2514.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2513.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2512.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2511.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2510.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2509.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2508.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2507.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2506.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2505.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2504.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\Jan2503.D			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:23:07 AM	Set SampleType = Matrix for sample Jan2504.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:23:11 AM	Set SampleType = MatrixDup for sample Jan2505.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:23:16 AM	Set SampleType = Matrix for sample Jan2506.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:23:20 AM	Set SampleType = MatrixDup for sample Jan2507.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:23:39 AM	Set SampleType = Blank for sample Jan2509.D; previous value = Sample			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:23:46 AM	Set SampleType = Matrix for sample Jan2510.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:23:51 AM	Set SampleType = MatrixDup for sample Jan2511.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:23:56 AM	Set MatrixSpikeGroup = MB-162980 for sample Jan2509.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:23:57 AM	Set MatrixSpikeGroup = MB-162980 for sample Jan2510.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:23:58 AM	Set MatrixSpikeGroup = MB-162980 for sample Jan2511.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:24:03 AM	Set SampleInformation = MatrixA for sample Jan2510.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:24:09 AM	Set SampleInformation = MatrixA for sample Jan2511.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:24:21 AM	Set SampleInformation = MatrixA for sample Jan2511.D; previous value = MatrixA			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:24:29 AM	Set SampleType = Matrix for sample Jan2514.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:24:33 AM	Set MatrixSpikeGroup = B22010972-001C for sample Jan2513.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:24:34 AM	Set MatrixSpikeGroup = B22010972-001C for sample Jan2514.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:24:38 AM	Set SampleInformation = MatrixA for sample Jan2514.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:24:47 AM	Set MatrixSpikeGroup = B22010972-001C for sample Jan2522.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:24:48 AM	Set MatrixSpikeGroup = B22010972-001C for sample Jan2523.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:24:52 AM	Set SampleInformation = MatrixA for sample Jan2523.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:24:58 AM	Set SampleType = Matrix for sample Jan2523.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:25:03 AM	Set SampleType = CC for sample Jan2524.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:25:06 AM	Set LevelName = CCV for sample Jan2524.D; previous value =			✓	
CmdQuantitate	BL2000\jheine	1/26/2022 8:25:17 AM	Quantitate all compounds in all samples			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:25:40 AM	Manually integrate compound Benzo(a)pyrene in sample Jan2503.D, from x, y = 18.339, 96 to 18.413, 136, result = -159; previous integration is from x, y = 18.440, 67 to 18.623, 69 and previous response = 1027.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:25:42 AM	Snap baseline for compound Benzo(a)pyrene in sample Jan2503.D, from x = 18.339 to x = 18.413, new integration is from x, y = 18.339, 60 to 18.413, 63 and new response = 83; previous integration is from x, y = 18.339, 96 to 18.413, 136 and previous response = -159.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:25:42 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan2503.D to y = 60, new integration is from x, y = 18.339, 60 to 18.413, 60 and new response = 90; previous integration is from x, y = 18.339, 60 to 18.413, 63 and previous response = 83.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:25:44 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2503.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:25:57 AM	Manually integrate compound Acenaphthene in sample Jan2503.D, from x, y = 8.025, 107 to 8.088, 68, result = 59; previous integration is from x, y = 7.973, 68 to 8.088, 68 and previous response = 1176.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:25:59 AM	Drop baseline for compound Acenaphthene in sample Jan2503.D to y = 68, new integration is from x, y = 8.025, 68 to 8.088, 68 and new response = 133; previous integration is from x, y = 8.025, 107 to 8.088, 68 and previous response = 59.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:26:00 AM	Zero out primary peak of compound Acenaphthene in sample Jan2503.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:26:11 AM	Manually integrate compound Chrysene in sample Jan2503.D, from x, y = 14.751, 88 to 14.851, 55, result = 179; previous integration is from x, y = 14.640, 54 to 14.851, 55 and previous response = 1571.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:26:12 AM	Drop baseline for compound Chrysene in sample Jan2503.D to y = 55, new integration is from x, y = 14.751, 55 to 14.851, 55 and new response = 278; previous integration is from x, y = 14.751, 88 to 14.851, 55 and previous response = 179.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:26:15 AM	Zero out primary peak of compound Chrysene in sample Jan2503.D			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:26:21 AM	Manually integrate compound Benzo(a)Anthracene in sample Jan2503.D, from x, y = 14.640, 54 to 14.751, 223, result = 731; previous integration is from x, y = 14.640, 54 to 14.851, 55 and previous response = 1571.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:26:22 AM	Drop baseline for compound Benzo(a)Anthracene in sample Jan2503.D to y = 54, new integration is from x, y = 14.640, 54 to 14.751, 54 and new response = 1295; previous integration is from x, y = 14.640, 54 to 14.751, 223 and previous response = 731.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:26:24 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2503.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:26:41 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2504.D, from x, y = 5.928, 497 to 6.028, 102, result = 3646; previous integration is from x, y = 5.891, 89 to 6.028, 102 and previous response = 8462.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:26:43 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2504.D to y = 102, new integration is from x, y = 5.928, 102 to 6.028, 102 and new response = 4830; previous integration is from x, y = 5.928, 497 to 6.028, 102 and previous response = 3646.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:27:05 AM	Manually integrate compound 1-Methylnaphthalene in sample Jan2504.D, from x, y = 6.865, 1772 to 7.040, 1855, result = -3538; previous integration is from x, y = 6.752, 82 to 6.865, 82 and previous response = 15196.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:27:07 AM	Snap baseline for compound 1-Methylnaphthalene in sample Jan2504.D, from x = 6.865 to x = 7.040, new integration is from x, y = 6.865, 336 to 7.040, 160 and new response = 12887; previous integration is from x, y = 6.865, 1772 to 7.040, 1855 and previous response = -3538.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:27:08 AM	Drop baseline for compound 1-Methylnaphthalene in sample Jan2504.D to y = 160, new integration is from x, y = 6.865, 160 to 7.040, 160 and new response = 13810; previous integration is from x, y = 6.865, 336 to 7.040, 160 and previous response = 12887.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/26/2022 8:27:11 AM	Set UserAnnotation = NI for compound 1-Methylnaphthalene in sample Jan2504.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:27:22 AM	Manually integrate compound 1-Methylnaphthalene in sample Jan2504.D, from x, y = 6.752, 274 to 7.065, 358, result = 25560; previous integration is from x, y = 6.865, 160 to 7.040, 160 and previous response = 13810.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:27:24 AM	Snap baseline for compound 1-Methylnaphthalene in sample Jan2504.D, from x = 6.752 to x = 7.065, new integration is from x, y = 6.752, 132 to 7.065, 151 and new response = 28824; previous integration is from x, y = 6.752, 274 to 7.065, 358 and previous response = 25560.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:27:25 AM	Snap baseline for compound 1-Methylnaphthalene in sample Jan2504.D, from x = 6.752 to x = 7.065, new integration is from x, y = 6.752, 132 to 7.065, 151 and new response = 28824; previous integration is from x, y = 6.752, 132 to 7.065, 151 and previous response = 28824.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/26/2022 8:27:28 AM	Split peak for compound 1-Methylnaphthalene in sample Jan2504.D and keep right peak, new integration is from x, y = 6.865, 138.840121710351 to 7.065, 151 and new response = 13987, previous integration is from x, y = 6.752, 132 to 7.065, 151 and previous response = 28824.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:27:37 AM	Manually integrate compound 1-Methylnaphthalene in sample Jan2504.D, from x, y = 6.865, 93 to 7.065, 103, result = 14547; previous integration is from x, y = 6.865, 139 to 7.065, 151 and previous response = 13987.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:27:40 AM	Drop baseline for compound 1-Methylnaphthalene in sample Jan2504.D to y = 93, new integration is from x, y = 6.865, 93 to 7.065, 93 and new response = 14607; previous integration is from x, y = 6.865, 93 to 7.065, 103 and previous response = 14547.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:27:49 AM	Manually integrate compound 1-Methylnaphthalene in sample Jan2504.D, from x, y = 6.865, 414 to 7.202, 294, result = 9587; previous integration is from x, y = 6.865, 93 to 7.065, 93 and previous response = 14607.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:27:51 AM	Snap baseline for compound 1-Methylnaphthalene in sample Jan2504.D, from x = 6.865 to x = 7.202, new integration is from x, y = 6.865, 336 to 7.202, 106 and new response = 12282; previous integration is from x, y = 6.865, 414 to 7.202, 294 and previous response = 9587.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:27:57 AM	Drop baseline for compound 1-Methylnaphthalene in sample Jan2504.D to y = 106, new integration is from x, y = 6.865, 106 to 7.202, 106 and new response = 14609; previous integration is from x, y = 6.865, 336 to 7.202, 106 and previous response = 12282.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/26/2022 8:28:16 AM	Set UserAnnotation = NI for compound 1-Methylnaphthalene in sample Jan2504.D; previous value = NI			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:29:06 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2505.D, from x, y = 5.928, 632 to 6.028, 81, result = 4177; previous integration is from x, y = 5.891, 81 to 6.028, 81 and previous response = 9464.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:29:07 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2505.D to y = 81, new integration is from x, y = 5.928, 81 to 6.028, 81 and new response = 5830; previous integration is from x, y = 5.928, 632 to 6.028, 81 and previous response = 4177.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:30:39 AM	Manually integrate qualifier 129.0 of compound Naphthalene in sample Jan2508.D, from x, y = 5.908, 341 to 5.953, 3106, result = 2049; previous integration is from x, y = 5.908, 341 to 6.027, 341 and previous response = 8356.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:30:44 AM	Drop baseline for qualifier 129.0 of compound Naphthalene in sample Jan2508.D to y = 341, new integration is from x, y = 5.908, 341 to 5.953, 341 and new response = 5746; previous integration is from x, y = 5.908, 341 to 5.953, 3106 and previous response = 2049.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:30:51 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2508.D, from x, y = 5.928, 4288 to 5.991, 2756, result = -4224; previous integration is from x, y = 5.892, 104 to 6.028, 108 and previous response = 12802.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:30:52 AM	Snap baseline for qualifier 102.0 of compound Naphthalene in sample Jan2508.D from x = 5.928 to x = 5.991, new integration is from x, y = 5.928, 1372 to 5.991, 363 and new response = 5722; previous integration is from x, y = 5.928, 4288 to 5.991, 2756 and previous response = -4224.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:30:53 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2508.D to y = 363, new integration is from x, y = 5.928, 363 to 5.991, 363 and new response = 7613; previous integration is from x, y = 5.928, 1372 to 5.991, 363 and previous response = 5722.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:30:54 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2508.D to y = 363, new integration is from x, y = 5.928, 363 to 5.991, 363 and new response = 7613; previous integration is from x, y = 5.928, 363 to 5.991, 363 and previous response = 7613.			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:31:10 AM	Set Dilution = 5 for sample Jan2508.D; previous value = 1			✓	
CmdQuantitate	BL2000\jheine	1/26/2022 8:31:20 AM	Quantitate all compounds in sample Jan2509.D			✓	
CmdQuantitate	BL2000\jheine	1/26/2022 8:31:34 AM	Quantitate all compounds in all samples			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:32:48 AM	Manually integrate compound Acenaphthene in sample Jan2509.D, from x, y = 8.025, 298 to 8.063, 68, result = -167; previous integration is from x, y = 7.975, 68 to 8.063, 68 and previous response = 1106.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:32:49 AM	Drop baseline for compound Acenaphthene in sample Jan2509.D to y = 68, new integration is from x, y = 8.025, 68 to 8.063, 68 and new response = 91; previous integration is from x, y = 8.025, 298 to 8.063, 68 and previous response = -167.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:32:52 AM	Zero out primary peak of compound Acenaphthene in sample Jan2509.D			✓	
CmdQuantitate	BL2000\jheine	1/26/2022 8:33:06 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:33:21 AM	Manually integrate compound Fluorene in sample Jan2509.D, from x, y = 8.636, 107 to 8.723, 118, result = -172; previous integration is from x, y = 8.935, 66 to 9.122, 71 and previous response = 7869.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:33:22 AM	Snap baseline for compound Fluorene in sample Jan2509.D, from x = 8.636 to x = 8.723, new integration is from x, y = 8.636, 66 to 8.723, 66 and new response = 72; previous integration is from x, y = 8.636, 107 to 8.723, 118 and previous response = -172.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:33:23 AM	Drop baseline for compound Fluorene in sample Jan2509.D to y = 66, new integration is from x, y = 8.636, 66 to 8.723, 66 and new response = 72; previous integration is from x, y = 8.636, 66 to 8.723, 66 and previous response = 72.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:33:27 AM	Zero out primary peak of compound Fluorene in sample Jan2509.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:33:30 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2509.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:33:31 AM	Zero out primary peak of compound Chrysene in sample Jan2509.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:33:35 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2509.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:33:43 AM	Manually integrate compound Chrysene in sample Jan2509.D, from x, y = 14.751, 143 to 14.826, 175, result = -282; previous integration is from x, y = 14.701, 0 to 14.701, 0 and previous response = 0.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateS napBaseline	BL2000\jheine	1/26/2022 8:33:44 AM	Snap baseline for compound Chrysene in sample Jan2509.D, from x = 14.751 to x = 14.826, new integration is from x, y = 14.751, 100 to 14.826, 69 and new response = 51; previous integration is from x, y = 14.751, 143 to 14.826, 175 and previous response = -282.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\jheine	1/26/2022 8:33:45 AM	Drop baseline for compound Chrysene in sample Jan2509.D to y = 69, new integration is from x, y = 14.751, 69 to 14.826, 69 and new response = 121; previous integration is from x, y = 14.751, 100 to 14.826, 69 and previous response = 51.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:33:46 AM	Zero out primary peak of compound Chrysene in sample Jan2509.D			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/26/2022 8:34:09 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2510.D, from x, y = 5.878, -209 to 5.916, 220, result = 1921; previous integration is from x, y = 5.878, 86 to 6.028, 103 and previous response = 11250.			✓	
CmdClearManualIntegra tion	BL2000\jheine	1/26/2022 8:34:12 AM	Clear manual integration of qualifier 102.0 for compound Naphthalene in sample Jan2510.D			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/26/2022 8:34:17 AM	Manually integrate qualifier 128.0 of compound Nitrobenzene-d5 in sample Jan2510.D, from x, y = 5.118, 540 to 6.028, 103, result = -2262; previous integration is from x, y = 5.094, 158 to 5.205, 158 and previous response = 5318.			✓	
CmdClearManualIntegra tion	BL2000\jheine	1/26/2022 8:34:23 AM	Clear manual integration of qualifier 128.0 for compound Nitrobenzene-d5 in sample Jan2510.D			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/26/2022 8:34:33 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2510.D, from x, y = 5.928, 863 to 6.028, 103, result = 5134; previous integration is from x, y = 5.878, 86 to 6.028, 103 and previous response = 11250.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\jheine	1/26/2022 8:34:37 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2510.D to y = 103, new integration is from x, y = 5.928, 103 to 6.028, 103 and new response = 7412; previous integration is from x, y = 5.928, 863 to 6.028, 103 and previous response = 5134.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:34:48 AM	Manually integrate qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan2510.D from x, y = 6.865, 5500 to 7.027, 6424; result = -27934			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:34:50 AM	Snap baseline for qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan2510.D from x = 6.865 to x = 7.027, new integration is from x, y = 6.865, 962 to 7.027, 325 and new response = 23877; previous integration is from x, y = 6.865, 5500 to 7.027, 6424 and previous response = -27934.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:34:50 AM	Drop baseline for qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan2510.D to y = 325, new integration is from x, y = 6.865, 325 to 7.027, 325 and new response = 26980; previous integration is from x, y = 6.865, 962 to 7.027, 325 and previous response = 23877.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:35:32 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2511.D, from x, y = 5.928, 736 to 6.028, 85, result = 4001; previous integration is from x, y = 5.891, 85 to 6.028, 85 and previous response = 9696.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:35:33 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2511.D to y = 85, new integration is from x, y = 5.928, 85 to 6.028, 85 and new response = 5953; previous integration is from x, y = 5.928, 736 to 6.028, 85 and previous response = 4001.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:36:57 AM	Zero out primary peak of compound Fluorene in sample Jan2512.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:37:04 AM	Manually integrate compound Benzo(a)pyrene in sample Jan2512.D, from x, y = 18.339, 149 to 18.425, 218, result = -413; previous integration is from x, y = 18.425, 69 to 18.561, 70 and previous response = 1173.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:37:06 AM	Snap baseline for compound Benzo(a)pyrene in sample Jan2512.D, from x = 18.339 to x = 18.425, new integration is from x, y = 18.339, 67 to 18.425, 73 and new response = 177; previous integration is from x, y = 18.339, 149 to 18.425, 218 and previous response = -413.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:37:07 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan2512.D to y = 67, new integration is from x, y = 18.339, 67 to 18.425, 67 and new response = 193; previous integration is from x, y = 18.339, 67 to 18.425, 73 and previous response = 177.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:37:09 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2512.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:37:16 AM	Manually integrate compound Acenaphthene in sample Jan2512.D, from x, y = 8.025, 347 to 8.088, 75, result = -388; previous integration is from x, y = 7.976, 76 to 8.088, 75 and previous response = 1095.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:37:18 AM	Drop baseline for compound Acenaphthene in sample Jan2512.D to y = 75, new integration is from x, y = 8.025, 75 to 8.088, 75 and new response = 119; previous integration is from x, y = 8.025, 347 to 8.088, 75 and previous response = -388.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:37:19 AM	Zero out primary peak of compound Acenaphthene in sample Jan2512.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:37:28 AM	Manually integrate compound Chrysene in sample Jan2512.D, from x, y = 14.739, 167 to 14.863, 225, result = -552; previous integration is from x, y = 14.642, 55 to 14.751, 56 and previous response = 1494.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:37:31 AM	Manually integrate compound Chrysene in sample Jan2512.D, from x, y = 14.751, 246 to 14.863, 225, result = -769; previous integration is from x, y = 14.739, 167 to 14.863, 225 and previous response = -552.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:37:33 AM	Snap baseline for compound Chrysene in sample Jan2512.D, from x = 14.751 to x = 14.863, new integration is from x, y = 14.751, 125 to 14.863, 70 and new response = 161; previous integration is from x, y = 14.751, 246 to 14.863, 225 and previous response = -769.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:37:34 AM	Drop baseline for compound Chrysene in sample Jan2512.D to y = 70, new integration is from x, y = 14.751, 70 to 14.863, 70 and new response = 346; previous integration is from x, y = 14.751, 125 to 14.863, 70 and previous response = 161.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:37:36 AM	Zero out primary peak of compound Chrysene in sample Jan2512.D			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:37:45 AM	Manually integrate compound Indeno(1,2,3-cd)pyrene in sample Jan2512.D, from x, y = 20.180, 60 to 20.266, 71, result = 145; previous integration is from x, y = 20.520, 61 to 20.723, 61 and previous response = 342.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/26/2022 8:37:47 AM	Split peak for compound Indeno(1,2,3-cd)pyrene in sample Jan2512.D and keep right peak, new integration is from x, y = 20.180, 60 to 20.266, 70.922222222222 and new response = 145, previous integration is from x, y = 20.180, 60 to 20.266, 71 and previous response = 145.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:37:48 AM	Snap baseline for compound Indeno(1,2,3-cd)pyrene in sample Jan2512.D, from x = 20.180 to x = 20.266, new integration is from x, y = 20.180, 60 to 20.266, 80 and new response = 122; previous integration is from x, y = 20.180, 60 to 20.266, 71 and previous response = 145.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:37:49 AM	Drop baseline for compound Indeno(1,2,3-cd)pyrene in sample Jan2512.D to y = 60, new integration is from x, y = 20.180, 60 to 20.266, 60 and new response = 173; previous integration is from x, y = 20.180, 60 to 20.266, 80 and previous response = 122.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:37:56 AM	Manually integrate qualifier 138.0 of compound Indeno(1,2,3-cd)pyrene in sample Jan2512.D, from x, y = 20.192, 106 to 20.291, 108, result = 111; previous integration is from x, y = 20.385, 119 to 20.513, 120 and previous response = 680.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:37:58 AM	Zero out qualifier peak of compound Indeno(1,2,3-cd)pyrene 138.0 in sample Jan2512.D			✓	
CmdClearManualIntegration	BL2000\jheine	1/26/2022 8:38:03 AM	Clear manual integration of target signal for compound Indeno(1,2,3-cd)pyrene in sample Jan2512.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:38:08 AM	Manually integrate compound Indeno(1,2,3-cd)pyrene in sample Jan2512.D, from x, y = 20.180, 60 to 20.279, 65, result = 172; previous integration is from x, y = 20.520, 61 to 20.723, 61 and previous response = 342.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:38:10 AM	Drop baseline for compound Indeno(1,2,3-cd)pyrene in sample Jan2512.D to y = 60, new integration is from x, y = 20.180, 60 to 20.279, 60 and new response = 188; previous integration is from x, y = 20.180, 60 to 20.279, 65 and previous response = 172.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:38:17 AM	Manually integrate qualifier 138.0 of compound Indeno(1,2,3-cd)pyrene in sample Jan2512.D, from x, y = 20.192, 106 to 20.266, 109, result = 88; previous integration is from x, y = 20.242, 0 to 20.242, 0 and previous response = 0.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:38:20 AM	Zero out primary peak of compound Indeno(1,2,3-cd)pyrene in sample Jan2512.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:38:27 AM	Manually integrate compound Benzo(b)fluoranthene in sample Jan2512.D, from x, y = 17.659, 57 to 17.758, 65, result = 248; previous integration is from x, y = 17.758, 63 to 17.943, 65 and previous response = 394.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:38:30 AM	Drop baseline for compound Benzo(b)fluoranthene in sample Jan2512.D to y = 57, new integration is from x, y = 17.659, 57 to 17.758, 57 and new response = 271; previous integration is from x, y = 17.659, 57 to 17.758, 65 and previous response = 248.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:38:37 AM	Manually integrate qualifier 253.0 of compound Benzo(b)fluoranthene in sample Jan2512.D, from x, y = 17.684, 59 to 17.758, 64, result = 59; previous integration is from x, y = 17.699, 65 to 17.864, 66 and previous response = 107.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:38:40 AM	Drop baseline for qualifier 253.0 of compound Benzo(b)fluoranthene in sample Jan2512.D to y = 59, new integration is from x, y = 17.684, 59 to 17.758, 59 and new response = 70; previous integration is from x, y = 17.684, 59 to 17.758, 64 and previous response = 59.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:38:51 AM	Manually integrate qualifier 253.0 of compound Benzo(k)fluoranthene in sample Jan2512.D, from x, y = 17.758, 63 to 17.844, 62, result = 75; previous integration is from x, y = 17.699, 65 to 17.864, 66 and previous response = 107.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:38:53 AM	Drop baseline for qualifier 253.0 of compound Benzo(k)fluoranthene in sample Jan2512.D to y = 62, new integration is from x, y = 17.758, 62 to 17.844, 62 and new response = 79; previous integration is from x, y = 17.758, 63 to 17.844, 62 and previous response = 75.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:39:02 AM	Manually integrate compound Anthracene in sample Jan2512.D, from x, y = 9.830, 159 to 9.929, 157, result = -177; previous integration is from x, y = 9.731, 74 to 9.830, 74 and previous response = 563.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:39:06 AM	Drop baseline for compound Anthracene in sample Jan2512.D to y = 157, new integration is from x, y = 9.830, 157 to 9.929, 157 and new response = -173; previous integration is from x, y = 9.830, 159 to 9.929, 157 and previous response = -177.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:39:10 AM	Snap baseline for compound Anthracene in sample Jan2512.D, from x = 9.830 to x = 9.929, new integration is from x, y = 9.830, 97 to 9.929, 87 and new response = 213; previous integration is from x, y = 9.830, 157 to 9.929, 157 and previous response = -173.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:39:12 AM	Drop baseline for compound Anthracene in sample Jan2512.D to y = 87, new integration is from x, y = 9.830, 87 to 9.929, 87 and new response = 242; previous integration is from x, y = 9.830, 97 to 9.929, 87 and previous response = 213.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:39:13 AM	Zero out primary peak of compound Anthracene in sample Jan2512.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:39:18 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2512.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:39:32 AM	Zero out primary peak of compound Fluorene in sample Jan2513.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:39:40 AM	Manually integrate compound Benzo(a)pyrene in sample Jan2513.D, from x, y = 18.339, 67 to 18.425, 63, result = 125; previous integration is from x, y = 18.433, 67 to 18.623, 70 and previous response = 1117.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:39:41 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2513.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:39:46 AM	Zero out primary peak of compound Acenaphthene in sample Jan2513.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:39:54 AM	Manually integrate compound Chrysene in sample Jan2513.D, from x, y = 14.751, 157 to 14.863, 168, result = -432; previous integration is from x, y = 14.640, 54 to 14.751, 54 and previous response = 1403.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:39:56 AM	Snap baseline for compound Chrysene in sample Jan2513.D, from x = 14.751 to x = 14.863, new integration is from x, y = 14.751, 112 to 14.863, 65 and new response = 65; previous integration is from x, y = 14.751, 157 to 14.863, 168 and previous response = -432.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:39:57 AM	Drop baseline for compound Chrysene in sample Jan2513.D to y = 65, new integration is from x, y = 14.751, 65 to 14.863, 65 and new response = 223; previous integration is from x, y = 14.751, 112 to 14.863, 65 and previous response = 65.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:39:59 AM	Zero out primary peak of compound Chrysene in sample Jan2513.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:40:06 AM	Manually integrate compound Indeno(1,2,3-cd)pyrene in sample Jan2513.D, from x, y = 20.192, 58 to 20.291, 68, result = 158; previous integration is from x, y = 20.520, 62 to 20.711, 62 and previous response = 305.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:40:12 AM	Manually integrate compound Indeno(1,2,3-cd)pyrene in sample Jan2513.D, from x, y = 20.192, 58 to 20.278, 65, result = 154; previous integration is from x, y = 20.192, 58 to 20.291, 68 and previous response = 158.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:40:13 AM	Drop baseline for compound Indeno(1,2,3-cd)pyrene in sample Jan2513.D to y = 58, new integration is from x, y = 20.192, 58 to 20.278, 58 and new response = 172; previous integration is from x, y = 20.192, 58 to 20.278, 65 and previous response = 154.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:40:16 AM	Zero out primary peak of compound Indeno(1,2,3-cd)pyrene in sample Jan2513.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:40:22 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2513.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:40:48 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2514.D, from x, y = 5.928, 449 to 6.028, 81, result = 5893; previous integration is from x, y = 5.854, 81 to 6.028, 81 and previous response = 10547.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:40:49 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2514.D to y = 81, new integration is from x, y = 5.928, 81 to 6.028, 81 and new response = 6996; previous integration is from x, y = 5.928, 449 to 6.028, 81 and previous response = 5893.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:41:00 AM	Manually integrate qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan2514.D from x, y = 6.865, 4488 to 7.027, 5159; result = -19128			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:41:03 AM	Drop baseline for qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan2514.D to y = 4488, new integration is from x, y = 6.865, 4488 to 7.027, 4488 and new response = -15863; previous integration is from x, y = 6.865, 4488 to 7.027, 5159 and previous response = -19128.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:41:05 AM	Snap baseline for qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan2514.D from x = 6.865 to x = 7.027, new integration is from x, y = 6.865, 894 to 7.027, 323 and new response = 21931; previous integration is from x, y = 6.865, 4488 to 7.027, 4488 and previous response = -15863.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:41:06 AM	Drop baseline for qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan2514.D to y = 323, new integration is from x, y = 6.865, 323 to 7.027, 323 and new response = 24712; previous integration is from x, y = 6.865, 894 to 7.027, 323 and previous response = 21931.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:41:15 AM	Manually integrate qualifier 153.0 of compound Acenaphthylene in sample Jan2514.D from x, y = 7.801, 3169 to 7.863, 8854; result = -16863			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:41:17 AM	Snap baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan2514.D from x = 7.801 to x = 7.863, new integration is from x, y = 7.801, 69 to 7.863, 282 and new response = 4951; previous integration is from x, y = 7.801, 3169 to 7.863, 8854 and previous response = -16863.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:41:18 AM	Drop baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan2514.D to y = 69, new integration is from x, y = 7.801, 69 to 7.863, 69 and new response = 5350; previous integration is from x, y = 7.801, 69 to 7.863, 282 and previous response = 4951.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:41:59 AM	Zero out primary peak of compound Fluorene in sample Jan2515.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:42:05 AM	Manually integrate compound Benzo(a)pyrene in sample Jan2515.D, from x, y = 18.339, 110 to 18.425, 159, result = -251; previous integration is from x, y = 18.432, 70 to 18.573, 71 and previous response = 1150.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:42:08 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan2515.D to y = 110, new integration is from x, y = 18.339, 110 to 18.425, 110 and new response = -124; previous integration is from x, y = 18.339, 110 to 18.425, 159 and previous response = -251.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:42:11 AM	Snap baseline for compound Benzo(a)pyrene in sample Jan2515.D, from x = 18.339 to x = 18.425, new integration is from x, y = 18.339, 61 to 18.425, 67 and new response = 116; previous integration is from x, y = 18.339, 110 to 18.425, 110 and previous response = -124.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:42:12 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan2515.D to y = 61, new integration is from x, y = 18.339, 61 to 18.425, 61 and new response = 132; previous integration is from x, y = 18.339, 61 to 18.425, 67 and previous response = 116.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:42:17 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2515.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:42:23 AM	Manually integrate compound Acenaphthene in sample Jan2515.D, from x, y = 8.025, 135 to 8.088, 73, result = 9; previous integration is from x, y = 7.951, 73 to 8.088, 73 and previous response = 1253.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:42:26 AM	Drop baseline for compound Acenaphthene in sample Jan2515.D to y = 73, new integration is from x, y = 8.025, 73 to 8.088, 73 and new response = 124; previous integration is from x, y = 8.025, 135 to 8.088, 73 and previous response = 9.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:42:28 AM	Zero out primary peak of compound Acenaphthene in sample Jan2515.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:42:36 AM	Manually integrate compound Chrysene in sample Jan2515.D, from x, y = 14.751, 207 to 14.851, 226, result = -437; previous integration is from x, y = 14.642, 56 to 14.751, 57 and previous response = 1585.			✓	
CmdManuallyIntegrateSnapshotBaseline	BL2000\jheine	1/26/2022 8:42:38 AM	Snap baseline for compound Chrysene in sample Jan2515.D, from x = 14.751 to x = 14.851, new integration is from x, y = 14.751, 138 to 14.851, 75 and new response = 218; previous integration is from x, y = 14.751, 207 to 14.851, 226 and previous response = -437.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:42:39 AM	Drop baseline for compound Chrysene in sample Jan2515.D to y = 75, new integration is from x, y = 14.751, 75 to 14.851, 75 and new response = 407; previous integration is from x, y = 14.751, 138 to 14.851, 75 and previous response = 218.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:42:41 AM	Zero out primary peak of compound Chrysene in sample Jan2515.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:42:49 AM	Manually integrate compound Indeno(1,2,3-cd)pyrene in sample Jan2515.D, from x, y = 20.180, 59 to 20.266, 69, result = 214; previous integration is from x, y = 20.180, 59 to 20.401, 60 and previous response = 356.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:42:51 AM	Drop baseline for compound Indeno(1,2,3-cd)pyrene in sample Jan2515.D to y = 59, new integration is from x, y = 20.180, 59 to 20.266, 59 and new response = 241; previous integration is from x, y = 20.180, 59 to 20.266, 69 and previous response = 214.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:42:52 AM	Zero out primary peak of compound Indeno(1,2,3-cd)pyrene in sample Jan2515.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:43:00 AM	Manually integrate compound Benzo(b)fluoranthene in sample Jan2515.D, from x, y = 17.684, 58 to 17.758, 82, result = 267; previous integration is from x, y = 17.758, 62 to 17.955, 64 and previous response = 412.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:43:02 AM	Drop baseline for compound Benzo(b)fluoranthene in sample Jan2515.D to y = 58, new integration is from x, y = 17.684, 58 to 17.758, 58 and new response = 320; previous integration is from x, y = 17.684, 58 to 17.758, 82 and previous response = 267.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:43:09 AM	Manually integrate qualifier253.0 of compound Benzo(b)fluoranthene in sample Jan2515.D from x, y = 17.696, 60 to 17.770, 63; result = 78			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:43:19 AM	Manually integrate compound Benzo(k)fluoranthene in sample Jan2515.D, from x, y = 17.758, 62 to 17.869, 90, result = 284; previous integration is from x, y = 17.758, 62 to 17.955, 64 and previous response = 412.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:43:21 AM	Drop baseline for compound Benzo(k)fluoranthene in sample Jan2515.D to y = 62, new integration is from x, y = 17.758, 62 to 17.869, 62 and new response = 379; previous integration is from x, y = 17.758, 62 to 17.869, 90 and previous response = 284.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:43:26 AM	Manually integrate qualifier253.0 of compound Benzo(k)fluoranthene in sample Jan2515.D from x, y = 17.770, 60 to 17.832, 63; result = 63			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:43:28 AM	Drop baseline for qualifier 253.0 of compound Benzo(k)fluoranthene in sample Jan2515.D to y = 60, new integration is from x, y = 17.770, 60 to 17.832, 60 and new response = 69; previous integration is from x, y = 17.770, 60 to 17.832, 63 and previous response = 63.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/26/2022 8:43:35 AM	Set UserAnnotation = BA for compound Benzo(b)fluoranthene in sample Jan2515.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/26/2022 8:43:39 AM	Set UserAnnotation = BA for compound Benzo(k)fluoranthene in sample Jan2515.D; previous value =			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:43:45 AM	Zero out primary peak of compound Anthracene in sample Jan2515.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:43:49 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2515.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:44:05 AM	Zero out primary peak of compound Fluorene in sample Jan2516.D			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:44:17 AM	Manually integrate compound Benzo(a)pyrene in sample Jan2516.D, from x, y = 18.326, 104 to 18.413, 167, result = -316; previous integration is from x, y = 18.442, 66 to 18.574, 67 and previous response = 1151.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:44:19 AM	Snap baseline for compound Benzo(a)pyrene in sample Jan2516.D, from x = 18.326 to x = 18.413, new integration is from x, y = 18.326, 59 to 18.413, 66 and new response = 62; previous integration is from x, y = 18.326, 104 to 18.413, 167 and previous response = -316.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:44:20 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan2516.D to y = 59, new integration is from x, y = 18.326, 59 to 18.413, 59 and new response = 80; previous integration is from x, y = 18.326, 59 to 18.413, 66 and previous response = 62.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:44:21 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2516.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:44:31 AM	Manually integrate compound Acenaphthene in sample Jan2516.D, from x, y = 8.025, 93 to 8.075, 69, result = 93; previous integration is from x, y = 7.976, 69 to 8.075, 69 and previous response = 1315.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:44:33 AM	Drop baseline for compound Acenaphthene in sample Jan2516.D to y = 69, new integration is from x, y = 8.025, 69 to 8.075, 69 and new response = 129; previous integration is from x, y = 8.025, 93 to 8.075, 69 and previous response = 93.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:44:36 AM	Zero out primary peak of compound Acenaphthene in sample Jan2516.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:44:45 AM	Manually integrate compound Chrysene in sample Jan2516.D, from x, y = 14.751, 138 to 14.814, 134, result = -126; previous integration is from x, y = 14.639, 53 to 14.801, 53 and previous response = 1593.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:44:47 AM	Snap baseline for compound Chrysene in sample Jan2516.D, from x = 14.751 to x = 14.814, new integration is from x, y = 14.751, 106 to 14.814, 77 and new response = 40; previous integration is from x, y = 14.751, 138 to 14.814, 134 and previous response = -126.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:44:48 AM	Drop baseline for compound Chrysene in sample Jan2516.D to y = 77, new integration is from x, y = 14.751, 77 to 14.814, 77 and new response = 94; previous integration is from x, y = 14.751, 106 to 14.814, 77 and previous response = 40.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:44:50 AM	Zero out primary peak of compound Chrysene in sample Jan2516.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:44:54 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2516.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:45:10 AM	Manually integrate compound Fluorene in sample Jan2517.D, from x, y = 8.636, 70 to 8.711, 77, result = 157; previous integration is from x, y = 8.936, 68 to 9.122, 69 and previous response = 6786.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:45:12 AM	Zero out primary peak of compound Fluorene in sample Jan2517.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:45:18 AM	Manually integrate compound Benzo(a)pyrene in sample Jan2517.D, from x, y = 18.339, 96 to 18.413, 164, result = -216; previous integration is from x, y = 18.438, 61 to 18.561, 62 and previous response = 1096.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:45:19 AM	Snap baseline for compound Benzo(a)pyrene in sample Jan2517.D, from x = 18.339 to x = 18.413, new integration is from x, y = 18.339, 60 to 18.413, 68 and new response = 77; previous integration is from x, y = 18.339, 96 to 18.413, 164 and previous response = -216.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:45:20 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan2517.D to y = 60, new integration is from x, y = 18.339, 60 to 18.413, 60 and new response = 95; previous integration is from x, y = 18.339, 60 to 18.413, 68 and previous response = 77.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:45:22 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2517.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:45:30 AM	Manually integrate compound Acenaphthene in sample Jan2517.D, from x, y = 8.025, 137 to 8.088, 72, result = 16; previous integration is from x, y = 7.976, 73 to 8.088, 72 and previous response = 1111.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:45:32 AM	Drop baseline for compound Acenaphthene in sample Jan2517.D to y = 72, new integration is from x, y = 8.025, 72 to 8.088, 72 and new response = 137; previous integration is from x, y = 8.025, 137 to 8.088, 72 and previous response = 16.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:45:33 AM	Zero out primary peak of compound Acenaphthene in sample Jan2517.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:45:39 AM	Manually integrate compound Chrysene in sample Jan2517.D, from x, y = 14.739, 190 to 14.751, 190, result = -36; previous integration is from x, y = 14.640, 54 to 14.751, 58 and previous response = 1640.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:45:41 AM	Manually integrate compound Chrysene in sample Jan2517.D, from x, y = 14.739, 190 to 14.764, 176, result = -48; previous integration is from x, y = 14.739, 190 to 14.751, 190 and previous response = -36.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:45:47 AM	Manually integrate compound Chrysene in sample Jan2517.D, from x, y = 14.751, 229 to 14.863, 241, result = -628; previous integration is from x, y = 14.739, 190 to 14.764, 176 and previous response = -48.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:45:48 AM	Snap baseline for compound Chrysene in sample Jan2517.D, from x = 14.751 to x = 14.863, new integration is from x, y = 14.751, 125 to 14.863, 76 and new response = 276; previous integration is from x, y = 14.751, 229 to 14.863, 241 and previous response = -628.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:45:49 AM	Drop baseline for compound Chrysene in sample Jan2517.D to y = 76, new integration is from x, y = 14.751, 76 to 14.863, 76 and new response = 440; previous integration is from x, y = 14.751, 125 to 14.863, 76 and previous response = 276.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:46:03 AM	Manually integrate compound Chrysene in sample Jan2517.D, from x, y = 14.751, 160 to 14.926, 118, result = -250; previous integration is from x, y = 14.751, 76 to 14.863, 76 and previous response = 440.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:46:05 AM	Drop baseline for compound Chrysene in sample Jan2517.D to y = 118, new integration is from x, y = 14.751, 118 to 14.926, 118 and new response = -29; previous integration is from x, y = 14.751, 160 to 14.926, 118 and previous response = -250.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:46:06 AM	Snap baseline for compound Chrysene in sample Jan2517.D, from x = 14.751 to x = 14.926, new integration is from x, y = 14.751, 125 to 14.926, 64 and new response = 215; previous integration is from x, y = 14.751, 118 to 14.926, 118 and previous response = -29.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:46:06 AM	Drop baseline for compound Chrysene in sample Jan2517.D to y = 64, new integration is from x, y = 14.751, 64 to 14.926, 64 and new response = 534; previous integration is from x, y = 14.751, 125 to 14.926, 64 and previous response = 215.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/26/2022 8:46:14 AM	Set UserAnnotation = NI for compound Chrysene in sample Jan2517.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:46:19 AM	Manually integrate qualifier 226.0 of compound Chrysene in sample Jan2517.D, from x, y = 14.751, 54 to 14.863, 87, result = 90; previous integration is from x, y = 14.751, 54 to 14.926, 54 and previous response = 222.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:46:21 AM	Drop baseline for qualifier 226.0 of compound Chrysene in sample Jan2517.D to y = 54, new integration is from x, y = 14.751, 54 to 14.863, 54 and new response = 198; previous integration is from x, y = 14.751, 54 to 14.863, 87 and previous response = 90.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:46:25 AM	Manually integrate qualifier 229.0 of compound Chrysene in sample Jan2517.D, from x, y = 14.751, 56 to 14.851, 109, result = -4; previous integration is from x, y = 14.751, 56 to 15.000, 57 and previous response = 195.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:46:27 AM	Drop baseline for qualifier 229.0 of compound Chrysene in sample Jan2517.D to y = 56, new integration is from x, y = 14.751, 56 to 14.851, 56 and new response = 155; previous integration is from x, y = 14.751, 56 to 14.851, 109 and previous response = -4.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:46:45 AM	Manually integrate compound Phenanthrene in sample Jan2517.D, from x, y = 9.780, 113 to 9.842, 70, result = 629; previous integration is from x, y = 9.743, 70 to 9.842, 70 and previous response = 940.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:46:47 AM	Drop baseline for compound Phenanthrene in sample Jan2517.D to y = 70, new integration is from x, y = 9.780, 70 to 9.842, 70 and new response = 707; previous integration is from x, y = 9.780, 113 to 9.842, 70 and previous response = 629.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:46:49 AM	Zero out primary peak of compound Phenanthrene in sample Jan2517.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:46:55 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2517.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:47:10 AM	Manually integrate compound Anthracene in sample Jan2517.D, from x, y = 9.842, 70 to 9.904, 251, result = 180; previous integration is from x, y = 9.842, 70 to 10.015, 70 and previous response = 616.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:47:12 AM	Drop baseline for compound Anthracene in sample Jan2517.D to y = 70, new integration is from x, y = 9.842, 70 to 9.904, 70 and new response = 514; previous integration is from x, y = 9.842, 70 to 9.904, 251 and previous response = 180.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:47:14 AM	Zero out primary peak of compound Anthracene in sample Jan2517.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:48:52 AM	Manually integrate compound Fluorene in sample Jan2518.D, from x, y = 8.636, 69 to 8.698, 76, result = 91; previous integration is from x, y = 8.936, 67 to 9.097, 70 and previous response = 6616.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:48:57 AM	Drop baseline for compound Fluorene in sample Jan2518.D to y = 69, new integration is from x, y = 8.636, 69 to 8.698, 69 and new response = 104; previous integration is from x, y = 8.636, 69 to 8.698, 76 and previous response = 91.			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:48:58 AM	Zero out primary peak of compound Fluorene in sample Jan2518.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:49:03 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2518.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:49:08 AM	Zero out primary peak of compound Acenaphthene in sample Jan2518.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:49:10 AM	Zero out primary peak of compound Chrysene in sample Jan2518.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:49:15 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2518.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:49:26 AM	Zero out primary peak of compound Fluorene in sample Jan2519.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:49:31 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2519.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:49:32 AM	Zero out primary peak of compound Acenaphthene in sample Jan2519.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:49:34 AM	Zero out primary peak of compound Chrysene in sample Jan2519.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:49:36 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2519.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:49:45 AM	Zero out primary peak of compound Fluorene in sample Jan2520.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:49:48 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2520.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:49:49 AM	Zero out primary peak of compound Acenaphthene in sample Jan2520.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:49:51 AM	Zero out primary peak of compound Chrysene in sample Jan2520.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:49:52 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2520.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:49:59 AM	Zero out primary peak of compound Fluorene in sample Jan2521.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:50:01 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2521.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:50:03 AM	Zero out primary peak of compound Acenaphthene in sample Jan2521.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:50:05 AM	Zero out primary peak of compound Chrysene in sample Jan2521.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:50:06 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2521.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:50:20 AM	Zero out primary peak of compound Fluorene in sample Jan2522.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:50:23 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2522.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:50:24 AM	Zero out primary peak of compound Acenaphthene in sample Jan2522.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:50:26 AM	Zero out primary peak of compound Chrysene in sample Jan2522.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/26/2022 8:50:28 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2522.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:50:47 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2523.D, from x, y = 5.928, 609 to 6.028, 95, result = 3777; previous integration is from x, y = 5.889, 96 to 6.028, 95 and previous response = 9019.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:50:49 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2523.D to y = 95, new integration is from x, y = 5.928, 95 to 6.028, 95 and new response = 5319; previous integration is from x, y = 5.928, 609 to 6.028, 95 and previous response = 3777.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/26/2022 8:51:09 AM	Manually integrate compound 1-Methylnaphthalene in sample Jan2523.D, from x, y = 6.865, 98 to 7.139, 132, result = 18168; previous integration is from x, y = 6.865, 98 to 6.952, 99 and previous response = 17071.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:51:10 AM	Drop baseline for compound 1-Methylnaphthalene in sample Jan2523.D to y = 98, new integration is from x, y = 6.865, 98 to 7.139, 98 and new response = 18448; previous integration is from x, y = 6.865, 98 to 7.139, 132 and previous response = 18168.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/26/2022 8:51:13 AM	Set UserAnnotation = LT for compound 1-Methylnaphthalene in sample Jan2523.D; previous value =			✓	
CmdClearManualIntegration	BL2000\jheine	1/26/2022 8:51:25 AM	Clear manual integration of target signal for compound 1-Methylnaphthalene in sample Jan2523.D			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/26/2022 8:51:25 AM	Set UserAnnotation = for compound 1-Methylnaphthalene in sample Jan2523.D; previous value = LT			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:52:27 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2524.D, from x, y = 5.928, 2446 to 6.016, 2551, result = -8989; previous integration is from x, y = 5.891, 79 to 6.140, 79 and previous response = 7355.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:52:29 AM	Snap baseline for qualifier 102.0 of compound Naphthalene in sample Jan2524.D from x = 5.928 to x = 6.016, new integration is from x, y = 5.928, 928 to 6.016, 128 and new response = 1348; previous integration is from x, y = 5.928, 2446 to 6.016, 2551 and previous response = -8989.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:52:30 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2524.D to y = 128, new integration is from x, y = 5.928, 128 to 6.016, 128 and new response = 3447; previous integration is from x, y = 5.928, 928 to 6.016, 128 and previous response = 1348.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/26/2022 8:52:41 AM	Manually integrate qualifier 153.0 of compound Acenaphthylene in sample Jan2524.D from x, y = 7.789, 676 to 7.876, 1642; result = -3223			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:52:42 AM	Drop baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan2524.D to y = 676, new integration is from x, y = 7.789, 676 to 7.876, 676 and new response = -695; previous integration is from x, y = 7.789, 676 to 7.876, 1642 and previous response = -3223.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/26/2022 8:52:43 AM	Snap baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan2524.D from x = 7.789 to x = 7.876, new integration is from x, y = 7.789, 71 to 7.876, 146 and new response = 2274; previous integration is from x, y = 7.789, 676 to 7.876, 676 and previous response = -695.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/26/2022 8:52:44 AM	Drop baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan2524.D to y = 71, new integration is from x, y = 7.789, 71 to 7.876, 71 and new response = 2471; previous integration is from x, y = 7.789, 71 to 7.876, 146 and previous response = 2274.			✓	
CmdSaveBatchTable	BL2000\jheine	1/26/2022 8:53:12 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\QuantResults\012522 bna SIM 1.batch.bin			✓	
CmdSaveBatchTable	BL2000\jheine	1/26/2022 8:54:22 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\QuantResults\012522 bna SIM 1.batch.bin			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:54:28 AM	Set SampleApproved = True for sample Jan2524.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:54:30 AM	Set SampleApproved = True for sample Jan2523.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:54:31 AM	Set SampleApproved = True for sample Jan2522.D; previous value = False			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:54:33 AM	Set SampleApproved = True for sample Jan2521.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:54:33 AM	Set SampleApproved = True for sample Jan2520.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:54:38 AM	Set SampleApproved = True for sample Jan2519.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:54:39 AM	Set SampleApproved = True for sample Jan2518.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:54:40 AM	Set SampleApproved = True for sample Jan2517.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:54:43 AM	Set SampleApproved = True for sample Jan2516.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:55:00 AM	Set SampleApproved = True for sample Jan2515.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:55:02 AM	Set SampleApproved = True for sample Jan2514.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:55:08 AM	Set SampleApproved = True for sample Jan2513.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:55:09 AM	Set SampleApproved = True for sample Jan2512.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:55:31 AM	Set SampleApproved = True for sample Jan2511.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:55:36 AM	Set SampleApproved = True for sample Jan2510.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:55:38 AM	Set SampleApproved = True for sample Jan2509.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:55:39 AM	Set SampleApproved = True for sample Jan2508.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:55:42 AM	Set SampleApproved = True for sample Jan2507.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:55:43 AM	Set SampleApproved = True for sample Jan2506.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:55:54 AM	Set SampleApproved = True for sample Jan2505.D; previous value = False			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:56:04 AM	Set SampleApproved = True for sample Jan2504.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:56:05 AM	Set SampleApproved = True for sample Jan2503.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:56:06 AM	Set SampleApproved = True for sample Jan2502.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/26/2022 8:56:07 AM	Set SampleApproved = True for sample Jan2501.D; previous value = False			✓	
CmdSaveBatchTable	BL2000\jheine	1/26/2022 8:56:12 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\QuantResults\012522 bna SIM 1.batch.bin			✓	
CmdOpenBatchTable	BL2000\jheine	2/8/2022 4:05:37 PM	Open batch \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\012522 bna SIM 1.batch.bin			✓	
CmdQuantitate	BL2000\jheine	2/8/2022 4:06:07 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\jheine	2/8/2022 4:06:10 PM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 012522\1 e8270c bna SIM\QuantResults\012522 bna SIM 1.batch.bin			✓	

# Energy Laboratories Inc

# ANALYTICAL RUN Summary

24-Feb-22

Run ID SV5975.I\_220126A

Run Start Date: 1/26/2022
Analyst: John P. Heine
Ical:
Column ID: ZB-SemiVolatiles
Comments:

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
dcmsvoc13	DCM						11/17/2022
sv100506	BNA low 50 ug/mL	8	ul	192	ul	CCV	3/31/2022
sv100703	BNA Internals 2000 ug/mL	2	ul	100	ul	SAMP	5/31/2022
sv100801	BNA 2nd source 200ug/mL	2	ul	198	ul	ICV	10/1/2022
sv83311	DFTPP 1000 ug/mL	50	ul	50	ul	TUNE	10/31/2022

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15003992	Jan2601_D_TU	SVOC-8270-DF	TUNE	5975.I\sh012622	11/26/2022 4:53:0	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
127, % of mass 198	A	%	47.4	47.4		100	0	0	0	0.01	0	47%	40	60	0%	
197, % of mass 198	A	%	0	0		100	0	0	0	0.01	0	0%	0	0.99	0%	
198, Base Peak	A	%	100	100		100	0	0	0	0.01	0	100%	100	100	0%	
199, % of mass 198	A	%	7	7		100	0	0	0	0.01	0	7%	5	9	0%	
275, % of mass 198	A	%	26.1	26.1		100	0	0	0	0.01	0	26%	10	30	0%	
365, % of mass 198	A	%	3.2	3.2		100	0	0	0	0.01	0	3%	1	99.99	0%	
441, % of mass 443	A	%	110.5	110.5		100	0	0	0	0.01	0	111%	0.01	150	0%	
442, % of mass 198	A	%	41.4	41.4		100	0	0	0	0.01	0	41%	40	100	0%	
443, % of mass 442	A	%	19.3	19.3		100	0	0	0	0.01	0	19%	17	23	0%	
51, % of mass 198	A	%	50.5	50.5		100	0	0	0	0.01	0	51%	30	60	0%	
68, % of mass 69	A	%	0	0		100	0	0	0	0.01	0	0%	0	1.99	0%	
70, % of mass 69	A	%	0.5	0.5		100	0	0	0	0.01	0	1%	0	1.99	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15003993	26-Jan-22_CAL_	SVOC-8270-W-	ICAL	5975.I\sh012622\	11/26/2022 5:17:4	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	10.07823	10.07823		10	0	0	0.0206	0.1	10	101%	20	120	0%	
2-Methylnaphthalene	A	ug/L	10.05916	10.05916		10	0	0	0.0176	0.1	10	101%	20	120	0%	
Acenaphthene	A	ug/L	10.37477	10.37477		10	0	0	0.0317	0.1	10	104%	20	120	0%	
Acenaphthylene	A	ug/L	10.07457	10.07457		10	0	0	0.025	0.1	10	101%	20	120	0%	
Anthracene	A	ug/L	9.9226	9.9226		10	0	0	0.0283	0.1	10	99%	20	120	0%	
Benzo(a)anthracene	A	ug/L	10.03609	10.03609		10	0	0	0.0272	0.1	10	100%	20	120	0%	
Benzo(a)pyrene	A	ug/L	10.03458	10.03458		10	0	0	0.0347	0.1	10	100%	20	120	0%	
Benzo(b)fluoranthene	A	ug/L	9.97493	9.97493		10	0	0	0.0226	0.1	10	100%	20	120	0%	
Benzo(g,h,i)perylene	A	ug/L	10.01537	10.01537		10	0	0	0.0267	0.1	10	100%	20	120	0%	
Benzo(k)fluoranthene	A	ug/L	10.03433	10.03433		10	0	0	0.0295	0.1	10	100%	20	120	0%	
Chrysene	A	ug/L	10.04445	10.04445		10	0	0	0.0458	0.1	10	100%	20	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	10.0075	10.0075		10	0	0	0.0367	0.1	10	100%	20	120	0%	
Fluoranthene	A	ug/L	10.0275	10.0275		10	0	0	0.0233	0.1	10	100%	20	120	0%	
Fluorene	A	ug/L	10.03334	10.03334		10	0	0	0.0225	0.1	10	100%	20	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	9.99662	9.99662		10	0	0	0.0491	0.1	10	100%	20	120	0%	
Naphthalene	A	ug/L	10.10067	10.10067		10	0	0	0.029	0.1	10	101%	20	120	0%	
Phenanthrene	A	ug/L	10.04362	10.04362		10	0	0	0.0295	0.1	10	100%	20	120	0%	
Pyrene	A	ug/L	10.05992	10.05992		10	0	0	0.0239	0.1	10	101%	20	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	10.0306	10.0306		10	0	0	0.0444	0.1	10	100%	20	120	0%	
Nitrobenzene-d5	S	ug/L	9.88418	9.88418		10	0	0	0.0523	0.1	10	99%	20	120	0%	
Terphenyl-d14	S	ug/L	10.05641	10.05641		10	0	0	0.0563	0.1	10	101%	20	120	0%	
o-Terphenyl	X	ug/L	10.04805	10.04805		10	0	0	0.0654	0.1	10	100%	20	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15003994	26-Jan-22_CAL_	SVOC-8270-W-	ICAL	5975.I\sh012622\	11/26/2022 5:50:1	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15003994	26-Jan-22_CAL_	SVOC-8270-W-	ICAL	5975.I\sh012622\	11/26/2022 5:50:1	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	4.80486	4.80486		5	0	0	0.0206	0.1	10	96%	20	120	0%	
2-Methylnaphthalene	A	ug/L	4.83933	4.83933		5	0	0	0.0176	0.1	10	97%	20	120	0%	
Acenaphthene	A	ug/L	4.73205	4.73205		5	0	0	0.0317	0.1	10	95%	20	120	0%	
Acenaphthylene	A	ug/L	4.80644	4.80644		5	0	0	0.025	0.1	10	96%	20	120	0%	
Anthracene	A	ug/L	5.15786	5.15786		5	0	0	0.0283	0.1	10	103%	20	120	0%	
Benzo(a)anthracene	A	ug/L	4.90798	4.90798		5	0	0	0.0272	0.1	10	98%	20	120	0%	
Benzo(a)pyrene	A	ug/L	4.90885	4.90885		5	0	0	0.0347	0.1	10	98%	20	120	0%	
Benzo(b)fluoranthene	A	ug/L	5.07665	5.07665		5	0	0	0.0226	0.1	10	102%	20	120	0%	
Benzo(g,h,i)perylene	A	ug/L	4.96874	4.96874		5	0	0	0.0267	0.1	10	99%	20	120	0%	
Benzo(k)fluoranthene	A	ug/L	4.9027	4.9027		5	0	0	0.0295	0.1	10	98%	20	120	0%	
Chrysene	A	ug/L	4.90211	4.90211		5	0	0	0.0458	0.1	10	98%	20	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	4.98395	4.98395		5	0	0	0.0367	0.1	10	100%	20	120	0%	
Fluoranthene	A	ug/L	4.94217	4.94217		5	0	0	0.0233	0.1	10	99%	20	120	0%	
Fluorene	A	ug/L	4.93947	4.93947		5	0	0	0.0225	0.1	10	99%	20	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	5.01872	5.01872		5	0	0	0.0491	0.1	10	100%	20	120	0%	
Naphthalene	A	ug/L	4.7592	4.7592		5	0	0	0.029	0.1	10	95%	20	120	0%	
Phenanthrene	A	ug/L	4.89592	4.89592		5	0	0	0.0295	0.1	10	98%	20	120	0%	
Pyrene	A	ug/L	4.85513	4.85513		5	0	0	0.0239	0.1	10	97%	20	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	4.9433	4.9433		5	0	0	0.0444	0.1	10	99%	20	120	0%	
Nitrobenzene-d5	S	ug/L	5.38068	5.38068		5	0	0	0.0523	0.1	10	108%	20	120	0%	
Terphenyl-d14	S	ug/L	4.85575	4.85575		5	0	0	0.0563	0.1	10	97%	20	120	0%	
o-Terphenyl	X	ug/L	4.88418	4.88418		5	0	0	0.0654	0.1	10	98%	20	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15003995	26-Jan-22_CAL_	SVOC-8270-W-	ICAL	5975.I\sh012622\	11/26/2022 6:22:3	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15003995	26-Jan-22_CAL_	SVOC-8270-W-	ICAL	5975.I\sh012622\	11/26/2022 6:22:3	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	2.06394	2.06394		2	0	0	0.0206	0.1	10	103%	20	120	0%	
2-Methylnaphthalene	A	ug/L	2.10883	2.10883		2	0	0	0.0176	0.1	10	105%	20	120	0%	
Acenaphthene	A	ug/L	1.87747	1.87747		2	0	0	0.0317	0.1	10	94%	20	120	0%	
Acenaphthylene	A	ug/L	2.03042	2.03042		2	0	0	0.025	0.1	10	102%	20	120	0%	
Anthracene	A	ug/L	1.94076	1.94076		2	0	0	0.0283	0.1	10	97%	20	120	0%	
Benzo(a)anthracene	A	ug/L	1.99705	1.99705		2	0	0	0.0272	0.1	10	100%	20	120	0%	
Benzo(a)pyrene	A	ug/L	1.99348	1.99348		2	0	0	0.0347	0.1	10	100%	20	120	0%	
Benzo(b)fluoranthene	A	ug/L	1.95142	1.95142		2	0	0	0.0226	0.1	10	98%	20	120	0%	
Benzo(g,h,i)perylene	A	ug/L	1.97182	1.97182		2	0	0	0.0267	0.1	10	99%	20	120	0%	
Benzo(k)fluoranthene	A	ug/L	2.03863	2.03863		2	0	0	0.0295	0.1	10	102%	20	120	0%	
Chrysene	A	ug/L	2.00958	2.00958		2	0	0	0.0458	0.1	10	100%	20	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	1.9839	1.9839		2	0	0	0.0367	0.1	10	99%	20	120	0%	
Fluoranthene	A	ug/L	1.98535	1.98535		2	0	0	0.0233	0.1	10	99%	20	120	0%	
Fluorene	A	ug/L	1.95047	1.95047		2	0	0	0.0225	0.1	10	98%	20	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	1.95856	1.95856		2	0	0	0.0491	0.1	10	98%	20	120	0%	
Naphthalene	A	ug/L	2.06847	2.06847		2	0	0	0.029	0.1	10	103%	20	120	0%	
Phenanthrene	A	ug/L	2.00333	2.00333		2	0	0	0.0295	0.1	10	100%	20	120	0%	
Pyrene	A	ug/L	1.99234	1.99234		2	0	0	0.0239	0.1	10	100%	20	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	1.94844	1.94844		2	0	0	0.0444	0.1	10	97%	20	120	0%	
Nitrobenzene-d5	S	ug/L	1.78548	1.78548		2	0	0	0.0523	0.1	10	89%	20	120	0%	
Terphenyl-d14	S	ug/L	2.03502	2.03502		2	0	0	0.0563	0.1	10	102%	20	120	0%	
o-Terphenyl	X	ug/L	2.02832	2.02832		2	0	0	0.0654	0.1	10	101%	20	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15003996	26-Jan-22_CAL_	SVOC-8270-W-	ICAL	5975.I\sh012622\	11/26/2022 6:55:1	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15003996	26-Jan-22_CAL_	SVOC-8270-W-	ICAL	5975.I\sh012622\	11/26/2022 6:55:1	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	1.03933	1.03933		1	0	0	0.0206	0.1	10	104%	20	120	0%	
2-Methylnaphthalene	A	ug/L	0.9978	0.9978		1	0	0	0.0176	0.1	10	100%	20	120	0%	
Acenaphthene	A	ug/L	1.03568	1.03568		1	0	0	0.0317	0.1	10	104%	20	120	0%	
Acenaphthylene	A	ug/L	1.08951	1.08951		1	0	0	0.025	0.1	10	109%	20	120	0%	
Anthracene	A	ug/L	0.96919	0.96919		1	0	0	0.0283	0.1	10	97%	20	120	0%	
Benzo(a)anthracene	A	ug/L	1.05908	1.05908		1	0	0	0.0272	0.1	10	106%	20	120	0%	
Benzo(a)pyrene	A	ug/L	1.06256	1.06256		1	0	0	0.0347	0.1	10	106%	20	120	0%	
Benzo(b)fluoranthene	A	ug/L	1.01991	1.01991		1	0	0	0.0226	0.1	10	102%	20	120	0%	
Benzo(g,h,i)perylene	A	ug/L	1.03988	1.03988		1	0	0	0.0267	0.1	10	104%	20	120	0%	
Benzo(k)fluoranthene	A	ug/L	1.07251	1.07251		1	0	0	0.0295	0.1	10	107%	20	120	0%	
Chrysene	A	ug/L	1.02318	1.02318		1	0	0	0.0458	0.1	10	102%	20	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	1.02766	1.02766		1	0	0	0.0367	0.1	10	103%	20	120	0%	
Fluoranthene	A	ug/L	1.01999	1.01999		1	0	0	0.0233	0.1	10	102%	20	120	0%	
Fluorene	A	ug/L	1.07247	1.07247		1	0	0	0.0225	0.1	10	107%	20	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	1.02192	1.02192		1	0	0	0.0491	0.1	10	102%	20	120	0%	
Naphthalene	A	ug/L	1.07158	1.07158		1	0	0	0.029	0.1	10	107%	20	120	0%	
Phenanthrene	A	ug/L	1.03745	1.03745		1	0	0	0.0295	0.1	10	104%	20	120	0%	
Pyrene	A	ug/L	1.07737	1.07737		1	0	0	0.0239	0.1	10	108%	20	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	1.05985	1.05985		1	0	0	0.0444	0.1	10	106%	20	120	0%	
Nitrobenzene-d5	S	ug/L	0.90151	0.90151		1	0	0	0.0523	0.1	10	90%	20	120	0%	
Terphenyl-d14	S	ug/L	1.04142	1.04142		1	0	0	0.0563	0.1	10	104%	20	120	0%	
o-Terphenyl	X	ug/L	1.0184	1.0184		1	0	0	0.0654	0.1	10	102%	20	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15003997	26-Jan-22_CAL_	SVOC-8270-W-	ICAL	5975.I\sh012622\	11/26/2022 7:27:4	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15003997	26-Jan-22_CAL_	SVOC-8270-W-	ICAL	5975.I\sh012622\	11/26/2022 7:27:4	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0.51515	0.51515		0.5	0	0	0.0206	0.1	10	103%	20	120	0%	
2-Methylnaphthalene	A	ug/L	0.49543	0.49543		0.5	0	0	0.0176	0.1	10	99%	20	120	0%	
Acenaphthene	A	ug/L	0.51063	0.51063		0.5	0	0	0.0317	0.1	10	102%	20	120	0%	
Acenaphthylene	A	ug/L	0.51104	0.51104		0.5	0	0	0.025	0.1	10	102%	20	120	0%	
Anthracene	A	ug/L	0.49371	0.49371		0.5	0	0	0.0283	0.1	10	99%	20	120	0%	
Benzo(a)anthracene	A	ug/L	0.50478	0.50478		0.5	0	0	0.0272	0.1	10	101%	20	120	0%	
Benzo(a)pyrene	A	ug/L	0.512	0.512		0.5	0	0	0.0347	0.1	10	102%	20	120	0%	
Benzo(b)fluoranthene	A	ug/L	0.46183	0.46183		0.5	0	0	0.0226	0.1	10	92%	20	120	0%	
Benzo(g,h,i)perylene	A	ug/L	0.50804	0.50804		0.5	0	0	0.0267	0.1	10	102%	20	120	0%	
Benzo(k)fluoranthene	A	ug/L	0.44829	0.44829		0.5	0	0	0.0295	0.1	10	90%	20	120	0%	
Chrysene	A	ug/L	0.5307	0.5307		0.5	0	0	0.0458	0.1	10	106%	20	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	0.51284	0.51284		0.5	0	0	0.0367	0.1	10	103%	20	120	0%	
Fluoranthene	A	ug/L	0.53004	0.53004		0.5	0	0	0.0233	0.1	10	106%	20	120	0%	
Fluorene	A	ug/L	0.51188	0.51188		0.5	0	0	0.0225	0.1	10	102%	20	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	0.50136	0.50136		0.5	0	0	0.0491	0.1	10	100%	20	120	0%	
Naphthalene	A	ug/L	0.51408	0.51408		0.5	0	0	0.029	0.1	10	103%	20	120	0%	
Phenanthrene	A	ug/L	0.53088	0.53088		0.5	0	0	0.0295	0.1	10	106%	20	120	0%	
Pyrene	A	ug/L	0.53505	0.53505		0.5	0	0	0.0239	0.1	10	107%	20	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	0.52295	0.52295		0.5	0	0	0.0444	0.1	10	105%	20	120	0%	
Nitrobenzene-d5	S	ug/L	0.50805	0.50805		0.5	0	0	0.0523	0.1	10	102%	20	120	0%	
Terphenyl-d14	S	ug/L	0.52927	0.52927		0.5	0	0	0.0563	0.1	10	106%	20	120	0%	
o-Terphenyl	X	ug/L	0.52319	0.52319		0.5	0	0	0.0654	0.1	10	105%	20	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15003998	26-Jan-22_CAL_	SVOC-8270-W-	ICAL	5975.I\sh012622\	11/26/2022 8:00:1	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q



Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15003998	26-Jan-22_CAL_	SVOC-8270-W-	ICAL	5975.I\sh012622\	11/26/2022 8:00:1	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0.21099	0.21099		0.2	0	0	0.0206	0.1	10	105%	20	120	0%	
2-Methylnaphthalene	A	ug/L	0.2023	0.2023		0.2	0	0	0.0176	0.1	10	101%	20	120	0%	
Acenaphthene	A	ug/L	0.21016	0.21016		0.2	0	0	0.0317	0.1	10	105%	20	120	0%	
Acenaphthylene	A	ug/L	0.19711	0.19711		0.2	0	0	0.025	0.1	10	99%	20	120	0%	
Anthracene	A	ug/L	0.214	0.214		0.2	0	0	0.0283	0.1	10	107%	20	120	0%	
Benzo(a)anthracene	A	ug/L	0.20286	0.20286		0.2	0	0	0.0272	0.1	10	101%	20	120	0%	
Benzo(a)pyrene	A	ug/L	0.1952	0.1952		0.2	0	0	0.0347	0.1	10	98%	20	120	0%	
Benzo(b)fluoranthene	A	ug/L	0.21239	0.21239		0.2	0	0	0.0226	0.1	10	106%	20	120	0%	
Benzo(g,h,i)perylene	A	ug/L	0.20034	0.20034		0.2	0	0	0.0267	0.1	10	100%	20	120	0%	
Benzo(k)fluoranthene	A	ug/L	0.20185	0.20185		0.2	0	0	0.0295	0.1	10	101%	20	120	0%	
Chrysene	A	ug/L	0.19499	0.19499		0.2	0	0	0.0458	0.1	10	97%	20	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	0.17714	0.17714		0.2	0	0	0.0367	0.1	10	89%	20	120	0%	
Fluoranthene	A	ug/L	0.20277	0.20277		0.2	0	0	0.0233	0.1	10	101%	20	120	0%	
Fluorene	A	ug/L	0.19744	0.19744		0.2	0	0	0.0225	0.1	10	99%	20	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	0.20692	0.20692		0.2	0	0	0.0491	0.1	10	103%	20	120	0%	
Naphthalene	A	ug/L	0.19154	0.19154		0.2	0	0	0.029	0.1	10	96%	20	120	0%	
Phenanthrene	A	ug/L	0.19502	0.19502		0.2	0	0	0.0295	0.1	10	98%	20	120	0%	
Pyrene	A	ug/L	0.18584	0.18584		0.2	0	0	0.0239	0.1	10	93%	20	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	0.20411	0.20411		0.2	0	0	0.0444	0.1	10	102%	20	120	0%	
Nitrobenzene-d5	S	ug/L	0.19749	0.19749		0.2	0	0	0.0523	0.1	10	99%	20	120	0%	
Terphenyl-d14	S	ug/L	0.18373	0.18373		0.2	0	0	0.0563	0.1	10	92%	20	120	0%	
o-Terphenyl	X	ug/L	0.20787	0.20787		0.2	0	0	0.0654	0.1	10	104%	20	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15003999	26-Jan-22_CAL_	SVOC-8270-W-	ICAL	5975.I\sh012622\	11/26/2022 8:32:5	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15003999	26-Jan-22_CAL_	SVOC-8270-W-	ICAL	5975.I\sh012622\	11/26/2022 8:32:5	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0.08746	0.08746		0.1	0	0	0.0206	0.1	10	87%	20	120	0%	
2-Methylnaphthalene	A	ug/L	0.09716	0.09716		0.1	0	0	0.0176	0.1	10	97%	20	120	0%	
Acenaphthene	A	ug/L	0.09705	0.09705		0.1	0	0	0.0317	0.1	10	97%	20	120	0%	
Acenaphthylene	A	ug/L	0.09187	0.09187		0.1	0	0	0.025	0.1	10	92%	20	120	0%	
Anthracene	A	ug/L	0.09792	0.09792		0.1	0	0	0.0283	0.1	10	98%	20	120	0%	
Benzo(a)anthracene	A	ug/L	0.09332	0.09332		0.1	0	0	0.0272	0.1	10	93%	20	120	0%	
Benzo(a)pyrene	A	ug/L	0.09552	0.09552		0.1	0	0	0.0347	0.1	10	96%	20	120	0%	
Benzo(b)fluoranthene	A	ug/L	0.10059	0.10059		0.1	0	0	0.0226	0.1	10	101%	20	120	0%	
Benzo(g,h,i)perylene	A	ug/L	0.09611	0.09611		0.1	0	0	0.0267	0.1	10	96%	20	120	0%	
Benzo(k)fluoranthene	A	ug/L	0.10183	0.10183		0.1	0	0	0.0295	0.1	10	102%	20	120	0%	
Chrysene	A	ug/L	0.09508	0.09508		0.1	0	0	0.0458	0.1	10	95%	20	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	0.10714	0.10714		0.1	0	0	0.0367	0.1	10	107%	20	120	0%	
Fluoranthene	A	ug/L	0.09222	0.09222		0.1	0	0	0.0233	0.1	10	92%	20	120	0%	
Fluorene	A	ug/L	0.09501	0.09501		0.1	0	0	0.0225	0.1	10	95%	20	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	0.0958	0.0958		0.1	0	0	0.0491	0.1	10	96%	20	120	0%	
Naphthalene	A	ug/L	0.09464	0.09464		0.1	0	0	0.029	0.1	10	95%	20	120	0%	
Phenanthrene	A	ug/L	0.09404	0.09404		0.1	0	0	0.0295	0.1	10	94%	20	120	0%	
Pyrene	A	ug/L	0.095	0.095		0.1	0	0	0.0239	0.1	10	95%	20	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	0.09077	0.09077		0.1	0	0	0.0444	0.1	10	91%	20	120	0%	
Nitrobenzene-d5	S	ug/L	0.11373	0.11373		0.1	0	0	0.0523	0.1	10	114%	20	120	0%	
Terphenyl-d14	S	ug/L	0.0987	0.0987		0.1	0	0	0.0563	0.1	10	99%	20	120	0%	
o-Terphenyl	X	ug/L	0.09	0.09		0.1	0	0	0.0654	0.1	10	90%	20	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004000	26-Jan-22_CCV	SVOC-8270-W-	ICV	5975.I\sh012622\	11/26/2022 9:05:2	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004000	26-Jan-22_CCV	SVOC-8270-W-	ICV	5975.I\sh012622\11/26/2022	9:05:2	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	2.21265	2.21265		2	0	0	0.0206	0.1	10	111%	80	120	0%	
2-Methylnaphthalene	A	ug/L	2.33456	2.33456		2	0	0	0.0176	0.1	10	117%	80	120	0%	
Acenaphthene	A	ug/L	2.29804	2.29804		2	0	0	0.0317	0.1	10	115%	80	120	0%	
Acenaphthylene	A	ug/L	2.15764	2.15764		2	0	0	0.025	0.1	10	108%	80	120	0%	
Anthracene	A	ug/L	2.32964	2.32964		2	0	0	0.0283	0.1	10	116%	80	120	0%	
Benzo(a)anthracene	A	ug/L	2.38462	2.38462		2	0	0	0.0272	0.1	10	119%	80	120	0%	
Benzo(a)pyrene	A	ug/L	2.18496	2.18496		2	0	0	0.0347	0.1	10	109%	80	120	0%	
Benzo(b)fluoranthene	A	ug/L	2.36483	2.36483		2	0	0	0.0226	0.1	10	118%	80	120	0%	
Benzo(g,h,i)perylene	A	ug/L	2.28569	2.28569		2	0	0	0.0267	0.1	10	114%	80	120	0%	
Benzo(k)fluoranthene	A	ug/L	2.16565	2.16565		2	0	0	0.0295	0.1	10	108%	80	120	0%	
Chrysene	A	ug/L	2.27118	2.27118		2	0	0	0.0458	0.1	10	114%	80	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	2.33442	2.33442		2	0	0	0.0367	0.1	10	117%	80	120	0%	
Fluoranthene	A	ug/L	2.23834	2.23834		2	0	0	0.0233	0.1	10	112%	80	120	0%	
Fluorene	A	ug/L	2.16324	2.16324		2	0	0	0.0225	0.1	10	108%	80	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	2.16975	2.16975		2	0	0	0.0491	0.1	10	108%	80	120	0%	
Naphthalene	A	ug/L	2.1673	2.1673		2	0	0	0.029	0.1	10	108%	80	120	0%	
Phenanthrene	A	ug/L	2.29047	2.29047		2	0	0	0.0295	0.1	10	115%	80	120	0%	
Pyrene	A	ug/L	2.18961	2.18961		2	0	0	0.0239	0.1	10	109%	80	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	2.09101	2.09101		2	0	0	0.0444	0.1	10	105%	80	120	0%	
Nitrobenzene-d5	S	ug/L	2.28544	2.28544		2	0	0	0.0523	0.1	10	114%	80	120	0%	
Terphenyl-d14	S	ug/L	2.15995	2.15995		2	0	0	0.0563	0.1	10	108%	80	120	0%	
o-Terphenyl	X	ug/L	2.30888	2.30888		2	0	0	0.0654	0.1	10	115%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004001	26-Jan-22_CCV	SVOC-8270C-SI	ICV	5975.I\sh012622\11/26/2022	9:05:2	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004001	26-Jan-22_CCV	SVOC-8270C-SI ICV		5975.I\sh012622\11/26/2022	9:05:2	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	2.21265	2.21265		2	0	0	0.0206	0.1	10	111%	80	120	0%	
2-Methylnaphthalene	A	ug/L	2.33456	2.33456		2	0	0	0.0176	0.1	10	117%	80	120	0%	
Acenaphthene	A	ug/L	2.29804	2.29804		2	0	0	0.0317	0.1	10	115%	80	120	0%	
Acenaphthylene	A	ug/L	2.15764	2.15764		2	0	0	0.025	0.1	10	108%	80	120	0%	
Anthracene	A	ug/L	2.32964	2.32964		2	0	0	0.0283	0.1	10	116%	80	120	0%	
Benzo(a)anthracene	A	ug/L	2.38462	2.38462		2	0	0	0.0272	0.1	10	119%	80	120	0%	
Benzo(a)pyrene	A	ug/L	2.18496	2.18496		2	0	0	0.0347	0.1	10	109%	80	120	0%	
Benzo(b)fluoranthene	A	ug/L	2.36483	2.36483		2	0	0	0.0226	0.1	10	118%	80	120	0%	
Benzo(g,h,i)perylene	A	ug/L	2.28569	2.28569		2	0	0	0.0267	0.1	10	114%	80	120	0%	
Benzo(k)fluoranthene	A	ug/L	2.16565	2.16565		2	0	0	0.0295	0.1	10	108%	80	120	0%	
Chrysene	A	ug/L	2.27118	2.27118		2	0	0	0.0458	0.1	10	114%	80	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	2.33442	2.33442		2	0	0	0.0367	0.1	10	117%	80	120	0%	
Fluoranthene	A	ug/L	2.23834	2.23834		2	0	0	0.0233	0.1	10	112%	80	120	0%	
Fluorene	A	ug/L	2.16324	2.16324		2	0	0	0.0225	0.1	10	108%	80	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	2.16975	2.16975		2	0	0	0.0491	0.1	10	108%	80	120	0%	
Naphthalene	A	ug/L	2.1673	2.1673		2	0	0	0.029	0.1	10	108%	80	120	0%	
Phenanthrene	A	ug/L	2.29047	2.29047		2	0	0	0.0295	0.1	10	115%	80	120	0%	
Pyrene	A	ug/L	2.18961	2.18961		2	0	0	0.0239	0.1	10	109%	80	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%			0%	
2-Fluorobiphenyl	S	ug/L	2.09101	2.09101		2	0	0	0.0444	0.1	10	105%	80	120	0%	
Nitrobenzene-d5	S	ug/L	2.28544	2.28544		2	0	0	0.0523	0.1	10	114%	80	120	0%	
Terphenyl-d14	S	ug/L	2.15995	2.15995		2	0	0	0.0563	0.1	10	108%	80	120	0%	
o-Terphenyl	X	ug/L	2.30888	2.30888		2	0	0	0.0654	0	0	115%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004002	26-Jan-22_ISTB	SVOC-8270C-SI SAMP		5975.I\sh012622\11/26/2022	9:37:5	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004002	26-Jan-22_ISTB	SVOC-8270C-SI SAMP		5975.I\sh012622\11/26/2022	9:37:5	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0206	0.1	10	0%	0	0	0%	
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0176	0.1	10	0%	0	0	0%	
Acenaphthene	A	ug/L	0	0		0	0	0	0.0317	0.1	10	0%	0	0	0%	
Acenaphthylene	A	ug/L	0	0		0	0	0	0.025	0.1	10	0%	0	0	0%	
Anthracene	A	ug/L	0	0		0	0	0	0.0283	0.1	10	0%	0	0	0%	
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0272	0.1	10	0%	0	0	0%	
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0347	0.1	10	0%	0	0	0%	
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0226	0.1	10	0%	0	0	0%	
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0267	0.1	10	0%	0	0	0%	
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	
Chrysene	A	ug/L	0	0		0	0	0	0.0458	0.1	10	0%	0	0	0%	
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0367	0.1	10	0%	0	0	0%	
Fluoranthene	A	ug/L	0	0		0	0	0	0.0233	0.1	10	0%	0	0	0%	
Fluorene	A	ug/L	0	0		0	0	0	0.0225	0.1	10	0%	0	0	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0491	0.1	10	0%	0	0	0%	
Naphthalene	A	ug/L	0	0		0	0	0	0.029	0.1	10	0%	0	0	0%	
Phenanthrene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	
Pyrene	A	ug/L	0	0		0	0	0	0.0239	0.1	10	0%	0	0	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%	0	0	0%	E
2-Fluorobiphenyl	S	ug/L	0	0		5	0	0	0.0444	0.1	10	0%	25	94	0%	S
Nitrobenzene-d5	S	ug/L	0	0		5	0	0	0.0523	0.1	10	0%	19	102	0%	S
Terphenyl-d14	S	ug/L	0	0		5	0	0	0.0563	0.1	10	0%	39	106	0%	S
o-Terphenyl	X	ug/L	0	0		200	0	0	0.0654	0	0	0%	40	140	0%	S

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004049	B22010759-001	SVOC-8270C-SI MS-DOD		5975.I\sh012622\11/26/2022	10:10:	20	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004049	B22010759-001	SVOC-8270C-SI	MS-DOD	5975.I\sh012622\	11/26/2022 10:10:	20	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
2-Fluorobiphenyl	S	ug/L	3.32472	65.164512		98	0	0	0.87024	1.96	10	66%	53	106	0%	
Nitrobenzene-d5	S	ug/L	3.22095	63.13062		98	0	0	1.02508	1.96	10	64%	55	111	0%	
Terphenyl-d14	S	ug/L	5.13423	100.630908		98	0	0	1.10348	1.96	10	103%	58	132	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004050	B22010759-001	SVOC-8270C-SI	MS-DOD	5975.I\sh012622\	11/26/2022 10:42:	20	162956	1/14/2022 2:	0	2E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
2-Fluorobiphenyl	S	ug/L	3.30784	64.2382528		97.1	0	0	0.862248	1.942	10	66%	53	106	0%	
Nitrobenzene-d5	S	ug/L	3.90871	75.9071482		97.1	0	0	1.015666	1.942	10	78%	55	111	0%	
Terphenyl-d14	S	ug/L	4.63861	90.0818062		97.1	0	0	1.093346	1.942	10	93%	58	132	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004053	MB-163072	SVOC-8270C-SI	MBLK	5975.I\sh012622\	11/27/2022 12:20:	1	163072	1/19/2022 3:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0206	0.1	10	0%			0%	
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0176	0.1	10	0%			0%	
Acenaphthene	A	ug/L	0	0		0	0	0	0.0317	0.1	10	0%			0%	
Acenaphthylene	A	ug/L	0	0		0	0	0	0.025	0.1	10	0%			0%	
Anthracene	A	ug/L	0	0		0	0	0	0.0283	0.1	10	0%			0%	
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0272	0.1	10	0%			0%	
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0347	0.1	10	0%			0%	
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0226	0.1	10	0%			0%	
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0267	0.1	10	0%			0%	
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%			0%	
Chrysene	A	ug/L	0	0		0	0	0	0.0458	0.1	10	0%			0%	
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0367	0.1	10	0%			0%	
Fluoranthene	A	ug/L	0	0		0	0	0	0.0233	0.1	10	0%			0%	
Fluorene	A	ug/L	0	0		0	0	0	0.0225	0.1	10	0%			0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0491	0.1	10	0%			0%	
Naphthalene	A	ug/L	0	0		0	0	0	0.029	0.1	10	0%			0%	
Phenanthrene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%			0%	
Pyrene	A	ug/L	0	0		0	0	0	0.0239	0.1	10	0%			0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004053	MB-163072	SVOC-8270C-SI MBLK		5975.I\sh012622	11/27/2022 12:20:	1	163072	1/19/2022 3:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%				0%
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%				0%
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%				0%
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%				0%
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%				0%
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%				0%
2-Fluorobiphenyl	S	ug/L	58.16177	58.16177		100	0	0	0.0444	0.1	10	58%	25	94		0%
Nitrobenzene-d5	S	ug/L	47.05015	47.05015		100	0	0	0.0523	0.1	10	47%	19	102		0%
Terphenyl-d14	S	ug/L	79.27763	79.27763		100	0	0	0.0563	0.1	10	79%	39	106		0%
o-Terphenyl	X	ug/L	0	0		200	0	0	0.0654	0	0	0%	40	140		0% S

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004054	LLCS-163072	SVOC-8270C-SI LCS-DOD		5975.I\sh012622	11/27/2022 12:52:	1	163072	1/19/2022 3:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	2.57435	2.57435		5	0	0	0.0206	0.1	10	51%	41	115		0%
2-Methylnaphthalene	A	ug/L	2.56925	2.56925		5	0	0	0.0176	0.1	10	51%	39	114		0%
Acenaphthene	A	ug/L	3.37448	3.37448		5	0	0	0.0317	0.1	10	67%	48	114		0%
Acenaphthylene	A	ug/L	3.48608	3.48608		5	0	0	0.025	0.1	10	70%	35	121		0%
Anthracene	A	ug/L	5.10755	5.10755		5	0	0	0.0283	0.1	10	102%	53	119		0%
Benzo(a)anthracene	A	ug/L	5.78572	5.78572		5	0	0	0.0272	0.1	10	116%	59	120		0%
Benzo(a)pyrene	A	ug/L	5.28032	5.28032		5	0	0	0.0347	0.1	10	106%	53	120		0%
Benzo(b)fluoranthene	A	ug/L	5.31632	5.31632		5	0	0	0.0226	0.1	10	106%	53	126		0%
Benzo(g,h,i)perylene	A	ug/L	5.29839	5.29839		5	0	0	0.0267	0.1	10	106%	44	128		0%
Benzo(k)fluoranthene	A	ug/L	4.86223	4.86223		5	0	0	0.0295	0.1	10	97%	54	125		0%
Chrysene	A	ug/L	5.4542	5.4542		5	0	0	0.0458	0.1	10	109%	57	120		0%
Dibenzo(a,h)anthracene	A	ug/L	5.6959	5.6959		5	0	0	0.0367	0.1	10	114%	44	141		0%
Fluoranthene	A	ug/L	5.20065	5.20065		5	0	0	0.0233	0.1	10	104%	58	120		0%
Fluorene	A	ug/L	3.46548	3.46548		5	0	0	0.0225	0.1	10	69%	50	118		0%
Indeno(1,2,3-cd)pyrene	A	ug/L	5.42612	5.42612		5	0	0	0.0491	0.1	10	109%	48	130		0%
Naphthalene	A	ug/L	2.53756	2.53756		5	0	0	0.029	0.1	10	51%	43	114		0%
Phenanthrene	A	ug/L	4.5253	4.5253		5	0	0	0.0295	0.1	10	91%	53	115		0%
Pyrene	A	ug/L	5.15299	5.15299		5	0	0	0.0239	0.1	10	103%	53	121		0%
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%				0%
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%				0%

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004054	LLCS-163072	SVOC-8270C-SI	LCS-DOD	5975.I\sh012622\	11/27/2022 12:52:	1	163072	1/19/2022 3:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%				0%
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%				0%
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%				0%
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%				0%
2-Fluorobiphenyl	S	ug/L	3.79523	3.79523		5	0	0	0.0444	0.1	10	76%	53	106		0%
Nitrobenzene-d5	S	ug/L	4.64249	4.64249		5	0	0	0.0523	0.1	10	93%	55	111		0%
Terphenyl-d14	S	ug/L	5.64143	5.64143		5	0	0	0.0563	0.1	10	113%	58	132		0%
o-Terphenyl	X	ug/L	4.65436	4.65436		5	0	0	0.0654	0	0	93%	40	140		0%

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004055	LLCSD-163072	SVOC-8270C-SI	LCSD-DOD	5975.I\sh012622\	11/27/2022 1:25:1	1	163072	1/19/2022 3:	0	2E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	2.74459	2.74459		5	0	2.57435	0.0206	0.1	10	55%	41	115		6%
2-Methylnaphthalene	A	ug/L	2.82642	2.82642		5	0	2.56925	0.0176	0.1	10	57%	39	114		10%
Acenaphthene	A	ug/L	3.55217	3.55217		5	0	3.37448	0.0317	0.1	10	71%	48	114		5%
Acenaphthylene	A	ug/L	3.72266	3.72266		5	0	3.48608	0.025	0.1	10	74%	35	121		7%
Anthracene	A	ug/L	5.33776	5.33776		5	0	5.10755	0.0283	0.1	10	107%	53	119		4%
Benzo(a)anthracene	A	ug/L	5.76361	5.76361		5	0	5.78572	0.0272	0.1	10	115%	59	120		0%
Benzo(a)pyrene	A	ug/L	4.98876	4.98876		5	0	5.28032	0.0347	0.1	10	100%	53	120		6%
Benzo(b)fluoranthene	A	ug/L	5.12426	5.12426		5	0	5.31632	0.0226	0.1	10	102%	53	126		4%
Benzo(g,h,i)perylene	A	ug/L	5.26089	5.26089		5	0	5.29839	0.0267	0.1	10	105%	44	128		1%
Benzo(k)fluoranthene	A	ug/L	4.67392	4.67392		5	0	4.86223	0.0295	0.1	10	93%	54	125		4%
Chrysene	A	ug/L	5.42792	5.42792		5	0	5.4542	0.0458	0.1	10	109%	57	120		0%
Dibenzo(a,h)anthracene	A	ug/L	5.49969	5.49969		5	0	5.6959	0.0367	0.1	10	110%	44	141		4%
Fluoranthene	A	ug/L	5.36486	5.36486		5	0	5.20065	0.0233	0.1	10	107%	58	120		3%
Fluorene	A	ug/L	3.81396	3.81396		5	0	3.46548	0.0225	0.1	10	76%	50	118		10%
Indeno(1,2,3-cd)pyrene	A	ug/L	5.18867	5.18867		5	0	5.42612	0.0491	0.1	10	104%	48	130		4%
Naphthalene	A	ug/L	2.52861	2.52861		5	0	2.53756	0.029	0.1	10	51%	43	114		0%
Phenanthrene	A	ug/L	4.78764	4.78764		5	0	4.5253	0.0295	0.1	10	96%	53	115		6%
Pyrene	A	ug/L	5.21631	5.21631		5	0	5.15299	0.0239	0.1	10	104%	53	121		1%
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%				0%
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%				0%
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%				0%
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%				0%



Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004055	LLCSD-163072	SVOC-8270C-SI	LCSD-DOD	5975.I\sh012622\	11/27/2022 1:25:1	1	163072	1/19/2022 3:	0	2E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%			0%	
2-Fluorobiphenyl	S	ug/L	3.67805	3.67805		5	0	0	0.0444	0.1	10	74%	53	106	0%	
Nitrobenzene-d5	S	ug/L	4.64422	4.64422		5	0	0	0.0523	0.1	10	93%	55	111	0%	
Terphenyl-d14	S	ug/L	5.53041	5.53041		5	0	0	0.0563	0.1	10	111%	58	132	0%	
o-Terphenyl	X	ug/L	4.84082	4.84082		5	0	4.65436	0.0654	0	0	97%	40	140	4%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004056	B22011124-001	SVOC-8270C-SI	SAMP	5975.I\sh012622\	11/27/2022 1:57:2	1	163072	1/20/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.021012	0.102	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.017952	0.102	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.032334	0.102	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.0255	0.102	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.028866	0.102	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.027744	0.102	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.035394	0.102	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.023052	0.102	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.027234	0.102	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.03009	0.102	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.046716	0.102	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.037434	0.102	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.023766	0.102	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.02295	0.102	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.050082	0.102	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.02958	0.102	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.03009	0.102	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.024378	0.102	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	40.8		0	0	0	0.102	0.102		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	40.8		0	0	0	0.102	0.102		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	40.8		0	0	0	0.102	0.102		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	40.8		0	0	0	0.102	0.102		0%	0	0	0%	
Perylene-d12	I	ug/L	40	40.8		0	0	0	0.102	0.102		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	40.8		0	0	0	0.102	0.102	10	0%	0	0	0%	E

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004056	B22011124-001	SVOC-8270C-SI SAMP		5975.I\sh012622\11/27/2022	1:57:2	1	163072	1/20/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
o-Terphenyl	X	ug/L	0	0		0	0	0	0.066708	0	0	0%	40	140	0%	U
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004057	B22011125-001	SVOC-8270C-SI SAMP		5975.I\sh012622\11/27/2022	2:29:5	1	163072	1/19/2022 3:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0200026	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0170896	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.0307807	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.024275	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0274793	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0264112	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0336937	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0219446	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0259257	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.0286445	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.0444718	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0356357	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.0226243	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.0218475	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0476761	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.028159	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.0286445	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.0232069	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	38.84		0	0	0	0.0971	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	38.84		0	0	0	0.0971	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	38.84		0	0	0	0.0971	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	38.84		0	0	0	0.0971	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	38.84		0	0	0	0.0971	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	38.84		0	0	0	0.0971	0.1	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0	0		0	0	0	0.0635034	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004058	B22011126-001	SVOC-8270C-SI SAMP		5975.I\sh012622\11/27/2022 3:02:1		1	163072	1/20/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0198172	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0169312	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.0304954	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.02405	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0272246	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0261664	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0333814	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0217412	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0256854	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.028379	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.0440596	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0353054	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.0224146	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.021645	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0472342	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.027898	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.028379	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.0229918	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	38.48		0	0	0	0.0962	0.1	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0	0		0	0	0	0.0629148	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004059	B22011127-001	SVOC-8270C-SI SAMP		5975.I\sh012622\11/27/2022 3:34:5		1	163072	1/20/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0198172	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0169312	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.0304954	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.02405	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0272246	0.1	10	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004059	B22011127-001	SVOC-8270C-SI SAMP		5975.I\sh012622\11/27/2022 3:34:5		1	163072	1/20/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0261664	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0333814	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0217412	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0256854	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.028379	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.0440596	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0353054	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.0224146	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.021645	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0472342	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.027898	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.028379	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.0229918	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	38.48		0	0	0	0.0962	0.1	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0	0		0	0	0	0.0629148	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004060	B22011128-001	SVOC-8270C-SI SAMP		5975.I\sh012622\11/27/2022 4:07:1		1	163072	1/19/2022 3:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.020188	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.017248	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.031066	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.0245	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.027734	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.026656	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.034006	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.022148	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.026166	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.02891	0.1	10	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004060	B22011128-001	SVOC-8270C-SI SAMP		5975.I\sh012622\11/27/2022	4:07:1	1	163072	1/19/2022 3:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chrysene	A	ug/L	0	0		0	0	0	0.044884	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.035966	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.022834	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.02205	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.048118	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.02842	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.02891	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.023422	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	39.2		0	0	0	0.098	0.1	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0	0		0	0	0	0.064092	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004061	B22011129-001	SVOC-8270C-SI SAMP		5975.I\sh012622\11/27/2022	4:39:3	1	163072	1/19/2022 3:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0198172	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0169312	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.0304954	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.02405	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0272246	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0261664	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0333814	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0217412	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0256854	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.028379	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.0440596	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0353054	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.0224146	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.021645	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0472342	0.1	10	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004061	B22011129-001	SVOC-8270C-SI SAMP		5975.I\sh012622\11/27/2022	4:39:3	1	163072	1/19/2022 3:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Naphthalene	A	ug/L	0	0		0	0	0	0.027898	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.028379	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.0229918	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	38.48		0	0	0	0.0962	0.1	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0	0		0	0	0	0.0629148	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004062	26-Jan-22_CC	SVOC-8270C-SI CCV		5975.I\sh012622\11/27/2022	5:11:5	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	2.21958	2.21958		2	0	0	0.0206	0.1	10	111%	50	150	0%	
2-Methylnaphthalene	A	ug/L	2.26757	2.26757		2	0	0	0.0176	0.1	10	113%	50	150	0%	
Acenaphthene	A	ug/L	1.98007	1.98007		2	0	0	0.0317	0.1	10	99%	50	150	0%	
Acenaphthylene	A	ug/L	2.11187	2.11187		2	0	0	0.025	0.1	10	106%	50	150	0%	
Anthracene	A	ug/L	2.15933	2.15933		2	0	0	0.0283	0.1	10	108%	50	150	0%	
Benzo(a)anthracene	A	ug/L	2.33071	2.33071		2	0	0	0.0272	0.1	10	117%	50	150	0%	
Benzo(a)pyrene	A	ug/L	2.18907	2.18907		2	0	0	0.0347	0.1	10	109%	50	150	0%	
Benzo(b)fluoranthene	A	ug/L	2.31793	2.31793		2	0	0	0.0226	0.1	10	116%	50	150	0%	
Benzo(g,h,i)perylene	A	ug/L	2.18932	2.18932		2	0	0	0.0267	0.1	10	109%	50	150	0%	
Benzo(k)fluoranthene	A	ug/L	2.10424	2.10424		2	0	0	0.0295	0.1	10	105%	50	150	0%	
Chrysene	A	ug/L	2.15761	2.15761		2	0	0	0.0458	0.1	10	108%	50	150	0%	
Dibenzo(a,h)anthracene	A	ug/L	2.26361	2.26361		2	0	0	0.0367	0.1	10	113%	50	150	0%	
Fluoranthene	A	ug/L	2.20669	2.20669		2	0	0	0.0233	0.1	10	110%	50	150	0%	
Fluorene	A	ug/L	2.08433	2.08433		2	0	0	0.0225	0.1	10	104%	50	150	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	2.43373	2.43373		2	0	0	0.0491	0.1	10	122%	50	150	0%	
Naphthalene	A	ug/L	2.2855	2.2855		2	0	0	0.029	0.1	10	114%	50	150	0%	
Phenanthrene	A	ug/L	2.18103	2.18103		2	0	0	0.0295	0.1	10	109%	50	150	0%	
Pyrene	A	ug/L	2.23724	2.23724		2	0	0	0.0239	0.1	10	112%	50	150	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%	50	150	0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15004062	26-Jan-22_CC	SVOC-8270C-SI	CCV	5975.I\sh012622\	11/27/2022 5:11:5	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	50	150	0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%	50	150	0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	50	150	0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%	50	150	0%	
2-Fluorobiphenyl	S	ug/L	2.06597	2.06597		2	0	0	0.0444	0.1	10	103%	50	150	0%	
Nitrobenzene-d5	S	ug/L	2.78024	2.78024		2	0	0	0.0523	0.1	10	139%	50	150	0%	
Terphenyl-d14	S	ug/L	2.2168	2.2168		2	0	0	0.0563	0.1	10	111%	50	150	0%	
o-Terphenyl	X	ug/L	2.12932	2.12932		2	0	0	0.0654	0	0	106%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15017141	26-Jan-22_CC	SVOC-8270-W-	CCV	5975.I\sh012622\	11/26/2022 9:05:2	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	2.21265	2.21265		2	0	0	0.0206	0.1	10	111%	80	120	0%	
2-Methylnaphthalene	A	ug/L	2.33456	2.33456		2	0	0	0.0176	0.1	10	117%	80	120	0%	
Acenaphthene	A	ug/L	2.29804	2.29804		2	0	0	0.0317	0.1	10	115%	80	120	0%	
Acenaphthylene	A	ug/L	2.15764	2.15764		2	0	0	0.025	0.1	10	108%	80	120	0%	
Anthracene	A	ug/L	2.32964	2.32964		2	0	0	0.0283	0.1	10	116%	80	120	0%	
Benzo(a)anthracene	A	ug/L	2.38462	2.38462		2	0	0	0.0272	0.1	10	119%	80	120	0%	
Benzo(a)pyrene	A	ug/L	2.18496	2.18496		2	0	0	0.0347	0.1	10	109%	80	120	0%	
Benzo(b)fluoranthene	A	ug/L	2.36483	2.36483		2	0	0	0.0226	0.1	10	118%	80	120	0%	
Benzo(g,h,i)perylene	A	ug/L	2.28569	2.28569		2	0	0	0.0267	0.1	10	114%	80	120	0%	
Benzo(k)fluoranthene	A	ug/L	2.16565	2.16565		2	0	0	0.0295	0.1	10	108%	80	120	0%	
Chrysene	A	ug/L	2.27118	2.27118		2	0	0	0.0458	0.1	10	114%	80	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	2.33442	2.33442		2	0	0	0.0367	0.1	10	117%	80	120	0%	
Fluoranthene	A	ug/L	2.23834	2.23834		2	0	0	0.0233	0.1	10	112%	80	120	0%	
Fluorene	A	ug/L	2.16324	2.16324		2	0	0	0.0225	0.1	10	108%	80	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	2.16975	2.16975		2	0	0	0.0491	0.1	10	108%	80	120	0%	
Naphthalene	A	ug/L	2.1673	2.1673		2	0	0	0.029	0.1	10	108%	80	120	0%	
Phenanthrene	A	ug/L	2.29047	2.29047		2	0	0	0.0295	0.1	10	115%	80	120	0%	
Pyrene	A	ug/L	2.18961	2.18961		2	0	0	0.0239	0.1	10	109%	80	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15017141	26-Jan-22_CCV	SVOC-8270-W-	CCV	5975.I\sh012622	11/26/2022 9:05:2	1	R373840		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
2-Fluorobiphenyl	S	ug/L	2.09101	2.09101		2	0	0	0.0444	0.1	10	105%	80	120	0%	
Nitrobenzene-d5	S	ug/L	2.28544	2.28544		2	0	0	0.0523	0.1	10	114%	80	120	0%	
Terphenyl-d14	S	ug/L	2.15995	2.15995		2	0	0	0.0563	0.1	10	108%	80	120	0%	
o-Terphenyl	X	ug/L	2.30888	2.30888		2	0	0	0.0654	0.1	10	115%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15017142	MB-163072	SVOC-8270-W-	MBLK	5975.I\sh012622	11/27/2022 12:20:	1	163072	1/19/2022 3:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0206	0.1	10	0%			0%	
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0176	0.1	10	0%			0%	
Acenaphthene	A	ug/L	0	0		0	0	0	0.0317	0.1	10	0%			0%	
Acenaphthylene	A	ug/L	0	0		0	0	0	0.025	0.1	10	0%			0%	
Anthracene	A	ug/L	0	0		0	0	0	0.0283	0.1	10	0%			0%	
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0272	0.1	10	0%			0%	
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0347	0.1	10	0%			0%	
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0226	0.1	10	0%			0%	
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0267	0.1	10	0%			0%	
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%			0%	
Chrysene	A	ug/L	0	0		0	0	0	0.0458	0.1	10	0%			0%	
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0367	0.1	10	0%			0%	
Fluoranthene	A	ug/L	0	0		0	0	0	0.0233	0.1	10	0%			0%	
Fluorene	A	ug/L	0	0		0	0	0	0.0225	0.1	10	0%			0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0491	0.1	10	0%			0%	
Naphthalene	A	ug/L	0	0		0	0	0	0.029	0.1	10	0%			0%	
Phenanthrene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%			0%	
Pyrene	A	ug/L	0	0		0	0	0	0.0239	0.1	10	0%			0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	



Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15017142	MB-163072	SVOC-8270-W-	MBLK	5975.I\sh012622\	11/27/2022 12:20:	1	163072	1/19/2022 3:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

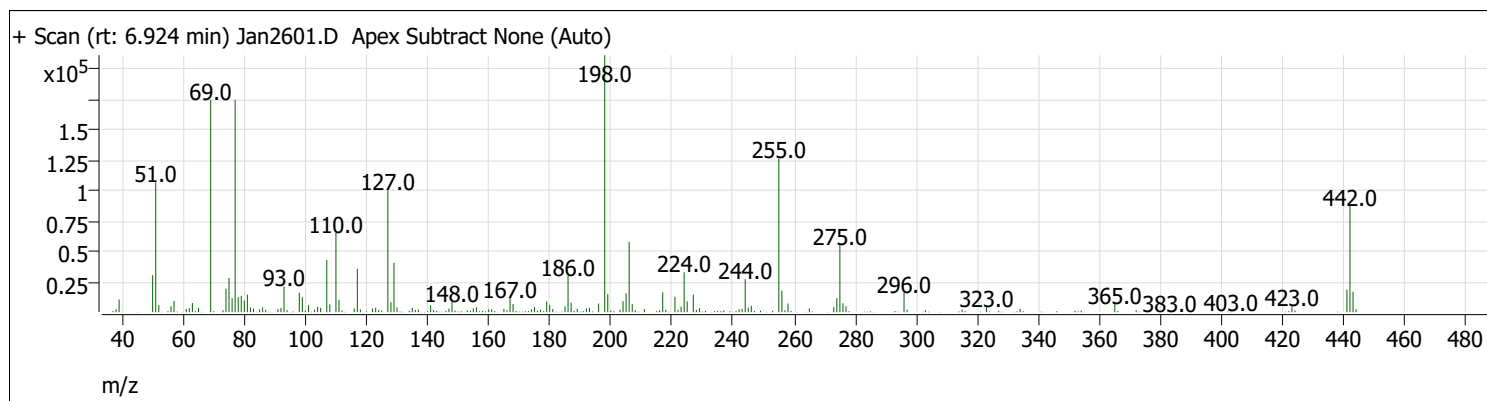
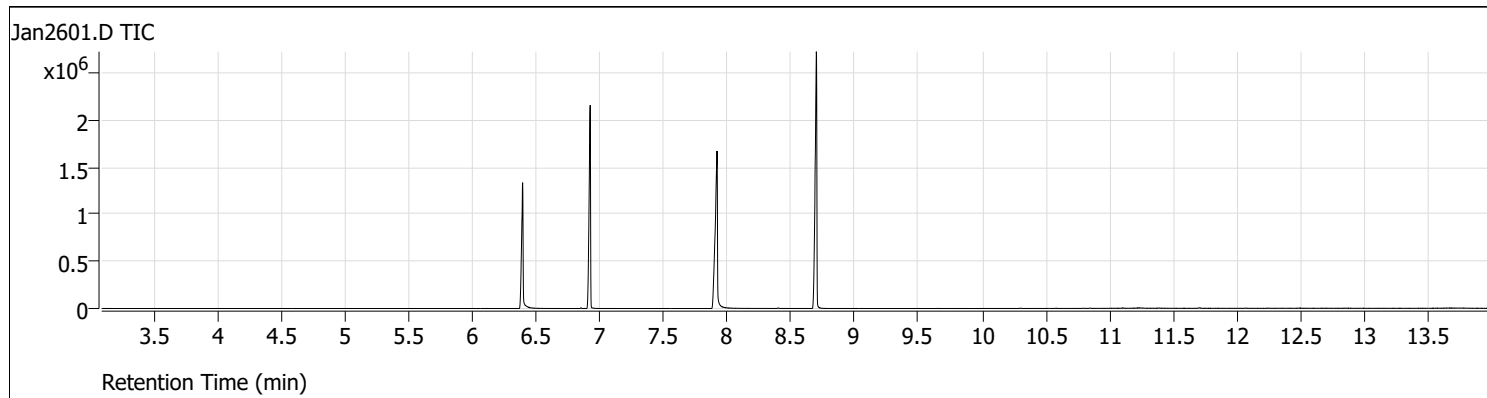
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15017143	LLCS-163072	SVOC-8270-W-	LCS	5975.I\sh012622\	11/27/2022 12:52:	1	163072	1/19/2022 3:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	2.57435	2.57435		5	0	0	0.0206	0.1	10	51%	18	117	0%	
2-Methylnaphthalene	A	ug/L	2.56925	2.56925		5	0	0	0.0176	0.1	10	51%	18	117	0%	
Acenaphthene	A	ug/L	3.37448	3.37448		5	0	0	0.0317	0.1	10	67%	40	92	0%	
Acenaphthylene	A	ug/L	3.48608	3.48608		5	0	0	0.025	0.1	10	70%	37	96	0%	
Anthracene	A	ug/L	5.10755	5.10755		5	0	0	0.0283	0.1	10	102%	46	108	0%	
Benzo(a)anthracene	A	ug/L	5.78572	5.78572		5	0	0	0.0272	0.1	10	116%	41	105	0%	S
Benzo(a)pyrene	A	ug/L	5.28032	5.28032		5	0	0	0.0347	0.1	10	106%	42	110	0%	
Benzo(b)fluoranthene	A	ug/L	5.31632	5.31632		5	0	0	0.0226	0.1	10	106%	27	121	0%	
Benzo(g,h,i)perylene	A	ug/L	5.29839	5.29839		5	0	0	0.0267	0.1	10	106%	44	108	0%	
Benzo(k)fluoranthene	A	ug/L	4.86223	4.86223		5	0	0	0.0295	0.1	10	97%	44	111	0%	
Chrysene	A	ug/L	5.4542	5.4542		5	0	0	0.0458	0.1	10	109%	50	106	0%	S
Dibenzo(a,h)anthracene	A	ug/L	5.6959	5.6959		5	0	0	0.0367	0.1	10	114%	47	111	0%	S
Fluoranthene	A	ug/L	5.20065	5.20065		5	0	0	0.0233	0.1	10	104%	44	111	0%	
Fluorene	A	ug/L	3.46548	3.46548		5	0	0	0.0225	0.1	10	69%	42	99	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	5.42612	5.42612		5	0	0	0.0491	0.1	10	109%	33	112	0%	
Naphthalene	A	ug/L	2.53756	2.53756		5	0	0	0.029	0.1	10	51%	22	108	0%	
Phenanthrene	A	ug/L	4.5253	4.5253		5	0	0	0.0295	0.1	10	91%	43	106	0%	
Pyrene	A	ug/L	5.15299	5.15299		5	0	0	0.0239	0.1	10	103%	41	106	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	3.79523	3.79523		5	0	0	0.0444	0.1	10	76%	25	94	0%	
Nitrobenzene-d5	S	ug/L	4.64249	4.64249		5	0	0	0.0523	0.1	10	93%	19	102	0%	
Terphenyl-d14	S	ug/L	5.64143	5.64143		5	0	0	0.0563	0.1	10	113%	39	106	0%	S
o-Terphenyl	X	ug/L	4.65436	4.65436		5	0	0	0.0654	0.1	10	93%	40	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15017144	LLCSD-163072	SVOC-8270-W-	LCSD	5975.I\sh012622\11/27/2022	1:25:1	1	163072	1/19/2022 3:	0	2E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	2.74459	2.74459		5	0	2.57435	0.0206	0.1	10	55%	18	117	6%	
2-Methylnaphthalene	A	ug/L	2.82642	2.82642		5	0	2.56925	0.0176	0.1	10	57%	18	117	10%	
Acenaphthene	A	ug/L	3.55217	3.55217		5	0	3.37448	0.0317	0.1	10	71%	40	92	5%	
Acenaphthylene	A	ug/L	3.72266	3.72266		5	0	3.48608	0.025	0.1	10	74%	37	96	7%	
Anthracene	A	ug/L	5.33776	5.33776		5	0	5.10755	0.0283	0.1	10	107%	46	108	4%	
Benzo(a)anthracene	A	ug/L	5.76361	5.76361		5	0	5.78572	0.0272	0.1	10	115%	41	105	0%	S
Benzo(a)pyrene	A	ug/L	4.98876	4.98876		5	0	5.28032	0.0347	0.1	10	100%	42	110	6%	
Benzo(b)fluoranthene	A	ug/L	5.12426	5.12426		5	0	5.31632	0.0226	0.1	10	102%	27	121	4%	
Benzo(g,h,i)perylene	A	ug/L	5.26089	5.26089		5	0	5.29839	0.0267	0.1	10	105%	44	108	1%	
Benzo(k)fluoranthene	A	ug/L	4.67392	4.67392		5	0	4.86223	0.0295	0.1	10	93%	44	111	4%	
Chrysene	A	ug/L	5.42792	5.42792		5	0	5.4542	0.0458	0.1	10	109%	50	106	0%	S
Dibenzo(a,h)anthracene	A	ug/L	5.49969	5.49969		5	0	5.6959	0.0367	0.1	10	110%	47	111	4%	
Fluoranthene	A	ug/L	5.36486	5.36486		5	0	5.20065	0.0233	0.1	10	107%	44	111	3%	
Fluorene	A	ug/L	3.81396	3.81396		5	0	3.46548	0.0225	0.1	10	76%	42	99	10%	
Indeno(1,2,3-cd)pyrene	A	ug/L	5.18867	5.18867		5	0	5.42612	0.0491	0.1	10	104%	33	112	4%	
Naphthalene	A	ug/L	2.52861	2.52861		5	0	2.53756	0.029	0.1	10	51%	22	108	0%	
Phenanthrene	A	ug/L	4.78764	4.78764		5	0	4.5253	0.0295	0.1	10	96%	43	106	6%	
Pyrene	A	ug/L	5.21631	5.21631		5	0	5.15299	0.0239	0.1	10	104%	41	106	1%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
2-Fluorobiphenyl	S	ug/L	3.67805	3.67805		5	0	0	0.0444	0.1	10	74%	25	94	0%	
Nitrobenzene-d5	S	ug/L	4.64422	4.64422		5	0	0	0.0523	0.1	10	93%	19	102	0%	
Terphenyl-d14	S	ug/L	5.53041	5.53041		5	0	0	0.0563	0.1	10	111%	39	106	0%	S
o-Terphenyl	X	ug/L	4.84082	4.84082		5	0	4.65436	0.0654	0.1	10	97%	40	140	4%	

File Name	Sample Name	Line No.	Test Code	Multiplier	Divisor	Method Name
Jan2601.d	26-Jan-22_TUNE_1	1		1	1	5975Tune.M
Jan2602.d	26-Jan-22_CAL_7	2	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan2603.d	26-Jan-22_CAL_6	3	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan2604.d	26-Jan-22_CAL_5	4	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan2605.d	26-Jan-22_CAL_4	5	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan2606.d	26-Jan-22_CAL_3	6	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan2607.d	26-Jan-22_CAL_2	7	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan2608.d	26-Jan-22_CAL_1	8	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan2609.d	26-Jan-22_CCV_9	9	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan2610.d	26-Jan-22_ISTBLK_10	10	SVOC-8270-W-LLPAH	1	1	5975BNASIM.M
Jan2611.d	B22010759-001CLMS	11	SVOC-8270C-SIM-W-LLPA	20	1	5975BNASIM.M
Jan2612.d	B22010759-001CLMSD	12	SVOC-8270C-SIM-W-LLPA	20	1	5975BNASIM.M
Jan2613.d	LLCS-162956	13	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2614.d	LLCSD-162956	14	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2615.d	MB-163072	15	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2616.d	LLCS-163072	16	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2617.d	LLCSD-163072	17	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2618.d	B22011124-001C	18	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2619.d	B22011125-001C	19	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2620.d	B22011126-001C	20	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2621.d	B22011127-001C	21	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2622.d	B22011128-001C	22	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2623.d	B22011129-001C	23	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2624.d	26-Jan-22_CCV_24	24	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2625.d	26-Jan-22_TUNE_25	25		1	1	5975Tune.M
Jan2626.d	26-Jan-22_CCV_26	26	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2627.d	26-Jan-22_ISTBLK_27	27	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2628.d	B22011130-001C	28	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2629.d	B22011131-001C	29	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2630.d	B22011132-001C	30	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2631.d	B22011133-001C	31	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2632.d	B22011134-001C	32	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2633.d	B22011134-002A	33	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2634.d	B22011135-001C	34	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2635.d	B22011136-001C	35	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2636.d	B22011136-001CLMS	36	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2637.d	B22011136-001CLMSD	37	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2638.d	B22011137-001C	38	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan2639.d	26-Jan-22_CCV_39	39	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M

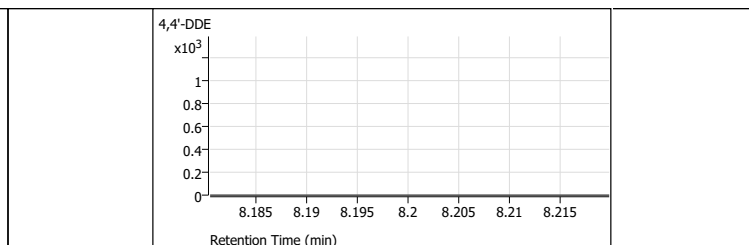
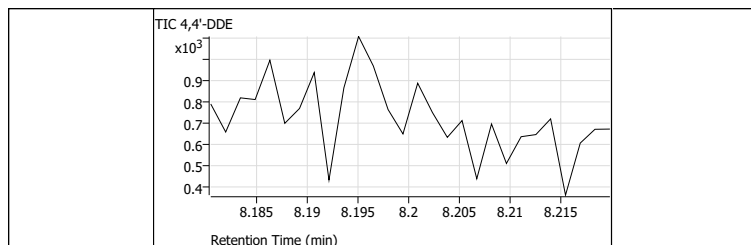
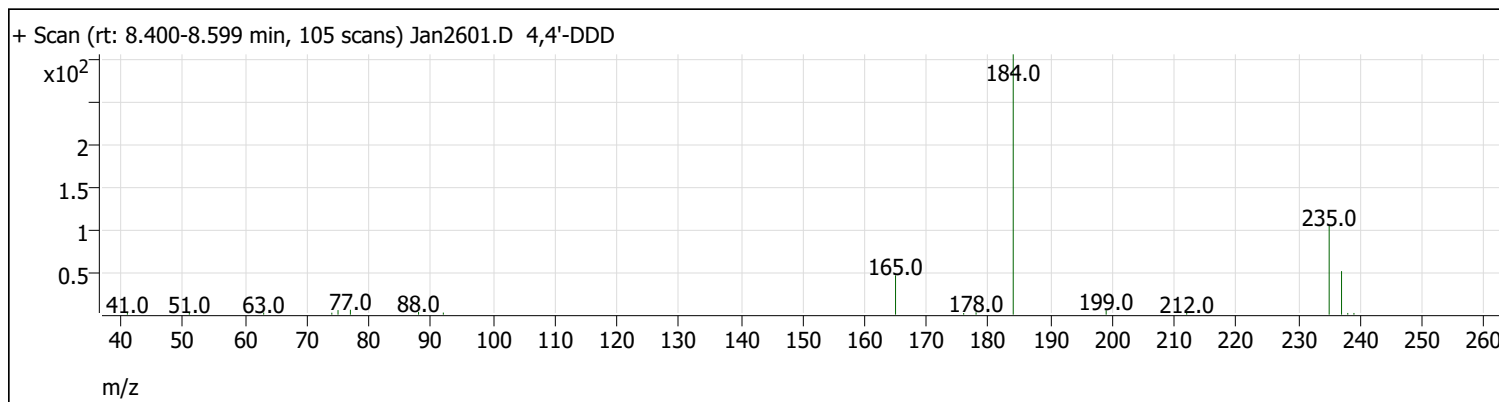
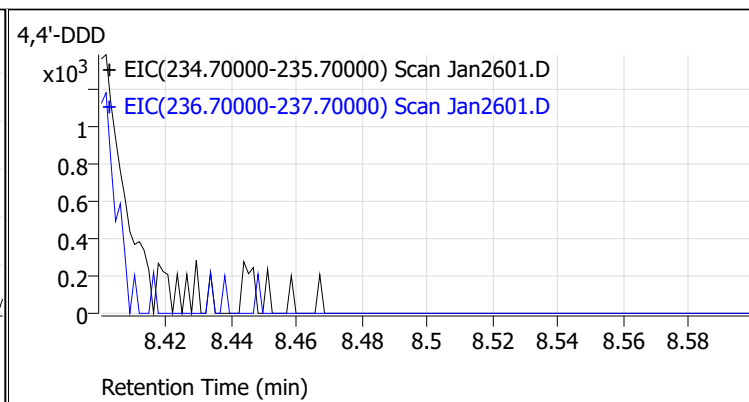
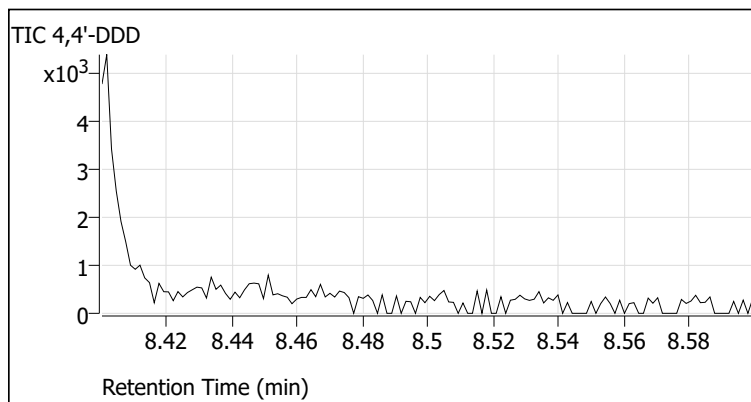
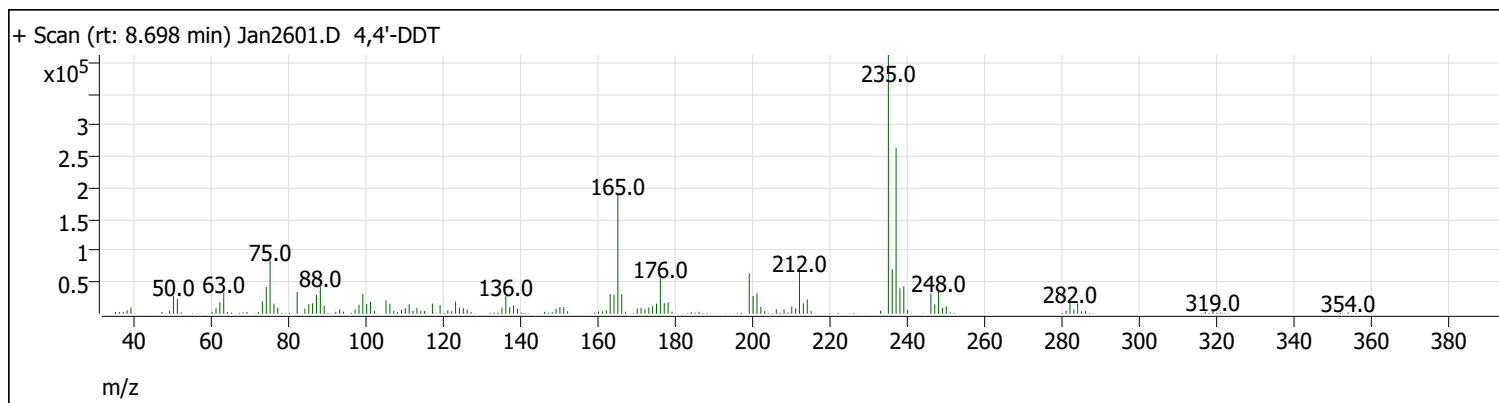
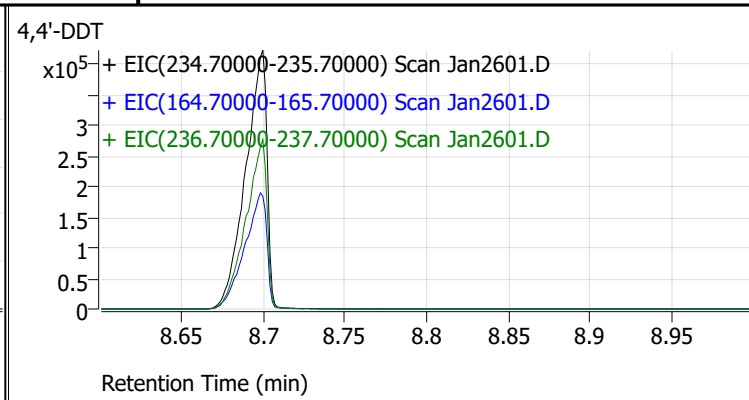
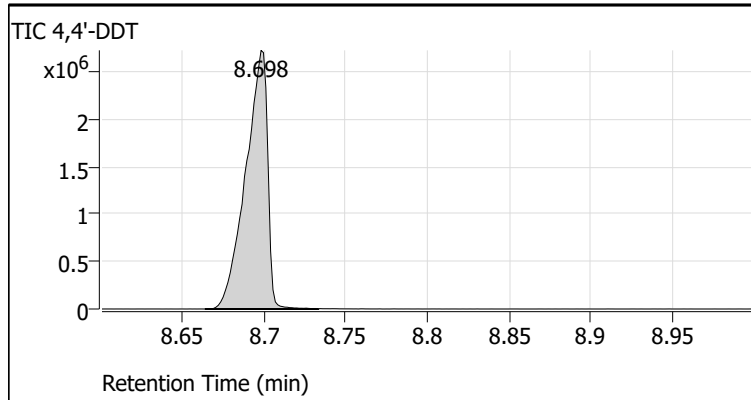
# Tune Evaluation Report

Data Path: \\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2601.D  
 Acq on: 1/26/2022 4:53:58 PM  
 Operator: LIMS import  
 Sample: 26-Jan-22\_TUNE\_1  
 Inst Name: GCMS  
 ALS Vial: 1  
 Method: \\MASSHUNTER\Org\Data\SV5975.I\Methods\DFTPP5975625.m



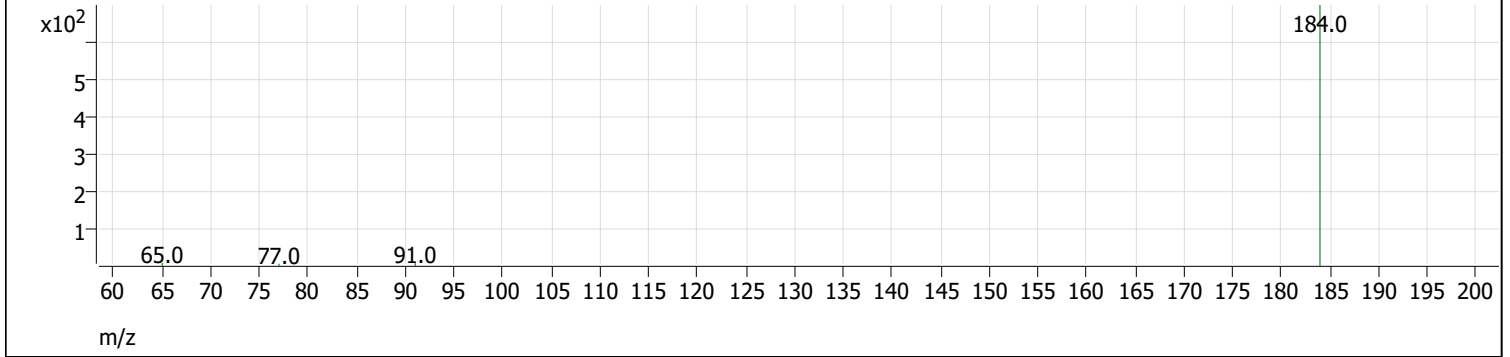
Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
51	198	30	60	50.5	106664	Pass
68	69	0	2	0.0	0	Pass
70	69	0	2	0.5	895	Pass
127	198	40	60	47.4	99976	Pass
197	198	0	1	0.0	0	Pass
198	198	100	100	100.0	211008	Pass
199	198	5	9	7.0	14815	Pass
275	198	10	30	26.1	55080	Pass
365	198	1	100	3.2	6732	Pass
441	443	1E-10	150	110.5	18592	Pass
442	198	40	100	41.4	87384	Pass
443	442	17	23	19.3	16832	Pass
69	69	100	100	100.0	174336	Pass

# Tune Evaluation Report



# Tune Evaluation Report

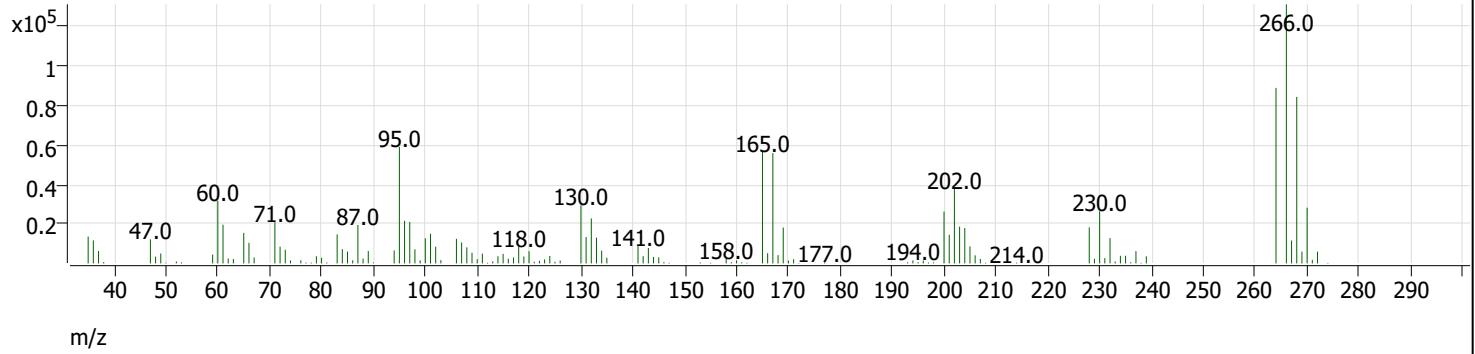
+ Scan (rt: 8.181-8.220 min, 28 scans) Jan2601.D 4,4'-DDE



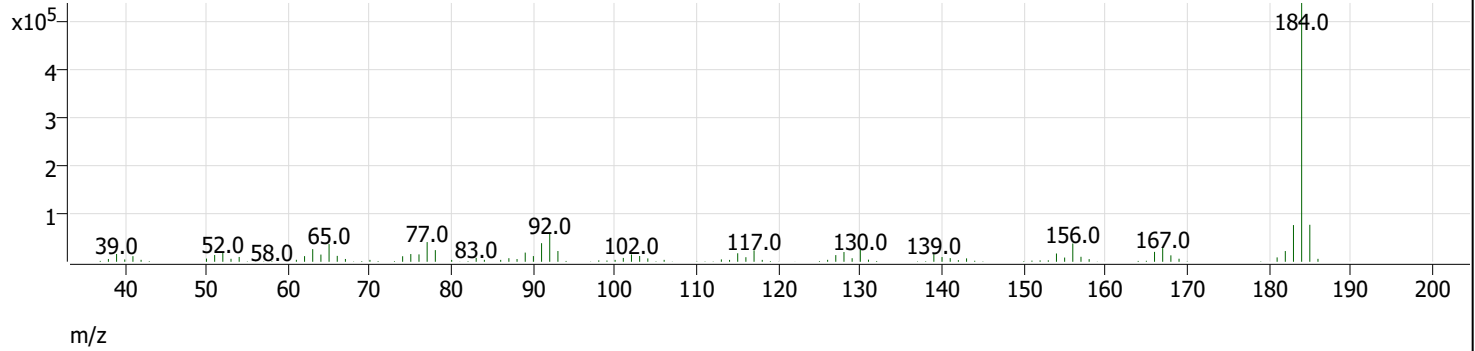
Compound Name	Expected RT	Observed RT	TIC Area	Breakdown %	Pass/Fail
4,4'-DDT	8.800	8.698	2543414	0.0	Pass
4,4'-DDD	8.500	0.000	0		
4,4'-DDE	8.200	0.000	0		

# Tune Evaluation Report

+ Scan (rt: 6.393 min) Jan2601.D Pentachlorophenol



+ Scan (rt: 7.919 min) Jan2601.D Benzidine

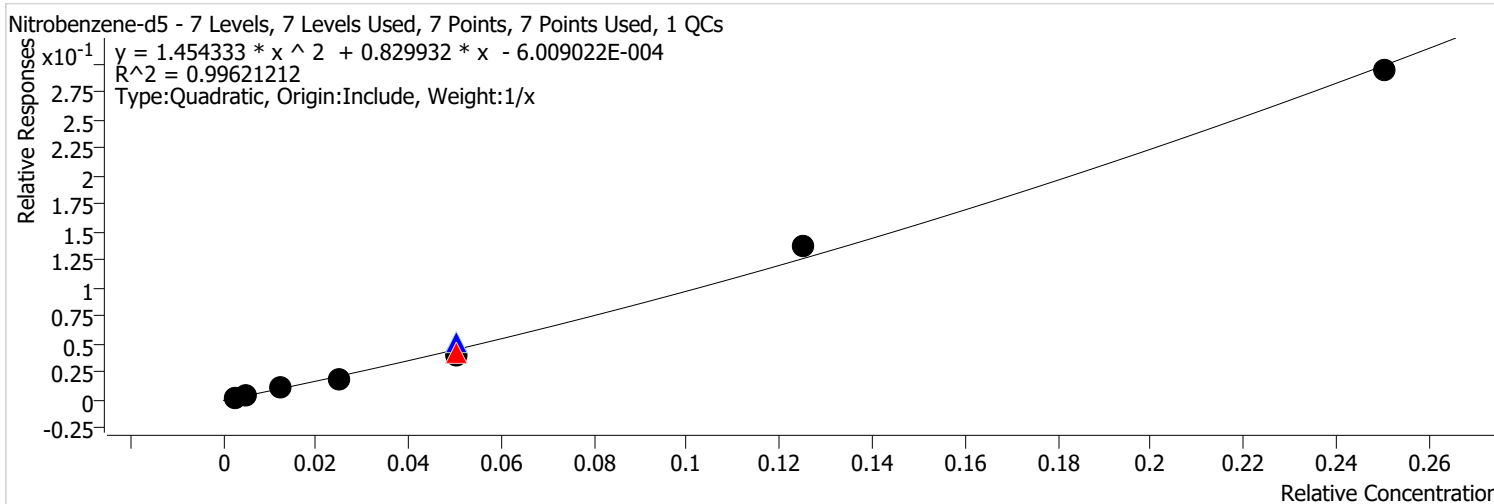


Compound Name	Expected RT	Observed RT	Tailing Factor	PGF	Pass/Fail
Pentachlorophenol	6.800	6.393	0.4	3.5	Pass
Benzidine	8.400	7.919	0.2	2.5	Pass

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:39 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Nitrobenzene-d5 %RSE =**



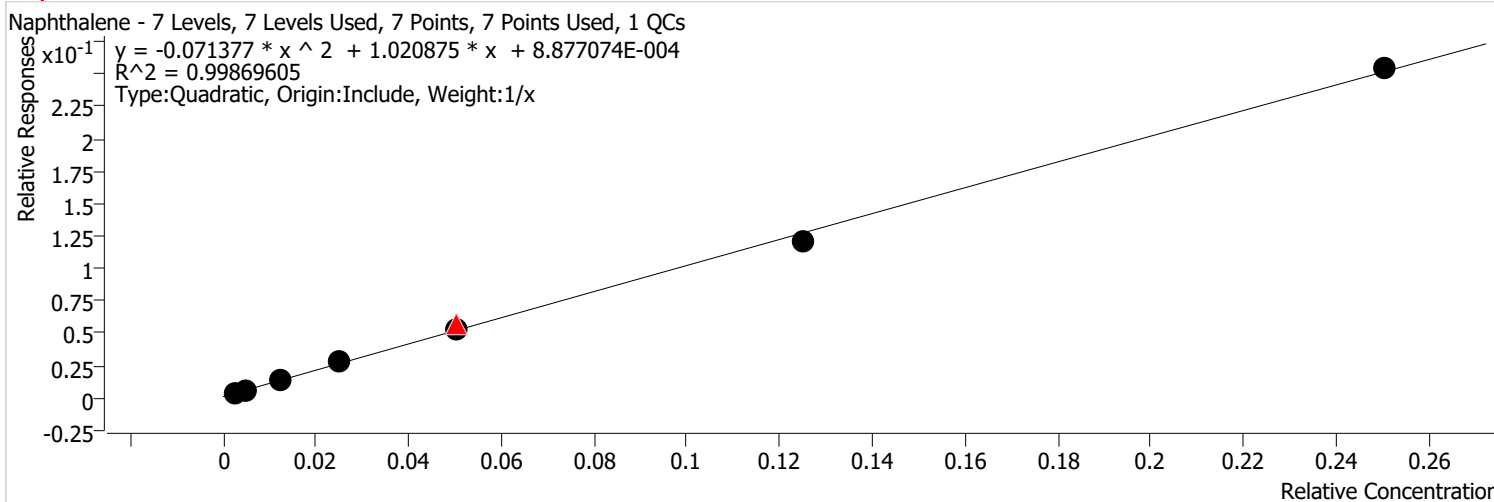
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	184	0.1000	0.7082	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	376	0.2000	0.7064	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	1090	0.5000	0.8140	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	2239	1.0000	0.7537	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	16927	2.0000	0.8426	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	5997	2.0000	1.0313	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	4752	2.0000	0.7868	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	16695	5.0000	1.0988	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	36073	10.0000	1.1731	



# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:44 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Naphthalene %RSE = 6.0**



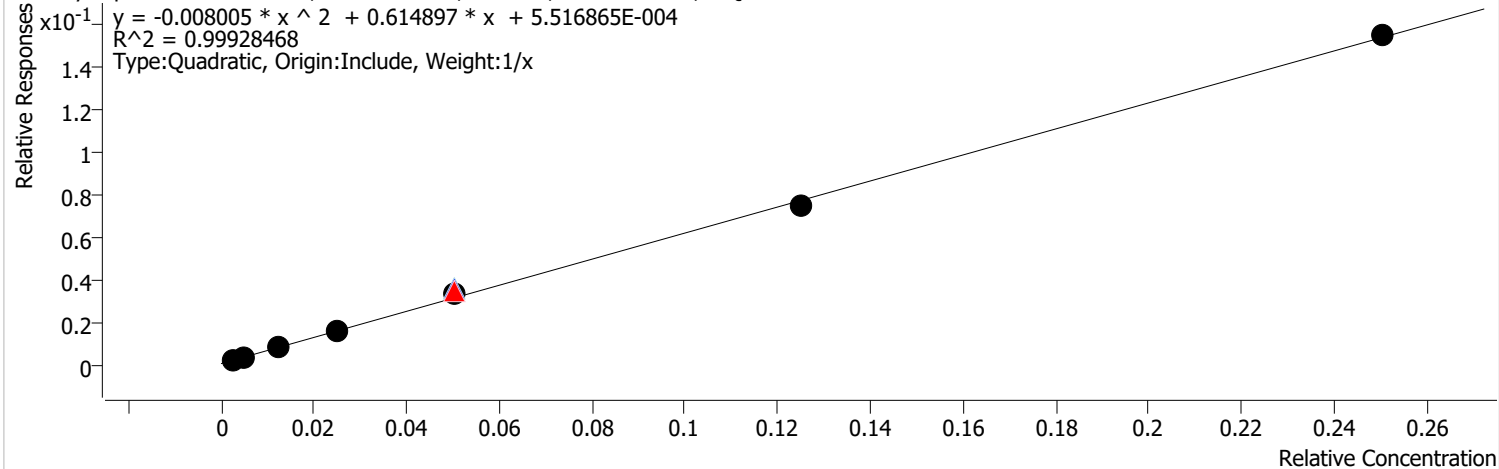
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	649	0.1000	1.3211	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	1109	0.2000	1.1549	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	2733	0.5000	1.1197	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	5832	1.0000	1.1274	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	43467	2.0000	1.1266	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	12403	2.0000	1.1198	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	11591	2.0000	1.0698	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	28378	5.0000	0.9707	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	57793	10.0000	1.0165	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:44 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**2-Methylnaphthalene %RSE = 3.6**

2-Methylnaphthalene - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs

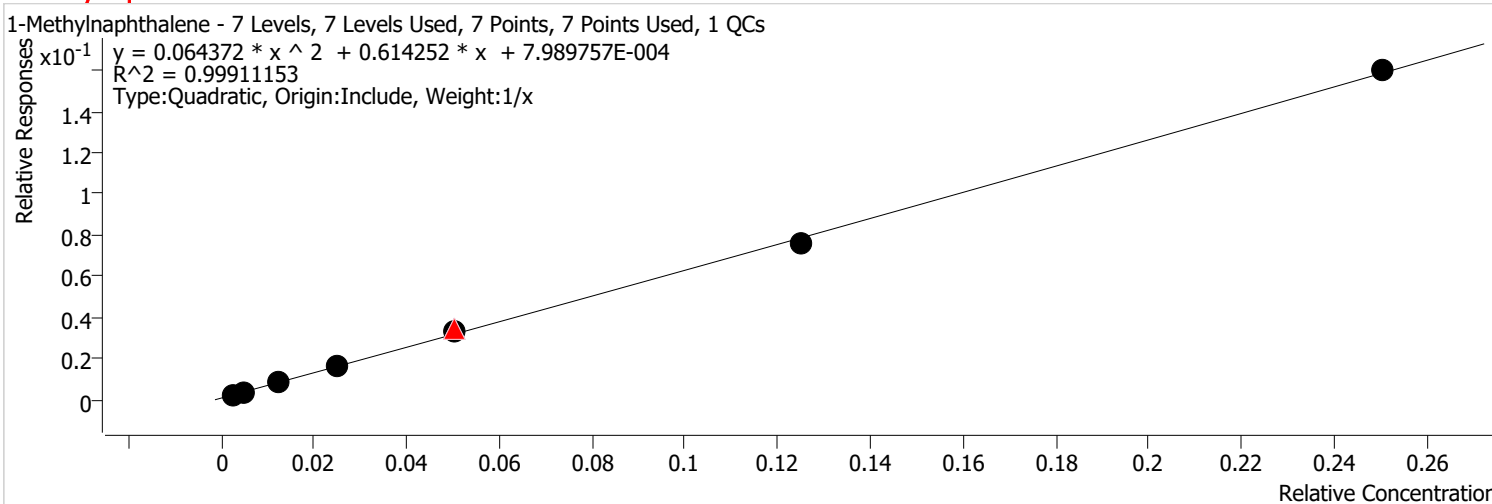


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	402	0.1000	0.8181	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	703	0.2000	0.7323	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	1595	0.5000	0.6533	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	3287	1.0000	0.6354	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	26546	2.0000	0.6880	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	8066	2.0000	0.7282	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	7140	2.0000	0.6589	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	17499	5.0000	0.5986	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	35177	10.0000	0.6187	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:44 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**1-Methylnaphthalene %RSE = 7.7**



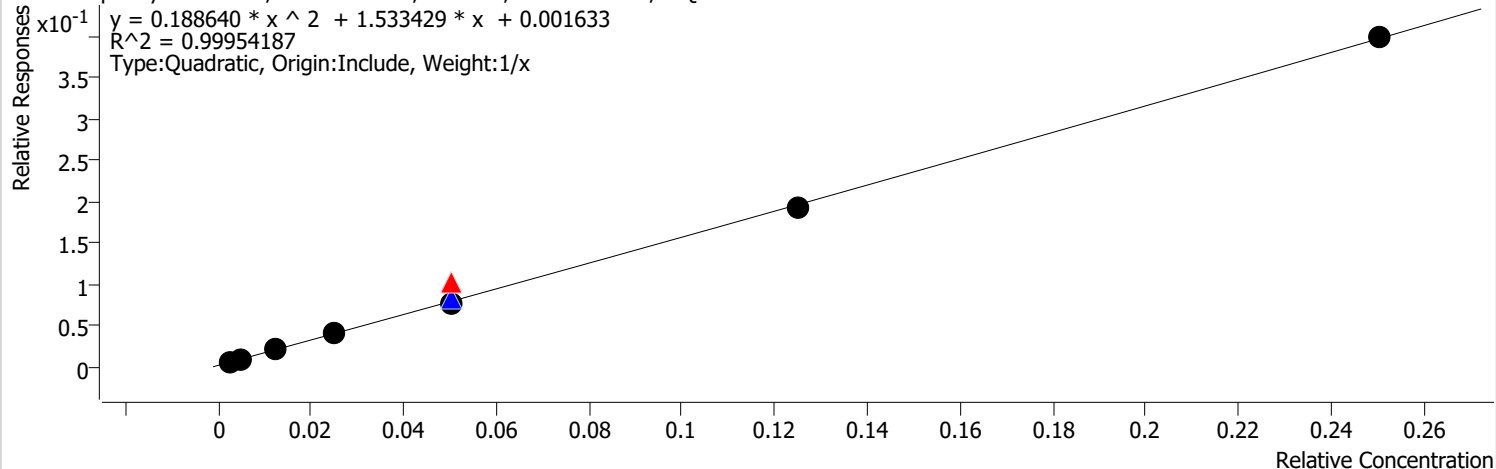
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	421	0.1000	0.8570	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	776	0.2000	0.8082	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	1703	0.5000	0.6976	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	3477	1.0000	0.6721	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	26180	2.0000	0.6786	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	7747	2.0000	0.6995	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	7079	2.0000	0.6533	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	17660	5.0000	0.6041	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	36308	10.0000	0.6386	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:44 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**2-Fluorobiphenyl %RSE =**

2-Fluorobiphenyl - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs

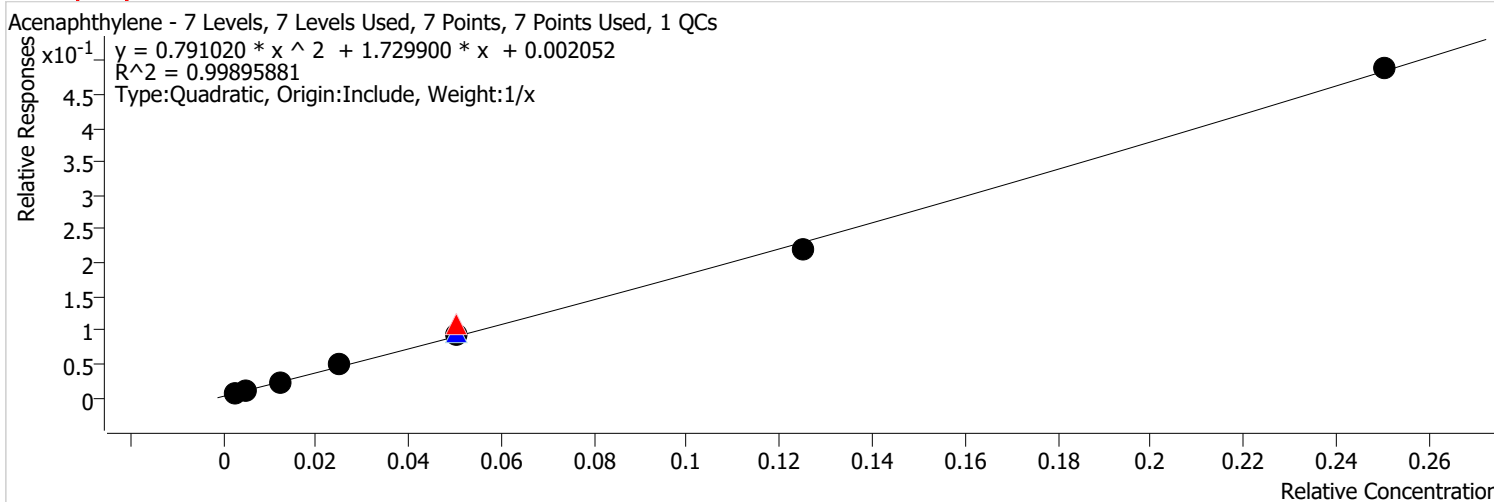


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	650	0.1000	2.0454	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	1149	0.2000	1.8925	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	2663	0.5000	1.7370	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	5663	1.0000	1.6958	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	41814	2.0000	2.0259	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	11419	2.0000	1.6462	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	10896	2.0000	1.5355	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	28336	5.0000	1.5522	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	55651	10.0000	1.5921	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:44 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Acenaphthylene %RSE = 6.5**

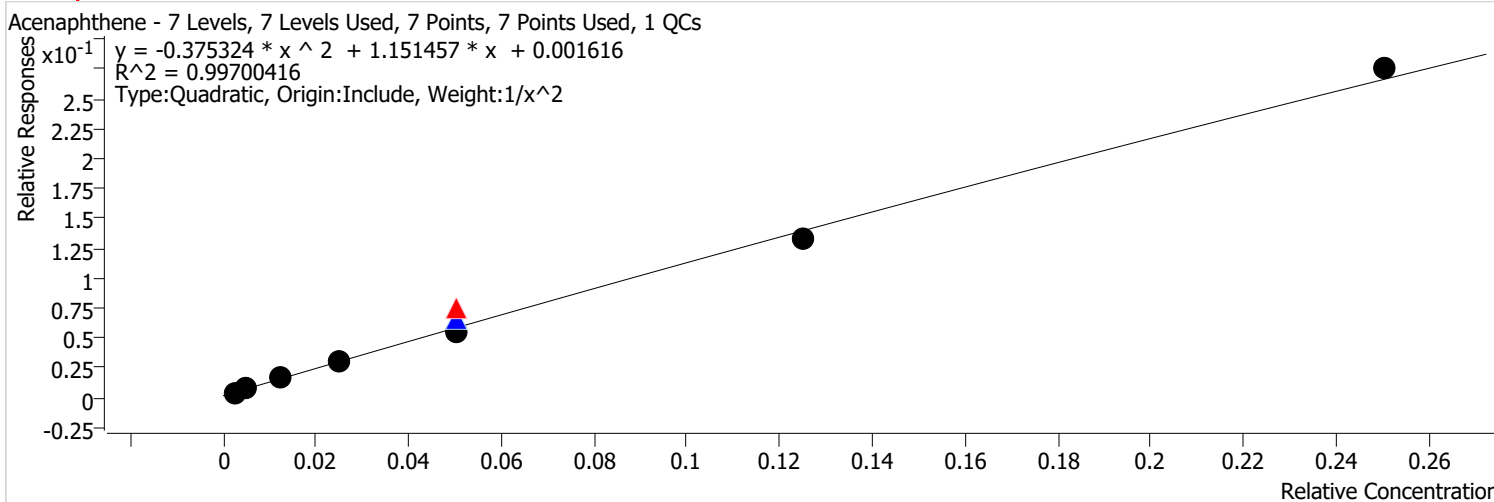


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	767	0.1000	2.4116	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	1286	0.2000	2.1191	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	2978	0.5000	1.9425	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	6647	1.0000	1.9903	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	45154	2.0000	2.1877	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	13549	2.0000	1.9533	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	13042	2.0000	1.8380	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	32326	5.0000	1.7707	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	68221	10.0000	1.9517	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:44 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Acenaphthene %RSE = 5.7**

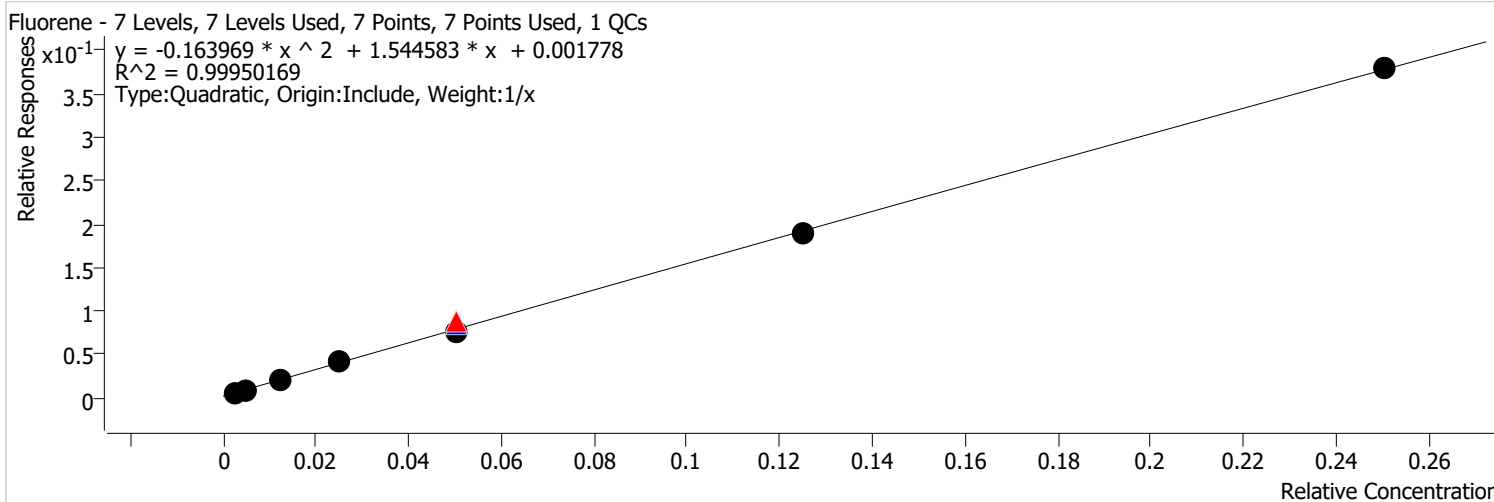


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	560	0.1000	1.7630	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	929	0.2000	1.5311	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	1993	0.5000	1.3003	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	4165	1.0000	1.2471	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	30942	2.0000	1.4992	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	9230	2.0000	1.3306	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	7782	2.0000	1.0967	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	19363	5.0000	1.0607	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	38452	10.0000	1.1001	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:44 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Fluorene %RSE = 4.8**



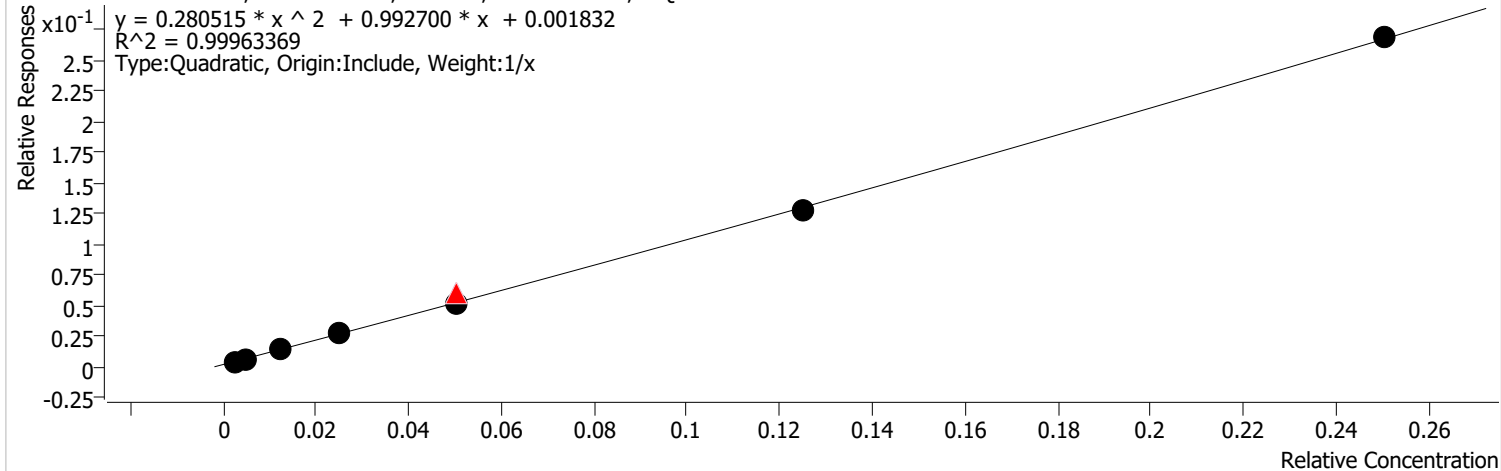
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	693	0.1000	2.1782	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	1141	0.2000	1.8795	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	2639	0.5000	1.7213	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	5754	1.0000	1.7229	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	35790	2.0000	1.7340	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	11769	2.0000	1.6966	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	10886	2.0000	1.5341	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	27751	5.0000	1.5201	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	52976	10.0000	1.5156	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:44 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Phenanthrene %RSE = 5.0**

Phenanthrene - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs



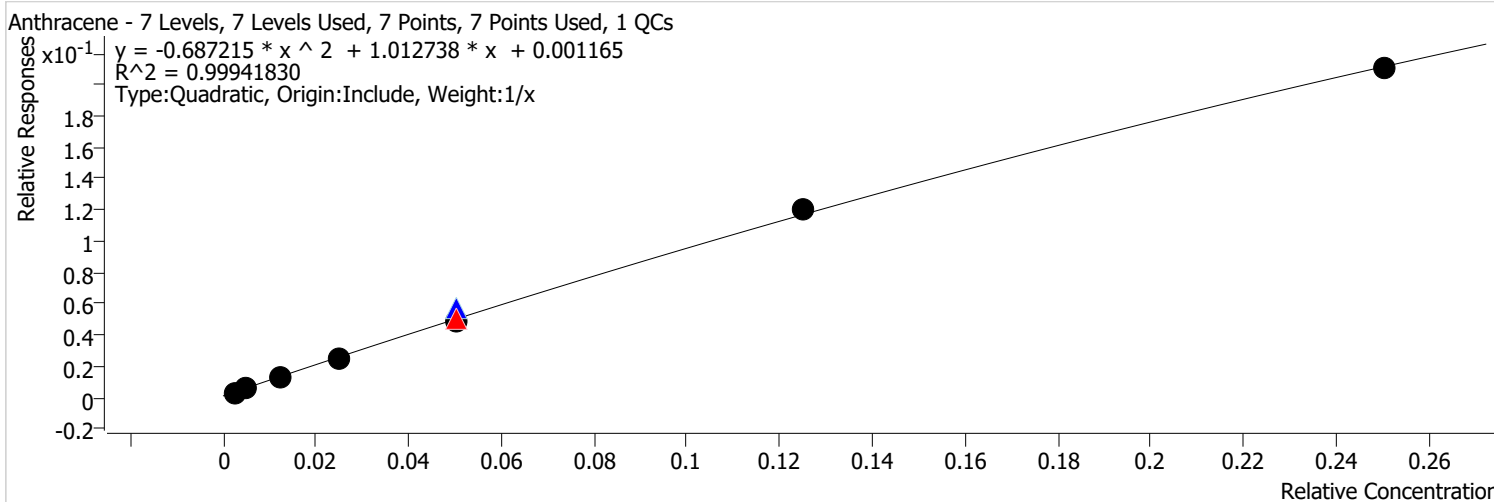
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	1114	0.1000	1.6670	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	1762	0.2000	1.3357	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	3972	0.5000	1.2045	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	8253	1.0000	1.1107	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	54393	2.0000	1.2205	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	17438	2.0000	1.1919	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	15947	2.0000	1.0451	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	39590	5.0000	1.0203	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	82275	10.0000	1.0751	



# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:45 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Anthracene %RSE = 4.6**



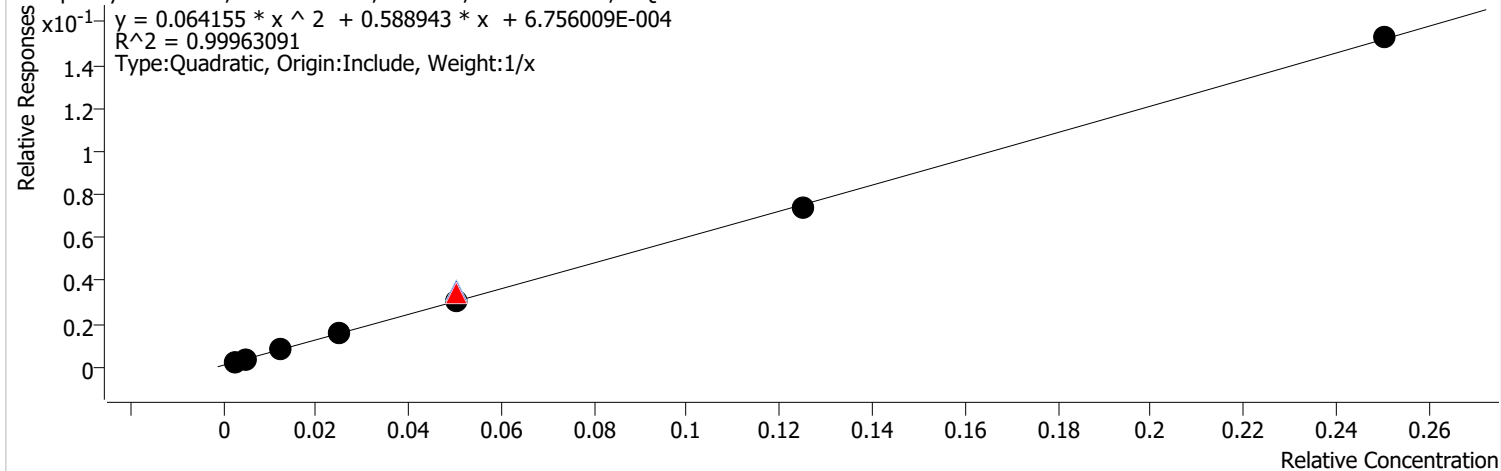
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	973	0.1000	1.4560	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	1732	0.2000	1.3127	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	3577	0.5000	1.0848	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	7520	1.0000	1.0120	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	45714	2.0000	1.0258	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	16918	2.0000	1.1563	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	14858	2.0000	0.9737	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	37352	5.0000	0.9626	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	64314	10.0000	0.8404	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:45 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**o-Terphenyl %RSE =**

o-Terphenyl - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs

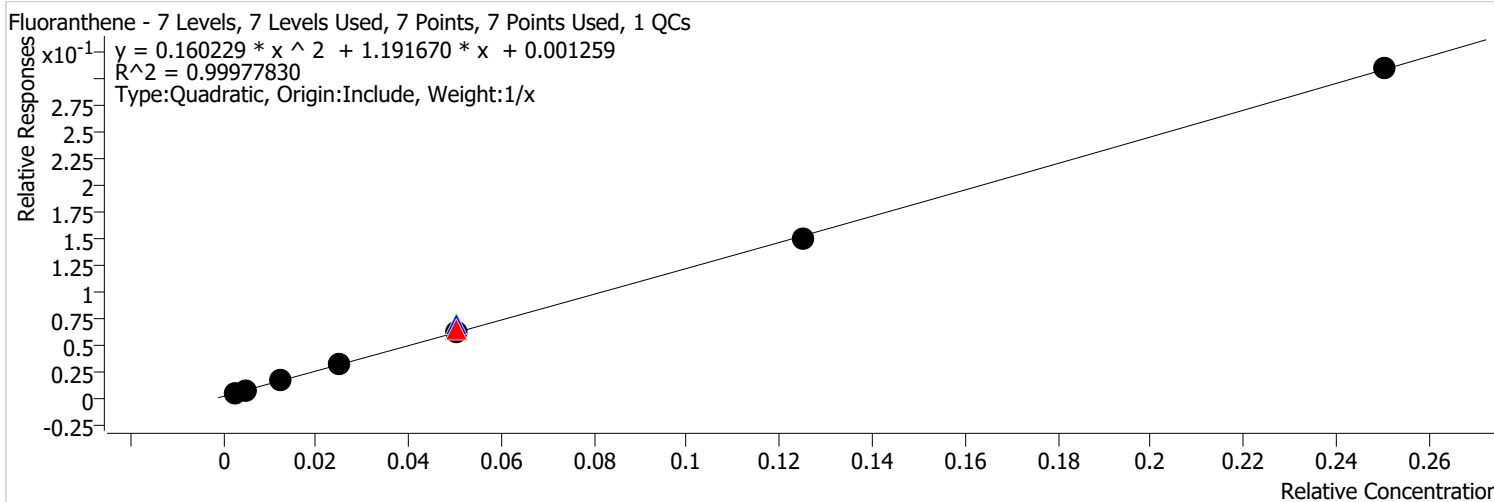


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	535	0.1000	0.8004	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	986	0.2000	0.7476	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	2213	0.5000	0.6712	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	4670	1.0000	0.6285	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	30546	2.0000	0.6854	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	10208	2.0000	0.6977	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	9371	2.0000	0.6141	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	22829	5.0000	0.5884	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	46733	10.0000	0.6107	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:45 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Fluoranthene %RSE = 5.1**



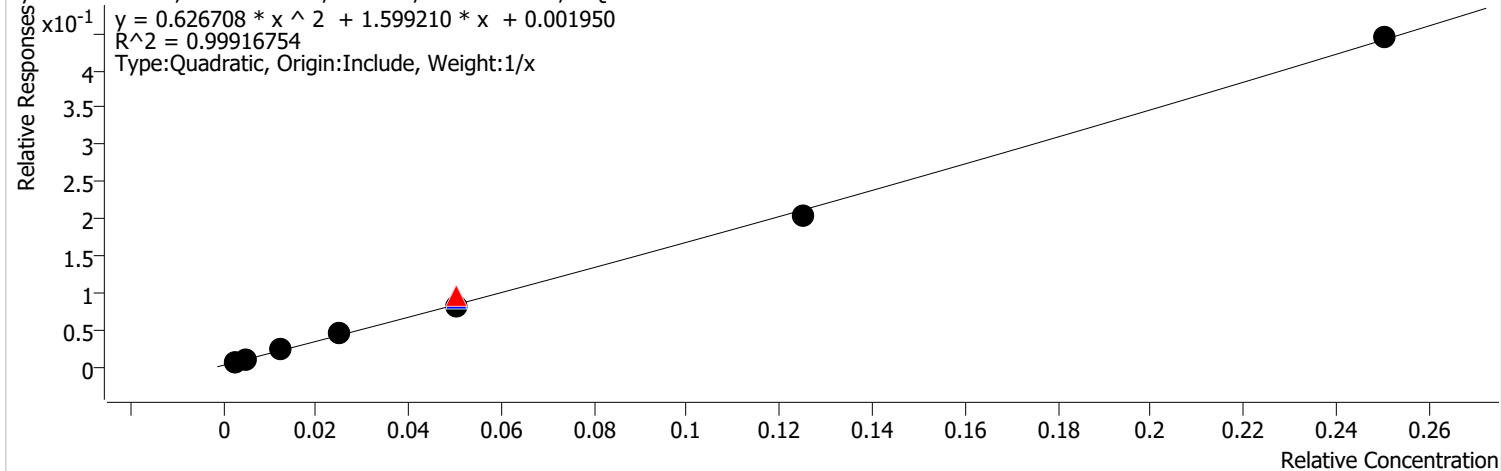
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	1071	0.1000	1.6028	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	1927	0.2000	1.4608	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	4505	0.5000	1.3662	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	9437	1.0000	1.2700	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	57037	2.0000	1.2799	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	20028	2.0000	1.3689	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	18556	2.0000	1.2160	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	46854	5.0000	1.2075	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	94914	10.0000	1.2403	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:45 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Pyrene %RSE = 6.9**

Pyrene - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs

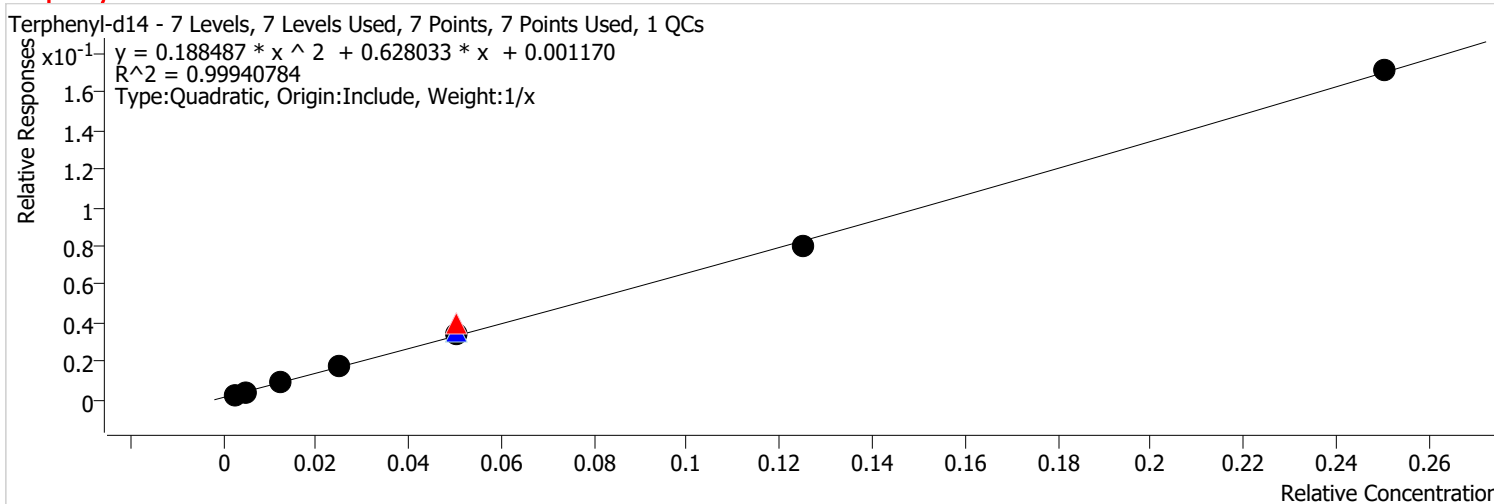


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	1244	0.1000	2.3008	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	1996	0.2000	1.8788	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	4977	0.5000	1.8763	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	10476	1.0000	1.8191	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	62808	2.0000	1.9194	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	21819	2.0000	1.8274	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	20015	2.0000	1.6632	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	50901	5.0000	1.6423	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	104545	10.0000	1.7752	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:45 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Terphenyl-d14 %RSE =**

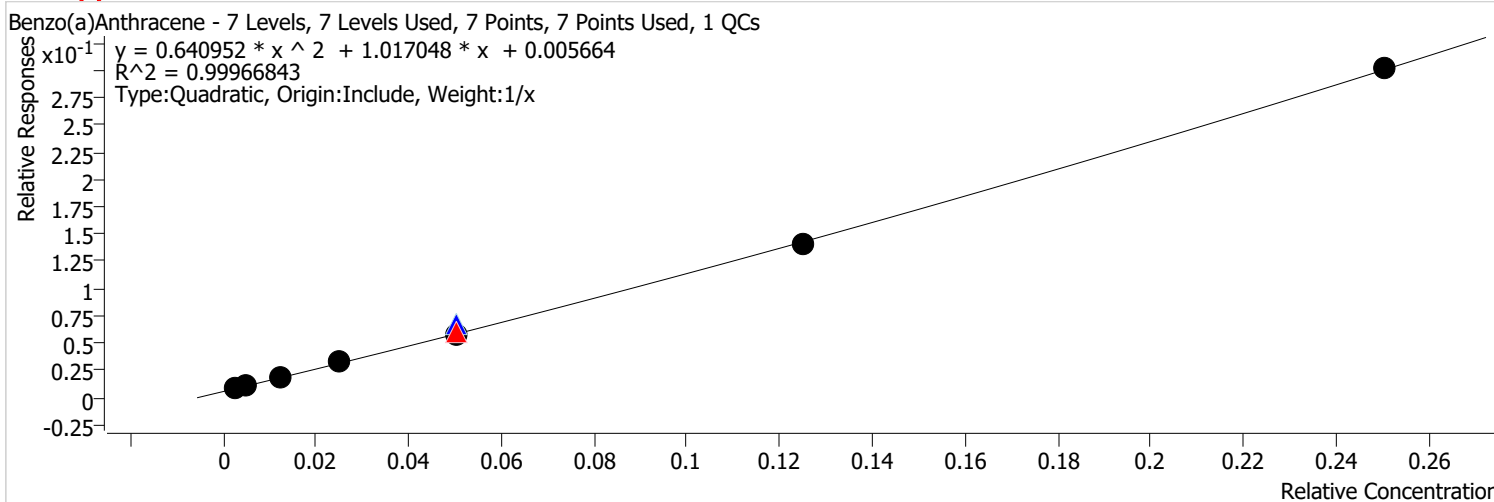


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	589	0.1000	1.0884	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	862	0.2000	0.8118	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	2019	0.5000	0.7611	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	4066	1.0000	0.7060	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	26408	2.0000	0.8070	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	8509	2.0000	0.7127	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	8089	2.0000	0.6722	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	19882	5.0000	0.6415	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	40278	10.0000	0.6839	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:45 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Benzo(a)Anthracene %RSE = 4.6**



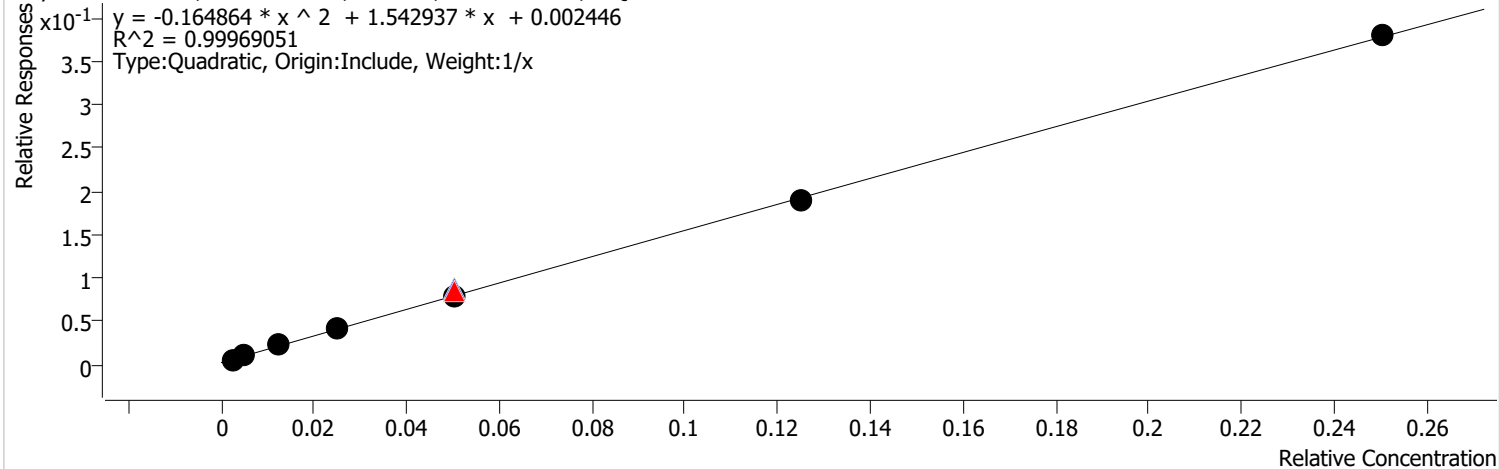
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	1739	0.1000	3.2162	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	2303	0.2000	2.1677	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	3947	0.5000	1.4881	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	7611	1.0000	1.3217	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	40166	2.0000	1.2275	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	16376	2.0000	1.3715	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	13969	2.0000	1.1608	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	34738	5.0000	1.1208	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	70953	10.0000	1.2048	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:45 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Chrysene %RSE = 4.4**

Chrysene - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs

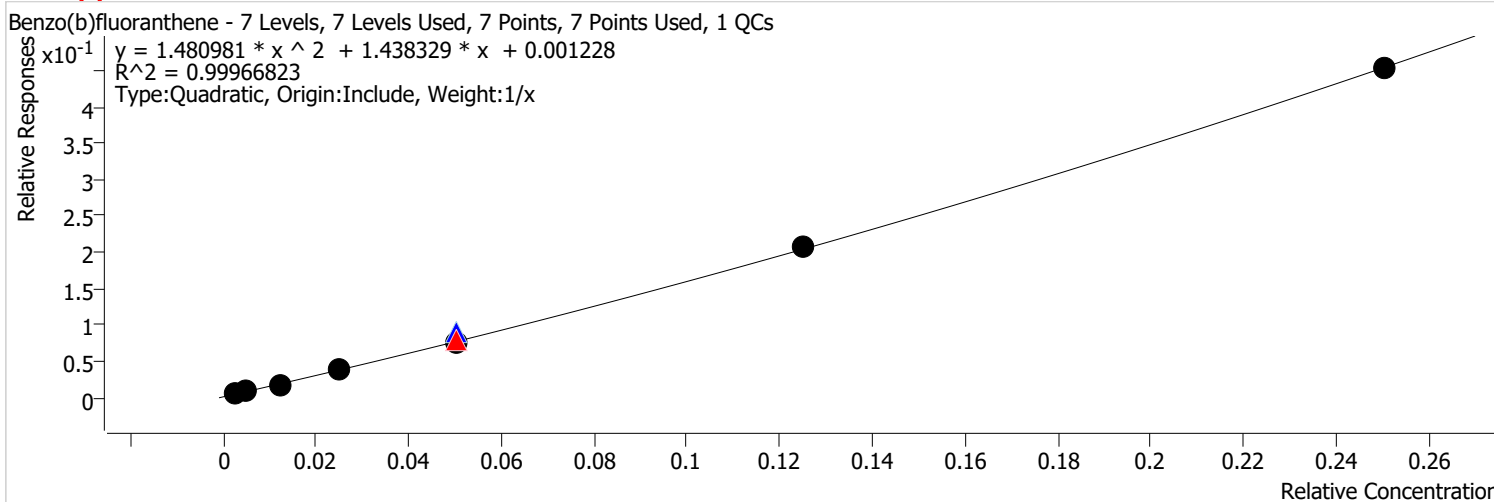


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	1322	0.1000	2.4450	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	2117	0.2000	1.9927	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	4857	0.5000	1.8310	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	9630	1.0000	1.6722	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	56647	2.0000	1.7311	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	21378	2.0000	1.7904	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	19145	2.0000	1.5909	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	46876	5.0000	1.5125	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	89400	10.0000	1.5180	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:45 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Benzo(b)fluoranthene %RSE = 5.2**



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	673	0.1000	1.9419	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	1195	0.2000	1.7815	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	2452	0.5000	1.4426	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	5811	1.0000	1.5546	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	34226	2.0000	1.6168	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	14117	2.0000	1.8288	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	11665	2.0000	1.4985	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	33353	5.0000	1.6610	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	69326	10.0000	1.8080	

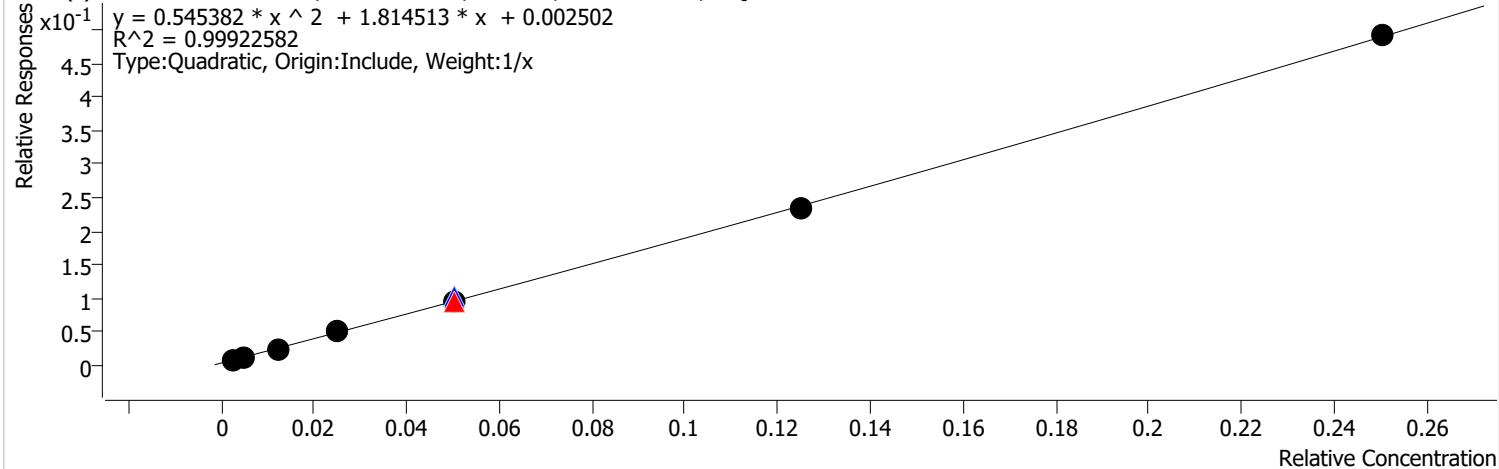


# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:45 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Benzo(k)fluoranthene %RSE = 6.5**

Benzo(k)fluoranthene - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs



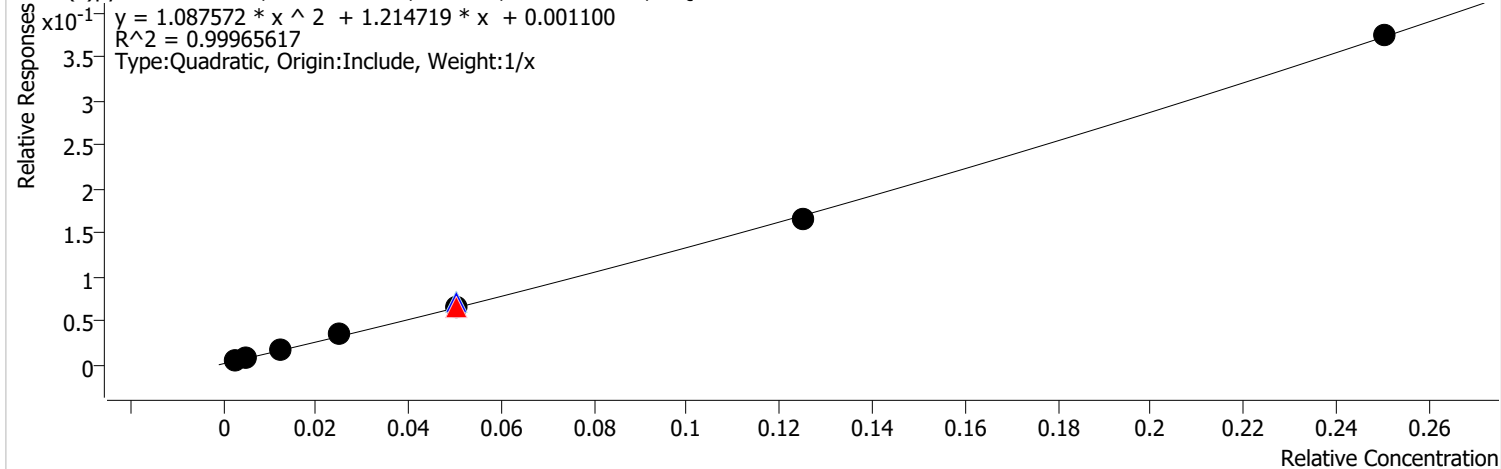
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	988	0.1000	2.8499	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	1566	0.2000	2.3345	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	3114	0.5000	1.8325	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	7708	1.0000	2.0618	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	39503	2.0000	1.8661	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	15799	2.0000	2.0468	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	15008	2.0000	1.9279	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	37444	5.0000	1.8648	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	75461	10.0000	1.9680	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:46 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Benzo(a)pyrene %RSE = 4.3**

Benzo(a)pyrene - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs

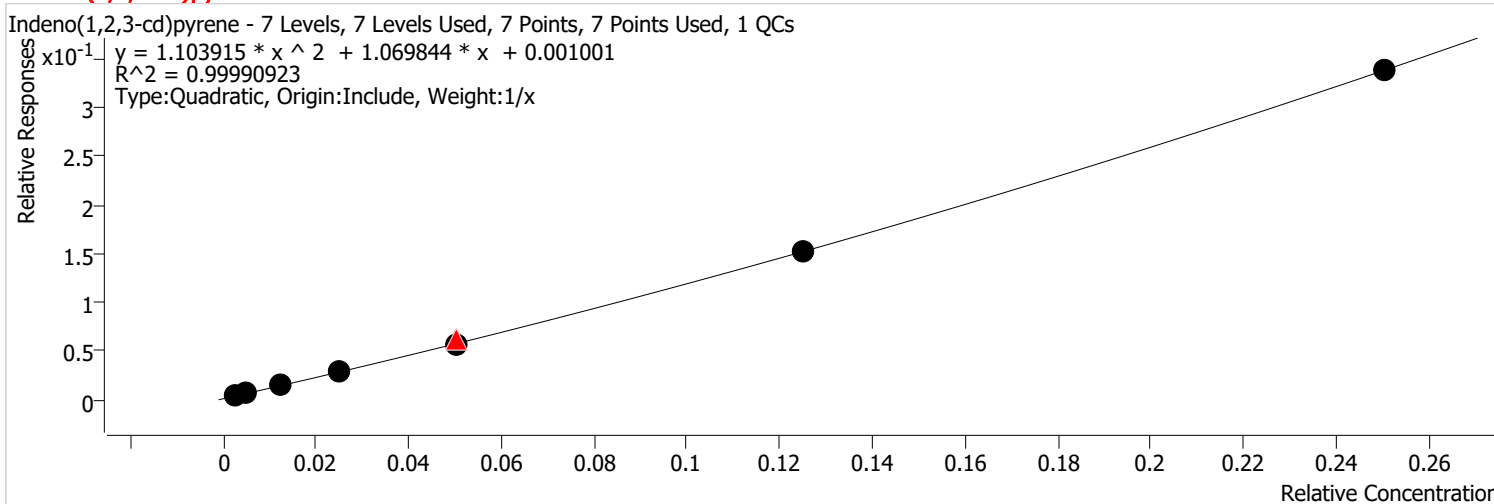


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	556	0.1000	1.6027	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	946	0.2000	1.4107	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	2288	0.5000	1.3461	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	5104	1.0000	1.3654	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	27265	2.0000	1.2880	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	10914	2.0000	1.4140	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	10017	2.0000	1.2868	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	26754	5.0000	1.3324	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	57404	10.0000	1.4971	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:46 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Indeno(1,2,3-cd)pyrene %RSE = 3.1**

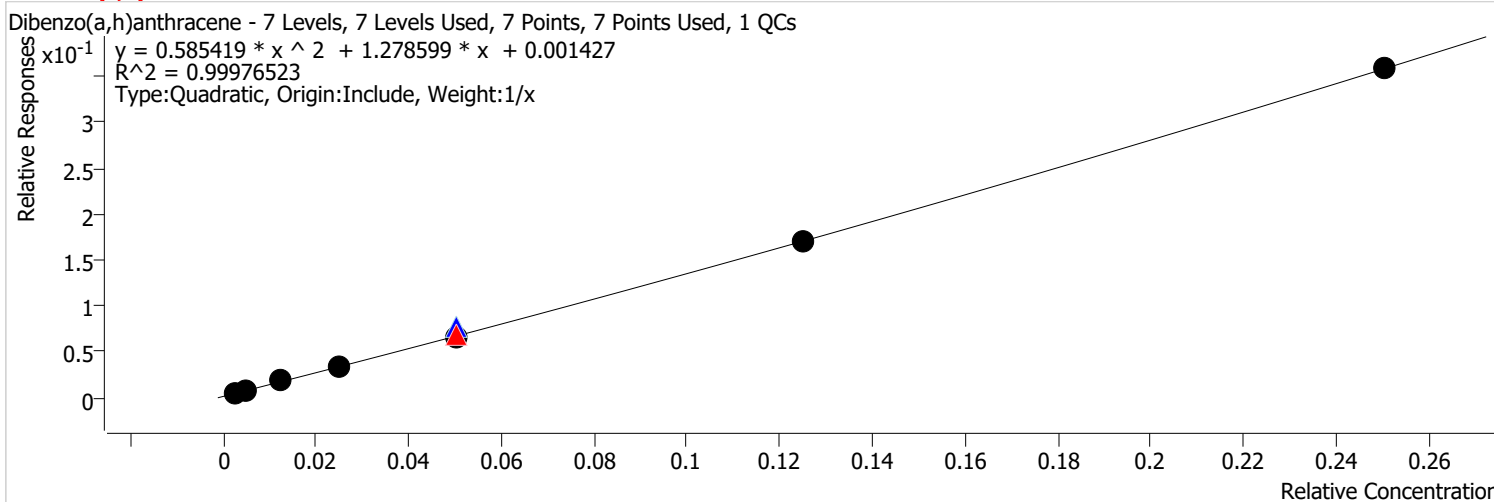


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	495	0.1000	1.4278	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	881	0.2000	1.3129	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	1983	0.5000	1.1667	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	4344	1.0000	1.1621	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	26047	2.0000	1.2305	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	9615	2.0000	1.2456	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	8723	2.0000	1.1206	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	24515	5.0000	1.2209	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	51736	10.0000	1.3493	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:46 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Dibenzo(a,h)anthracene %RSE = 7.0**



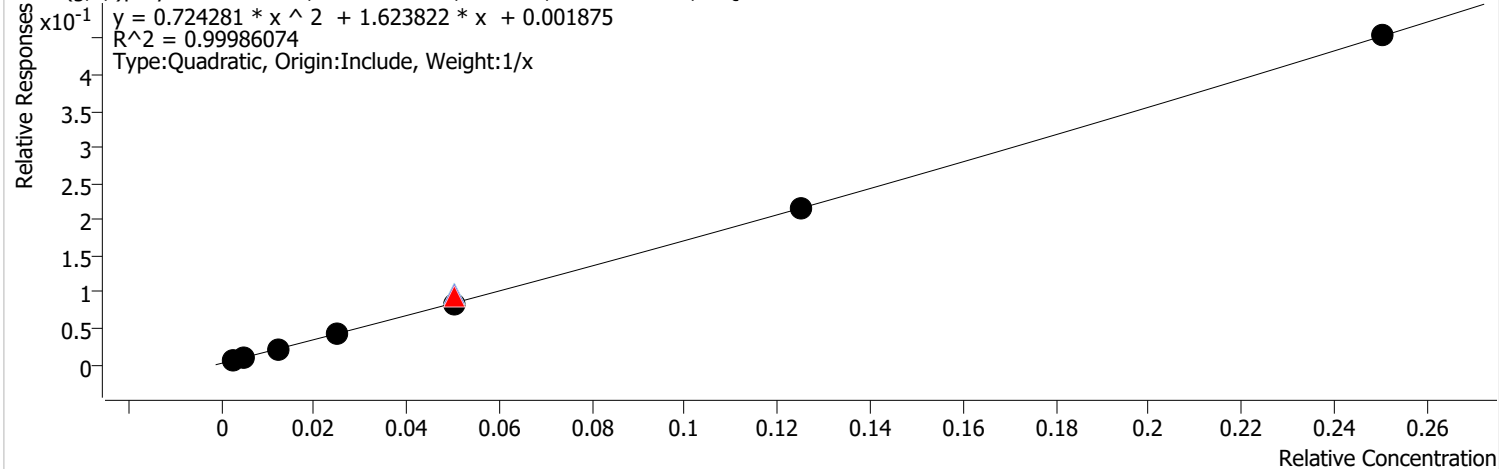
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	673	0.1000	1.9425	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	953	0.2000	1.4203	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	2436	0.5000	1.4333	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	5183	1.0000	1.3865	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	28600	2.0000	1.3510	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	12048	2.0000	1.5608	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	10320	2.0000	1.3257	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	27281	5.0000	1.3586	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	54902	10.0000	1.4318	

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin		
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Analyst Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:09:46 PM	<b>Reporter Name</b>	BL2000\jheine
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Batch State</b>	Processed
<b>Quant Batch Version</b>	10.0	<b>Quant Report Version</b>	10.0

**Benzo(g,h,i)perylene %RSE = 3.0**

Benzo(g,h,i)perylene - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	Calibration	1	x	801	0.1000	2.3122	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	Calibration	2	x	1345	0.2000	2.0051	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	Calibration	3	x	3075	0.5000	1.8092	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	Calibration	4	x	6666	1.0000	1.7831	
\\MASSHUNTER\Org\Data\SV5975.I\sh010421\1 e8270c bna SIM\Jan0402.D	CC	CCV	x	40497	2.0000	1.9131	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D	QC	ICV	x	14979	2.0000	1.9406	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	Calibration	5	x	13028	2.0000	1.6736	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	Calibration	6	x	34498	5.0000	1.7181	
\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	Calibration	7	x	69610	10.0000	1.8154	

# Initial Calibration Report - GCMS

Method Path \\MASSHUNTER\Org\Data\SV5975.I\sh012522\2 e8270c bna SIM  
 Method File 012522 ban SIM 2.batch.bin  
 Batch Name \\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin  
 Last Calib Update 1/27/2022 8:37:26 AM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
7	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D	1/26/2022 5:17:42 PM	1/27/2022 8:37:25 AM
6	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D	1/26/2022 5:50:10 PM	1/27/2022 8:37:25 AM
5	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D	1/26/2022 6:22:37 PM	1/27/2022 8:37:25 AM
4	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D	1/26/2022 6:55:13 PM	1/27/2022 8:37:25 AM
3	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D	1/26/2022 7:27:45 PM	1/27/2022 8:37:25 AM
2	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D	1/26/2022 8:00:19 PM	1/27/2022 8:37:25 AM
1	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D	1/26/2022 8:32:51 PM	1/27/2022 8:37:25 AM

Compound	Curve Fit	7	6	5	4	3	2	1	Avg RF	%RSD
I 1,4-Dichlorobenzene-d4										
S Nitrobenzene-d5	Quadratic	1.1731	1.0988	0.7868	0.7537	0.8140	0.7064	0.7082	0.8630	22.208
I Naphthalene-d8										
T Naphthalene	Quadratic	1.0165	0.9707	1.0698	1.1274	1.1197	1.1549	1.3211	1.1114	10.175
T 2-Methylnaphthalene	Quadratic	0.6187	0.5986	0.6589	0.6354	0.6533	0.7323	0.8181	0.6736	11.345
T 1-Methylnaphthalene	Quadratic	0.6386	0.6041	0.6533	0.6721	0.6976	0.8082	0.8570	0.7044	13.232
I Acenaphthene-d10										
S 2-Fluorobiphenyl	Quadratic	1.5921	1.5522	1.5355	1.6958	1.7370	1.8925	2.0454	1.7215	10.998
T Acenaphthylene	Quadratic	1.9517	1.7707	1.8380	1.9903	1.9425	2.1191	2.4116	2.0034	10.550
T Acenaphthene	Quadratic	1.1001	1.0607	1.0967	1.2471	1.3003	1.5311	1.7630	1.2998	20.089
T Fluorene	Quadratic	1.5156	1.5201	1.5341	1.7229	1.7213	1.8795	2.1782	1.7245	14.037
I Phenanthrene-d10										
T Phenanthrene	Quadratic	1.0751	1.0203	1.0451	1.1107	1.2045	1.3357	1.6670	1.2083	18.989
T Anthracene	Quadratic	0.8404	0.9626	0.9737	1.0120	1.0848	1.3127	1.4560	1.0918	19.848
S o-Terphenyl	Quadratic	0.6107	0.5884	0.6141	0.6285	0.6712	0.7476	0.8004	0.6658	11.945
T Fluoranthene	Quadratic	1.2403	1.2075	1.2160	1.2700	1.3662	1.4608	1.6028	1.3376	11.091
I Chrysene-d12										
T Pyrene	Quadratic	1.7752	1.6423	1.6632	1.8191	1.8763	1.8788	2.3008	1.8508	11.865
S Terphenyl-d14	Quadratic	0.6839	0.6415	0.6722	0.7060	0.7611	0.8118	1.0884	0.7664	19.981
T Benzo(a)Anthracene	Quadratic	1.2048	1.1208	1.1608	1.3217	1.4881	2.1677	3.2162	1.6686	46.229
T Chrysene	Quadratic	1.5180	1.5125	1.5909	1.6722	1.8310	1.9927	2.4450	1.7946	18.705
I Perylene-d12										
T Benzo(b)fluoranthene	Quadratic	1.8080	1.6610	1.4985	1.5546	1.4426	1.7815	1.9419	1.6697	10.933
T Benzo(k)fluoranthene	Quadratic	1.9680	1.8648	1.9279	2.0618	1.8325	2.3345	2.8499	2.1199	17.116
T Benzo(a)pyrene	Quadratic	1.4971	1.3324	1.2868	1.3654	1.3461	1.4107	1.6027	1.4059	7.785
T Indeno(1,2,3-cd)pyrene	Quadratic	1.3493	1.2209	1.1206	1.1621	1.1667	1.3129	1.4278	1.2515	9.090
T Dibenzo(a,h)anthracene	Quadratic	1.4318	1.3586	1.3257	1.3865	1.4333	1.4203	1.9425	1.4713	14.385

# Initial Calibration Report - GCMS

Compound	Curve Fit	7	6	5	4	3	2	1	Avg RF	%RSD
T Benzo(g,h,i)perylene	Quadratic	1.8154	1.7181	1.6736	1.7831	1.8092	2.0051	2.3122	1.8738	11.724

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

## Compounds with Curve fitting not using Avg Response Factor:

Compound	Curve Fit	Curve Fit Formula	Curve Fit R2
S Nitrobenzene-d5	Quadratic	$y = 1.454333 * x^2 + 0.829932 * x - 6.009022E-004$	0.996212
T Naphthalene	Quadratic	$y = -0.071377 * x^2 + 1.020875 * x + 8.877074E-004$	0.998696
T 2-Methylnaphthalene	Quadratic	$y = -0.008005 * x^2 + 0.614897 * x + 5.516865E-004$	0.999285
T 1-Methylnaphthalene	Quadratic	$y = 0.064372 * x^2 + 0.614252 * x + 7.989757E-004$	0.999112
S 2-Fluorobiphenyl	Quadratic	$y = 0.188640 * x^2 + 1.533429 * x + 0.001633$	0.999542
T Acenaphthylene	Quadratic	$y = 0.791020 * x^2 + 1.729900 * x + 0.002052$	0.998959
T Acenaphthene	Quadratic	$y = -0.375324 * x^2 + 1.151457 * x + 0.001616$	0.997004
T Fluorene	Quadratic	$y = -0.163969 * x^2 + 1.544583 * x + 0.001778$	0.999502
T Phenanthrene	Quadratic	$y = 0.280515 * x^2 + 0.992700 * x + 0.001832$	0.999634
T Anthracene	Quadratic	$y = -0.687215 * x^2 + 1.012738 * x + 0.001165$	0.999418
S o-Terphenyl	Quadratic	$y = 0.064155 * x^2 + 0.588943 * x + 6.756009E-004$	0.999631
T Fluoranthene	Quadratic	$y = 0.160229 * x^2 + 1.191670 * x + 0.001259$	0.999778
T Pyrene	Quadratic	$y = 0.626708 * x^2 + 1.599210 * x + 0.001950$	0.999168
S Terphenyl-d14	Quadratic	$y = 0.188487 * x^2 + 0.628033 * x + 0.001170$	0.999408
T Benzo(a)Anthracene	Quadratic	$y = 0.640952 * x^2 + 1.017048 * x + 0.005664$	0.999668
T Chrysene	Quadratic	$y = -0.164864 * x^2 + 1.542937 * x + 0.002446$	0.999691
T Benzo(b)fluoranthene	Quadratic	$y = 1.480981 * x^2 + 1.438329 * x + 0.001228$	0.999668
T Benzo(k)fluoranthene	Quadratic	$y = 0.545382 * x^2 + 1.814513 * x + 0.002502$	0.999226
T Benzo(a)pyrene	Quadratic	$y = 1.087572 * x^2 + 1.214719 * x + 0.001100$	0.999656
T Indeno(1,2,3-cd)pyrene	Quadratic	$y = 1.103915 * x^2 + 1.069844 * x + 0.001001$	0.999909
T Dibenzo(a,h)anthracene	Quadratic	$y = 0.585419 * x^2 + 1.278599 * x + 0.001427$	0.999765
T Benzo(g,h,i)perylene	Quadratic	$y = 0.724281 * x^2 + 1.623822 * x + 0.001875$	0.999861

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike



# Quantitative Analysis Results Summary Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1_e8270c_bna SIM cal\QuantResults\012622_bna SIM 1.batch.bin	<b>Analyst Name</b>	BL2000\jheine
<b>Analysis Time</b>	1/27/2022 9:05 AM	<b>Reporter Name</b>	BL2000\jheine
<b>Report Time</b>	2/10/2022 2:13:01 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	1/27/2022 8:37 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

## Sequence Table

Data File	sample Name	Sample Type	Vial Position	Inj Vol	Level	Acq Method File
Jan2602.D	26-Jan-22_CAL_7	Cal	2	0.1	7	5975BNASIM
Jan2603.D	26-Jan-22_CAL_6	Cal	3	0.1	6	5975BNASIM
Jan2604.D	26-Jan-22_CAL_5	Cal	4	0.1	5	5975BNASIM
Jan2605.D	26-Jan-22_CAL_4	Cal	5	0.1	4	5975BNASIM
Jan2606.D	26-Jan-22_CAL_3	Cal	6	0.1	3	5975BNASIM
Jan2607.D	26-Jan-22_CAL_2	Cal	7	0.1	2	5975BNASIM
Jan2608.D	26-Jan-22_CAL_1	Cal	8	0.1	1	5975BNASIM
Jan2609.D	26-Jan-22_CCV_9	QC	9	0.1	ICV	5975BNASIM

## Quantitation Results

### Compound: Nitrobenzene-d5

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	1,4-Dichlorobenzene-d4	5.106	36073	122997	0.2933	9.8842	10.0000	98.8
Jan2603.D	Calibration	1,4-Dichlorobenzene-d4	5.106	16695	121546	0.1374	5.3807	5.0000	107.6
Jan2604.D	Calibration	1,4-Dichlorobenzene-d4	5.118	4752	120793	0.0393	1.7855	2.0000	89.3
Jan2605.D	Calibration	1,4-Dichlorobenzene-d4	5.118	2239	118804	0.0188	0.9015	1.0000	90.2
Jan2606.D	Calibration	1,4-Dichlorobenzene-d4	5.118	1090	107131	0.0102	0.5080	0.5000	101.6
Jan2607.D	Calibration	1,4-Dichlorobenzene-d4	5.131	376	106391	0.0035	0.1975	0.2000	98.7
Jan2608.D	Calibration	1,4-Dichlorobenzene-d4	5.131	184	103972	0.0018	0.1137	0.1000	113.7
Jan2609.D	QC	1,4-Dichlorobenzene-d4	5.118	5997	116299	0.0516	2.2854	2.0000	114.3

### Compound: Naphthalene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Naphthalene-d8	5.941	57793	227420	0.2541	10.1007	10.0000	101.0
Jan2603.D	Calibration	Naphthalene-d8	5.941	28378	233866	0.1213	4.7592	5.0000	95.2
Jan2604.D	Calibration	Naphthalene-d8	5.941	11591	216708	0.0535	2.0685	2.0000	103.4
Jan2605.D	Calibration	Naphthalene-d8	5.941	5832	206930	0.0282	1.0716	1.0000	107.2
Jan2606.D	Calibration	Naphthalene-d8	5.941	2733	195249	0.0140	0.5141	0.5000	102.8
Jan2607.D	Calibration	Naphthalene-d8	5.941	1109	192032	0.0058	0.1915	0.2000	95.8
Jan2608.D	Calibration	Naphthalene-d8	5.941	649	196590	0.0033	0.0946	0.1000	94.6
Jan2609.D	QC	Naphthalene-d8	5.941	12403	221507	0.0560	2.1673	2.0000	108.4

### Compound: 2-Methylnaphthalene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Naphthalene-d8	6.777	35177	227420	0.1547	10.0592	10.0000	100.6
Jan2603.D	Calibration	Naphthalene-d8	6.778	17499	233866	0.0748	4.8393	5.0000	96.8
Jan2604.D	Calibration	Naphthalene-d8	6.777	7140	216708	0.0329	2.1088	2.0000	105.4

# Quantitative Analysis Results Summary Report

## Compound: 2-Methylnaphthalene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2605.D	Calibration	Naphthalene-d8	6.777	3287	206930	0.0159	0.9978	1.0000	99.8
Jan2606.D	Calibration	Naphthalene-d8	6.777	1595	195249	0.0082	0.4954	0.5000	99.1
Jan2607.D	Calibration	Naphthalene-d8	6.777	703	192032	0.0037	0.2023	0.2000	101.2
Jan2608.D	Calibration	Naphthalene-d8	6.777	402	196590	0.0020	0.0972	0.1000	97.2
Jan2609.D	QC	Naphthalene-d8	6.777	8066	221507	0.0364	2.3346	2.0000	116.7

## Compound: 1-Methylnaphthalene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Naphthalene-d8	6.877	36308	227420	0.1596	10.0782	10.0000	100.8
Jan2603.D	Calibration	Naphthalene-d8	6.877	17660	233866	0.0755	4.8049	5.0000	96.1
Jan2604.D	Calibration	Naphthalene-d8	6.877	7079	216708	0.0327	2.0639	2.0000	103.2
Jan2605.D	Calibration	Naphthalene-d8	6.890	3477	206930	0.0168	1.0393	1.0000	103.9
Jan2606.D	Calibration	Naphthalene-d8	6.890	1703	195249	0.0087	0.5151	0.5000	103.0
Jan2607.D	Calibration	Naphthalene-d8	6.890	776	192032	0.0040	0.2110	0.2000	105.5
Jan2608.D	Calibration	Naphthalene-d8	6.890	421	196590	0.0021	0.0875	0.1000	87.5
Jan2609.D	QC	Naphthalene-d8	6.877	7747	221507	0.0350	2.2126	2.0000	110.6

## Compound: 2-Fluorobiphenyl

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Acenaphthene-d10	7.239	55651	139817	0.3980	10.0306	10.0000	100.3
Jan2603.D	Calibration	Acenaphthene-d10	7.252	28336	146048	0.1940	4.9433	5.0000	98.9
Jan2604.D	Calibration	Acenaphthene-d10	7.252	10896	141919	0.0768	1.9484	2.0000	97.4
Jan2605.D	Calibration	Acenaphthene-d10	7.252	5663	133588	0.0424	1.0598	1.0000	106.0
Jan2606.D	Calibration	Acenaphthene-d10	7.252	2663	122643	0.0217	0.5229	0.5000	104.6
Jan2607.D	Calibration	Acenaphthene-d10	7.252	1149	121408	0.0095	0.2041	0.2000	102.1
Jan2608.D	Calibration	Acenaphthene-d10	7.252	650	127169	0.0051	0.0908	0.1000	90.8
Jan2609.D	QC	Acenaphthene-d10	7.252	11419	138731	0.0823	2.0910	2.0000	104.6

## Compound: Acenaphthylene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Acenaphthene-d10	7.814	68221	139817	0.4879	10.0746	10.0000	100.7
Jan2603.D	Calibration	Acenaphthene-d10	7.814	32326	146048	0.2213	4.8064	5.0000	96.1
Jan2604.D	Calibration	Acenaphthene-d10	7.814	13042	141919	0.0919	2.0304	2.0000	101.5
Jan2605.D	Calibration	Acenaphthene-d10	7.813	6647	133588	0.0498	1.0895	1.0000	109.0
Jan2606.D	Calibration	Acenaphthene-d10	7.826	2978	122643	0.0243	0.5110	0.5000	102.2
Jan2607.D	Calibration	Acenaphthene-d10	7.826	1286	121408	0.0106	0.1971	0.2000	98.6
Jan2608.D	Calibration	Acenaphthene-d10	7.826	767	127169	0.0060	0.0919	0.1000	91.9
Jan2609.D	QC	Acenaphthene-d10	7.814	13549	138731	0.0977	2.1576	2.0000	107.9

## Compound: Acenaphthene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Acenaphthene-d10	8.025	38452	139817	0.2750	10.3748	10.0000	103.7

# Quantitative Analysis Results Summary Report

**Compound: Acenaphthene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2603.D	Calibration	Acenaphthene-d10	8.026	19363	146048	0.1326	4.7320	5.0000	94.6
Jan2604.D	Calibration	Acenaphthene-d10	8.025	7782	141919	0.0548	1.8775	2.0000	93.9
Jan2605.D	Calibration	Acenaphthene-d10	8.025	4165	133588	0.0312	1.0357	1.0000	103.6
Jan2606.D	Calibration	Acenaphthene-d10	8.025	1993	122643	0.0163	0.5106	0.5000	102.1
Jan2607.D	Calibration	Acenaphthene-d10	8.025	929	121408	0.0077	0.2102	0.2000	105.1
Jan2608.D	Calibration	Acenaphthene-d10	8.025	560	127169	0.0044	0.0971	0.1000	97.1
Jan2609.D	QC	Acenaphthene-d10	8.025	9230	138731	0.0665	2.2980	2.0000	114.9

**Compound: Fluorene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Acenaphthene-d10	8.661	52976	139817	0.3789	10.0333	10.0000	100.3
Jan2603.D	Calibration	Acenaphthene-d10	8.661	27751	146048	0.1900	4.9395	5.0000	98.8
Jan2604.D	Calibration	Acenaphthene-d10	8.661	10886	141919	0.0767	1.9505	2.0000	97.5
Jan2605.D	Calibration	Acenaphthene-d10	8.661	5754	133588	0.0431	1.0725	1.0000	107.2
Jan2606.D	Calibration	Acenaphthene-d10	8.661	2639	122643	0.0215	0.5119	0.5000	102.4
Jan2607.D	Calibration	Acenaphthene-d10	8.661	1141	121408	0.0094	0.1974	0.2000	98.7
Jan2608.D	Calibration	Acenaphthene-d10	8.661	693	127169	0.0054	0.0950	0.1000	95.0
Jan2609.D	QC	Acenaphthene-d10	8.661	11769	138731	0.0848	2.1632	2.0000	108.2

**Compound: Phenanthrene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Phenanthrene-d10	9.793	82275	306110	0.2688	10.0436	10.0000	100.4
Jan2603.D	Calibration	Phenanthrene-d10	9.793	39590	310415	0.1275	4.8959	5.0000	97.9
Jan2604.D	Calibration	Phenanthrene-d10	9.793	15947	305194	0.0523	2.0033	2.0000	100.2
Jan2605.D	Calibration	Phenanthrene-d10	9.793	8253	297219	0.0278	1.0374	1.0000	103.7
Jan2606.D	Calibration	Phenanthrene-d10	9.793	3972	263782	0.0151	0.5309	0.5000	106.2
Jan2607.D	Calibration	Phenanthrene-d10	9.793	1762	263871	0.0067	0.1950	0.2000	97.5
Jan2608.D	Calibration	Phenanthrene-d10	9.793	1114	267387	0.0042	0.0940	0.1000	94.0
Jan2609.D	QC	Phenanthrene-d10	9.793	17438	292610	0.0596	2.2905	2.0000	114.5

**Compound: Anthracene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Phenanthrene-d10	9.854	64314	306110	0.2101	9.9226	10.0000	99.2
Jan2603.D	Calibration	Phenanthrene-d10	9.854	37352	310415	0.1203	5.1579	5.0000	103.2
Jan2604.D	Calibration	Phenanthrene-d10	9.854	14858	305194	0.0487	1.9408	2.0000	97.0
Jan2605.D	Calibration	Phenanthrene-d10	9.854	7520	297219	0.0253	0.9692	1.0000	96.9
Jan2606.D	Calibration	Phenanthrene-d10	9.854	3577	263782	0.0136	0.4937	0.5000	98.7
Jan2607.D	Calibration	Phenanthrene-d10	9.854	1732	263871	0.0066	0.2140	0.2000	107.0
Jan2608.D	Calibration	Phenanthrene-d10	9.854	973	267387	0.0036	0.0979	0.1000	97.9
Jan2609.D	QC	Phenanthrene-d10	9.854	16918	292610	0.0578	2.3296	2.0000	116.5

# Quantitative Analysis Results Summary Report

**Compound: o-Terphenyl**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Phenanthrene-d10	10.299	46733	306110	0.1527	10.0480	10.0000	100.5
Jan2603.D	Calibration	Phenanthrene-d10	10.299	22829	310415	0.0735	4.8842	5.0000	97.7
Jan2604.D	Calibration	Phenanthrene-d10	10.299	9371	305194	0.0307	2.0283	2.0000	101.4
Jan2605.D	Calibration	Phenanthrene-d10	10.299	4670	297219	0.0157	1.0184	1.0000	101.8
Jan2606.D	Calibration	Phenanthrene-d10	10.299	2213	263782	0.0084	0.5232	0.5000	104.6
Jan2607.D	Calibration	Phenanthrene-d10	10.299	986	263871	0.0037	0.2079	0.2000	103.9
Jan2608.D	Calibration	Phenanthrene-d10	10.299	535	267387	0.0020	0.0900	0.1000	90.0
Jan2609.D	QC	Phenanthrene-d10	10.299	10208	292610	0.0349	2.3089	2.0000	115.4

**Compound: Fluoranthene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Phenanthrene-d10	11.398	94914	306110	0.3101	10.0275	10.0000	100.3
Jan2603.D	Calibration	Phenanthrene-d10	11.398	46854	310415	0.1509	4.9422	5.0000	98.8
Jan2604.D	Calibration	Phenanthrene-d10	11.411	18556	305194	0.0608	1.9853	2.0000	99.3
Jan2605.D	Calibration	Phenanthrene-d10	11.411	9437	297219	0.0318	1.0200	1.0000	102.0
Jan2606.D	Calibration	Phenanthrene-d10	11.423	4505	263782	0.0171	0.5300	0.5000	106.0
Jan2607.D	Calibration	Phenanthrene-d10	11.423	1927	263871	0.0073	0.2028	0.2000	101.4
Jan2608.D	Calibration	Phenanthrene-d10	11.423	1071	267387	0.0040	0.0922	0.1000	92.2
Jan2609.D	QC	Phenanthrene-d10	11.411	20028	292610	0.0684	2.2383	2.0000	111.9

**Compound: Pyrene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Chrysene-d12	11.769	104545	235573	0.4438	10.0599	10.0000	100.6
Jan2603.D	Calibration	Chrysene-d12	11.781	50901	247943	0.2053	4.8551	5.0000	97.1
Jan2604.D	Calibration	Chrysene-d12	11.781	20015	240679	0.0832	1.9923	2.0000	99.6
Jan2605.D	Calibration	Chrysene-d12	11.781	10476	230359	0.0455	1.0774	1.0000	107.7
Jan2606.D	Calibration	Chrysene-d12	11.794	4977	212195	0.0235	0.5351	0.5000	107.0
Jan2607.D	Calibration	Chrysene-d12	11.794	1996	212491	0.0094	0.1858	0.2000	92.9
Jan2608.D	Calibration	Chrysene-d12	11.794	1244	216320	0.0058	0.0950	0.1000	95.0
Jan2609.D	QC	Chrysene-d12	11.781	21819	238801	0.0914	2.1896	2.0000	109.5

**Compound: Terphenyl-d14**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Chrysene-d12	12.251	40278	235573	0.1710	10.0564	10.0000	100.6
Jan2603.D	Calibration	Chrysene-d12	12.251	19882	247943	0.0802	4.8558	5.0000	97.1
Jan2604.D	Calibration	Chrysene-d12	12.251	8089	240679	0.0336	2.0350	2.0000	101.8
Jan2605.D	Calibration	Chrysene-d12	12.251	4066	230359	0.0176	1.0414	1.0000	104.1
Jan2606.D	Calibration	Chrysene-d12	12.251	2019	212195	0.0095	0.5293	0.5000	105.9
Jan2607.D	Calibration	Chrysene-d12	12.263	862	212491	0.0041	0.1837	0.2000	91.9
Jan2608.D	Calibration	Chrysene-d12	12.263	589	216320	0.0027	0.0987	0.1000	98.7
Jan2609.D	QC	Chrysene-d12	12.251	8509	238801	0.0356	2.1600	2.0000	108.0

# Quantitative Analysis Results Summary Report

**Compound: Benzo(a)Anthracene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Chrysene-d12	14.677	70953	235573	0.3012	10.0361	10.0000	100.4
Jan2603.D	Calibration	Chrysene-d12	14.677	34738	247943	0.1401	4.9080	5.0000	98.2
Jan2604.D	Calibration	Chrysene-d12	14.677	13969	240679	0.0580	1.9971	2.0000	99.9
Jan2605.D	Calibration	Chrysene-d12	14.677	7611	230359	0.0330	1.0591	1.0000	105.9
Jan2606.D	Calibration	Chrysene-d12	14.677	3947	212195	0.0186	0.5048	0.5000	101.0
Jan2607.D	Calibration	Chrysene-d12	14.689	2303	212491	0.0108	0.2029	0.2000	101.4
Jan2608.D	Calibration	Chrysene-d12	14.689	1739	216320	0.0080	0.0933	0.1000	93.3
Jan2609.D	QC	Chrysene-d12	14.677	16376	238801	0.0686	2.3846	2.0000	119.2

**Compound: Chrysene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Chrysene-d12	14.776	89400	235573	0.3795	10.0444	10.0000	100.4
Jan2603.D	Calibration	Chrysene-d12	14.764	46876	247943	0.1891	4.9021	5.0000	98.0
Jan2604.D	Calibration	Chrysene-d12	14.764	19145	240679	0.0795	2.0096	2.0000	100.5
Jan2605.D	Calibration	Chrysene-d12	14.764	9630	230359	0.0418	1.0232	1.0000	102.3
Jan2606.D	Calibration	Chrysene-d12	14.764	4857	212195	0.0229	0.5307	0.5000	106.1
Jan2607.D	Calibration	Chrysene-d12	14.764	2117	212491	0.0100	0.1950	0.2000	97.5
Jan2608.D	Calibration	Chrysene-d12	14.764	1322	216320	0.0061	0.0951	0.1000	95.1
Jan2609.D	QC	Chrysene-d12	14.764	21378	238801	0.0895	2.2712	2.0000	113.6

**Compound: Benzo(b)fluoranthene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Perylene-d12	17.708	69326	153374	0.4520	9.9749	10.0000	99.7
Jan2603.D	Calibration	Perylene-d12	17.709	33353	160637	0.2076	5.0766	5.0000	101.5
Jan2604.D	Calibration	Perylene-d12	17.709	11665	155689	0.0749	1.9514	2.0000	97.6
Jan2605.D	Calibration	Perylene-d12	17.708	5811	149526	0.0389	1.0199	1.0000	102.0
Jan2606.D	Calibration	Perylene-d12	17.721	2452	135956	0.0180	0.4618	0.5000	92.4
Jan2607.D	Calibration	Perylene-d12	17.721	1195	134184	0.0089	0.2124	0.2000	106.2
Jan2608.D	Calibration	Perylene-d12	17.721	673	138644	0.0049	0.1006	0.1000	100.6
Jan2609.D	QC	Perylene-d12	17.709	14117	154381	0.0914	2.3648	2.0000	118.2

**Compound: Benzo(k)fluoranthene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Perylene-d12	17.770	75461	153374	0.4920	10.0343	10.0000	100.3
Jan2603.D	Calibration	Perylene-d12	17.770	37444	160637	0.2331	4.9027	5.0000	98.1
Jan2604.D	Calibration	Perylene-d12	17.770	15008	155689	0.0964	2.0386	2.0000	101.9
Jan2605.D	Calibration	Perylene-d12	17.770	7708	149526	0.0515	1.0725	1.0000	107.3
Jan2606.D	Calibration	Perylene-d12	17.783	3114	135956	0.0229	0.4483	0.5000	89.7
Jan2607.D	Calibration	Perylene-d12	17.783	1566	134184	0.0117	0.2019	0.2000	100.9
Jan2608.D	Calibration	Perylene-d12	17.783	988	138644	0.0071	0.1018	0.1000	101.8
Jan2609.D	QC	Perylene-d12	17.770	15799	154381	0.1023	2.1657	2.0000	108.3

# Quantitative Analysis Results Summary Report

**Compound: Benzo(a)pyrene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Perylene-d12	18.351	57404	153374	0.3743	10.0346	10.0000	100.3
Jan2603.D	Calibration	Perylene-d12	18.351	26754	160637	0.1666	4.9089	5.0000	98.2
Jan2604.D	Calibration	Perylene-d12	18.351	10017	155689	0.0643	1.9935	2.0000	99.7
Jan2605.D	Calibration	Perylene-d12	18.363	5104	149526	0.0341	1.0626	1.0000	106.3
Jan2606.D	Calibration	Perylene-d12	18.363	2288	135956	0.0168	0.5120	0.5000	102.4
Jan2607.D	Calibration	Perylene-d12	18.363	946	134184	0.0071	0.1952	0.2000	97.6
Jan2608.D	Calibration	Perylene-d12	18.363	556	138644	0.0040	0.0955	0.1000	95.5
Jan2609.D	QC	Perylene-d12	18.351	10914	154381	0.0707	2.1850	2.0000	109.2

**Compound: Indeno(1,2,3-cd)pyrene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Perylene-d12	20.204	51736	153374	0.3373	9.9966	10.0000	100.0
Jan2603.D	Calibration	Perylene-d12	20.204	24515	160637	0.1526	5.0187	5.0000	100.4
Jan2604.D	Calibration	Perylene-d12	20.217	8723	155689	0.0560	1.9586	2.0000	97.9
Jan2605.D	Calibration	Perylene-d12	20.217	4344	149526	0.0291	1.0219	1.0000	102.2
Jan2606.D	Calibration	Perylene-d12	20.217	1983	135956	0.0146	0.5014	0.5000	100.3
Jan2607.D	Calibration	Perylene-d12	20.229	881	134184	0.0066	0.2069	0.2000	103.5
Jan2608.D	Calibration	Perylene-d12	20.229	495	138644	0.0036	0.0958	0.1000	95.8
Jan2609.D	QC	Perylene-d12	20.204	9615	154381	0.0623	2.1697	2.0000	108.5

**Compound: Dibenzo(a,h)anthracene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Perylene-d12	20.278	54902	153374	0.3580	10.0075	10.0000	100.1
Jan2603.D	Calibration	Perylene-d12	20.279	27281	160637	0.1698	4.9840	5.0000	99.7
Jan2604.D	Calibration	Perylene-d12	20.279	10320	155689	0.0663	1.9839	2.0000	99.2
Jan2605.D	Calibration	Perylene-d12	20.278	5183	149526	0.0347	1.0277	1.0000	102.8
Jan2606.D	Calibration	Perylene-d12	20.291	2436	135956	0.0179	0.5128	0.5000	102.6
Jan2607.D	Calibration	Perylene-d12	20.291	953	134184	0.0071	0.1771	0.2000	88.6
Jan2608.D	Calibration	Perylene-d12	20.291	673	138644	0.0049	0.1071	0.1000	107.1
Jan2609.D	QC	Perylene-d12	20.279	12048	154381	0.0780	2.3344	2.0000	116.7

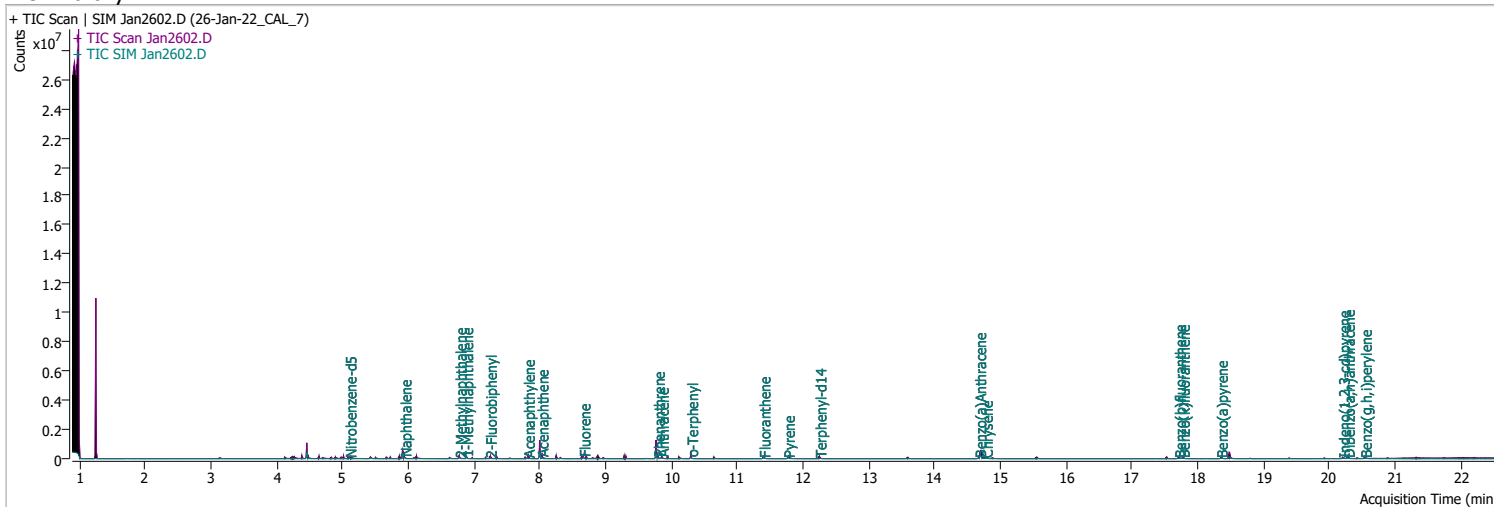
**Compound: Benzo(g,h,i)perylene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
Jan2602.D	Calibration	Perylene-d12	20.538	69610	153374	0.4539	10.0154	10.0000	100.2
Jan2603.D	Calibration	Perylene-d12	20.538	34498	160637	0.2148	4.9687	5.0000	99.4
Jan2604.D	Calibration	Perylene-d12	20.538	13028	155689	0.0837	1.9718	2.0000	98.6
Jan2605.D	Calibration	Perylene-d12	20.550	6666	149526	0.0446	1.0399	1.0000	104.0
Jan2606.D	Calibration	Perylene-d12	20.550	3075	135956	0.0226	0.5080	0.5000	101.6
Jan2607.D	Calibration	Perylene-d12	20.550	1345	134184	0.0100	0.2003	0.2000	100.2
Jan2608.D	Calibration	Perylene-d12	20.550	801	138644	0.0058	0.0961	0.1000	96.1
Jan2609.D	QC	Perylene-d12	20.538	14979	154381	0.0970	2.2857	2.0000	114.3

# Quantitation Results Report (QT Reviewed)

Data File	Jan2602.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/26/2022 5:17:42 PM
Sample Name	26-Jan-22_CAL_7	Instrument	GCMS
Vial	2	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.460	152.0	122997	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	227420	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.000	164.0	139817	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	306110	40.0000	ng/ml	0.000
M Chrysene-d12	14.701	240.0	235573	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	153374	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	36073	9.8842	ng/ml	-0.013
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 197.68%	*	
S 2-Fluorobiphenyl	7.239	172.0	55651	10.0306	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 200.61%	*	
S o-Terphenyl	10.299	230.0	46733	10.0480	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 200.96%	*	
S Terphenyl-d14	12.251	244.0	40278	10.0564	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 201.13%	*	
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	57793	10.1007	ng/ml	93
T 2-Methylnaphthalene	6.777	141.0	35177	10.0592	ng/ml	91
T 1-Methylnaphthalene	6.877	141.0	36308	10.0782	ng/ml	99
T Acenaphthylene	7.814	152.0	68221	10.0746	ng/ml	99
T Acenaphthene	8.025	154.0	38452	10.3748	ng/ml	m 99
T Fluorene	8.661	166.0	52976	10.0333	ng/ml	97
T Phenanthrene	9.793	178.0	82275	10.0436	ng/ml	m 100
T Anthracene	9.854	178.0	64314	9.9226	ng/ml	94
T Fluoranthene	11.398	202.0	94914	10.0275	ng/ml	98
T Pyrene	11.769	202.0	104545	10.0599	ng/ml	98
T Benzo(a)Anthracene	14.677	228.0	70953	10.0361	ng/ml	98
T Chrysene	14.776	228.0	89400	10.0444	ng/ml	98
T Benzo(b)fluoranthene	17.708	252.0	69326	9.9749	ng/ml	98

# Quantitation Results Report (QT Reviewed)

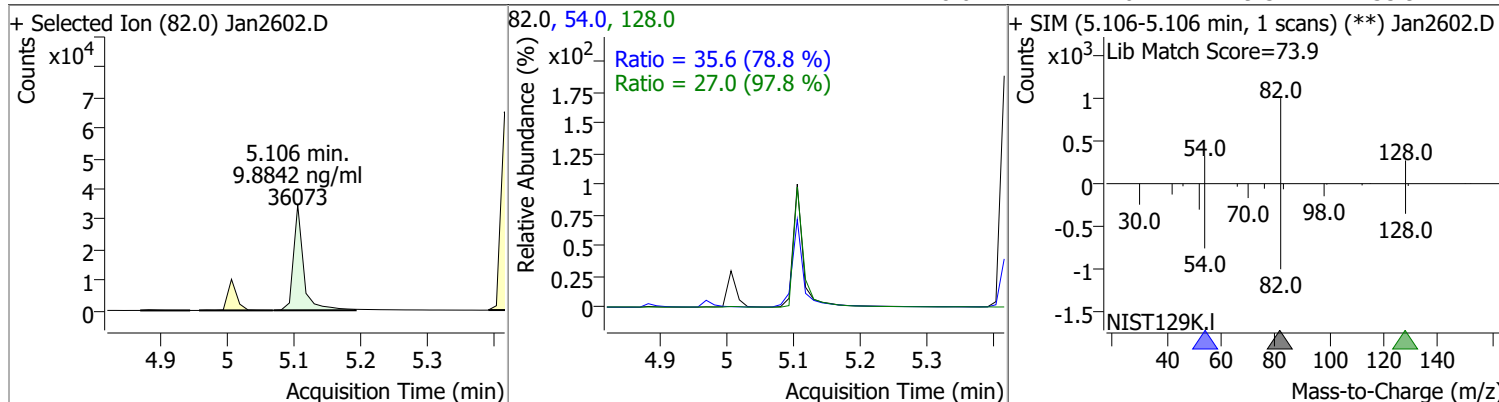
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	75461	10.0343	ng/ml	91
T Benzo(a)pyrene	18.351	252.0	57404	10.0346	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.204	276.0	51736	9.9966	ng/ml	95
T Dibenzo(a,h)anthracene	20.278	278.0	54902	10.0075	ng/ml	100
T Benzo(g,h,i)perylene	20.538	276.0	69610	10.0154	ng/ml	97

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

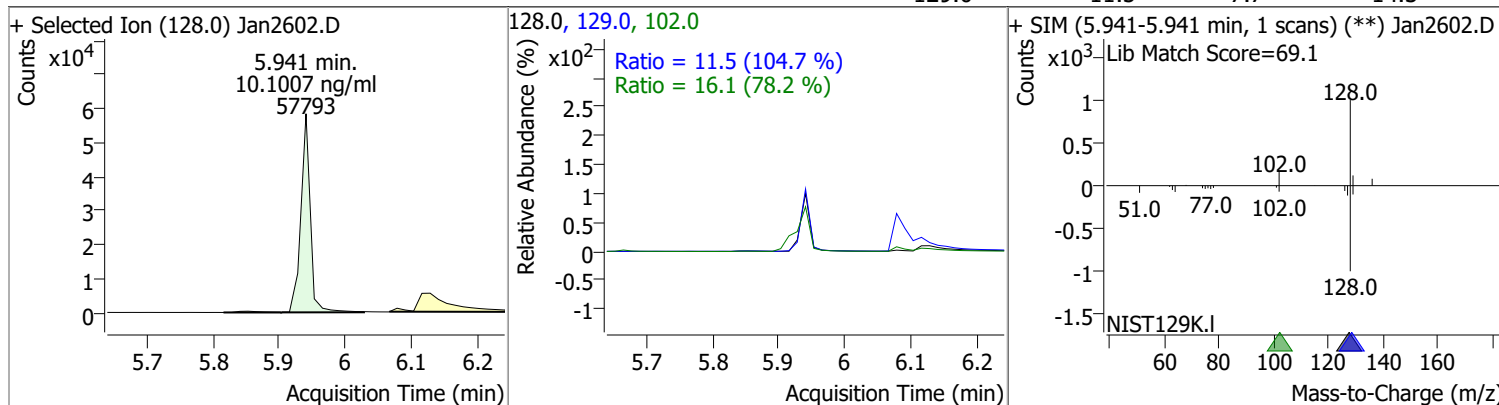


# Quantitation Results Report (QT Reviewed)

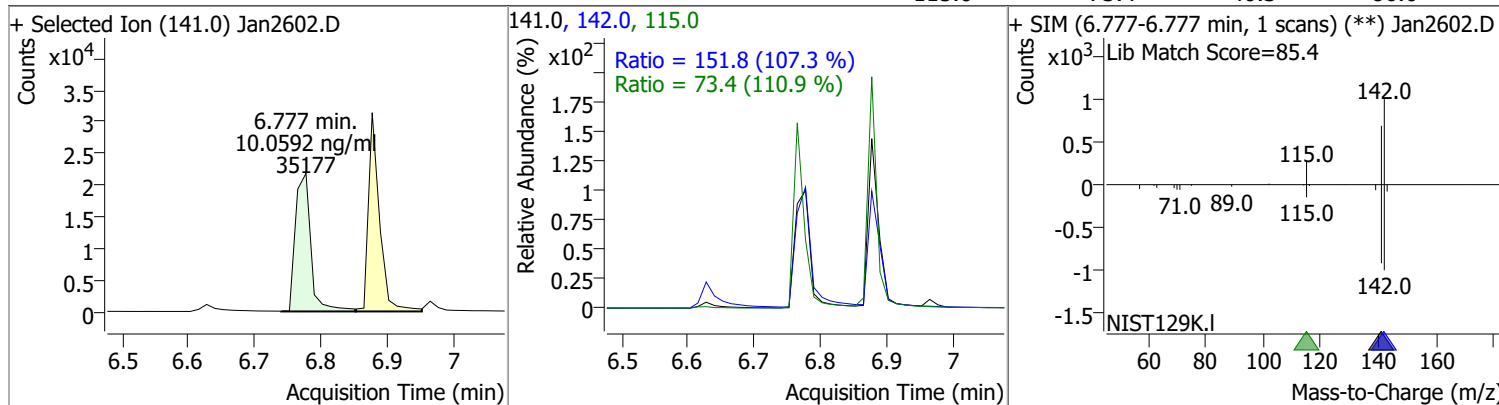
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	9.8842	5.11	-0.01	36073	54.0	35.6	31.6	58.8
					128.0	27.0	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	10.1007	5.94	0.00	57793	102.0	16.1	0.0	61.8
					129.0	11.5	7.7	14.3

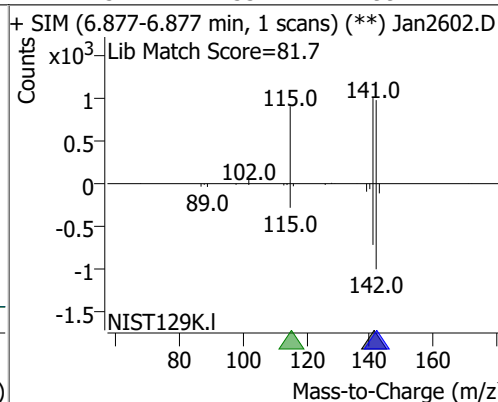
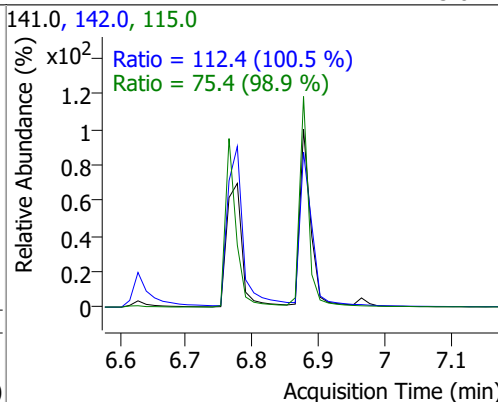
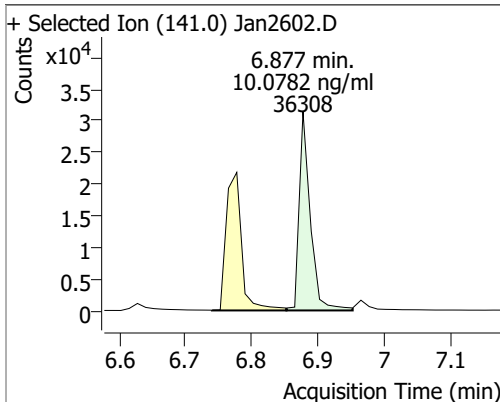


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	10.0592	6.78	0.00	35177	142.0	151.8	99.1	184.0
					115.0	73.4	46.3	86.0

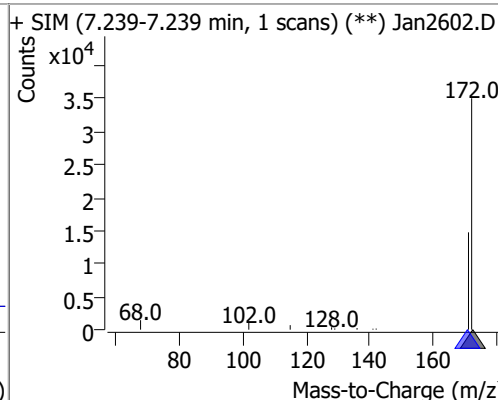
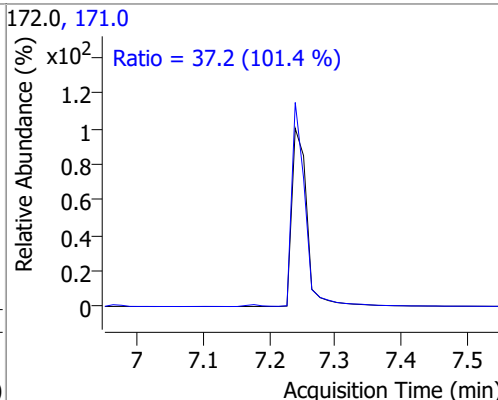
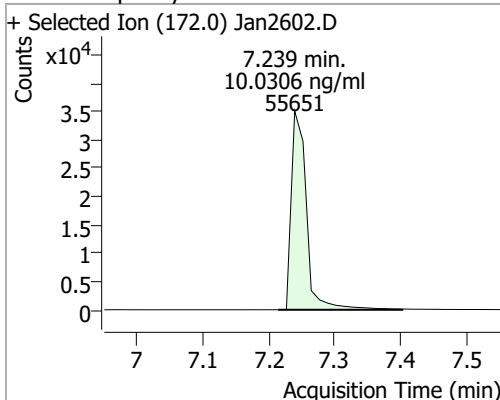


# Quantitation Results Report (QT Reviewed)

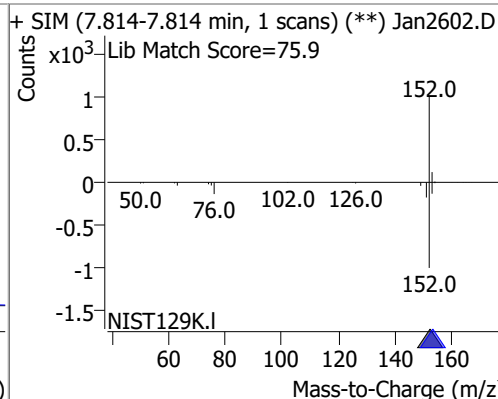
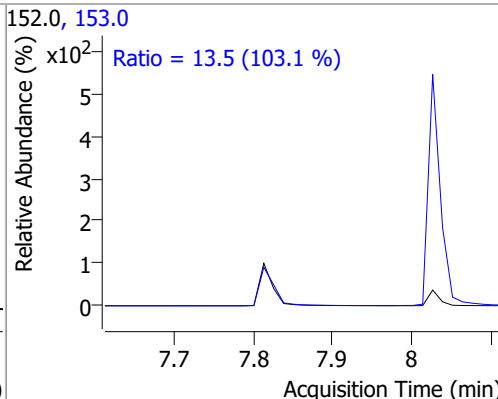
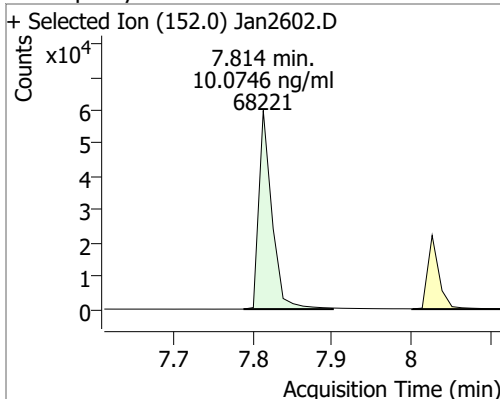
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	10.0782	6.88	0.00	36308	142.0	112.4	78.3	145.5
					115.0	75.4	53.4	99.2



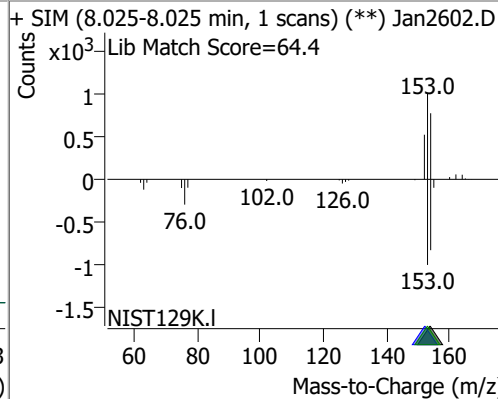
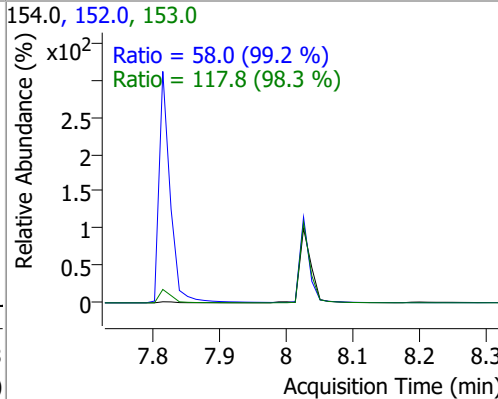
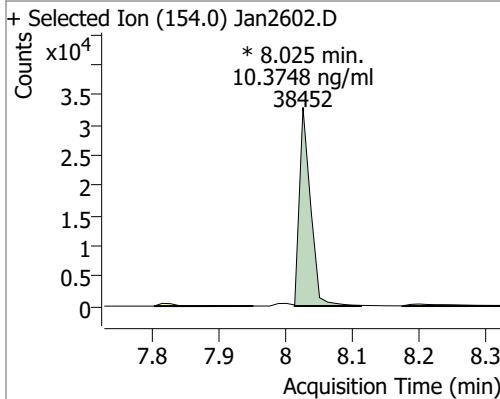
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	10.0306	7.24	-0.01	55651	171.0	37.2	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	10.0746	7.81	0.00	68221	153.0	13.5	9.1	17.0

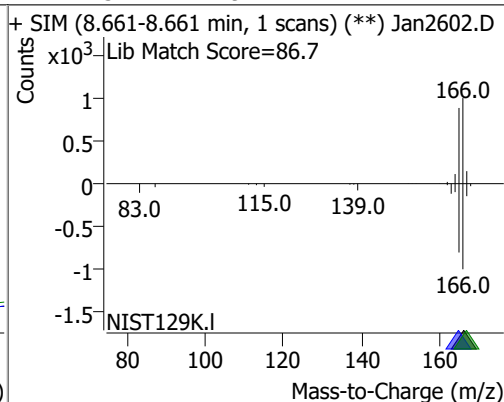
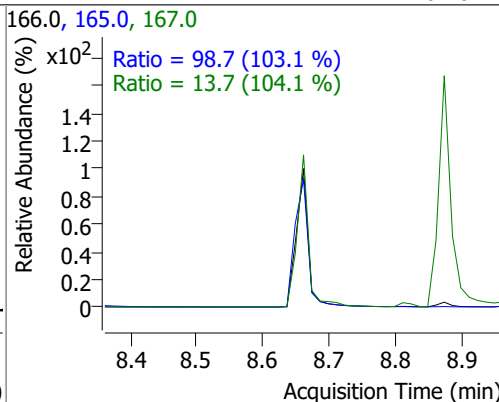
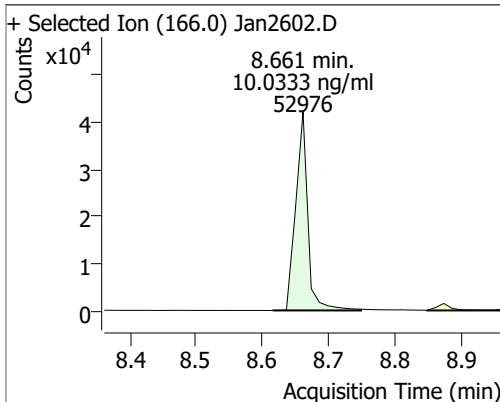


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	10.3748	8.03	0.00	38452 (m)	153.0	117.8	83.9	155.8
					152.0	58.0	40.9	76.0

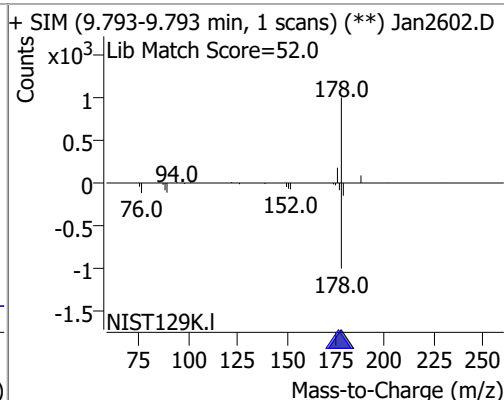
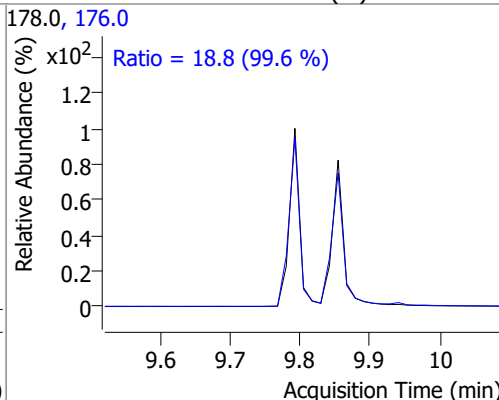
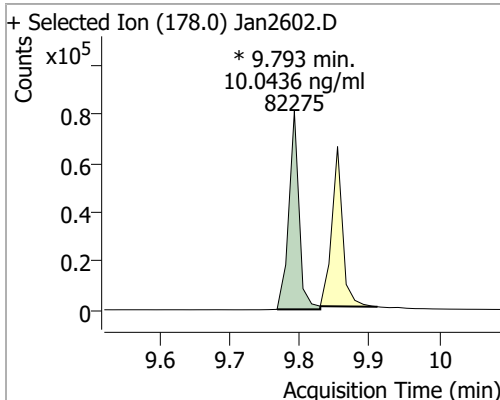


# Quantitation Results Report (QT Reviewed)

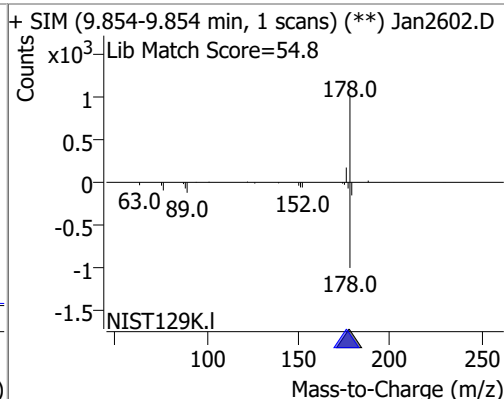
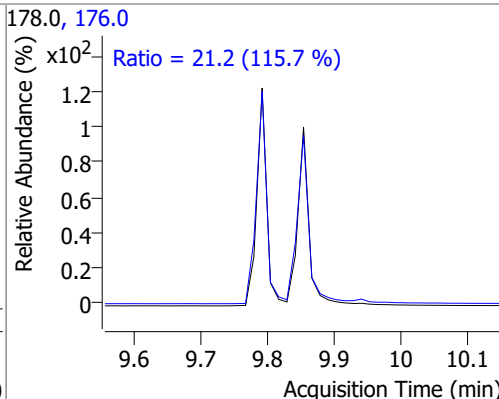
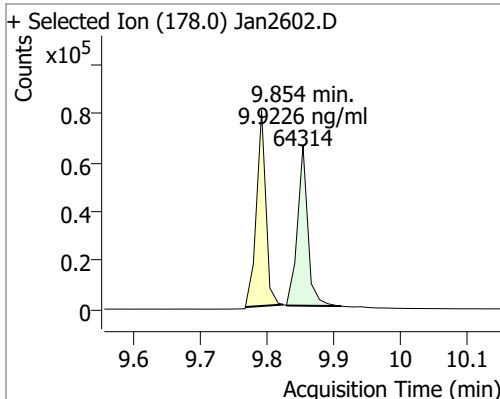
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	10.0333	8.66	0.00	52976	165.0	98.7	67.0	124.5
					167.0	13.7	9.2	17.1



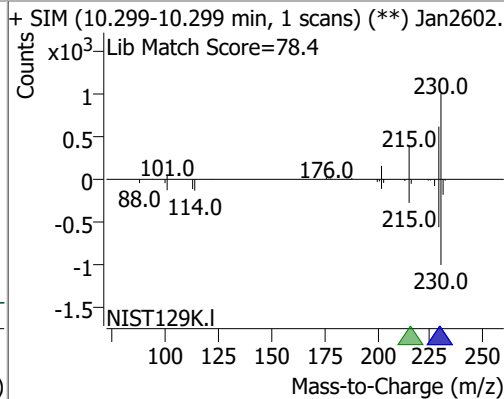
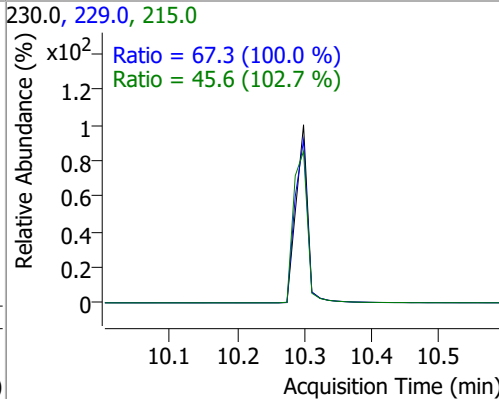
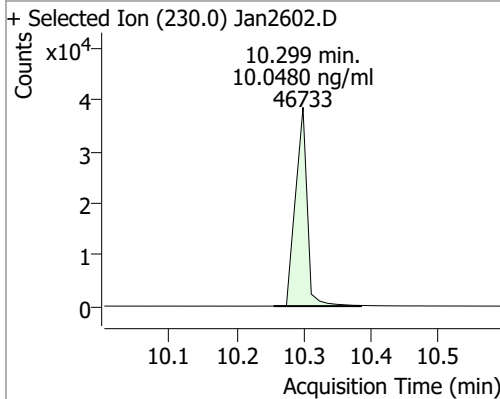
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	10.0436	9.79	0.00	82275 (m)	176.0	18.8	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	9.9226	9.85	0.00	64314	176.0	21.2	12.8	23.8

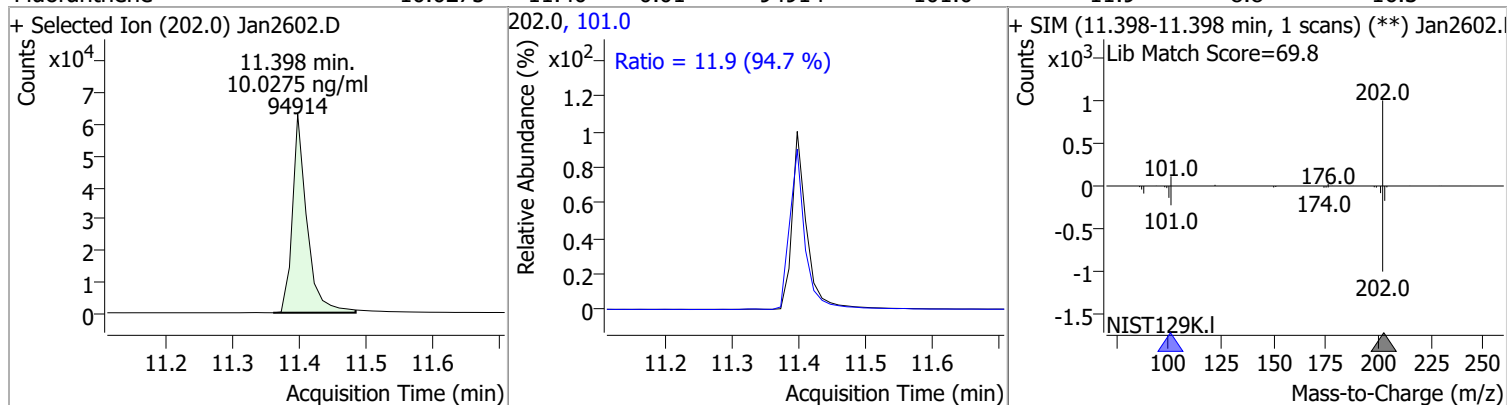


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	10.0480	10.30	0.00	46733	229.0	67.3	47.1	87.5
					215.0	45.6	31.1	57.7

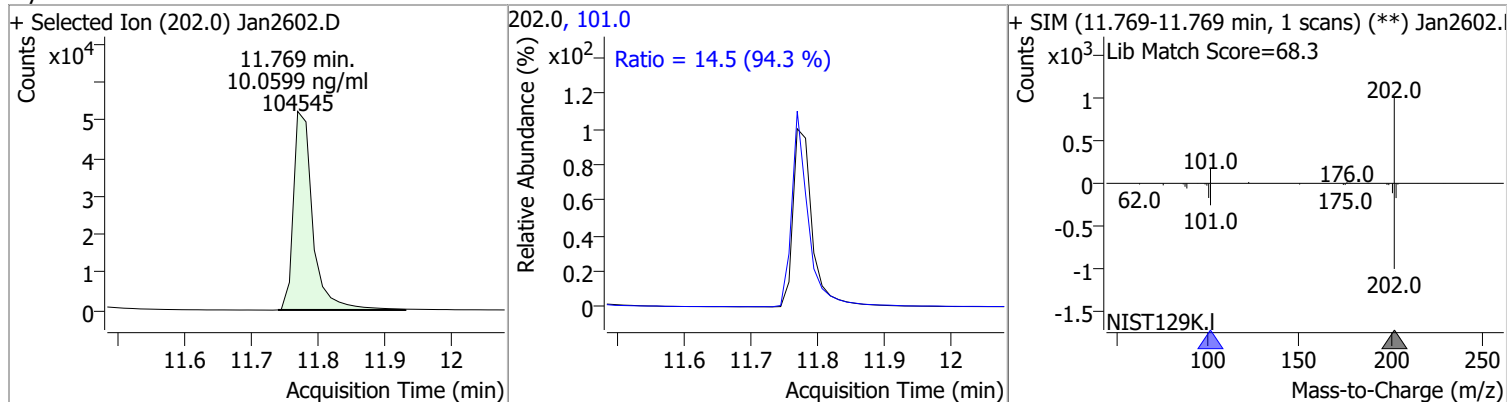


# Quantitation Results Report (QT Reviewed)

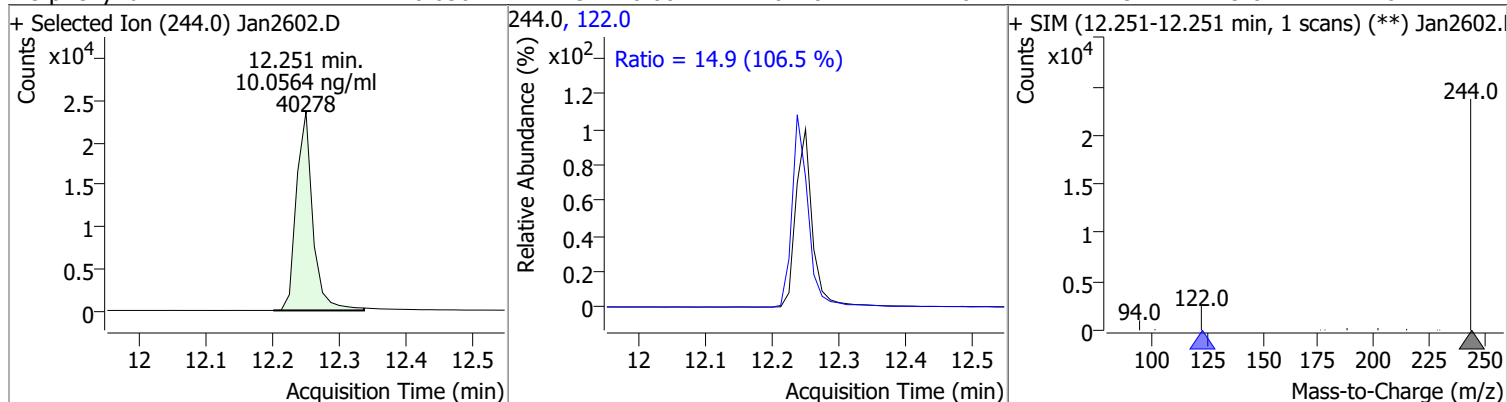
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	10.0275	11.40	-0.01	94914	101.0	11.9	8.8	16.3



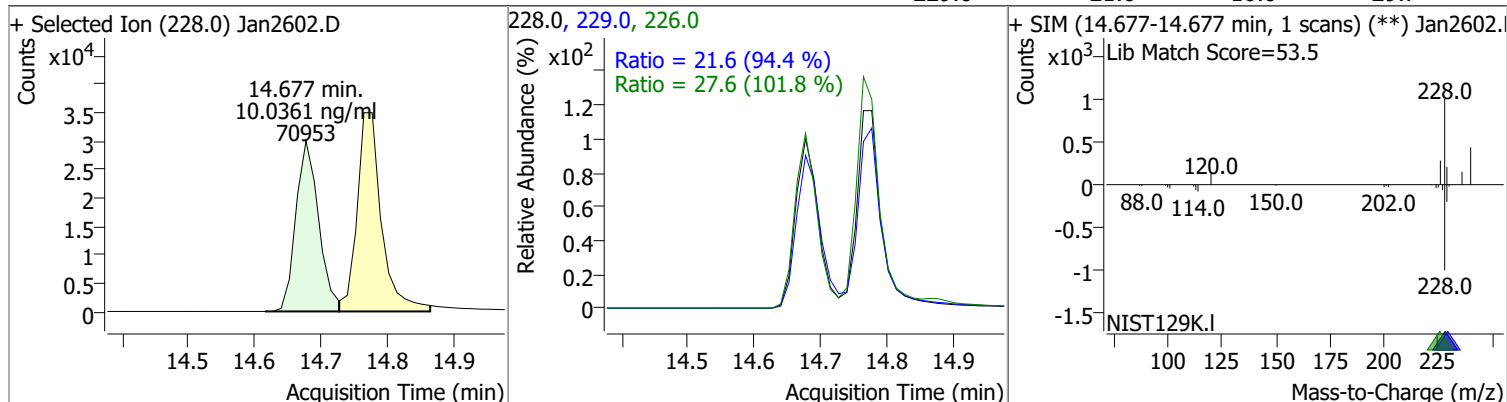
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	10.0599	11.77	-0.01	104545	101.0	14.5	10.8	20.0



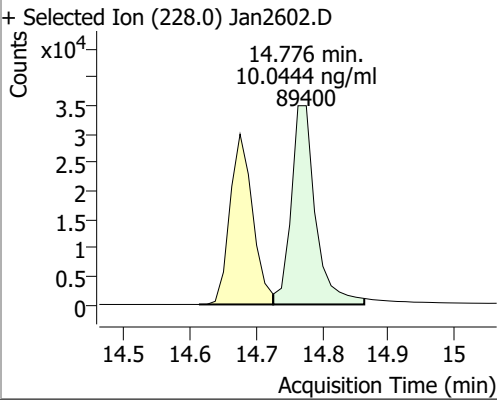
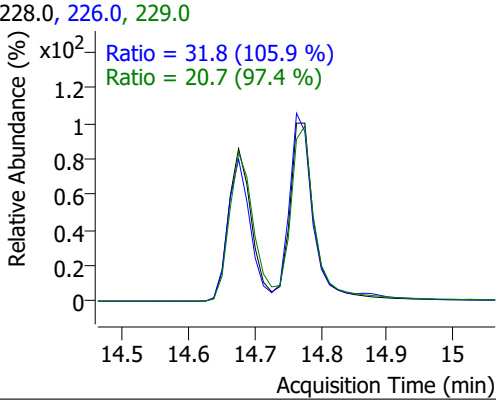
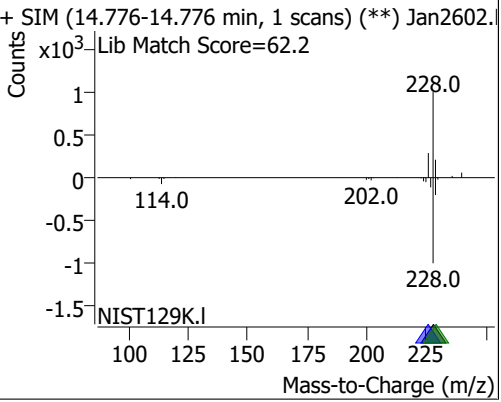
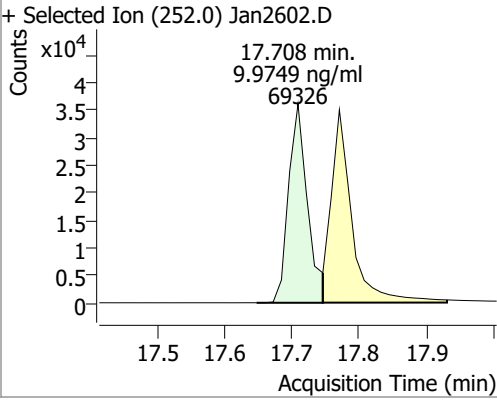
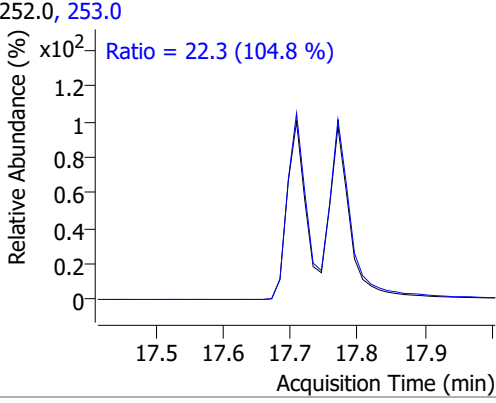
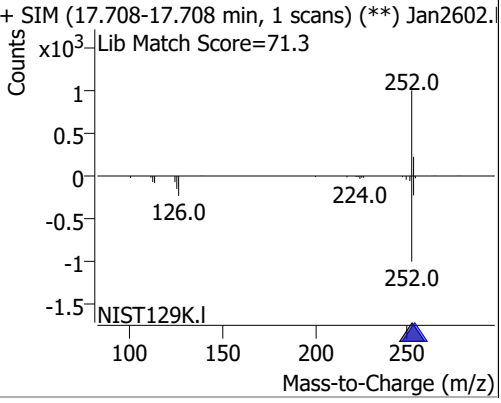
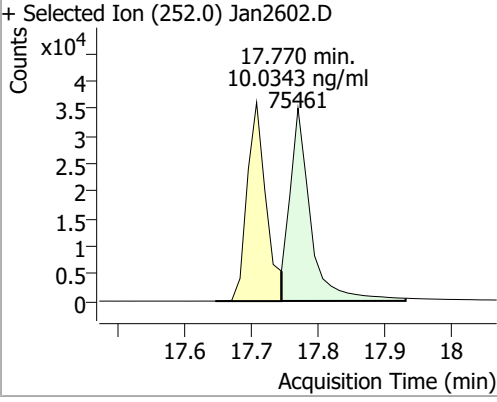
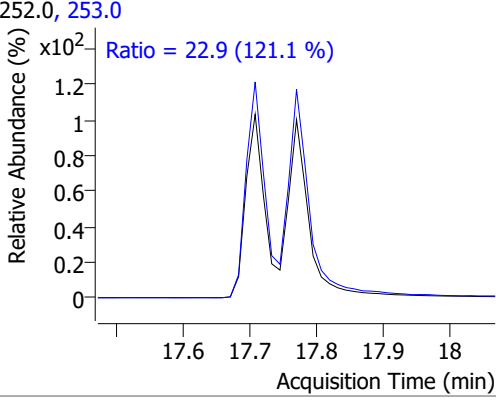
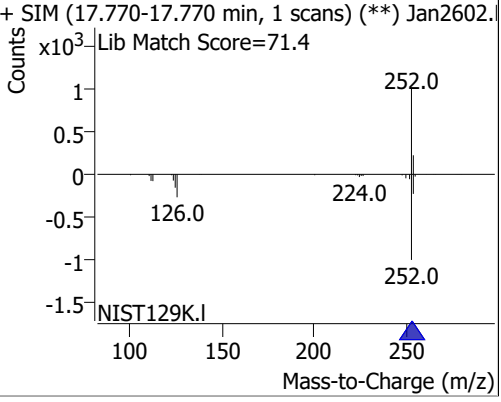
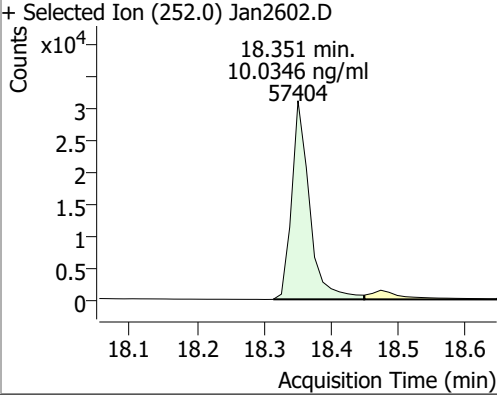
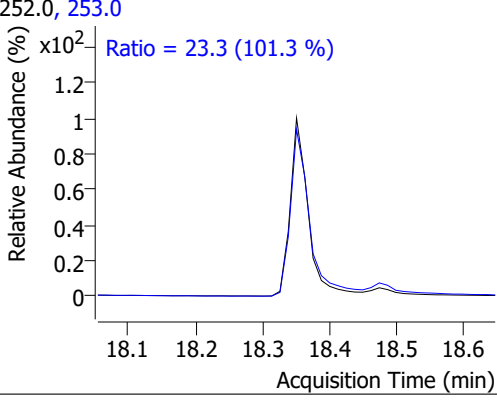
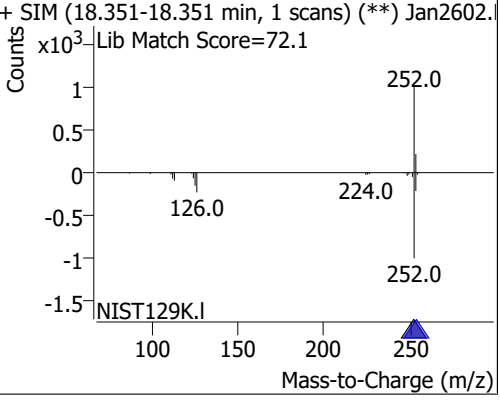
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	10.0564	12.25	0.00	40278	122.0	14.9	9.8	18.2



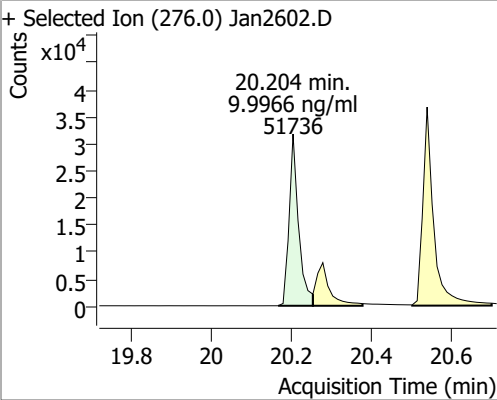
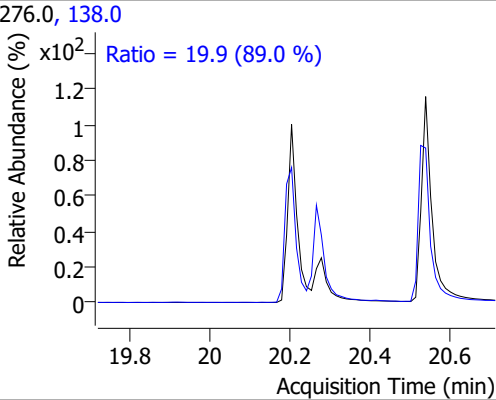
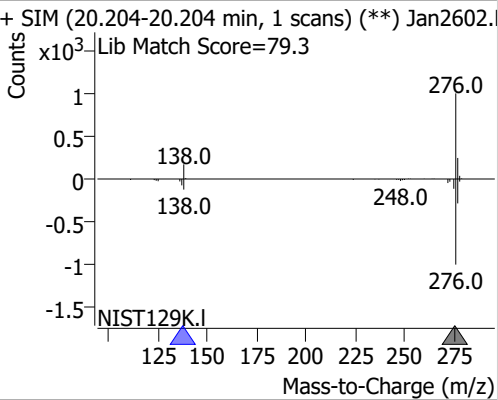
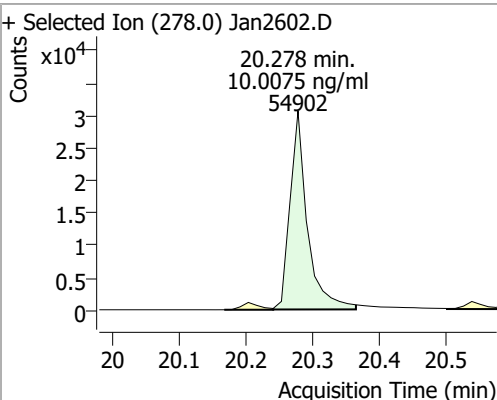
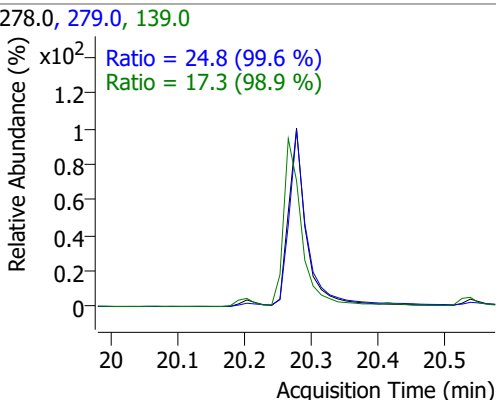
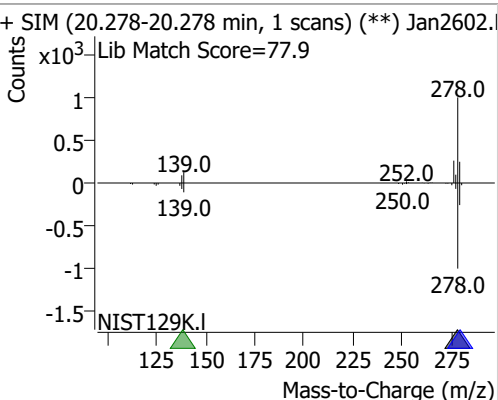
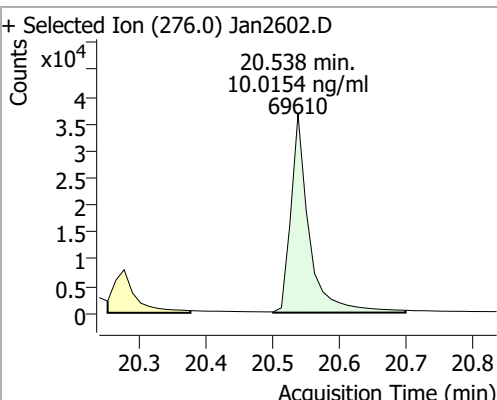
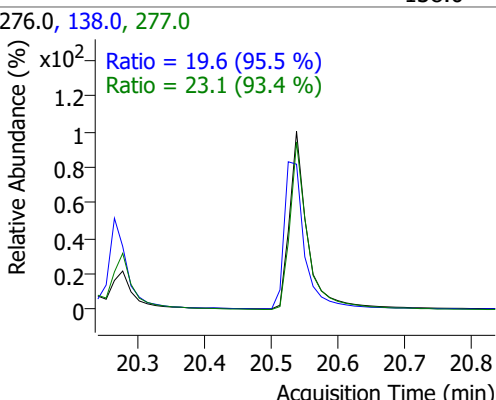
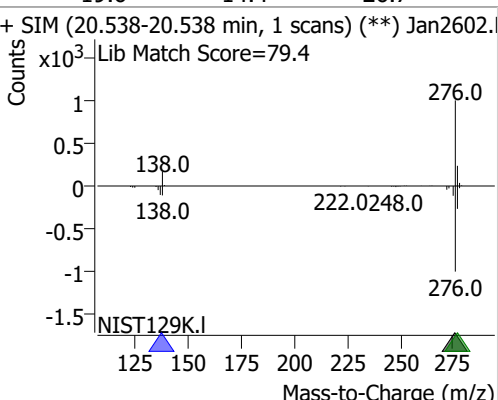
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	10.0361	14.68	0.00	70953	226.0 229.0	27.6 21.6	19.0 16.0	35.2 29.7



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	10.0444	14.78	0.01	89400	226.0 229.0	31.8 20.7	21.0 14.8	39.1 27.6
+ Selected Ion (228.0) Jan2602.D 			228.0, 226.0, 229.0 			+ SIM (14.776-14.776 min, 1 scans) (**) Jan2602. Lib Match Score=62.2 		
Benzo(b)fluoranthene	9.9749	17.71	0.00	69326	253.0	22.3	14.9	27.7
+ Selected Ion (252.0) Jan2602.D 			252.0, 253.0 			+ SIM (17.708-17.708 min, 1 scans) (**) Jan2602. Lib Match Score=71.3 		
Benzo(k)fluoranthene	10.0343	17.77	0.00	75461	253.0	22.9	13.2	24.6
+ Selected Ion (252.0) Jan2602.D 			252.0, 253.0 			+ SIM (17.770-17.770 min, 1 scans) (**) Jan2602. Lib Match Score=71.4 		
Benzo(a)pyrene	10.0346	18.35	0.00	57404	253.0	23.3	16.1	29.9
+ Selected Ion (252.0) Jan2602.D 			252.0, 253.0 			+ SIM (18.351-18.351 min, 1 scans) (**) Jan2602. Lib Match Score=72.1 		

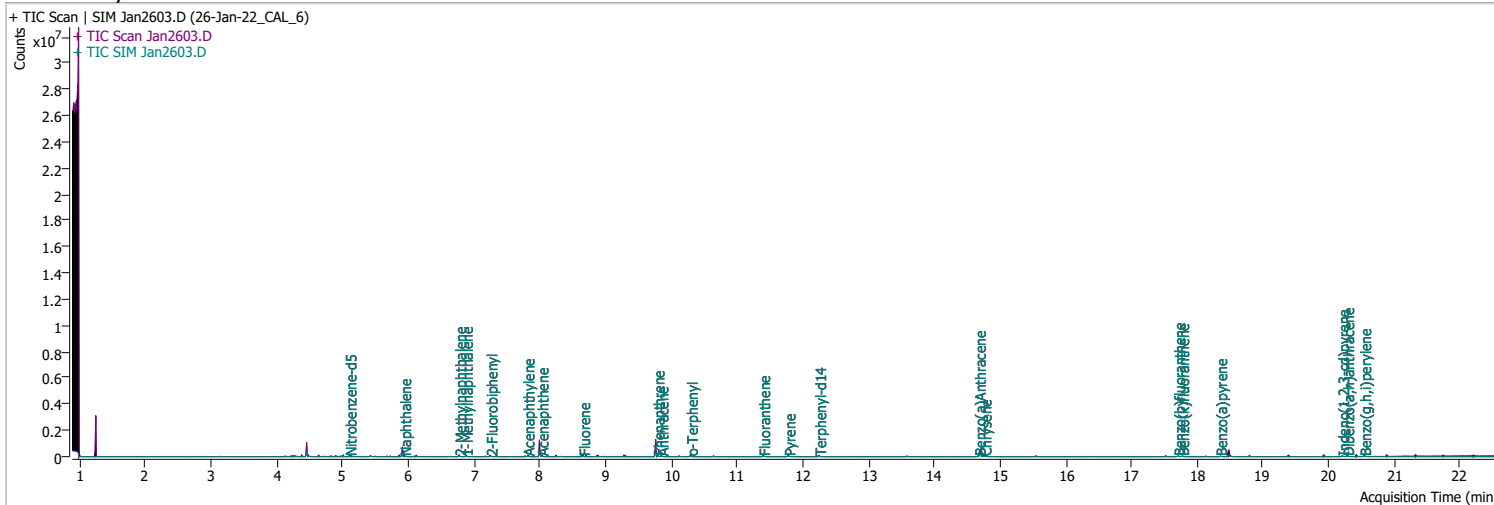
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	9.9966	20.20	-0.01	51736	138.0	19.9	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2602.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 19.9 (89.0 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan2602.D</p> <p>Lib Match Score=79.3</p>  </div> </div>								
Dibenzo(a,h)anthracene	10.0075	20.28	0.00	54902	279.0	24.8	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2602.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 24.8 (99.6 %)</p> <p>Ratio = 17.3 (98.9 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.278-20.278 min, 1 scans) (**) Jan2602.D</p> <p>Lib Match Score=77.9</p>  </div> </div>								
Benzo(g,h,i)perylene	10.0154	20.54	0.00	69610	277.0	23.1	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2602.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 19.6 (95.5 %)</p> <p>Ratio = 23.1 (93.4 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan2602.D</p> <p>Lib Match Score=79.4</p>  </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan2603.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/26/2022 5:50:10 PM
Sample Name	26-Jan-22_CAL_6	Instrument	GCMS
Vial	3	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.460	152.0	121546	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	233866	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	146048	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	310415	40.0000	ng/ml	0.000
M Chrysene-d12	14.702	240.0	247943	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	160637	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	16695	5.3807	ng/ml	-0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 107.61%	*	
S 2-Fluorobiphenyl	7.252	172.0	28336	4.9433	ng/ml	0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 98.87%	*	
S o-Terphenyl	10.299	230.0	22829	4.8842	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 97.68%		
S Terphenyl-d14	12.251	244.0	19882	4.8558	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 97.12%		
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	28378	4.7592	ng/ml	93
T 2-Methylnaphthalene	6.778	141.0	17499	4.8393	ng/ml	94
T 1-Methylnaphthalene	6.877	141.0	17660	4.8049	ng/ml	m 96
T Acenaphthylene	7.814	152.0	32326	4.8064	ng/ml	98
T Acenaphthene	8.026	154.0	19363	4.7320	ng/ml	99
T Fluorene	8.661	166.0	27751	4.9395	ng/ml	99
T Phenanthrene	9.793	178.0	39590	4.8959	ng/ml	99
T Anthracene	9.854	178.0	37352	5.1579	ng/ml	100
T Fluoranthene	11.398	202.0	46854	4.9422	ng/ml	98
T Pyrene	11.781	202.0	50901	4.8551	ng/ml	99
T Benzo(a)Anthracene	14.677	228.0	34738	4.9080	ng/ml	98
T Chrysene	14.764	228.0	46876	4.9021	ng/ml	99
T Benzo(b)fluoranthene	17.709	252.0	33353	5.0766	ng/ml	98

# Quantitation Results Report (QT Reviewed)

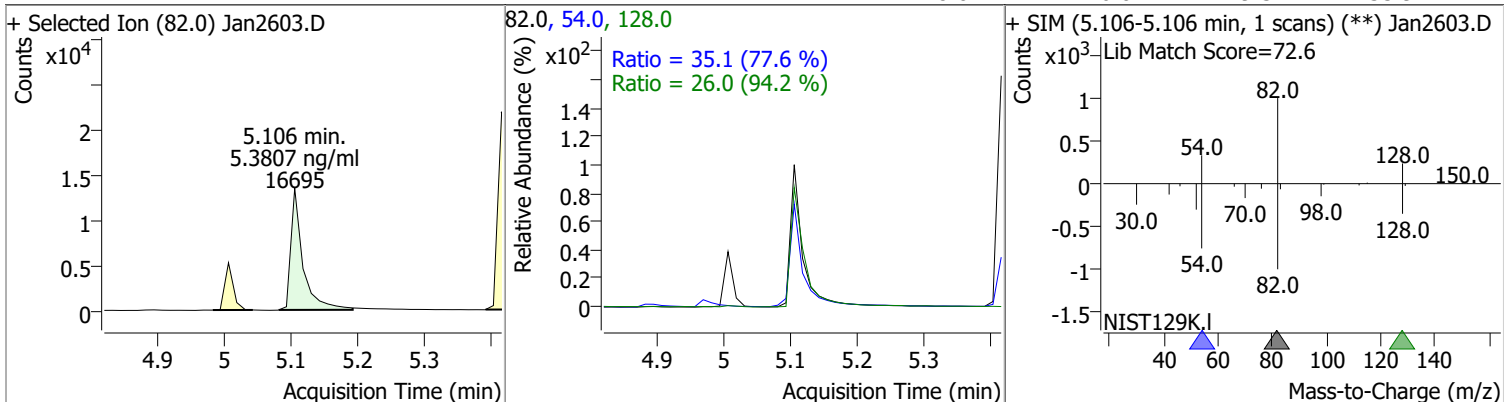
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	37444	4.9027	ng/ml	94
T Benzo(a)pyrene	18.351	252.0	26754	4.9089	ng/ml	98
T Indeno(1,2,3-cd)pyrene	20.204	276.0	24515	5.0187	ng/ml	97
T Dibenzo(a,h)anthracene	20.279	278.0	27281	4.9840	ng/ml	99
T Benzo(g,h,i)perylene	20.538	276.0	34498	4.9687	ng/ml	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

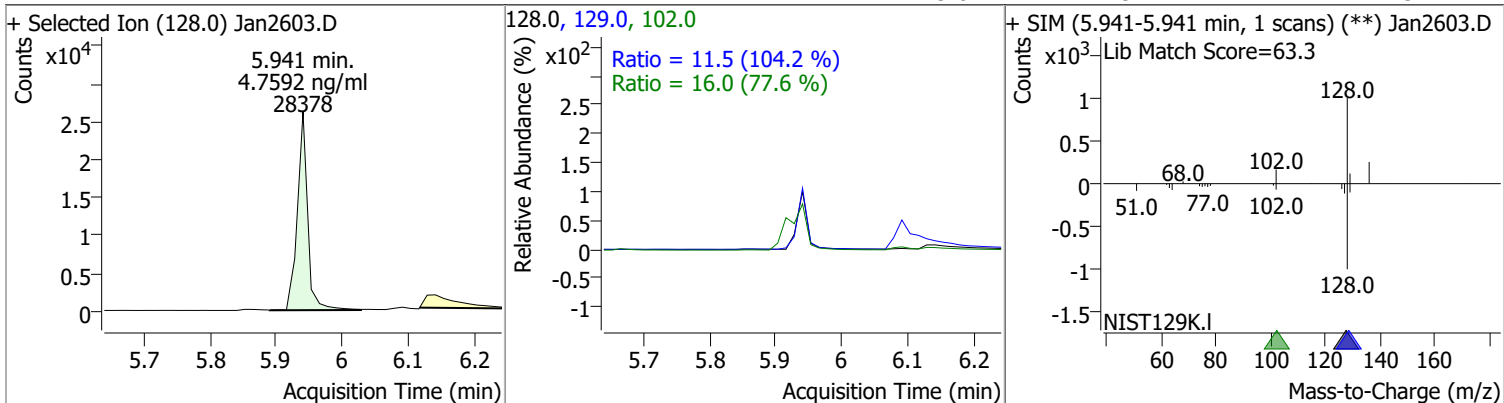


# Quantitation Results Report (QT Reviewed)

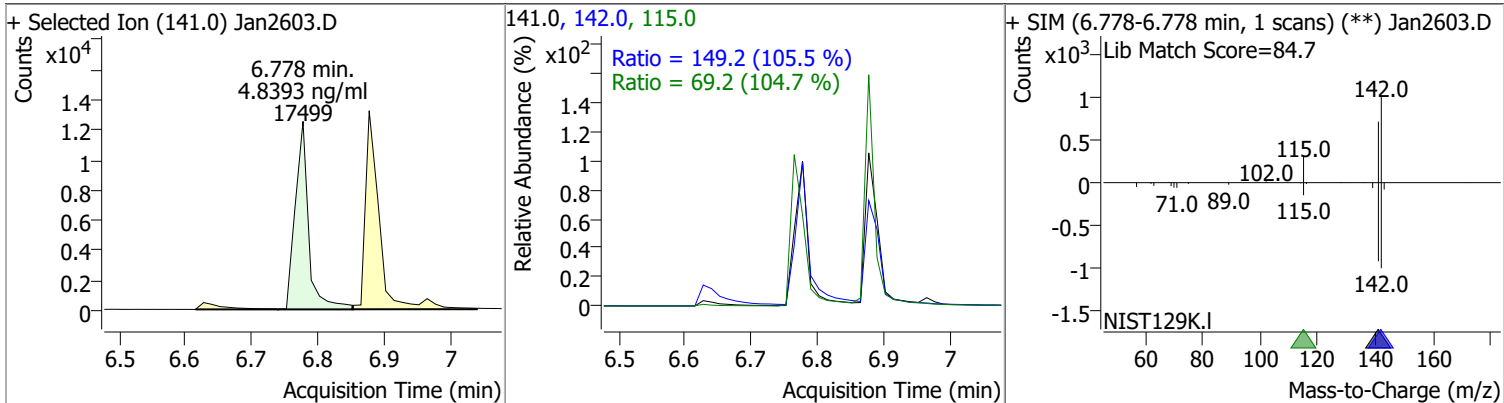
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	5.3807	5.11	-0.01	16695	54.0	35.1	31.6	58.8
					128.0	26.0	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	4.7592	5.94	0.00	28378	102.0	16.0	0.0	61.8
					129.0	11.5	7.7	14.3

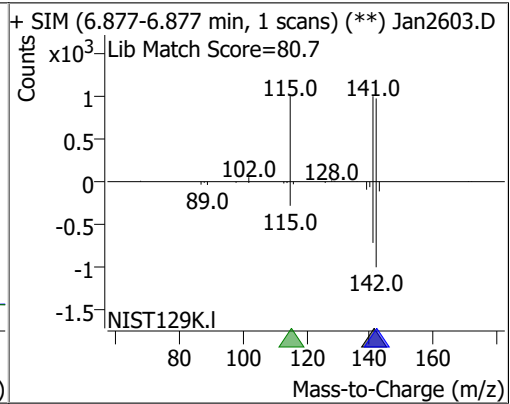
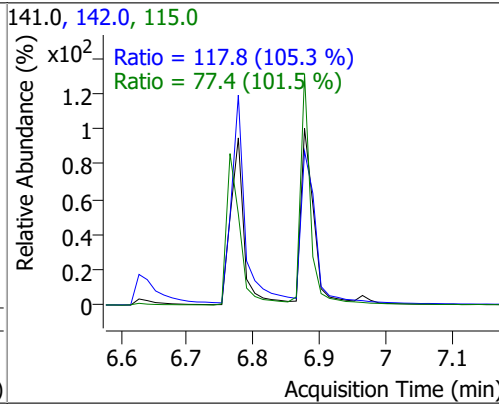
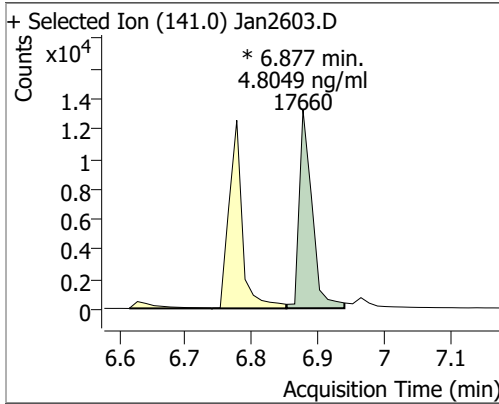


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	4.8393	6.78	0.00	17499	142.0	149.2	99.1	184.0
					115.0	69.2	46.3	86.0

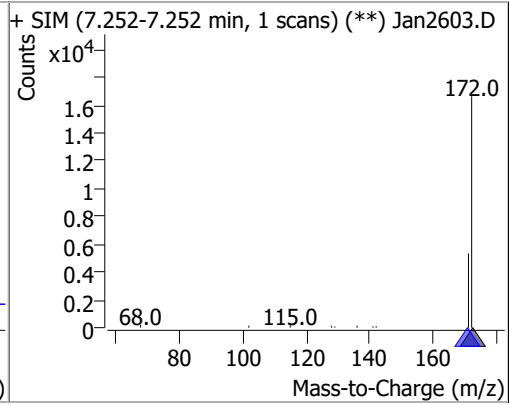
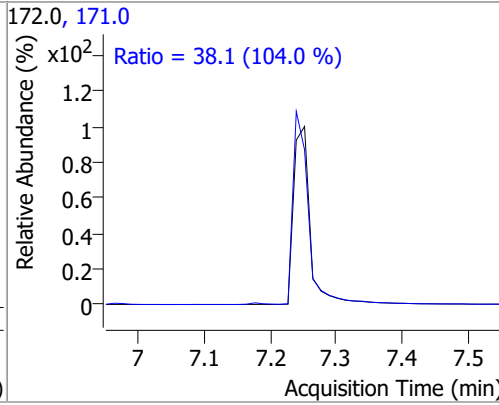
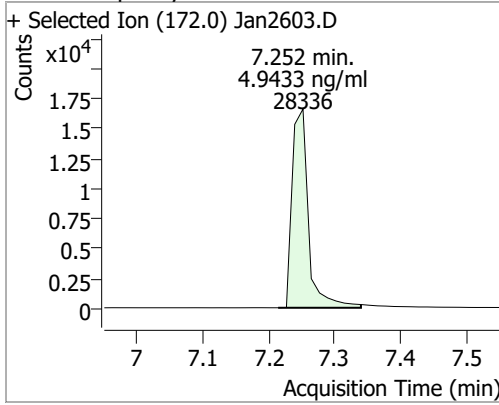


# Quantitation Results Report (QT Reviewed)

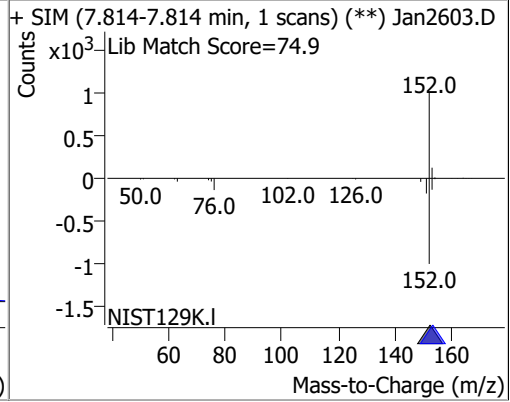
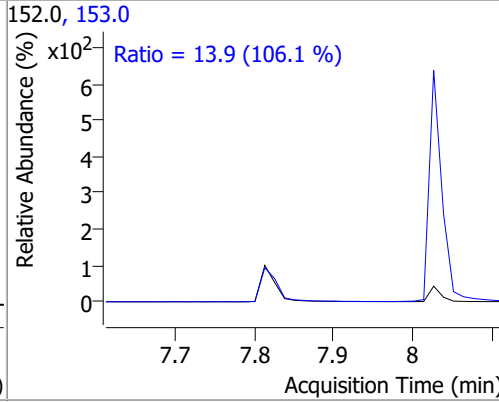
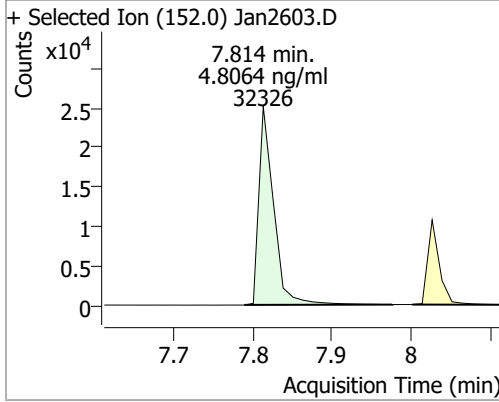
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	4.8049	6.88	0.00	17660 (m)	142.0	117.8	78.3	145.5
					115.0	77.4	53.4	99.2



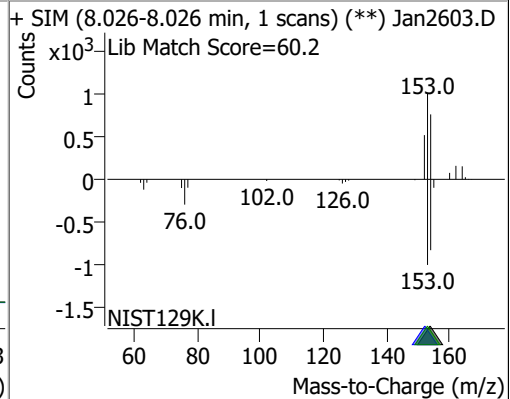
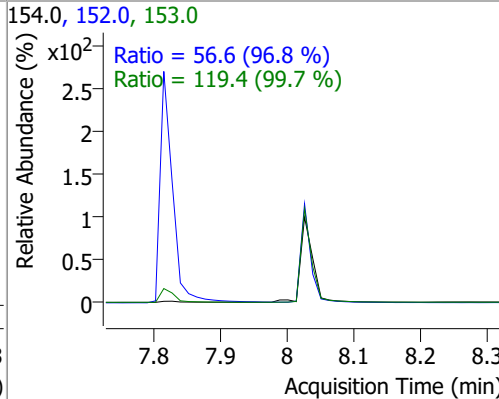
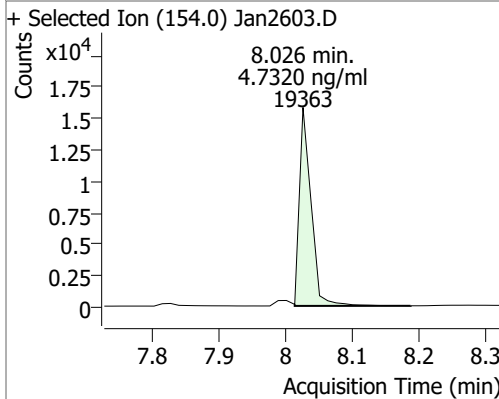
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	4.9433	7.25	0.00	28336	171.0	38.1	25.6	47.6



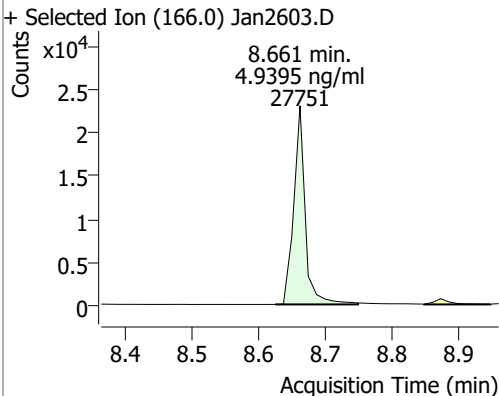
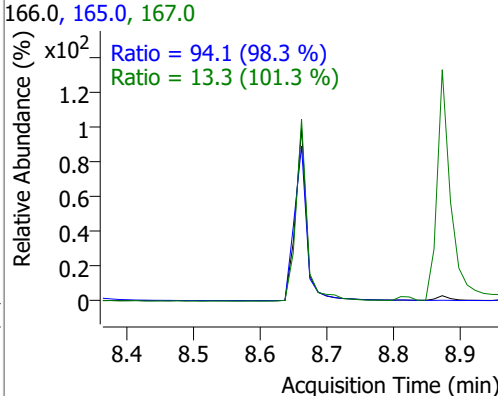
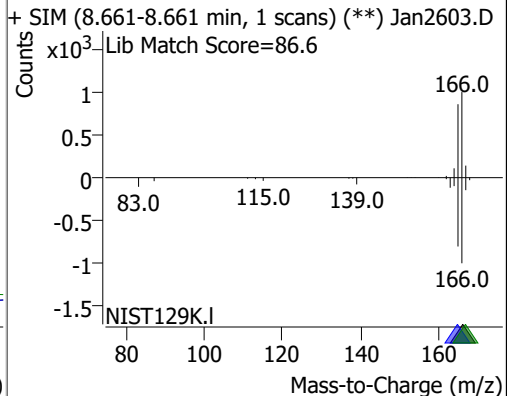
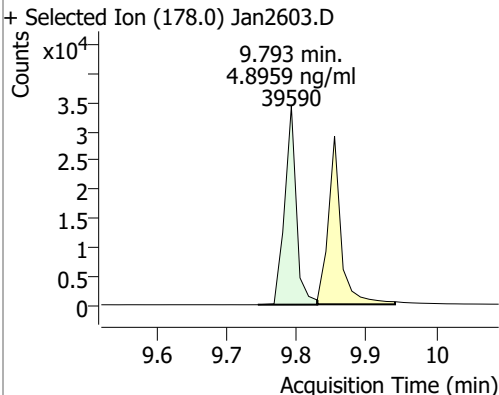
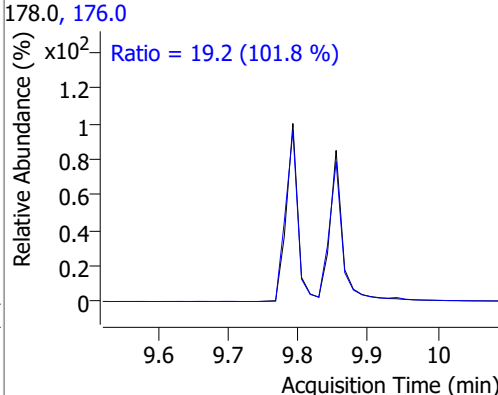
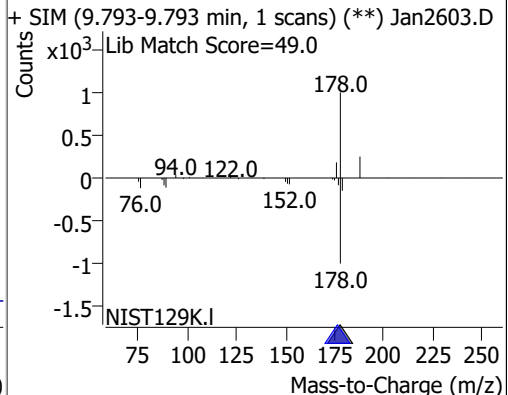
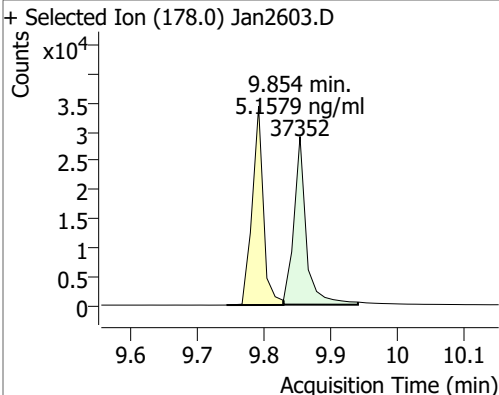
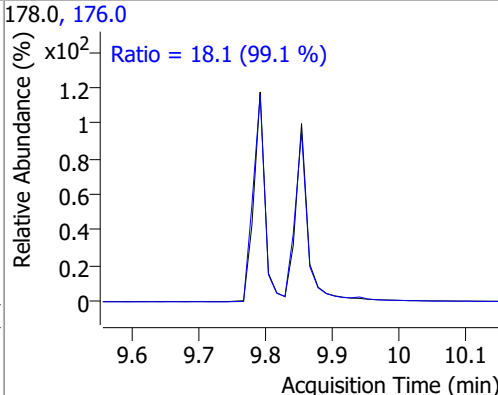
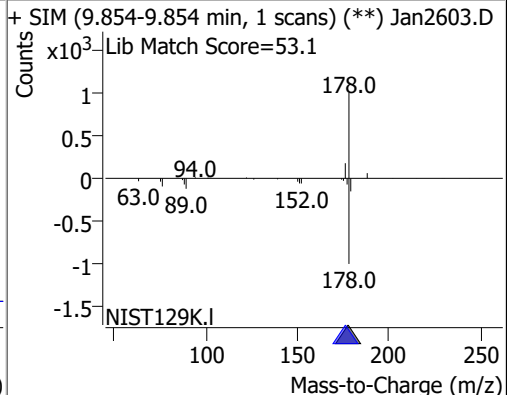
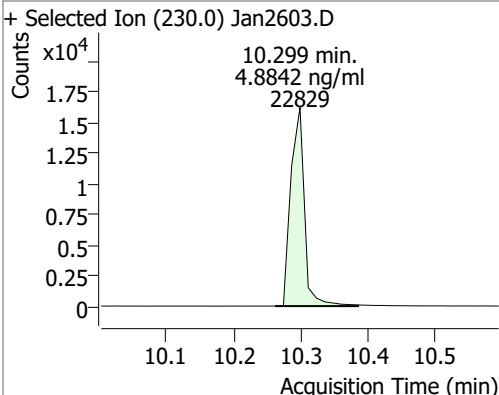
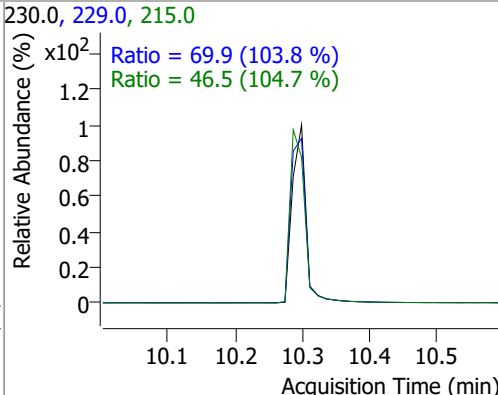
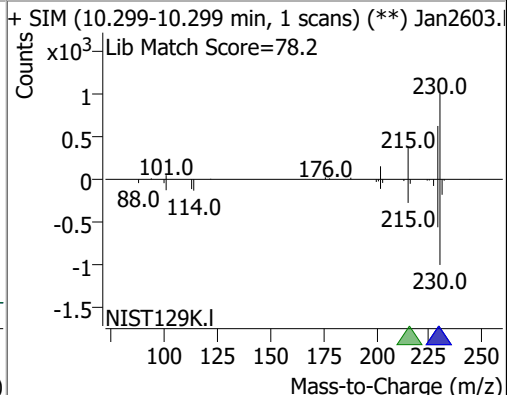
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	4.8064	7.81	0.00	32326	153.0	13.9	9.1	17.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	4.7320	8.03	0.00	19363	153.0	119.4	83.9	155.8
					152.0	56.6	40.9	76.0

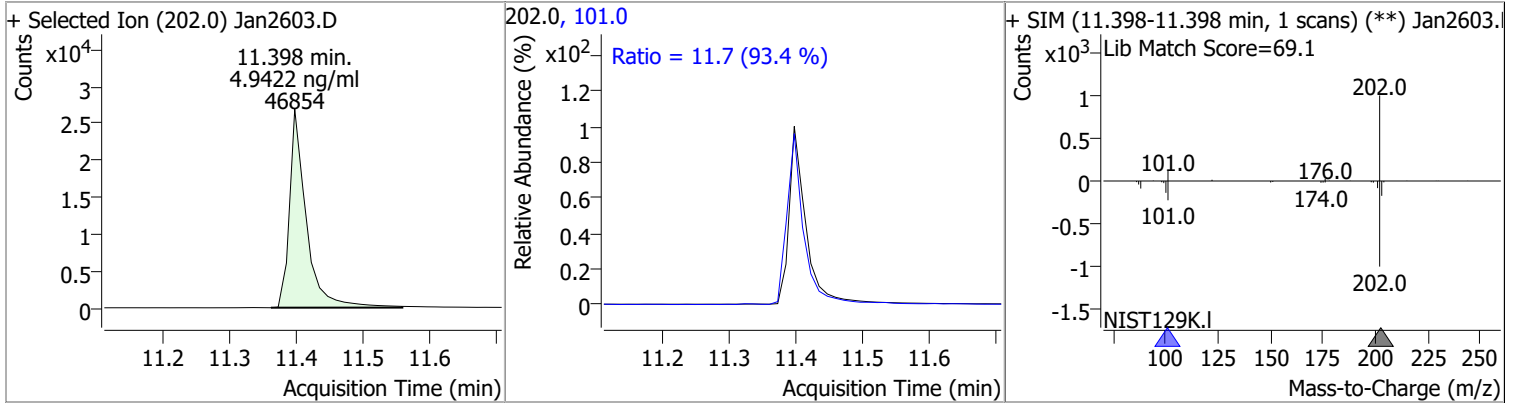


# Quantitation Results Report (QT Reviewed)

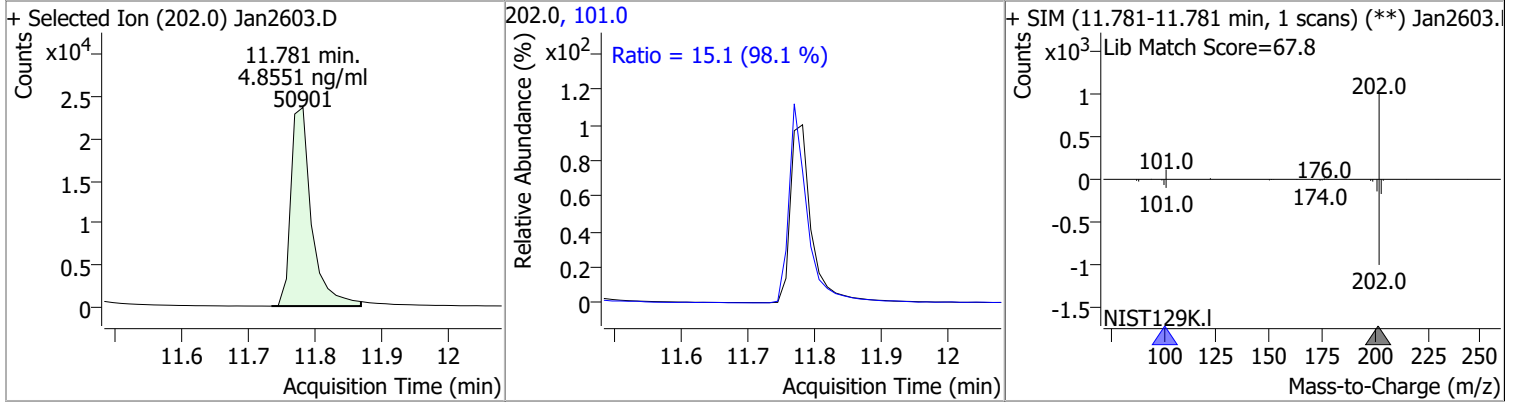
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	4.9395	8.66	0.00	27751	165.0 167.0	94.1 13.3	67.0 9.2	124.5 17.1
+ Selected Ion (166.0) Jan2603.D 			166.0, 165.0, 167.0 			+ SIM (8.661-8.661 min, 1 scans) (**) Jan2603.D Lib Match Score=86.6 		
Phenanthrene	4.8959	9.79	0.00	39590	176.0	19.2	13.2	24.6
+ Selected Ion (178.0) Jan2603.D 			178.0, 176.0 			+ SIM (9.793-9.793 min, 1 scans) (**) Jan2603.D Lib Match Score=49.0 		
Anthracene	5.1579	9.85	0.00	37352	176.0	18.1	12.8	23.8
+ Selected Ion (178.0) Jan2603.D 			178.0, 176.0 			+ SIM (9.854-9.854 min, 1 scans) (**) Jan2603.D Lib Match Score=53.1 		
o-Terphenyl	4.8842	10.30	0.00	22829	229.0 215.0	69.9 46.5	47.1 31.1	87.5 57.7
+ Selected Ion (230.0) Jan2603.D 			230.0, 229.0, 215.0 			+ SIM (10.299-10.299 min, 1 scans) (**) Jan2603.D Lib Match Score=78.2 		

# Quantitation Results Report (QT Reviewed)

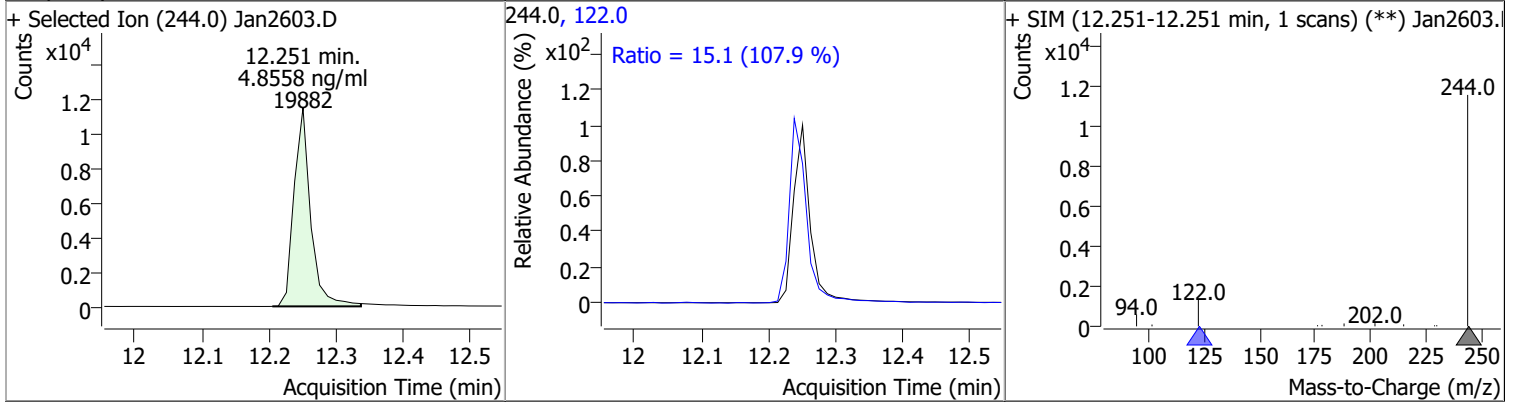
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.9422	11.40	-0.01	46854	101.0	11.7	8.8	16.3



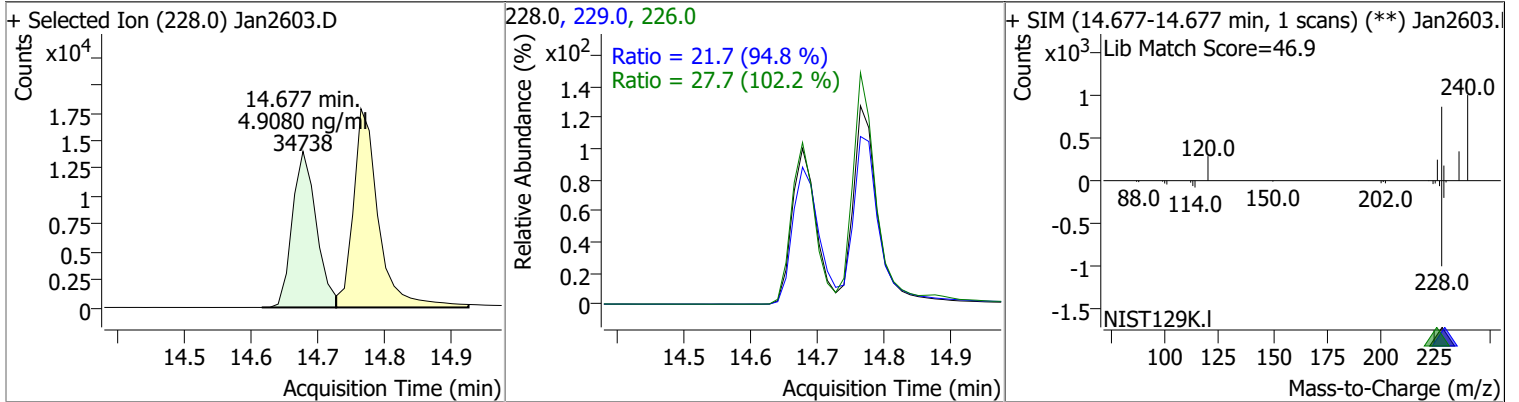
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.8551	11.78	0.00	50901	101.0	15.1	10.8	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	4.8558	12.25	0.00	19882	122.0	15.1	9.8	18.2

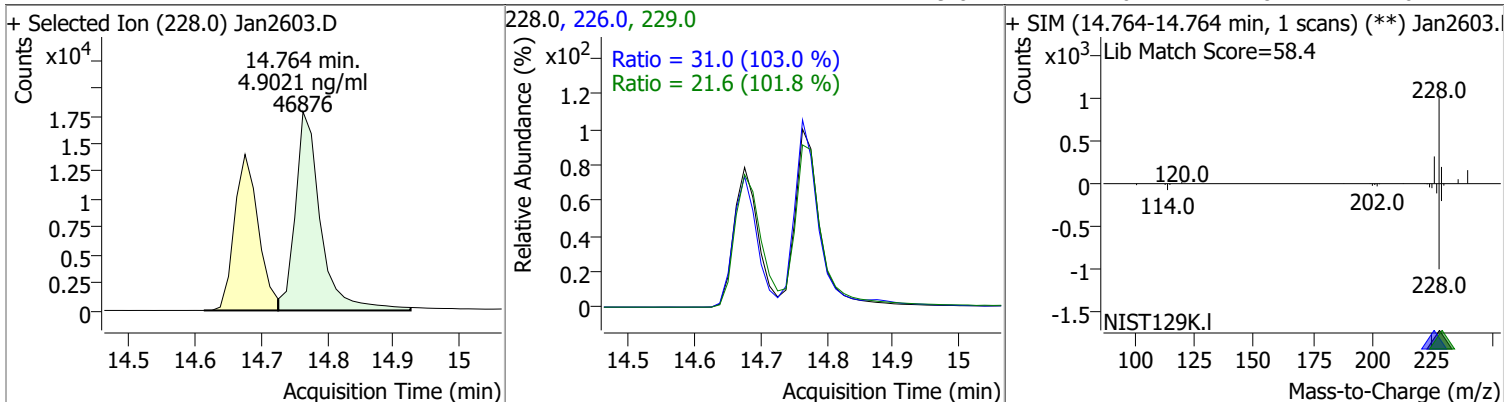


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	4.9080	14.68	0.00	34738	226.0	27.7	19.0	35.2
					229.0	21.7	16.0	29.7

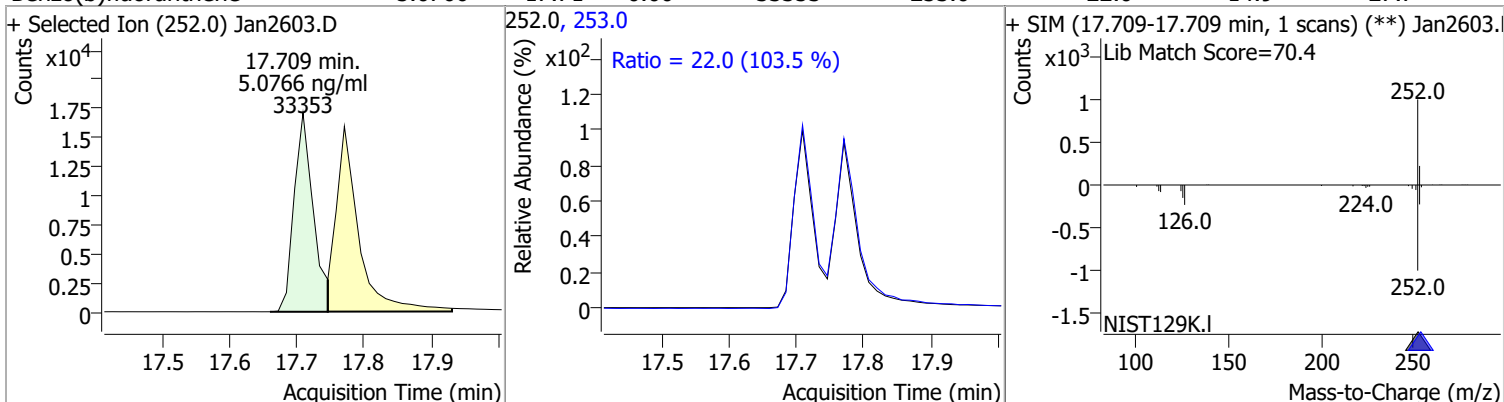


# Quantitation Results Report (QT Reviewed)

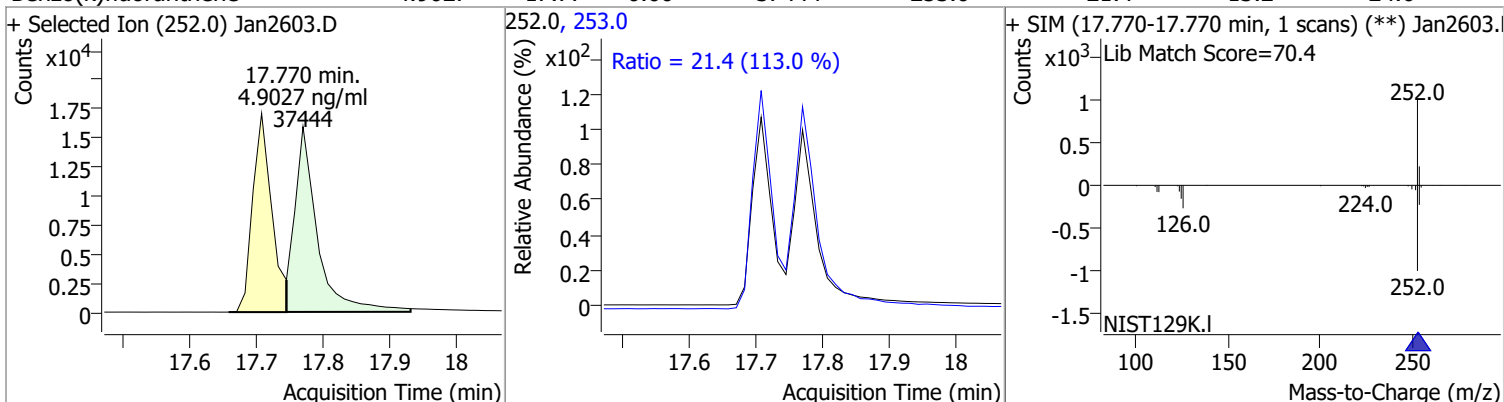
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	4.9021	14.76	0.00	46876	226.0	31.0	21.0	39.1
					229.0	21.6	14.8	27.6



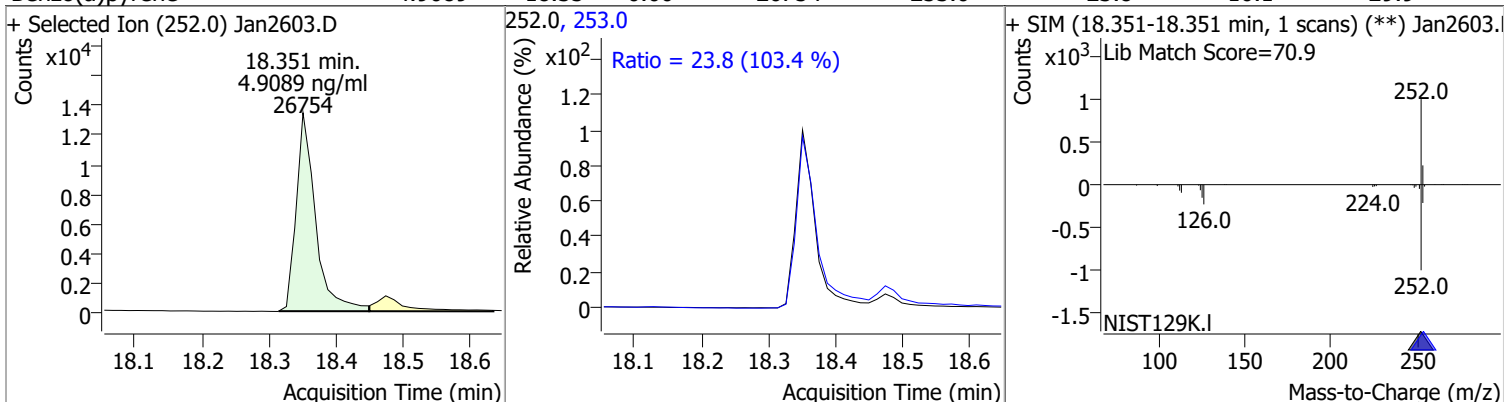
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	5.0766	17.71	0.00	33353	253.0	22.0	14.9	27.7



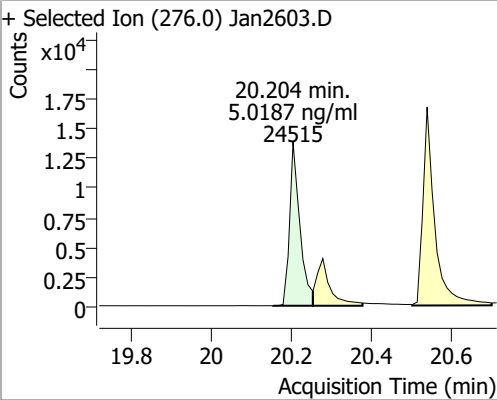
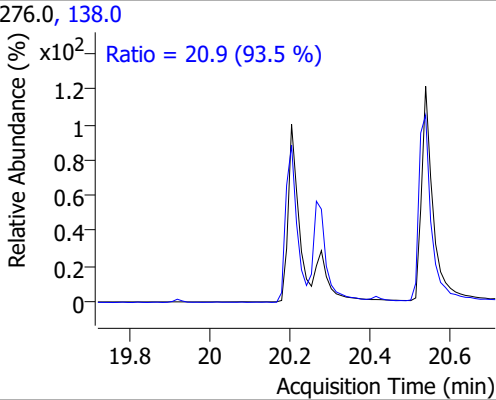
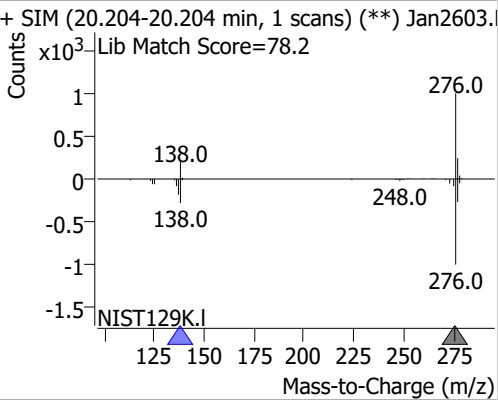
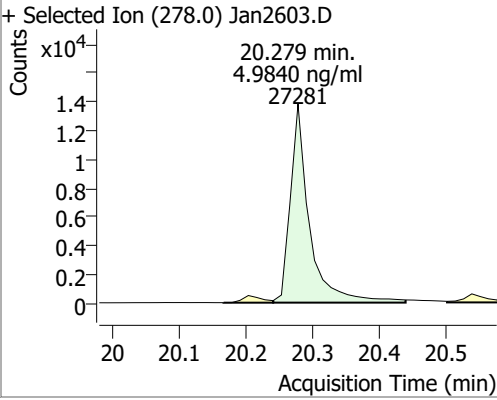
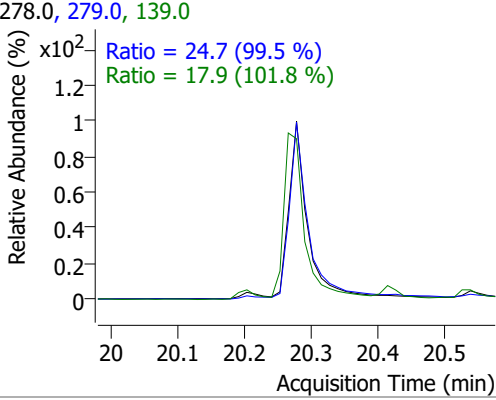
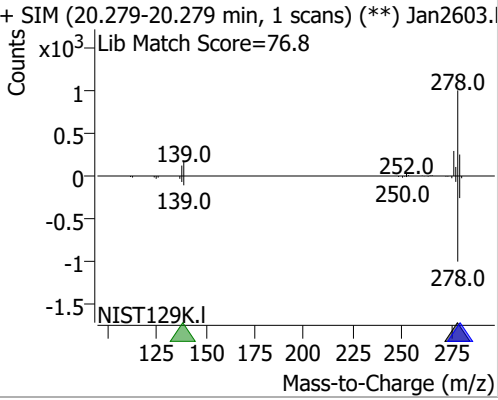
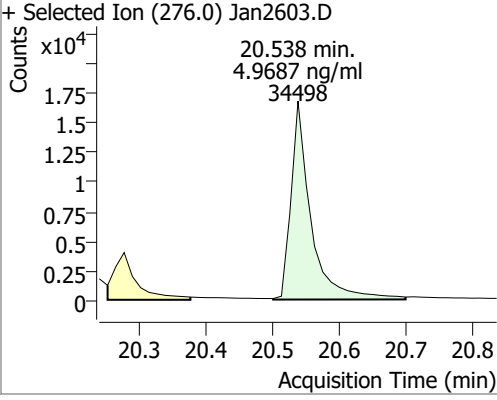
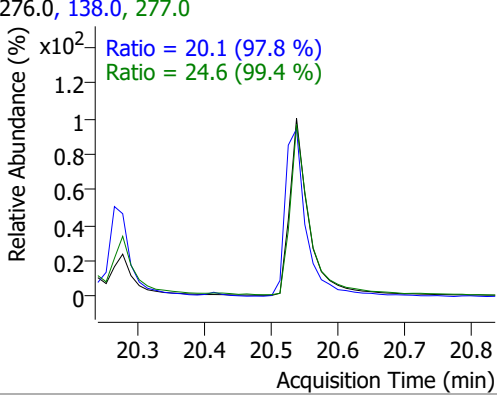
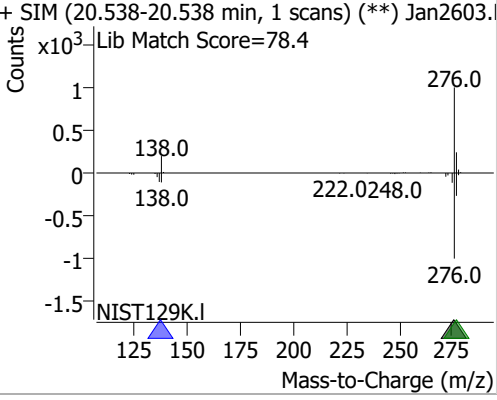
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	4.9027	17.77	0.00	37444	253.0	21.4	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	4.9089	18.35	0.00	26754	253.0	23.8	16.1	29.9



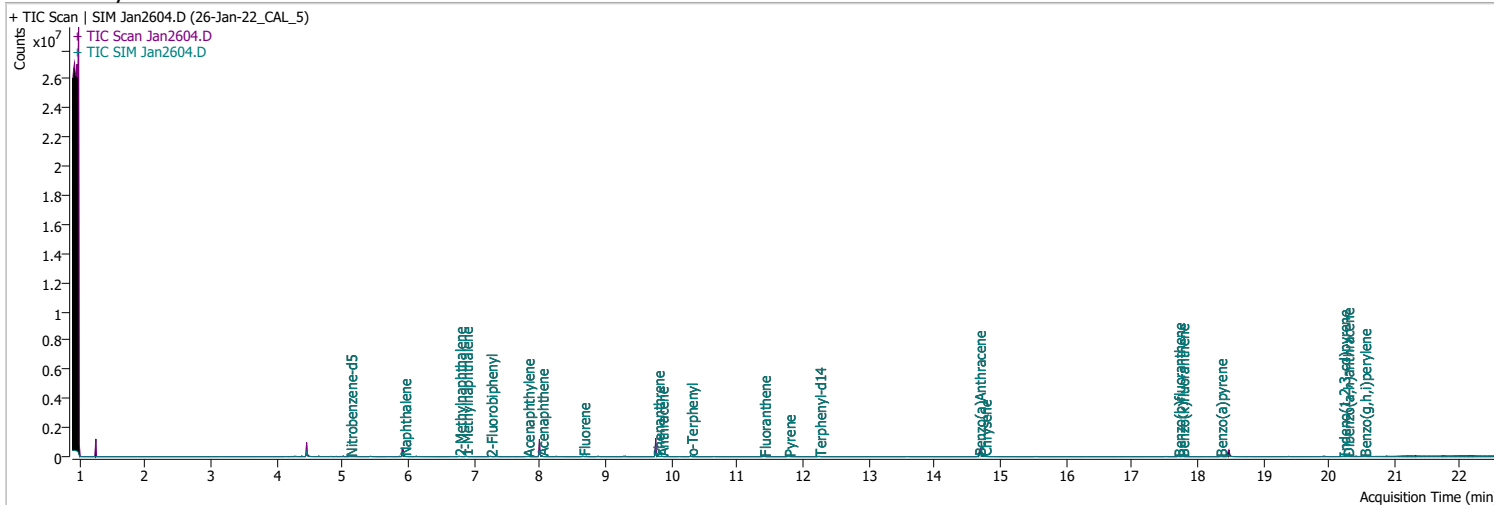
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	5.0187	20.20	-0.01	24515	138.0	20.9	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2603.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 20.9 (93.5 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan2603.D</p> <p>Lib Match Score=78.2</p>  </div> </div>								
Dibenzo(a,h)anthracene	4.9840	20.28	0.00	27281	279.0	24.7	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2603.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 24.7 (99.5 %)</p> <p>Ratio = 17.9 (101.8 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.279-20.279 min, 1 scans) (**) Jan2603.D</p> <p>Lib Match Score=76.8</p>  </div> </div>								
Benzo(g,h,i)perylene	4.9687	20.54	0.00	34498	277.0	24.6	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2603.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 20.1 (97.8 %)</p> <p>Ratio = 24.6 (99.4 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan2603.D</p> <p>Lib Match Score=78.4</p>  </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan2604.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/26/2022 6:22:37 PM
Sample Name	26-Jan-22_CAL_5	Instrument	GCMS
Vial	4	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.460	152.0	120793	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	216708	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	141919	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	305194	40.0000	ng/ml	0.000
M Chrysene-d12	14.702	240.0	240679	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	155689	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	4752	1.7855	ng/ml	0.000
Spiked Amount: 5.000	Range: 19.0 - 102.0%		Recovery = 35.71%			
S 2-Fluorobiphenyl	7.252	172.0	10896	1.9484	ng/ml	0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%		Recovery = 38.97%			
S o-Terphenyl	10.299	230.0	9371	2.0283	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%		Recovery = 40.57%			
S Terphenyl-d14	12.251	244.0	8089	2.0350	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%		Recovery = 40.70%			
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	11591	2.0685	ng/ml	100
T 2-Methylnaphthalene	6.777	141.0	7140	2.1088	ng/ml	100
T 1-Methylnaphthalene	6.877	141.0	7079	2.0639	ng/ml	m 100
T Acenaphthylene	7.814	152.0	13042	2.0304	ng/ml	100
T Acenaphthene	8.025	154.0	7782	1.8775	ng/ml	100
T Fluorene	8.661	166.0	10886	1.9505	ng/ml	100
T Phenanthrene	9.793	178.0	15947	2.0033	ng/ml	100
T Anthracene	9.854	178.0	14858	1.9408	ng/ml	100
T Fluoranthene	11.411	202.0	18556	1.9853	ng/ml	100
T Pyrene	11.781	202.0	20015	1.9923	ng/ml	100
T Benzo(a)Anthracene	14.677	228.0	13969	1.9971	ng/ml	100
T Chrysene	14.764	228.0	19145	2.0096	ng/ml	100
T Benzo(b)fluoranthene	17.709	252.0	11665	1.9514	ng/ml	100

# Quantitation Results Report (QT Reviewed)

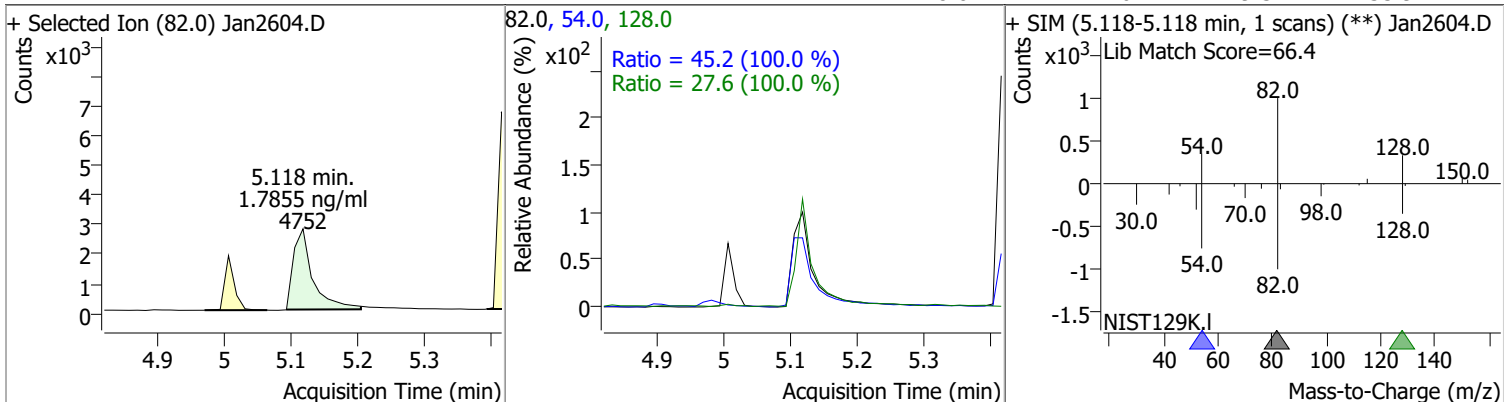
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	15008	2.0386	ng/ml	100
T Benzo(a)pyrene	18.351	252.0	10017	1.9935	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.217	276.0	8723	1.9586	ng/ml	100
T Dibenzo(a,h)anthracene	20.279	278.0	10320	1.9839	ng/ml	100
T Benzo(g,h,i)perylene	20.538	276.0	13028	1.9718	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

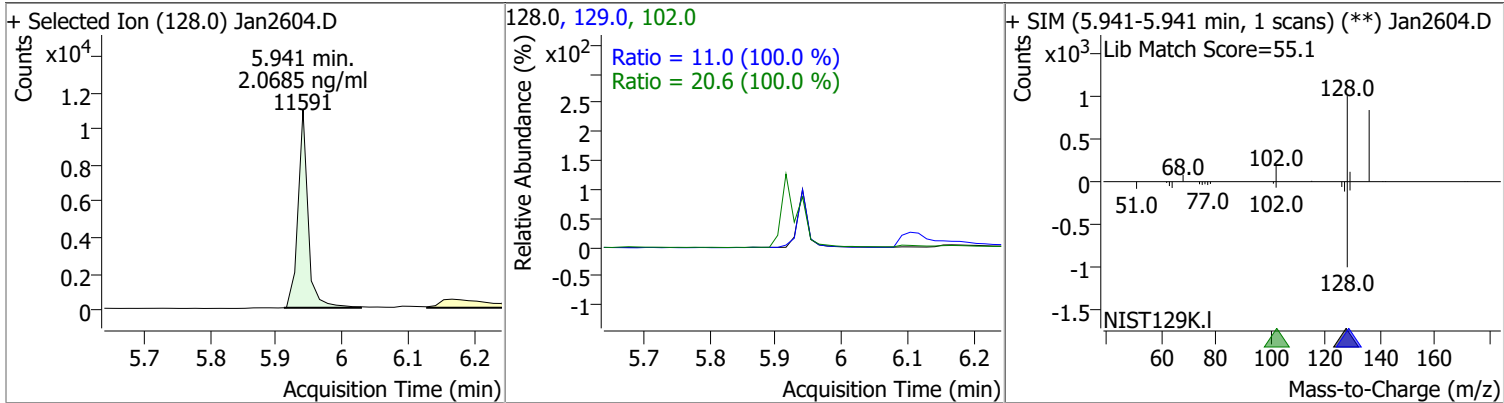


# Quantitation Results Report (QT Reviewed)

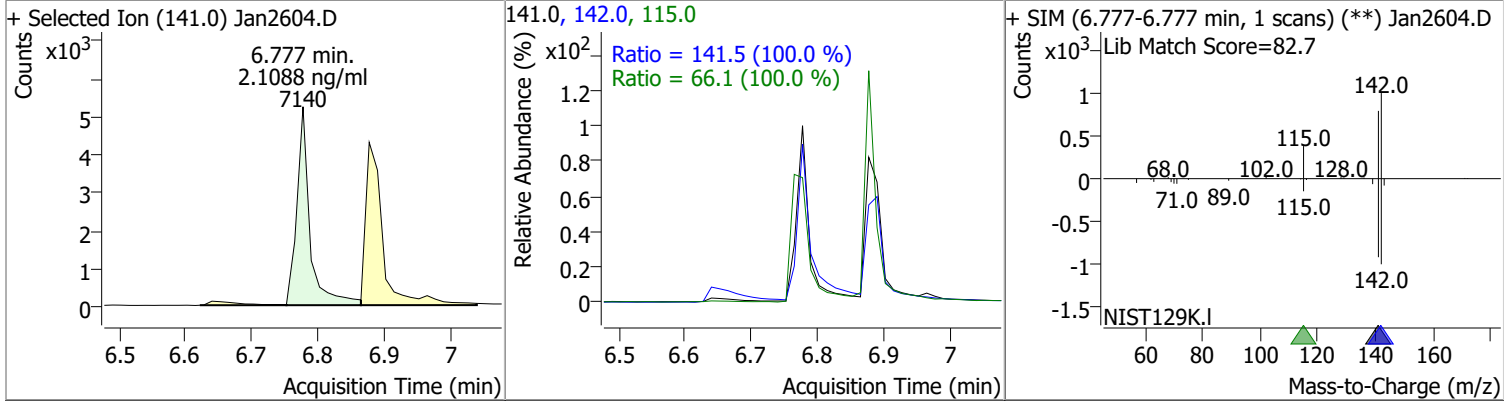
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	1.7855	5.12	0.00	4752	54.0 128.0	45.2 27.6	31.6 19.3	58.8 35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.0685	5.94	0.00	11591	102.0 129.0	20.6 11.0	0.0 7.7	61.8 14.3

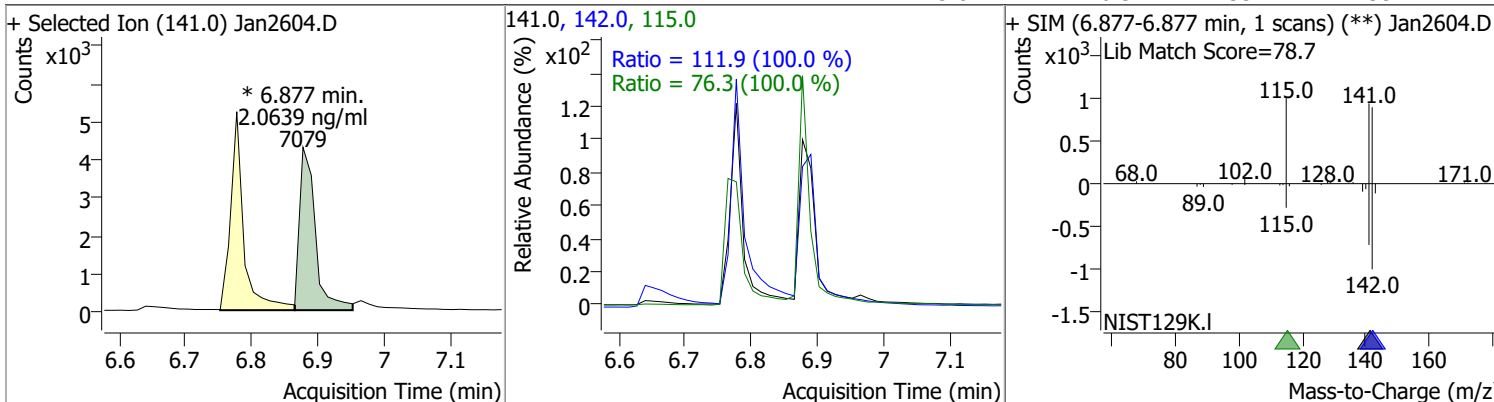


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	2.1088	6.78	0.00	7140	142.0 115.0	141.5 66.1	99.1 46.3	184.0 86.0

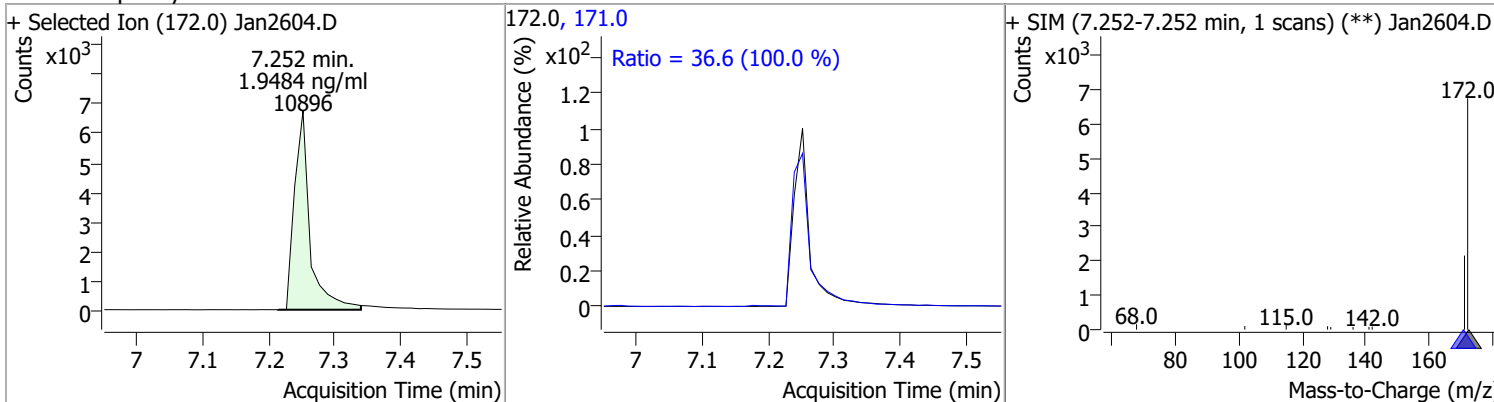


# Quantitation Results Report (QT Reviewed)

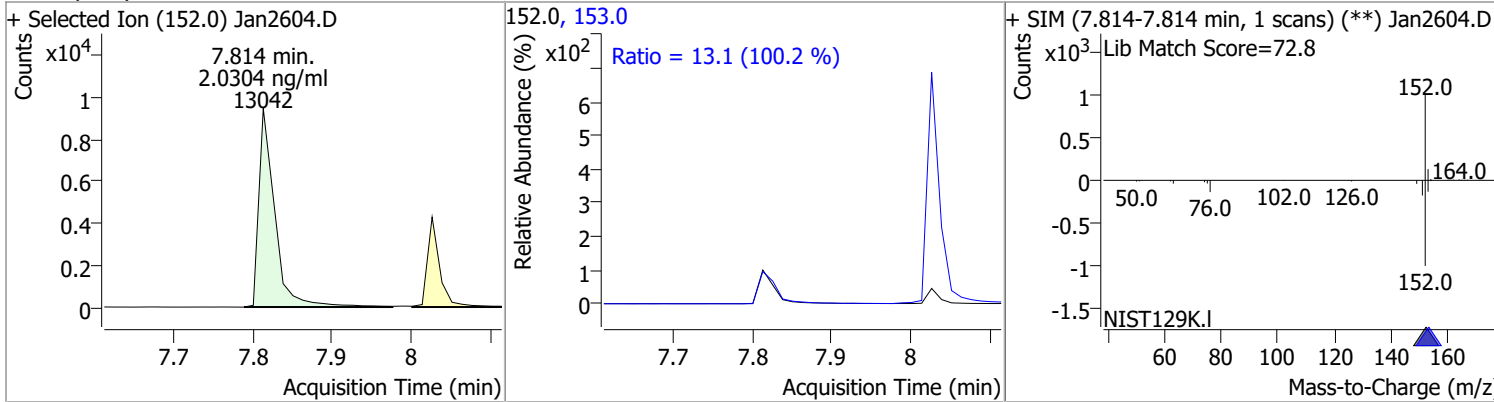
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.0639	6.88	0.00	7079 (m)	142.0 115.0	111.9 76.3	78.3 53.4	145.5 99.2



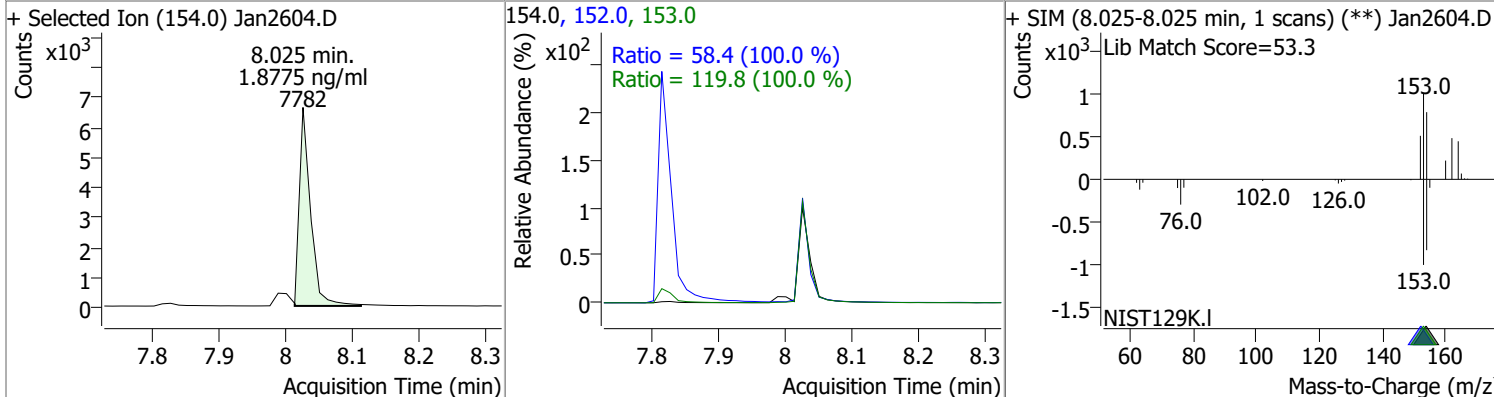
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	1.9484	7.25	0.00	10896	171.0	36.6	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	2.0304	7.81	0.00	13042	153.0	13.1	9.1	17.0

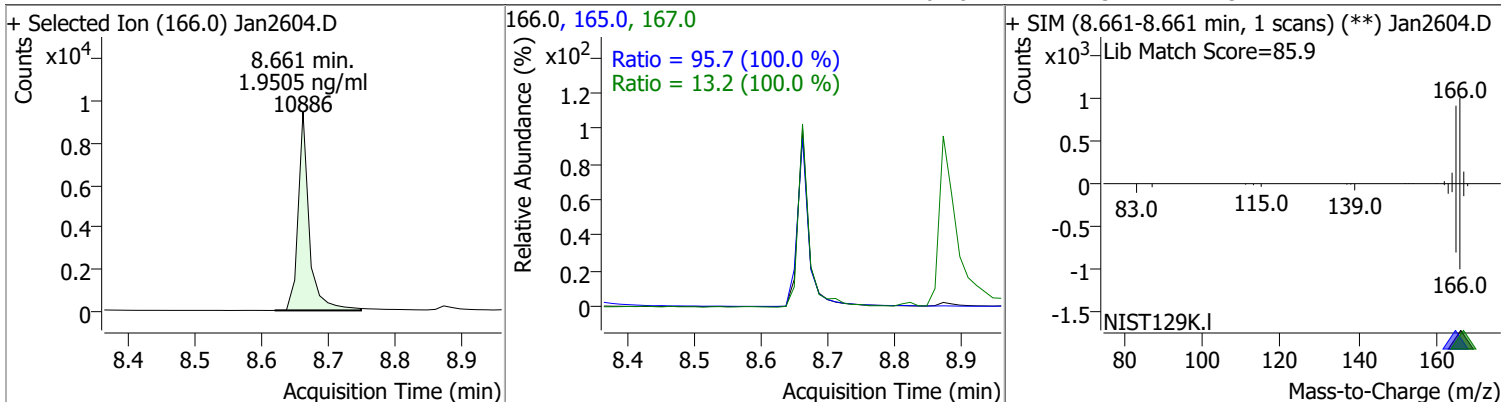


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	1.8775	8.03	0.00	7782	153.0 152.0	119.8 58.4	83.9 40.9	155.8 76.0

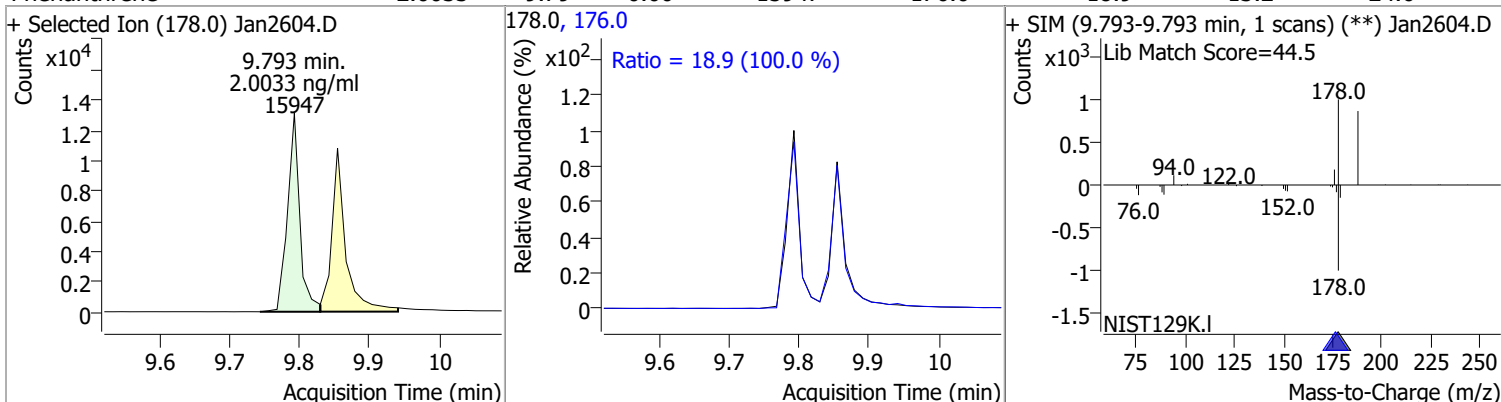


# Quantitation Results Report (QT Reviewed)

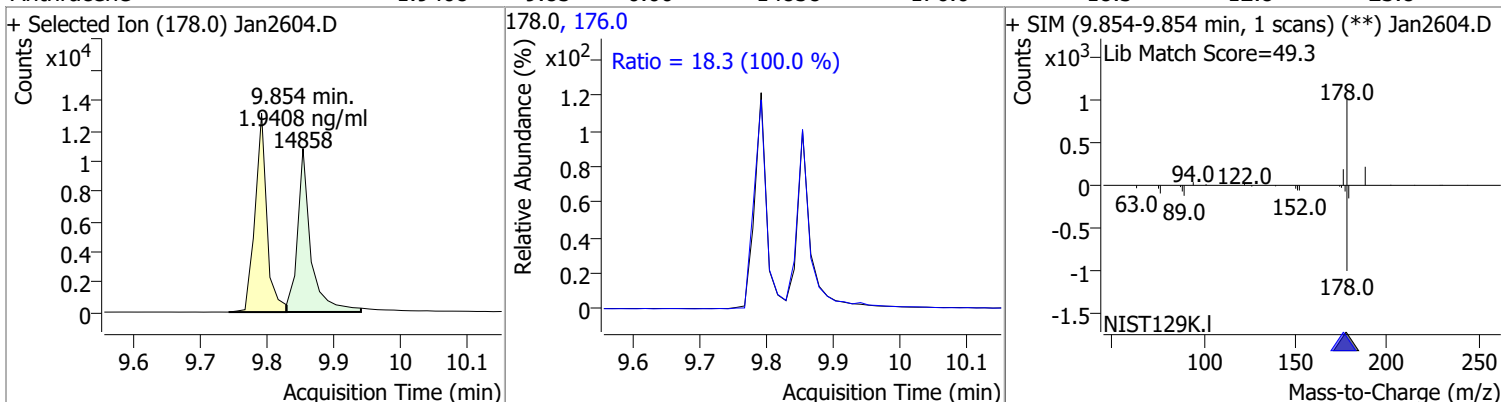
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	1.9505	8.66	0.00	10886	165.0	95.7	67.0	124.5
					167.0	13.2	9.2	17.1



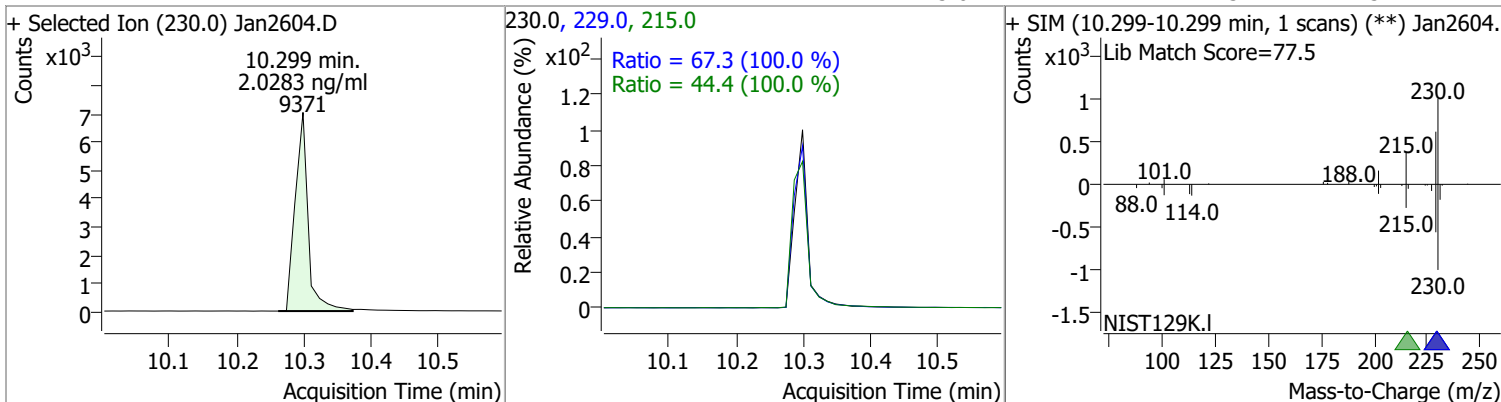
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	2.0033	9.79	0.00	15947	176.0	18.9	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	1.9408	9.85	0.00	14858	176.0	18.3	12.8	23.8

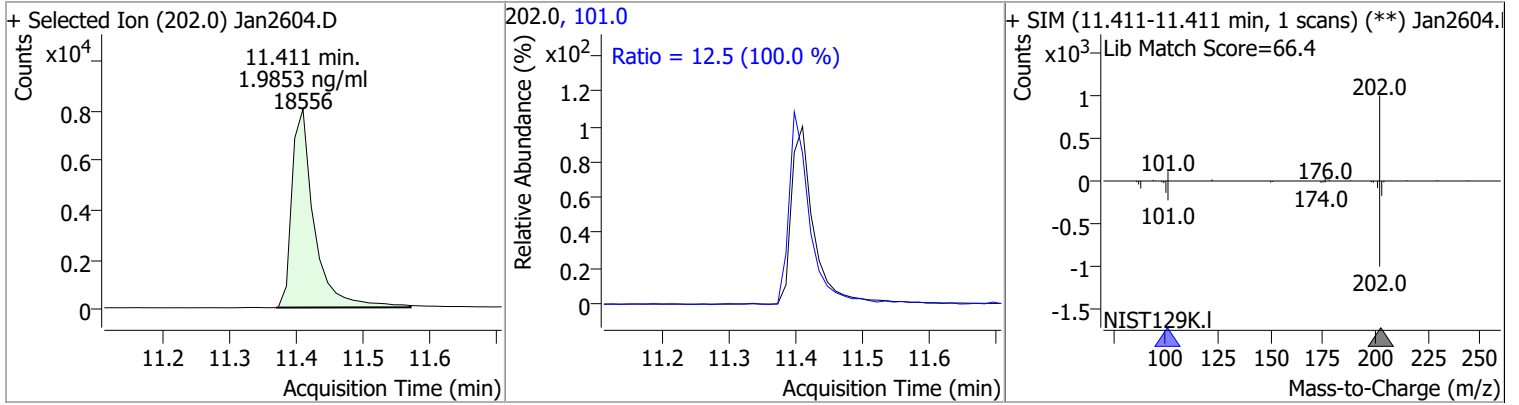


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	2.0283	10.30	0.00	9371	229.0	67.3	47.1	87.5
					215.0	44.4	31.1	57.7

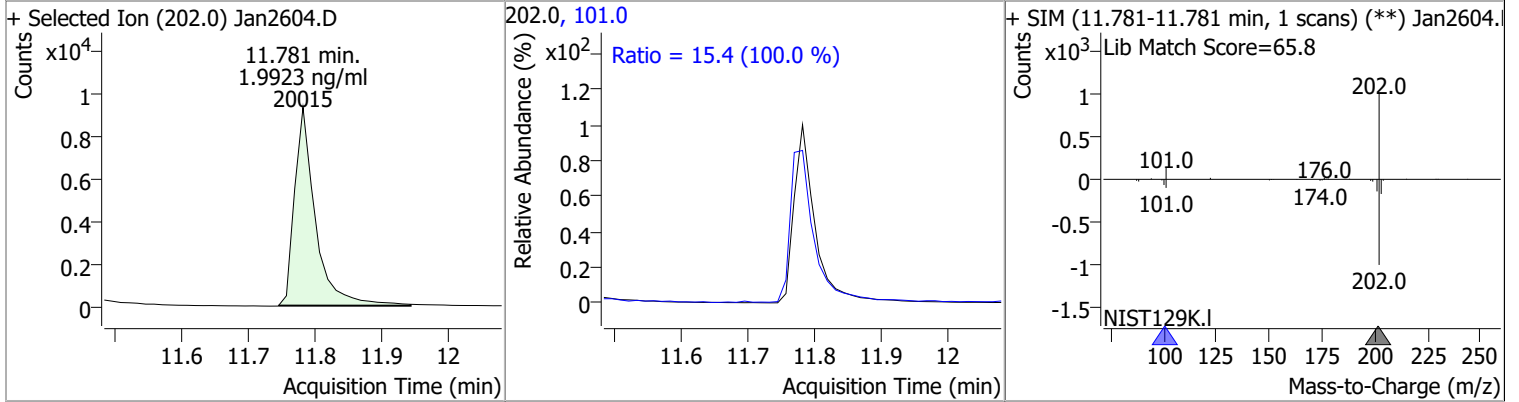


# Quantitation Results Report (QT Reviewed)

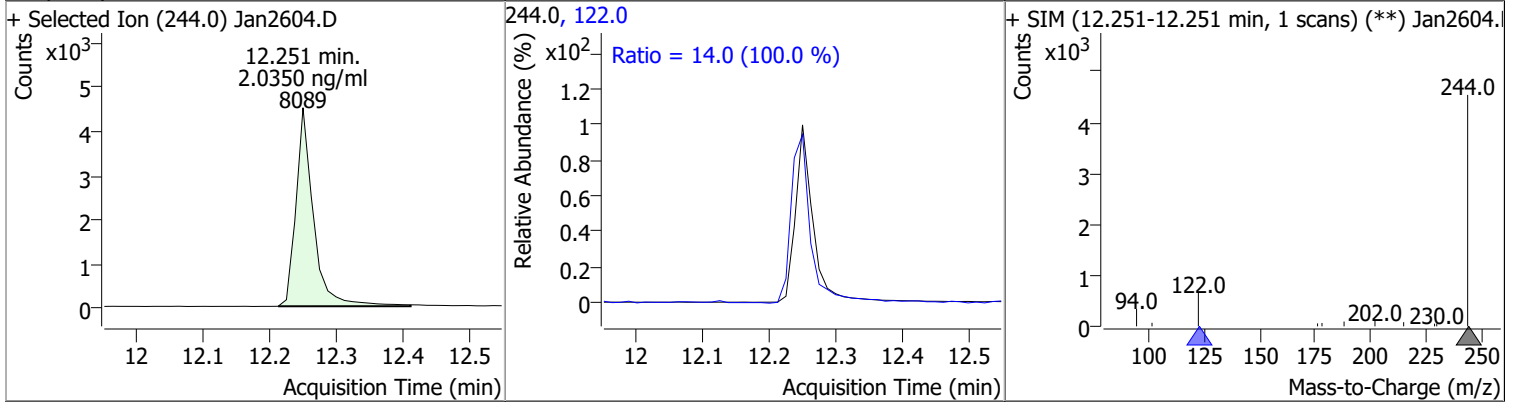
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	1.9853	11.41	0.00	18556	101.0	12.5	8.8	16.3



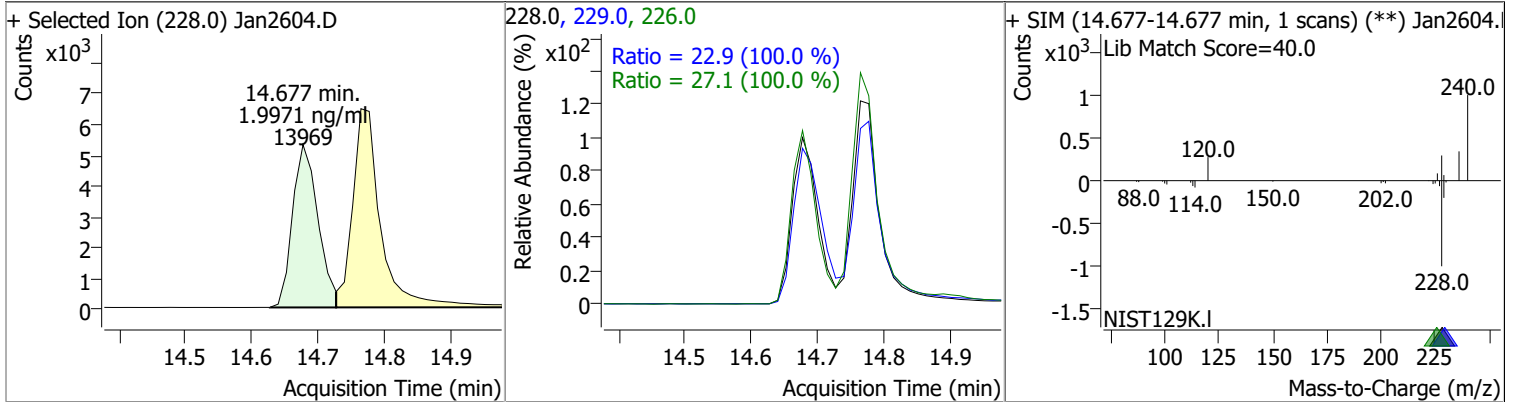
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	1.9923	11.78	0.00	20015	101.0	15.4	10.8	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	2.0350	12.25	0.00	8089	122.0	14.0	9.8	18.2

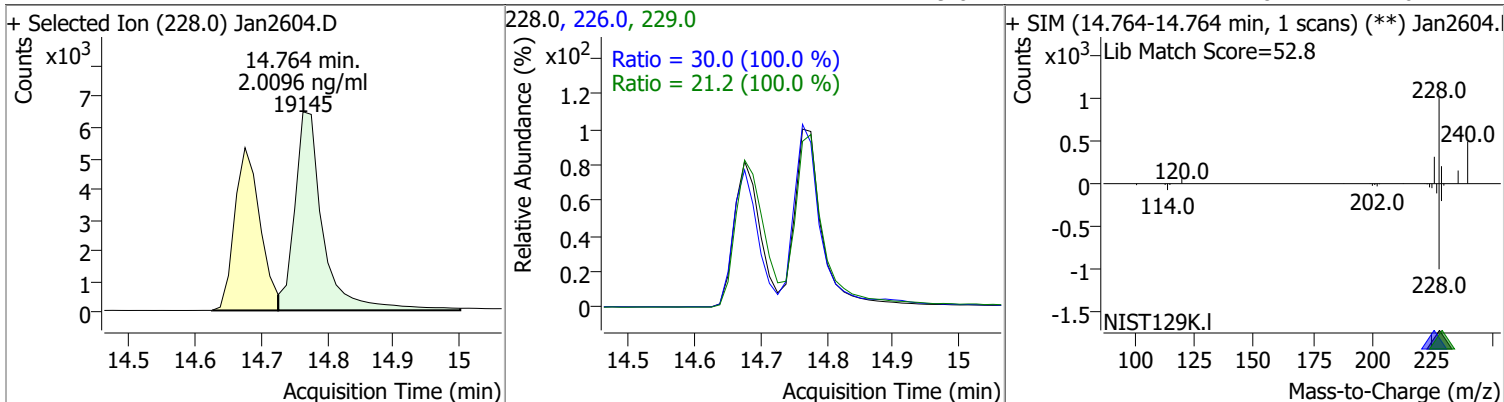


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	1.9971	14.68	0.00	13969	226.0	27.1	19.0	35.2
					229.0	22.9	16.0	29.7

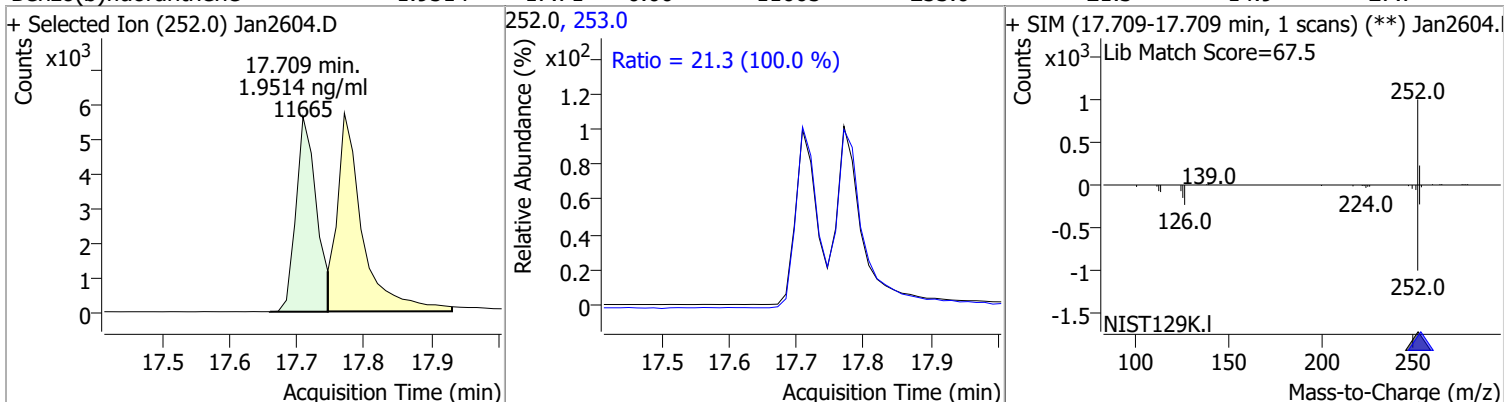


# Quantitation Results Report (QT Reviewed)

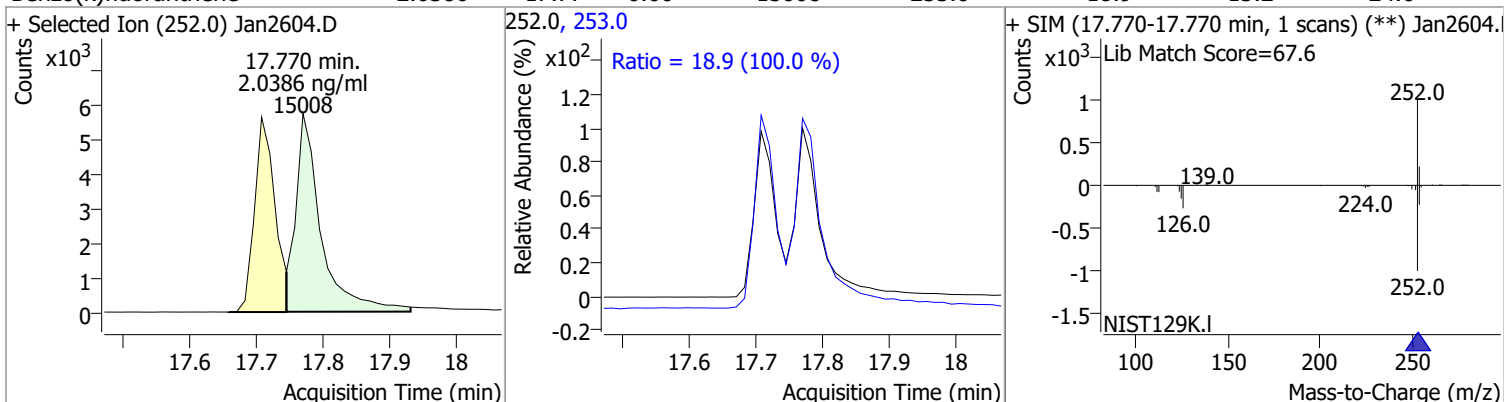
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	2.0096	14.76	0.00	19145	226.0	30.0	21.0	39.1
					229.0	21.2	14.8	27.6



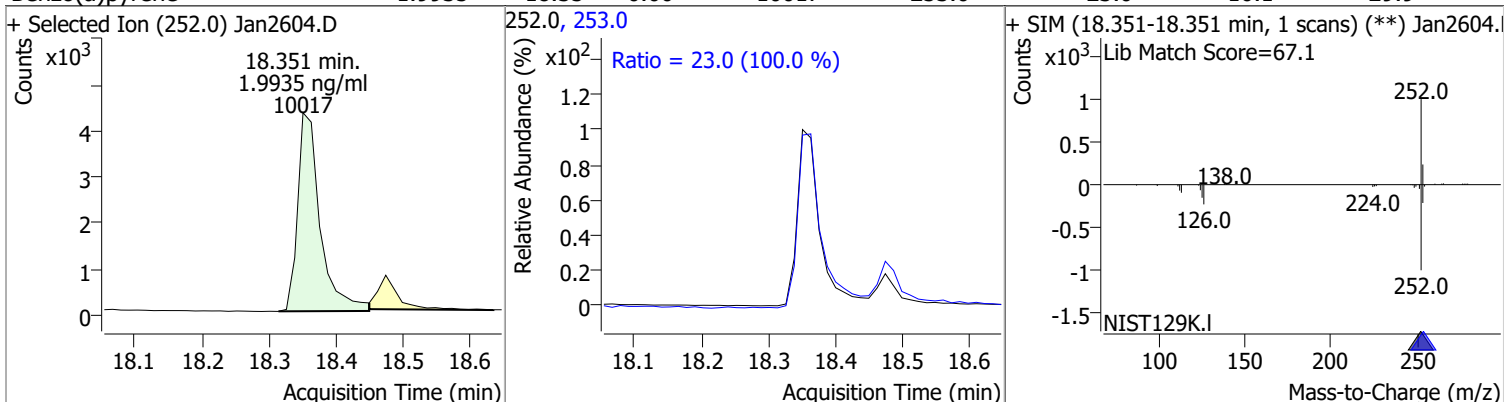
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	1.9514	17.71	0.00	11665	253.0	21.3	14.9	27.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	2.0386	17.77	0.00	15008	253.0	18.9	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	1.9935	18.35	0.00	10017	253.0	23.0	16.1	29.9



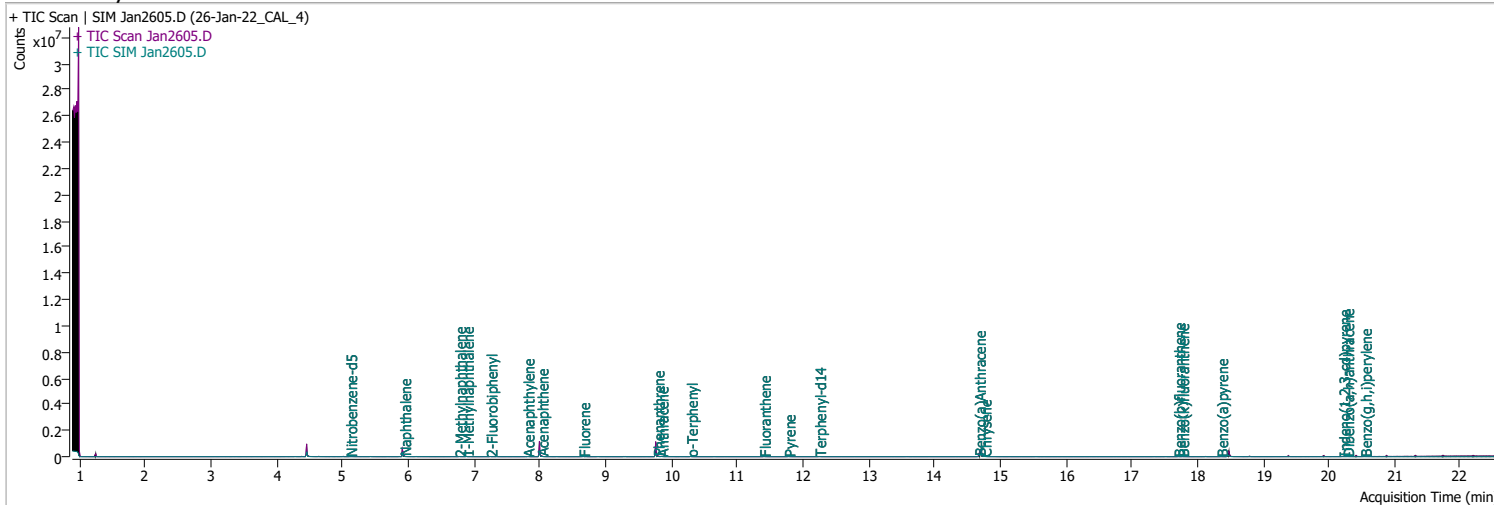
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	1.9586	20.22	0.00	8723	138.0	22.4	15.7	29.1
+ Selected Ion (276.0) Jan2604.D			276.0, 138.0			+ SIM (20.217-20.217 min, 1 scans) (**) Jan2604.1		
Dibenzo(a,h)anthracene	1.9839	20.28	0.00	10320	279.0	24.9	17.4	32.3
+ Selected Ion (278.0) Jan2604.D			278.0, 279.0, 139.0			+ SIM (20.279-20.279 min, 1 scans) (**) Jan2604.1		
Benzo(g,h,i)perylene	1.9718	20.54	0.00	13028	277.0	24.8	17.3	32.2
+ Selected Ion (276.0) Jan2604.D			276.0, 138.0, 277.0			+ SIM (20.538-20.538 min, 1 scans) (**) Jan2604.1		

# Quantitation Results Report (QT Reviewed)

Data File	Jan2605.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/26/2022 6:55:13 PM
Sample Name	26-Jan-22_CAL_4	Instrument	GCMS
Vial	5	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.459	152.0	118804	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	206930	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.000	164.0	133588	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	297219	40.0000	ng/ml	0.000
M Chrysene-d12	14.701	240.0	230359	40.0000	ng/ml	0.000
M Perylene-d12	18.474	264.0	149526	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	2239	0.9015	ng/ml	0.000
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 18.03%	*	
S 2-Fluorobiphenyl	7.252	172.0	5663	1.0598	ng/ml	0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 21.20%	*	
S o-Terphenyl	10.299	230.0	4670	1.0184	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 20.37%	*	
S Terphenyl-d14	12.251	244.0	4066	1.0414	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 20.83%	*	
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	5832	1.0716	ng/ml	98
T 2-Methylnaphthalene	6.777	141.0	3287	0.9978	ng/ml	94
T 1-Methylnaphthalene	6.890	141.0	3477	1.0393	ng/ml	96
T Acenaphthylene	7.813	152.0	6647	1.0895	ng/ml	99
T Acenaphthene	8.025	154.0	4165	1.0357	ng/ml	100
T Fluorene	8.661	166.0	5754	1.0725	ng/ml	100
T Phenanthrene	9.793	178.0	8253	1.0374	ng/ml	100
T Anthracene	9.854	178.0	7520	0.9692	ng/ml	99
T Fluoranthene	11.411	202.0	9437	1.0200	ng/ml	98
T Pyrene	11.781	202.0	10476	1.0774	ng/ml	98
T Benzo(a)Anthracene	14.677	228.0	7611	1.0591	ng/ml	97
T Chrysene	14.764	228.0	9630	1.0232	ng/ml	98
T Benzo(b)fluoranthene	17.708	252.0	5811	1.0199	ng/ml	100

# Quantitation Results Report (QT Reviewed)

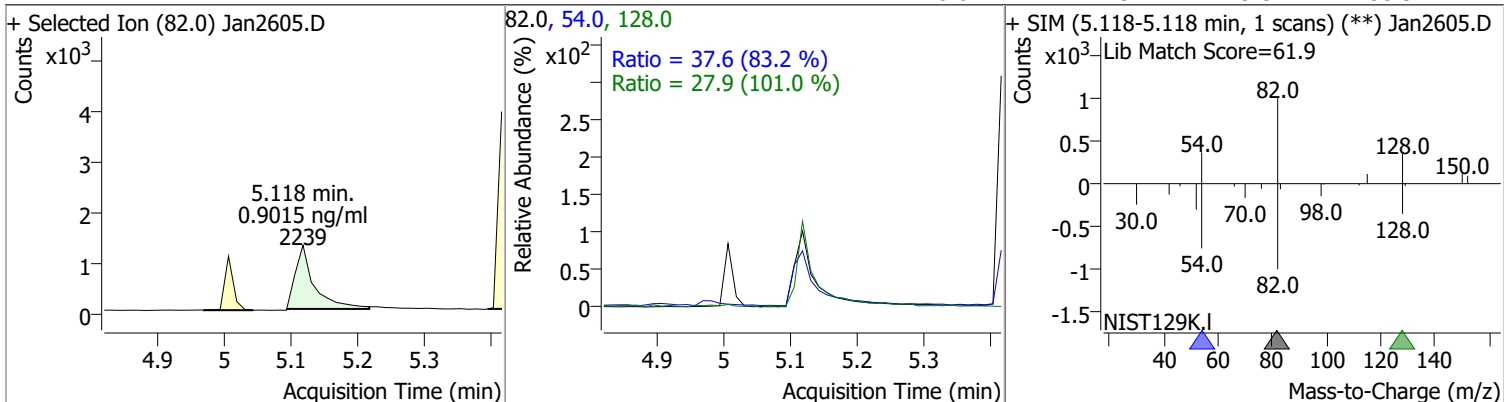
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	7708	1.0725	ng/ml	93
T Benzo(a)pyrene	18.363	252.0	5104	1.0626	ng/ml	98
T Indeno(1,2,3-cd)pyrene	20.217	276.0	4344	1.0219	ng/ml	98
T Dibenzo(a,h)anthracene	20.278	278.0	5183	1.0277	ng/ml	99
T Benzo(g,h,i)perylene	20.550	276.0	6666	1.0399	ng/ml	97

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

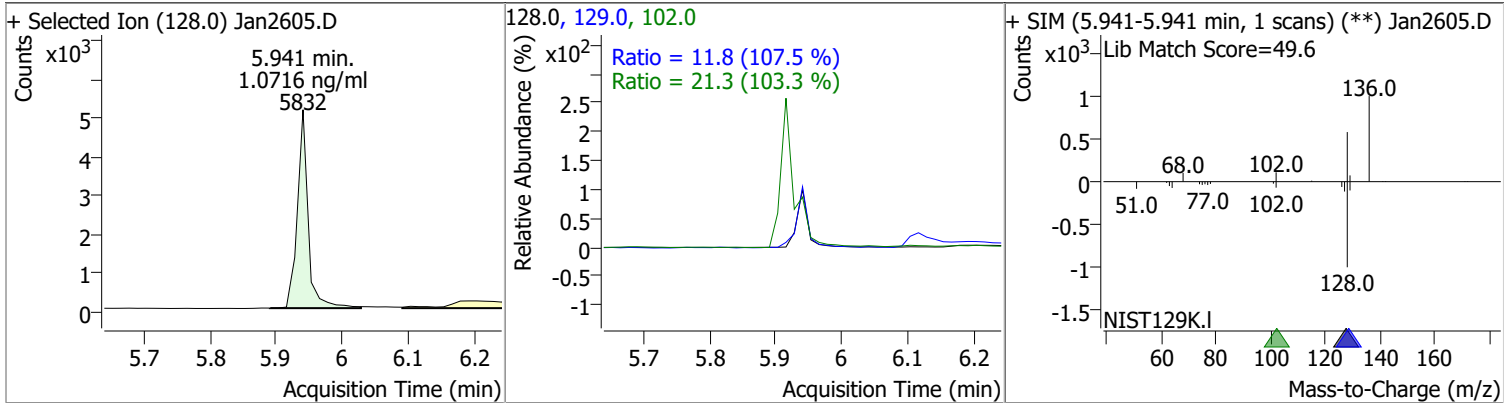


# Quantitation Results Report (QT Reviewed)

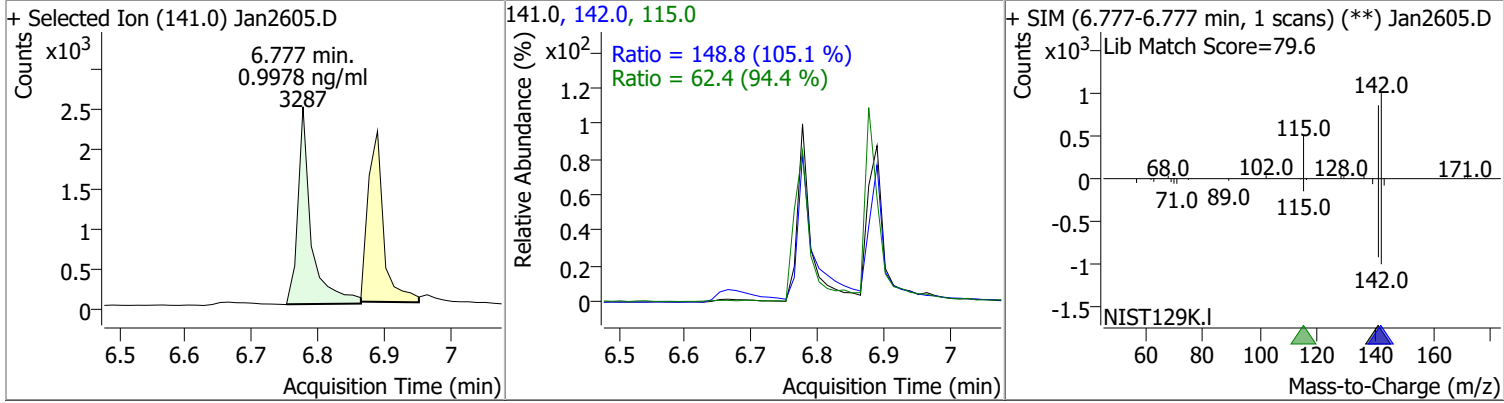
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	0.9015	5.12	0.00	2239	54.0 128.0	37.6 27.9	31.6 19.3	58.8 35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	1.0716	5.94	0.00	5832	102.0 129.0	21.3 11.8	0.0 7.7	61.8 14.3

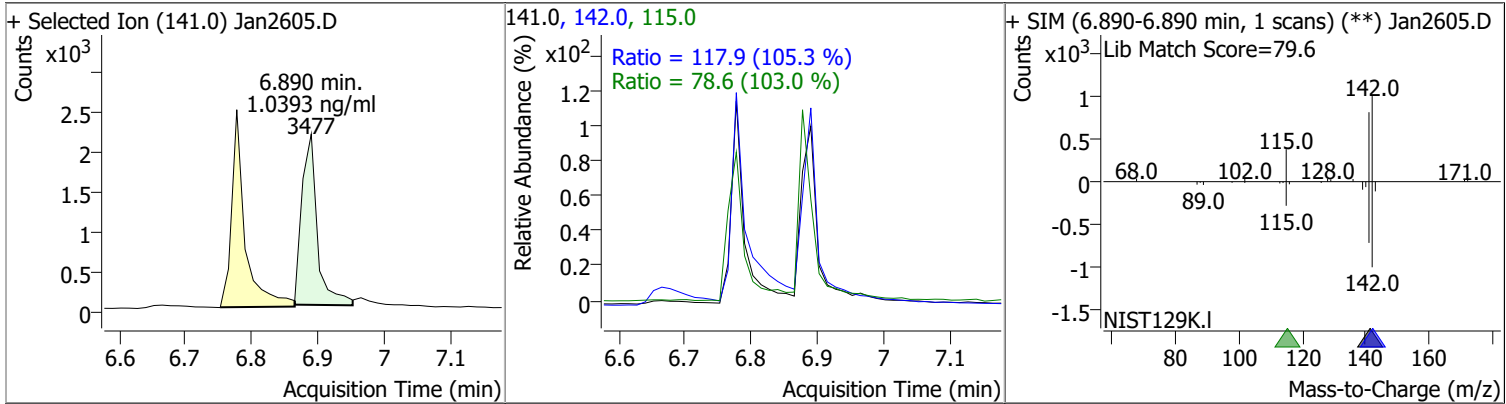


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	0.9978	6.78	0.00	3287	142.0 115.0	148.8 62.4	99.1 46.3	184.0 86.0

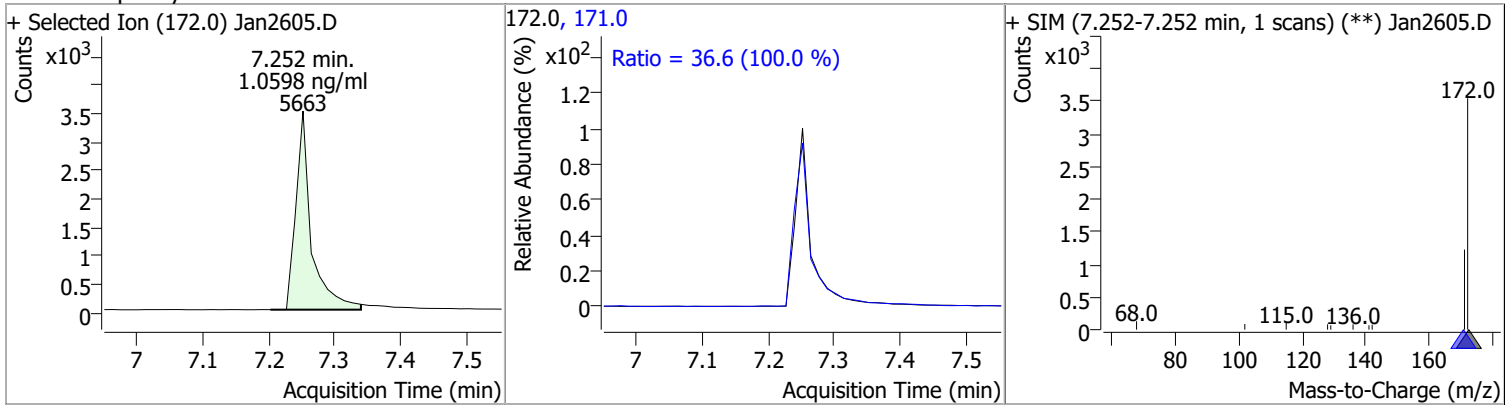


# Quantitation Results Report (QT Reviewed)

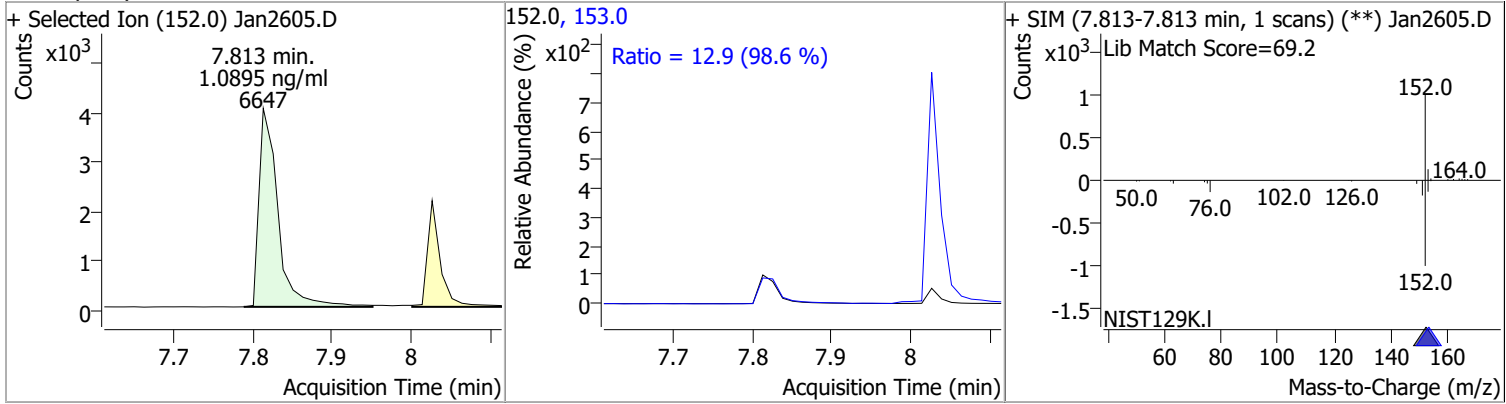
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	1.0393	6.89	0.01	3477	142.0 115.0	117.9 78.6	78.3 53.4	145.5 99.2



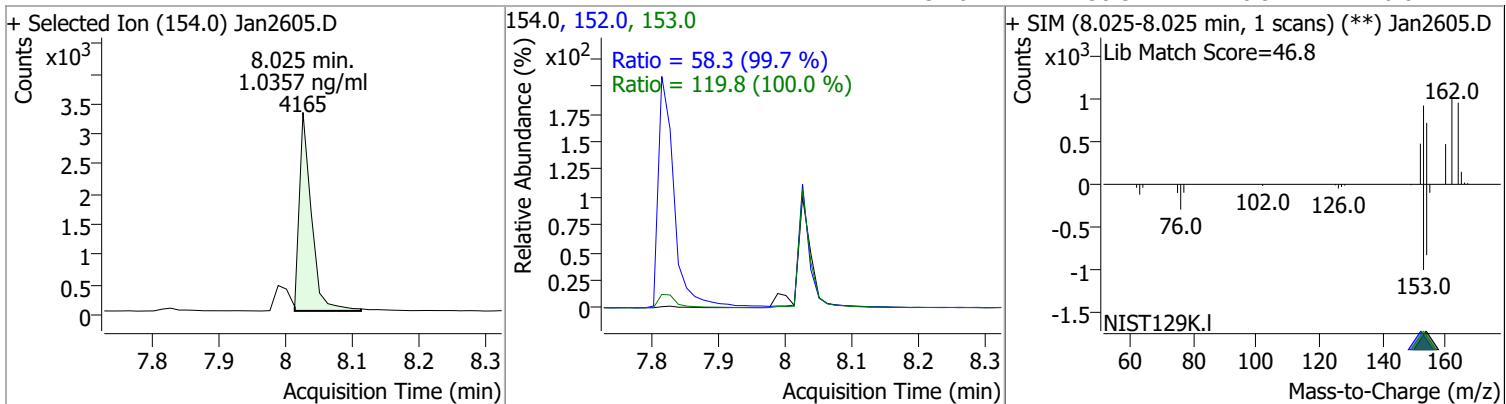
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	1.0598	7.25	0.00	5663	171.0	36.6	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	1.0895	7.81	0.00	6647	153.0	12.9	9.1	17.0

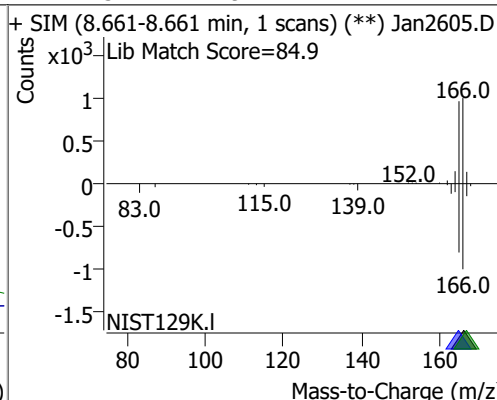
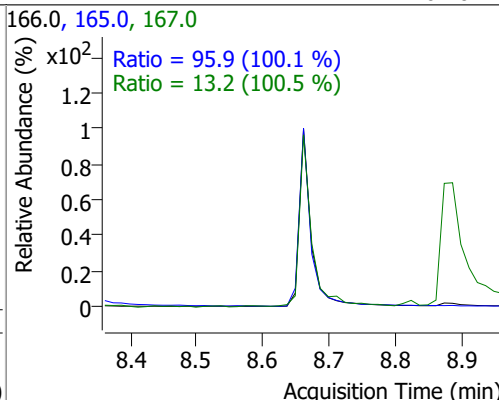
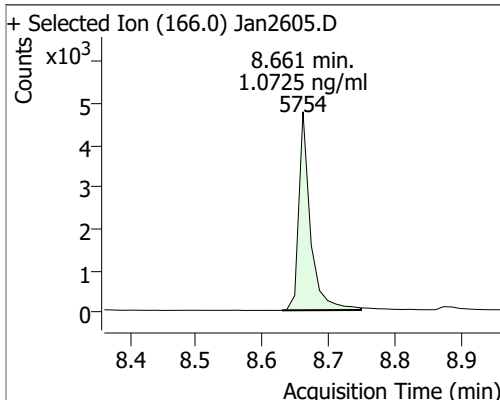


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	1.0357	8.03	0.00	4165	153.0 152.0	119.8 58.3	83.9 40.9	155.8 76.0

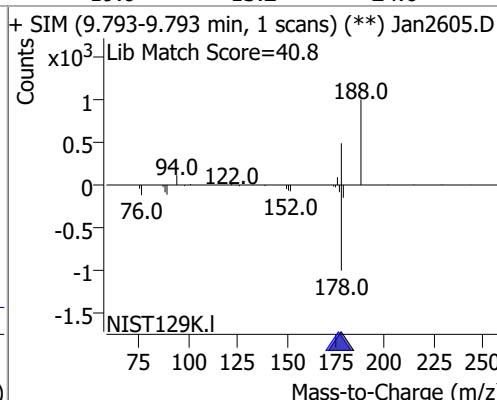
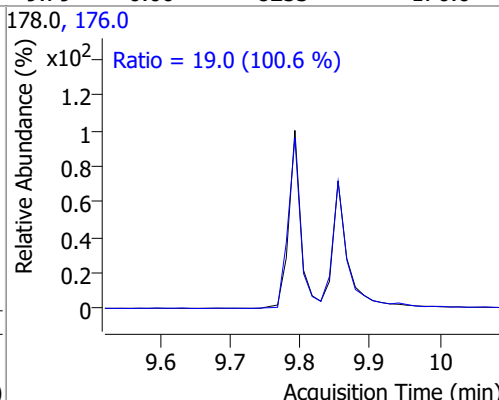
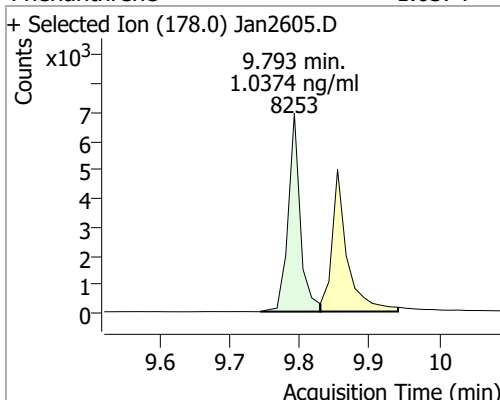


# Quantitation Results Report (QT Reviewed)

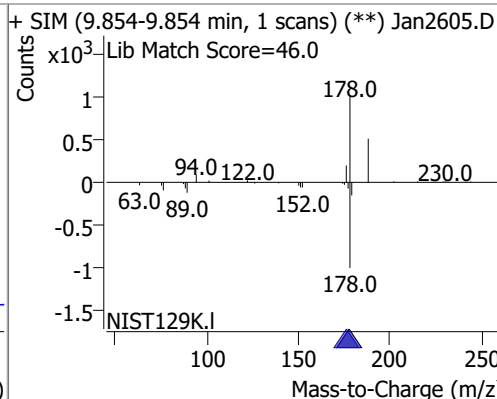
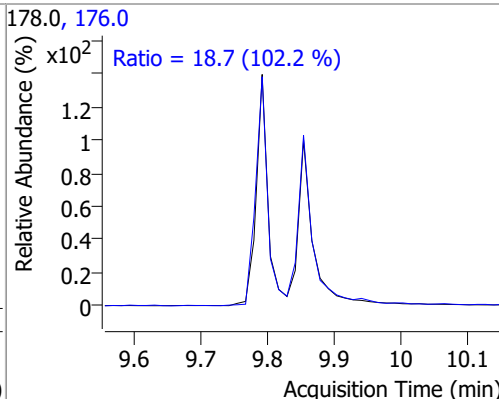
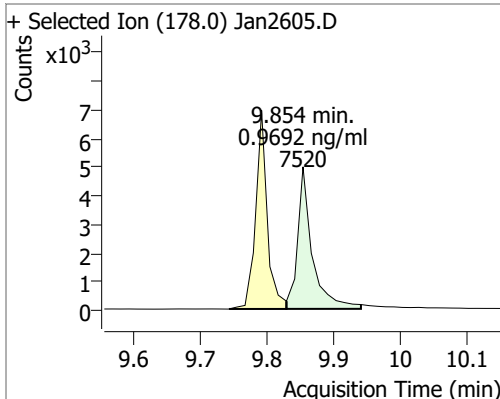
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	1.0725	8.66	0.00	5754	165.0	95.9	67.0	124.5
					167.0	13.2	9.2	17.1



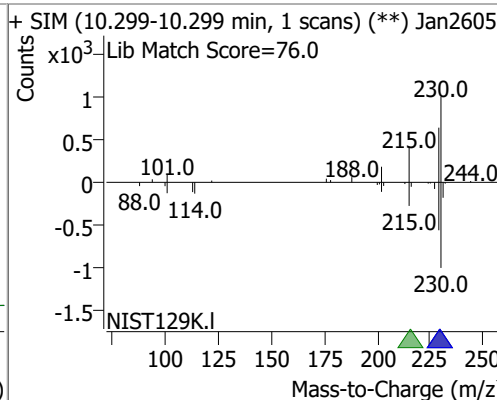
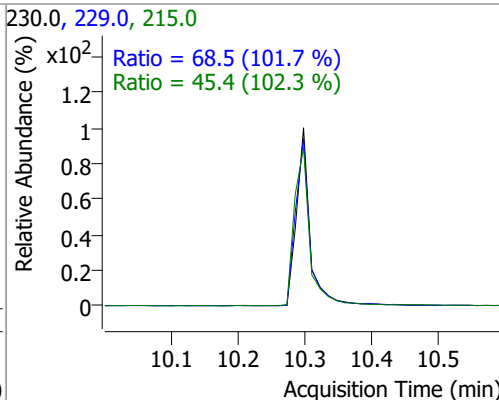
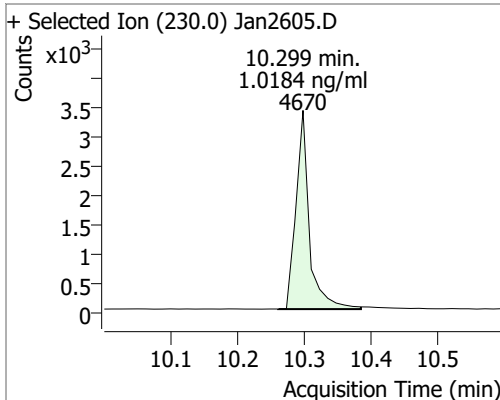
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	1.0374	9.79	0.00	8253	176.0	19.0	13.2	24.6
					178.0	19.0	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	0.9692	9.85	0.00	7520	176.0	18.7	12.8	23.8
					178.0	18.7	12.8	23.8

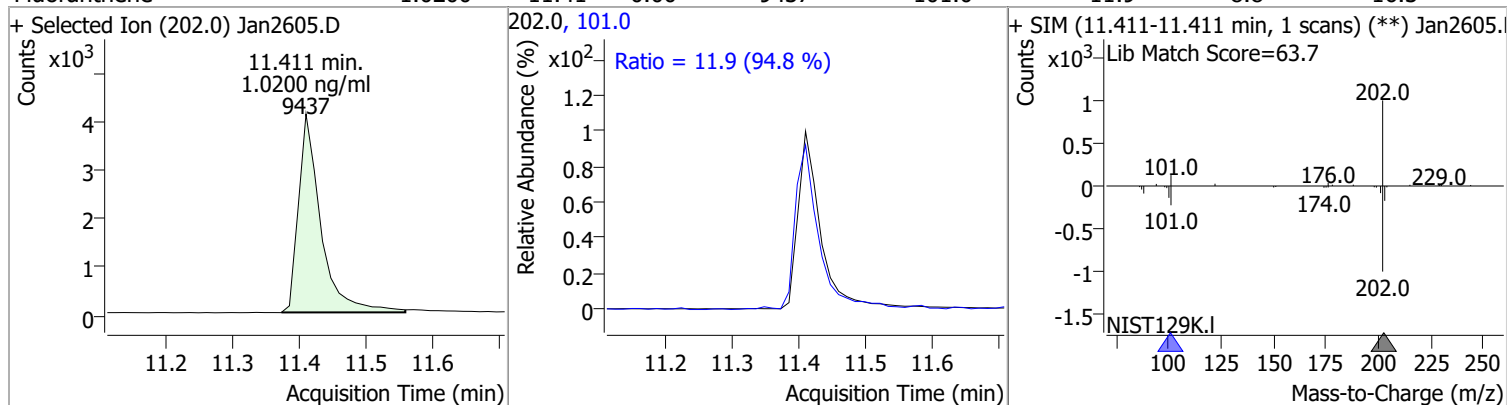


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	1.0184	10.30	0.00	4670	229.0	68.5	47.1	87.5
					215.0	45.4	31.1	57.7
					230.0	68.5	47.1	87.5

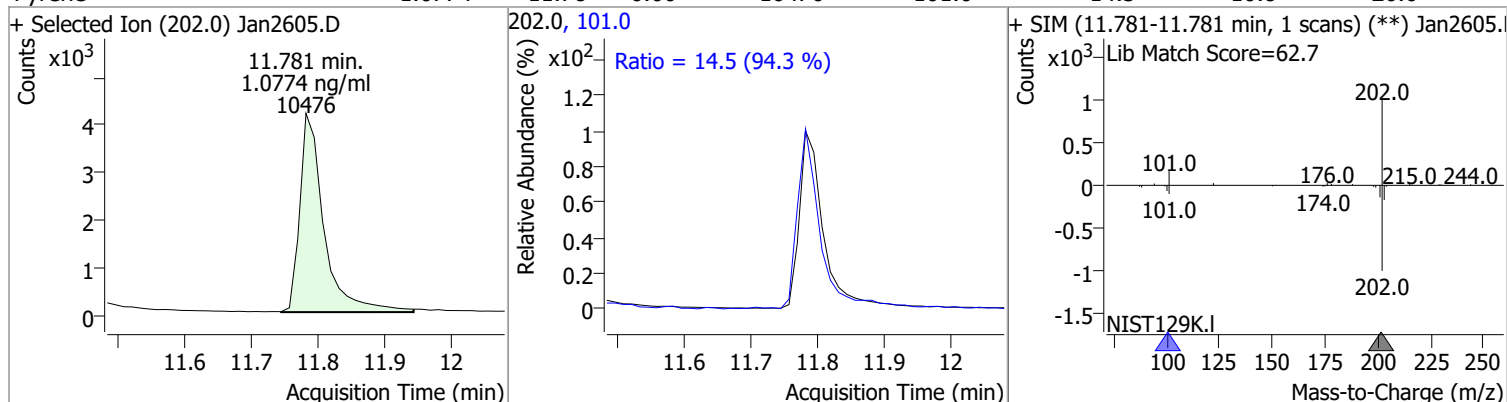


# Quantitation Results Report (QT Reviewed)

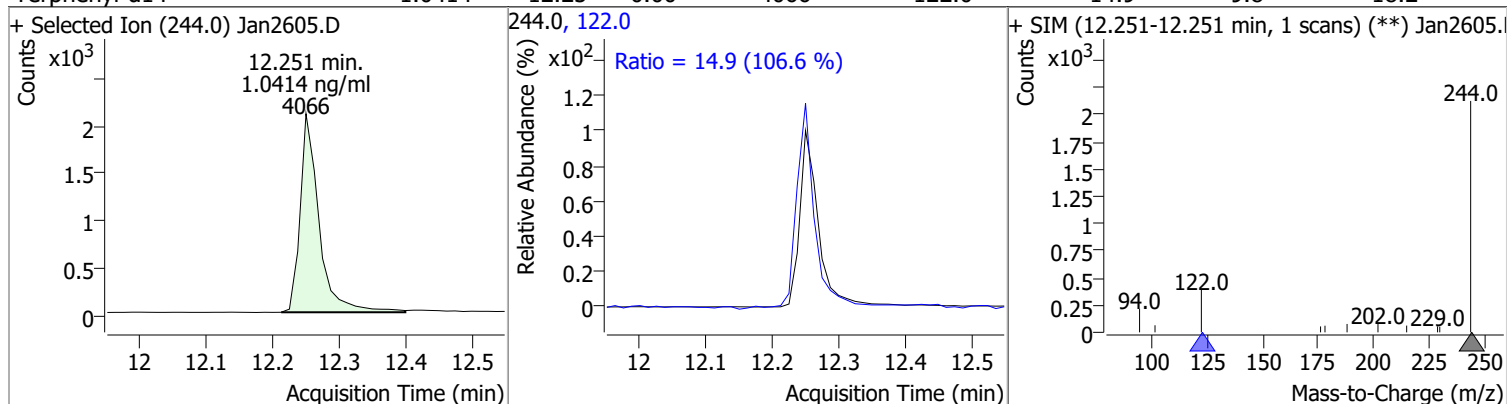
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	1.0200	11.41	0.00	9437	101.0	11.9	8.8	16.3



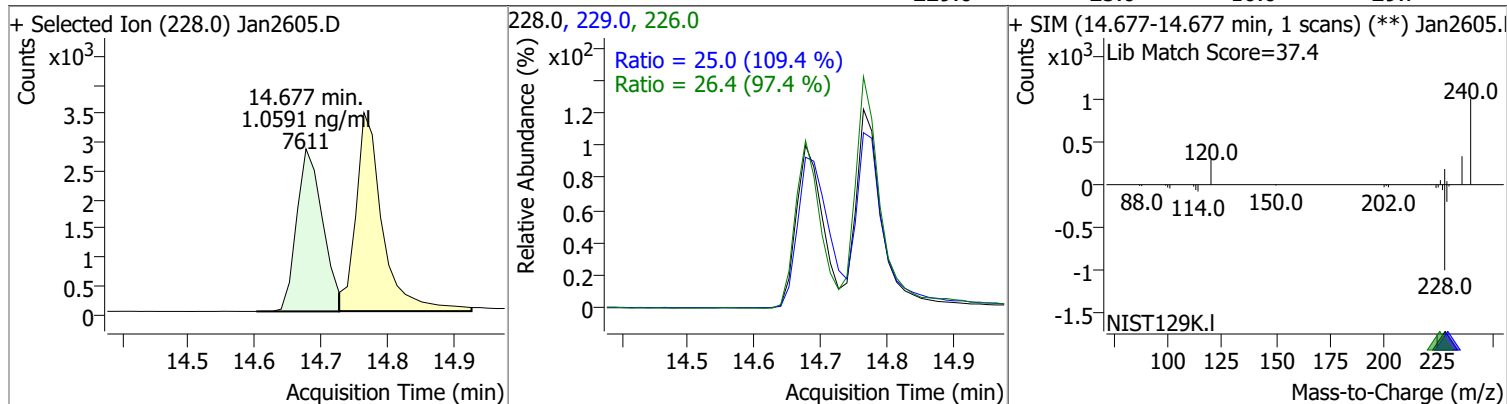
Pyrene	1.0774	11.78	0.00	10476	101.0	14.5	10.8	20.0
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Terphenyl-d14	1.0414	12.25	0.00	4066	122.0	14.9	9.8	18.2
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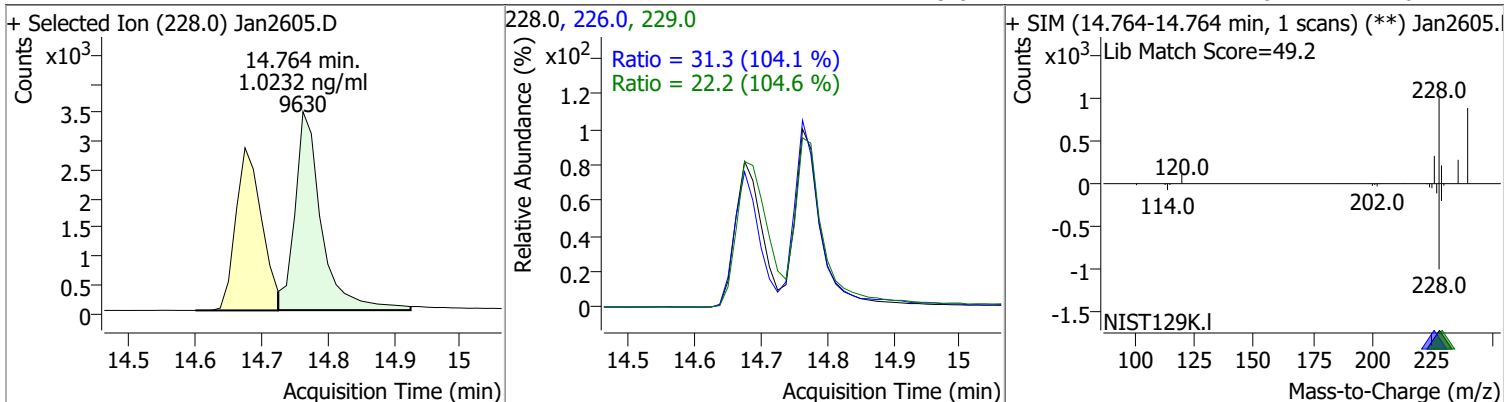


Benzo(a)Anthracene	1.0591	14.68	0.00	7611	226.0	26.4	19.0	35.2
					229.0	25.0	16.0	29.7

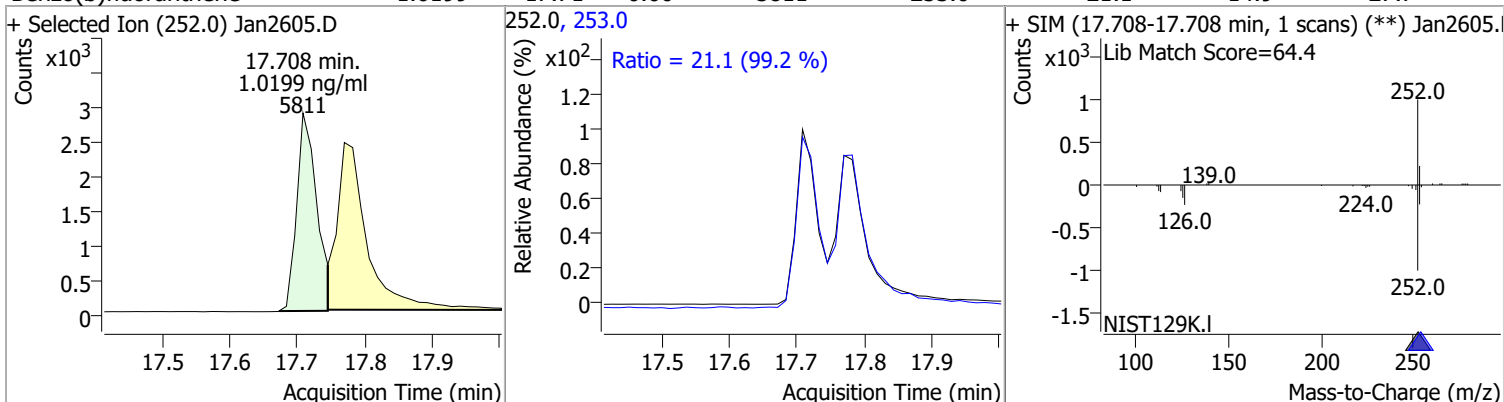


# Quantitation Results Report (QT Reviewed)

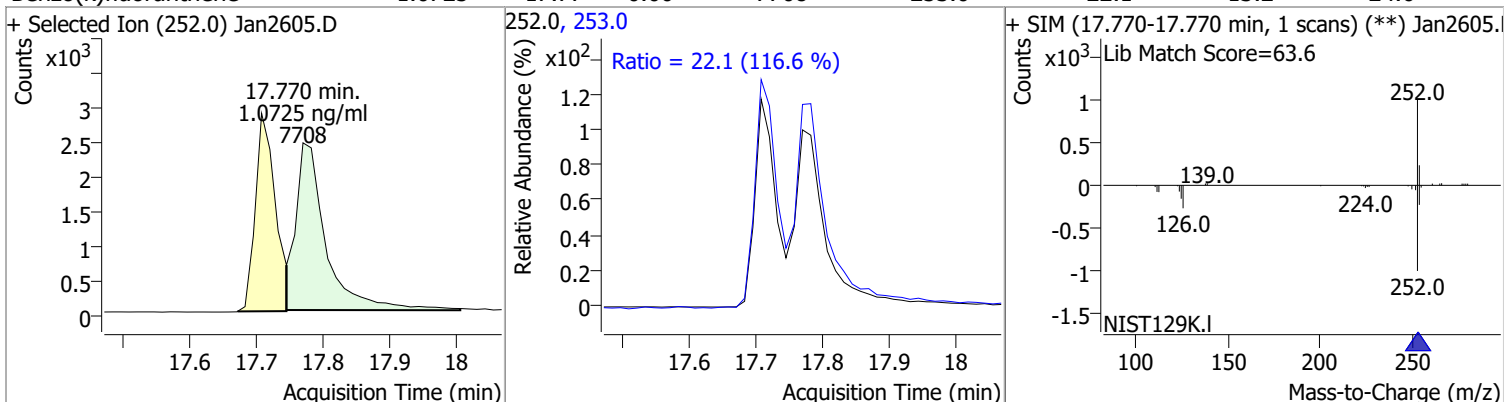
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	1.0232	14.76	0.00	9630	226.0	31.3	21.0	39.1
					229.0	22.2	14.8	27.6



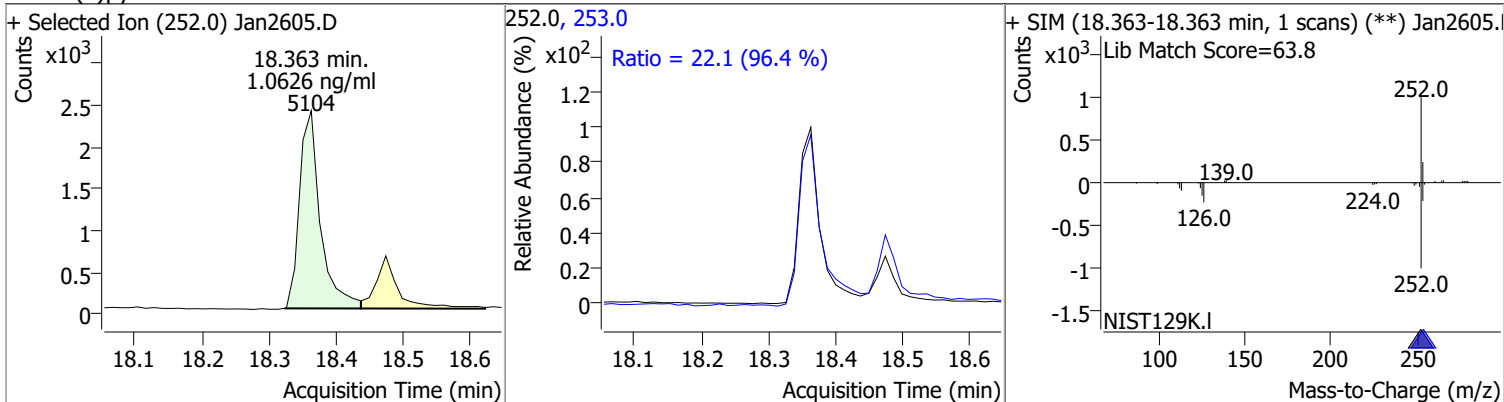
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	1.0199	17.71	0.00	5811	253.0	21.1	14.9	27.7



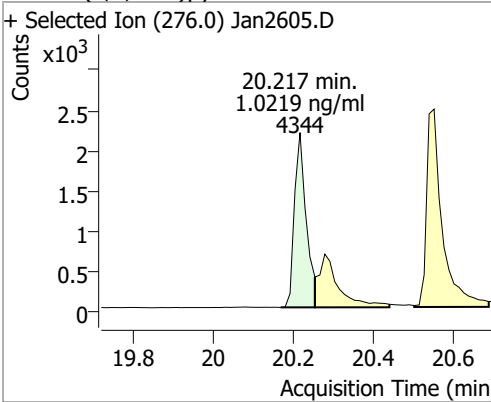
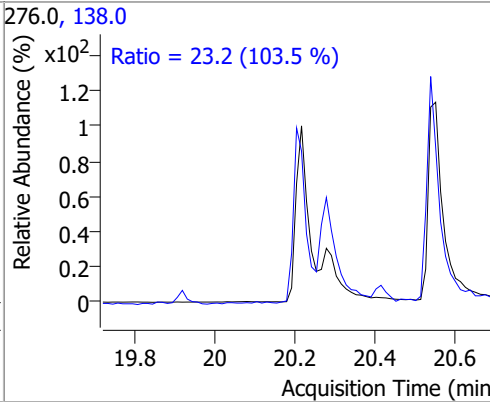
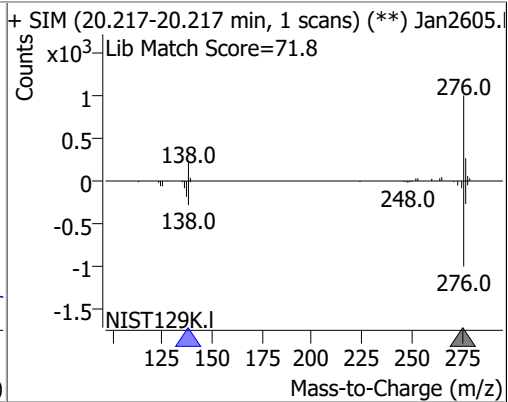
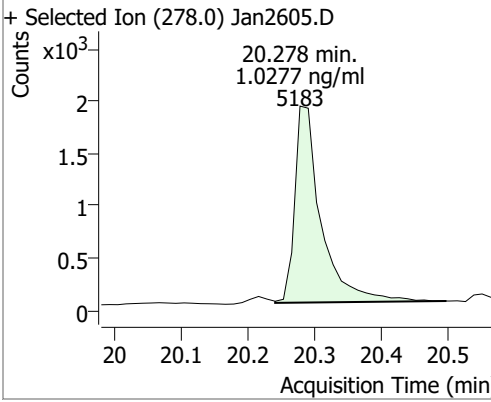
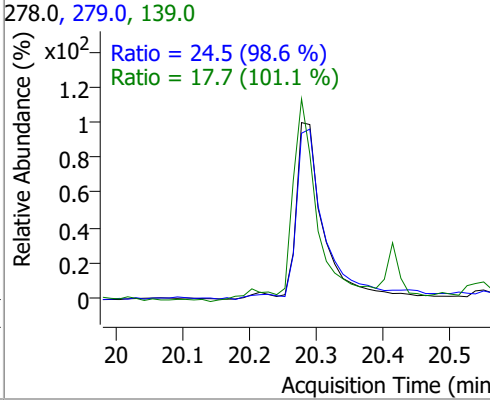
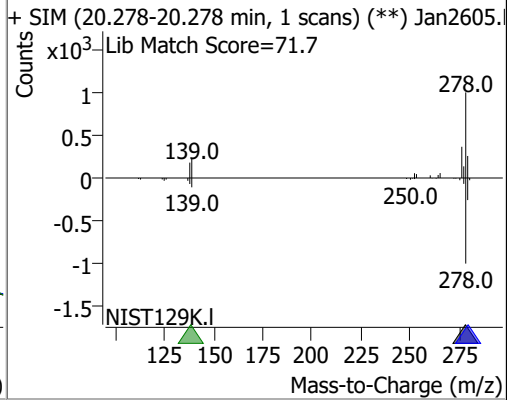
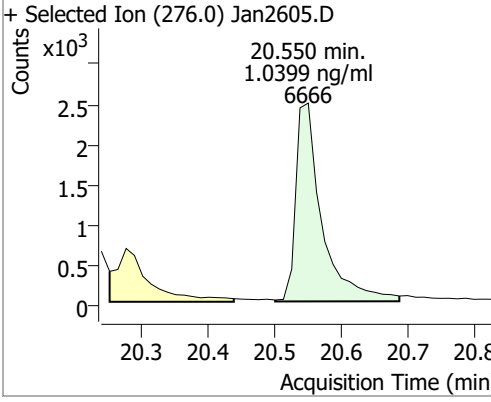
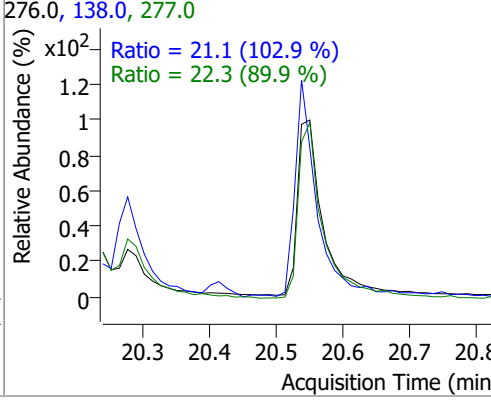
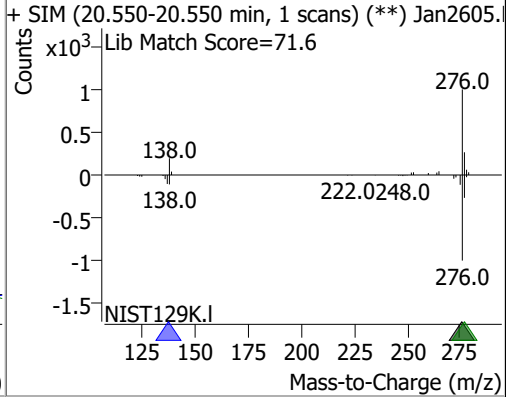
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	1.0725	17.77	0.00	7708	253.0	22.1	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	1.0626	18.36	0.01	5104	253.0	22.1	16.1	29.9



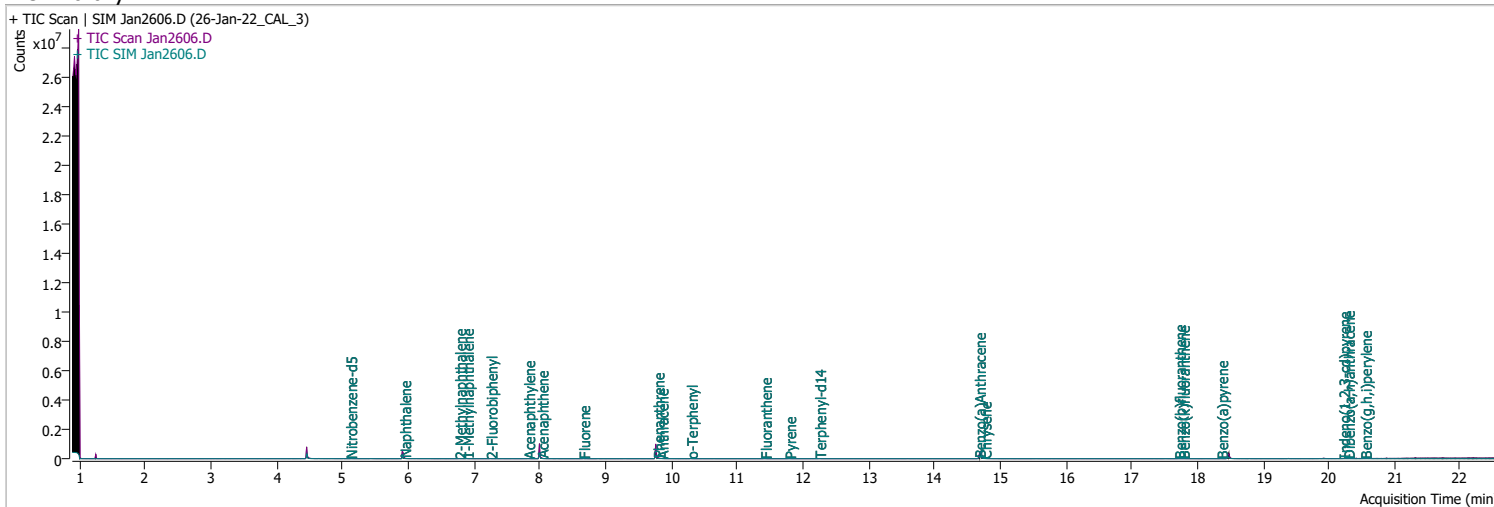
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	1.0219	20.22	0.00	4344	138.0	23.2	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2605.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 23.2 (103.5 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.217-20.217 min, 1 scans) (**) Jan2605.D</p> <p>Lib Match Score=71.8</p>  </div> </div>								
Dibenzo(a,h)anthracene	1.0277	20.28	0.00	5183	279.0	24.5	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2605.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 24.5 (98.6 %)</p> <p>Ratio = 17.7 (101.1 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.278-20.278 min, 1 scans) (**) Jan2605.D</p> <p>Lib Match Score=71.7</p>  </div> </div>								
Benzo(g,h,i)perylene	1.0399	20.55	0.01	6666	277.0	22.3	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2605.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 21.1 (102.9 %)</p> <p>Ratio = 22.3 (89.9 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.550-20.550 min, 1 scans) (**) Jan2605.D</p> <p>Lib Match Score=71.6</p>  </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan2606.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/26/2022 7:27:45 PM
Sample Name	26-Jan-22_CAL_3	Instrument	GCMS
Vial	6	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.460	152.0	107131	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	195249	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.000	164.0	122643	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	263782	40.0000	ng/ml	0.000
M Chrysene-d12	14.701	240.0	212195	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	135956	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	1090	0.5080	ng/ml	0.000
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 10.16%	*	
S 2-Fluorobiphenyl	7.252	172.0	2663	0.5229	ng/ml	0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 10.46%	*	
S o-Terphenyl	10.299	230.0	2213	0.5232	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 10.46%	*	
S Terphenyl-d14	12.251	244.0	2019	0.5293	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 10.59%	*	
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	2733	0.5141	ng/ml	83
T 2-Methylnaphthalene	6.777	141.0	1595	0.4954	ng/ml	99
T 1-Methylnaphthalene	6.890	141.0	1703	0.5151	ng/ml	93
T Acenaphthylene	7.826	152.0	2978	0.5110	ng/ml	98
T Acenaphthene	8.025	154.0	1993	0.5106	ng/ml	94
T Fluorene	8.661	166.0	2639	0.5119	ng/ml	99
T Phenanthrene	9.793	178.0	3972	0.5309	ng/ml	99
T Anthracene	9.854	178.0	3577	0.4937	ng/ml	99
T Fluoranthene	11.423	202.0	4505	0.5300	ng/ml	98
T Pyrene	11.794	202.0	4977	0.5351	ng/ml	100
T Benzo(a)Anthracene	14.677	228.0	3947	0.5048	ng/ml	94
T Chrysene	14.764	228.0	4857	0.5307	ng/ml	98
T Benzo(b)fluoranthene	17.721	252.0	2452	0.4618	ng/ml	96

# Quantitation Results Report (QT Reviewed)

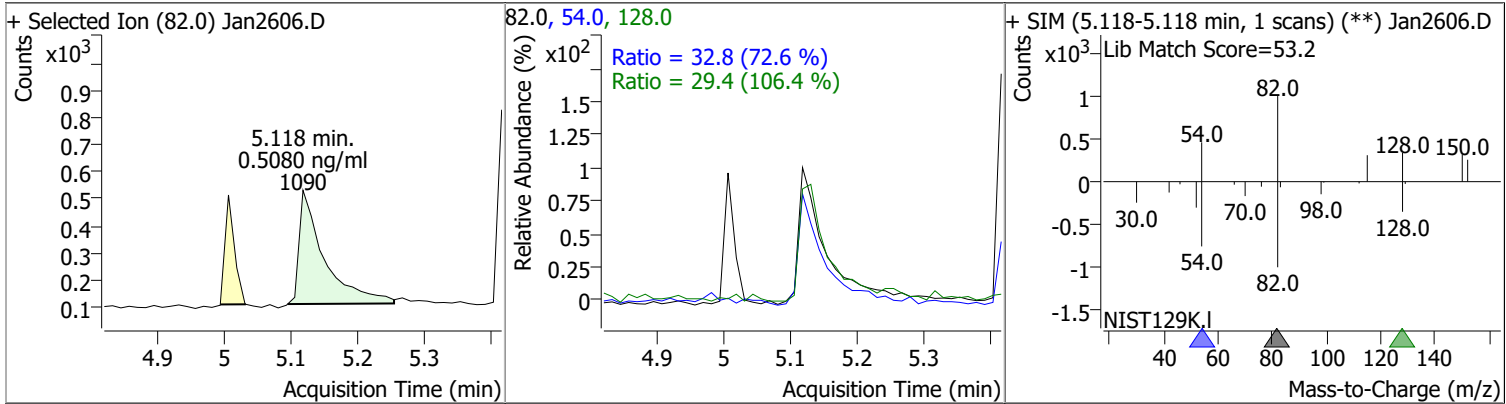
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.783	252.0	3114	0.4483	ng/ml	# 80
T Benzo(a)pyrene	18.363	252.0	2288	0.5120	ng/ml	96
T Indeno(1,2,3-cd)pyrene	20.217	276.0	1983	0.5014	ng/ml	99
T Dibenzo(a,h)anthracene	20.291	278.0	2436	0.5128	ng/ml	95
T Benzo(g,h,i)perylene	20.550	276.0	3075	0.5080	ng/ml	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

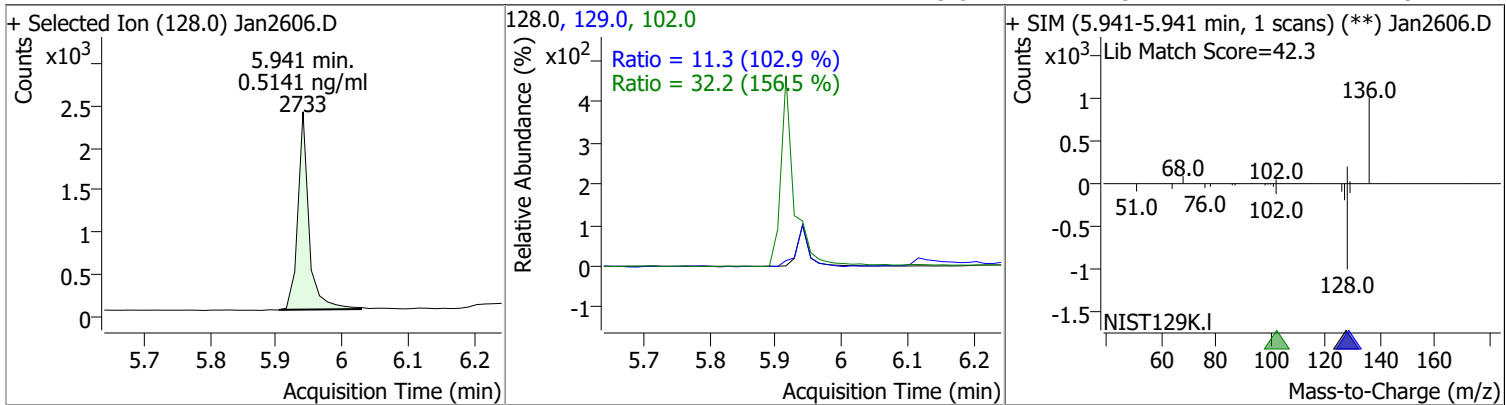


# Quantitation Results Report (QT Reviewed)

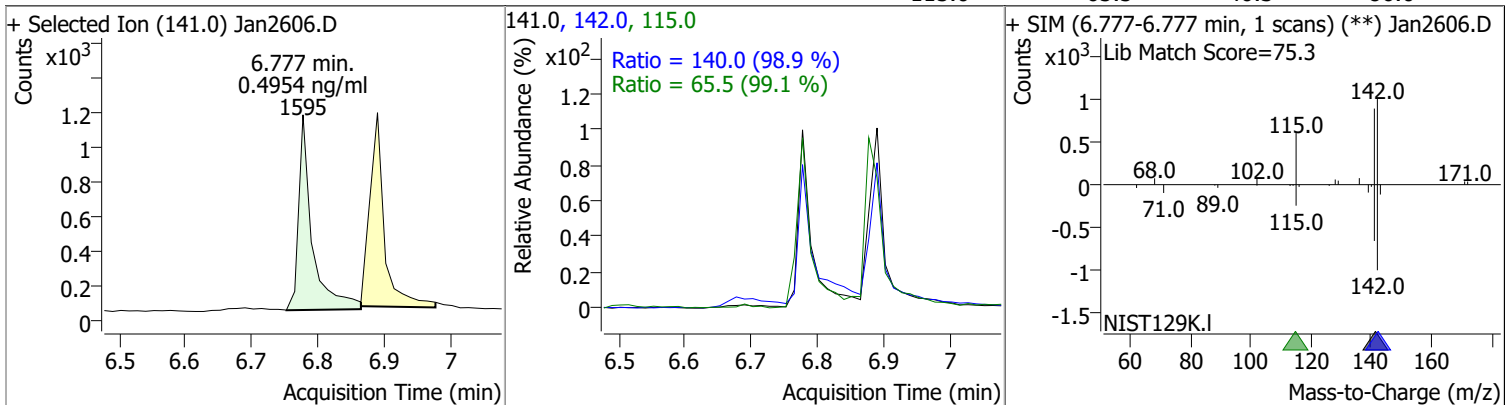
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	0.5080	5.12	0.00	1090	54.0 128.0	32.8 29.4	31.6 19.3	58.8 35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	0.5141	5.94	0.00	2733	102.0 129.0	32.2 11.3	0.0 7.7	61.8 14.3

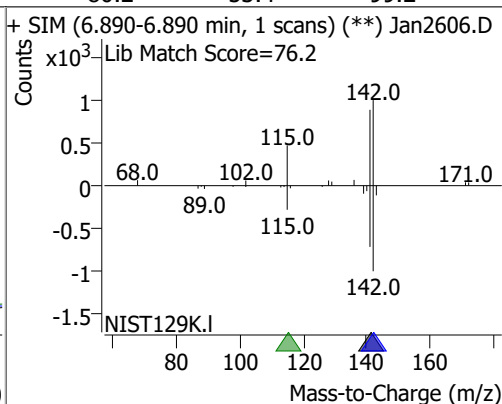
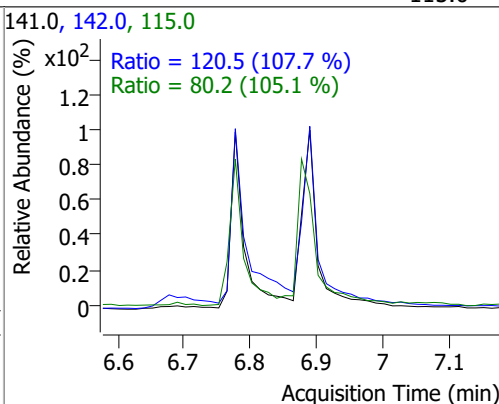
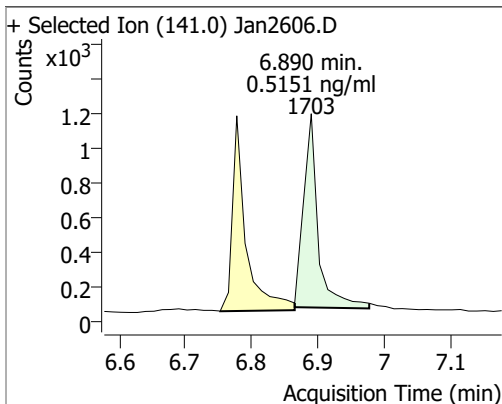


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	0.4954	6.78	0.00	1595	142.0 115.0	140.0 65.5	99.1 46.3	184.0 86.0

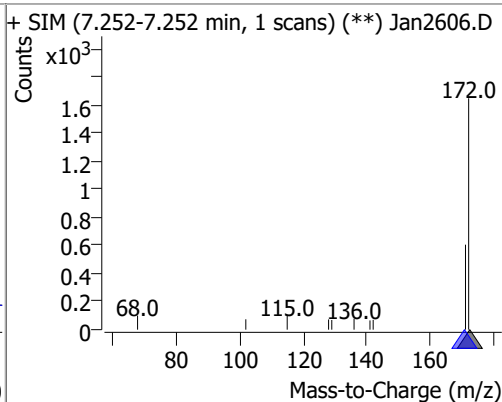
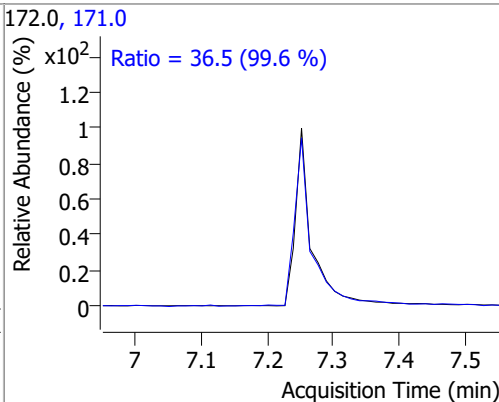
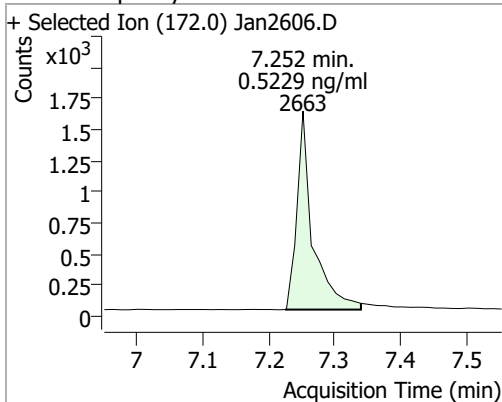


# Quantitation Results Report (QT Reviewed)

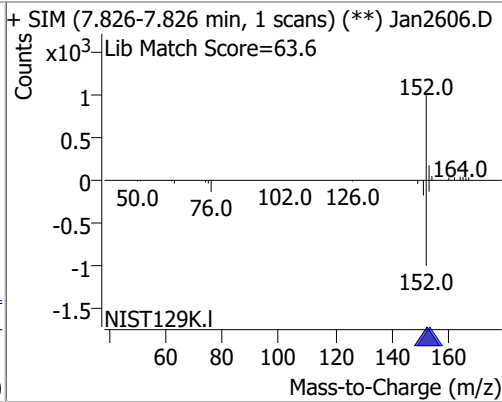
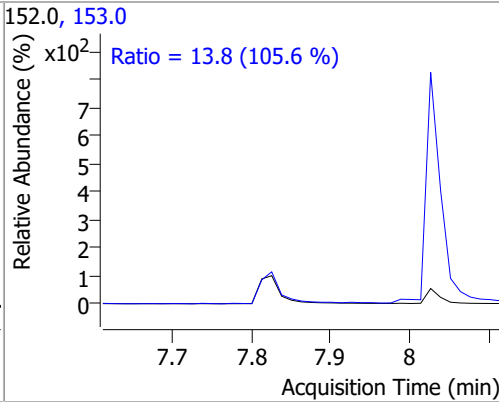
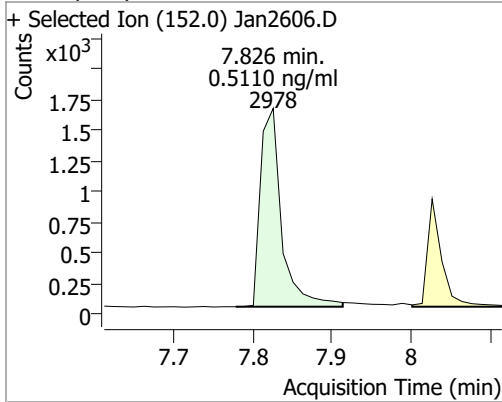
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	0.5151	6.89	0.01	1703	142.0	120.5	78.3	145.5
					115.0	80.2	53.4	99.2



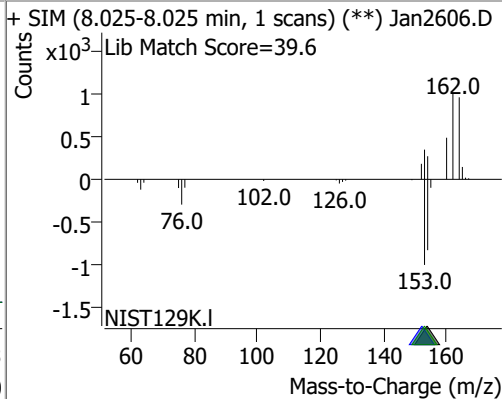
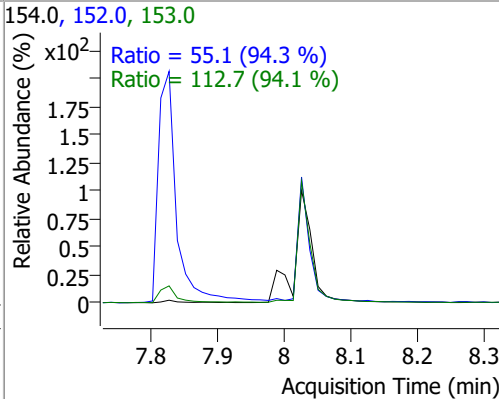
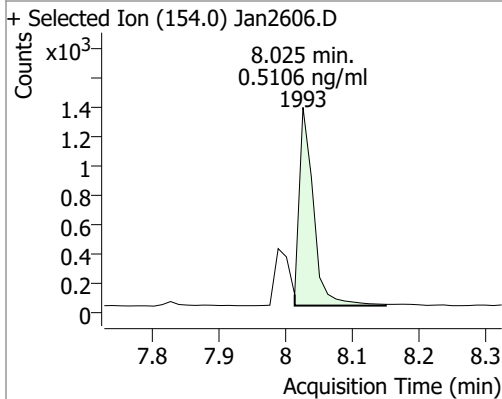
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	0.5229	7.25	0.00	2663	171.0	36.5	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	0.5110	7.83	0.01	2978	153.0	13.8	9.1	17.0

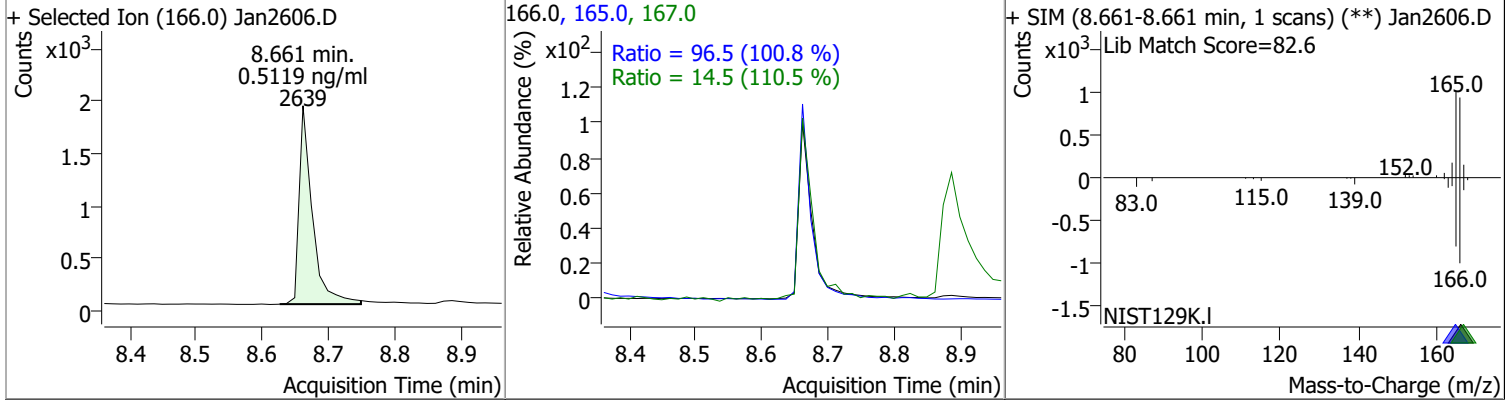


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	0.5106	8.03	0.00	1993	153.0	112.7	83.9	155.8
					152.0	55.1	40.9	76.0

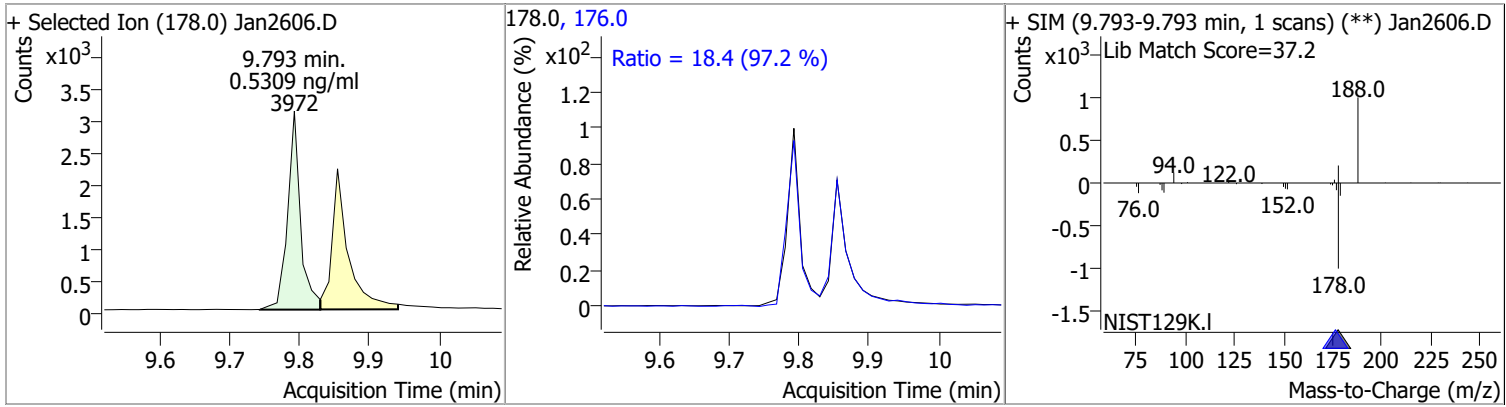


# Quantitation Results Report (QT Reviewed)

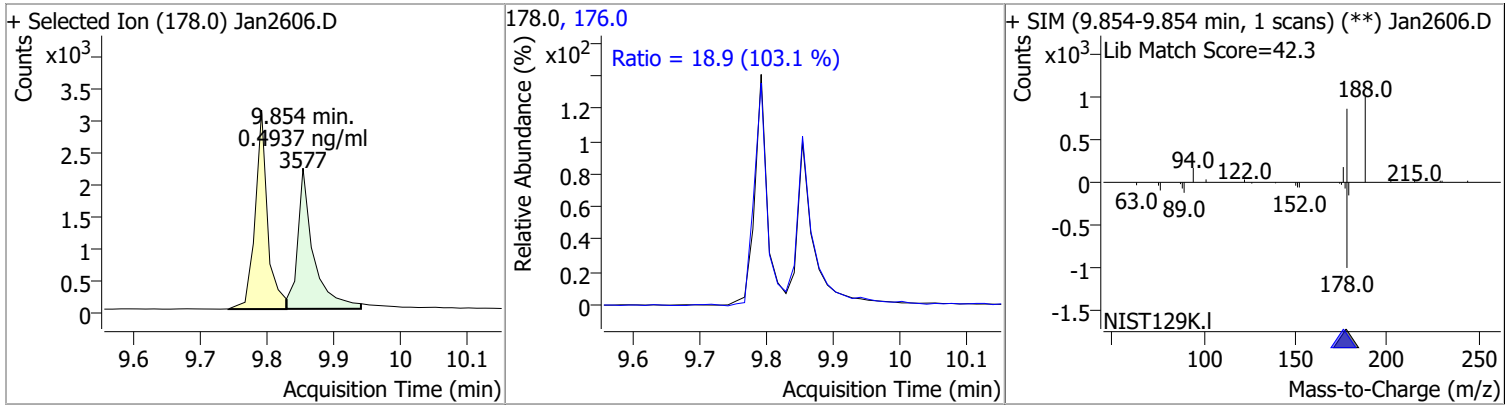
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	0.5119	8.66	0.00	2639	165.0	96.5	67.0	124.5
					167.0	14.5	9.2	17.1



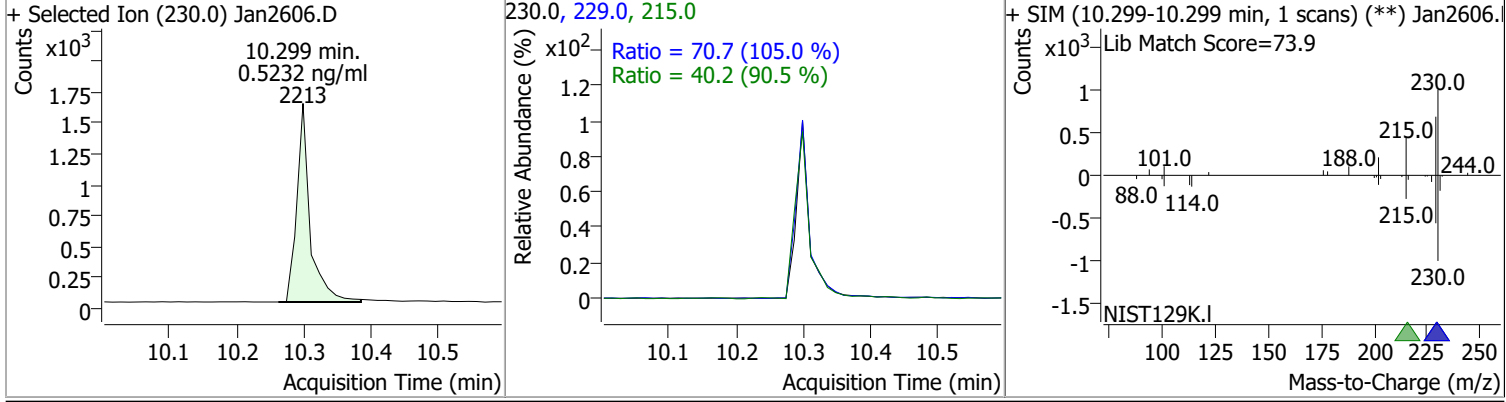
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	0.5309	9.79	0.00	3972	176.0	18.4	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	0.4937	9.85	0.00	3577	176.0	18.9	12.8	23.8

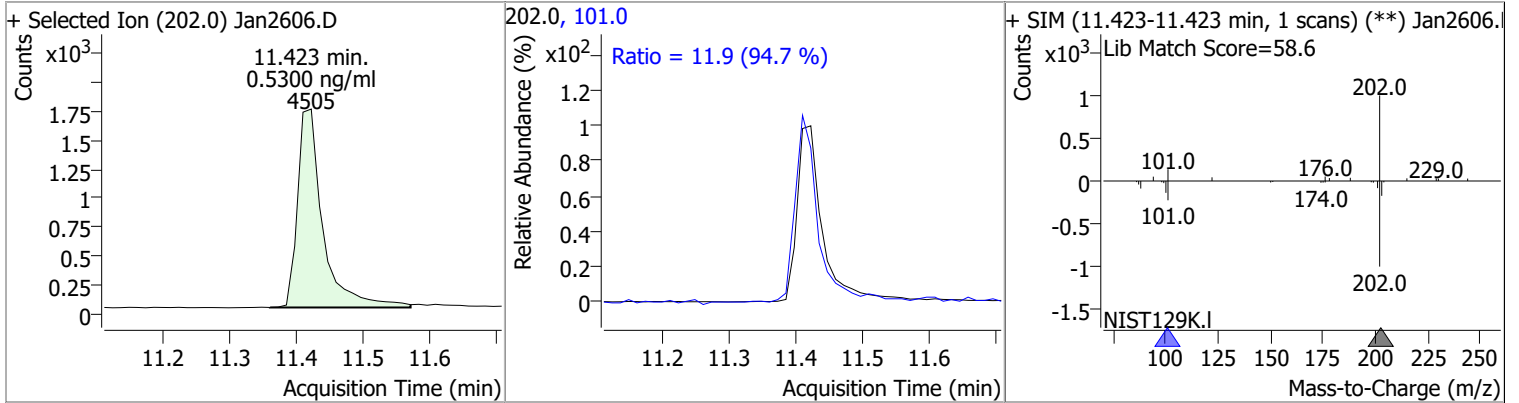


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.5232	10.30	0.00	2213	229.0	70.7	47.1	87.5
					215.0	40.2	31.1	57.7

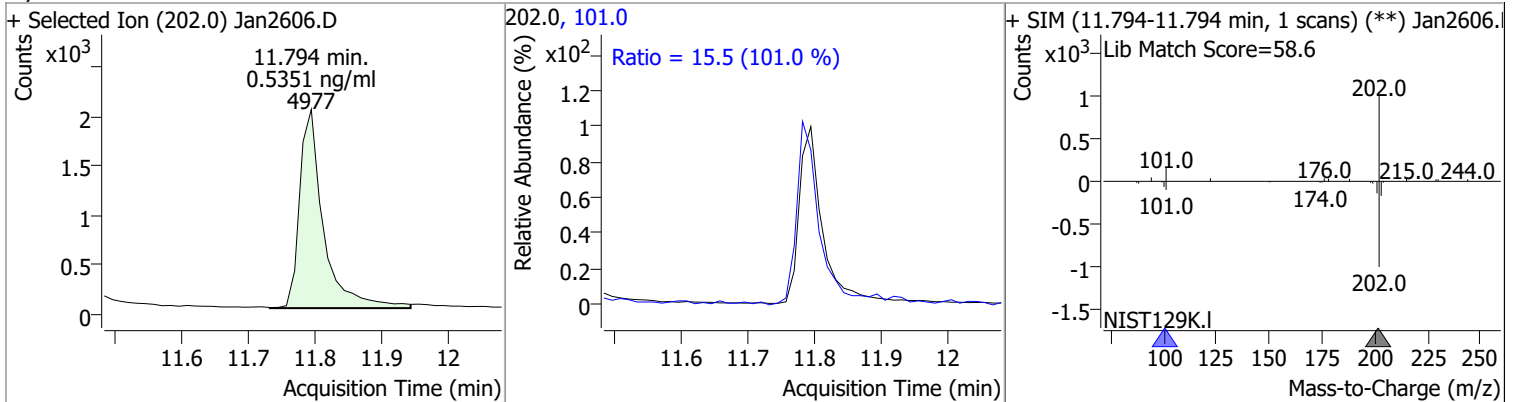


# Quantitation Results Report (QT Reviewed)

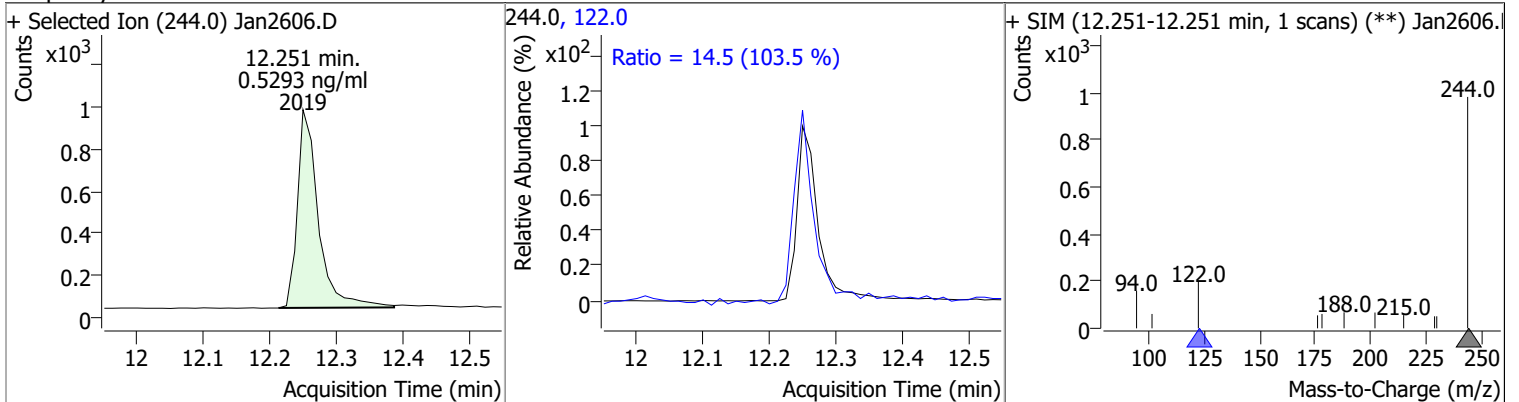
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	0.5300	11.42	0.01	4505	101.0	11.9	8.8	16.3



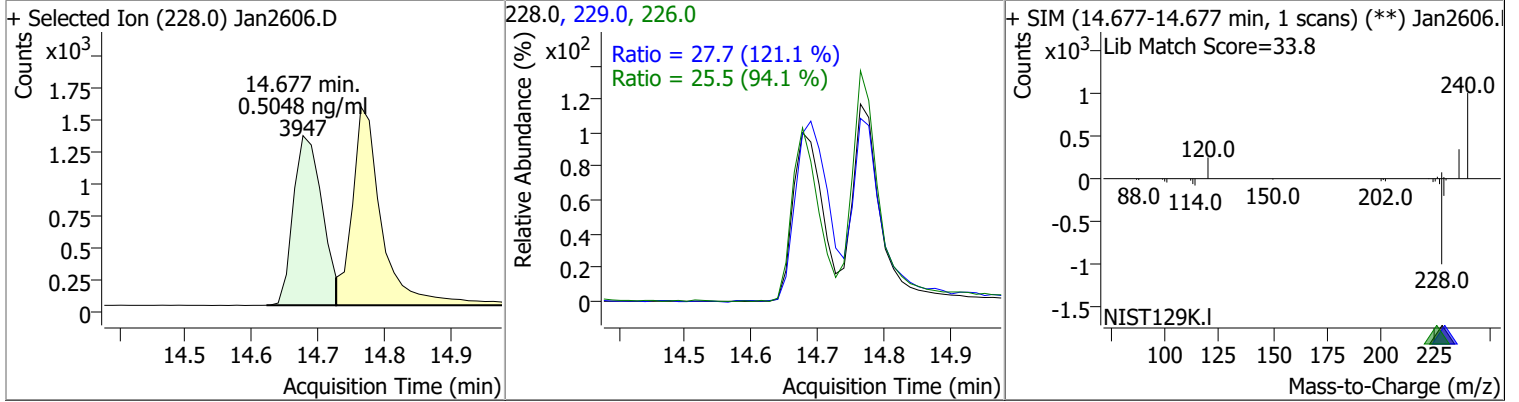
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	0.5351	11.79	0.01	4977	101.0	15.5	10.8	20.0



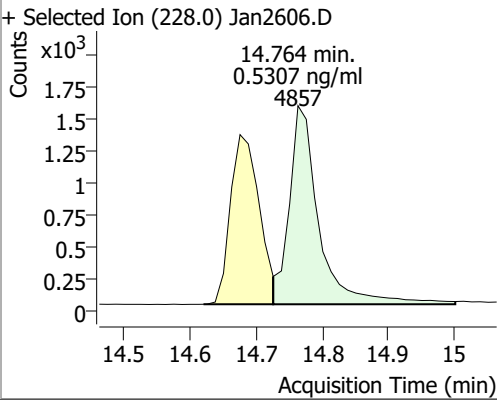
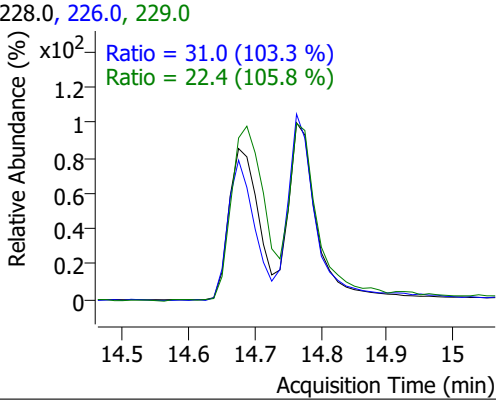
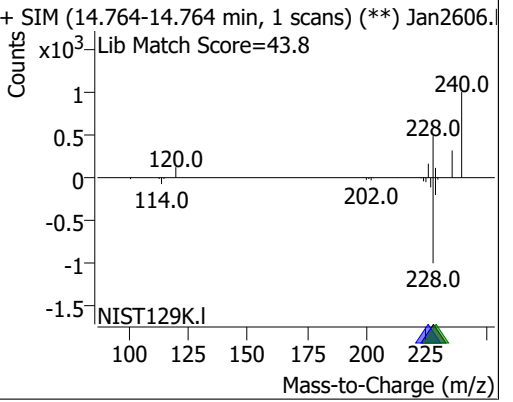
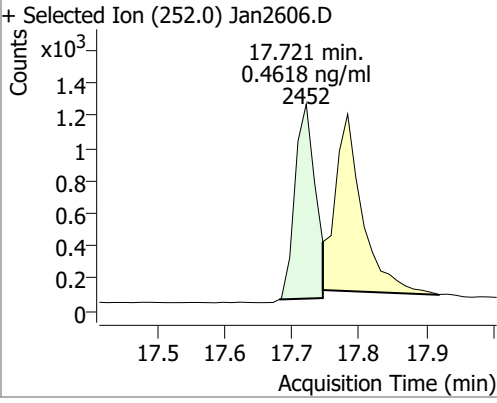
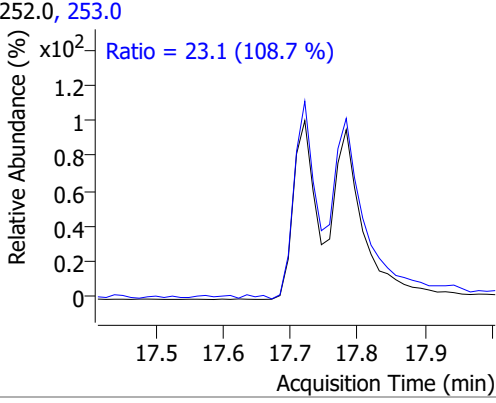
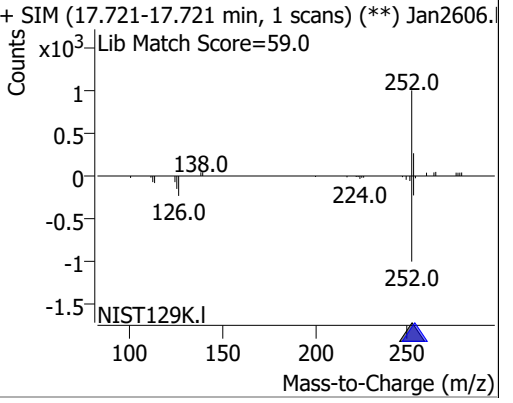
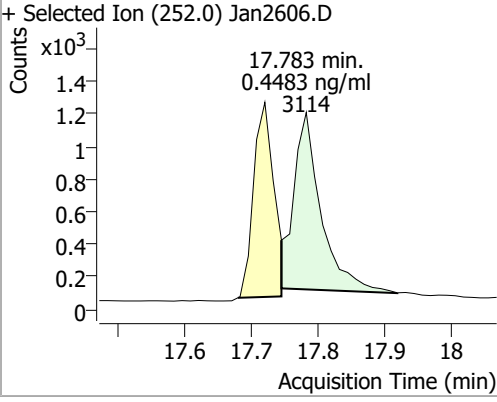
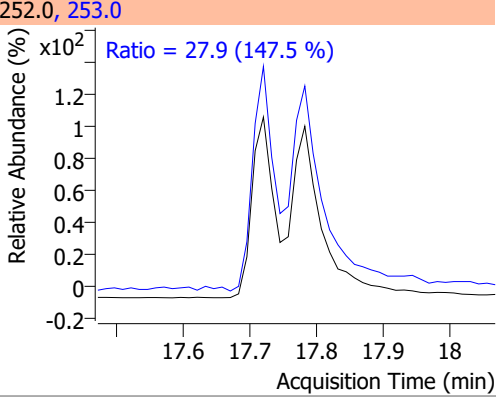
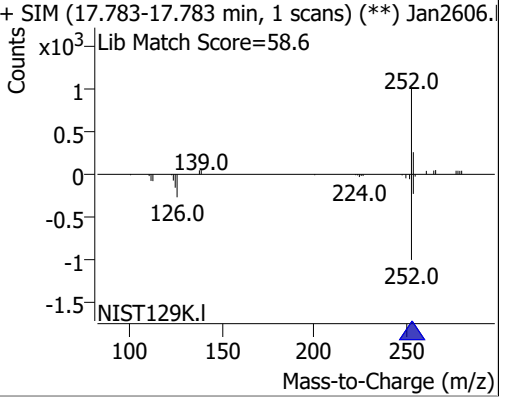
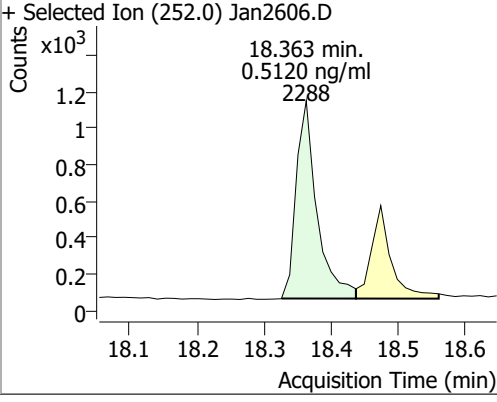
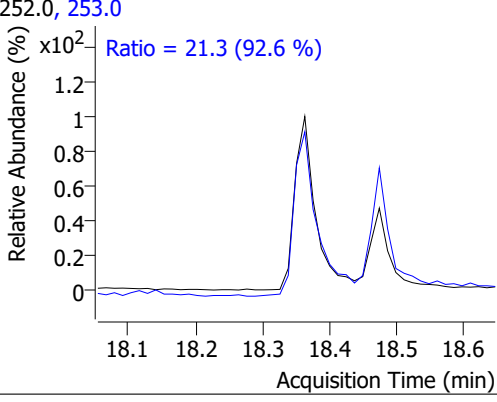
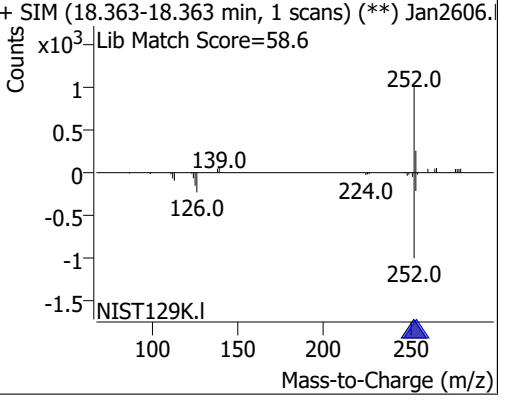
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	0.5293	12.25	0.00	2019	122.0	14.5	9.8	18.2



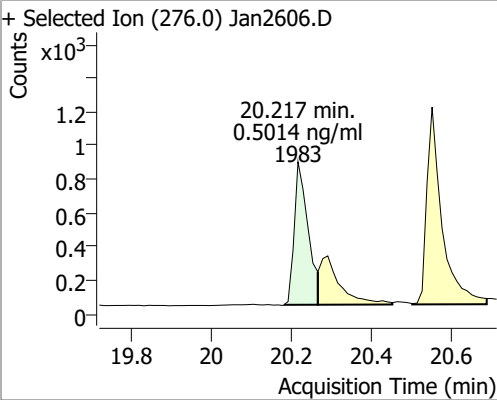
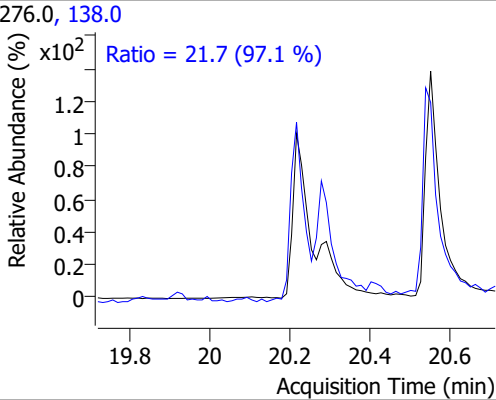
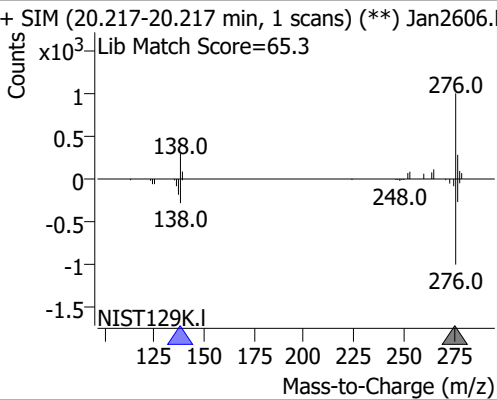
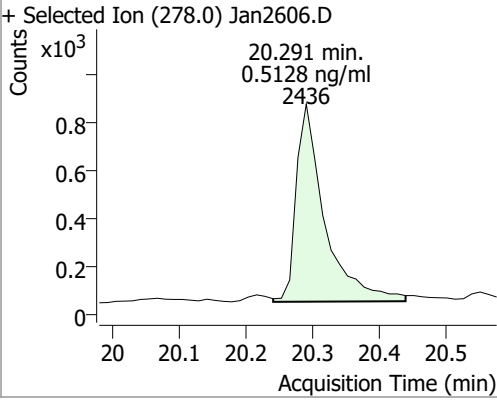
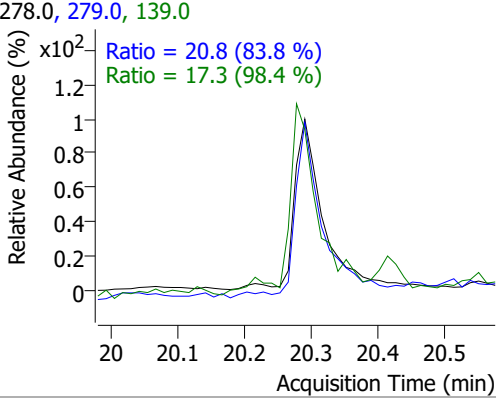
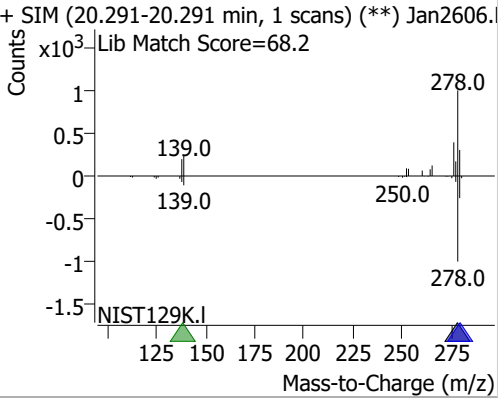
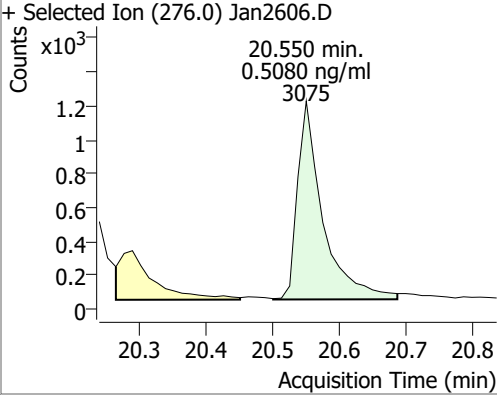
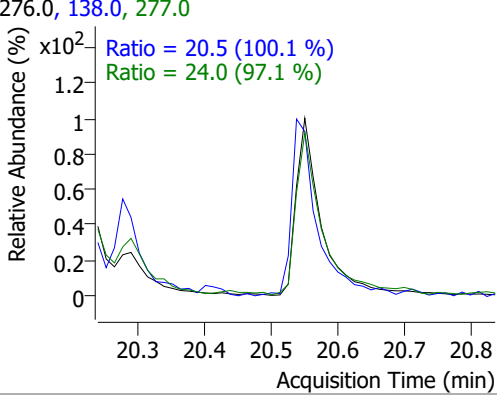
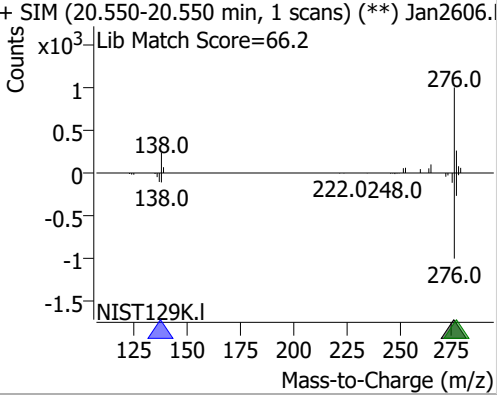
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	0.5048	14.68	0.00	3947	226.0 229.0	25.5 27.7	19.0 16.0	35.2 29.7



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0.5307	14.76	0.00	4857	226.0 229.0	31.0 22.4	21.0 14.8	39.1 27.6
+ Selected Ion (228.0) Jan2606.D 			228.0, 226.0, 229.0 			+ SIM (14.764-14.764 min, 1 scans) (**) Jan2606. Lib Match Score=43.8 		
Benzo(b)fluoranthene	0.4618	17.72	0.01	2452	253.0	23.1	14.9	27.7
+ Selected Ion (252.0) Jan2606.D 			252.0, 253.0 			+ SIM (17.721-17.721 min, 1 scans) (**) Jan2606. Lib Match Score=59.0 		
Benzo(k)fluoranthene	0.4483	17.78	0.01	3114	253.0	27.9	13.2	24.6
+ Selected Ion (252.0) Jan2606.D 			252.0, 253.0 			+ SIM (17.783-17.783 min, 1 scans) (**) Jan2606. Lib Match Score=58.6 		
Benzo(a)pyrene	0.5120	18.36	0.01	2288	253.0	21.3	16.1	29.9
+ Selected Ion (252.0) Jan2606.D 			252.0, 253.0 			+ SIM (18.363-18.363 min, 1 scans) (**) Jan2606. Lib Match Score=58.6 		

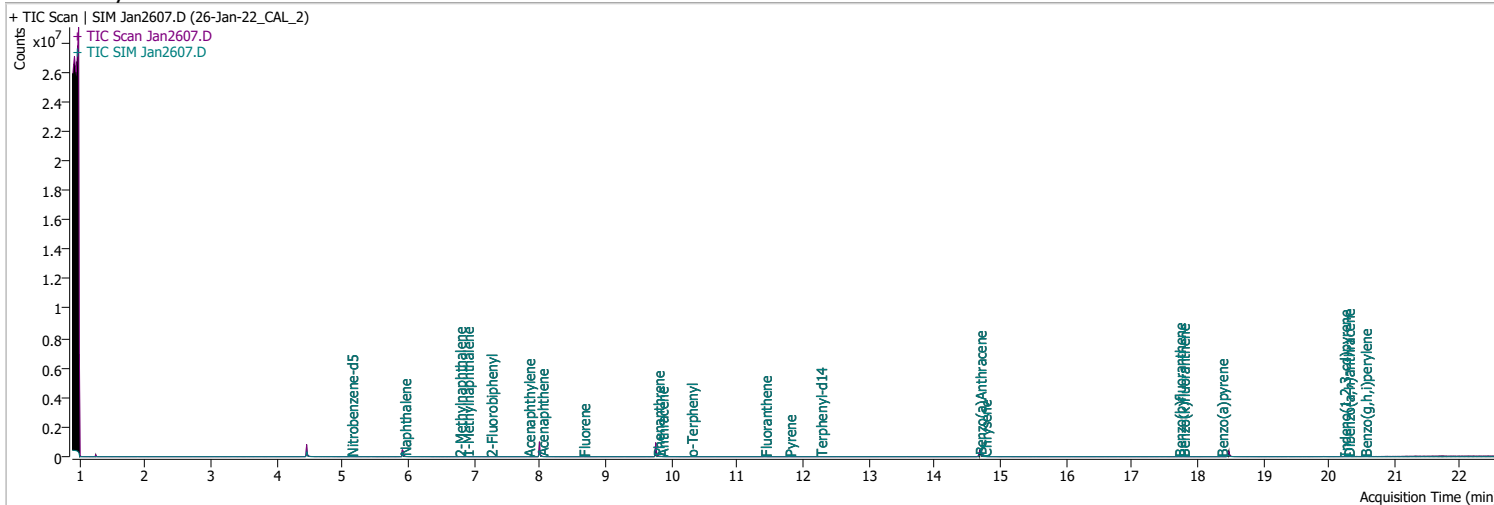
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	0.5014	20.22	0.00	1983	138.0	21.7	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2606.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 21.7 (97.1 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.217-20.217 min, 1 scans) (**) Jan2606.0</p> <p>Lib Match Score=65.3</p>  </div> </div>								
Dibenzo(a,h)anthracene	0.5128	20.29	0.01	2436	279.0	20.8	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2606.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 20.8 (83.8 %)</p> <p>Ratio = 17.3 (98.4 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.291-20.291 min, 1 scans) (**) Jan2606.0</p> <p>Lib Match Score=68.2</p>  </div> </div>								
Benzo(g,h,i)perylene	0.5080	20.55	0.01	3075	277.0	24.0	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2606.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 20.5 (100.1 %)</p> <p>Ratio = 24.0 (97.1 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.550-20.550 min, 1 scans) (**) Jan2606.0</p> <p>Lib Match Score=66.2</p>  </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan2607.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/26/2022 8:00:19 PM
Sample Name	26-Jan-22_CAL_2	Instrument	GCMS
Vial	7	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.460	152.0	106391	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	192032	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	121408	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	263871	40.0000	ng/ml	0.000
M Chrysene-d12	14.702	240.0	212491	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	134184	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.131	82.0	376	0.1975	ng/ml	0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 3.95%	*	
S 2-Fluorobiphenyl	7.252	172.0	1149	0.2041	ng/ml	0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 4.08%	*	
S o-Terphenyl	10.299	230.0	986	0.2079	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 4.16%	*	
S Terphenyl-d14	12.263	244.0	862	0.1837	ng/ml	0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 3.67%	*	
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	1109	0.1915	ng/ml	54
T 2-Methylnaphthalene	6.777	141.0	703	0.2023	ng/ml	m 90
T 1-Methylnaphthalene	6.890	141.0	776	0.2110	ng/ml	m 88
T Acenaphthylene	7.826	152.0	1286	0.1971	ng/ml	96
T Acenaphthene	8.025	154.0	929	0.2102	ng/ml	m 90
T Fluorene	8.661	166.0	1141	0.1974	ng/ml	95
T Phenanthrene	9.793	178.0	1762	0.1950	ng/ml	m 99
T Anthracene	9.854	178.0	1732	0.2140	ng/ml	m 100
T Fluoranthene	11.423	202.0	1927	0.2028	ng/ml	97
T Pyrene	11.794	202.0	1996	0.1858	ng/ml	100
T Benzo(a)Anthracene	14.689	228.0	2303	0.2029	ng/ml	89
T Chrysene	14.764	228.0	2117	0.1950	ng/ml	94
T Benzo(b)fluoranthene	17.721	252.0	1195	0.2124	ng/ml	100

# Quantitation Results Report (QT Reviewed)

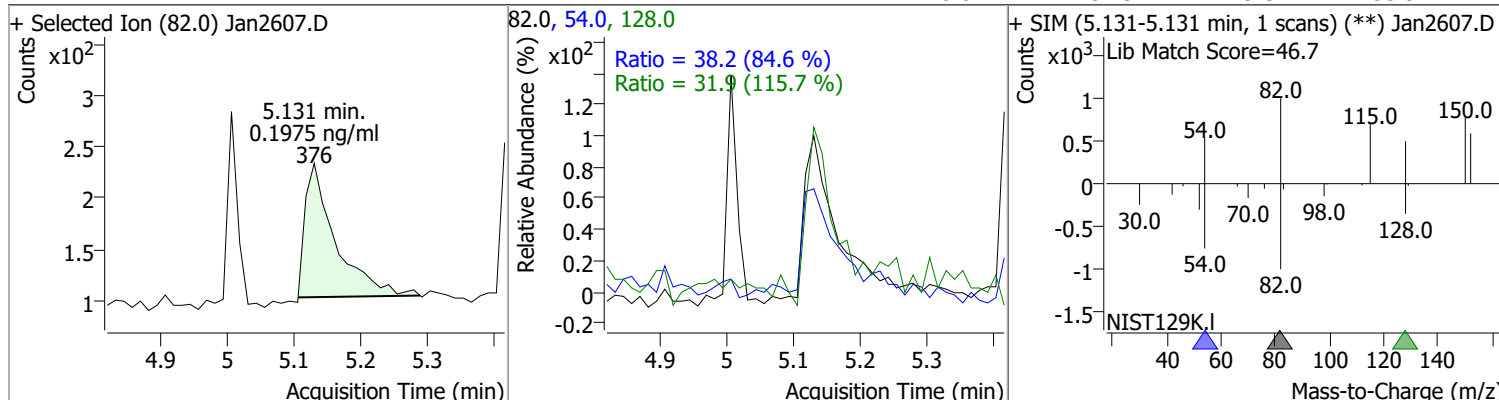
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.783	252.0	1566	0.2019	ng/ml	92
T Benzo(a)pyrene	18.363	252.0	946	0.1952	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.229	276.0	881	0.2069	ng/ml    m	99
T Dibenzo(a,h)anthracene	20.291	278.0	953	0.1771	ng/ml	97
T Benzo(g,h,i)perylene	20.550	276.0	1345	0.2003	ng/ml	97

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

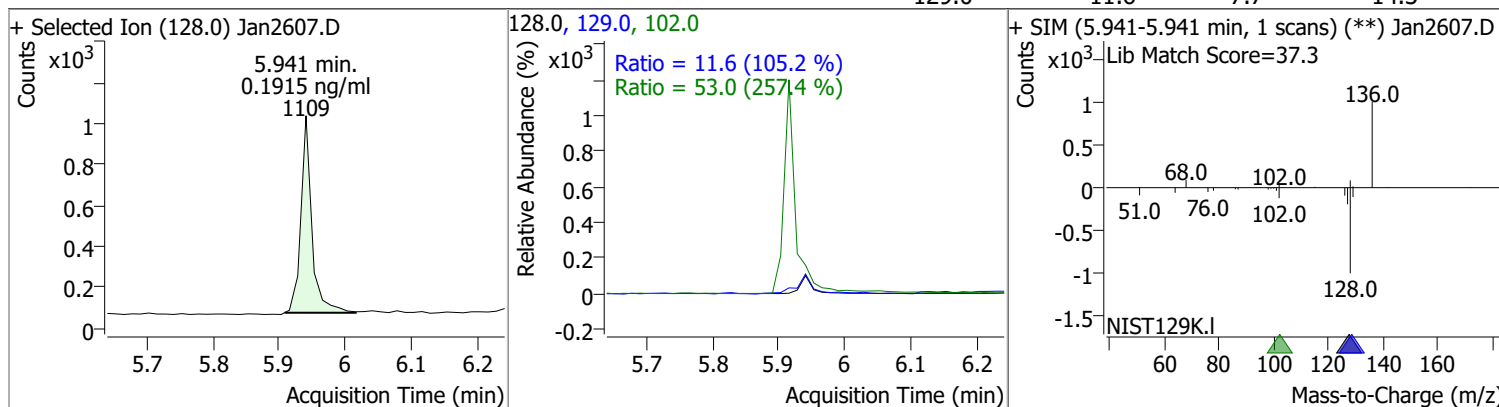


# Quantitation Results Report (QT Reviewed)

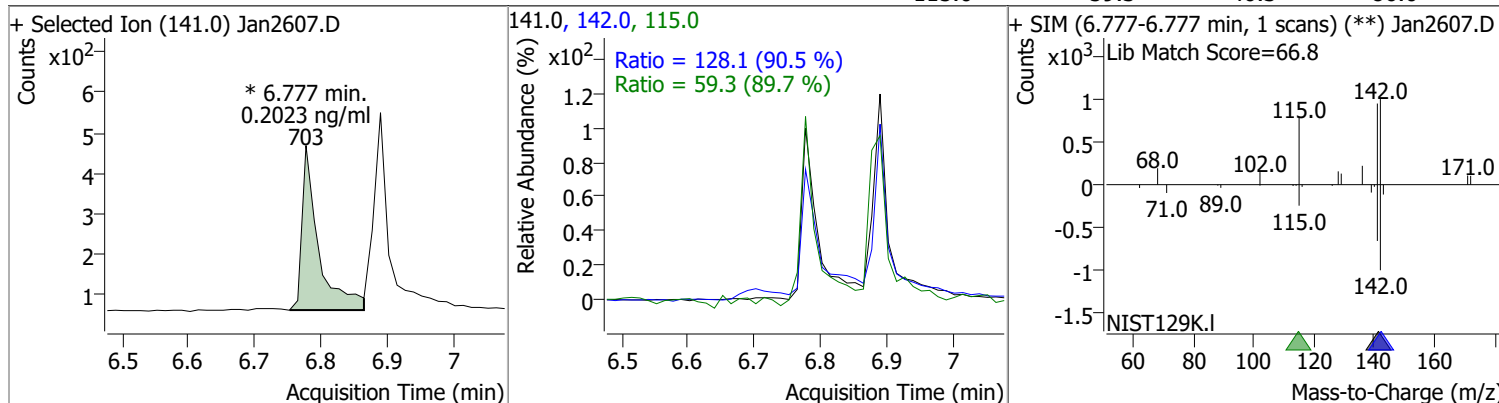
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	0.1975	5.13	0.01	376	54.0	38.2	31.6	58.8
					128.0	31.9	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	0.1915	5.94	0.00	1109	102.0	53.0	0.0	61.8
					129.0	11.6	7.7	14.3

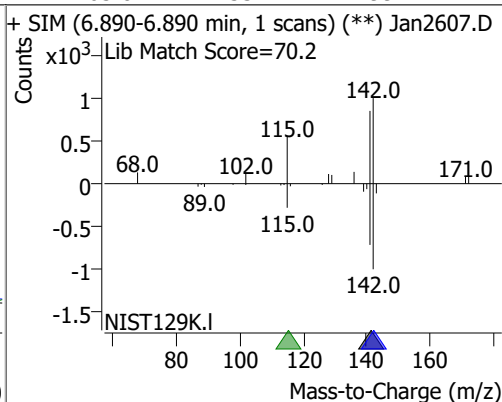
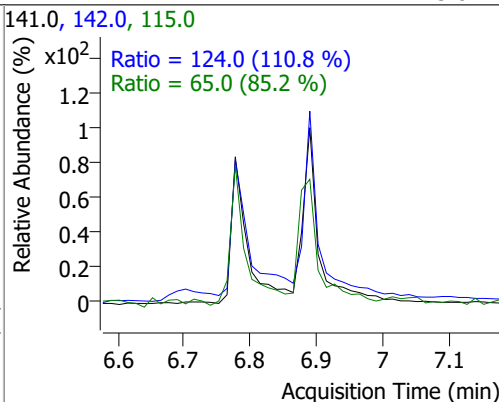
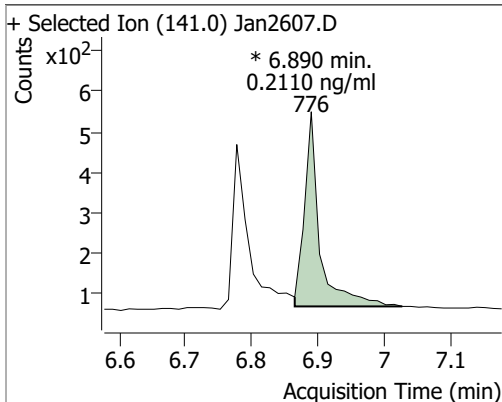


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	0.2023	6.78	0.00	703 (m)	142.0	128.1	99.1	184.0
					115.0	59.3	46.3	86.0

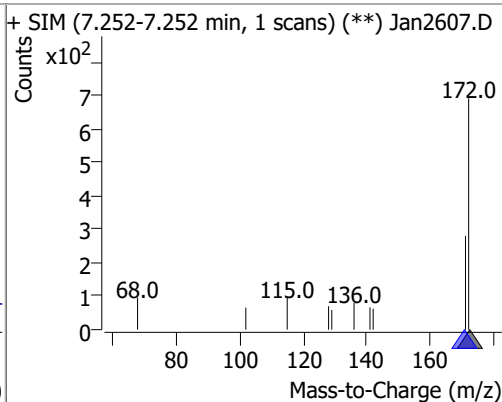
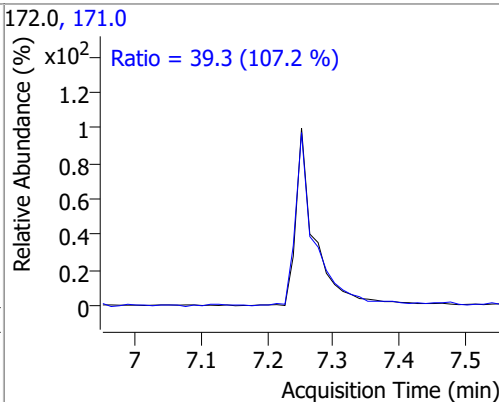
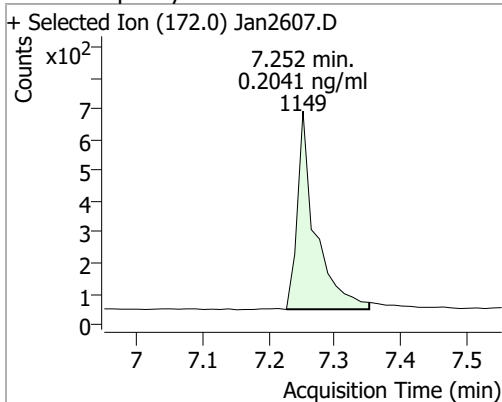


# Quantitation Results Report (QT Reviewed)

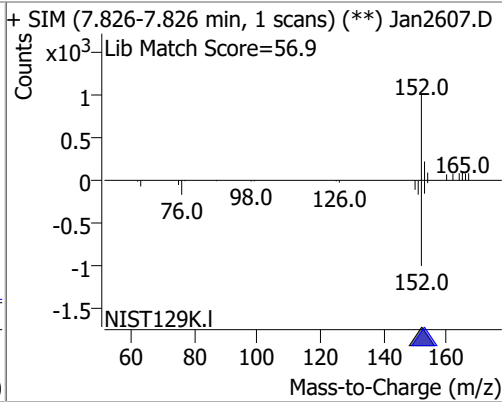
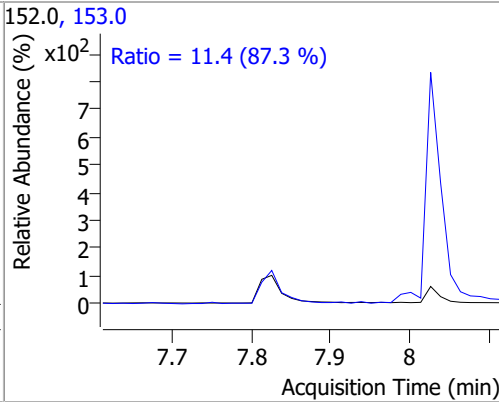
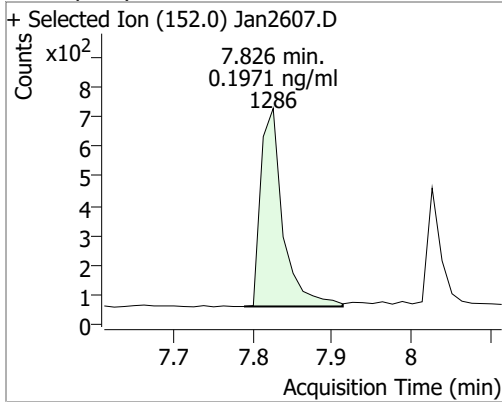
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	0.2110	6.89	0.01	776 (m)	142.0 115.0	124.0 65.0	78.3 53.4	145.5 99.2



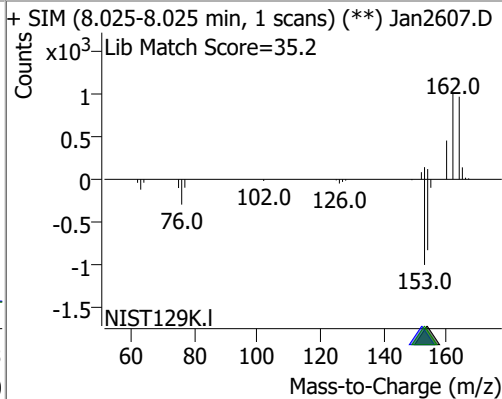
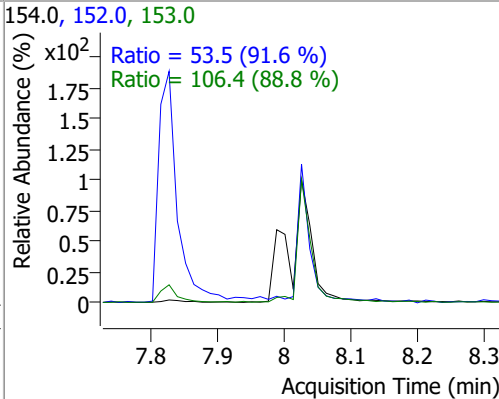
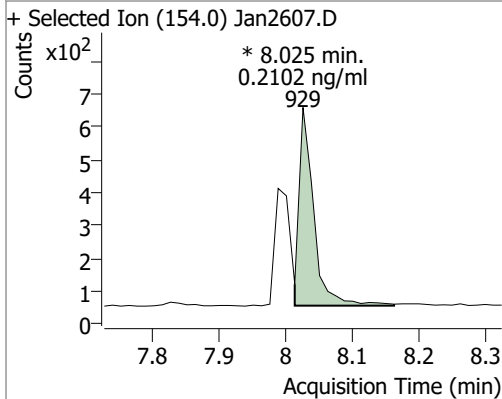
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	0.2041	7.25	0.00	1149	171.0	39.3	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	0.1971	7.83	0.01	1286	153.0	11.4	9.1	17.0

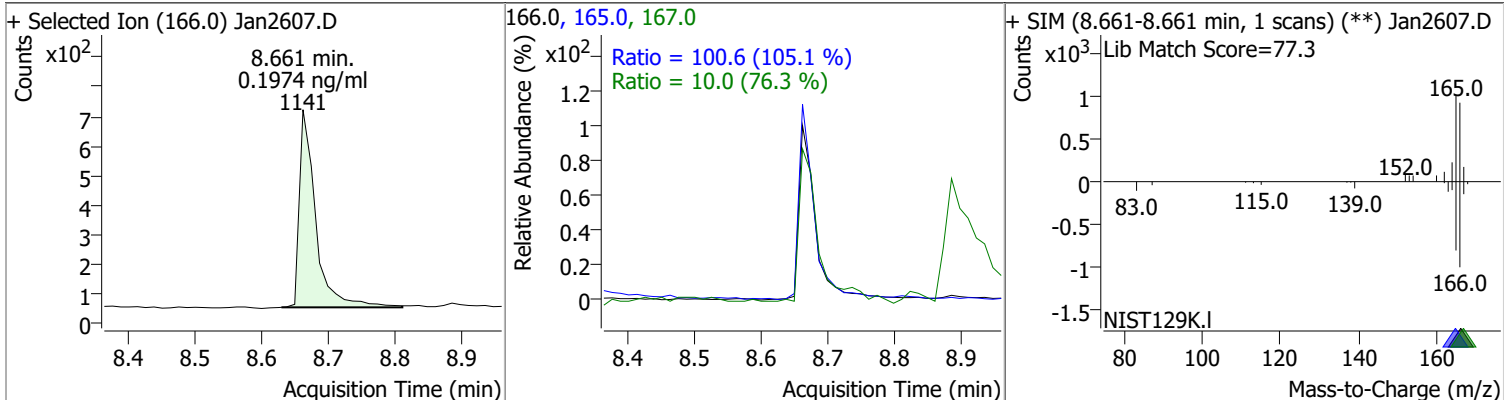


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	0.2102	8.03	0.00	929 (m)	153.0 152.0	106.4 53.5	83.9 40.9	155.8 76.0

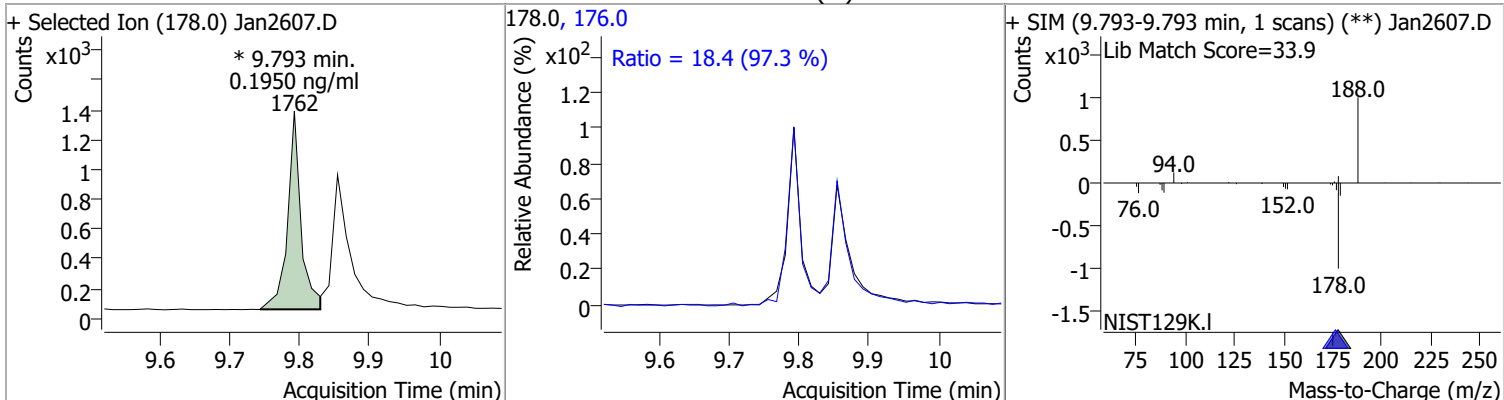


# Quantitation Results Report (QT Reviewed)

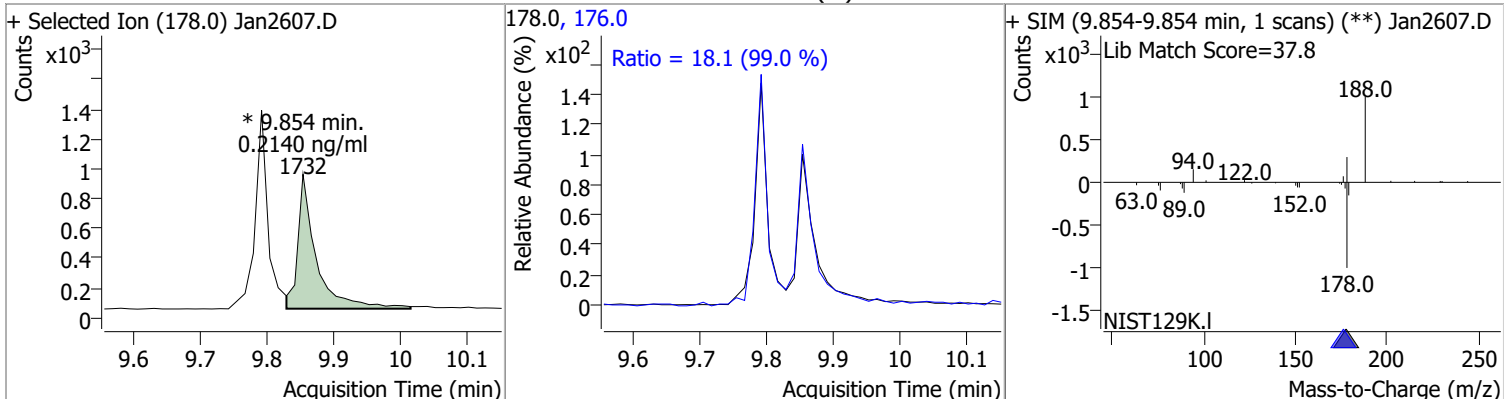
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	0.1974	8.66	0.00	1141	165.0 167.0	100.6 10.0	67.0 9.2	124.5 17.1



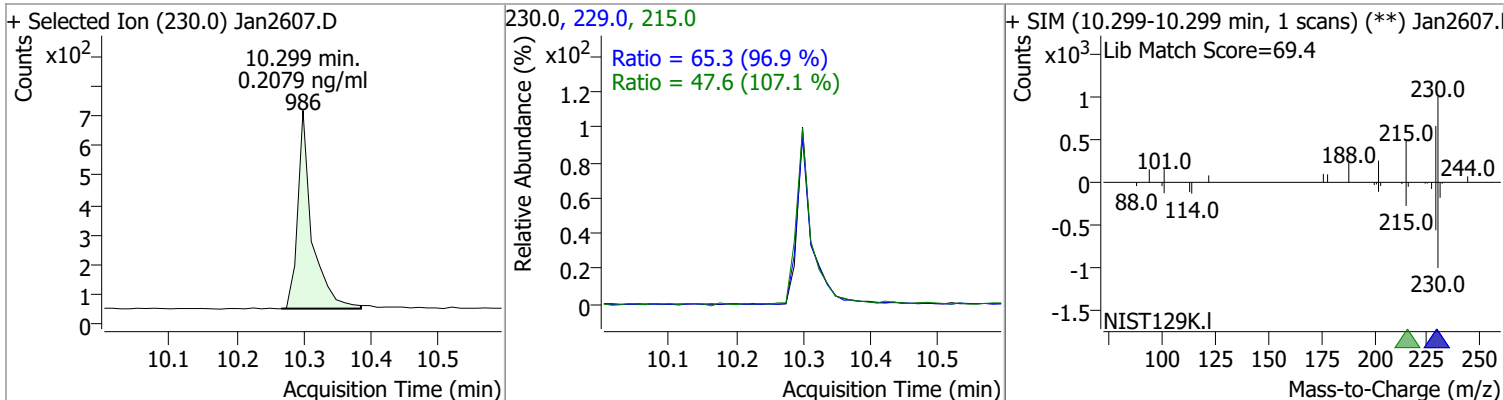
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	0.1950	9.79	0.00	1762 (m)	176.0	18.4	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	0.2140	9.85	0.00	1732 (m)	176.0	18.1	12.8	23.8

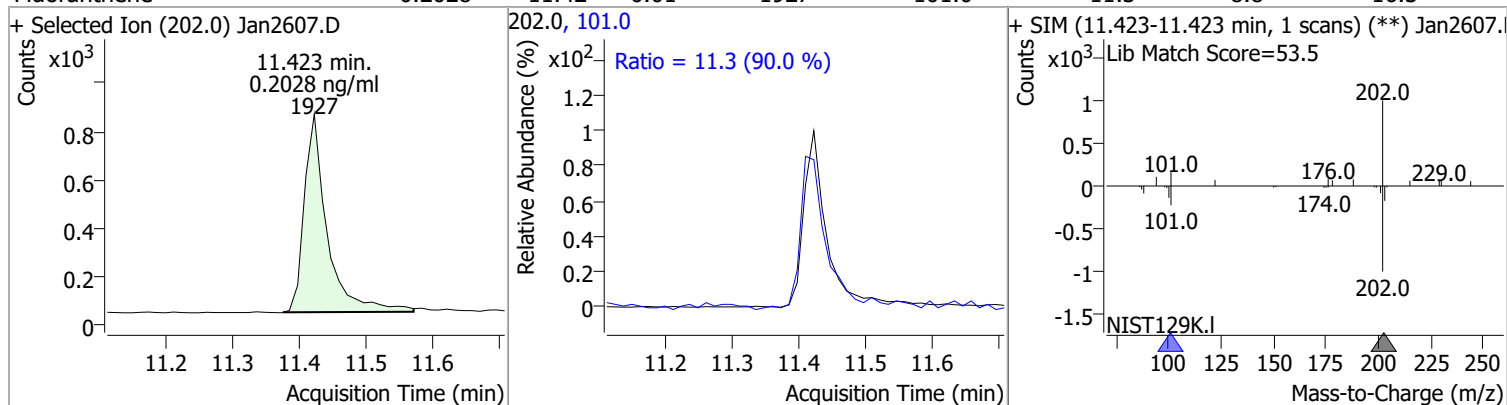


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.2079	10.30	0.00	986	229.0 215.0	65.3 47.6	47.1 31.1	87.5 57.7

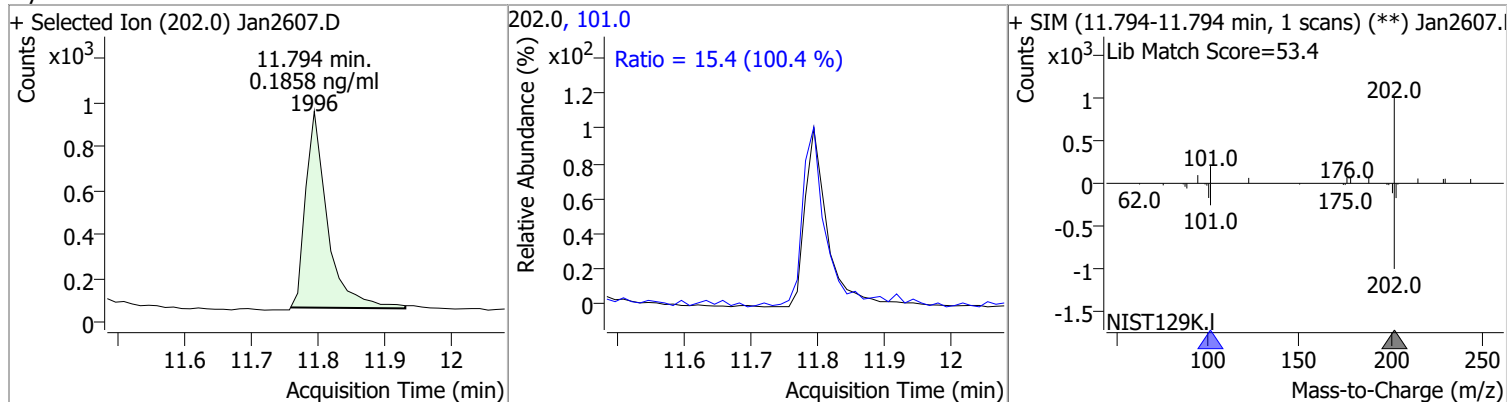


# Quantitation Results Report (QT Reviewed)

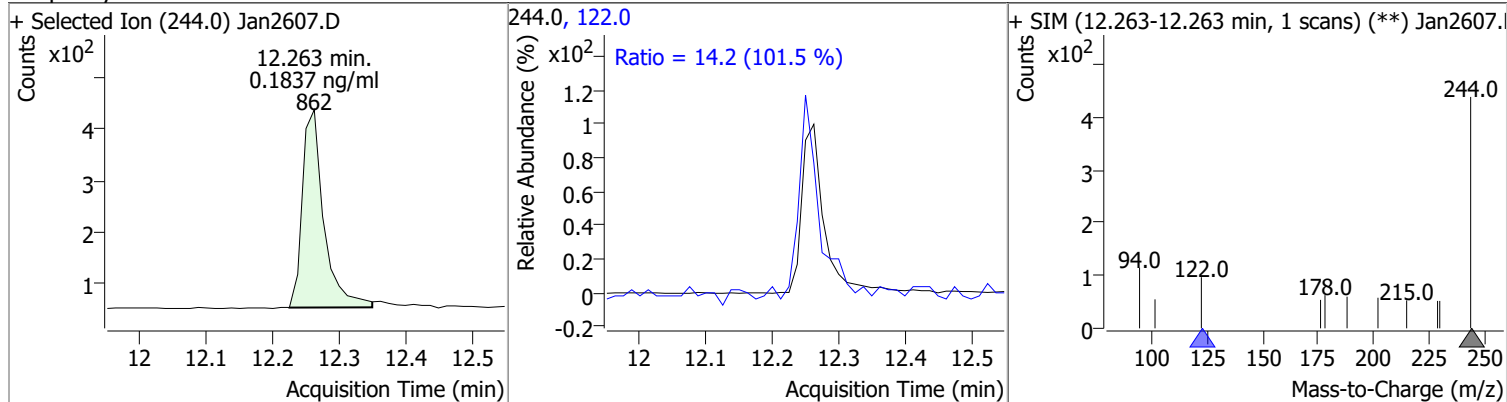
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
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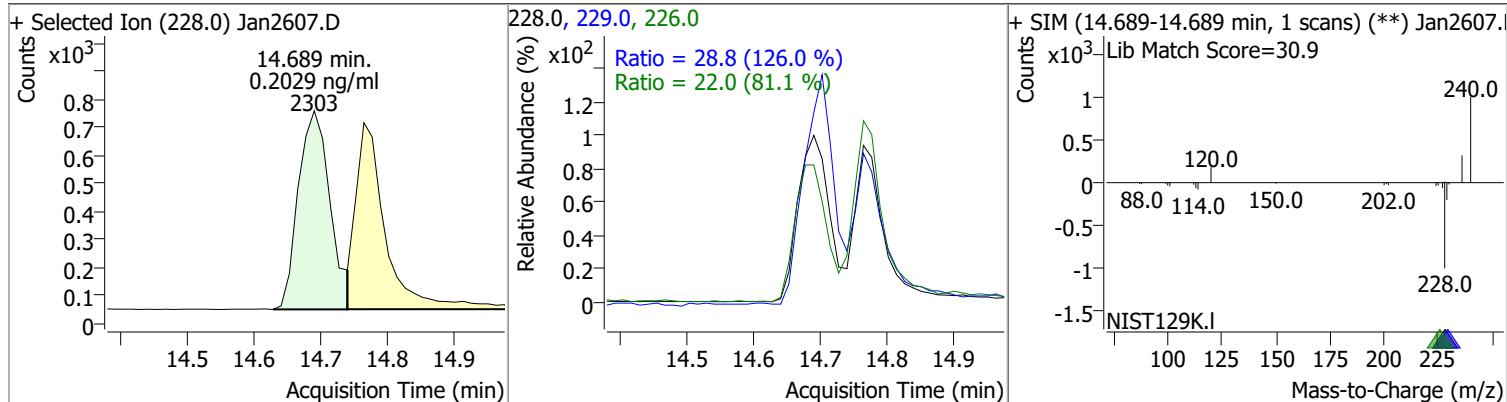
Pyrene	0.1858	11.79	0.01	1996	101.0	15.4	10.8	20.0
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Terphenyl-d14	0.1837	12.26	0.01	862	122.0	14.2	9.8	18.2
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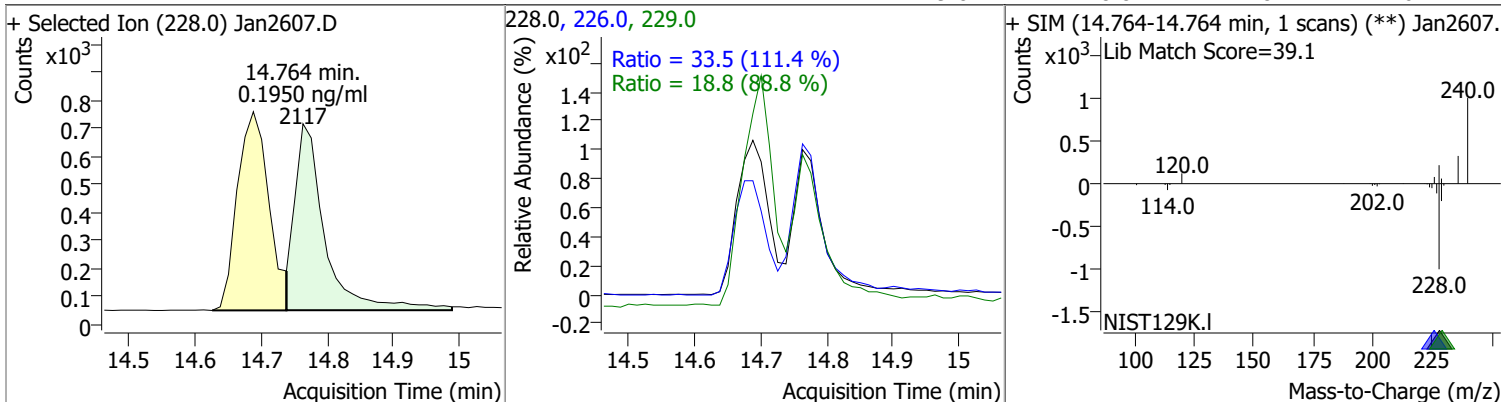


Benzo(a)Anthracene	0.2029	14.69	0.01	2303	226.0	22.0	19.0	35.2
					229.0	28.8	16.0	29.7

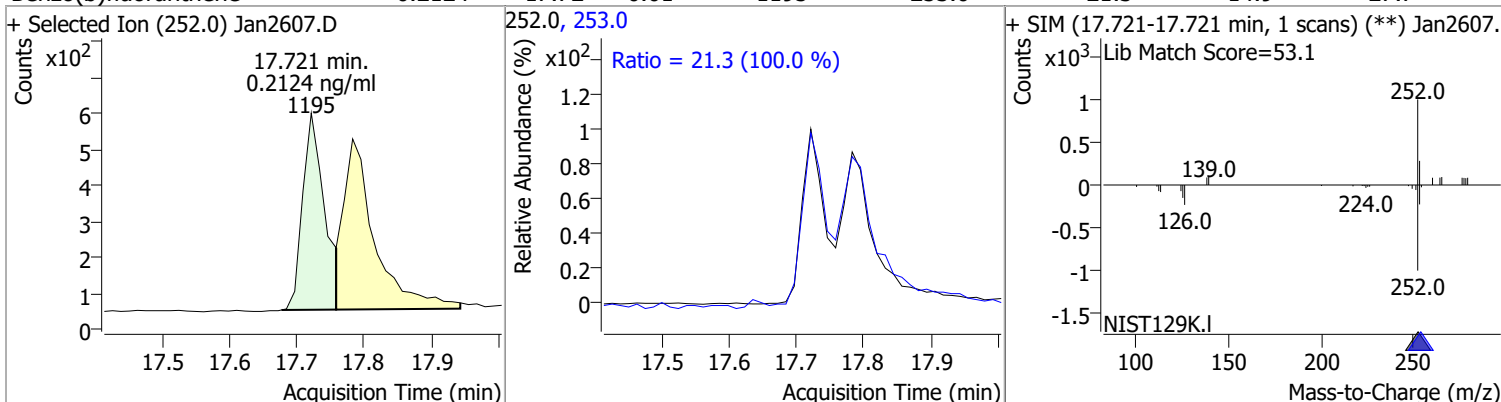


# Quantitation Results Report (QT Reviewed)

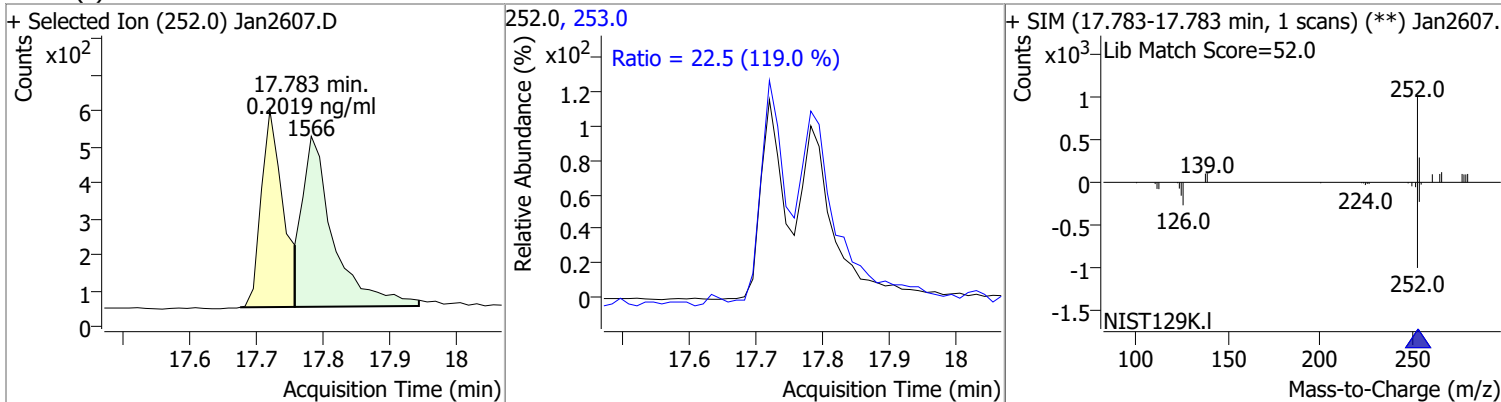
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0.1950	14.76	0.00	2117	226.0	33.5	21.0	39.1
					229.0	18.8	14.8	27.6



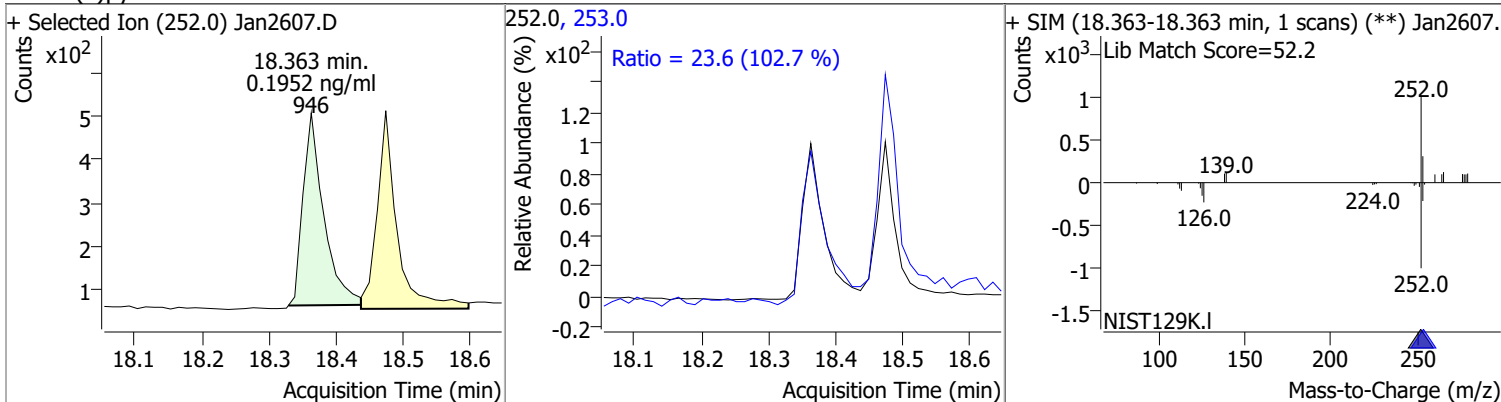
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	0.2124	17.72	0.01	1195	253.0	21.3	14.9	27.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	0.2019	17.78	0.01	1566	253.0	22.5	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	0.1952	18.36	0.01	946	253.0	23.6	16.1	29.9



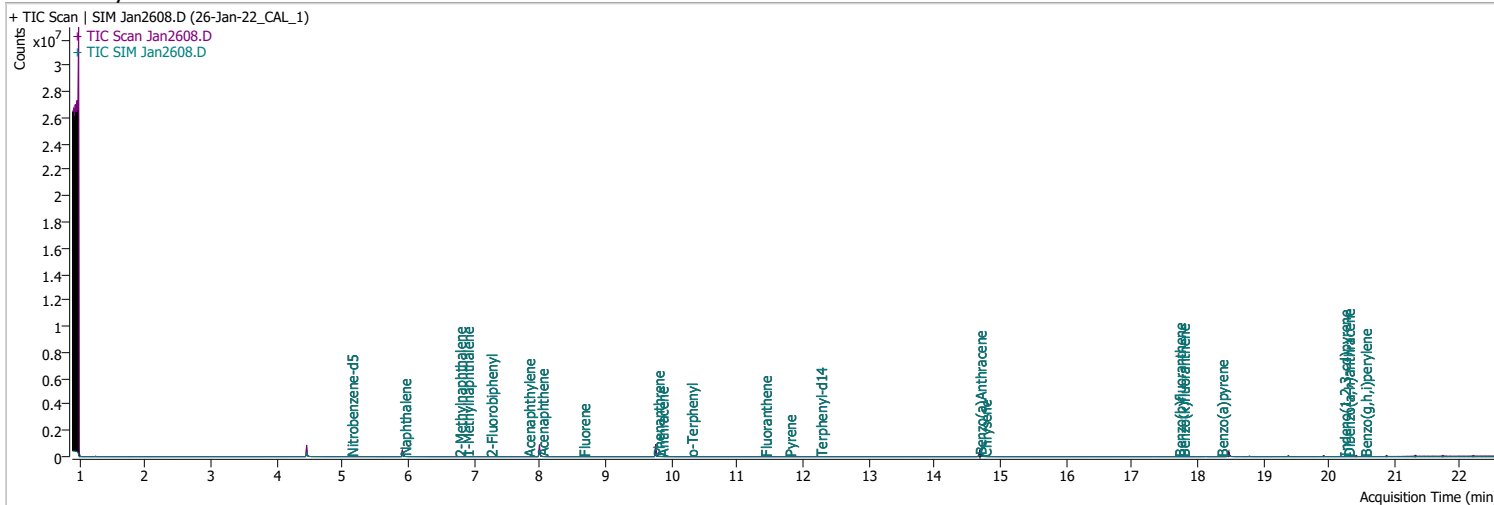
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	0.2069	20.23	0.01	881 (m)	138.0	21.7	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2607.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 21.7 (97.0 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.229-20.229 min, 1 scans) (**) Jan2607.D</p> <p>Lib Match Score=56.9</p> </div> </div>								
Dibenzo(a,h)anthracene	0.1771	20.29	0.01	953	279.0	25.3	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2607.D</p> </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 25.3 (101.8 %)</p> <p>Ratio = 14.8 (84.5 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.291-20.291 min, 1 scans) (**) Jan2607.D</p> <p>Lib Match Score=61.4</p> </div> </div>								
Benzo(g,h,i)perylene	0.2003	20.55	0.01	1345	277.0	22.4	17.3	32.2
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# Quantitation Results Report (QT Reviewed)

Data File	Jan2608.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/26/2022 8:32:51 PM
Sample Name	26-Jan-22_CAL_1	Instrument	GCMS
Vial	8	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.459	152.0	103972	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	196590	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.000	164.0	127169	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	267387	40.0000	ng/ml	0.000
M Chrysene-d12	14.701	240.0	216320	40.0000	ng/ml	0.000
M Perylene-d12	18.474	264.0	138644	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.131	82.0	184	0.1137	ng/ml	# 0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 2.27%		*
S 2-Fluorobiphenyl	7.252	172.0	650	0.0908	ng/ml	0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1.82%		*
S o-Terphenyl	10.299	230.0	535	0.0900	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 1.80%		*
S Terphenyl-d14	12.263	244.0	589	0.0987	ng/ml	0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1.97%		*
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	649	0.0946	ng/ml	# 25
T 2-Methylnaphthalene	6.777	141.0	402	0.0972	ng/ml	m 87
T 1-Methylnaphthalene	6.890	141.0	421	0.0875	ng/ml	m 90
T Acenaphthylene	7.826	152.0	767	0.0919	ng/ml	96
T Acenaphthene	8.025	154.0	560	0.0971	ng/ml	m 84
T Fluorene	8.661	166.0	693	0.0950	ng/ml	# 98
T Phenanthrene	9.793	178.0	1114	0.0940	ng/ml	m 96
T Anthracene	9.854	178.0	973	0.0979	ng/ml	m 99
T Fluoranthene	11.423	202.0	1071	0.0922	ng/ml	100
T Pyrene	11.794	202.0	1244	0.0950	ng/ml	94
T Benzo(a)Anthracene	14.689	228.0	1739	0.0933	ng/ml	# 83
T Chrysene	14.764	228.0	1322	0.0951	ng/ml	94
T Benzo(b)fluoranthene	17.721	252.0	673	0.1006	ng/ml	96

# Quantitation Results Report (QT Reviewed)

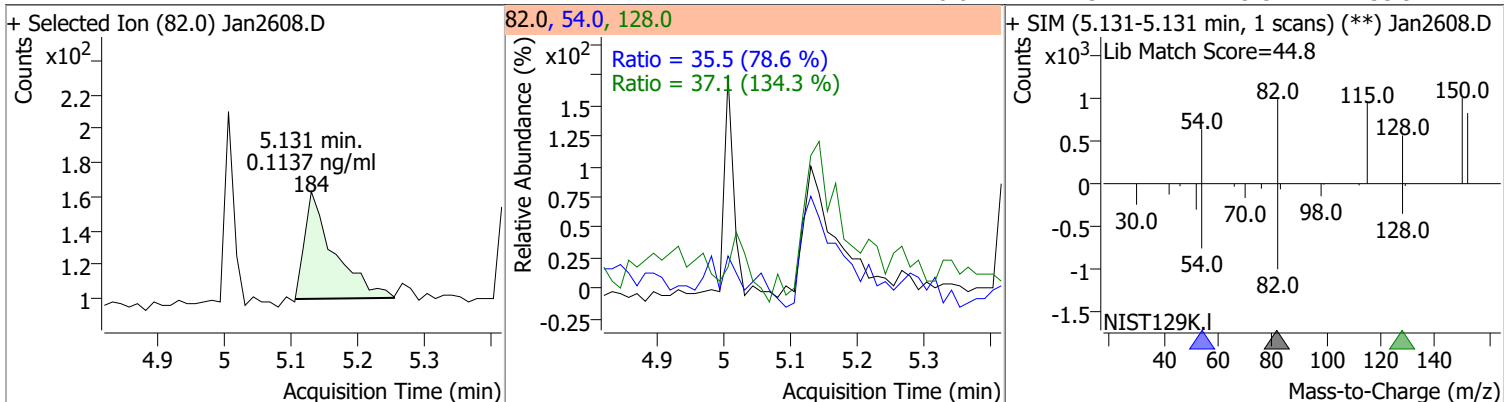
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.783	252.0	988	0.1018	ng/ml	91
T Benzo(a)pyrene	18.363	252.0	556	0.0955	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.229	276.0	495	0.0958	ng/ml    m	96
T Dibenzo(a,h)anthracene	20.291	278.0	673	0.1071	ng/ml	91
T Benzo(g,h,i)perylene	20.550	276.0	801	0.0961	ng/ml	96

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

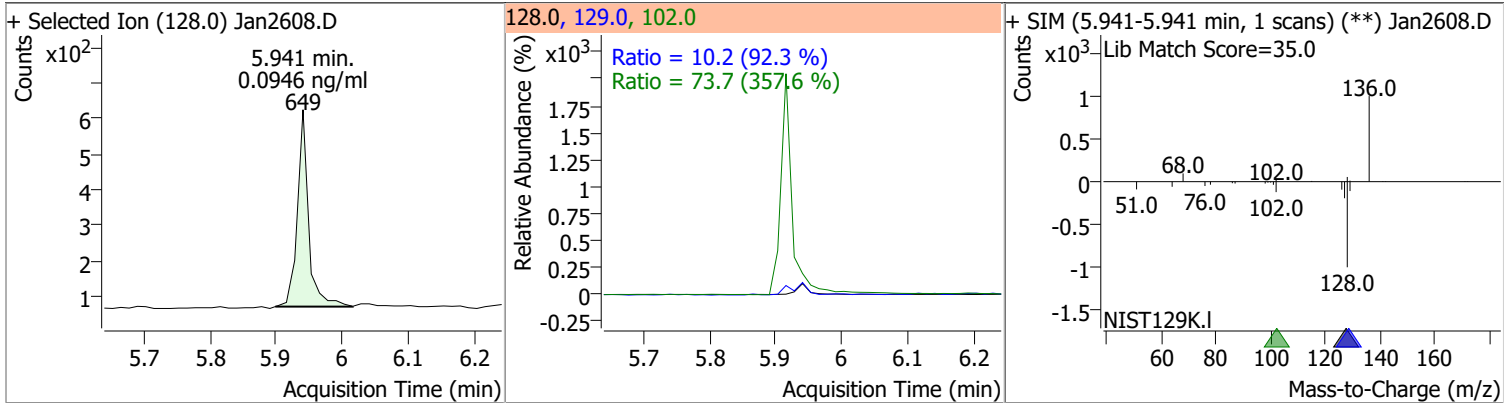


# Quantitation Results Report (QT Reviewed)

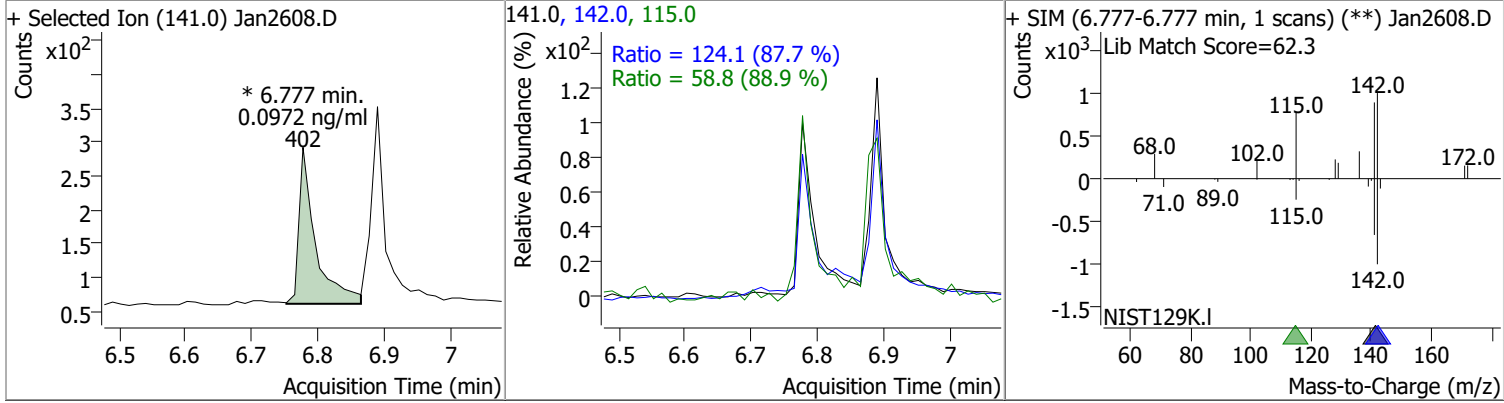
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	0.1137	5.13	0.01	184	54.0 128.0	35.5 37.1	31.6 19.3	58.8 35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	0.0946	5.94	0.00	649	102.0 129.0	73.7 10.2	0.0 7.7	61.8 14.3

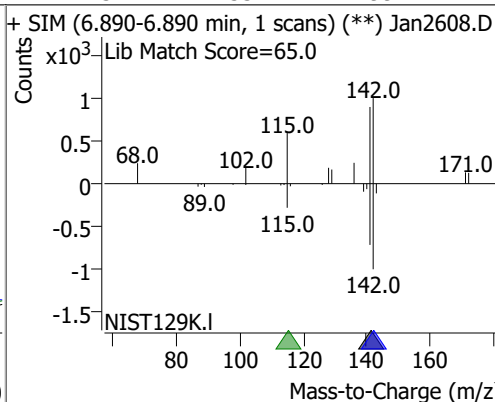
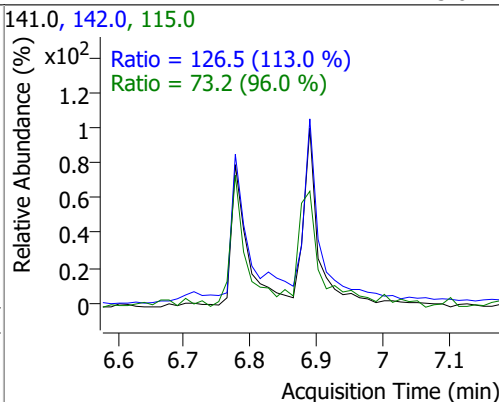
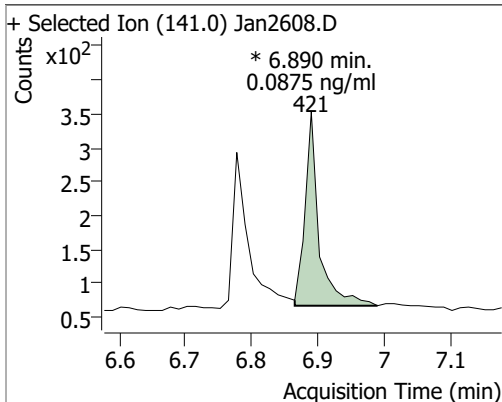


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	0.0972	6.78	0.00	402 (m)	142.0 115.0	124.1 58.8	99.1 46.3	184.0 86.0

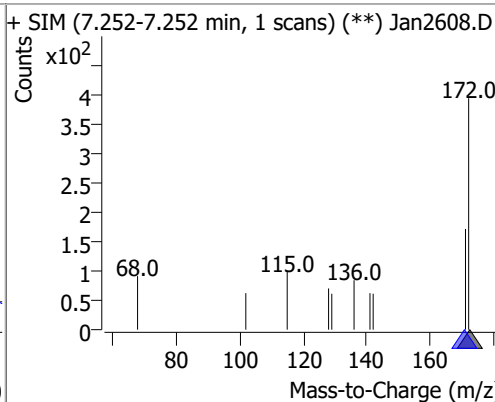
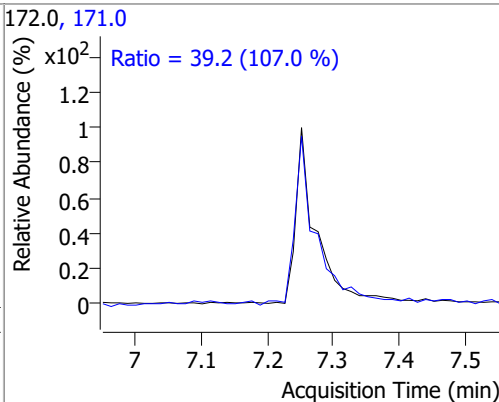
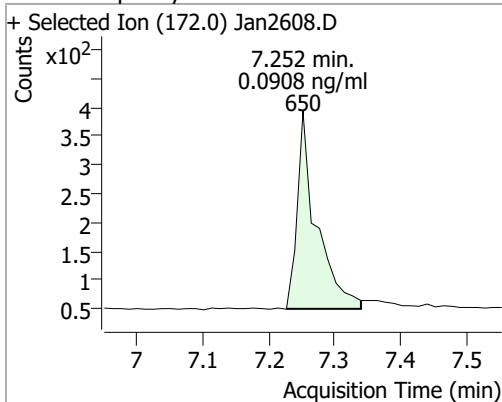


# Quantitation Results Report (QT Reviewed)

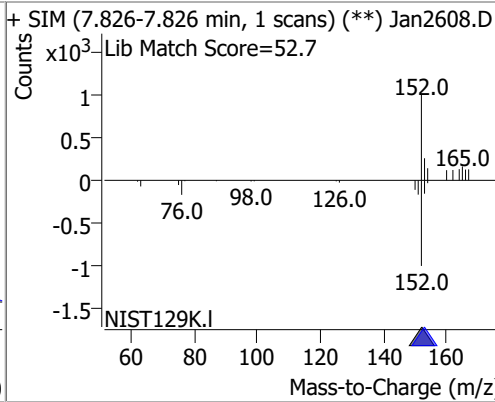
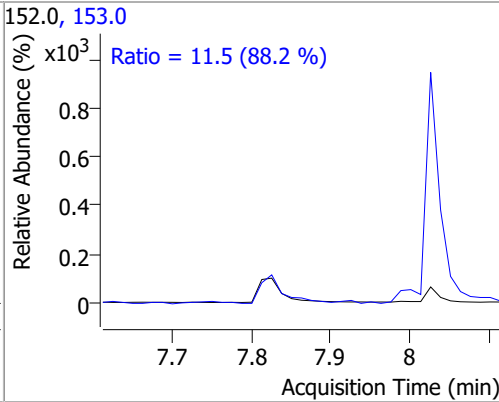
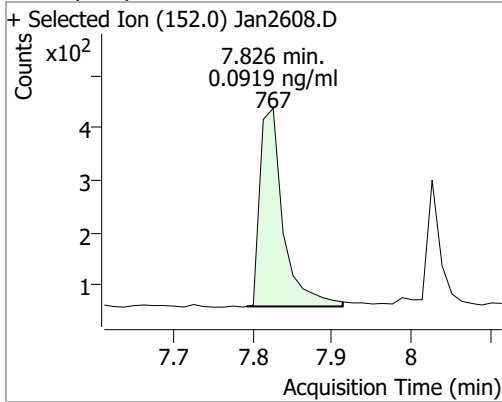
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	0.0875	6.89	0.01	421 (m)	142.0 115.0	126.5 73.2	78.3 53.4	145.5 99.2



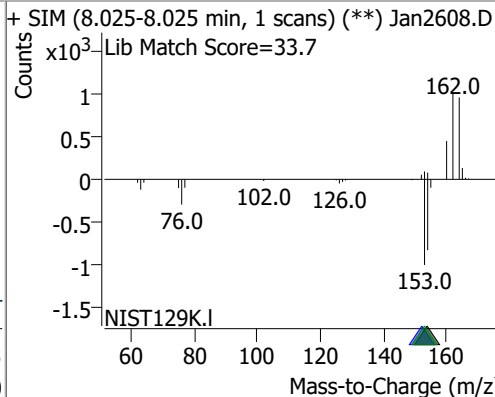
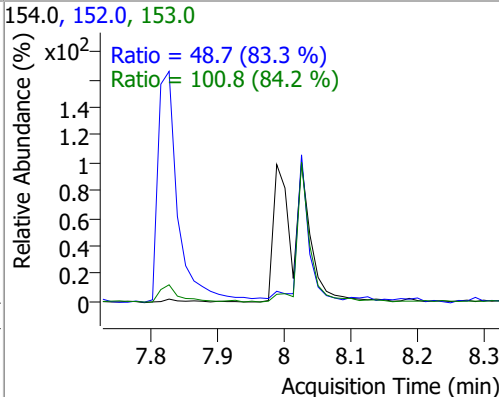
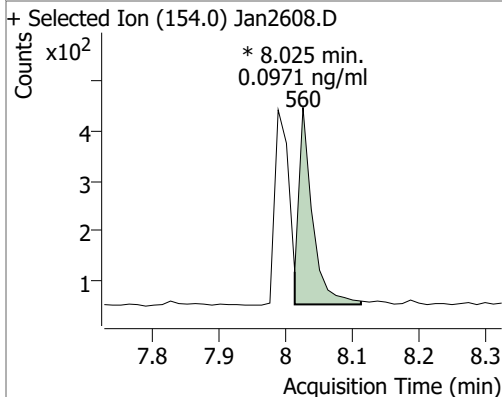
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	0.0908	7.25	0.00	650	171.0	39.2	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	0.0919	7.83	0.01	767	153.0	11.5	9.1	17.0

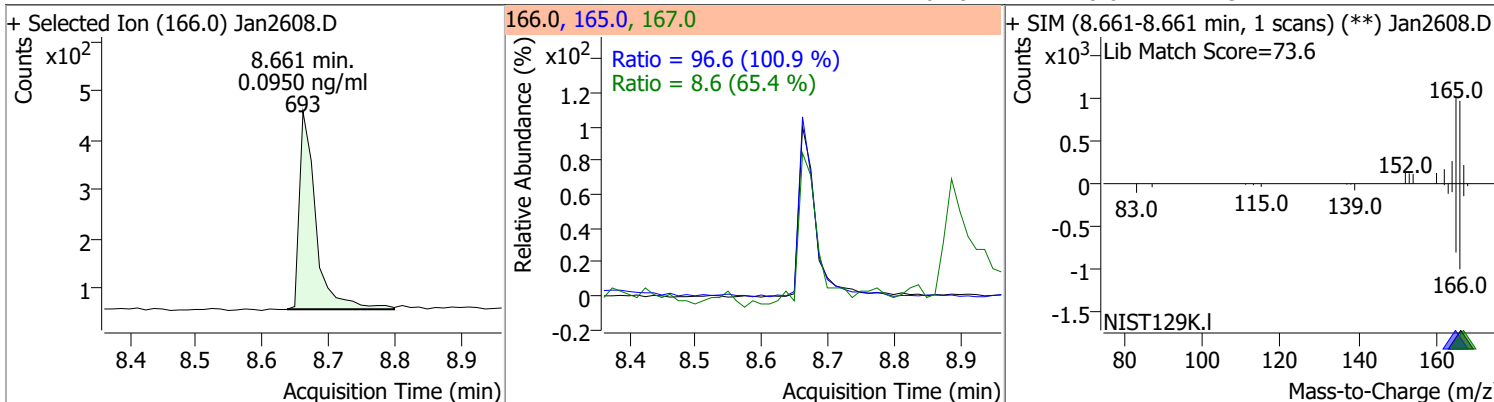


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	0.0971	8.03	0.00	560 (m)	153.0 152.0	100.8 48.7	83.9 40.9	155.8 76.0

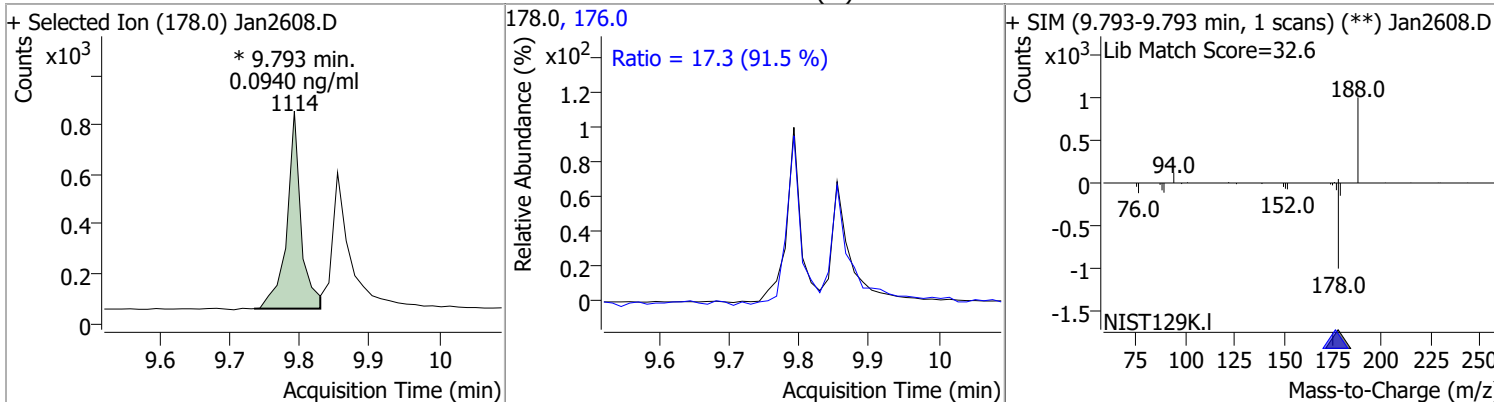


# Quantitation Results Report (QT Reviewed)

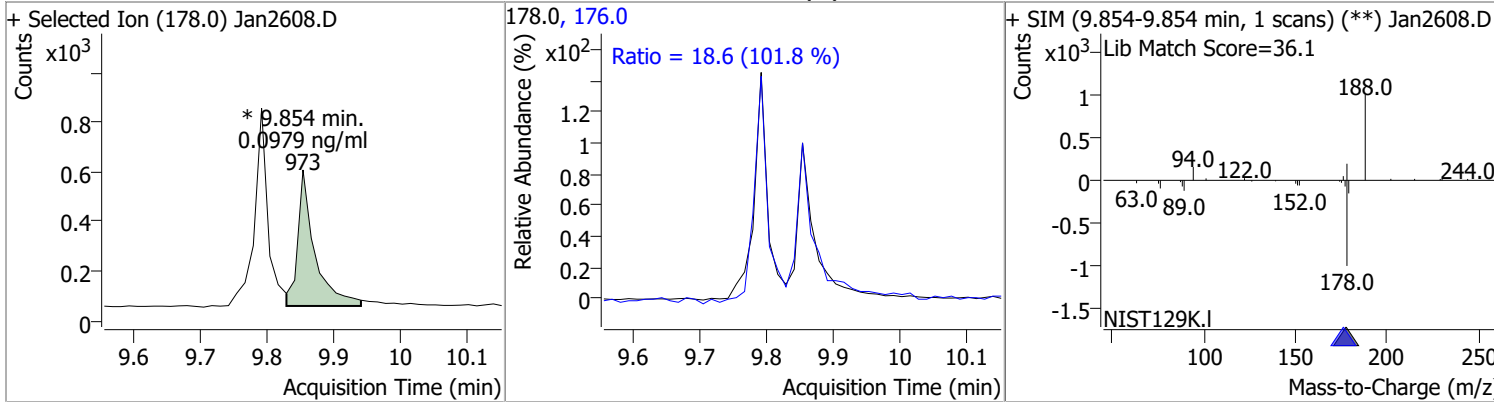
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	0.0950	8.66	0.00	693	165.0	96.6	67.0	124.5
					167.0	8.6	9.2	17.1



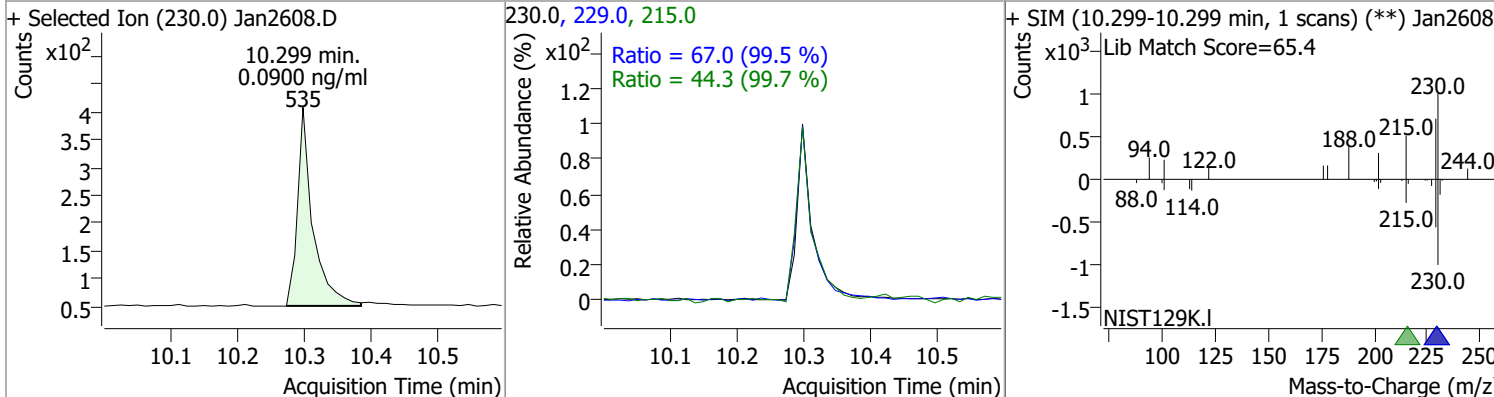
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	0.0940	9.79	0.00	1114 (m)	176.0	17.3	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	0.0979	9.85	0.00	973 (m)	176.0	18.6	12.8	23.8

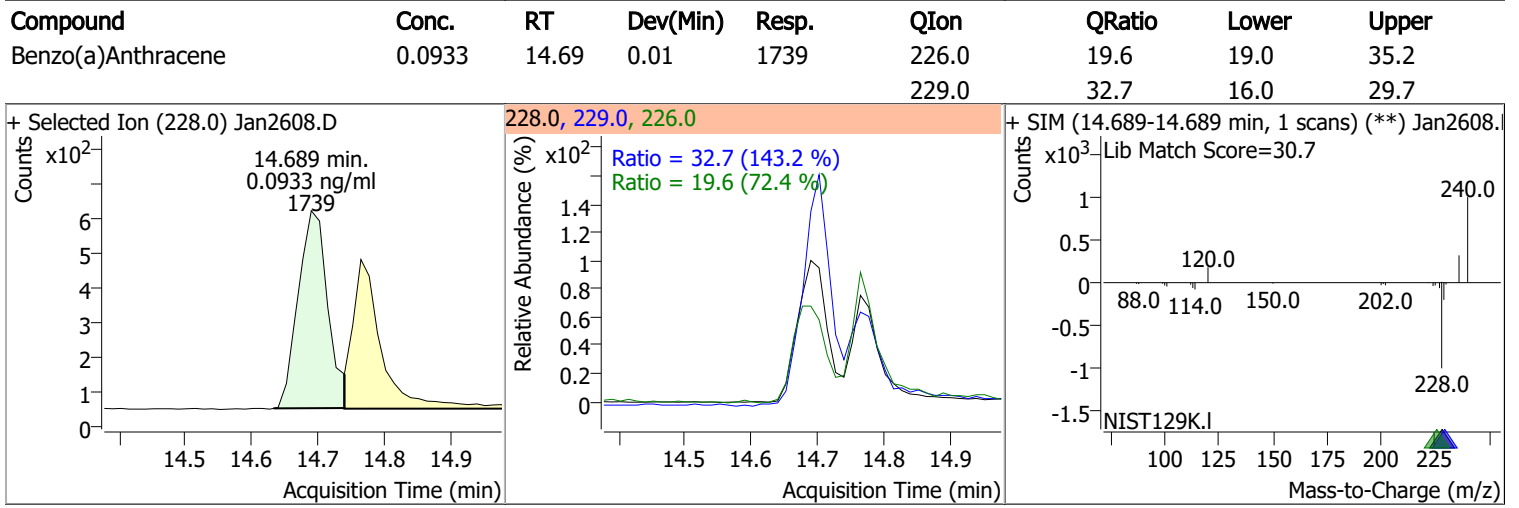
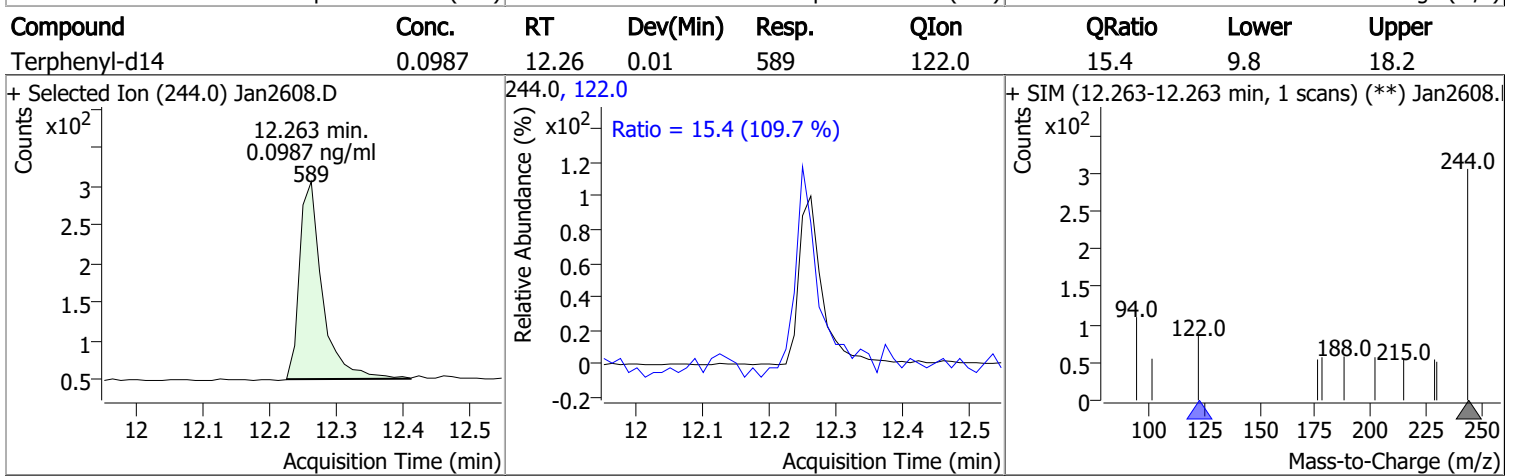
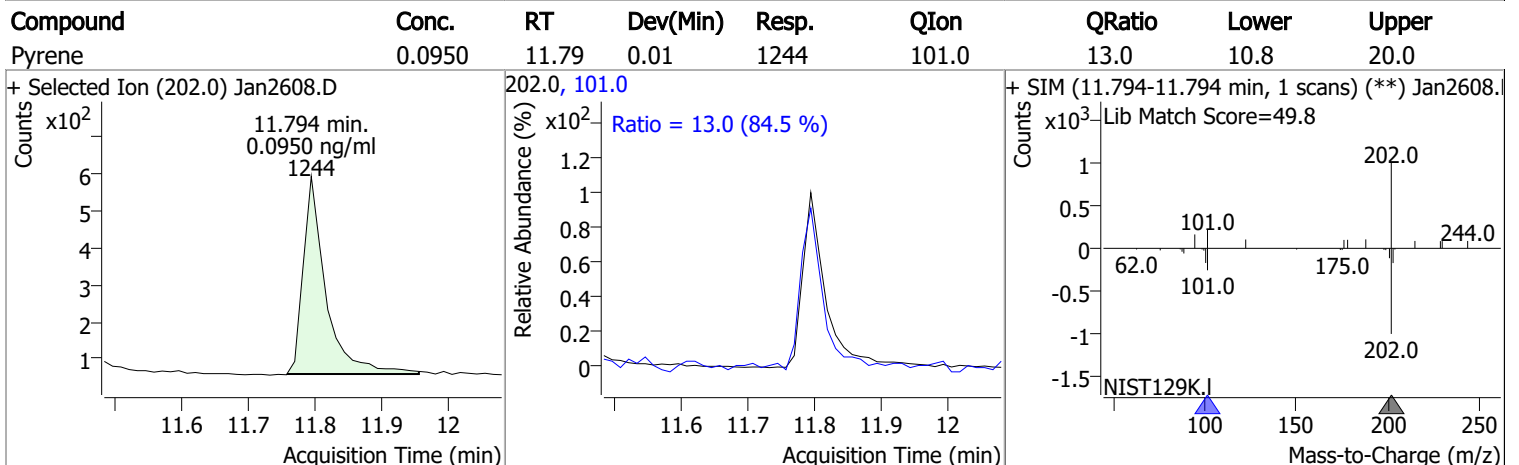
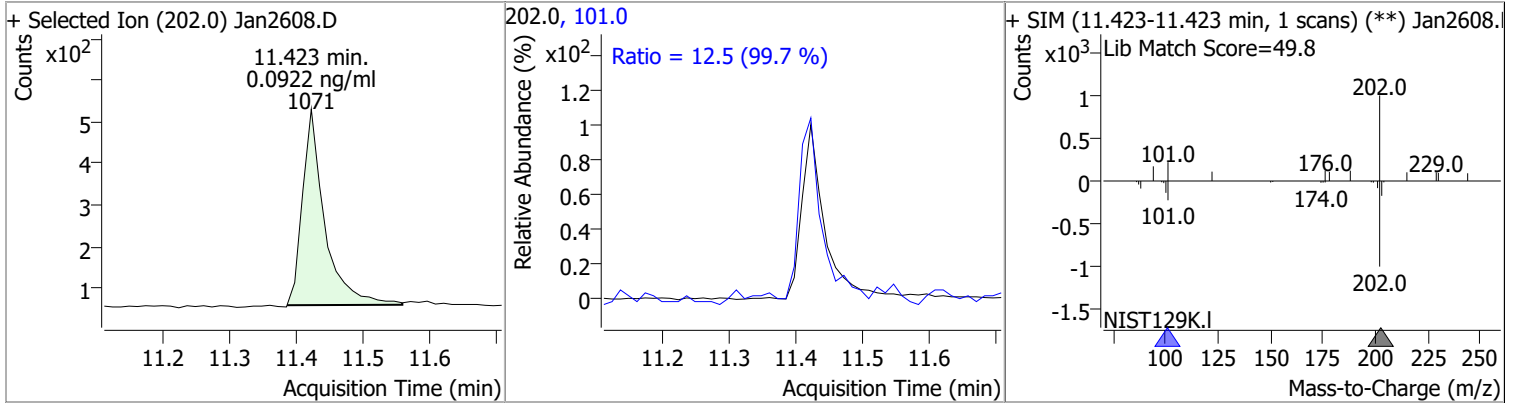


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.0900	10.30	0.00	535	229.0	67.0	47.1	87.5
					215.0	44.3	31.1	57.7



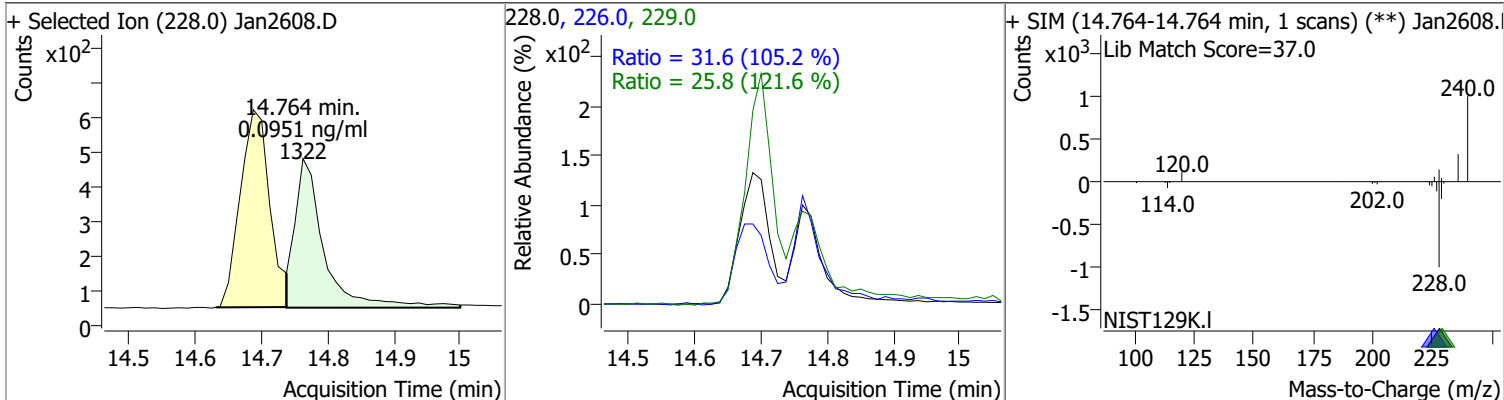
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
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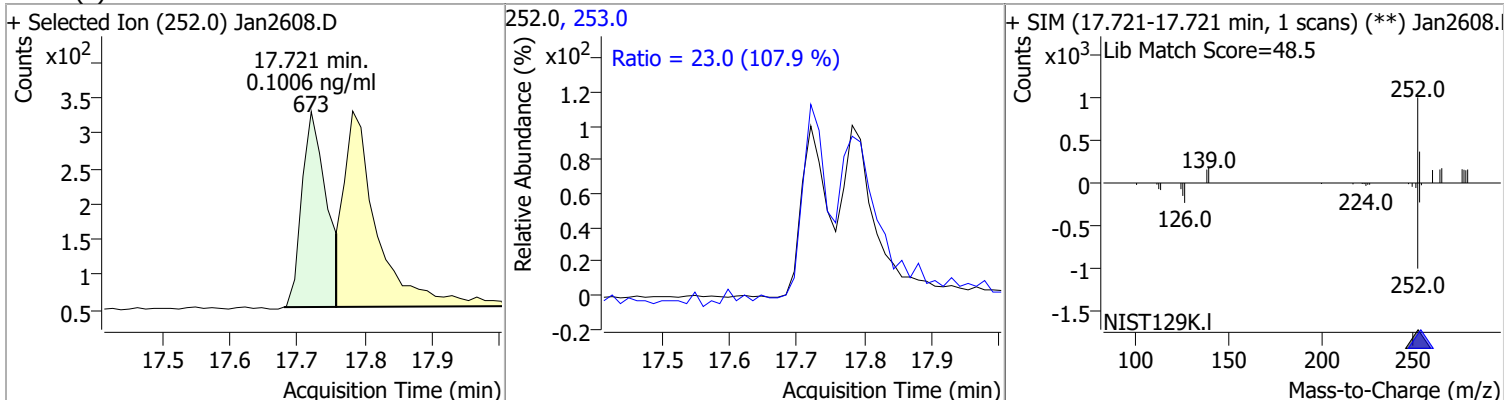


# Quantitation Results Report (QT Reviewed)

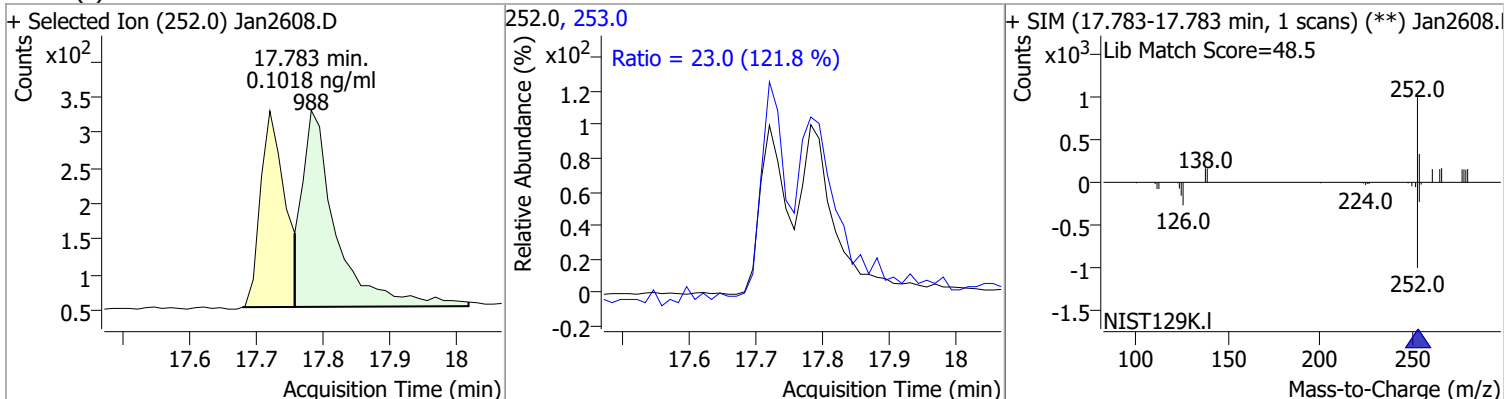
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0.0951	14.76	0.00	1322	226.0	31.6	21.0	39.1
					229.0	25.8	14.8	27.6



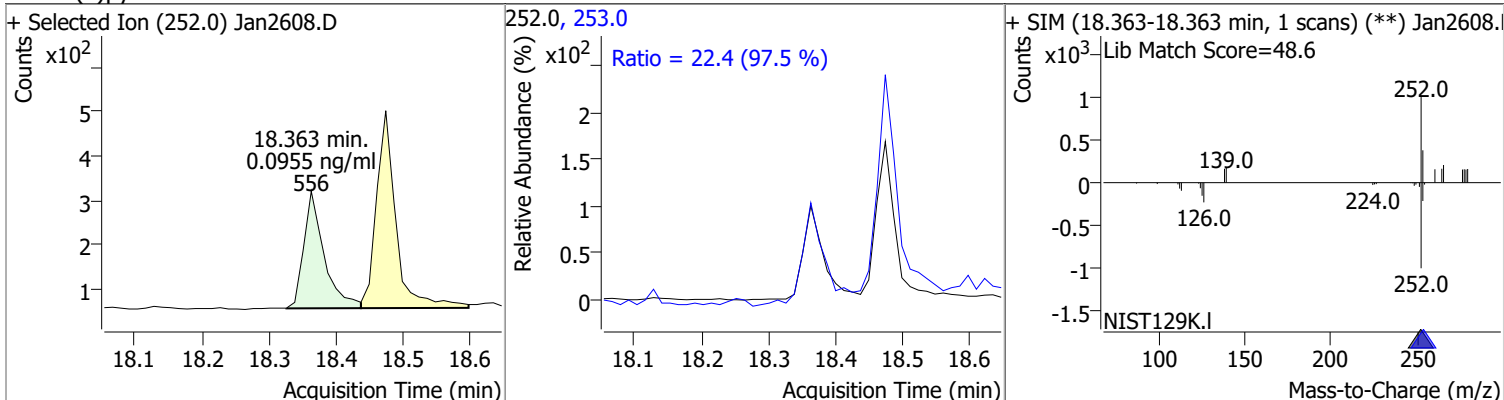
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	0.1006	17.72	0.01	673	253.0	23.0	14.9	27.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	0.1018	17.78	0.01	988	253.0	23.0	13.2	24.6

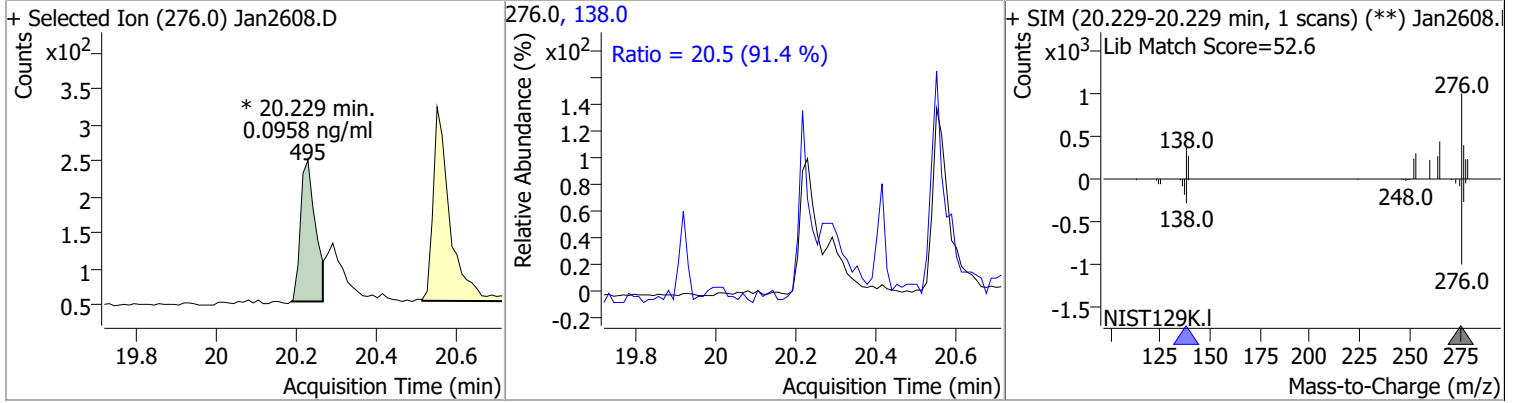


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	0.0955	18.36	0.01	556	253.0	22.4	16.1	29.9

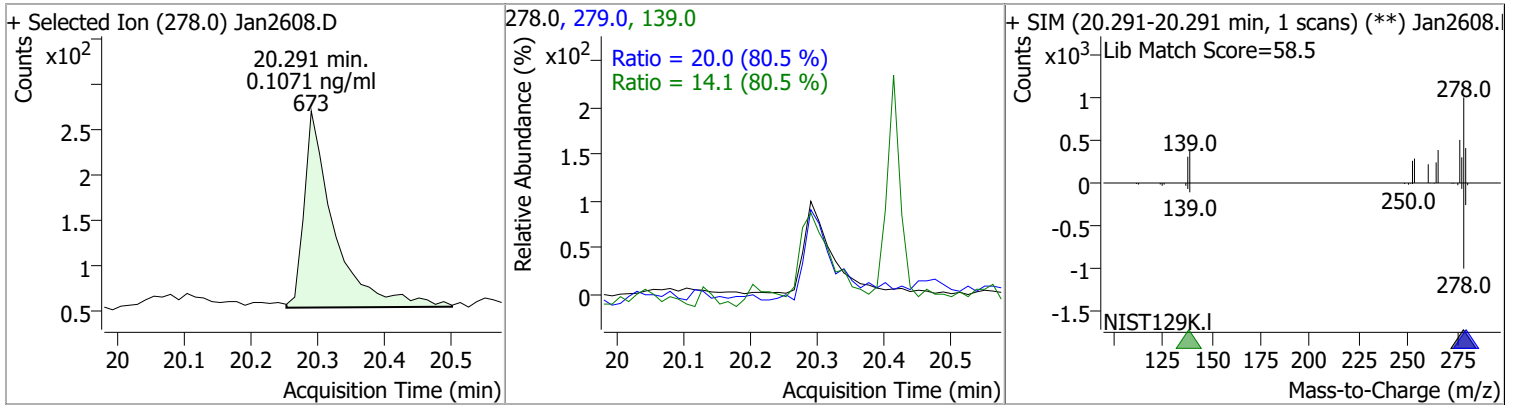


# Quantitation Results Report (QT Reviewed)

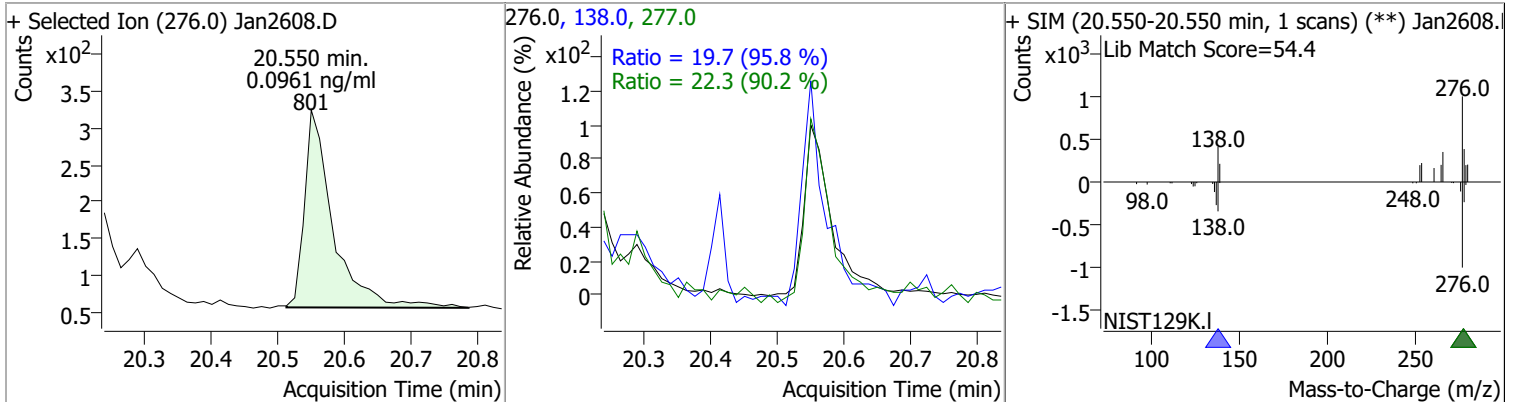
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	0.0958	20.23	0.01	495 (m)	138.0	20.5	15.7	29.1



Dibenzo(a,h)anthracene	0.1071	20.29	0.01	673	279.0	20.0	17.4	32.3
					139.0	14.1	12.3	22.8



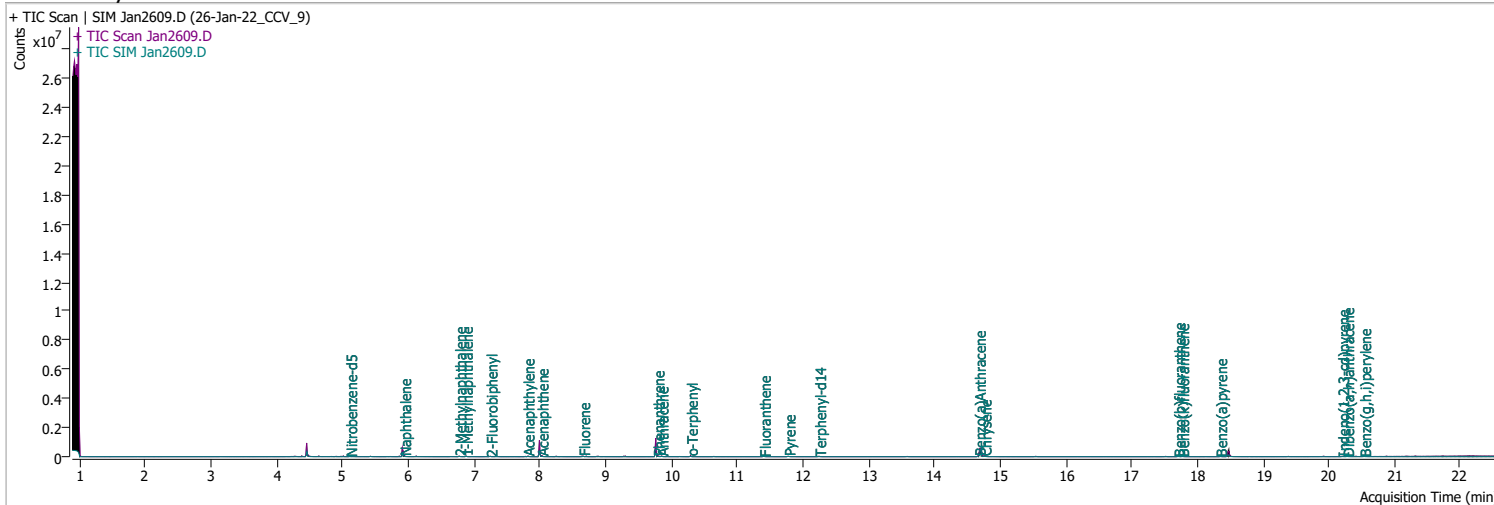
Benzo(g,h,i)perylene	0.0961	20.55	0.01	801	277.0	22.3	17.3	32.2
					138.0	19.7	14.4	26.7



# Quantitation Results Report (QT Reviewed)

Data File	Jan2609.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/26/2022 9:05:23 PM
Sample Name	26-Jan-22_CCV_9	Instrument	GCMS
Vial	9	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.460	152.0	116299	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	221507	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	138731	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	292610	40.0000	ng/ml	0.000
M Chrysene-d12	14.702	240.0	238801	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	154381	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	5997	2.2854	ng/ml	0.000
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 45.71%		
S 2-Fluorobiphenyl	7.252	172.0	11419	2.0910	ng/ml	0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 41.82%		
S o-Terphenyl	10.299	230.0	10208	2.3089	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 46.18%		
S Terphenyl-d14	12.251	244.0	8509	2.1600	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 43.20%		
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	12403	2.1673	ng/ml	65
T 2-Methylnaphthalene	6.777	141.0	8066	2.3346	ng/ml	m 98
T 1-Methylnaphthalene	6.877	141.0	7747	2.2126	ng/ml	m 93
T Acenaphthylene	7.814	152.0	13549	2.1576	ng/ml	100
T Acenaphthene	8.025	154.0	9230	2.2980	ng/ml	m 98
T Fluorene	8.661	166.0	11769	2.1632	ng/ml	97
T Phenanthrene	9.793	178.0	17438	2.2905	ng/ml	99
T Anthracene	9.854	178.0	16918	2.3296	ng/ml	100
T Fluoranthene	11.411	202.0	20028	2.2383	ng/ml	99
T Pyrene	11.781	202.0	21819	2.1896	ng/ml	98
T Benzo(a)Anthracene	14.677	228.0	16376	2.3846	ng/ml	100
T Chrysene	14.764	228.0	21378	2.2712	ng/ml	99
T Benzo(b)fluoranthene	17.709	252.0	14117	2.3648	ng/ml	100

# Quantitation Results Report (QT Reviewed)

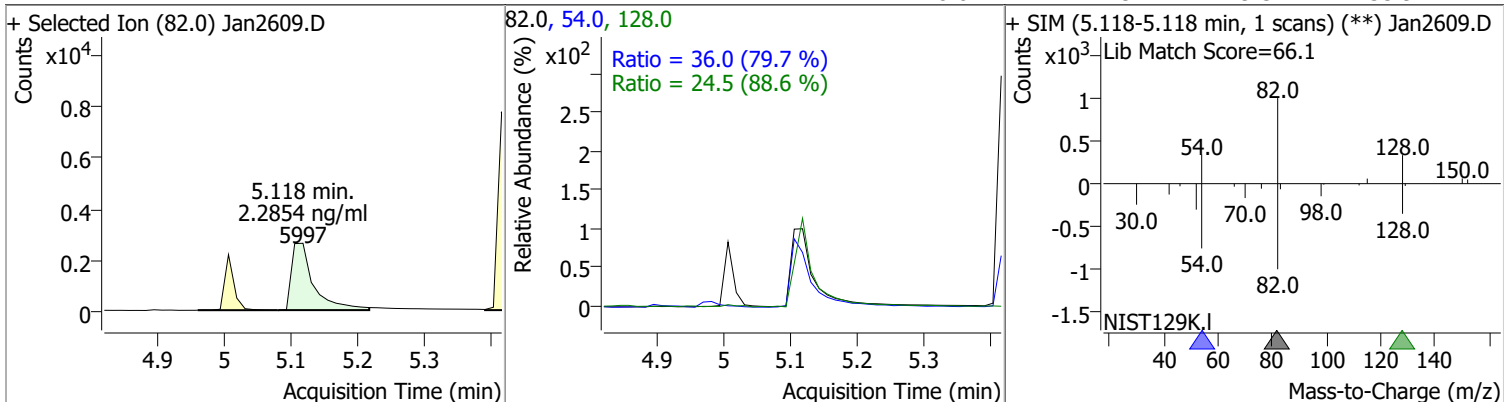
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	15799	2.1657	ng/ml	97
T Benzo(a)pyrene	18.351	252.0	10914	2.1850	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.204	276.0	9615	2.1697	ng/ml	99
T Dibenzo(a,h)anthracene	20.279	278.0	12048	2.3344	ng/ml	99
T Benzo(g,h,i)perylene	20.538	276.0	14979	2.2857	ng/ml	98

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

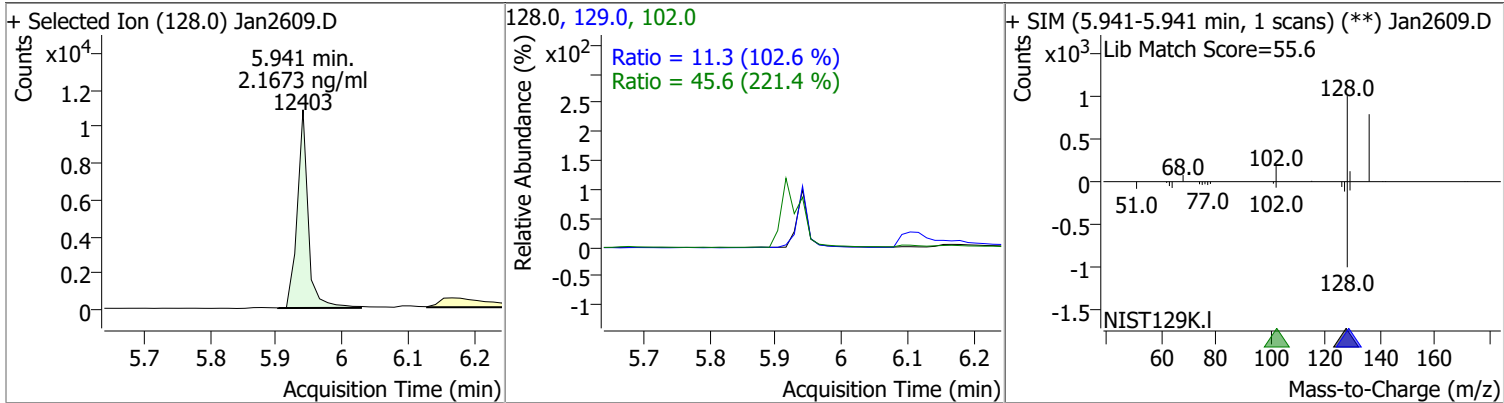


# Quantitation Results Report (QT Reviewed)

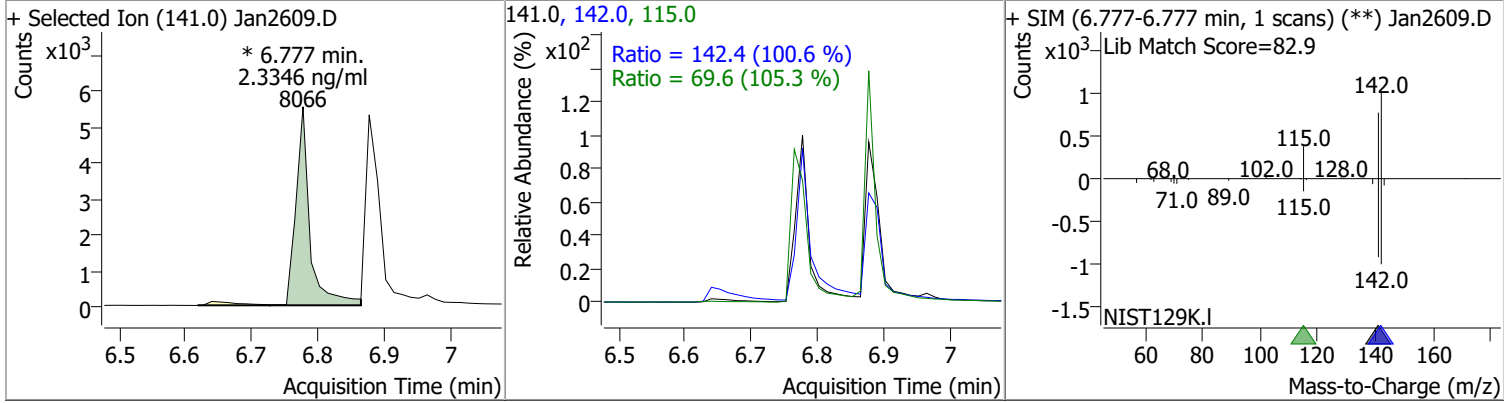
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	2.2854	5.12	0.00	5997	54.0 128.0	36.0 24.5	31.6 19.3	58.8 35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.1673	5.94	0.00	12403	102.0 129.0	45.6 11.3	0.0 7.7	61.8 14.3

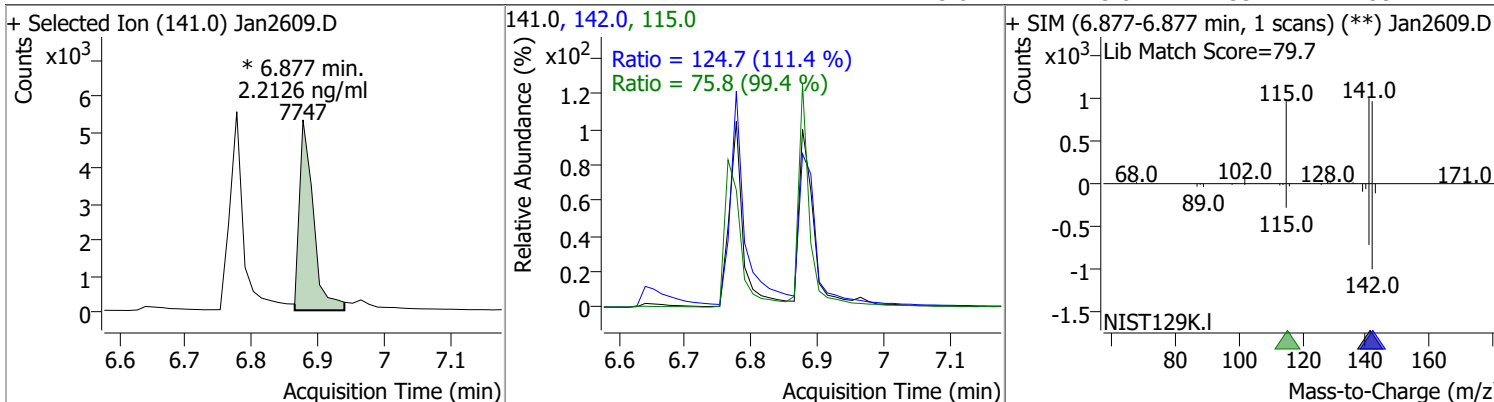


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	2.3346	6.78	0.00	8066 (m)	142.0 115.0	142.4 69.6	99.1 46.3	184.0 86.0

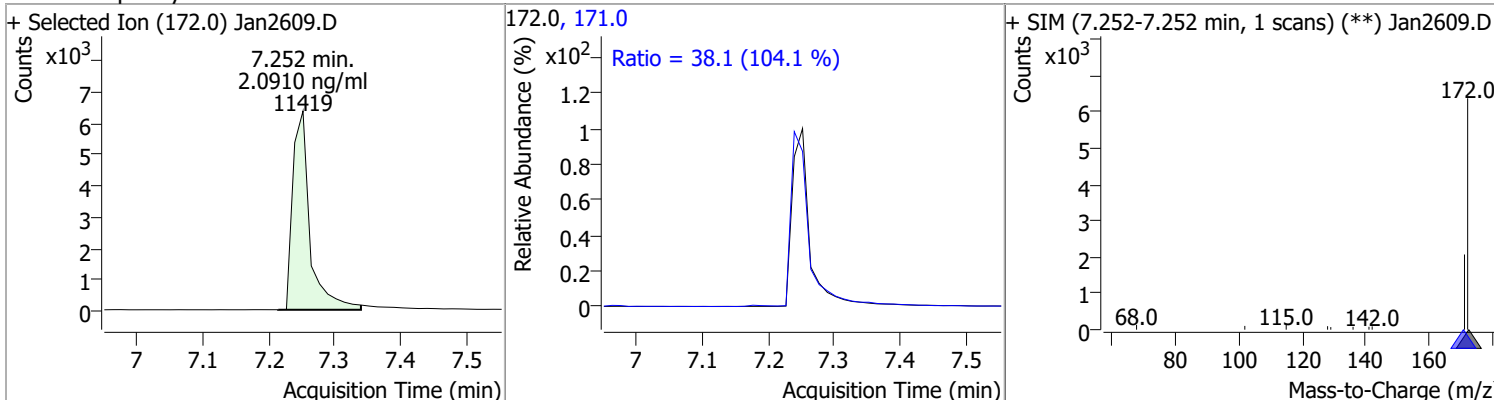


# Quantitation Results Report (QT Reviewed)

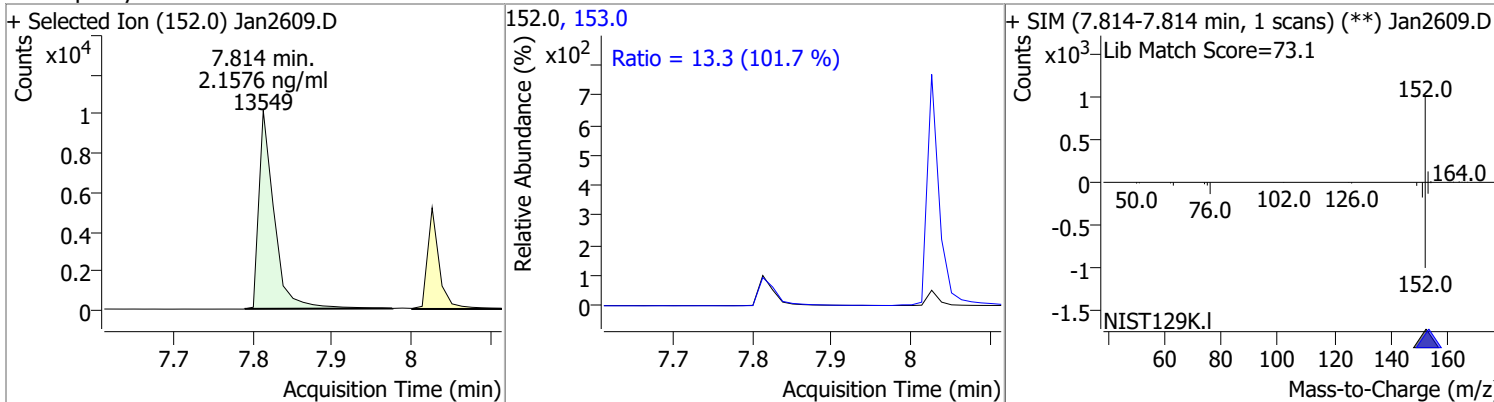
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.2126	6.88	0.00	7747 (m)	142.0 115.0	124.7 75.8	78.3 53.4	145.5 99.2



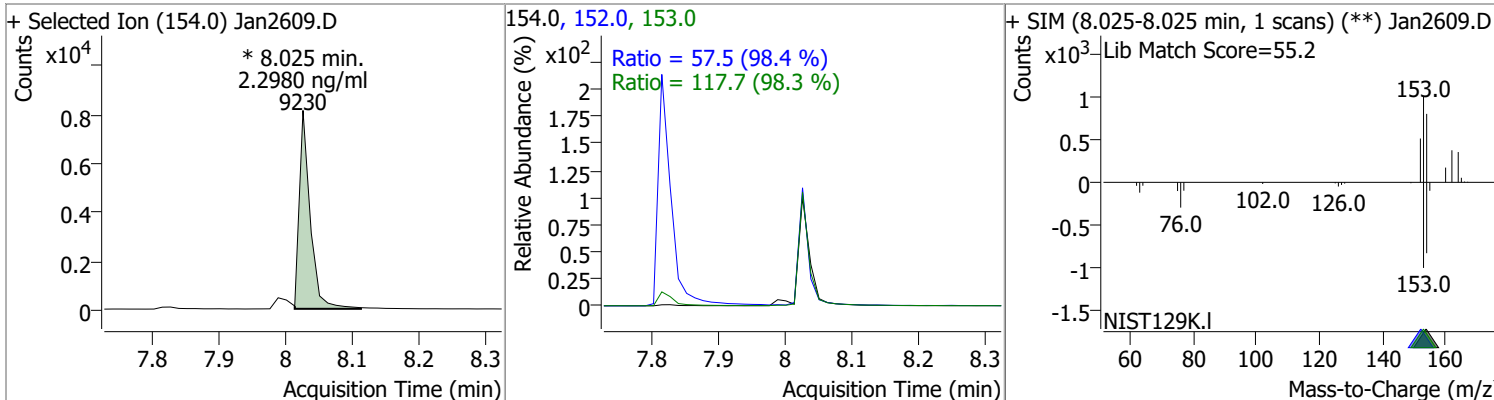
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	2.0910	7.25	0.00	11419	171.0	38.1	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	2.1576	7.81	0.00	13549	153.0	13.3	9.1	17.0

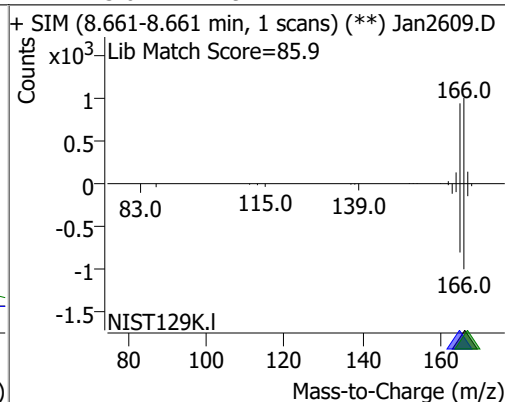
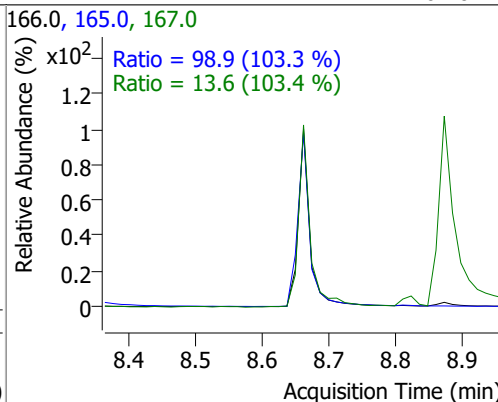
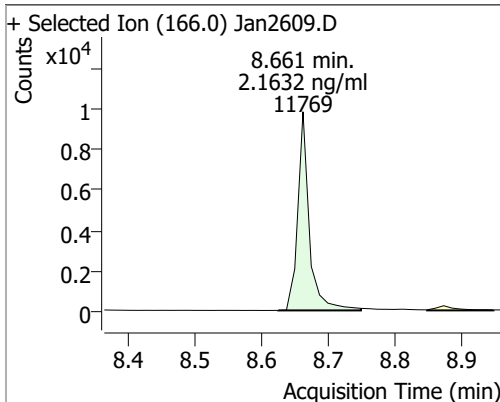


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	2.2980	8.03	0.00	9230 (m)	153.0 152.0	117.7 57.5	83.9 40.9	155.8 76.0

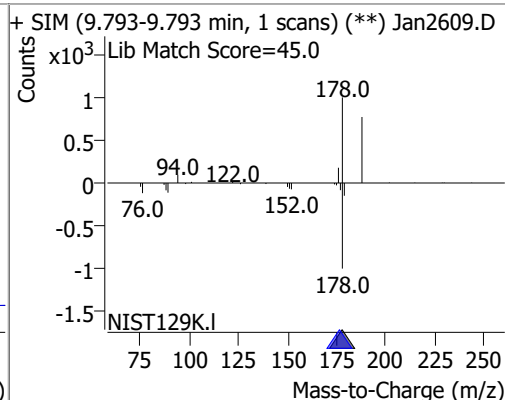
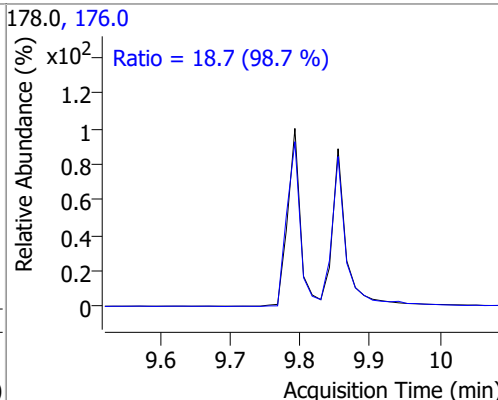
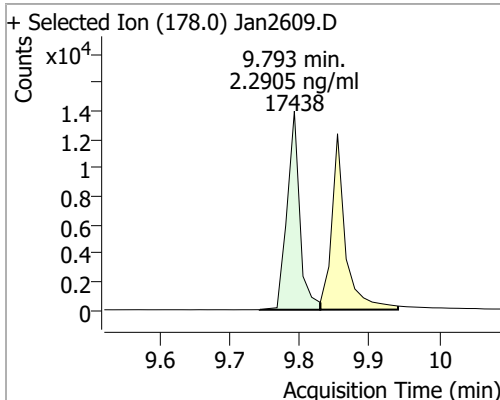


# Quantitation Results Report (QT Reviewed)

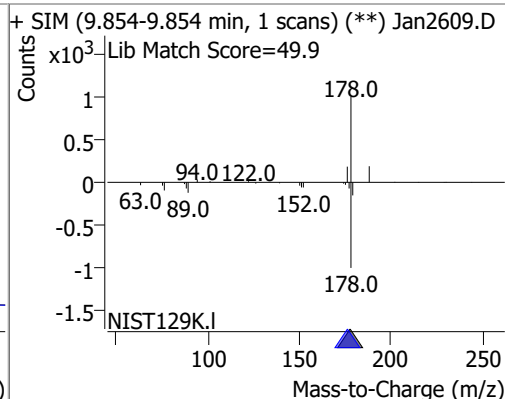
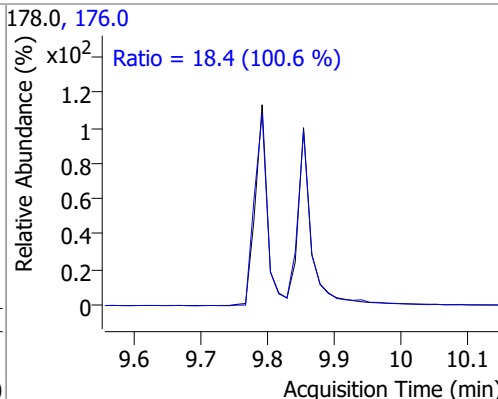
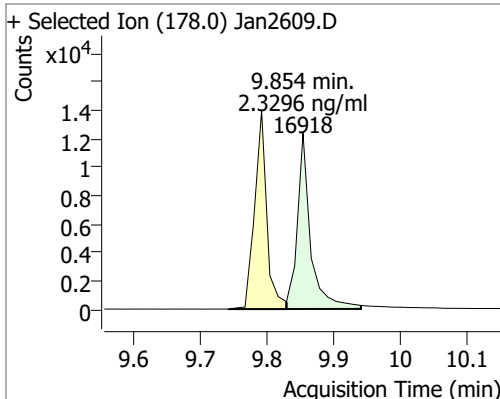
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	2.1632	8.66	0.00	11769	165.0	98.9	67.0	124.5
					167.0	13.6	9.2	17.1



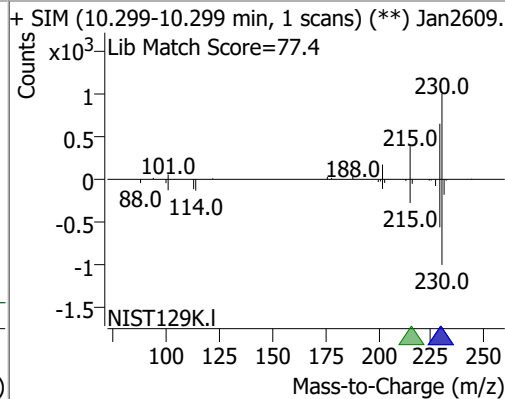
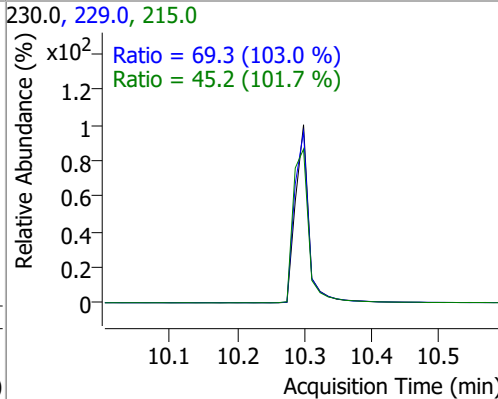
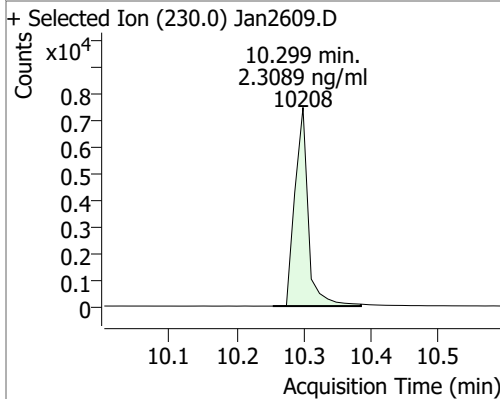
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	2.2905	9.79	0.00	17438	176.0	18.7	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	2.3296	9.85	0.00	16918	176.0	18.4	12.8	23.8

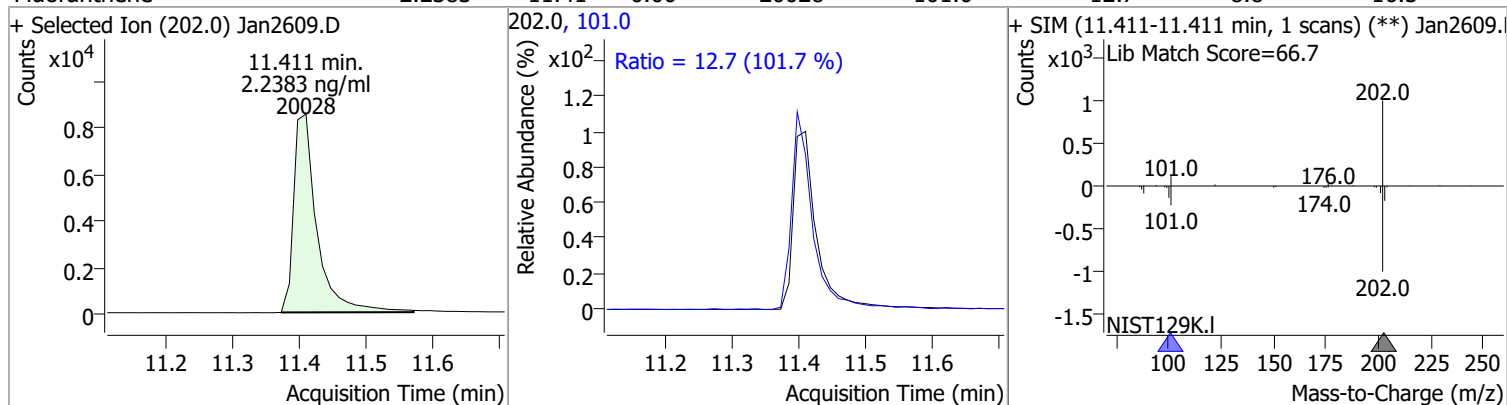


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	2.3089	10.30	0.00	10208	229.0	69.3	47.1	87.5
					215.0	45.2	31.1	57.7

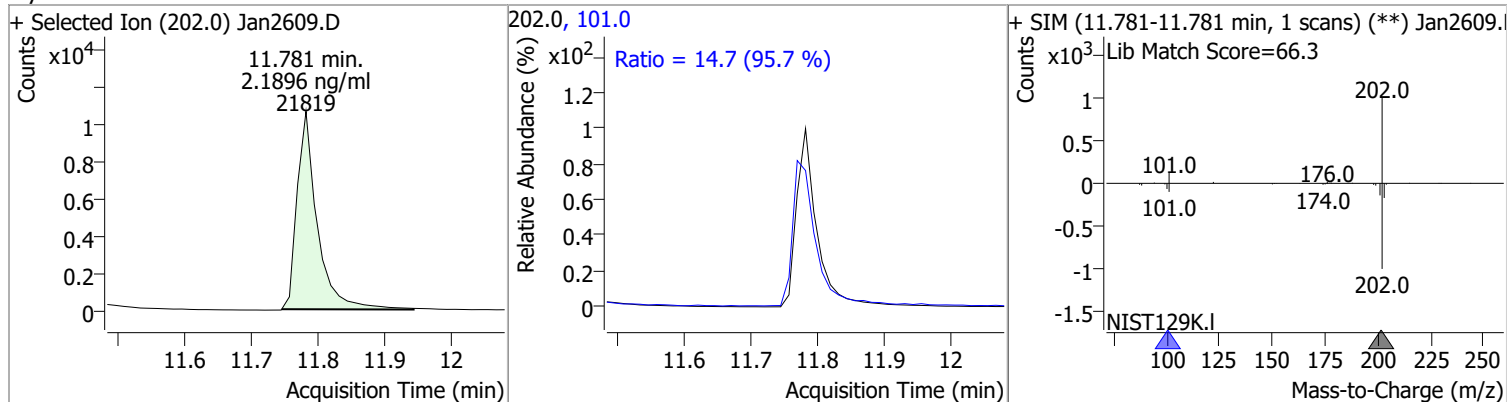


# Quantitation Results Report (QT Reviewed)

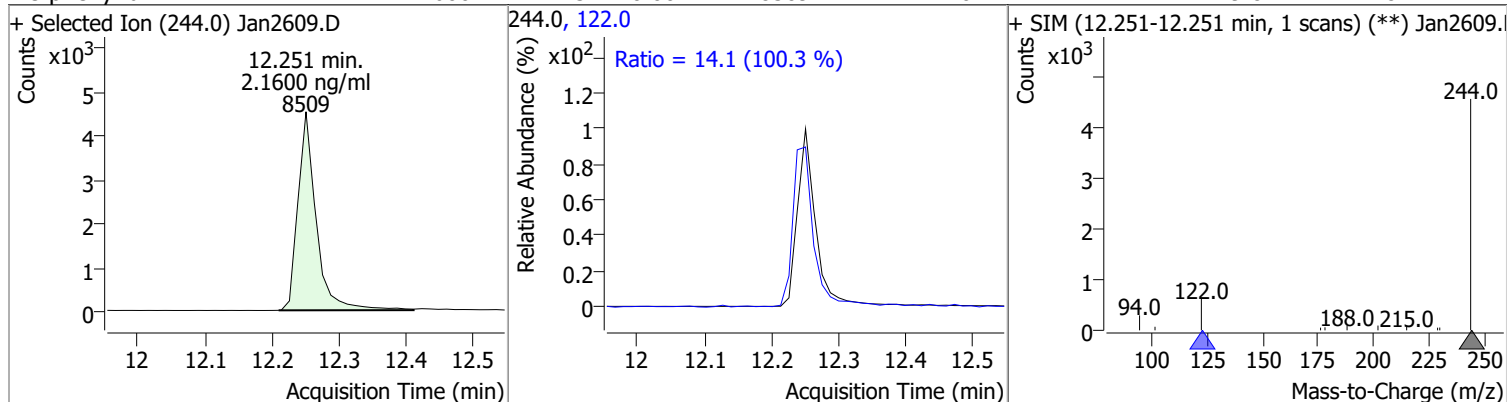
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	2.2383	11.41	0.00	20028	101.0	12.7	8.8	16.3



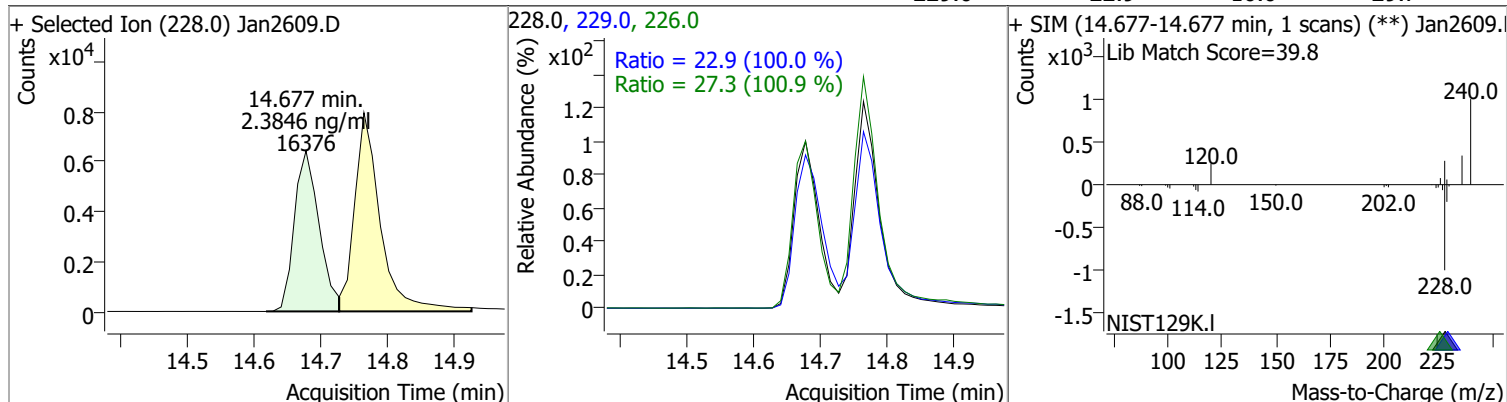
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	2.1896	11.78	0.00	21819	101.0	14.7	10.8	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	2.1600	12.25	0.00	8509	122.0	14.1	9.8	18.2

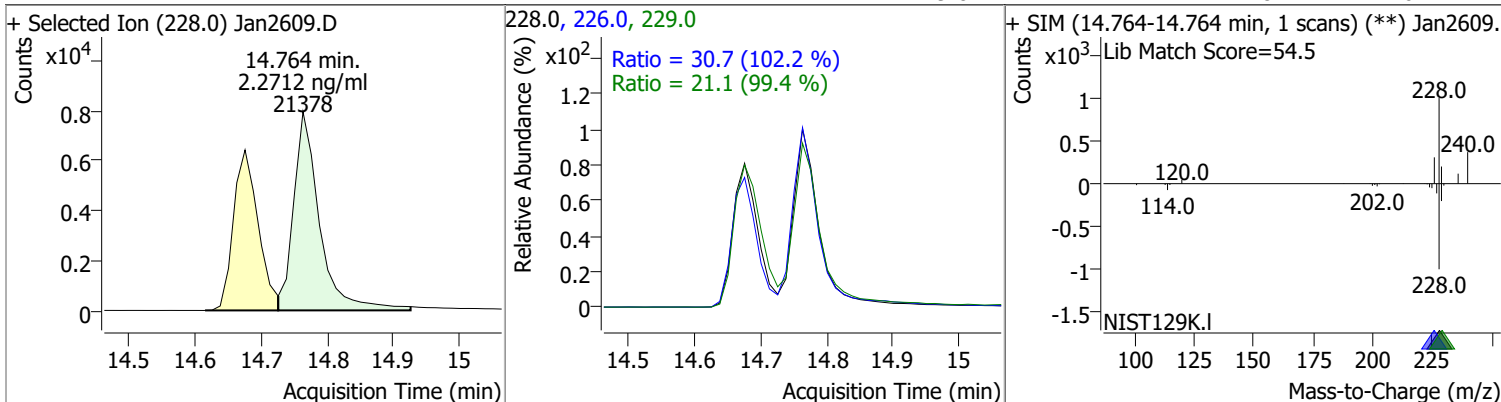


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	2.3846	14.68	0.00	16376	226.0	27.3	19.0	35.2
					229.0	22.9	16.0	29.7

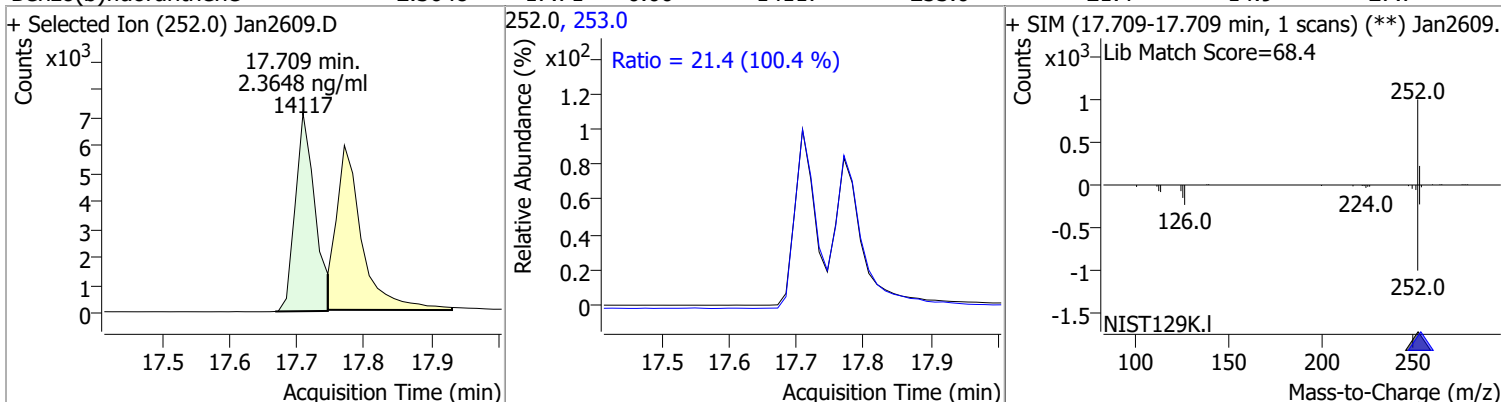


# Quantitation Results Report (QT Reviewed)

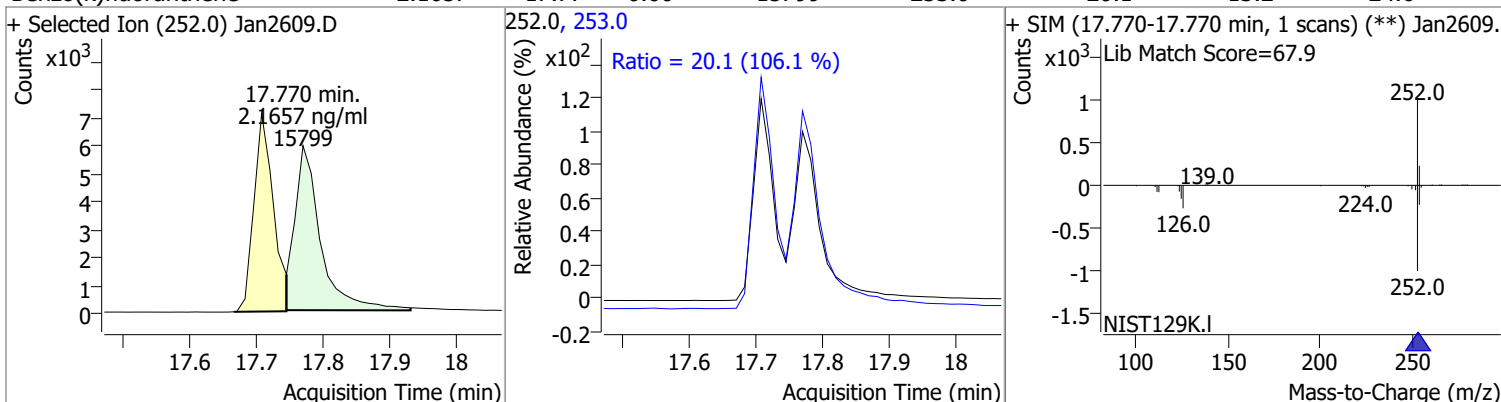
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	2.2712	14.76	0.00	21378	226.0	30.7	21.0	39.1
					229.0	21.1	14.8	27.6



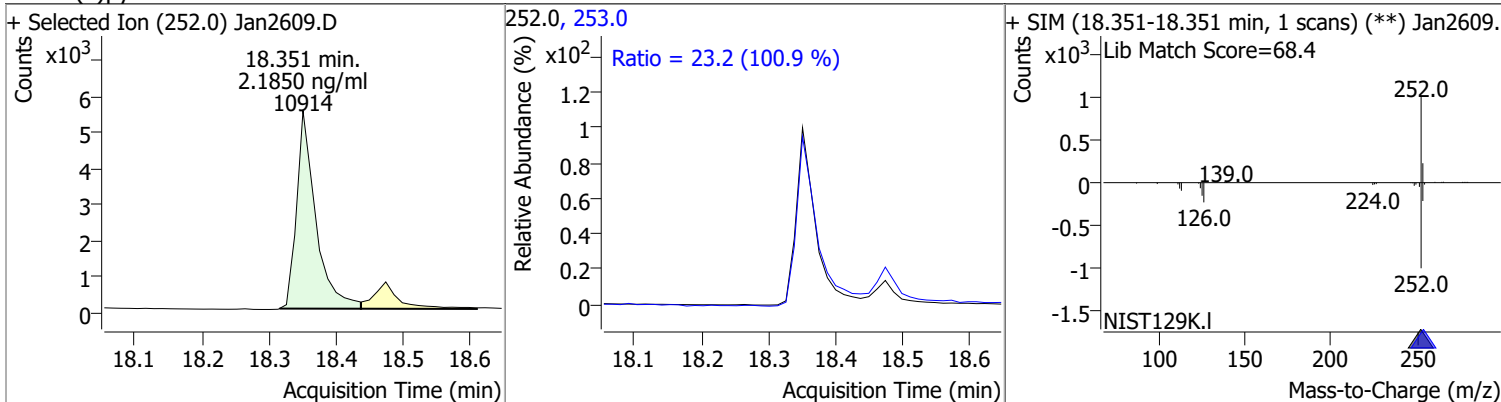
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	2.3648	17.71	0.00	14117	253.0	21.4	14.9	27.7



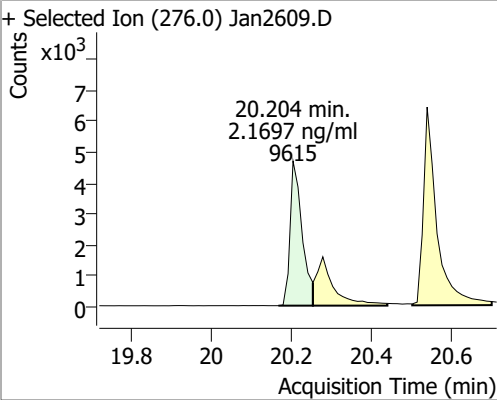
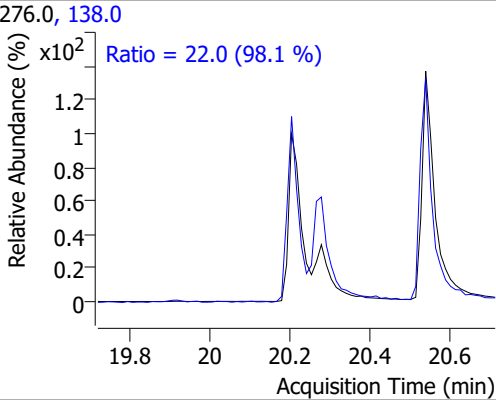
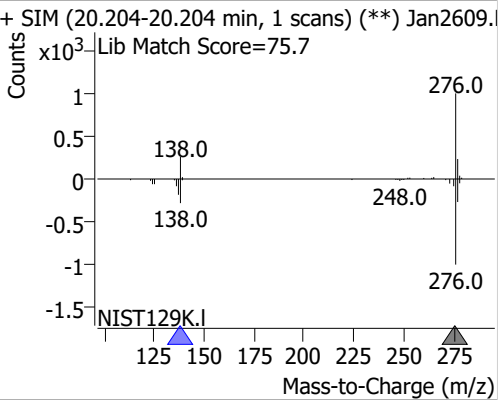
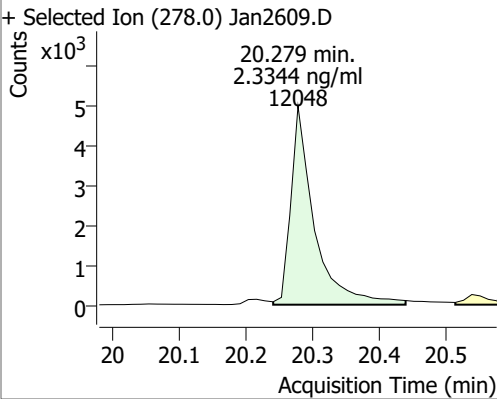
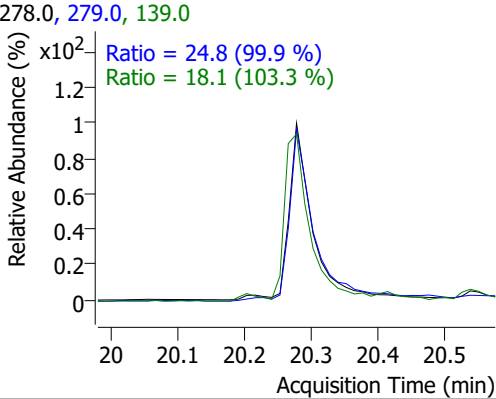
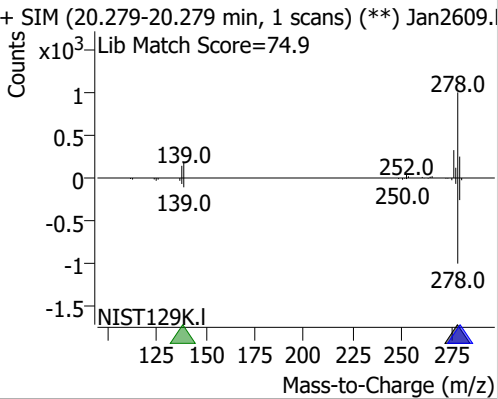
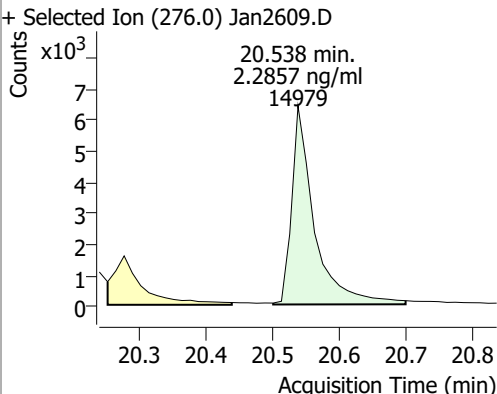
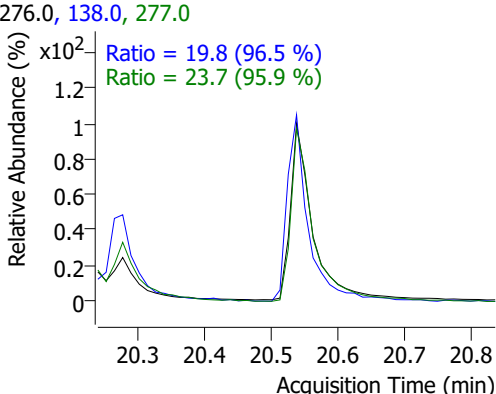
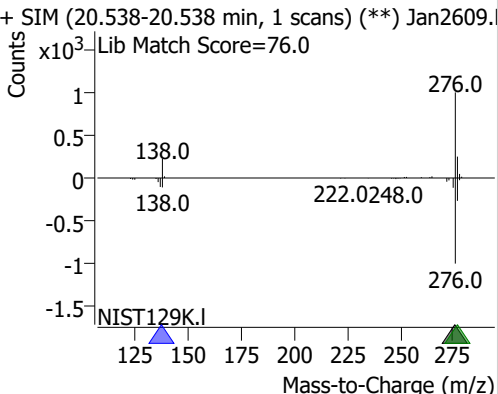
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	2.1657	17.77	0.00	15799	253.0	20.1	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	2.1850	18.35	0.00	10914	253.0	23.2	16.1	29.9



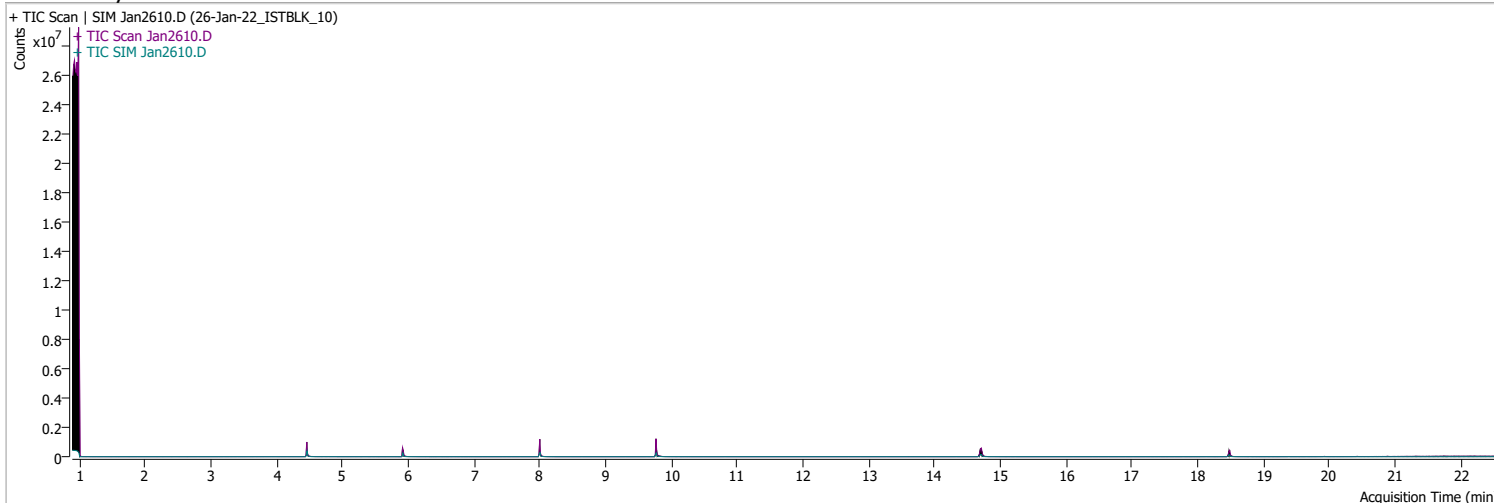
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	2.1697	20.20	-0.01	9615	138.0	22.0	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2609.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 22.0 (98.1 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan2609.D</p> <p>Lib Match Score=75.7</p>  </div> </div>								
Dibenzo(a,h)anthracene	2.3344	20.28	0.00	12048	279.0	24.8	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2609.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 24.8 (99.9 %)</p> <p>Ratio = 18.1 (103.3 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.279-20.279 min, 1 scans) (**) Jan2609.D</p> <p>Lib Match Score=74.9</p>  </div> </div>								
Benzo(g,h,i)perylene	2.2857	20.54	0.00	14979	277.0	23.7	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2609.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 19.8 (96.5 %)</p> <p>Ratio = 23.7 (95.9 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan2609.D</p> <p>Lib Match Score=76.0</p>  </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan2610.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/26/2022 9:37:53 PM
Sample Name	26-Jan-22_ISTBLK_10	Instrument	GCMS
Vial	10	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)	
<b>Internal Standards</b>							
M 1,4-Dichlorobenzene-d4	4.460	152.0	124882	40.0000	ng/ml	0.000	
M Naphthalene-d8	5.916	136.0	227255	40.0000	ng/ml	0.000	
M Acenaphthene-d10	8.001	164.0	153582	40.0000	ng/ml	0.000	
M Phenanthrene-d10	9.768	188.0	326969	40.0000	ng/ml	0.000	
M Chrysene-d12	14.702	240.0	264588	40.0000	ng/ml	0.000	
M Perylene-d12	18.475	264.0	168962	40.0000	ng/ml	0.000	
<b>System Monitoring Compounds</b>							
S Nitrobenzene-d5	0.000		0	N.D.			
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = NA%			
S 2-Fluorobiphenyl	0.000		0	N.D.			
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = NA%			
S o-Terphenyl	0.000		0	N.D.			
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%			
S Terphenyl-d14	0.000		0	N.D.			
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = NA%			
<b>Target Compounds</b>							
T Naphthalene	0.000		0	N.D.			<b>QValue</b>
T 2-Methylnaphthalene	0.000		0	N.D.			
T 1-Methylnaphthalene	0.000		0	N.D.			
T Acenaphthylene	0.000		0	N.D.			
T Acenaphthene	8.013	154.0	0		ng/ml	md	1
T Fluorene	0.000		0	N.D.			
T Phenanthrene	0.000		0	N.D.			
T Anthracene	0.000		0	N.D.			
T Fluoranthene	0.000		0	N.D.			
T Pyrene	0.000		0	N.D.			
T Benzo(a)Anthracene	14.702	228.0	0		ng/ml	md	1
T Chrysene	14.764	228.0	0		ng/ml	md	1
T Benzo(b)fluoranthene	0.000		0	N.D.			

# Quantitation Results Report (QT Reviewed)

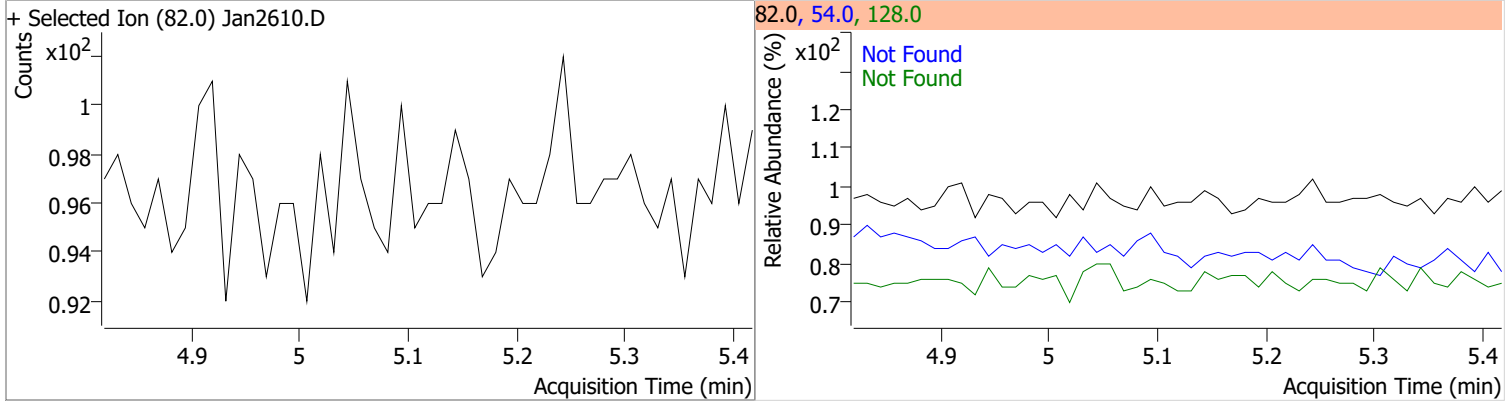
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.475	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

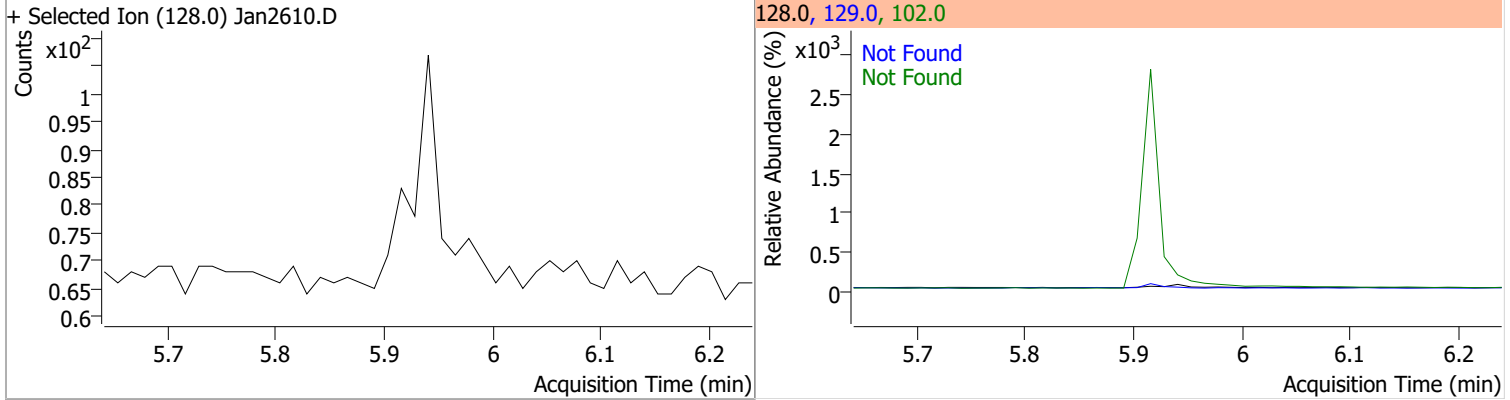


# Quantitation Results Report (QT Reviewed)

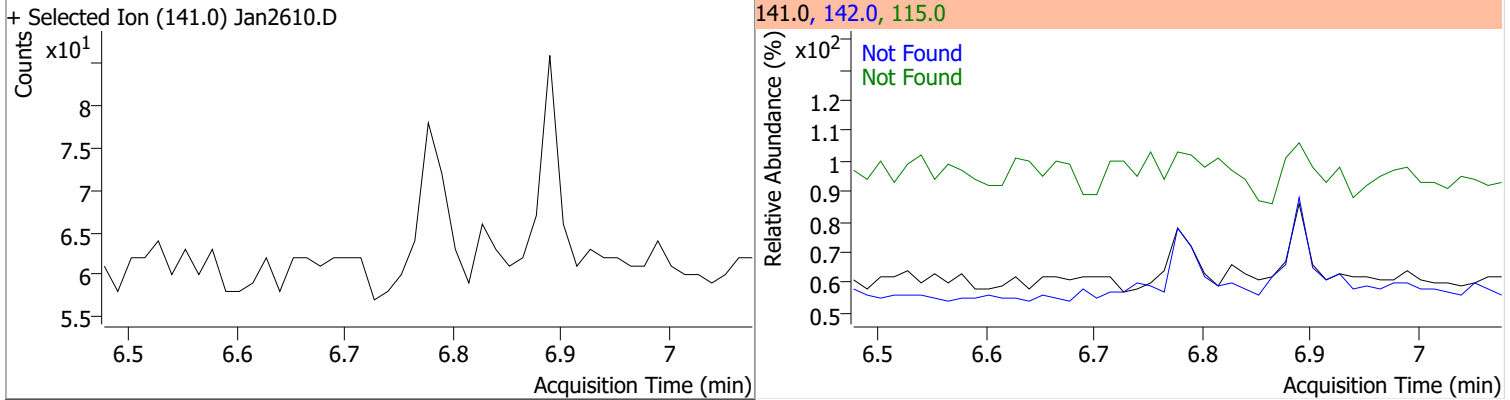
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Nitrobenzene-d5	N.D.	5.12	54.0	45.2	128.0	27.6



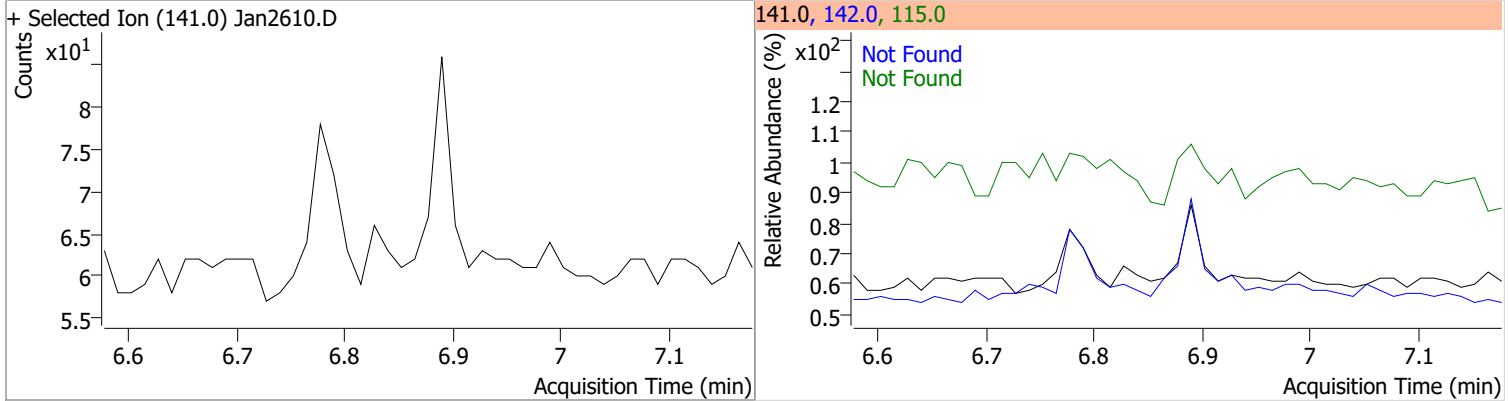
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1

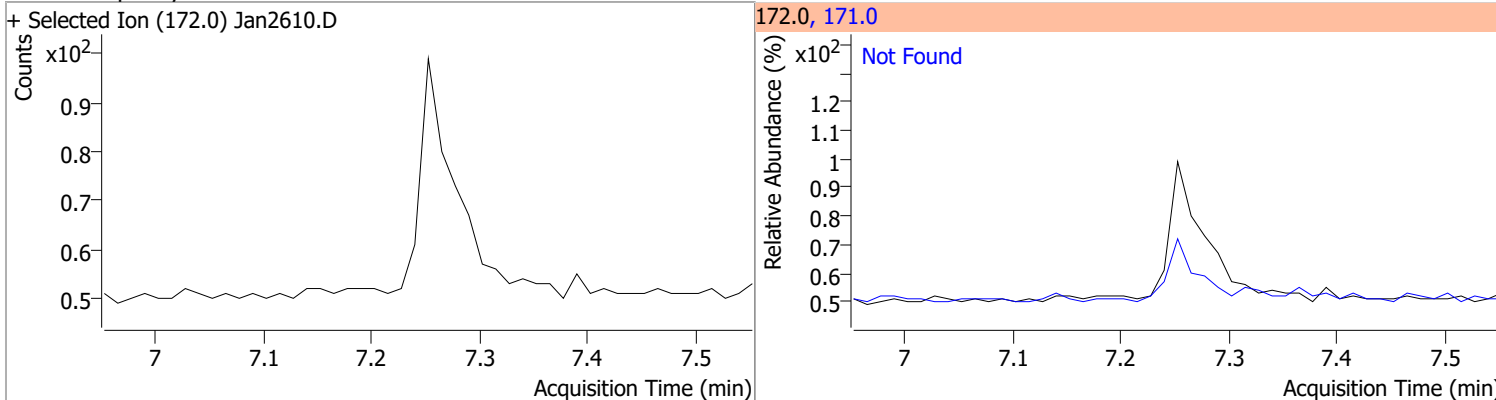


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3

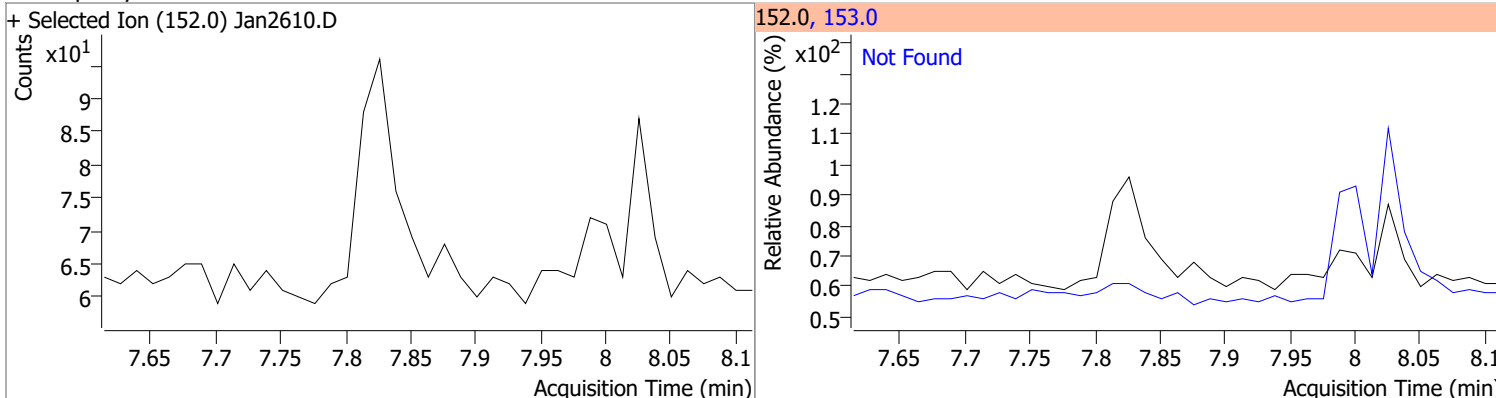


# Quantitation Results Report (QT Reviewed)

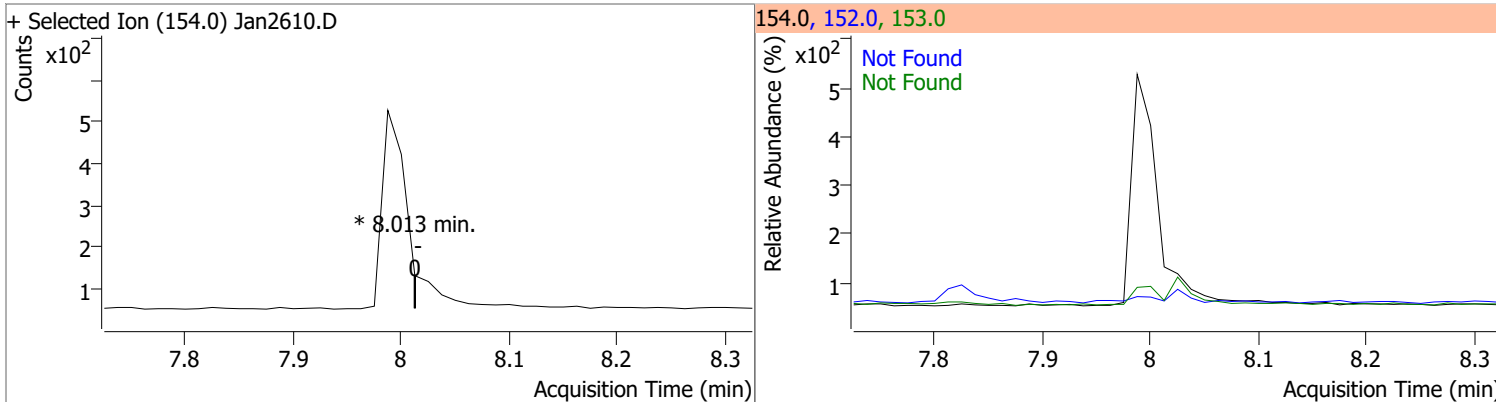
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Fluorobiphenyl	N.D.	7.25	171.0	36.6



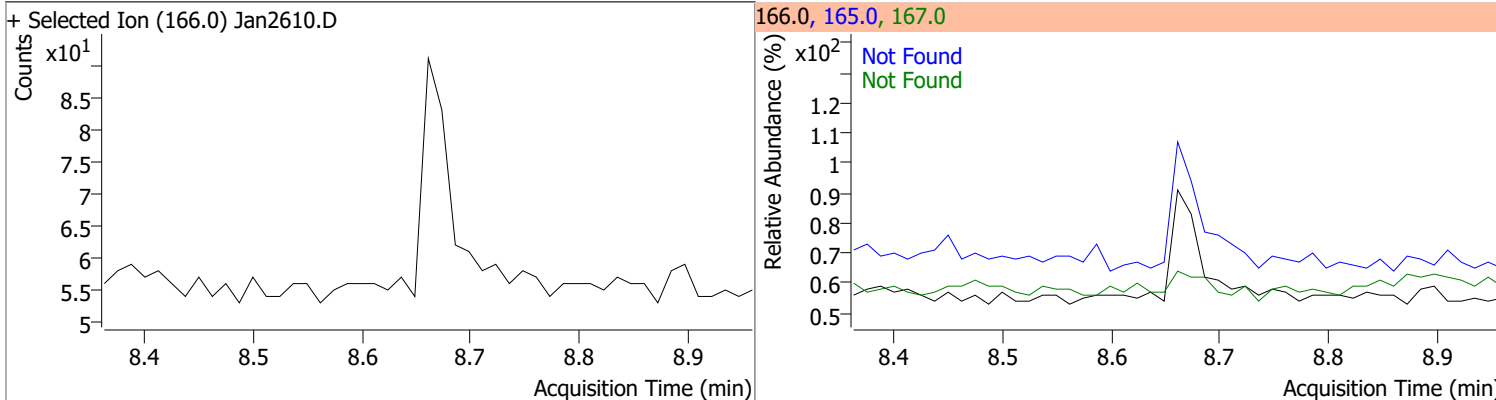
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.81	153.0	13.1



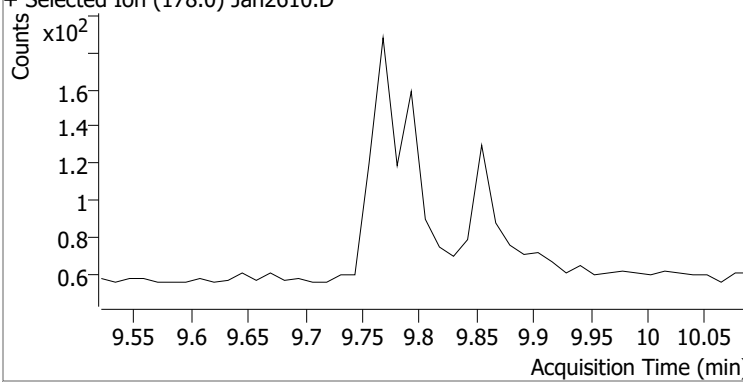
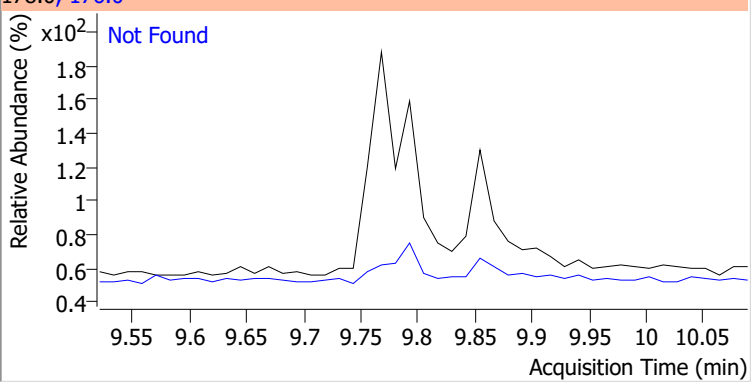
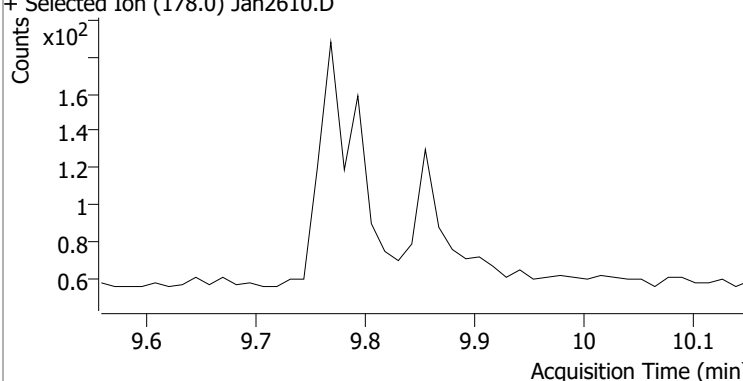
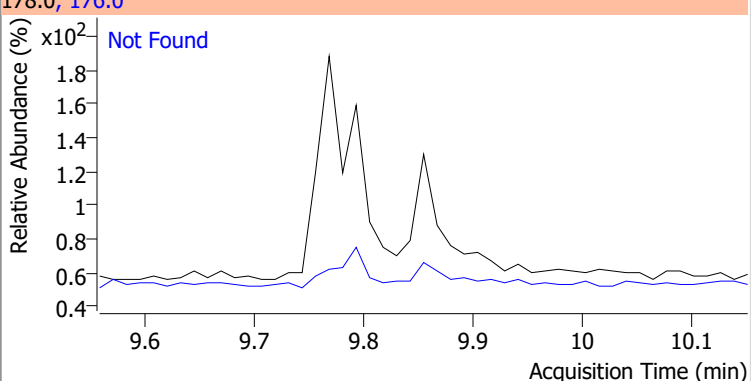
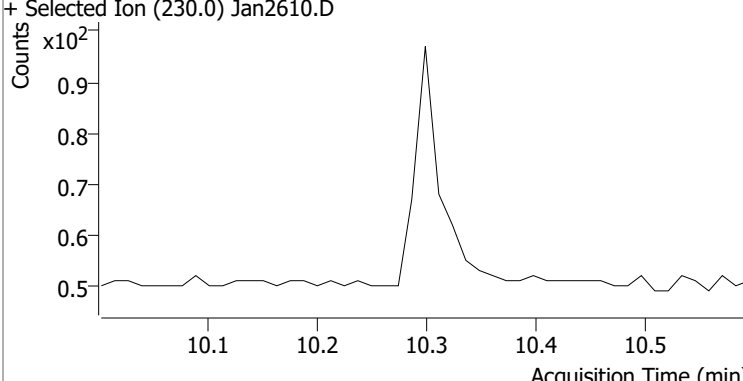
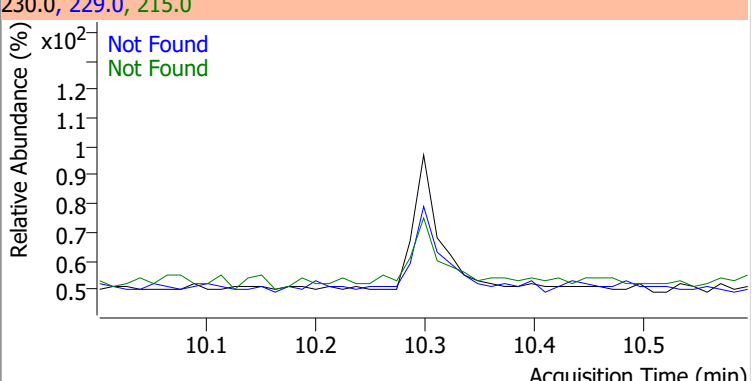
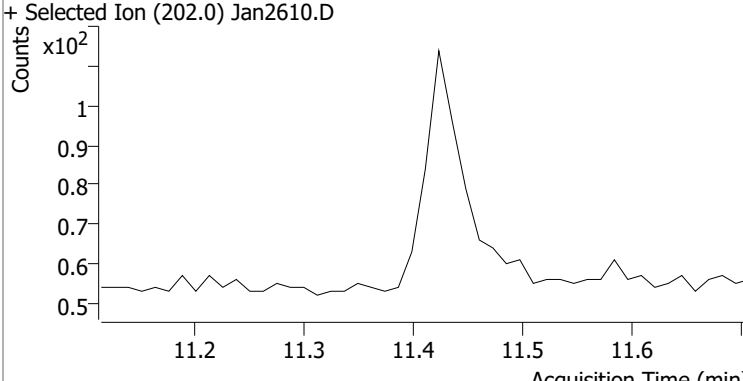
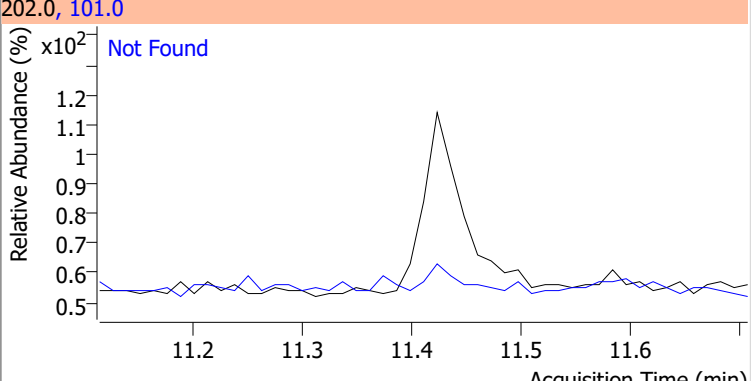
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		83.9	155.8
					152.0		40.9	76.0



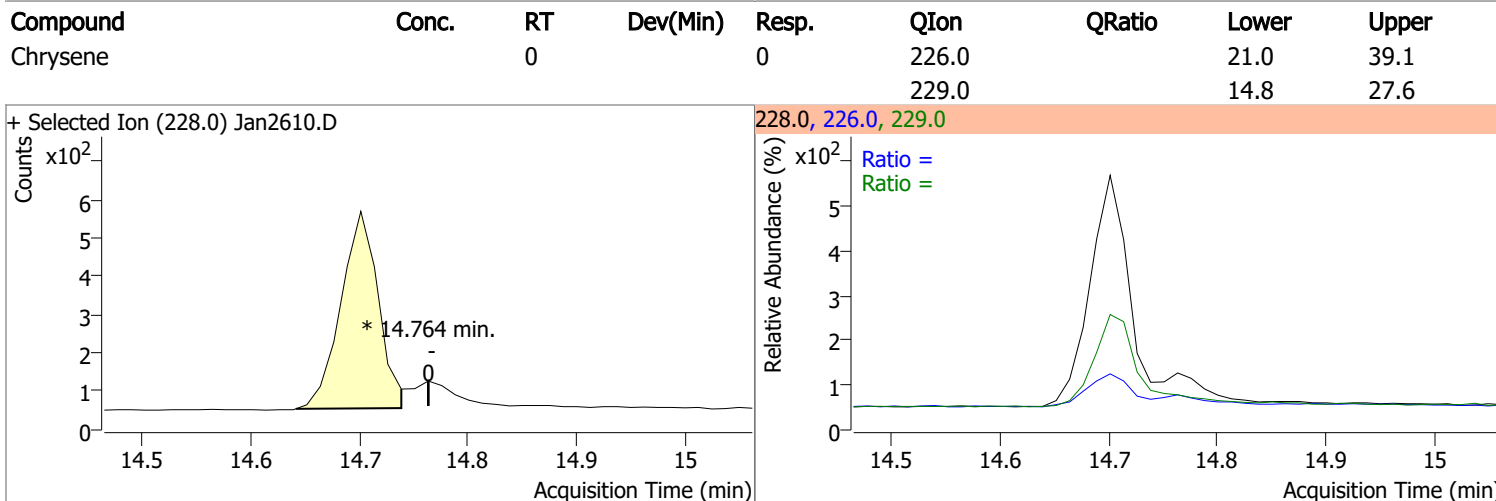
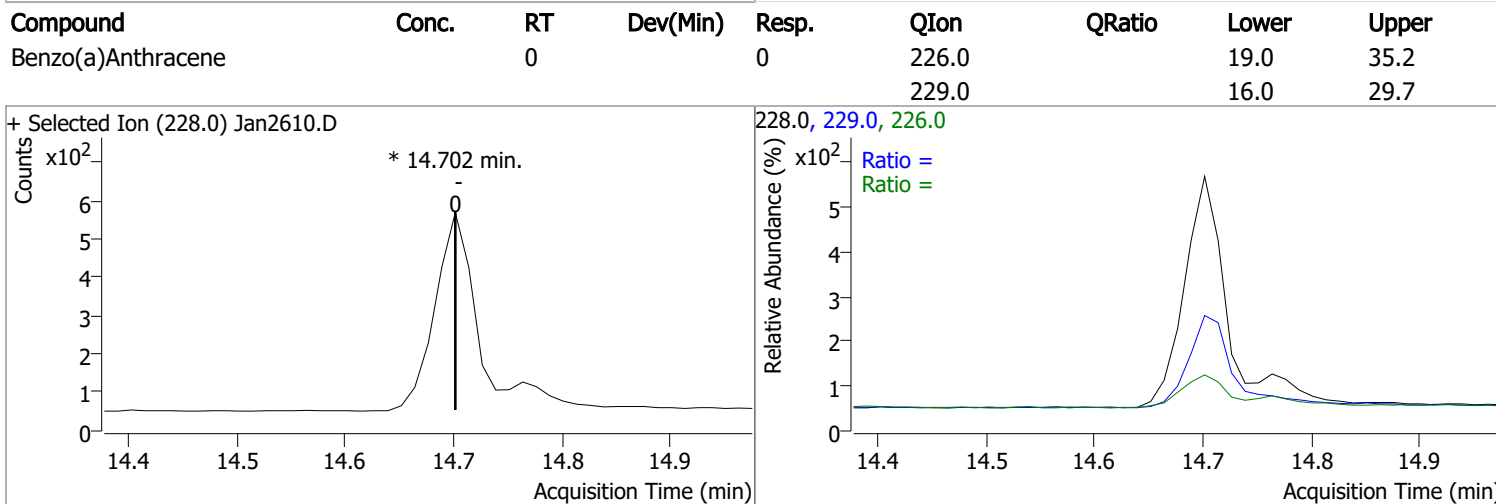
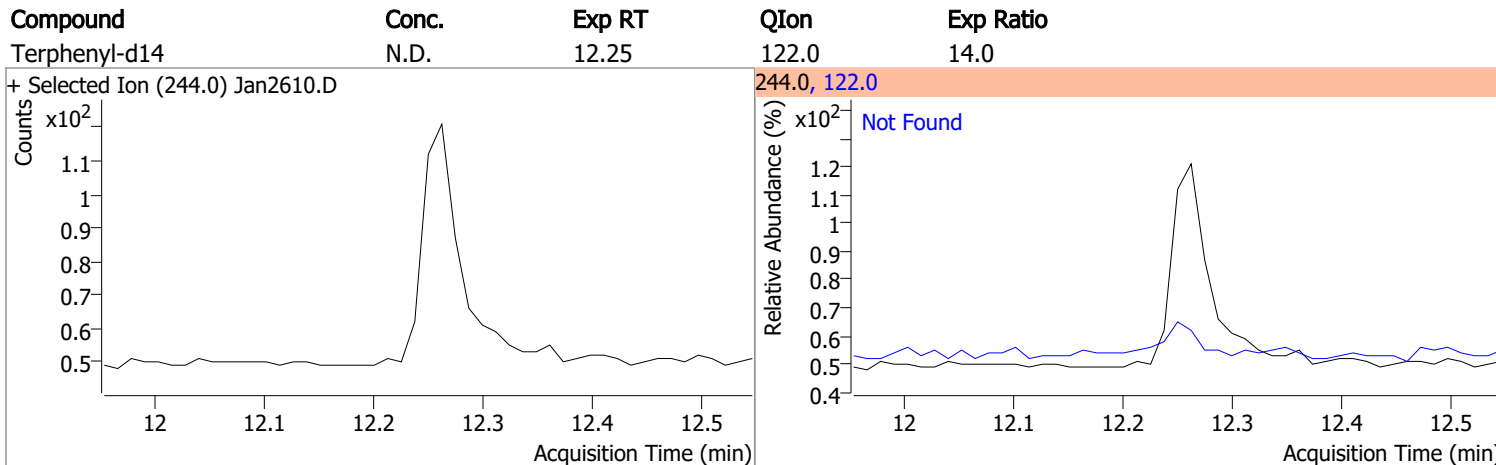
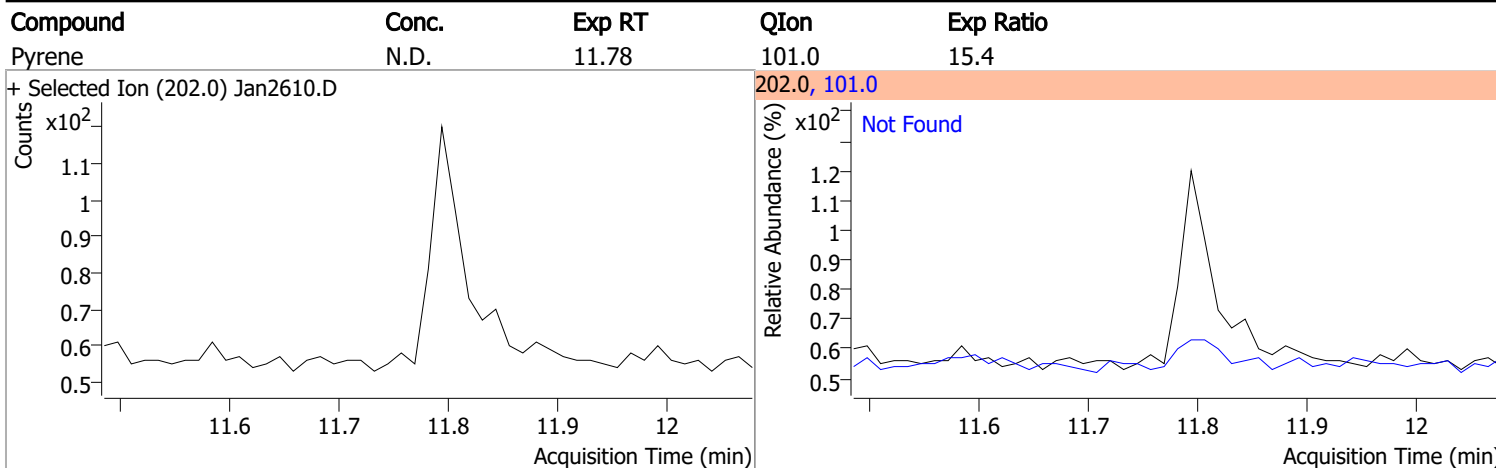
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Fluorene	N.D.	8.66	165.0	95.7	167.0	13.2



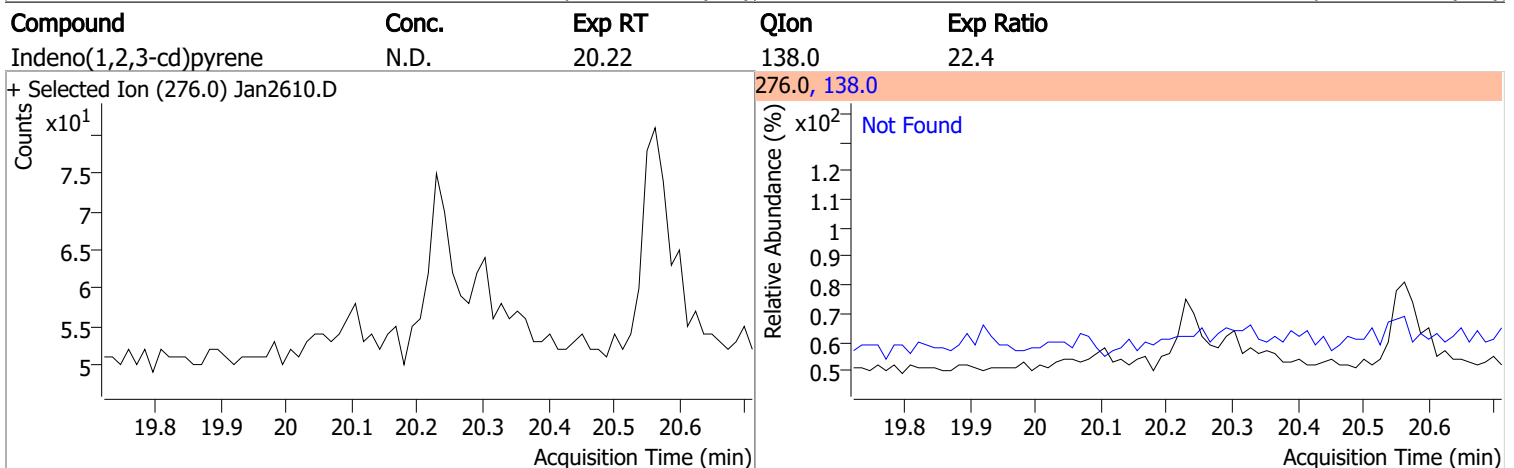
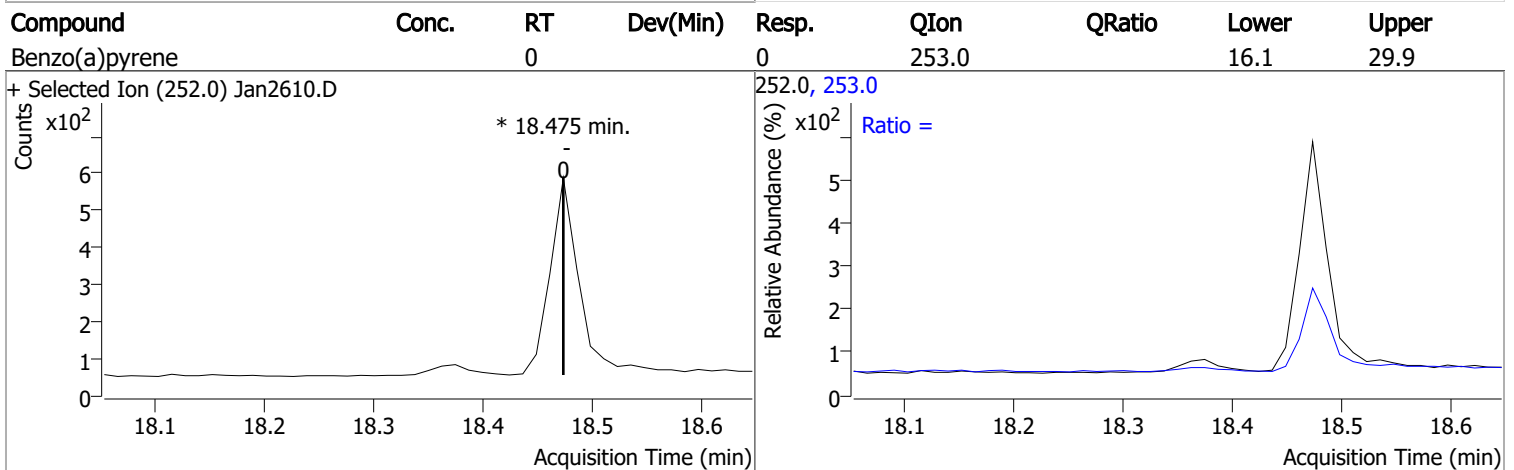
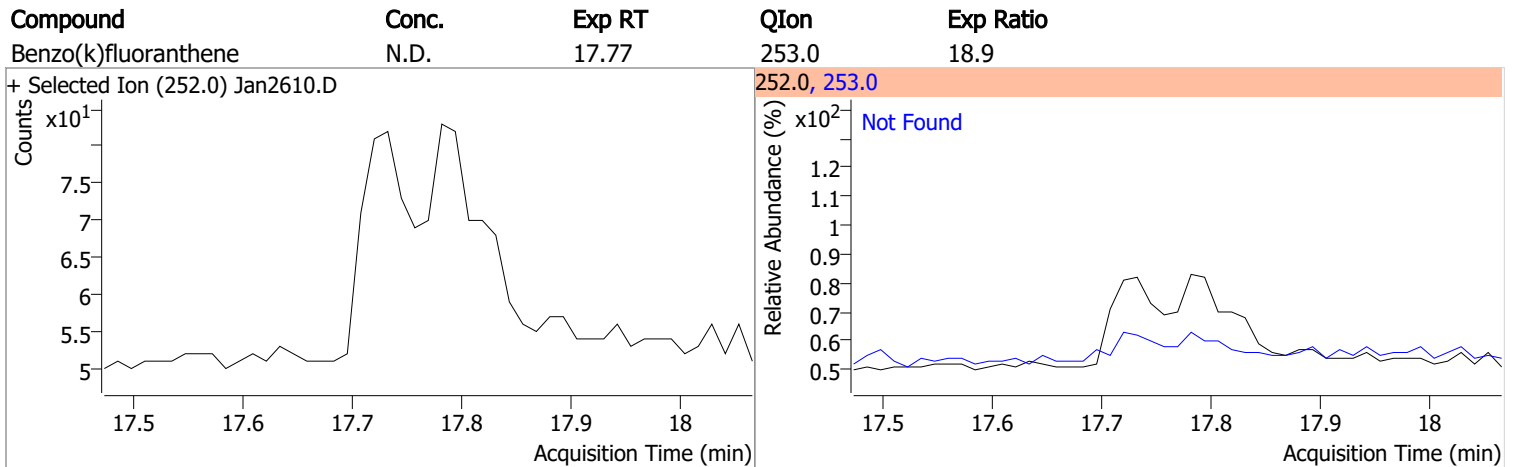
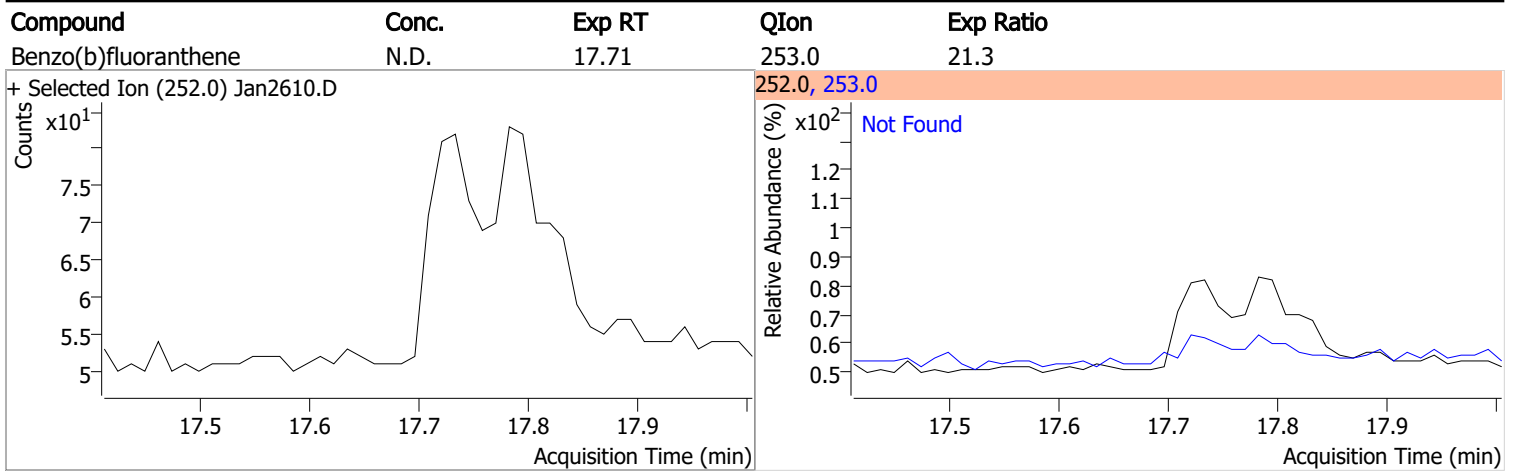
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio		
Phenanthrene	N.D.	9.79	176.0	18.9		
+ Selected Ion (178.0) Jan2610.D			178.0, 176.0			
						
Anthracene	N.D.	9.85	176.0	18.3		
+ Selected Ion (178.0) Jan2610.D			178.0, 176.0			
						
o-Terphenyl	N.D.	10.30	229.0	67.3	QIon	Exp Ratio
			215.0	44.4		
+ Selected Ion (230.0) Jan2610.D			230.0, 229.0, 215.0			
						
Fluoranthene	N.D.	11.41	101.0	12.5		
+ Selected Ion (202.0) Jan2610.D			202.0, 101.0			
						

# Quantitation Results Report (QT Reviewed)

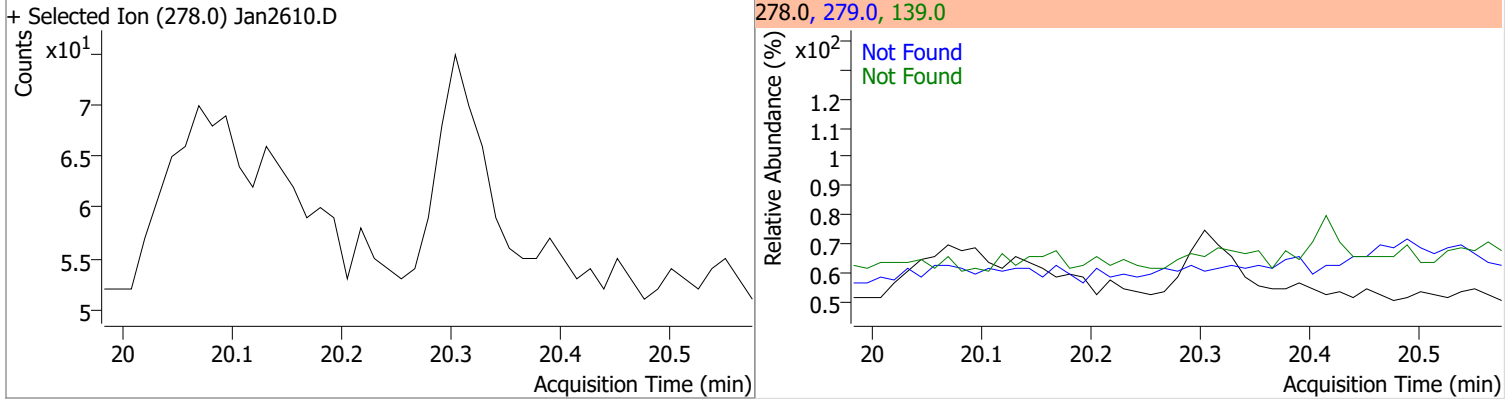


# Quantitation Results Report (QT Reviewed)

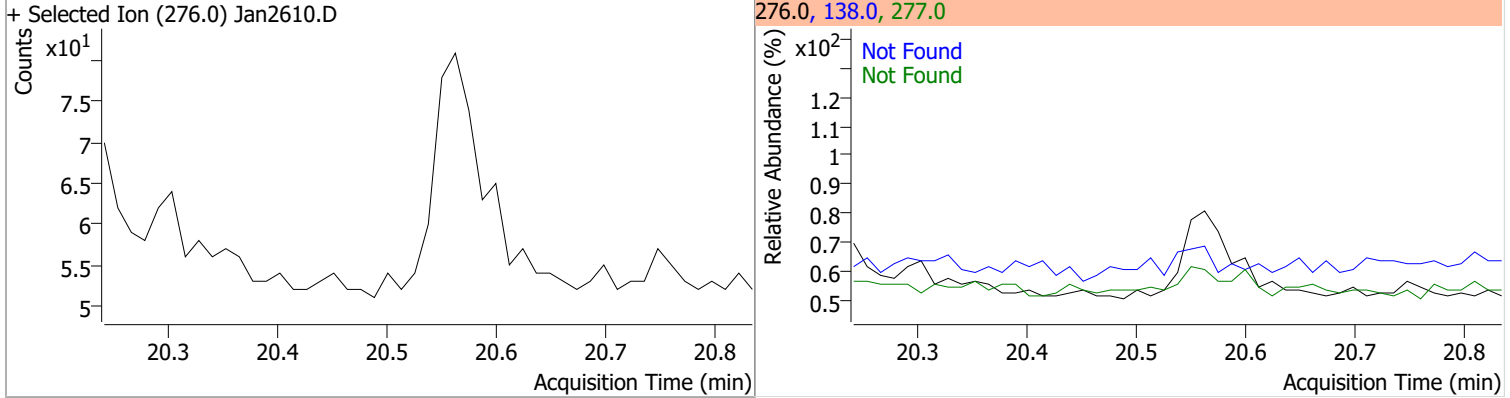


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.28	279.0	24.9	139.0	17.5



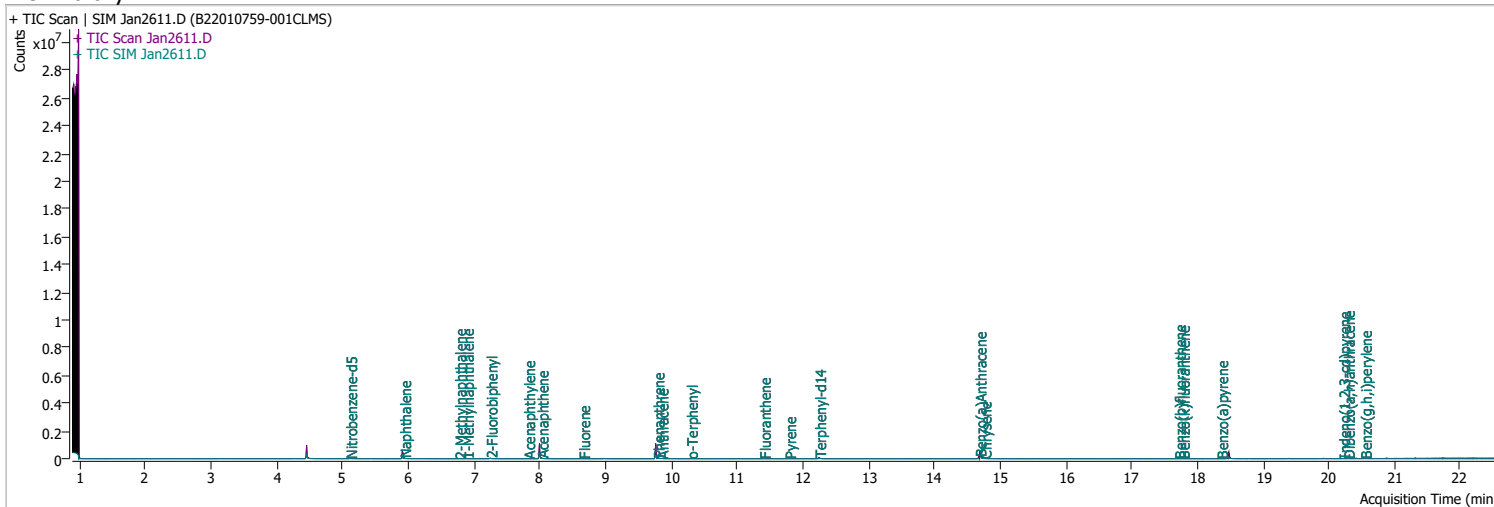
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.54	277.0	24.8	138.0	20.5



# Quantitation Results Report (QT Reviewed)

Data File	Jan2611.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/26/2022 10:10:29 PM
Sample Name	B22010759-001CLMS	Instrument	GCMS
Vial	11	Multiplier	20.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.460	152.0	114677	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	221894	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	142840	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	305340	40.0000	ng/ml	0.000
M Chrysene-d12	14.702	240.0	241832	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	153925	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	8676	64.4190	ng/ml	0.000
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 1288.38%	*	
S 2-Fluorobiphenyl	7.252	172.0	18625	66.4944	ng/ml	0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1329.89%	*	
S o-Terphenyl	10.299	230.0	1162	4.2473	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 84.95%		
S Terphenyl-d14	12.251	244.0	20528	102.6846	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 2053.69%	*	
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	1171	3.4419	ng/ml	57
T 2-Methylnaphthalene	6.777	141.0	781	3.8625	ng/ml	84
T 1-Methylnaphthalene	6.890	141.0	779	3.5298	ng/ml	m 97
T Acenaphthylene	7.826	152.0	1446	3.7255	ng/ml	95
T Acenaphthene	8.025	154.0	1122	4.3449	ng/ml	m 90
T Fluorene	8.661	166.0	1396	4.1453	ng/ml	97
T Phenanthrene	9.793	178.0	2295	4.5730	ng/ml	98
T Anthracene	9.854	178.0	2057	4.4172	ng/ml	99
T Fluoranthene	11.411	202.0	2408	4.4461	ng/ml	99
T Pyrene	11.794	202.0	2669	4.5345	ng/ml	99
T Benzo(a)Anthracene	14.689	228.0	2787	4.5932	ng/ml	89
T Chrysene	14.764	228.0	2554	4.2097	ng/ml	95
T Benzo(b)fluoranthene	17.721	252.0	1441	4.4969	ng/ml	96

# Quantitation Results Report (QT Reviewed)

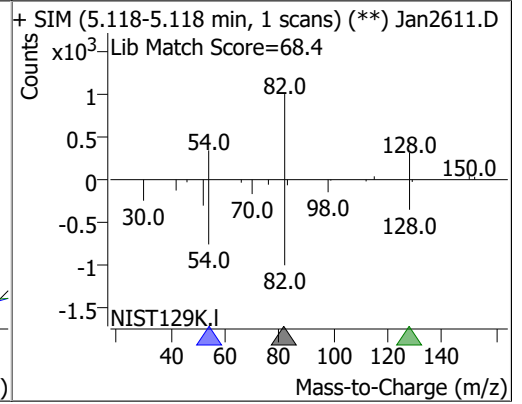
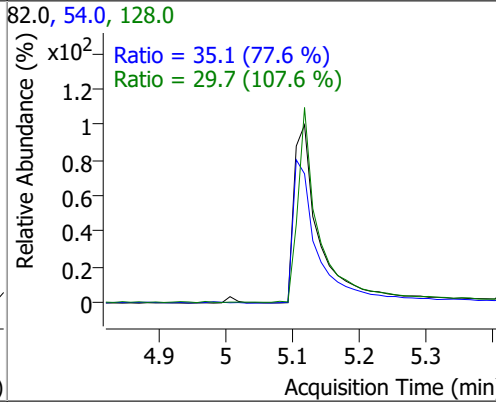
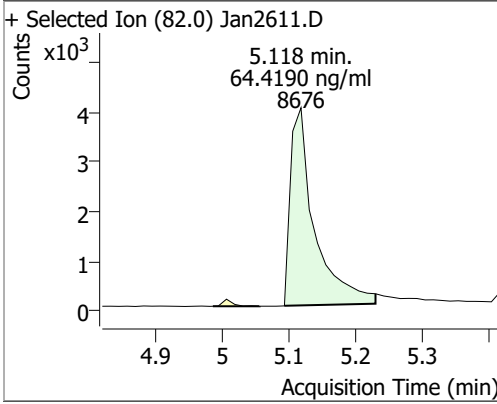
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.783	252.0	1512	3.2229	ng/ml	# 85
T Benzo(a)pyrene	18.363	252.0	1083	3.8911	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.217	276.0	1013	4.1503	ng/ml	96
T Dibenzo(a,h)anthracene	20.291	278.0	1279	4.2964	ng/ml	92
T Benzo(g,h,i)perylene	20.550	276.0	1609	4.2148	ng/ml	96

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

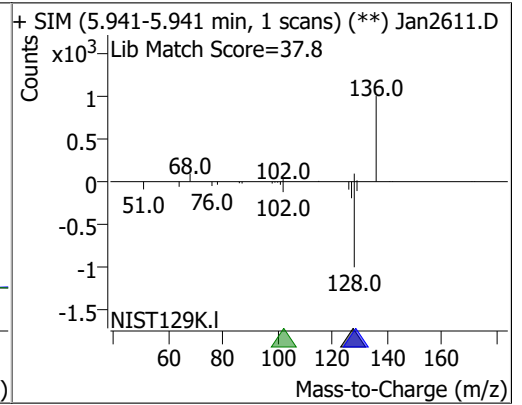
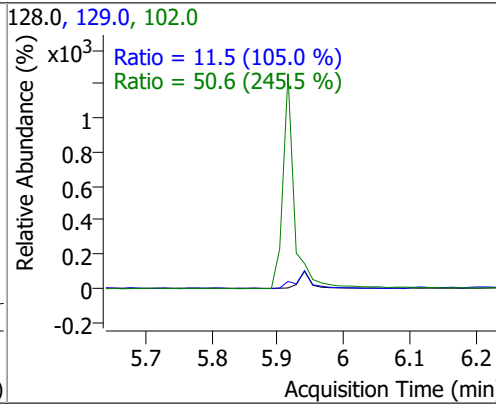
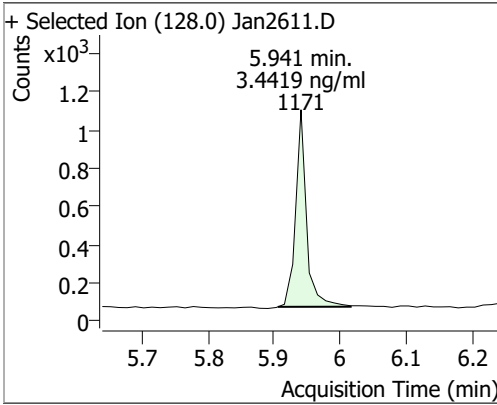


# Quantitation Results Report (QT Reviewed)

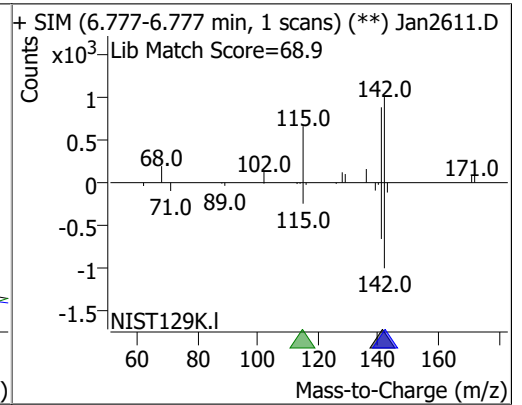
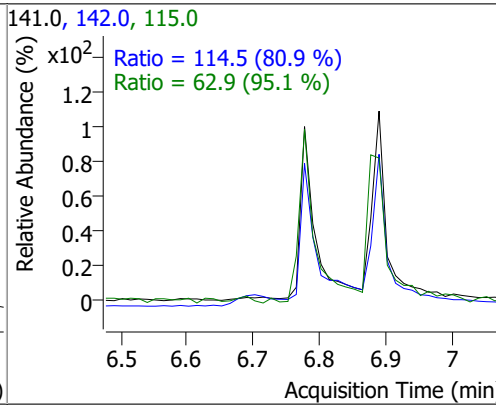
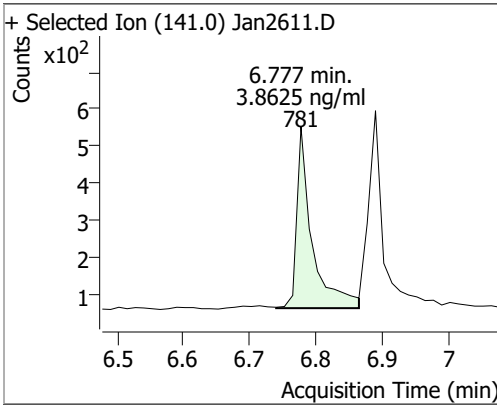
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	64.4190	5.12	0.00	8676	54.0	35.1	31.6	58.8
					128.0	29.7	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.4419	5.94	0.00	1171	102.0	50.6	0.0	61.8
					129.0	11.5	7.7	14.3

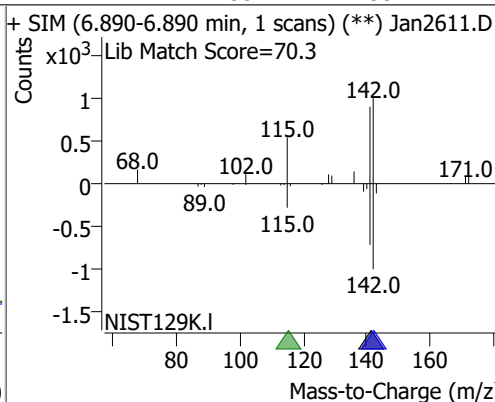
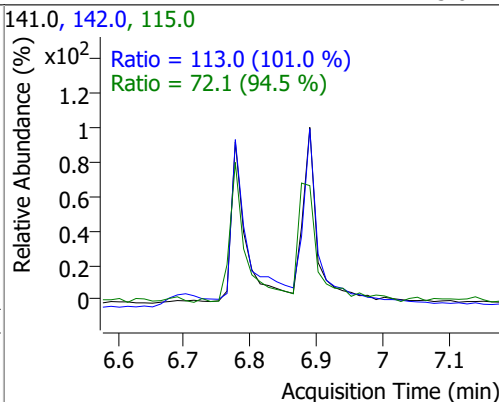
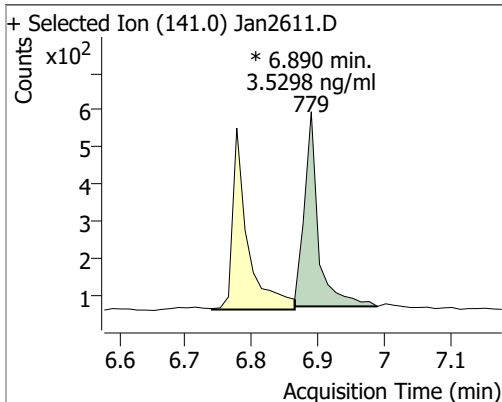


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.8625	6.78	0.00	781	142.0	114.5	99.1	184.0
					115.0	62.9	46.3	86.0

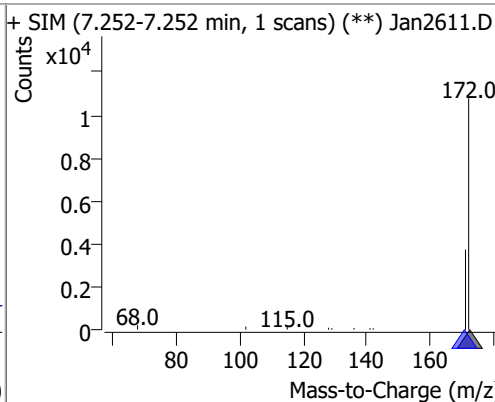
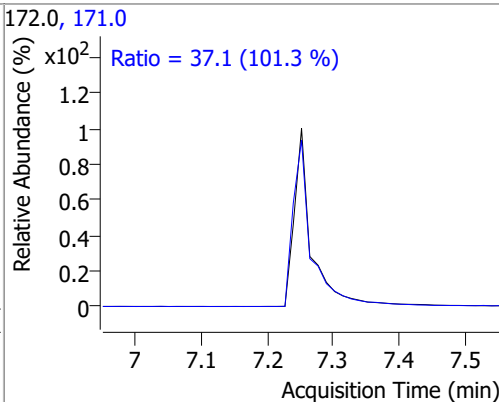
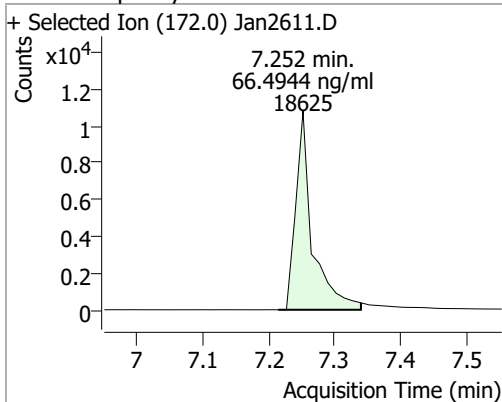


# Quantitation Results Report (QT Reviewed)

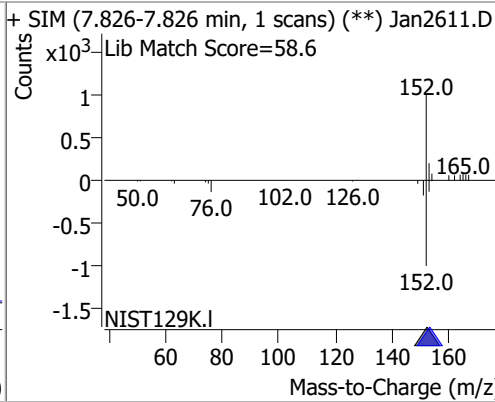
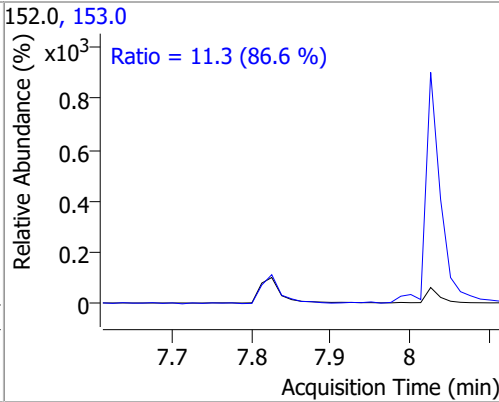
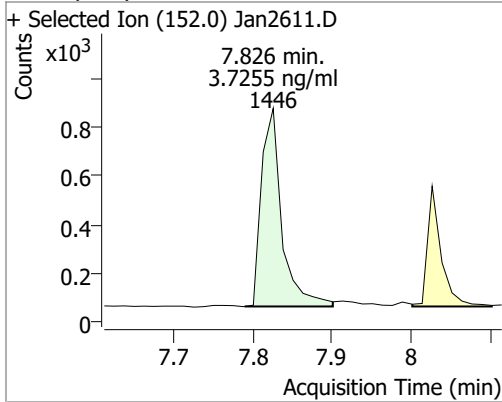
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	3.5298	6.89	0.01	779 (m)	142.0	113.0	78.3	145.5
					115.0	72.1	53.4	99.2



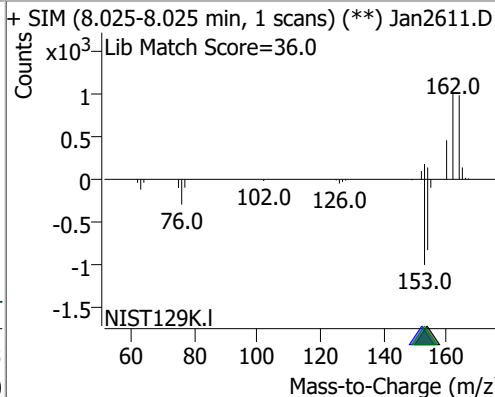
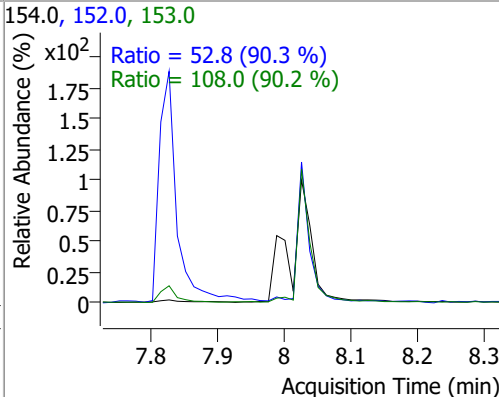
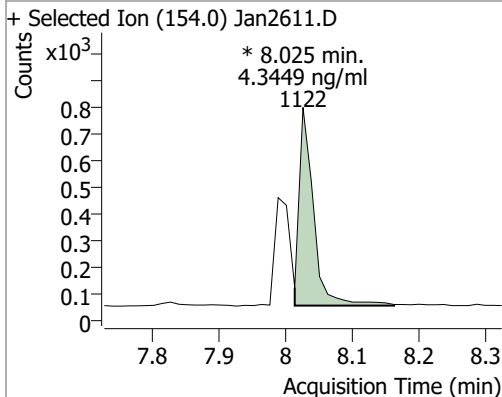
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	66.4944	7.25	0.00	18625	171.0	37.1	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	3.7255	7.83	0.01	1446	153.0	11.3	9.1	17.0

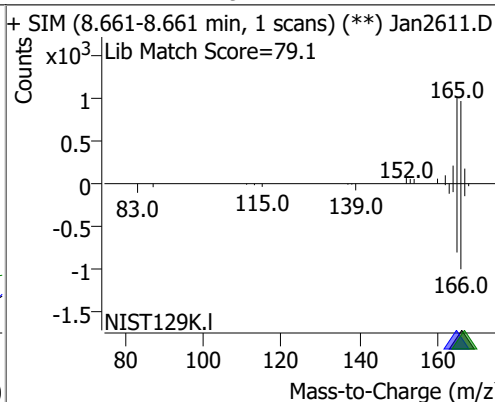
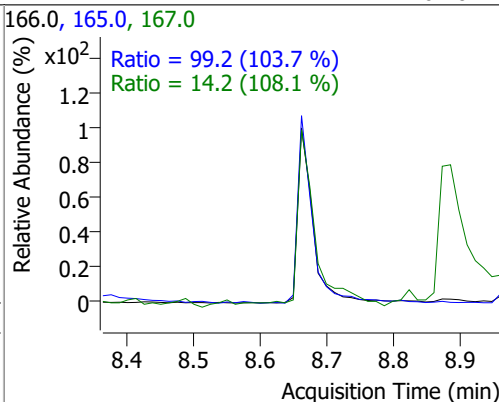
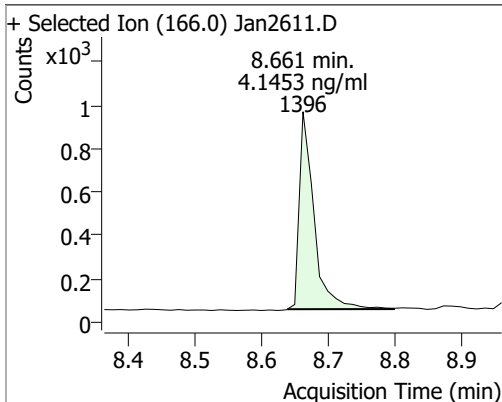


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	4.3449	8.03	0.00	1122 (m)	153.0	108.0	83.9	155.8
					152.0	52.8	40.9	76.0

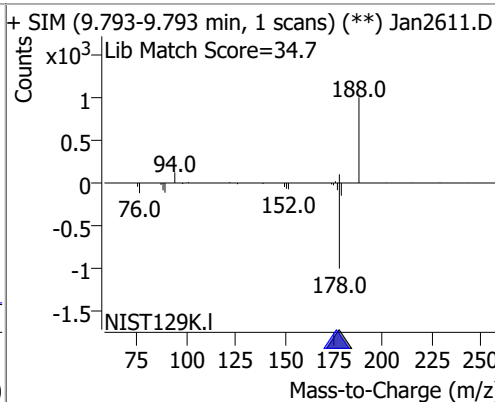
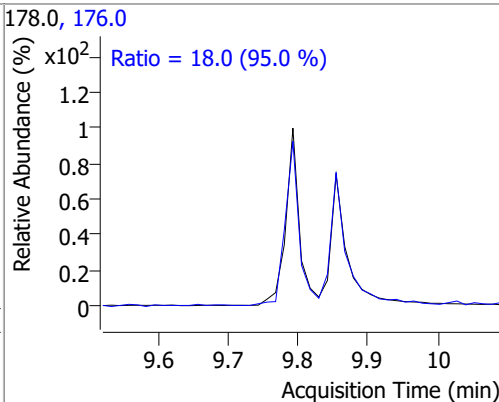
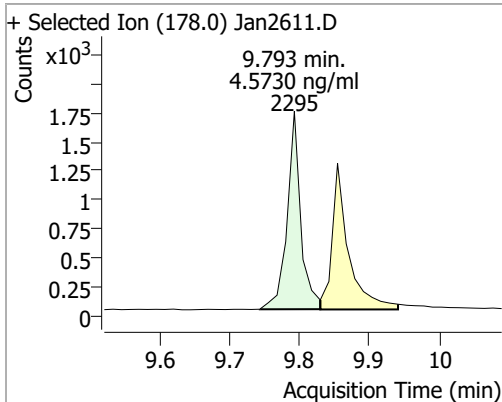


# Quantitation Results Report (QT Reviewed)

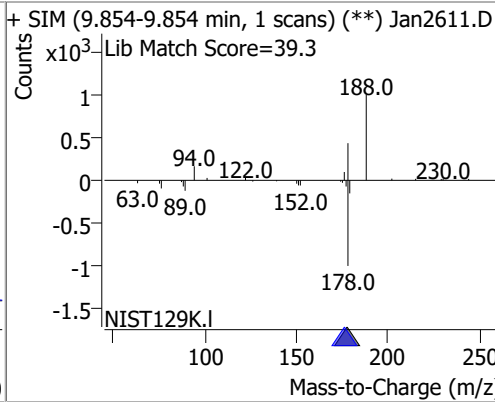
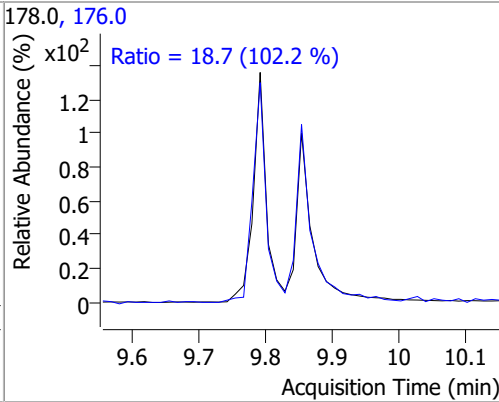
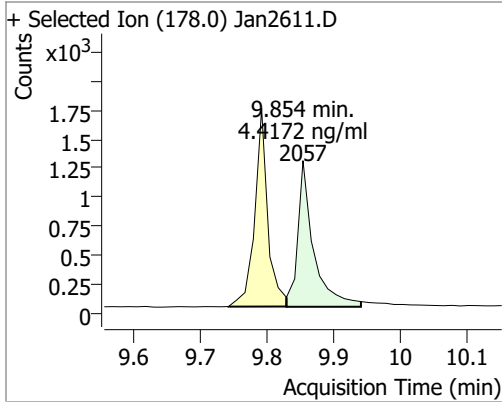
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	4.1453	8.66	0.00	1396	165.0	99.2	67.0	124.5
					167.0	14.2	9.2	17.1



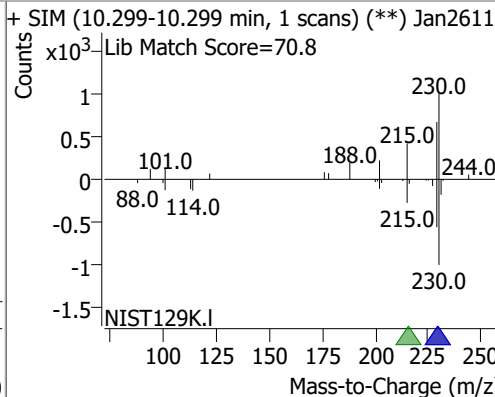
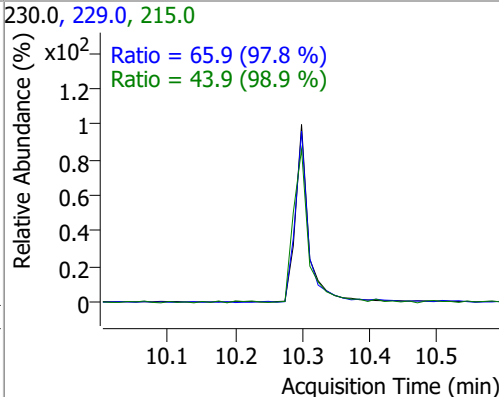
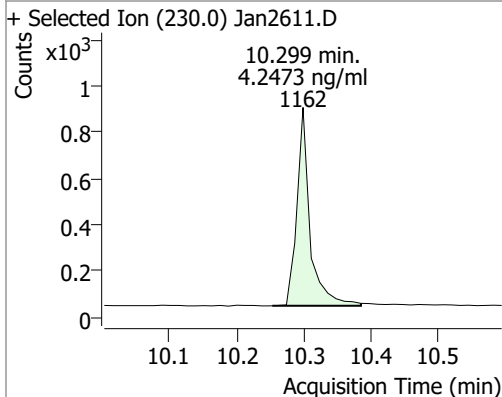
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.5730	9.79	0.00	2295	176.0	18.0	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.4172	9.85	0.00	2057	176.0	18.7	12.8	23.8

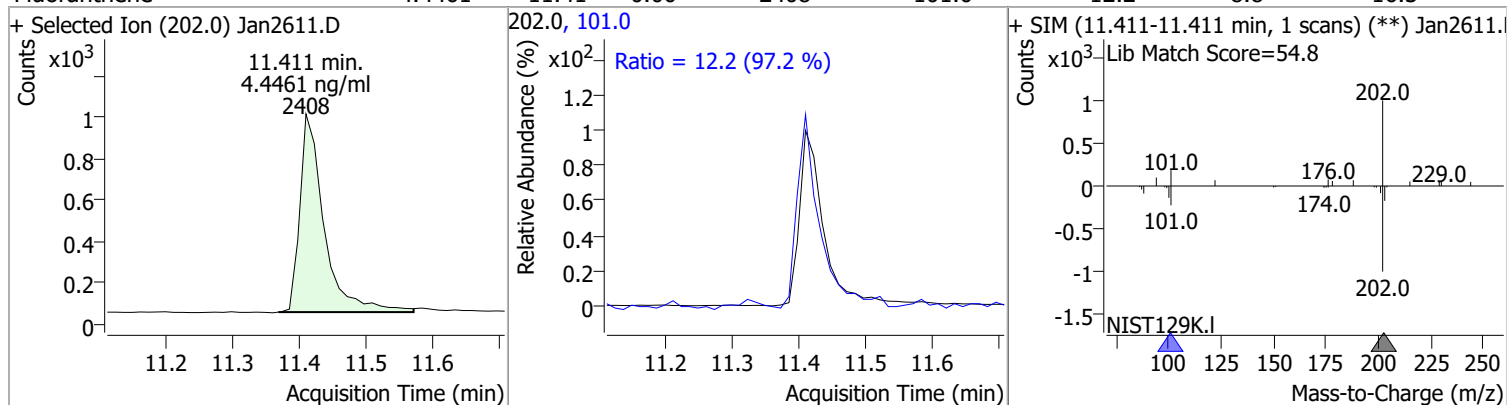


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.2473	10.30	0.00	1162	229.0	65.9	47.1	87.5
					215.0	43.9	31.1	57.7

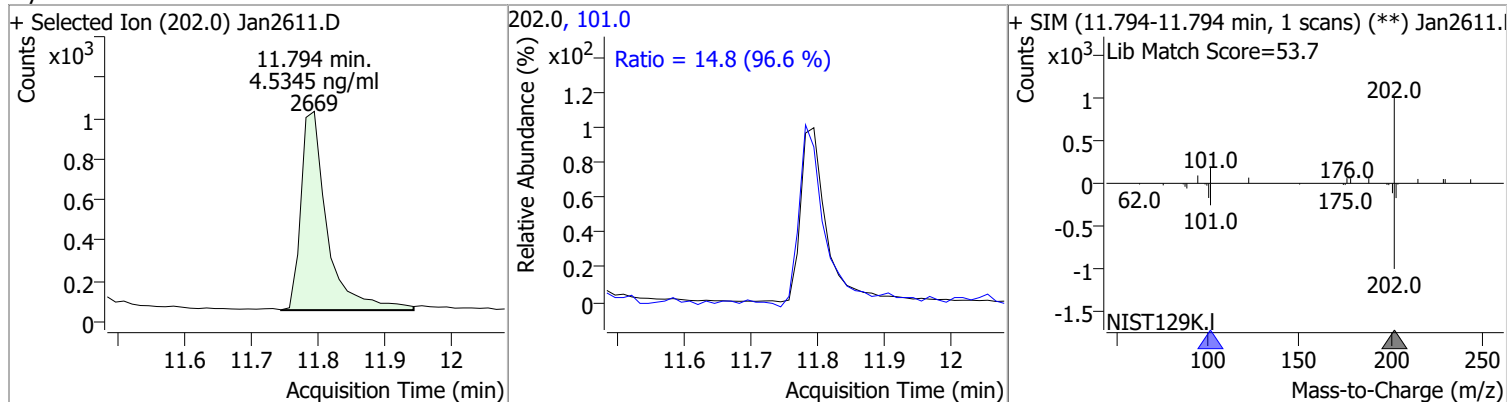


# Quantitation Results Report (QT Reviewed)

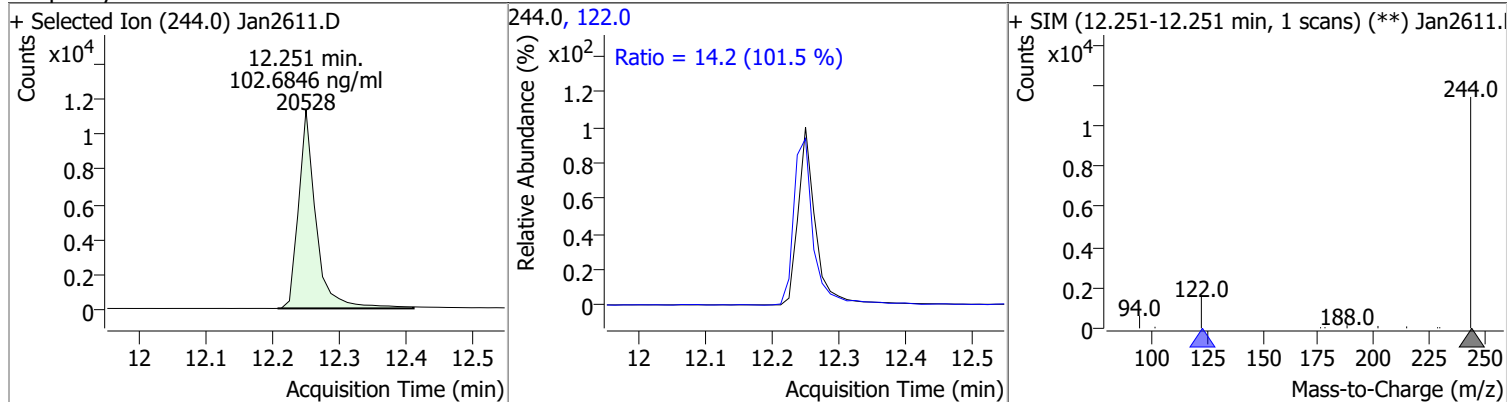
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.4461	11.41	0.00	2408	101.0	12.2	8.8	16.3



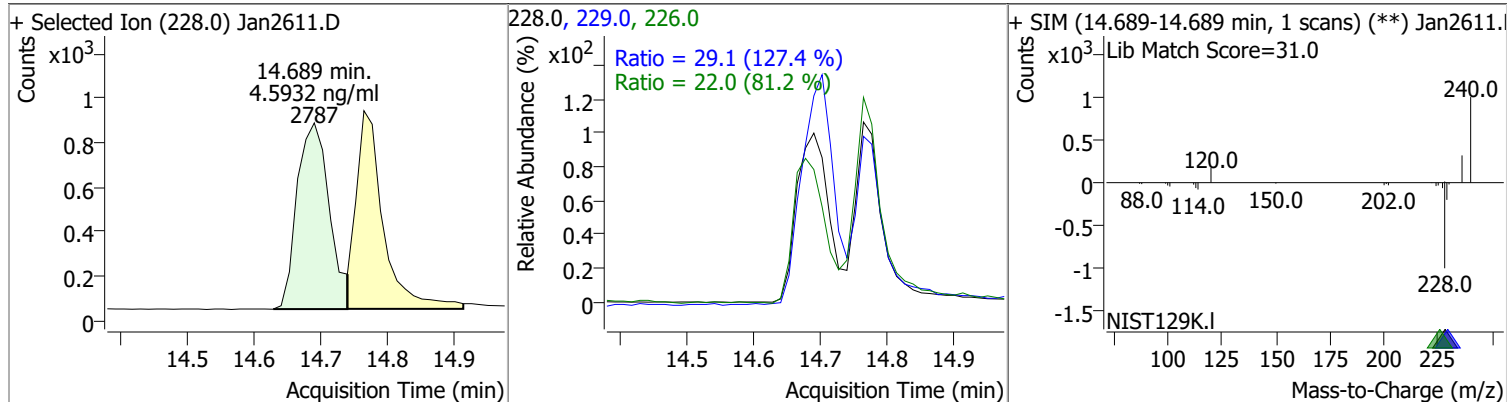
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.5345	11.79	0.01	2669	101.0	14.8	10.8	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	102.6846	12.25	0.00	20528	122.0	14.2	9.8	18.2

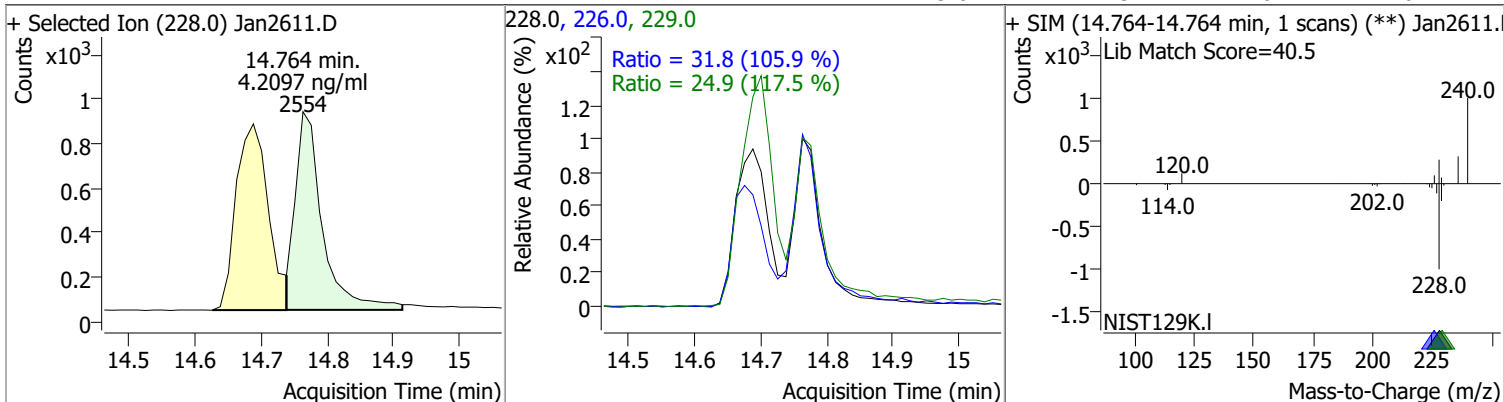


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	4.5932	14.69	0.01	2787	226.0 229.0	22.0 29.1	19.0 16.0	35.2 29.7

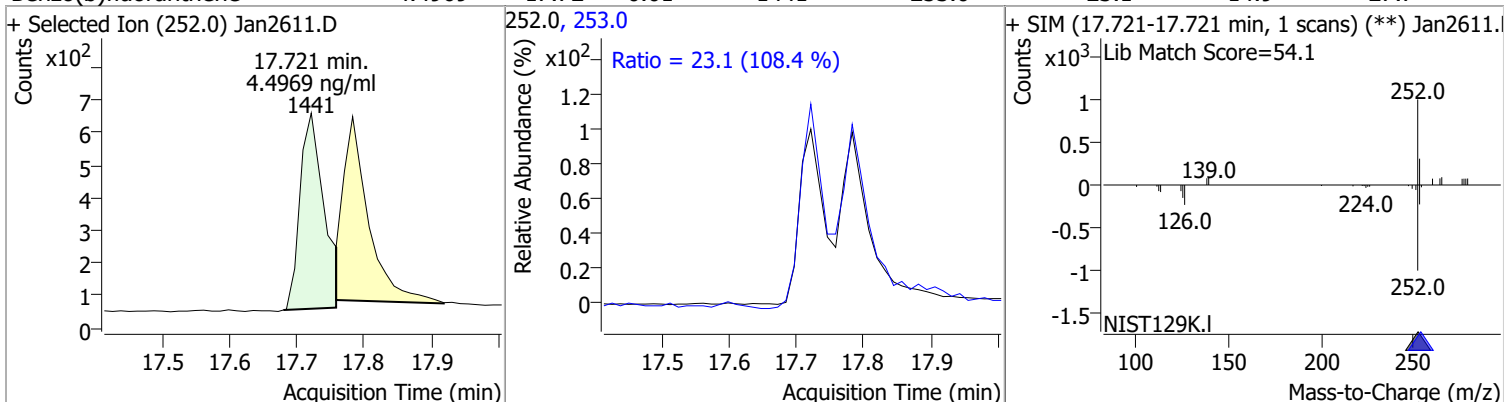


# Quantitation Results Report (QT Reviewed)

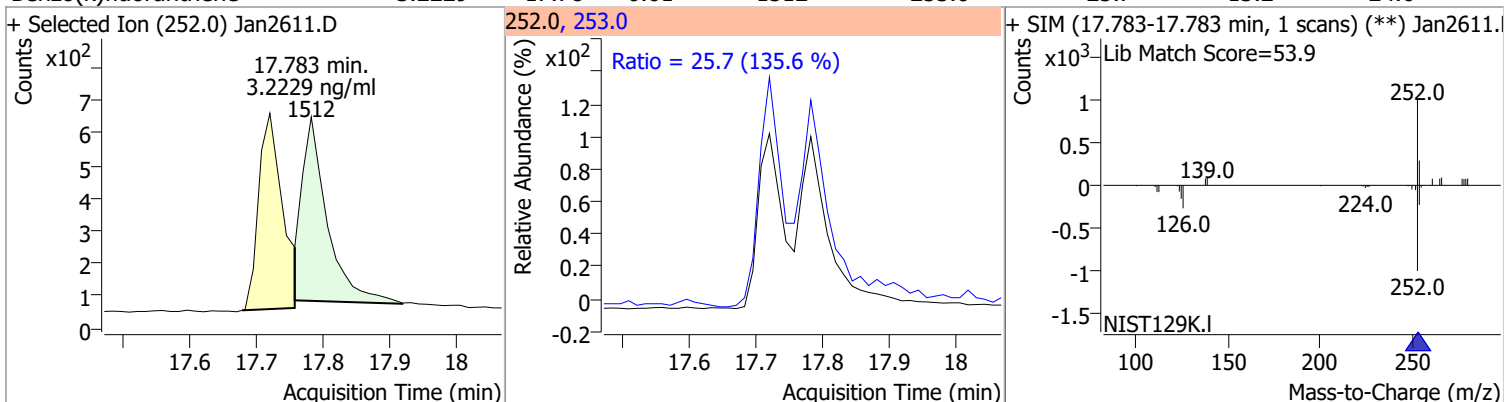
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	4.2097	14.76	0.00	2554	226.0	31.8	21.0	39.1
					229.0	24.9	14.8	27.6



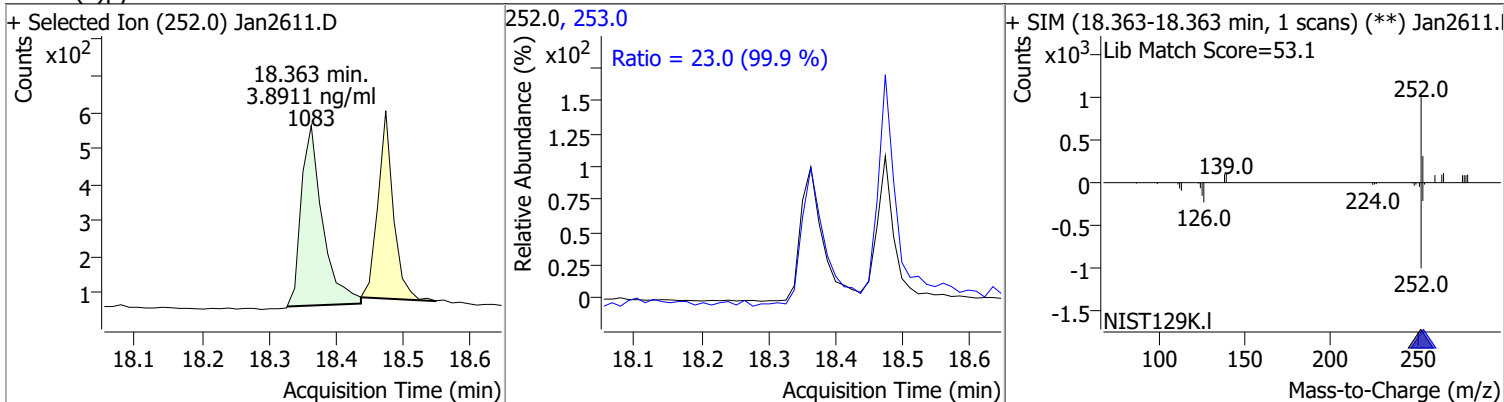
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	4.4969	17.72	0.01	1441	253.0	23.1	14.9	27.7



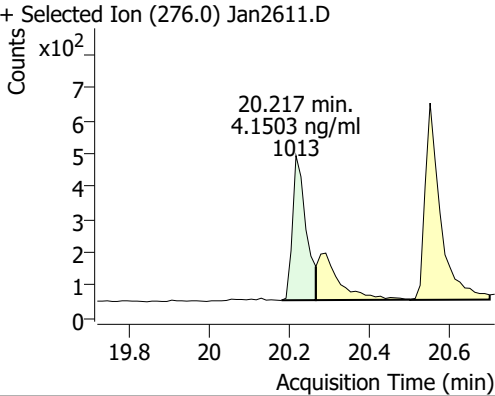
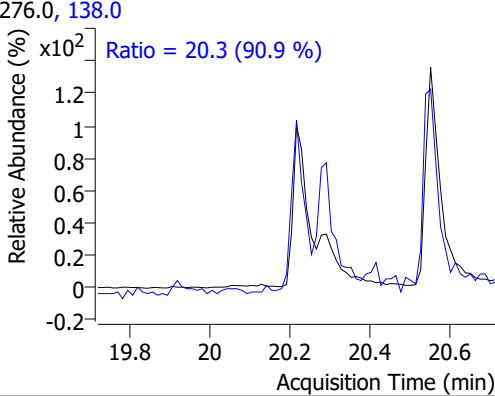
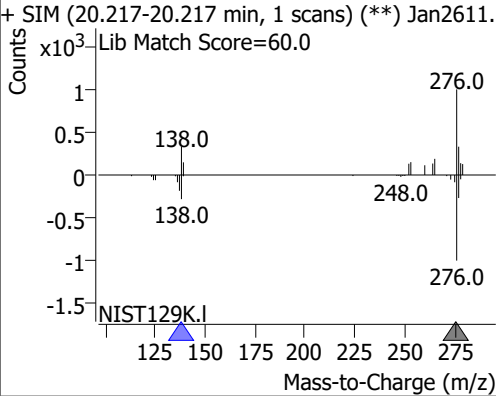
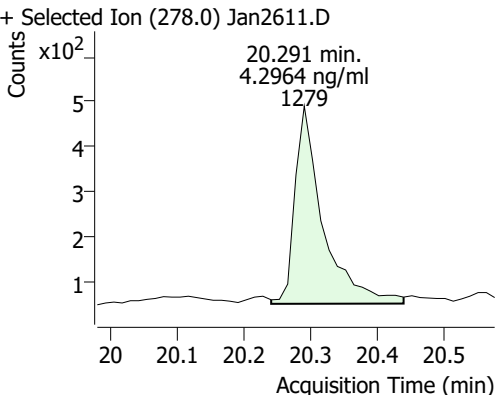
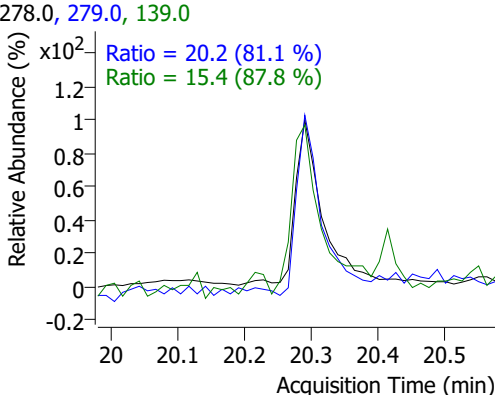
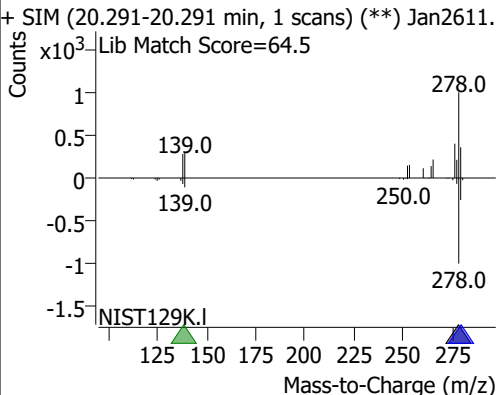
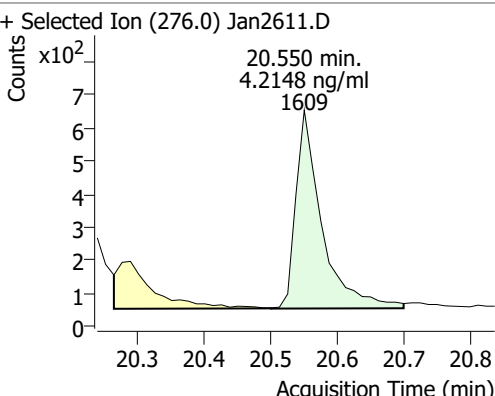
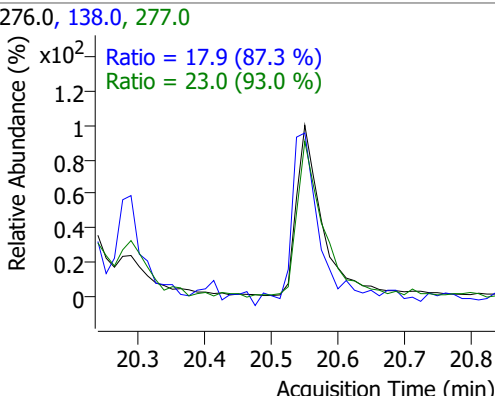
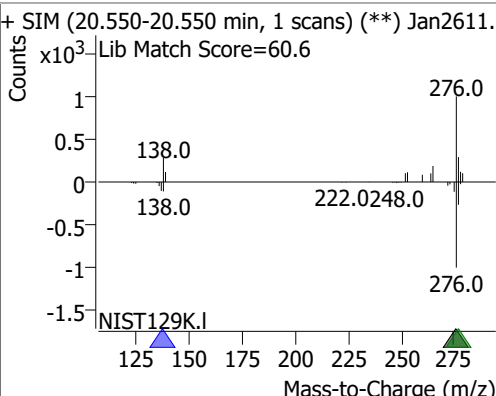
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	3.2229	17.78	0.01	1512	253.0	25.7	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	3.8911	18.36	0.01	1083	253.0	23.0	16.1	29.9



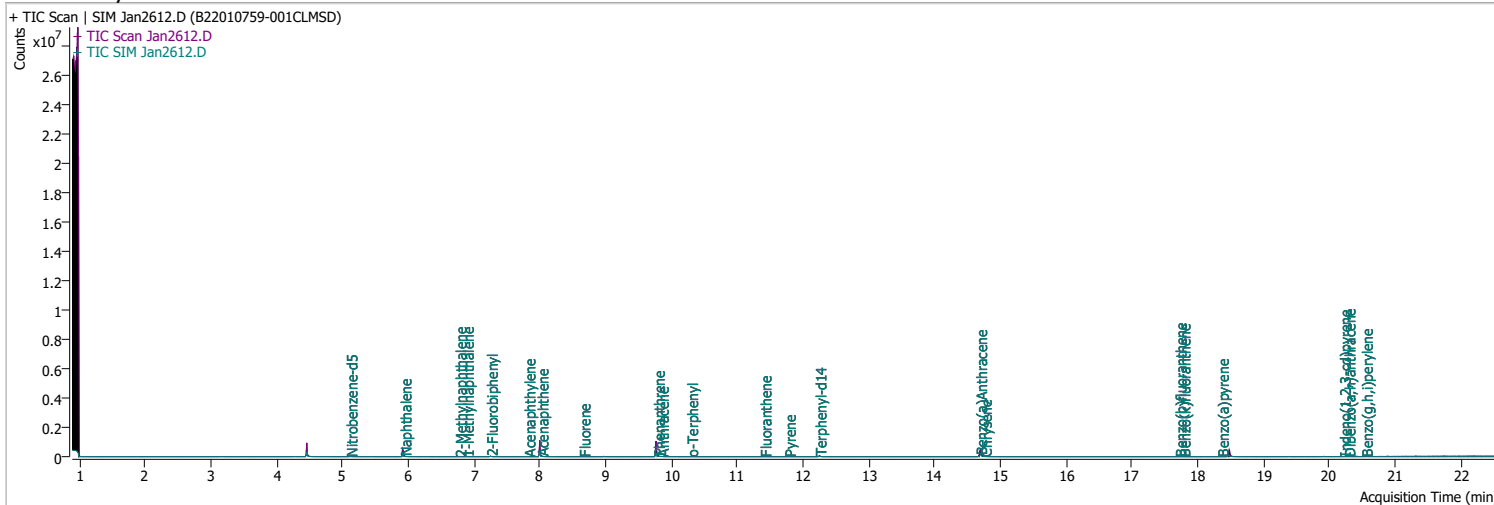
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	4.1503	20.22	0.00	1013	138.0	20.3	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2611.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 20.3 (90.9 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.217-20.217 min, 1 scans) (**) Jan2611.D</p> <p>Lib Match Score=60.0</p>  </div> </div>								
Dibenzo(a,h)anthracene	4.2964	20.29	0.01	1279	279.0	20.2	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2611.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 20.2 (81.1 %)</p> <p>Ratio = 15.4 (87.8 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.291-20.291 min, 1 scans) (**) Jan2611.D</p> <p>Lib Match Score=64.5</p>  </div> </div>								
Benzo(g,h,i)perylene	4.2148	20.55	0.01	1609	277.0	23.0	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2611.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 17.9 (87.3 %)</p> <p>Ratio = 23.0 (93.0 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.550-20.550 min, 1 scans) (**) Jan2611.D</p> <p>Lib Match Score=60.6</p>  </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan2612.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/26/2022 10:42:54 PM
Sample Name	B22010759-001CLMSD	Instrument	GCMS
Vial	12	Multiplier	20.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.460	152.0	114717	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	208042	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.000	164.0	133847	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	293523	40.0000	ng/ml	0.000
M Chrysene-d12	14.701	240.0	237724	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	149798	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.118	82.0	10828	78.1741	ng/ml	0.000
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 1563.48%	*	
S 2-Fluorobiphenyl	7.252	172.0	17364	66.1567	ng/ml	0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1323.13%	*	
S o-Terphenyl	10.299	230.0	998	3.7006	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 74.01%		
S Terphenyl-d14	12.251	244.0	18194	92.7722	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1855.44%	*	
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	1111	3.4897	ng/ml	55
T 2-Methylnaphthalene	6.777	141.0	753	3.9901	ng/ml	87
T 1-Methylnaphthalene	6.890	141.0	725	3.4978	ng/ml	m 92
T Acenaphthylene	7.826	152.0	1390	3.8454	ng/ml	96
T Acenaphthene	8.025	154.0	1065	4.4124	ng/ml	m 90
T Fluorene	8.661	166.0	1355	4.3254	ng/ml	95
T Phenanthrene	9.793	178.0	2089	4.2532	ng/ml	98
T Anthracene	9.854	178.0	1878	4.1481	ng/ml	98
T Fluoranthene	11.411	202.0	2161	4.0958	ng/ml	98
T Pyrene	11.781	202.0	2331	3.9216	ng/ml	95
T Benzo(a)Anthracene	14.689	228.0	2595	4.1173	ng/ml	89
T Chrysene	14.764	228.0	2161	3.4456	ng/ml	94
T Benzo(b)fluoranthene	17.721	252.0	1131	3.5010	ng/ml	97

# Quantitation Results Report (QT Reviewed)

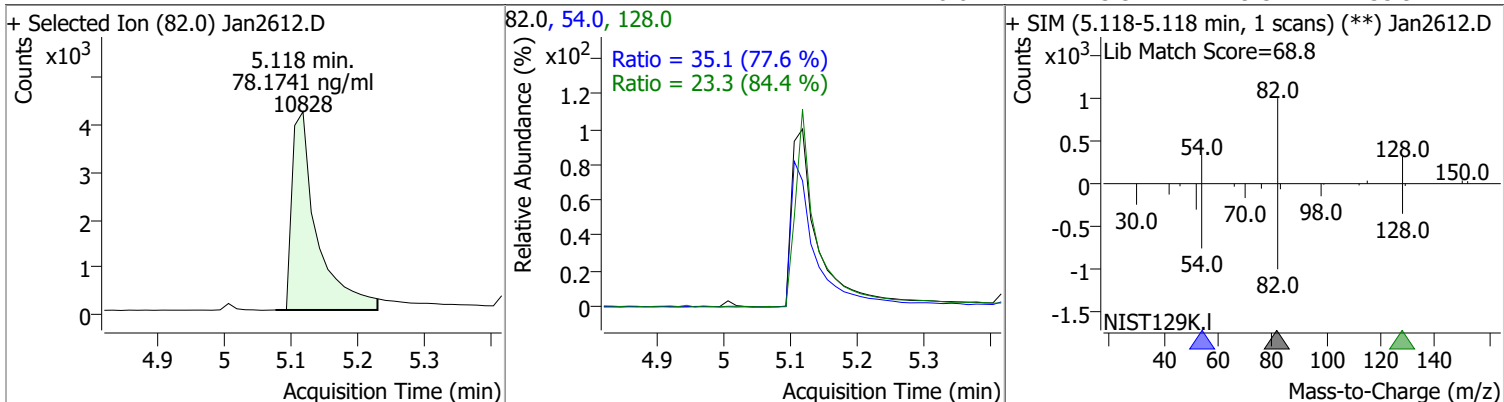
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.783	252.0	1489	3.2766	ng/ml	94
T Benzo(a)pyrene	18.363	252.0	943	3.4066	ng/ml	95
T Indeno(1,2,3-cd)pyrene	20.217	276.0	866	3.5577	ng/ml    m	94
T Dibenzo(a,h)anthracene	20.291	278.0	1092	3.6614	ng/ml	95
T Benzo(g,h,i)perylene	20.550	276.0	1351	3.5133	ng/ml	98

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

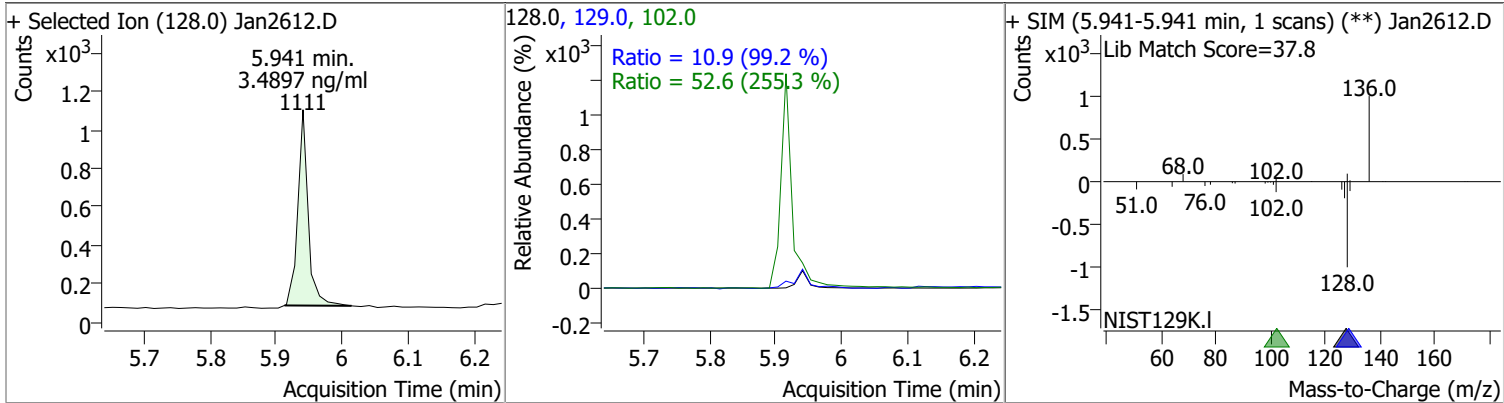


# Quantitation Results Report (QT Reviewed)

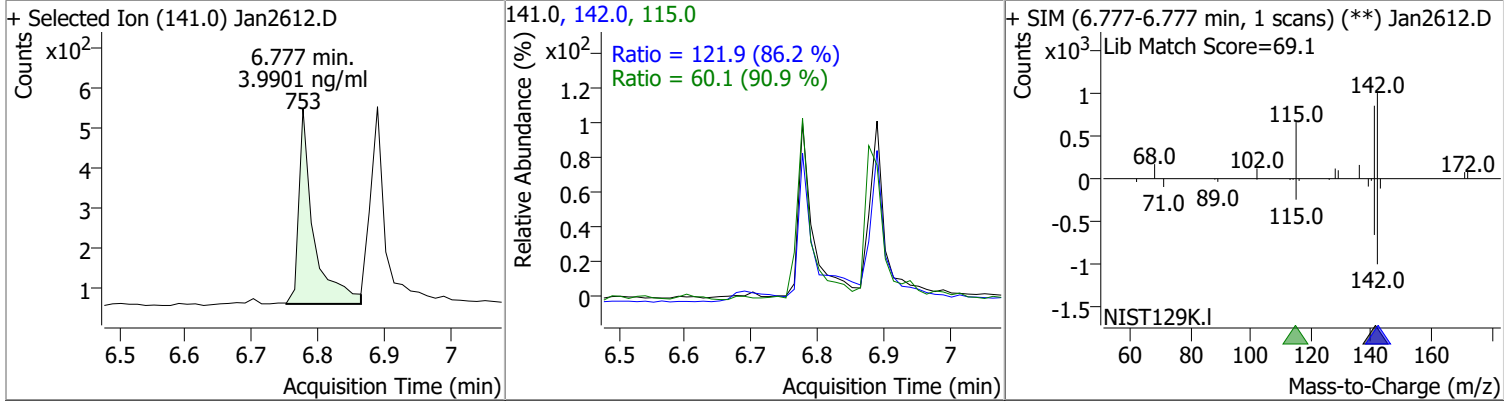
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	78.1741	5.12	0.00	10828	54.0	35.1	31.6	58.8
					128.0	23.3	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.4897	5.94	0.00	1111	102.0	52.6	0.0	61.8
					129.0	10.9	7.7	14.3

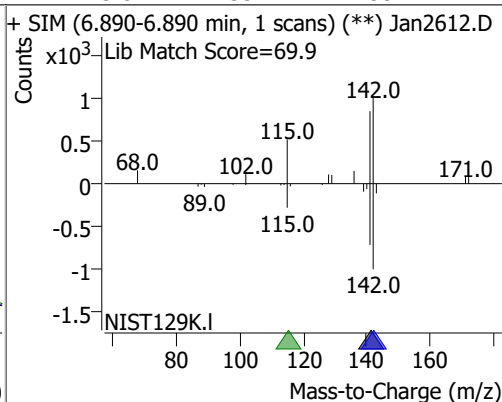
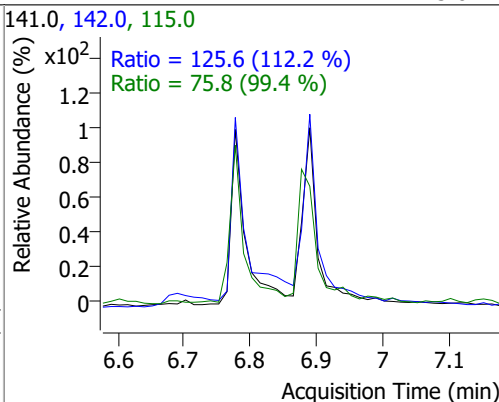
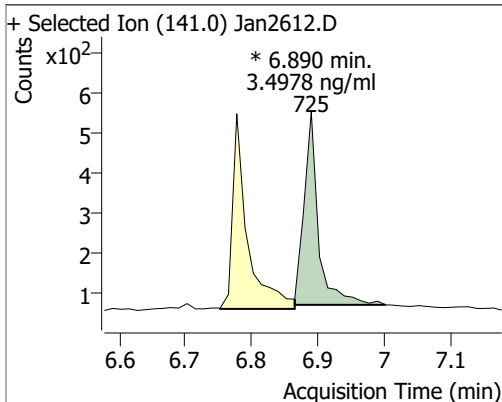


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.9901	6.78	0.00	753	142.0	121.9	99.1	184.0
					115.0	60.1	46.3	86.0

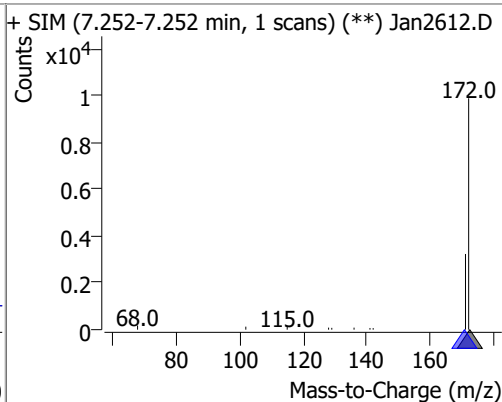
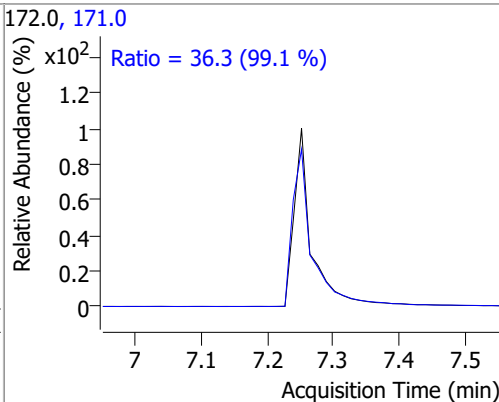
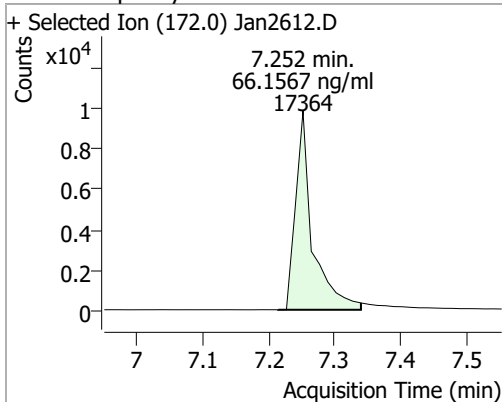


# Quantitation Results Report (QT Reviewed)

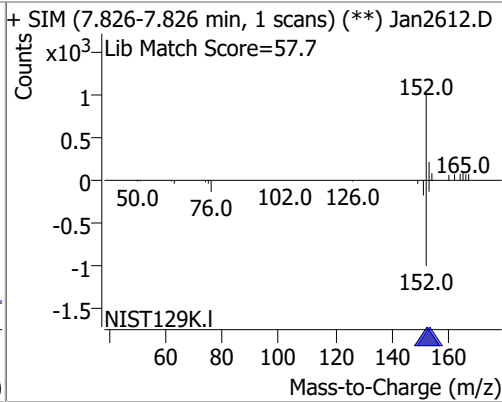
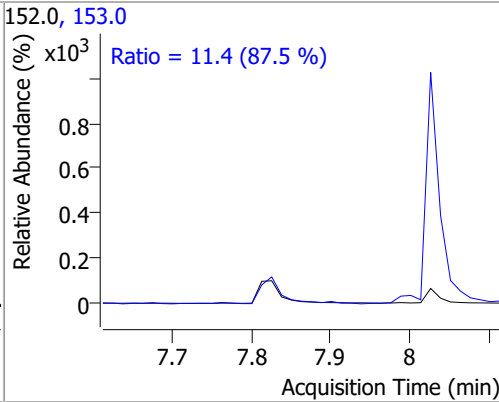
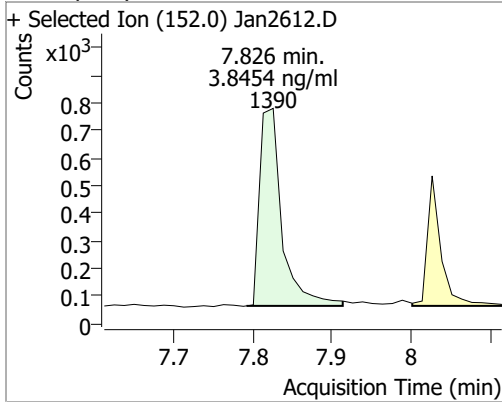
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	3.4978	6.89	0.01	725 (m)	142.0	125.6	78.3	145.5
					115.0	75.8	53.4	99.2



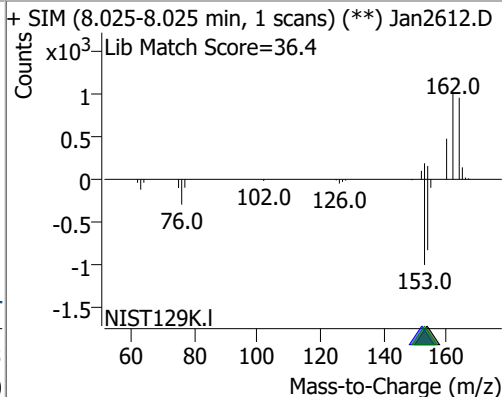
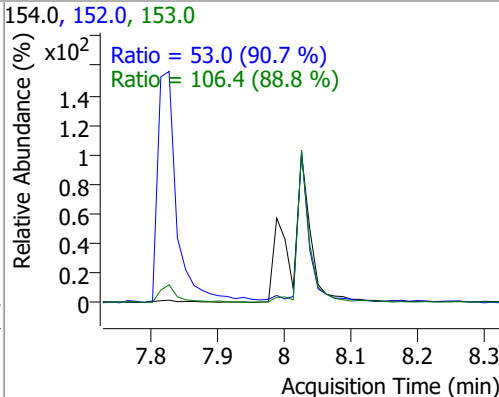
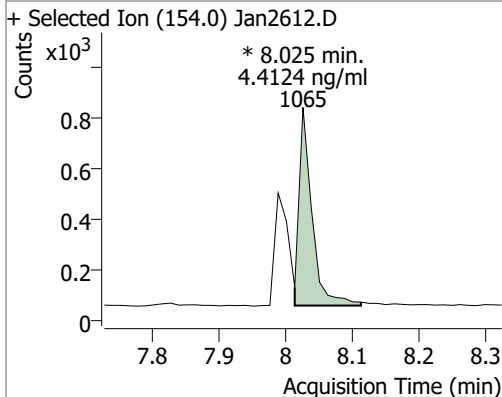
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	66.1567	7.25	0.00	17364	171.0	36.3	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	3.8454	7.83	0.01	1390	153.0	11.4	9.1	17.0

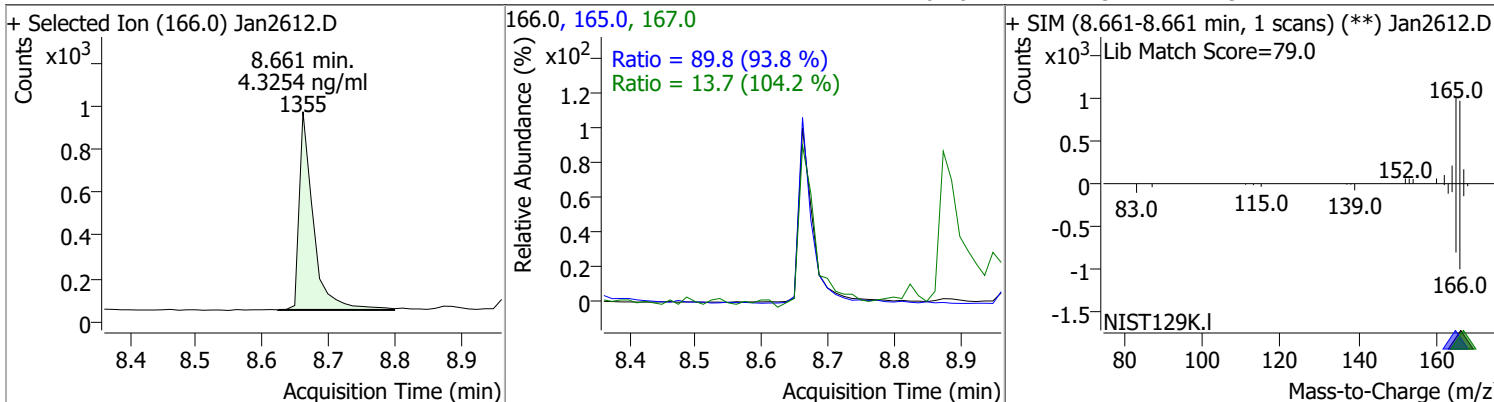


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	4.4124	8.03	0.00	1065 (m)	153.0	106.4	83.9	155.8
					152.0	53.0	40.9	76.0

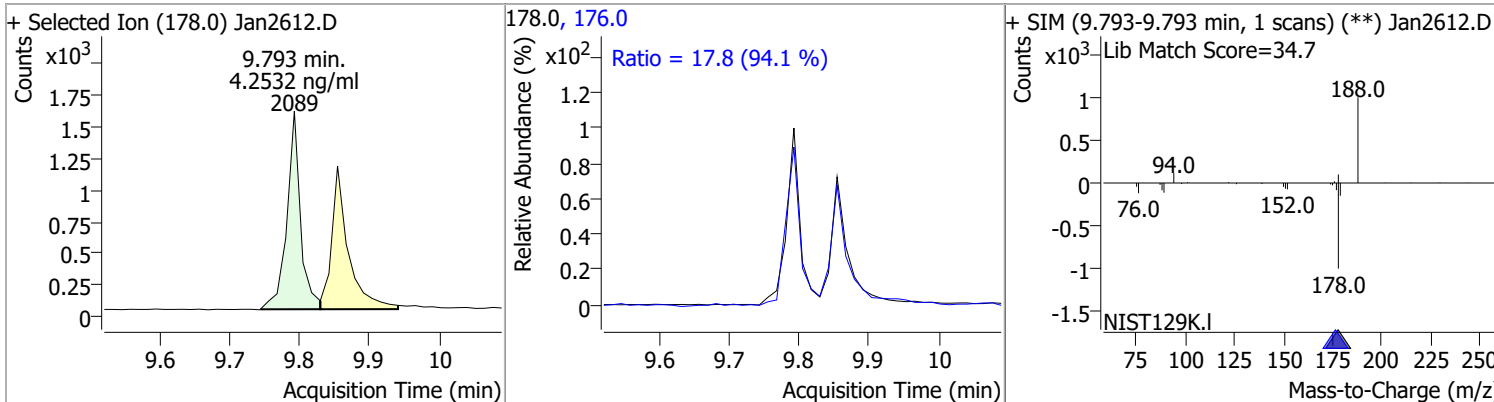


# Quantitation Results Report (QT Reviewed)

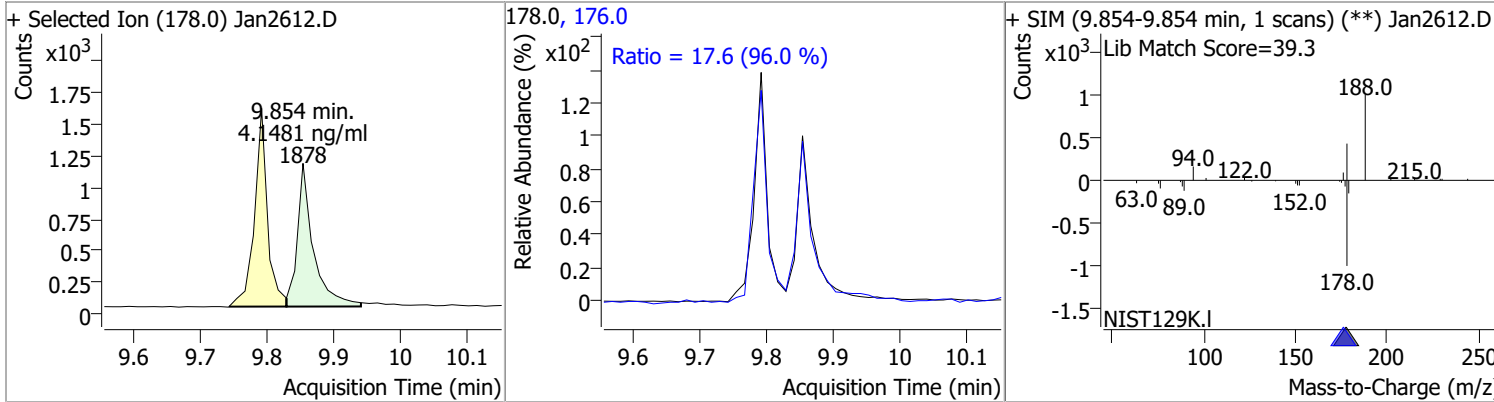
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	4.3254	8.66	0.00	1355	165.0 167.0	89.8 13.7	67.0 9.2	124.5 17.1



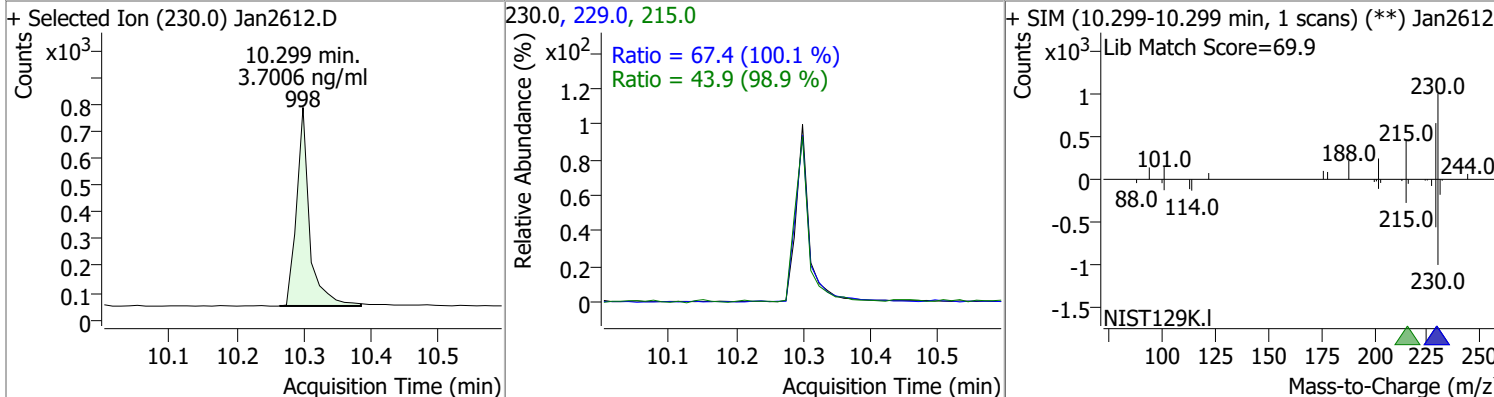
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.2532	9.79	0.00	2089	176.0	17.8	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.1481	9.85	0.00	1878	176.0	17.6	12.8	23.8

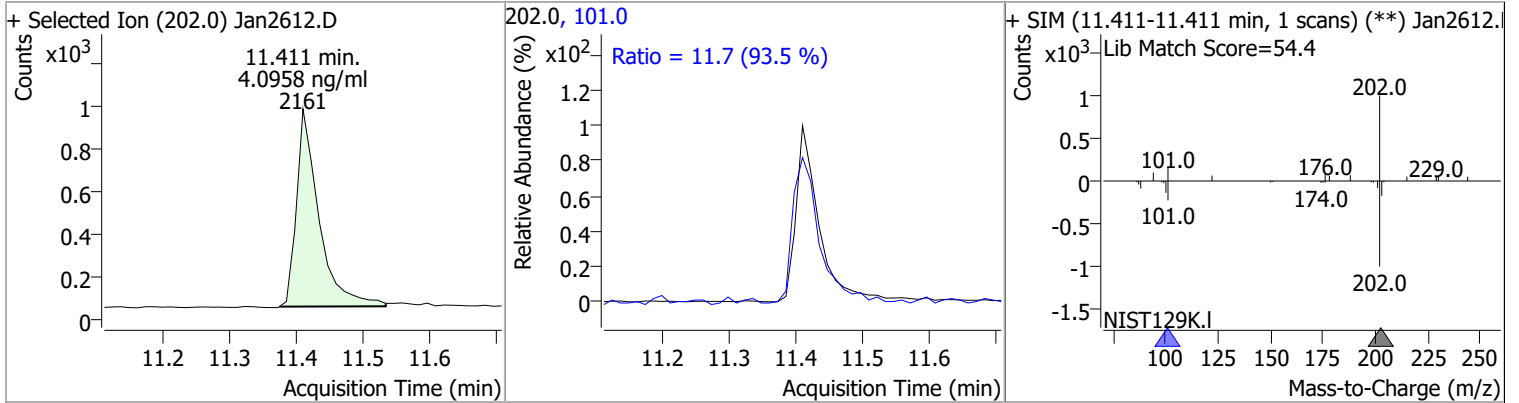


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	3.7006	10.30	0.00	998	229.0 215.0	67.4 43.9	47.1 31.1	87.5 57.7

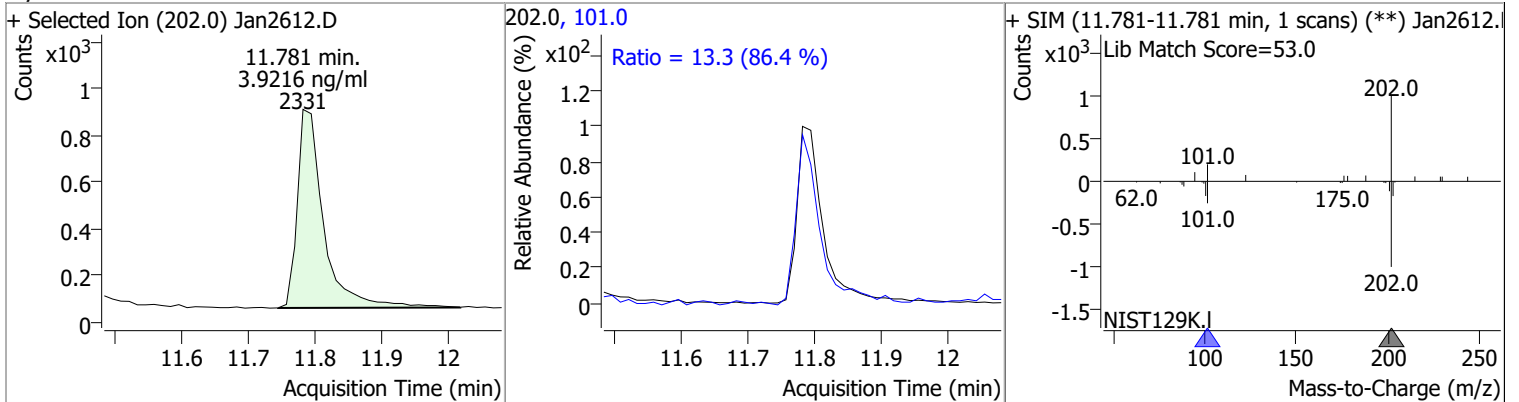


# Quantitation Results Report (QT Reviewed)

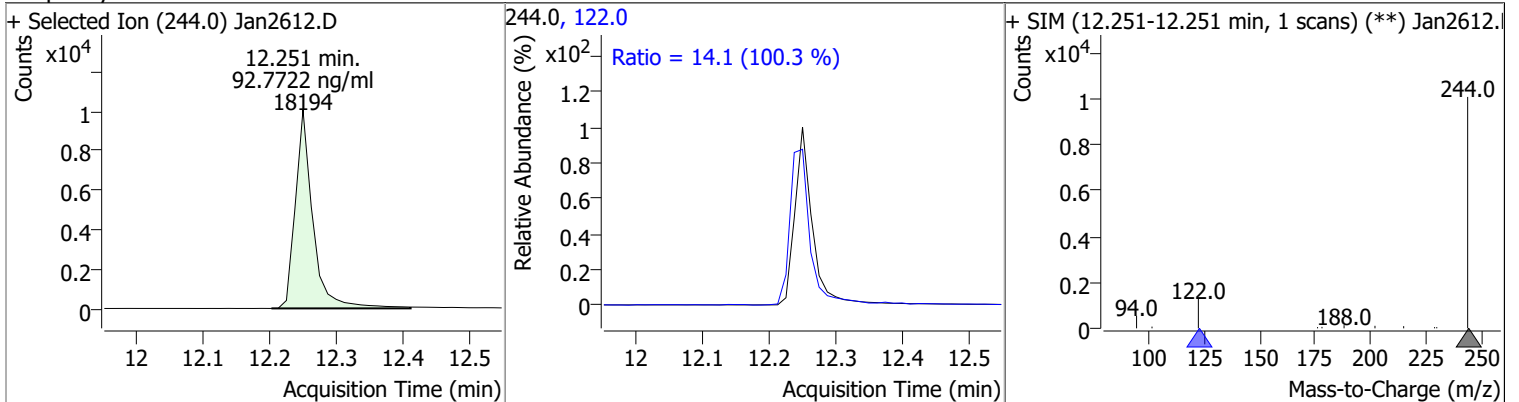
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
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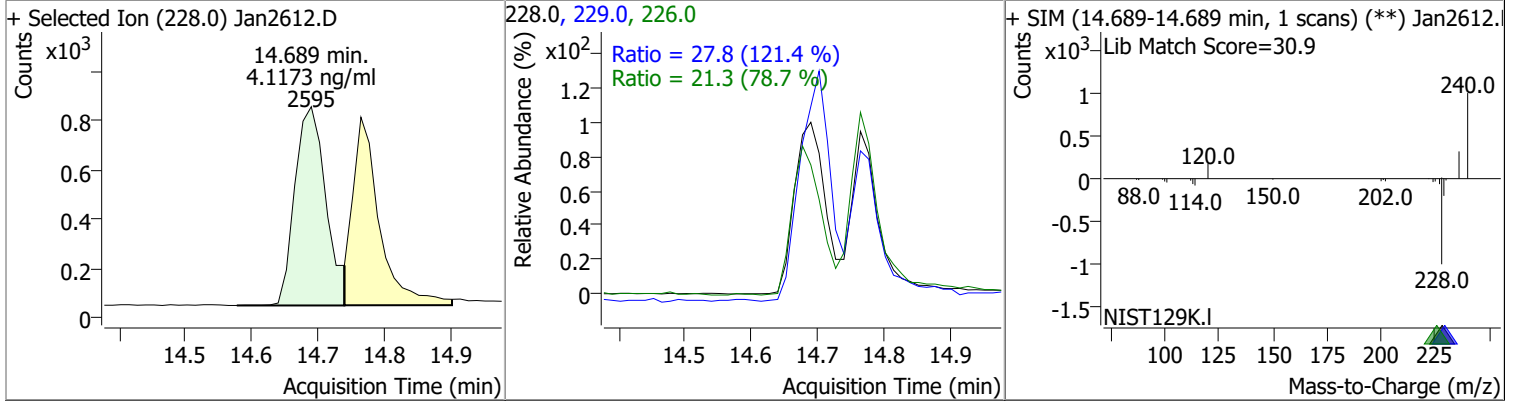
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
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Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
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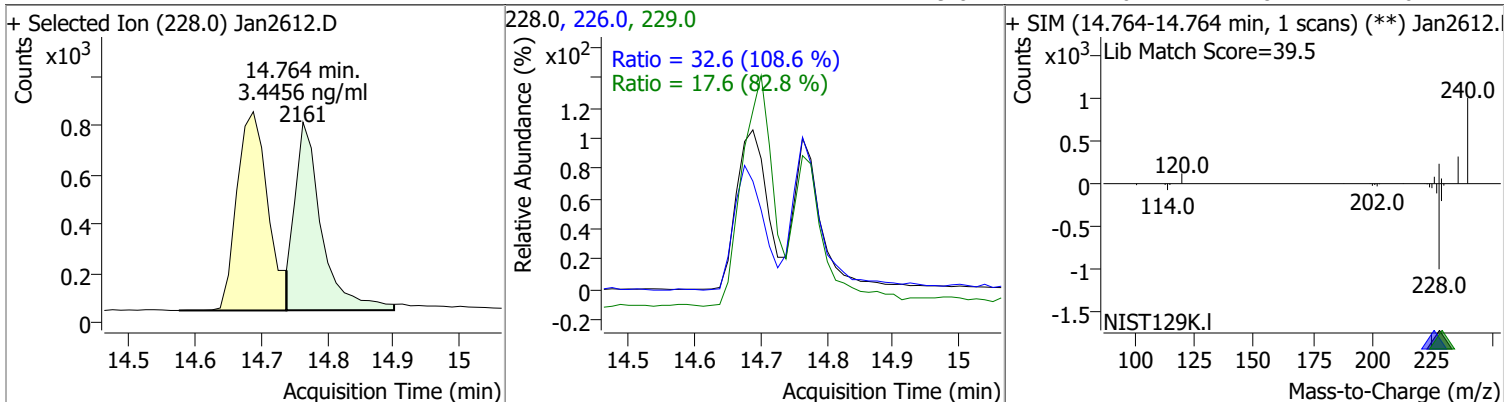


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
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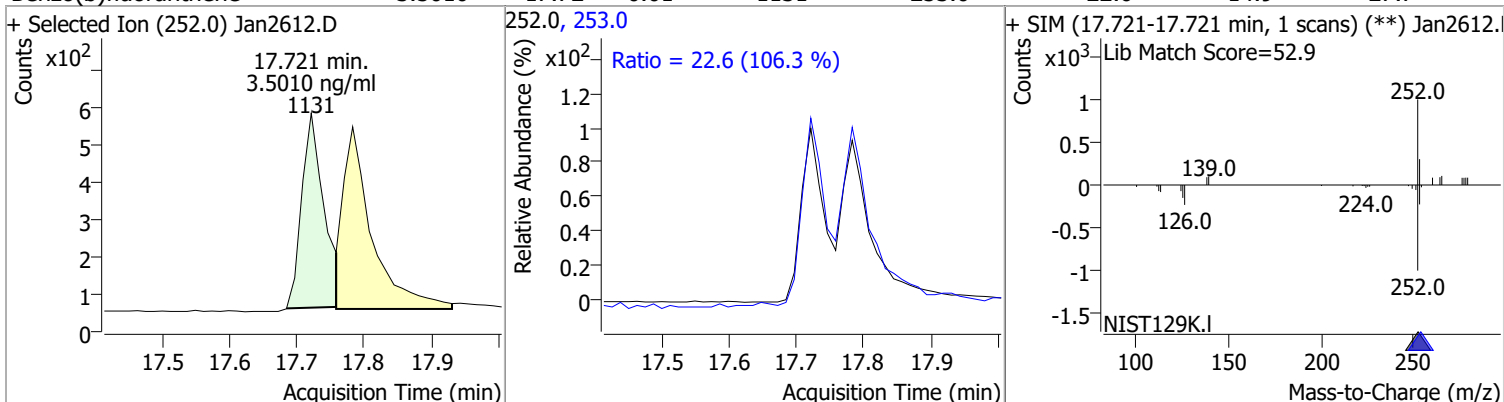


# Quantitation Results Report (QT Reviewed)

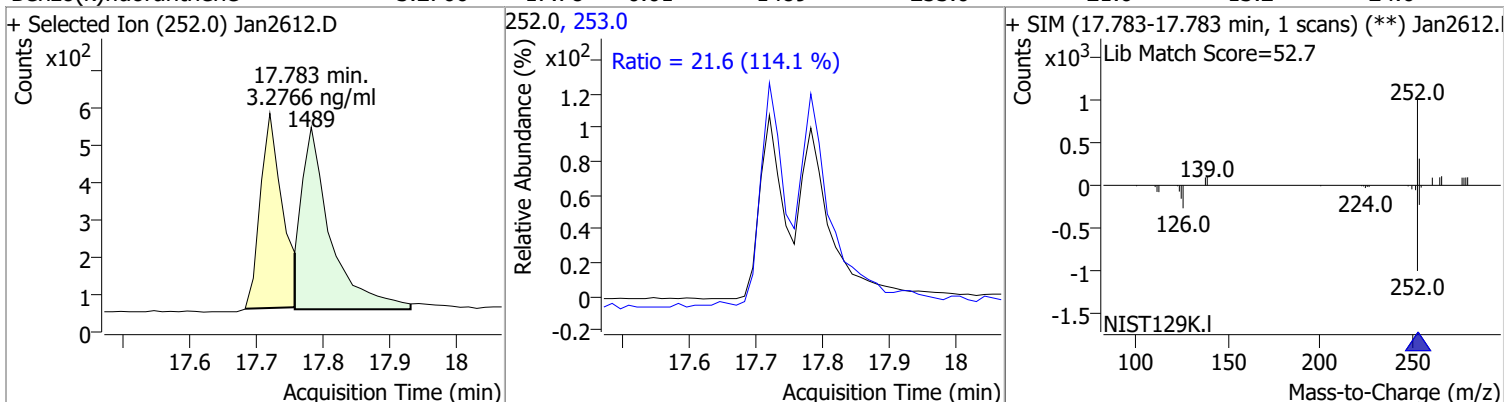
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	3.4456	14.76	0.00	2161	226.0	32.6	21.0	39.1
					229.0	17.6	14.8	27.6



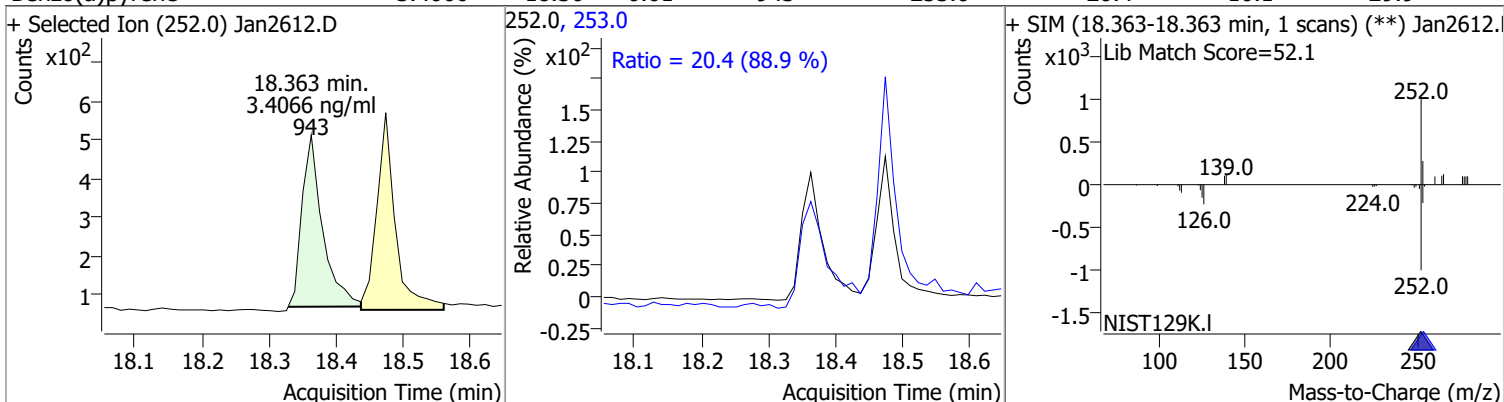
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	3.5010	17.72	0.01	1131	253.0	22.6	14.9	27.7



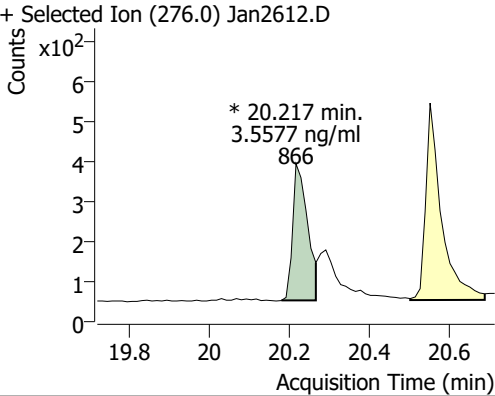
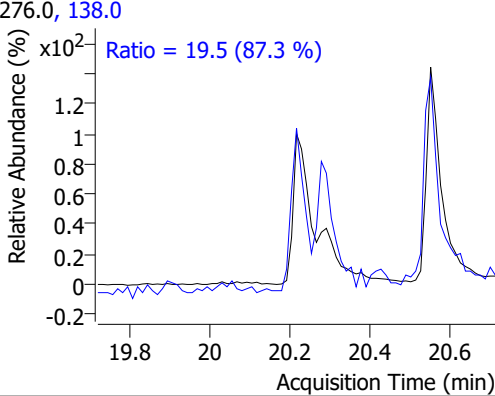
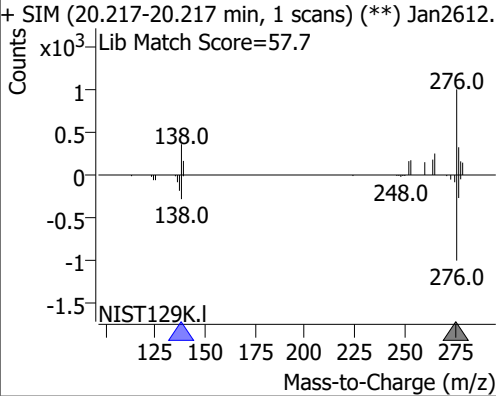
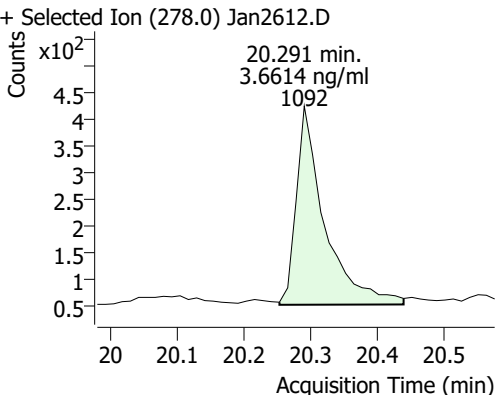
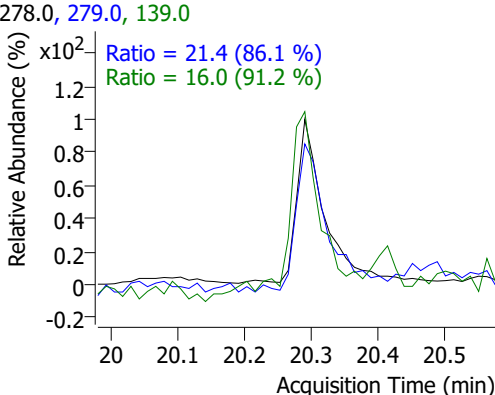
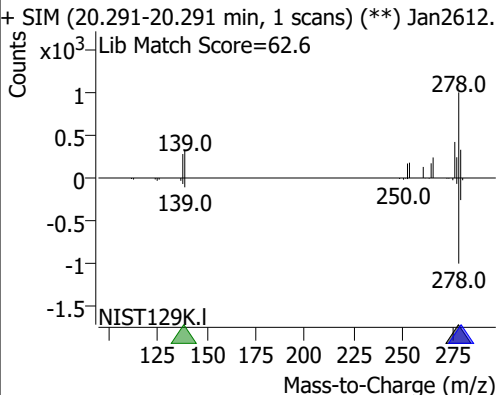
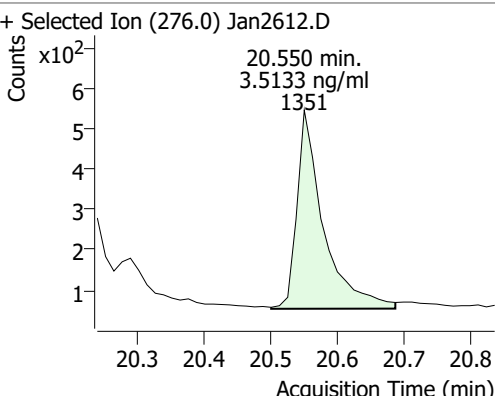
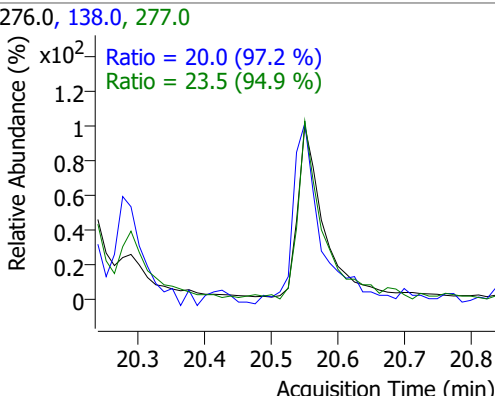
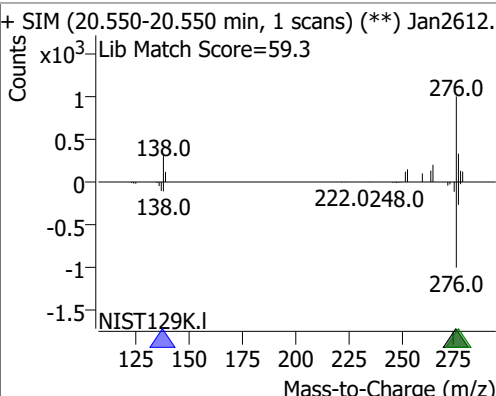
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	3.2766	17.78	0.01	1489	253.0	21.6	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	3.4066	18.36	0.01	943	253.0	20.4	16.1	29.9



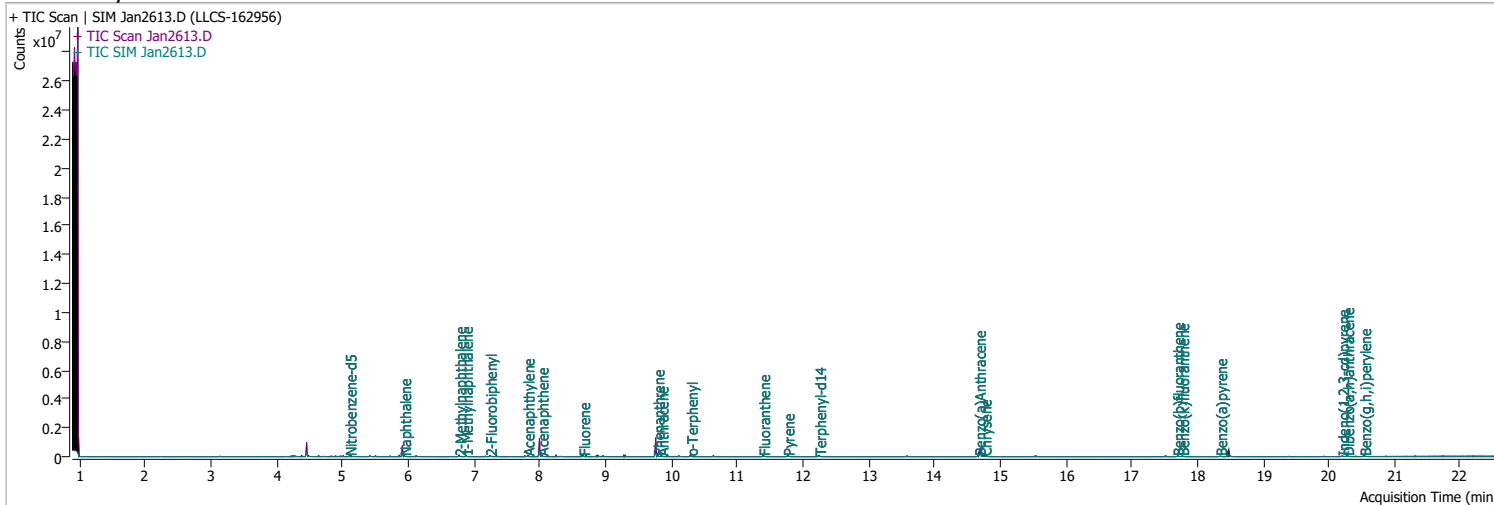
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	3.5577	20.22	0.00	866 (m)	138.0	19.5	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2612.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 19.5 (87.3 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.217-20.217 min, 1 scans) (**) Jan2612.D</p> <p>Lib Match Score=57.7</p>  </div> </div>								
Dibenzo(a,h)anthracene	3.6614	20.29	0.01	1092	279.0	21.4	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2612.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 21.4 (86.1 %)</p> <p>Ratio = 16.0 (91.2 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.291-20.291 min, 1 scans) (**) Jan2612.D</p> <p>Lib Match Score=62.6</p>  </div> </div>								
Benzo(g,h,i)perylene	3.5133	20.55	0.01	1351	277.0	23.5	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2612.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 20.0 (97.2 %)</p> <p>Ratio = 23.5 (94.9 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.550-20.550 min, 1 scans) (**) Jan2612.D</p> <p>Lib Match Score=59.3</p>  </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan2613.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/26/2022 11:15:28 PM
Sample Name	LLCS-162956	Instrument	GCMS
Vial	13	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.459	152.0	114263	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	222621	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.000	164.0	136815	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	297477	40.0000	ng/ml	0.000
M Chrysene-d12	14.701	240.0	237822	40.0000	ng/ml	0.000
M Perylene-d12	18.474	264.0	152047	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	13950	4.8730	ng/ml	-0.013
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 97.46%		
S 2-Fluorobiphenyl	7.239	172.0	25277	4.7086	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 94.17%		*
S o-Terphenyl	10.299	230.0	23682	5.2849	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 105.70%		
S Terphenyl-d14	12.251	244.0	22476	5.7010	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 114.02%		*
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	23976	4.2162	ng/ml	94
T 2-Methylnaphthalene	6.777	141.0	15625	4.5364	ng/ml	93
T 1-Methylnaphthalene	6.877	141.0	15448	4.4156	ng/ml	96
T Acenaphthylene	7.813	152.0	31362	4.9706	ng/ml	99
T Acenaphthene	8.025	154.0	20403	5.3584	ng/ml	99
T Fluorene	8.661	166.0	26635	5.0636	ng/ml	98
T Phenanthrene	9.793	178.0	41910	5.3972	ng/ml	92
T Anthracene	9.854	178.0	38641	5.6203	ng/ml	99
T Fluoranthene	11.398	202.0	51135	5.6214	ng/ml	99
T Pyrene	11.769	202.0	55242	5.4682	ng/ml	97
T Benzo(a)Anthracene	14.677	228.0	39655	5.8043	ng/ml	98
T Chrysene	14.764	228.0	52007	5.6923	ng/ml	99
T Benzo(b)fluoranthene	17.696	252.0	34888	5.5532	ng/ml	98

# Quantitation Results Report (QT Reviewed)

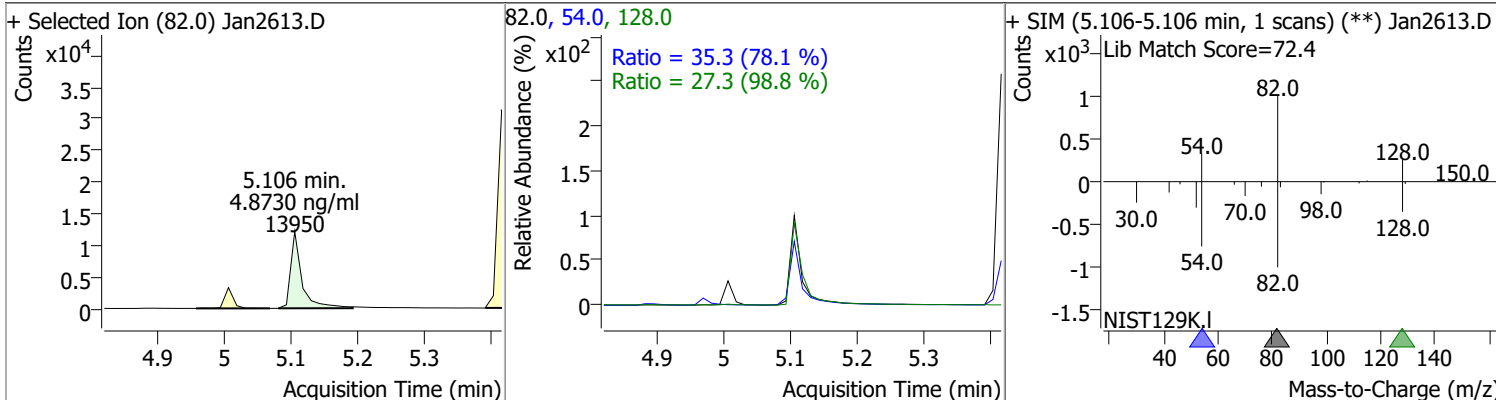
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	40866	5.6315	ng/ml	94
T Benzo(a)pyrene	18.351	252.0	27417	5.2781	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.204	276.0	27014	5.7519	ng/ml	94
T Dibenzo(a,h)anthracene	20.278	278.0	29643	5.6847	ng/ml	98
T Benzo(g,h,i)perylene	20.538	276.0	36555	5.5346	ng/ml	98

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

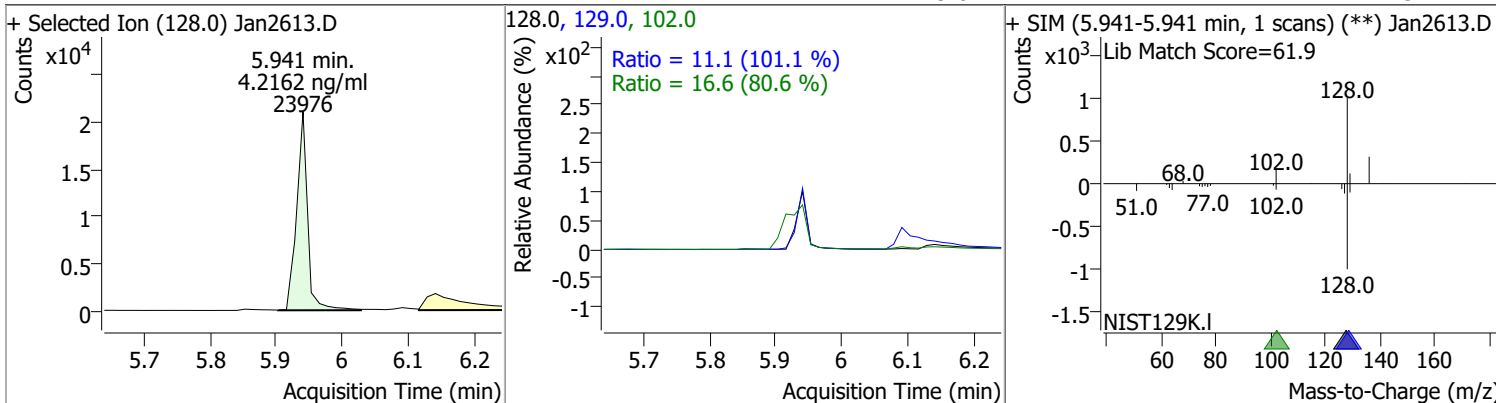


# Quantitation Results Report (QT Reviewed)

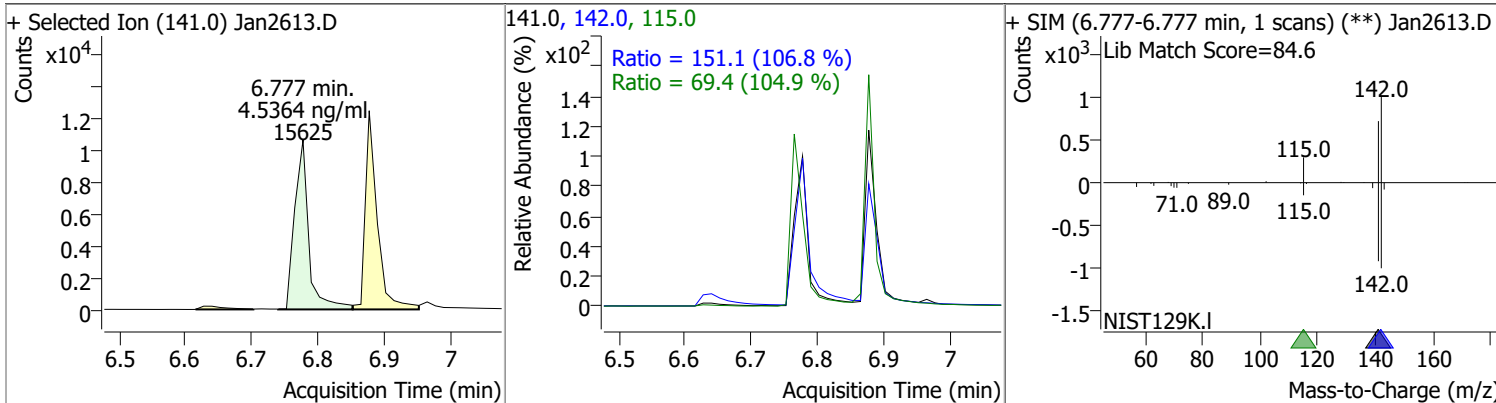
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	4.8730	5.11	-0.01	13950	54.0	35.3	31.6	58.8
					128.0	27.3	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	4.2162	5.94	0.00	23976	102.0	16.6	0.0	61.8
					129.0	11.1	7.7	14.3

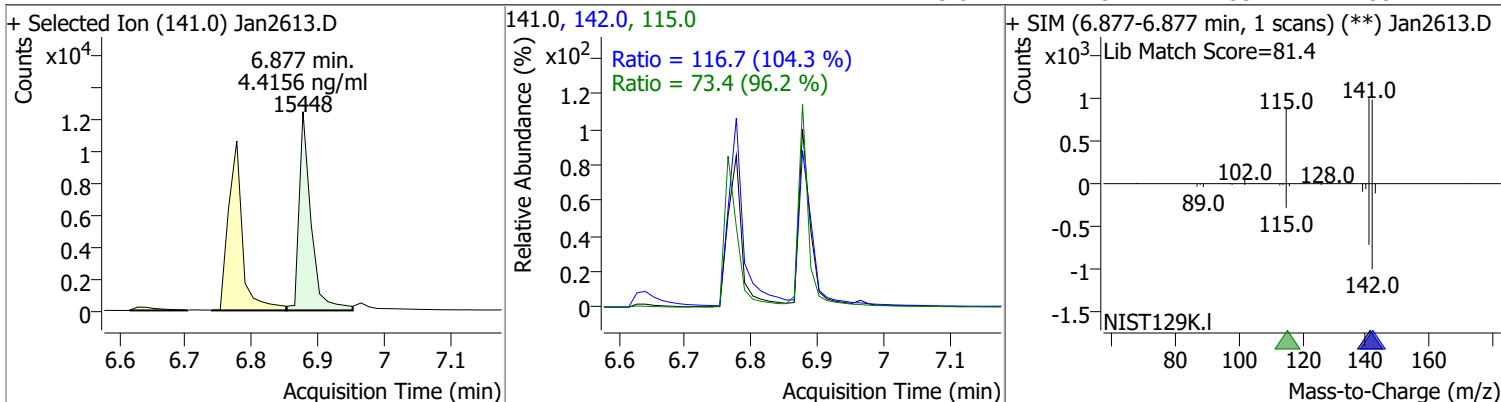


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	4.5364	6.78	0.00	15625	142.0	151.1	99.1	184.0
					115.0	69.4	46.3	86.0

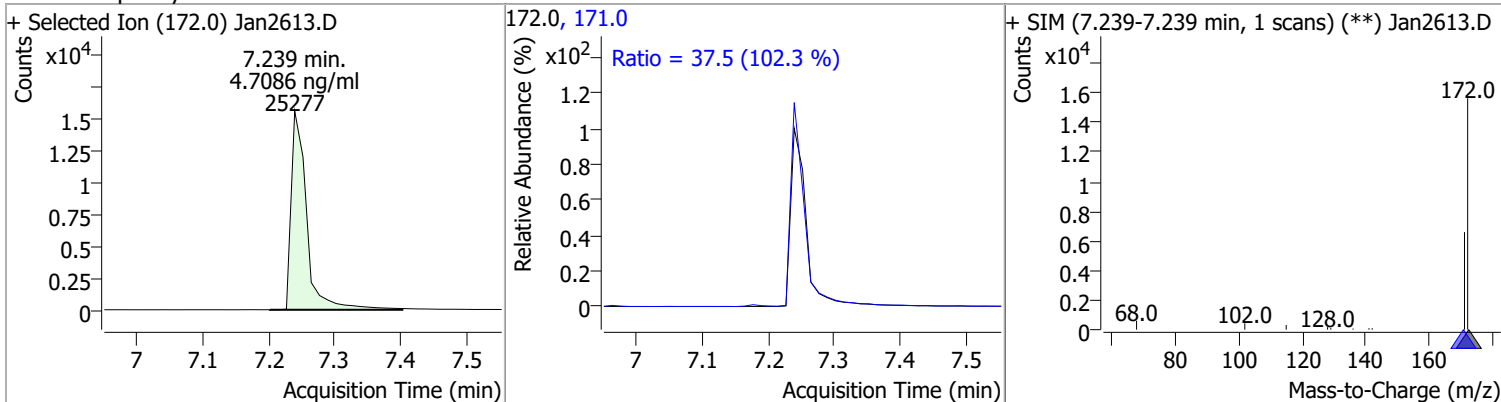


# Quantitation Results Report (QT Reviewed)

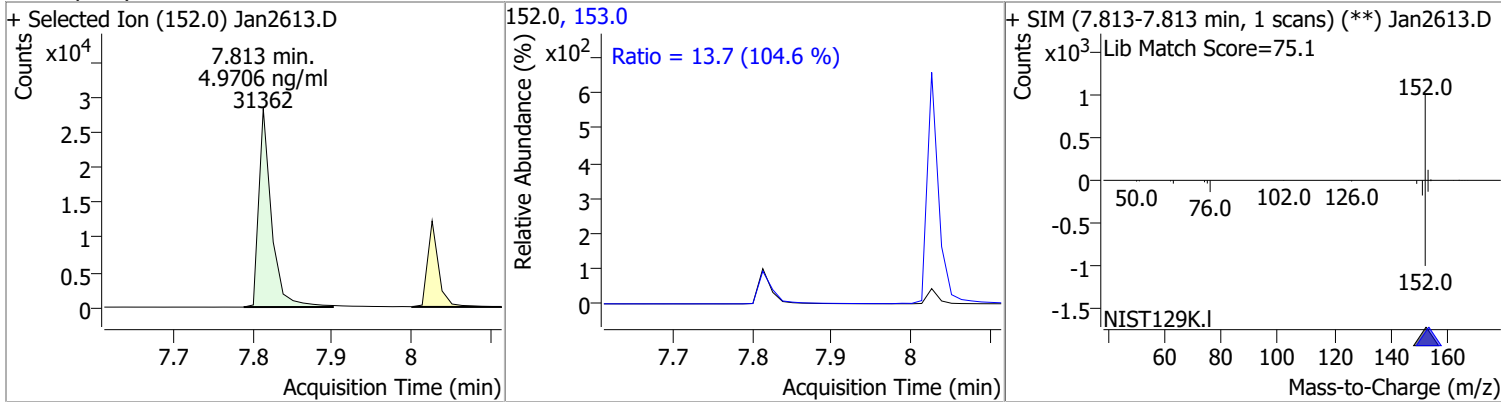
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	4.4156	6.88	0.00	15448	142.0	116.7	78.3	145.5
					115.0	73.4	53.4	99.2



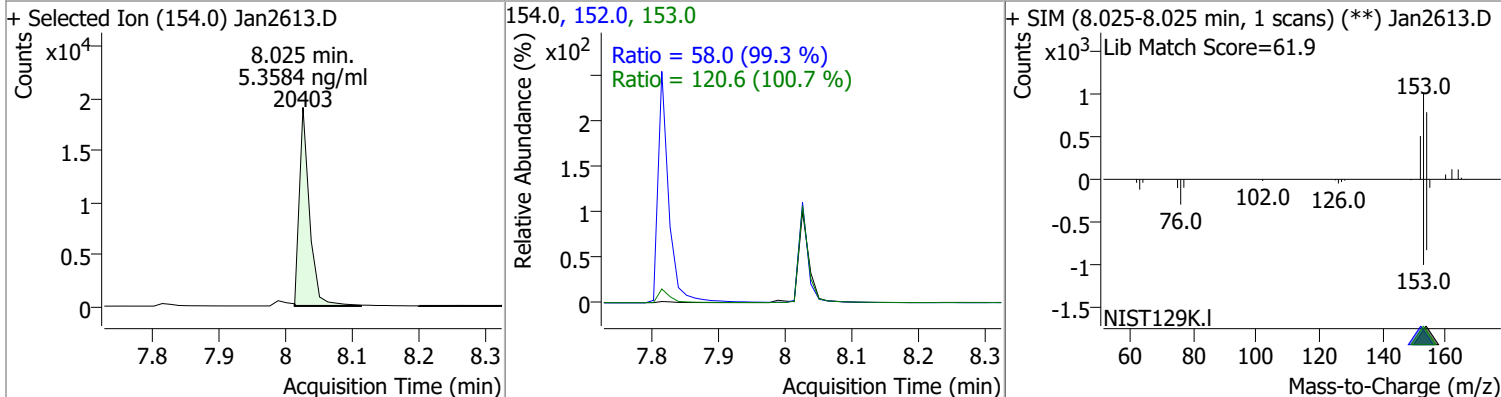
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	4.7086	7.24	-0.01	25277	171.0	37.5	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	4.9706	7.81	0.00	31362	153.0	13.7	9.1	17.0

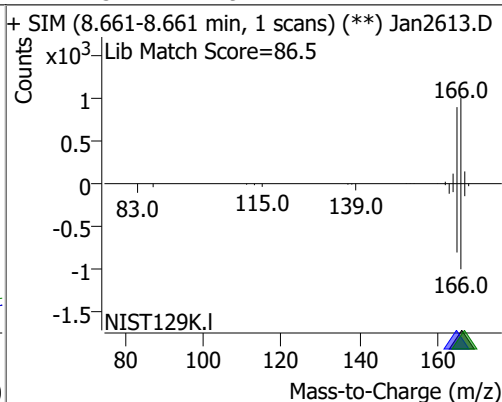
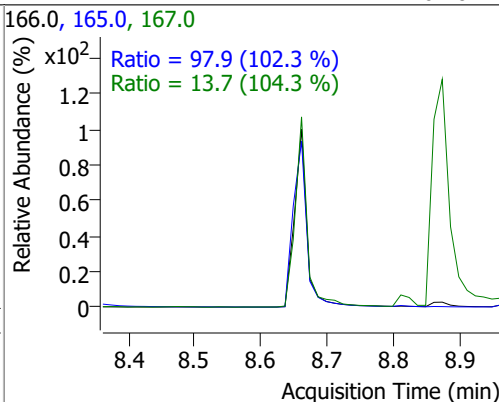
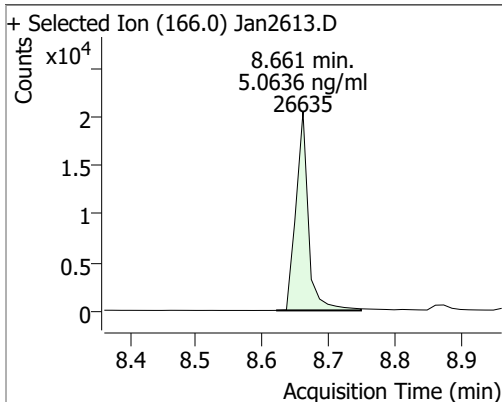


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	5.3584	8.03	0.00	20403	153.0	120.6	83.9	155.8
					152.0	58.0	40.9	76.0

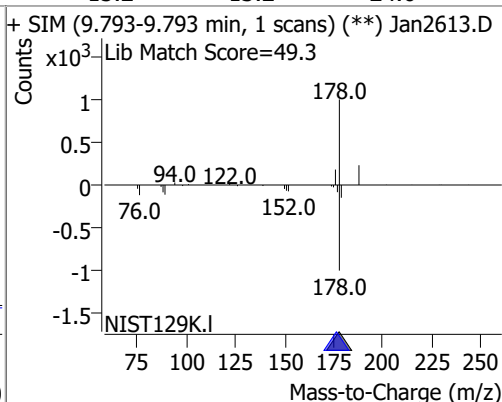
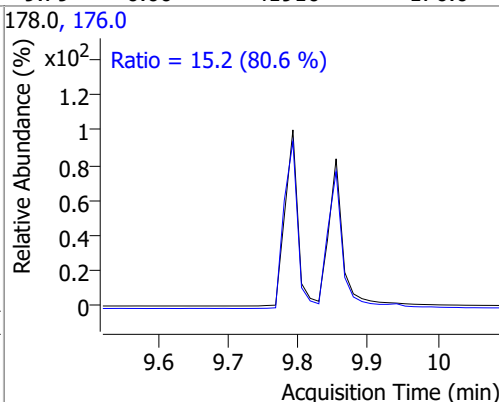
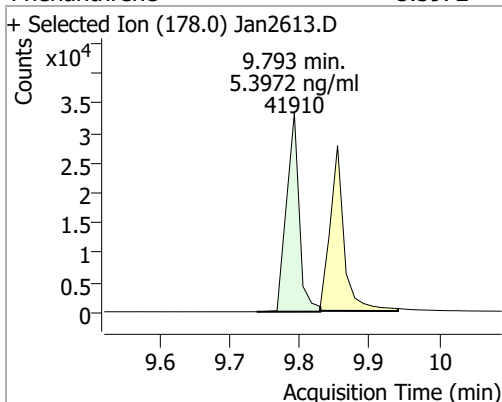


# Quantitation Results Report (QT Reviewed)

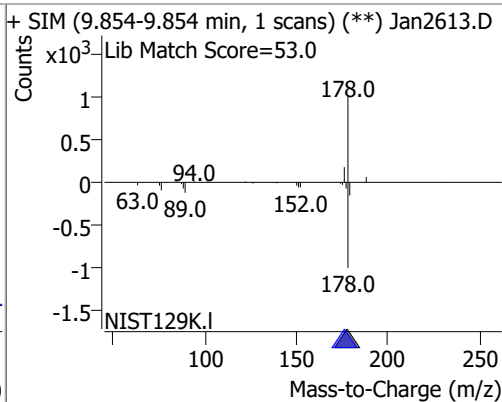
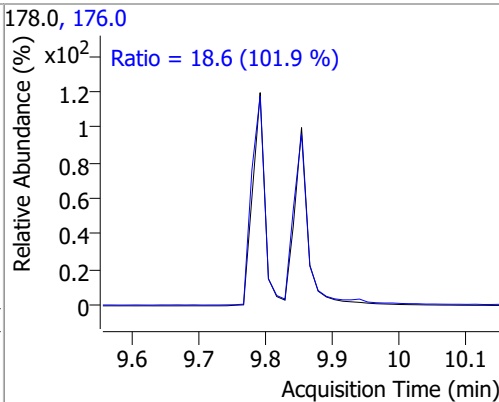
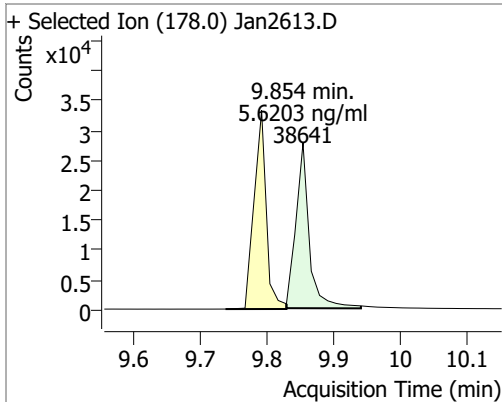
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	5.0636	8.66	0.00	26635	165.0	97.9	67.0	124.5
					167.0	13.7	9.2	17.1



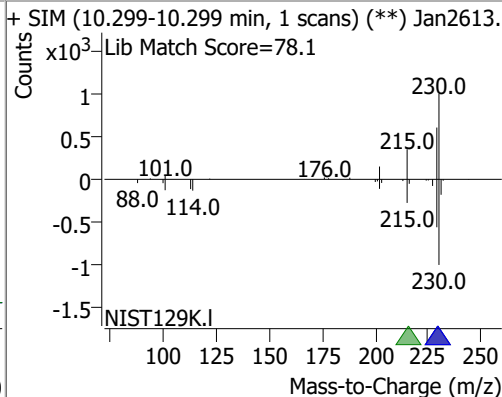
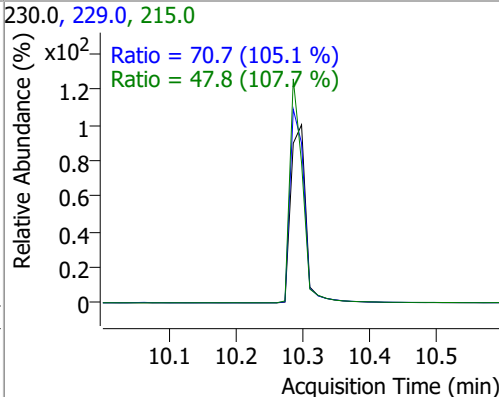
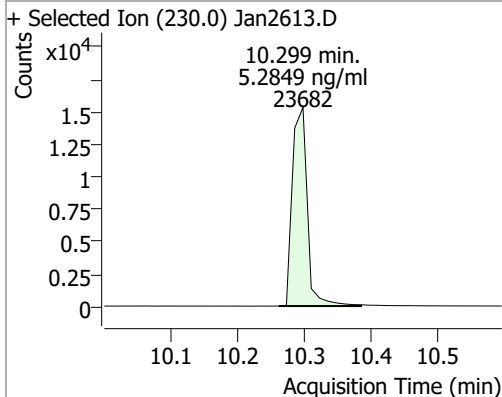
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	5.3972	9.79	0.00	41910	176.0	15.2	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	5.6203	9.85	0.00	38641	176.0	18.6	12.8	23.8

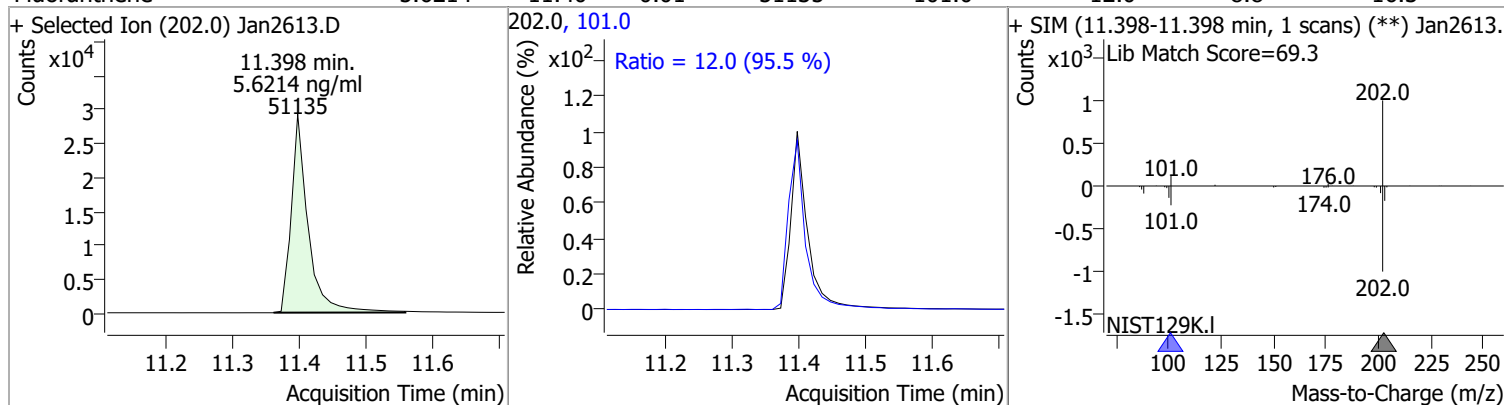


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	5.2849	10.30	0.00	23682	229.0	70.7	47.1	87.5
					215.0	47.8	31.1	57.7

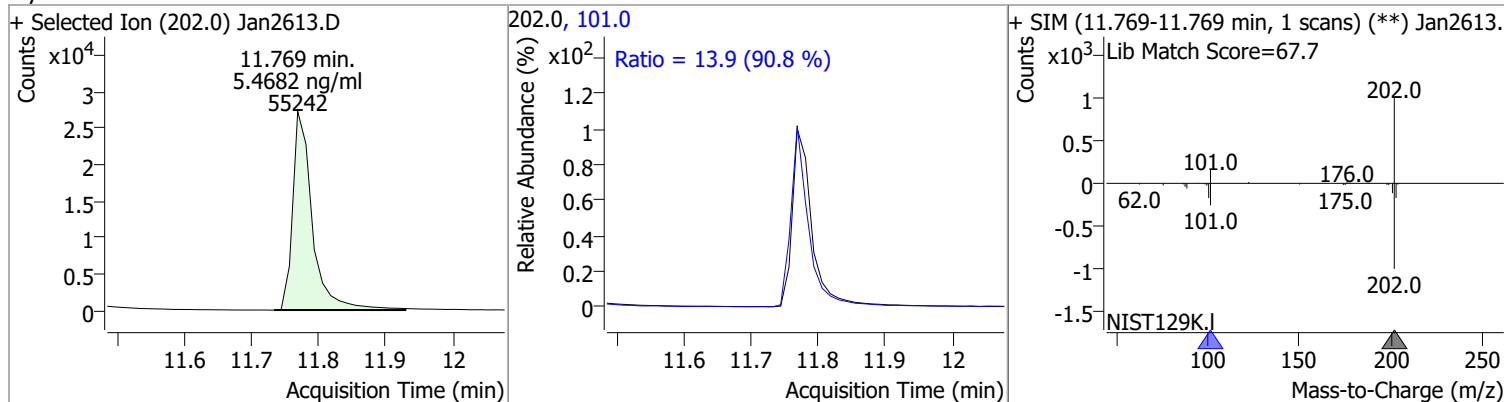


# Quantitation Results Report (QT Reviewed)

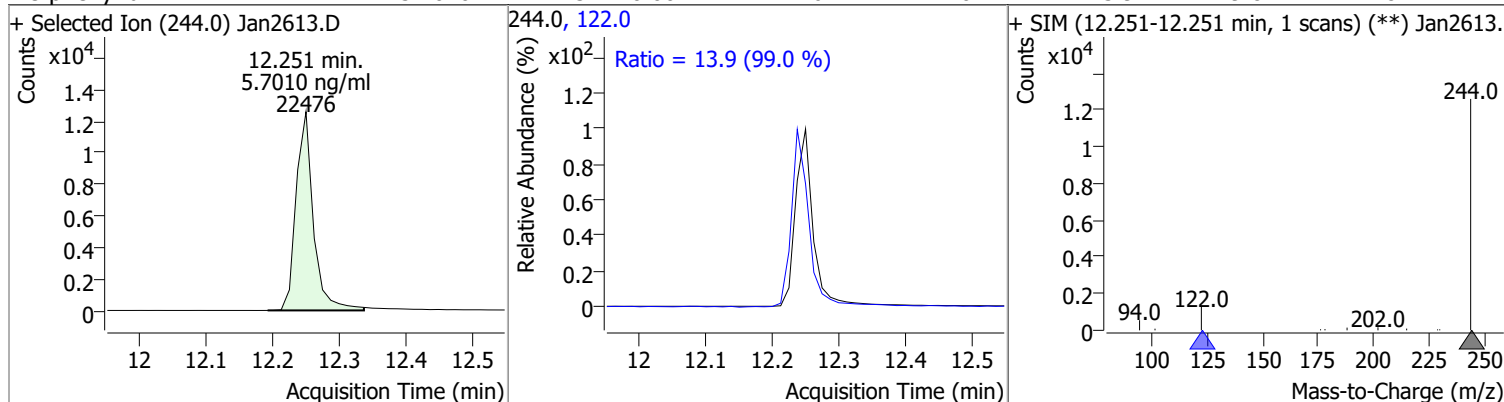
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	5.6214	11.40	-0.01	51135	101.0	12.0	8.8	16.3



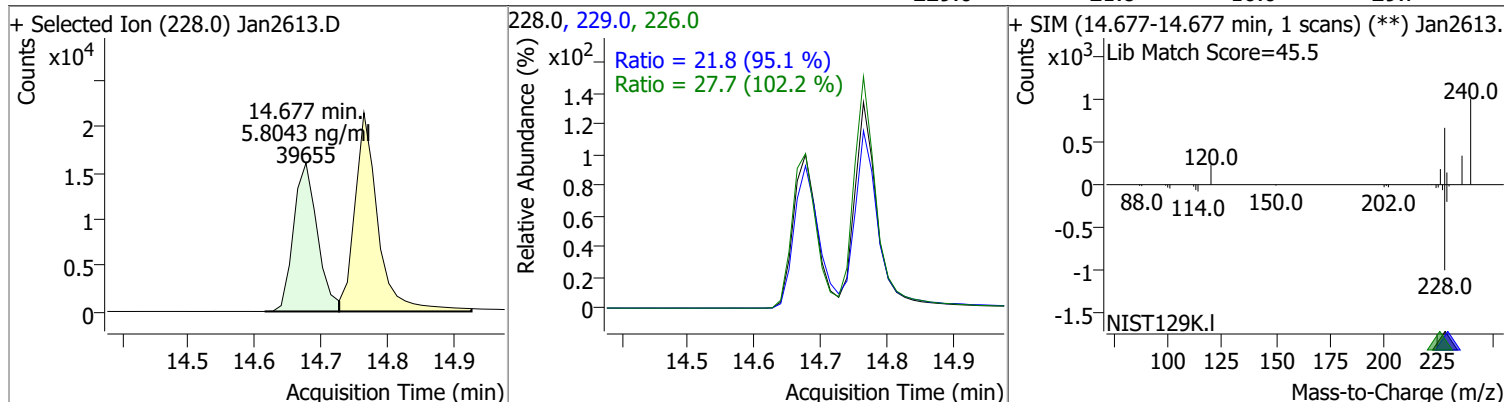
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	5.4682	11.77	-0.01	55242	101.0	13.9	10.8	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	5.7010	12.25	0.00	22476	122.0	13.9	9.8	18.2

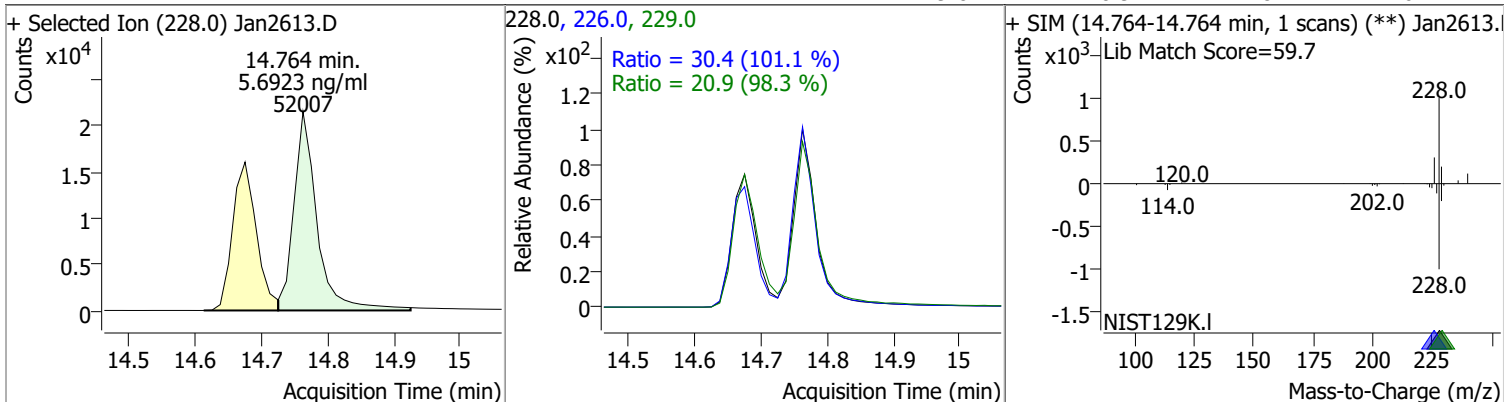


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	5.8043	14.68	0.00	39655	226.0	27.7	19.0	35.2
					229.0	21.8	16.0	29.7

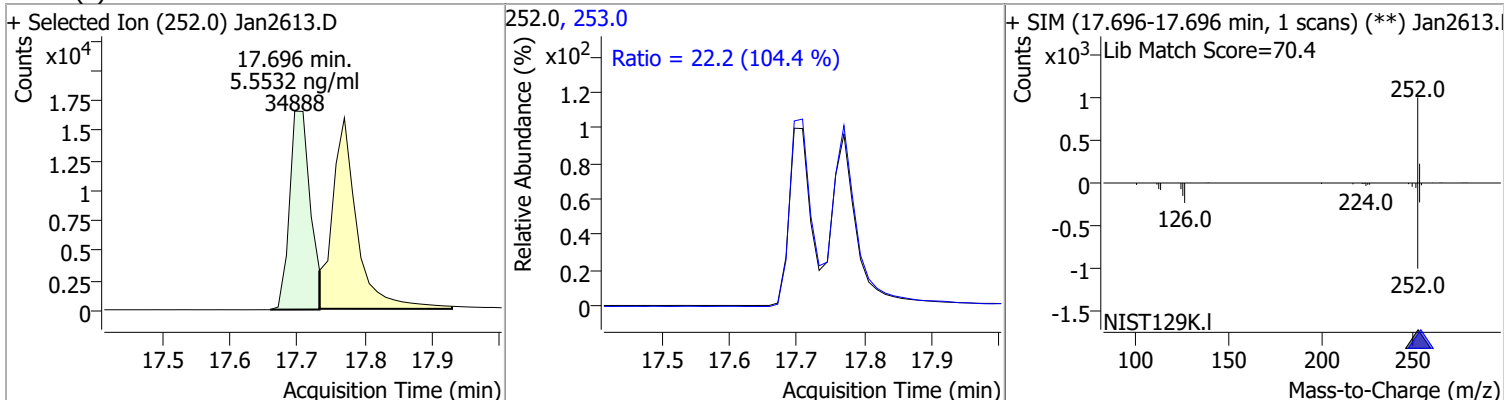


# Quantitation Results Report (QT Reviewed)

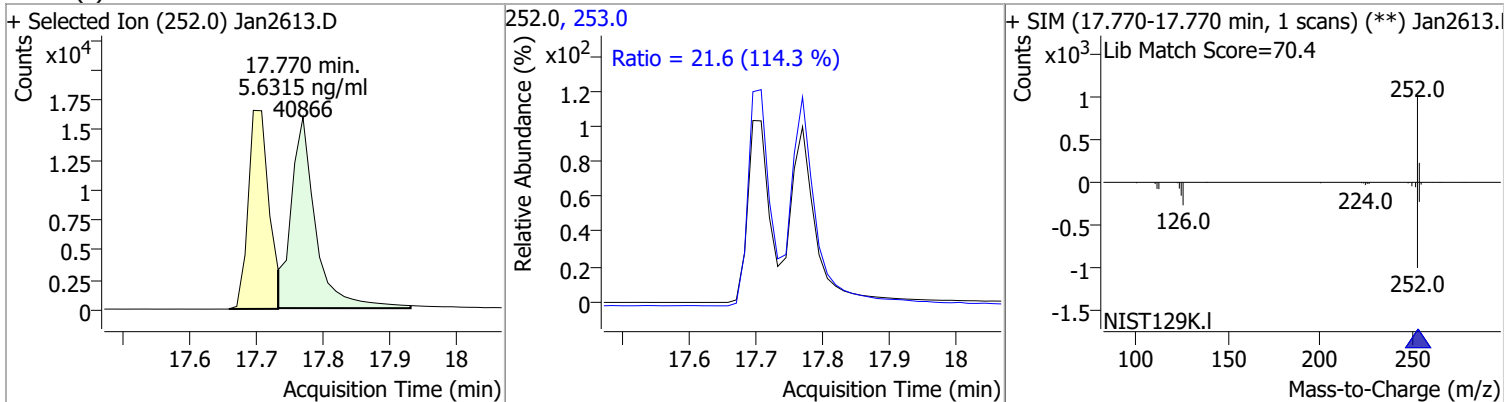
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	5.6923	14.76	0.00	52007	226.0	30.4	21.0	39.1
					229.0	20.9	14.8	27.6



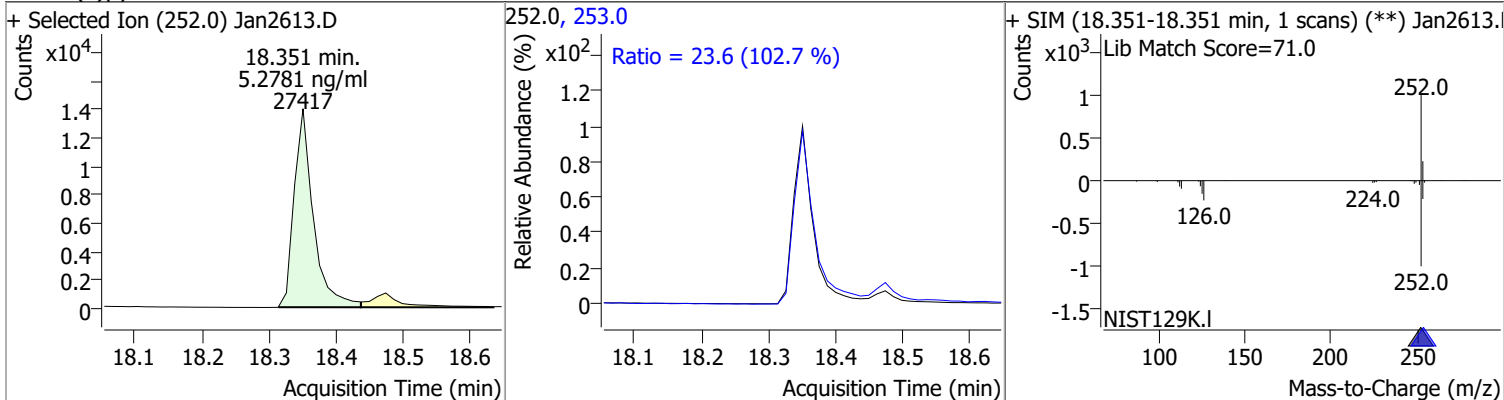
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	5.5532	17.70	-0.01	34888	253.0	22.2	14.9	27.7



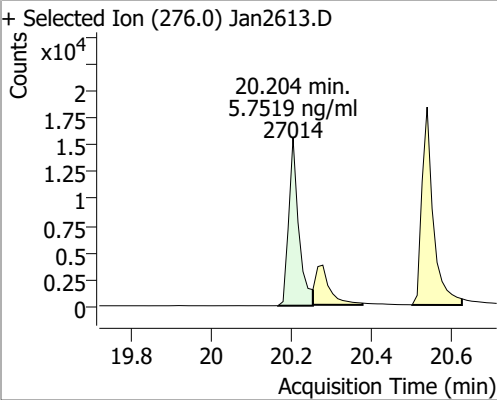
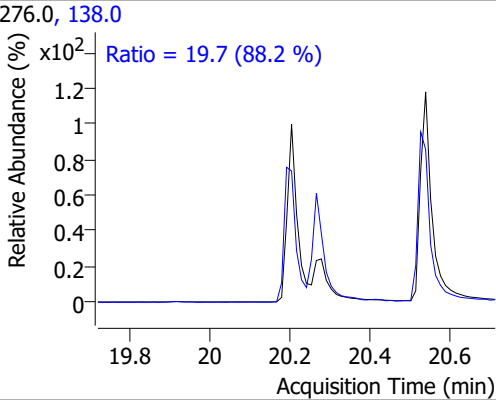
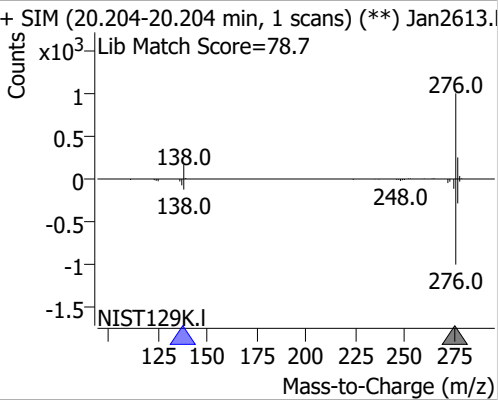
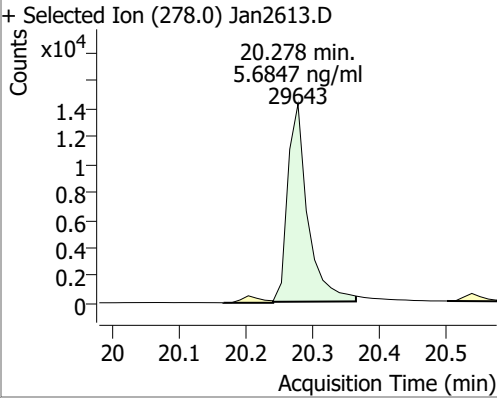
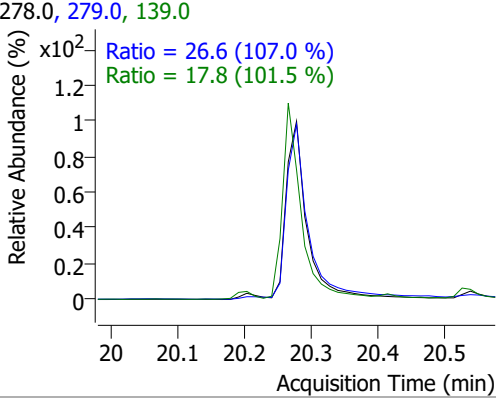
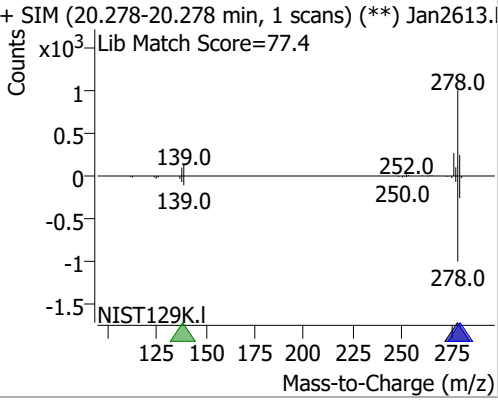
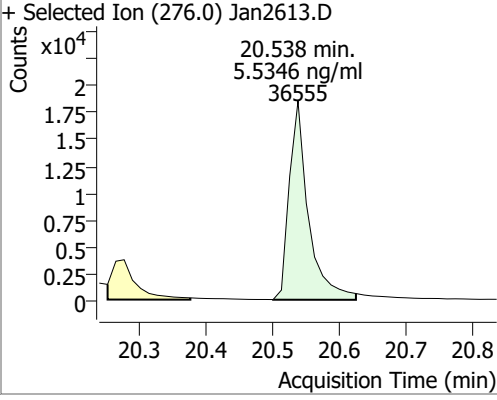
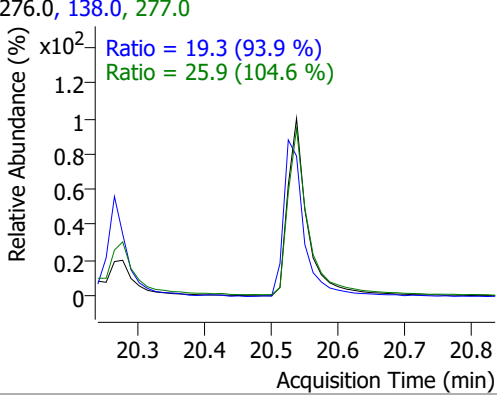
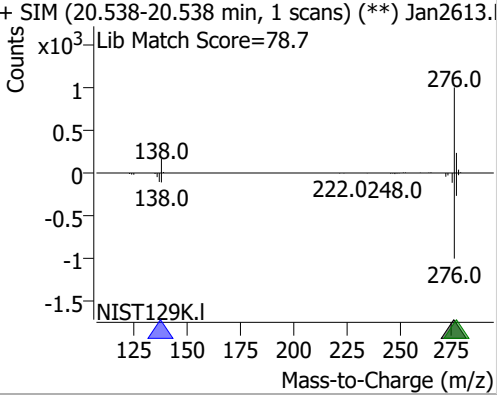
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	5.6315	17.77	0.00	40866	253.0	21.6	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	5.2781	18.35	0.00	27417	253.0	23.6	16.1	29.9



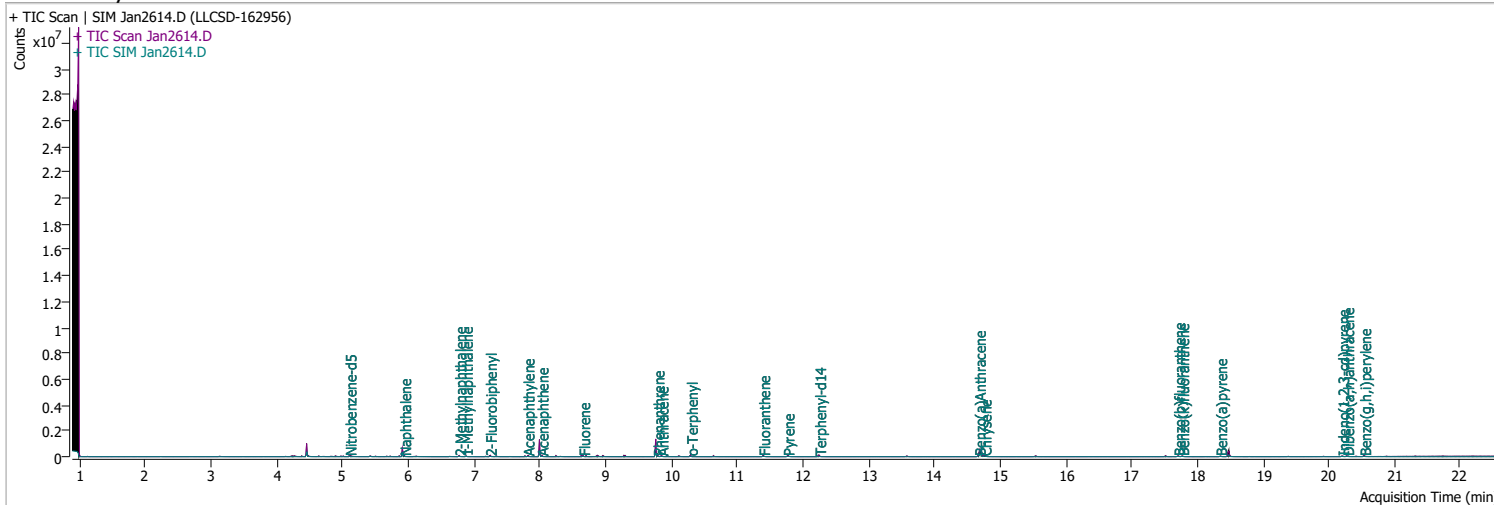
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	5.7519	20.20	-0.01	27014	138.0	19.7	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2613.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 19.7 (88.2 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan2613.D</p> <p>Lib Match Score=78.7</p>  </div> </div>								
Dibenzo(a,h)anthracene	5.6847	20.28	0.00	29643	279.0	26.6	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2613.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 26.6 (107.0 %)</p> <p>Ratio = 17.8 (101.5 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.278-20.278 min, 1 scans) (**) Jan2613.D</p> <p>Lib Match Score=77.4</p>  </div> </div>								
Benzo(g,h,i)perylene	5.5346	20.54	0.00	36555	277.0	25.9	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2613.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 19.3 (93.9 %)</p> <p>Ratio = 25.9 (104.6 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan2613.D</p> <p>Lib Match Score=78.7</p>  </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan2614.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/26/2022 11:47:52 PM
Sample Name	LLCSD-162956	Instrument	GCMS
Vial	14	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.460	152.0	121098	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	230948	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	145899	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	309701	40.0000	ng/ml	0.000
M Chrysene-d12	14.702	240.0	245306	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	156144	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	22333	6.8573	ng/ml	-0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 137.15%	*	
S 2-Fluorobiphenyl	7.240	172.0	38930	6.7765	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 135.53%	*	
S o-Terphenyl	10.299	230.0	23425	5.0226	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 100.45%		
S Terphenyl-d14	12.251	244.0	34317	8.3166	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 166.33%	*	
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	18393	3.1026	ng/ml	95
T 2-Methylnaphthalene	6.777	141.0	11905	3.3210	ng/ml	85
T 1-Methylnaphthalene	6.877	141.0	11841	3.2589	ng/ml	m 93
T Acenaphthylene	7.814	152.0	27456	4.1108	ng/ml	97
T Acenaphthene	8.025	154.0	17280	4.2022	ng/ml	m 100
T Fluorene	8.661	166.0	24498	4.3526	ng/ml	98
T Phenanthrene	9.793	178.0	35509	4.4088	ng/ml	90
T Anthracene	9.854	178.0	40628	5.6833	ng/ml	100
T Fluoranthene	11.398	202.0	51088	5.3969	ng/ml	99
T Pyrene	11.769	202.0	56330	5.4083	ng/ml	97
T Benzo(a)Anthracene	14.677	228.0	40726	5.7804	ng/ml	99
T Chrysene	14.764	228.0	53401	5.6659	ng/ml	99
T Benzo(b)fluoranthene	17.709	252.0	37816	5.8270	ng/ml	97

# Quantitation Results Report (QT Reviewed)

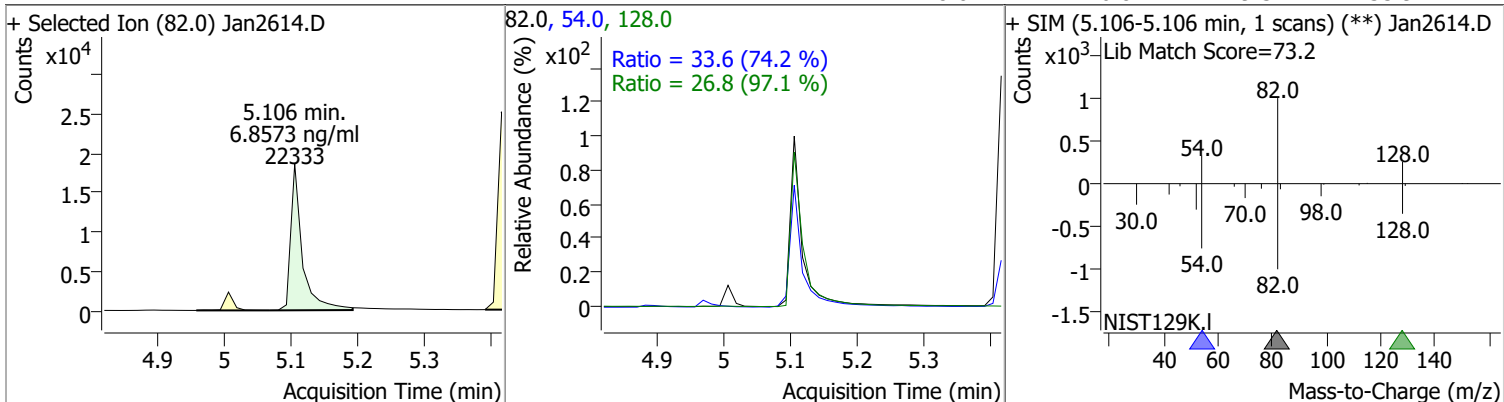
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	38411	5.1671	ng/ml	90
T Benzo(a)pyrene	18.351	252.0	28498	5.3364	ng/ml	98
T Indeno(1,2,3-cd)pyrene	20.204	276.0	26829	5.5829	ng/ml	95
T Dibenzo(a,h)anthracene	20.279	278.0	30258	5.6521	ng/ml	99
T Benzo(g,h,i)perylene	20.538	276.0	36760	5.4249	ng/ml	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

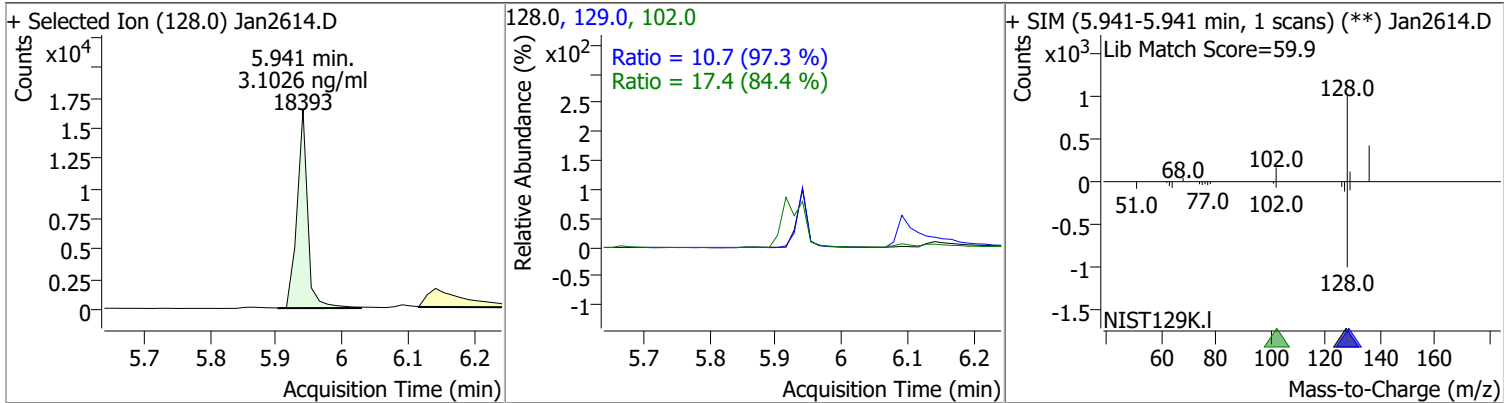


# Quantitation Results Report (QT Reviewed)

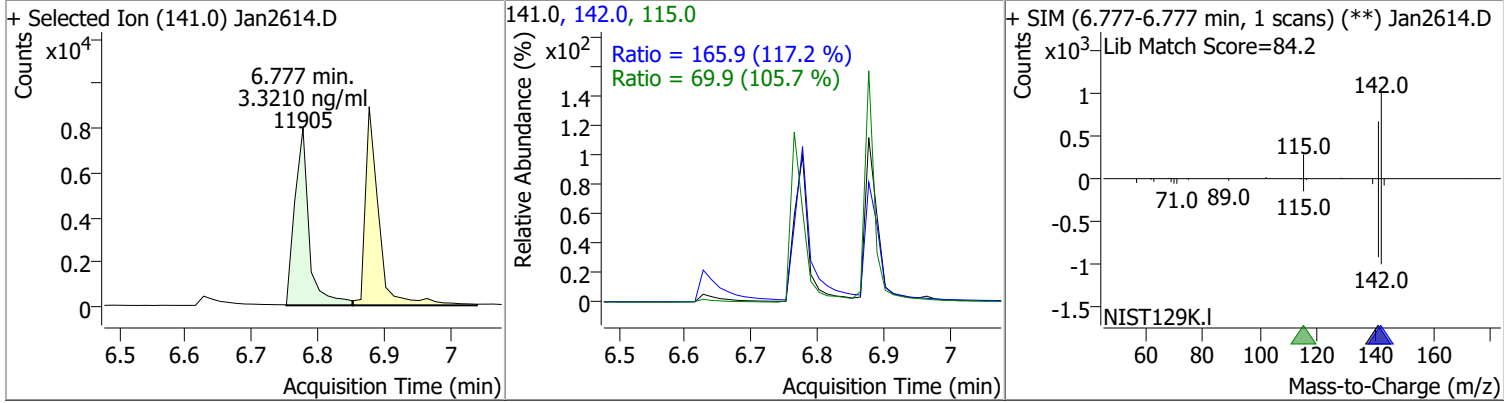
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	6.8573	5.11	-0.01	22333	54.0	33.6	31.6	58.8
					128.0	26.8	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.1026	5.94	0.00	18393	102.0	17.4	0.0	61.8
					129.0	10.7	7.7	14.3

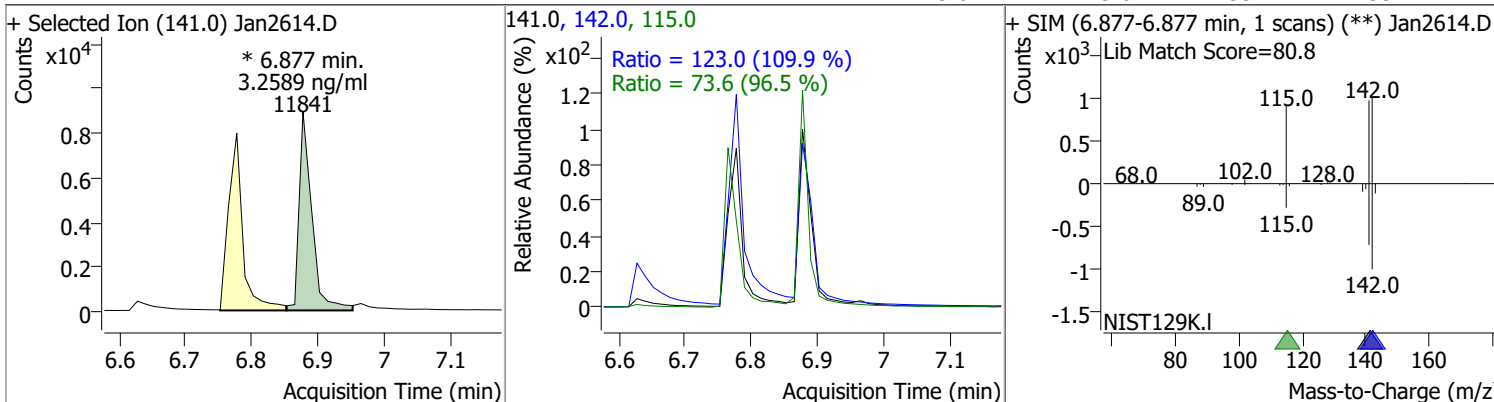


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.3210	6.78	0.00	11905	142.0	165.9	99.1	184.0
					115.0	69.9	46.3	86.0

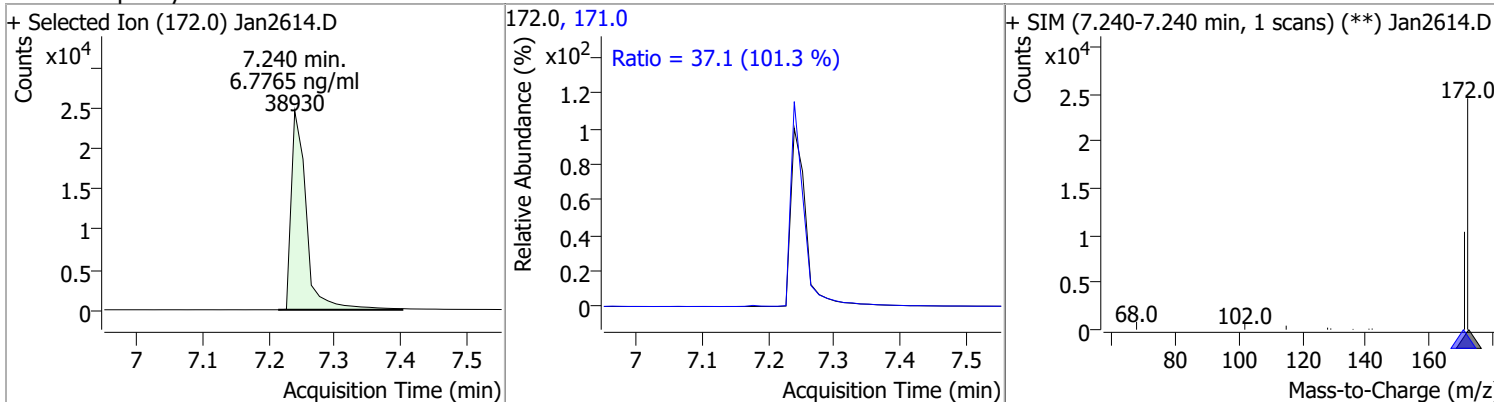


# Quantitation Results Report (QT Reviewed)

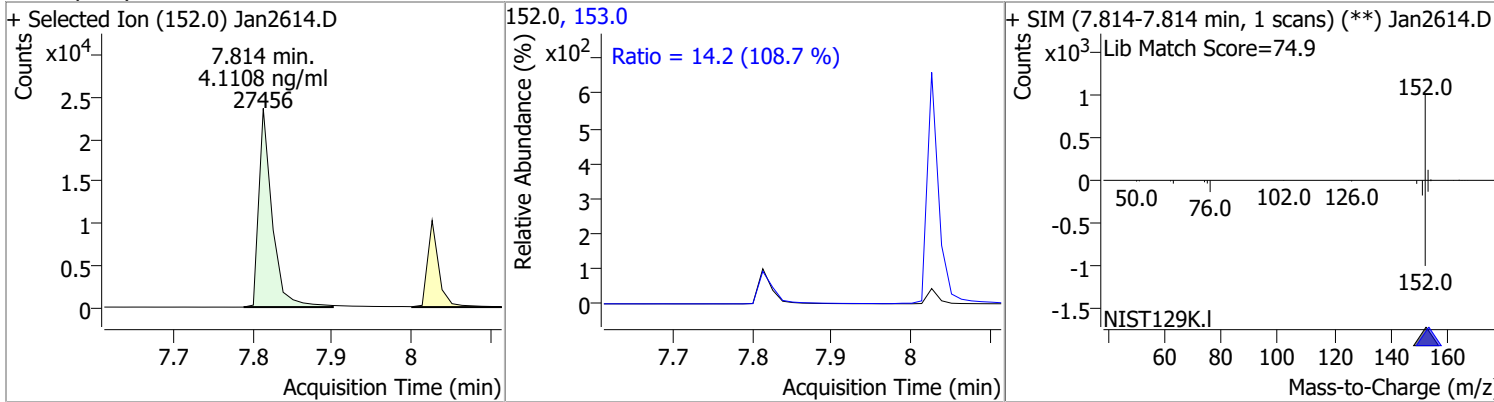
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	3.2589	6.88	0.00	11841 (m)	142.0	123.0	78.3	145.5
					115.0	73.6	53.4	99.2



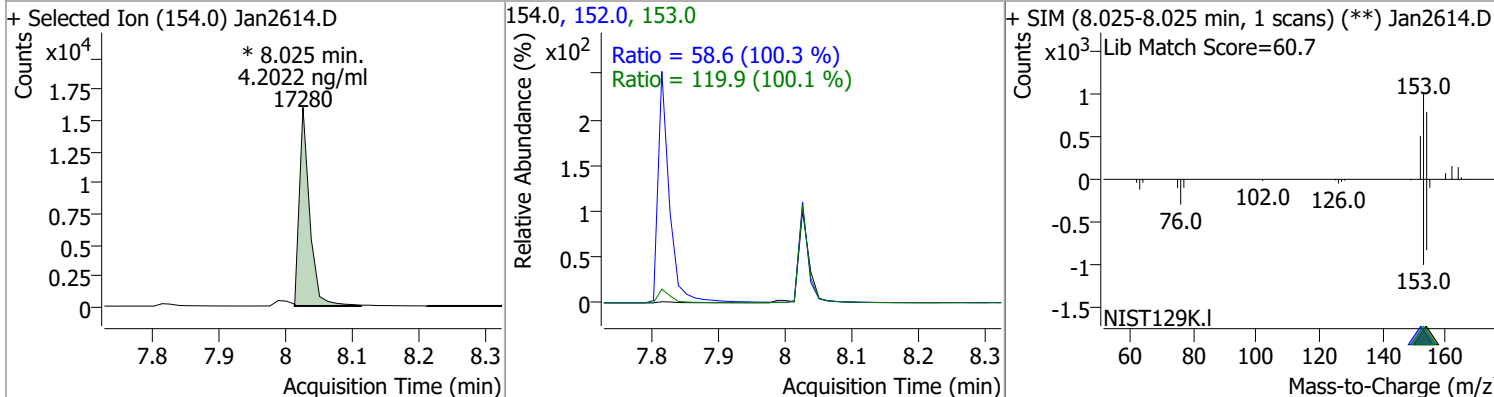
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	6.7765	7.24	-0.01	38930	171.0	37.1	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	4.1108	7.81	0.00	27456	153.0	14.2	9.1	17.0

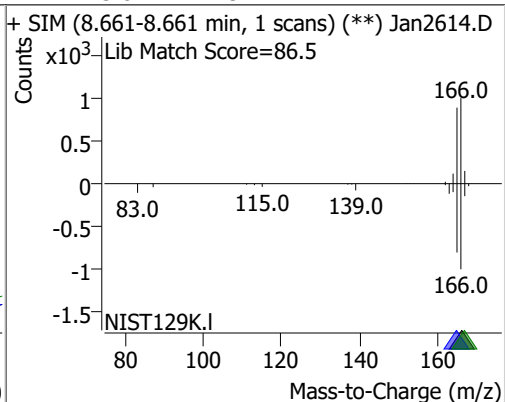
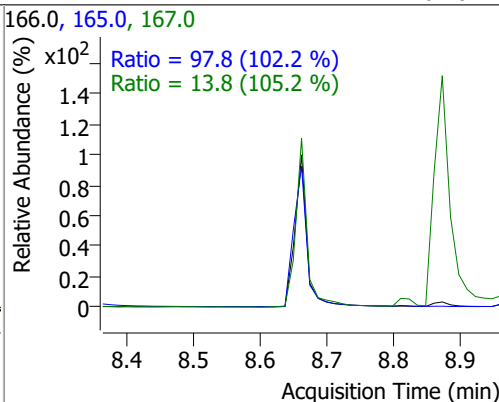
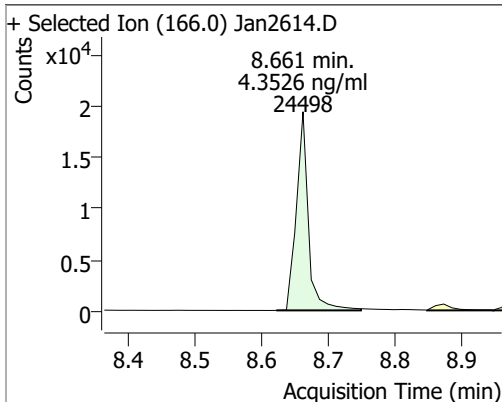


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	4.2022	8.03	0.00	17280 (m)	153.0	119.9	83.9	155.8
					152.0	58.6	40.9	76.0

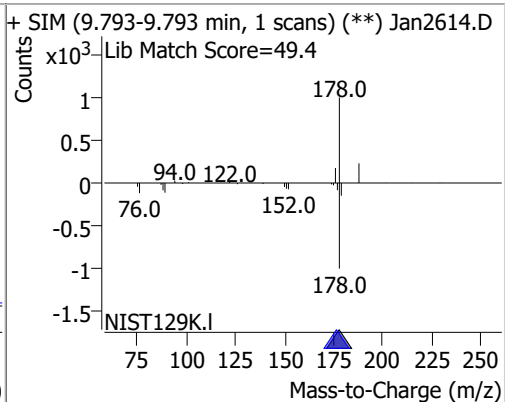
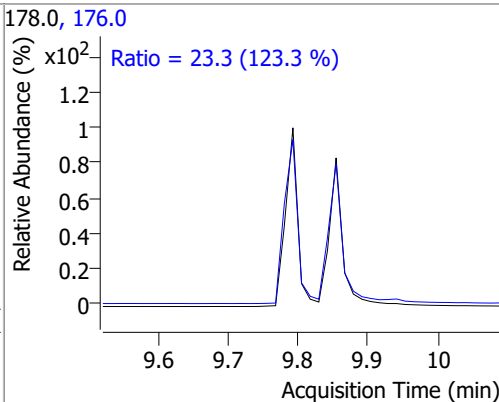
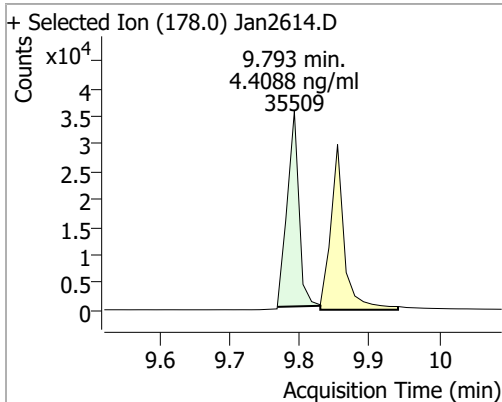


# Quantitation Results Report (QT Reviewed)

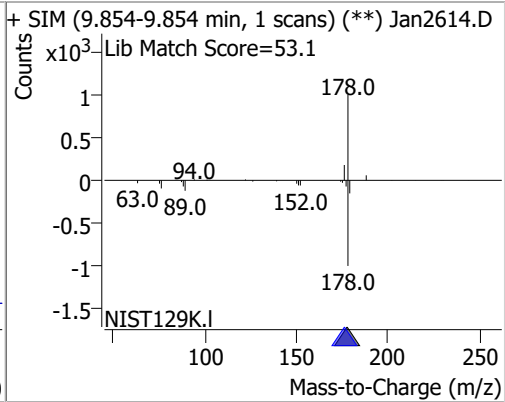
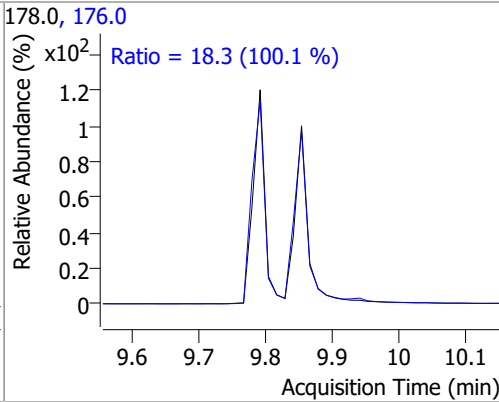
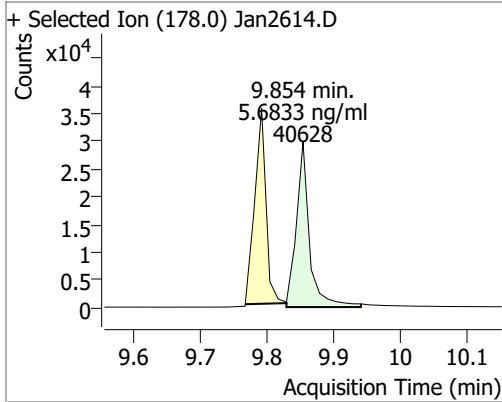
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	4.3526	8.66	0.00	24498	165.0	97.8	67.0	124.5
					167.0	13.8	9.2	17.1



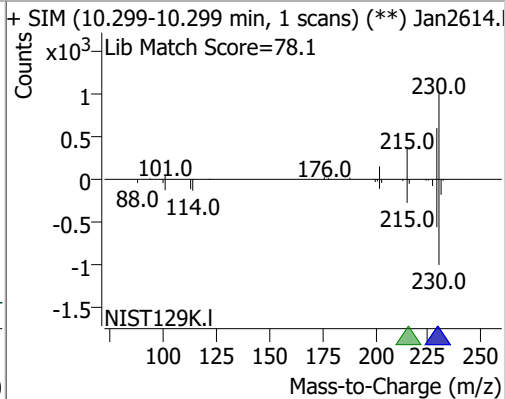
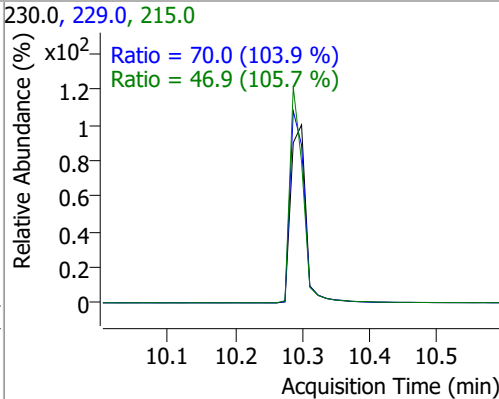
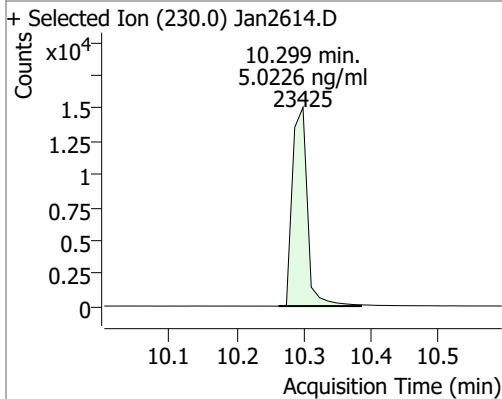
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.4088	9.79	0.00	35509	176.0	23.3	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	5.6833	9.85	0.00	40628	176.0	18.3	12.8	23.8

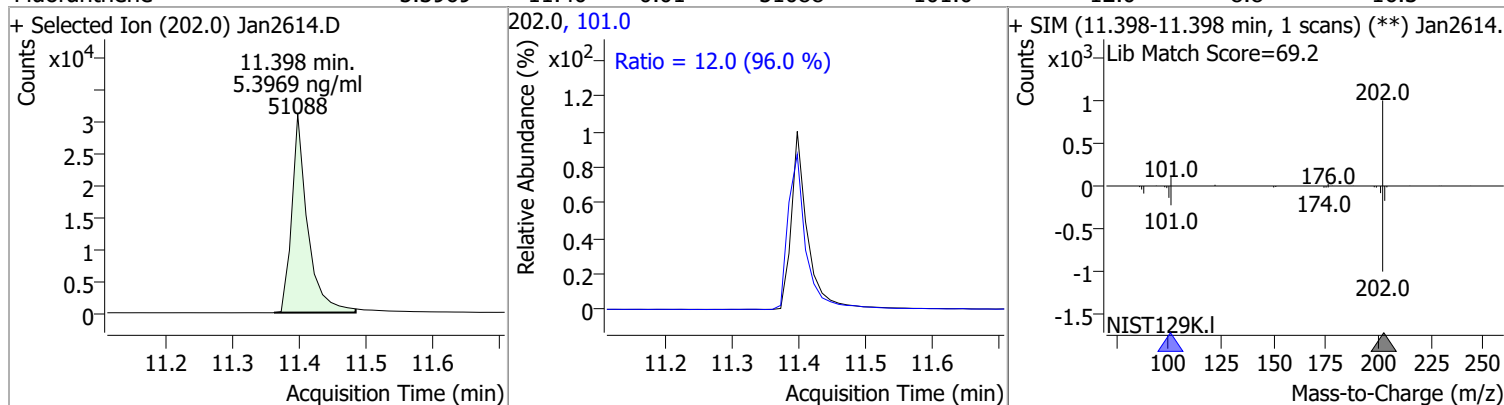


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	5.0226	10.30	0.00	23425	229.0	70.0	47.1	87.5
					215.0	46.9	31.1	57.7

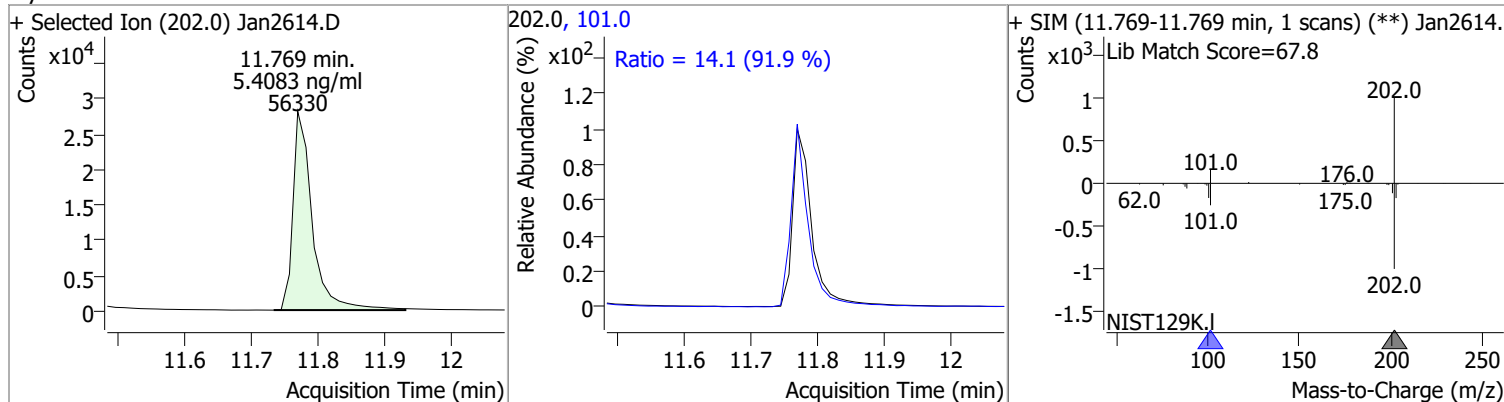


# Quantitation Results Report (QT Reviewed)

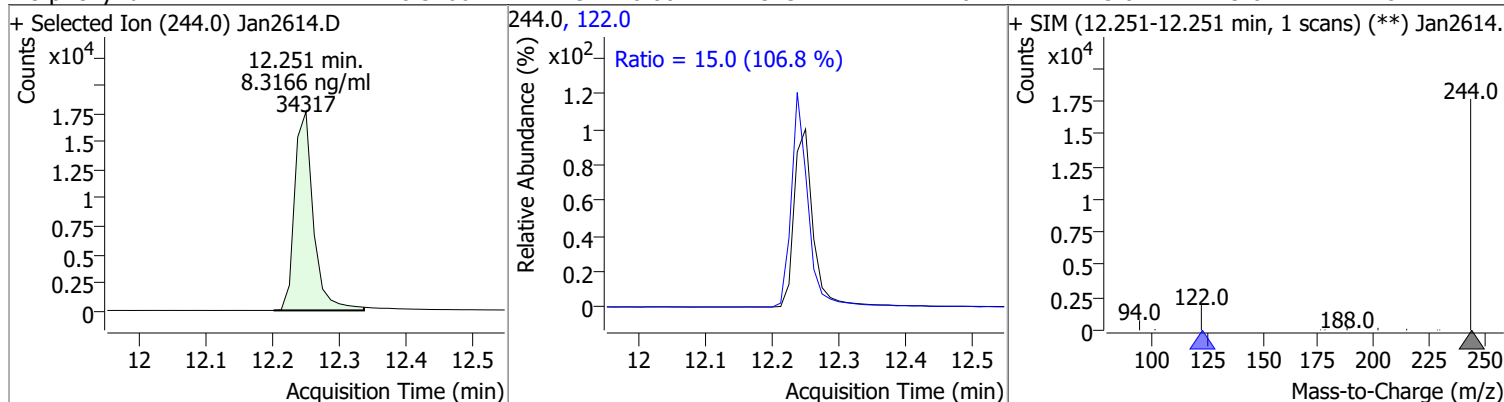
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	5.3969	11.40	-0.01	51088	101.0	12.0	8.8	16.3



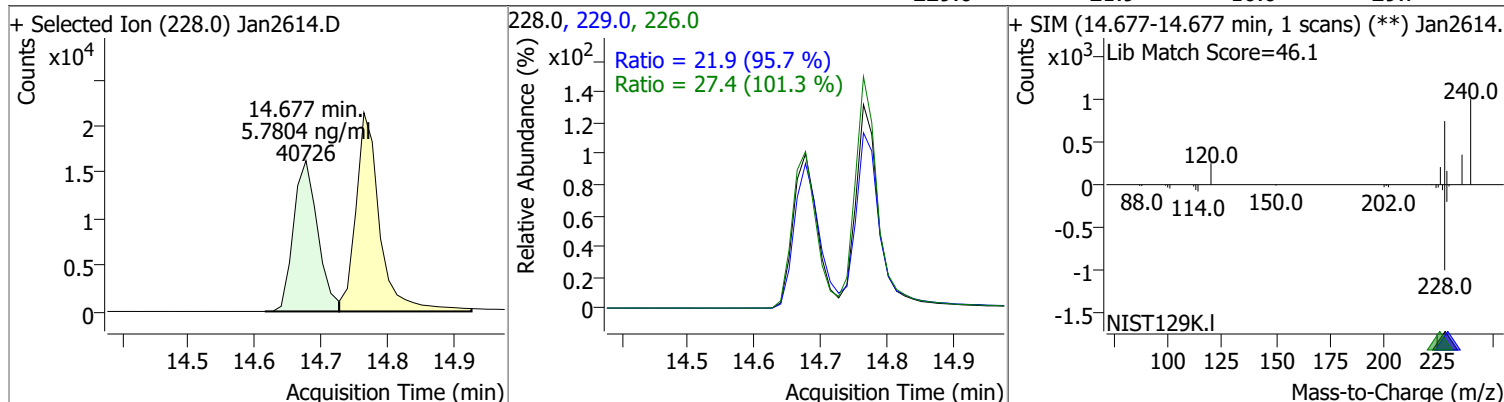
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	5.4083	11.77	-0.01	56330	101.0	14.1	10.8	20.0



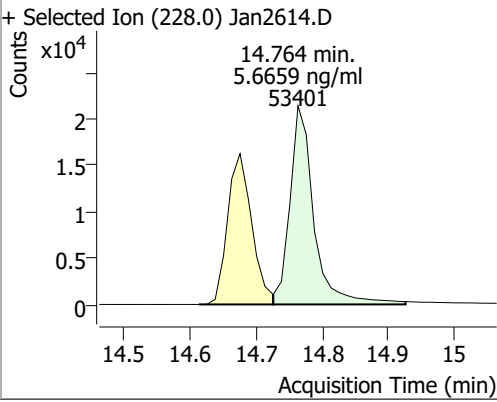
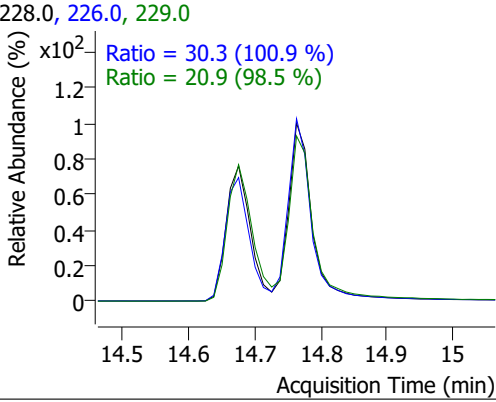
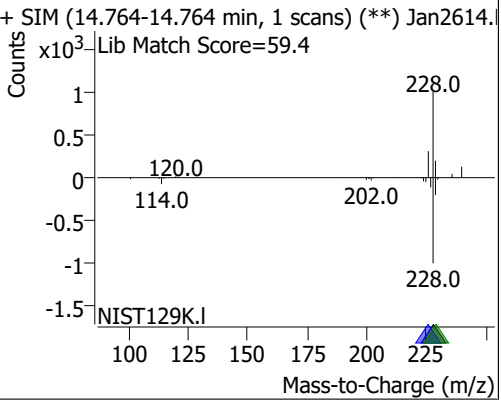
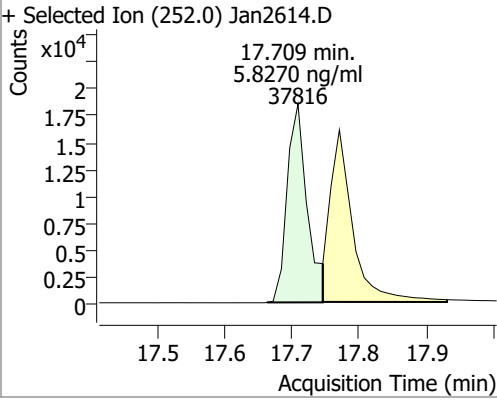
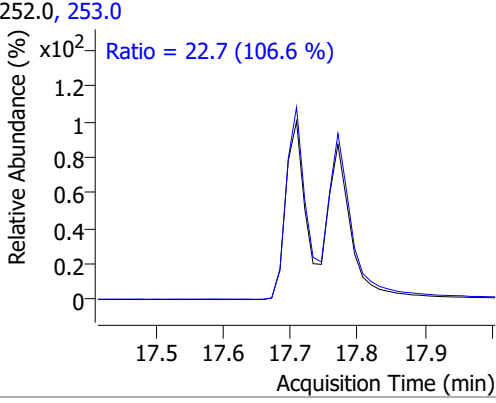
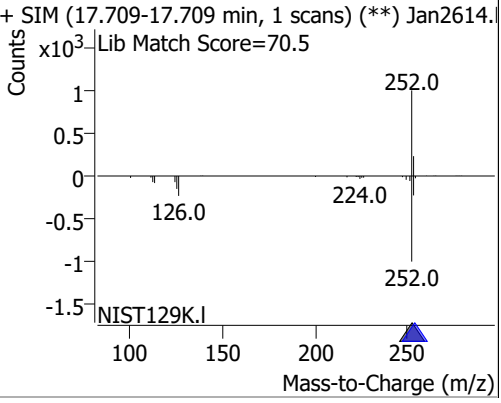
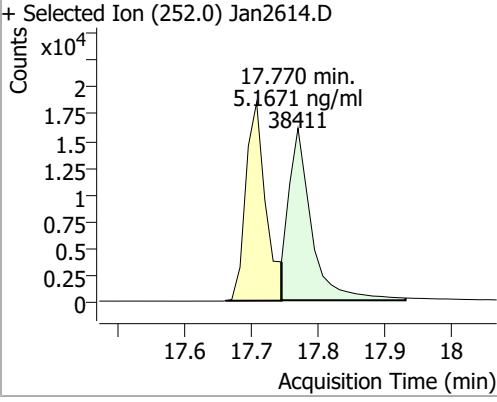
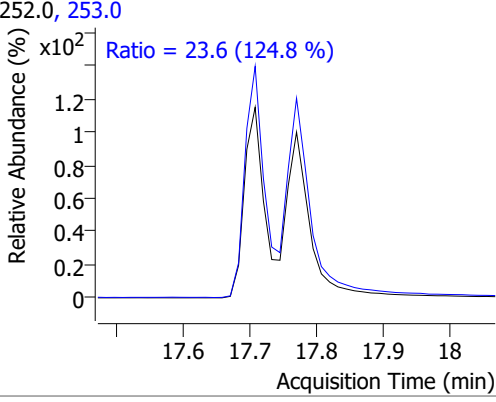
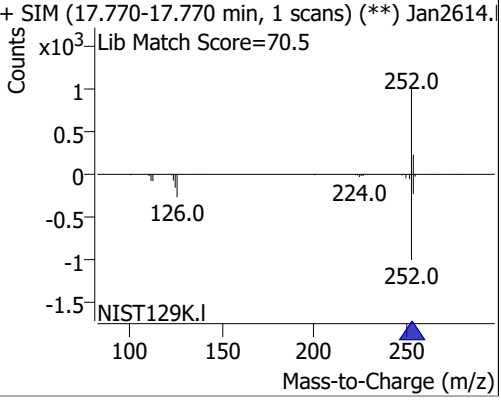
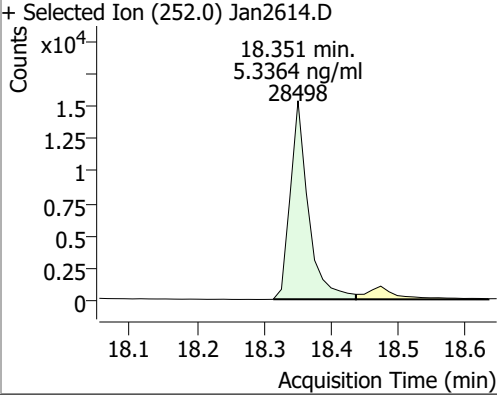
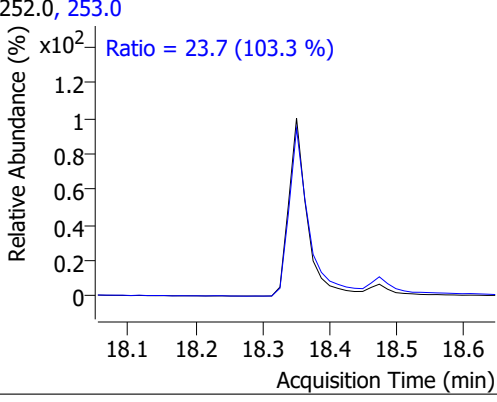
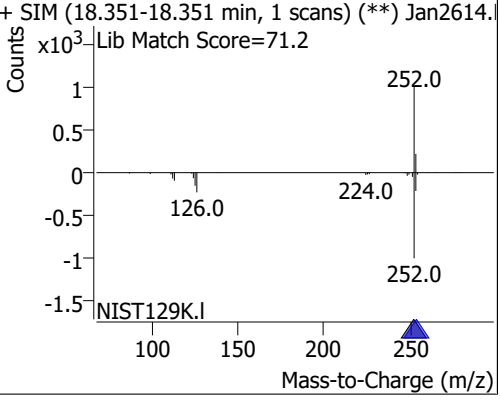
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	8.3166	12.25	0.00	34317	122.0	15.0	9.8	18.2



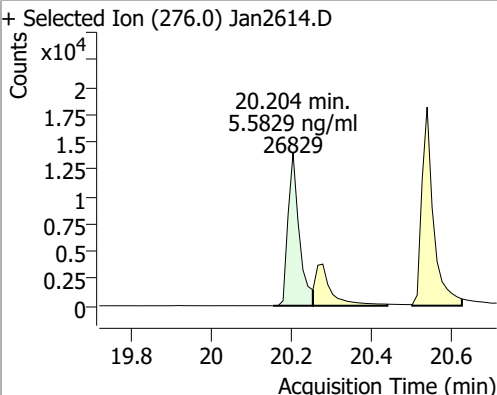
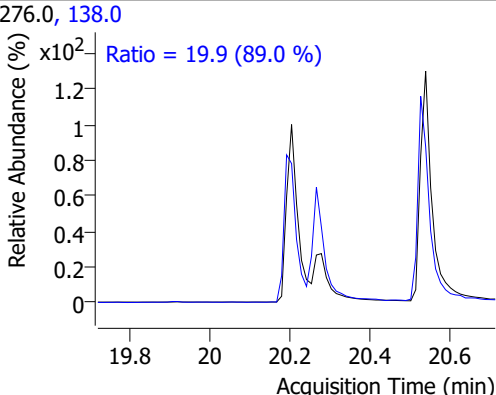
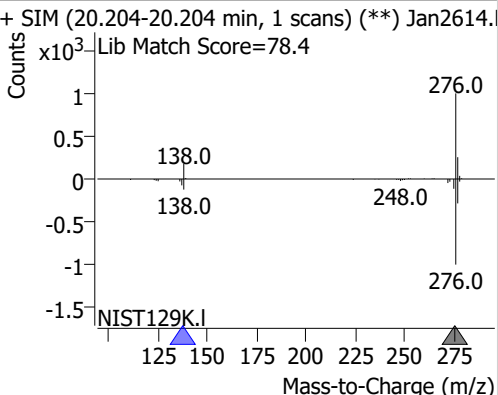
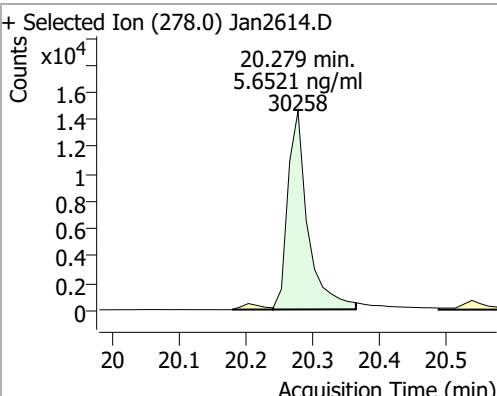
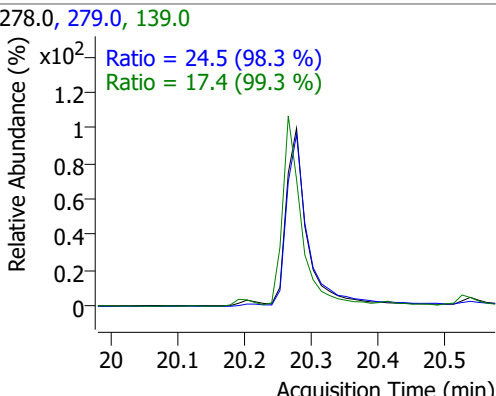
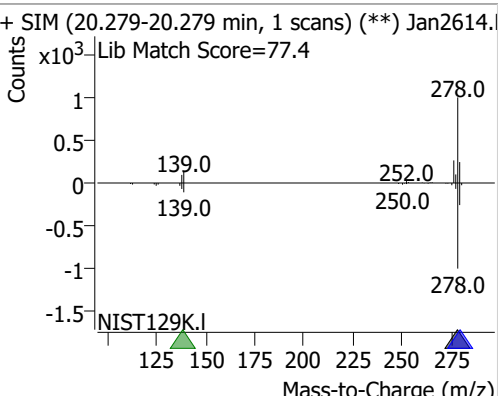
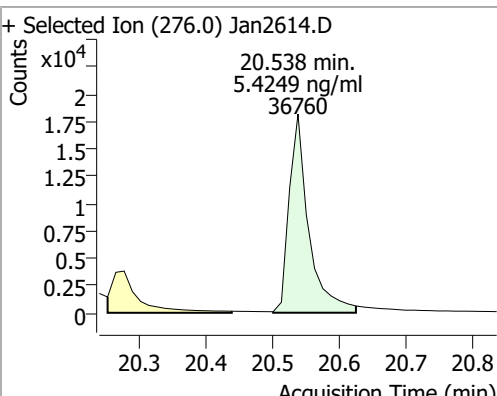
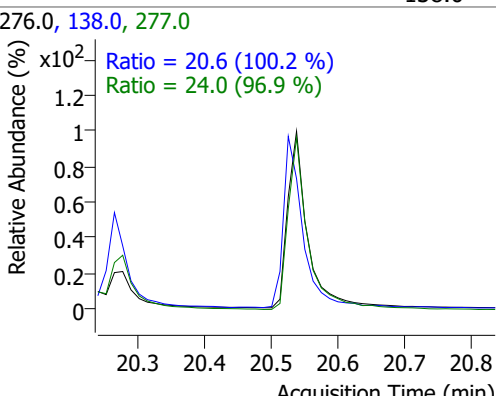
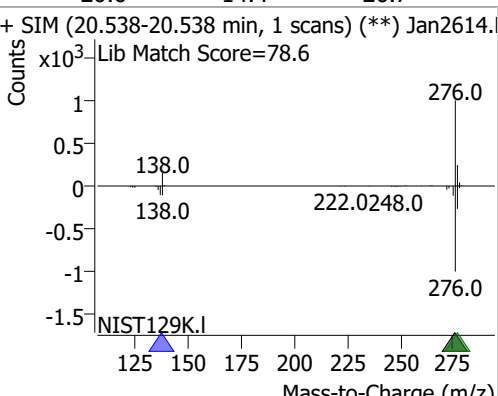
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	5.7804	14.68	0.00	40726	226.0 229.0	27.4 21.9	19.0 16.0	35.2 29.7



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	5.6659	14.76	0.00	53401	226.0 229.0	30.3 20.9	21.0 14.8	39.1 27.6
+ Selected Ion (228.0) Jan2614.D 			228.0, 226.0, 229.0 			+ SIM (14.764-14.764 min, 1 scans) (**) Jan2614. Lib Match Score=59.4 		
Benzo(b)fluoranthene	5.8270	17.71	0.00	37816	253.0	22.7	14.9	27.7
+ Selected Ion (252.0) Jan2614.D 			252.0, 253.0 			+ SIM (17.709-17.709 min, 1 scans) (**) Jan2614. Lib Match Score=70.5 		
Benzo(k)fluoranthene	5.1671	17.77	0.00	38411	253.0	23.6	13.2	24.6
+ Selected Ion (252.0) Jan2614.D 			252.0, 253.0 			+ SIM (17.770-17.770 min, 1 scans) (**) Jan2614. Lib Match Score=70.5 		
Benzo(a)pyrene	5.3364	18.35	0.00	28498	253.0	23.7	16.1	29.9
+ Selected Ion (252.0) Jan2614.D 			252.0, 253.0 			+ SIM (18.351-18.351 min, 1 scans) (**) Jan2614. Lib Match Score=71.2 		

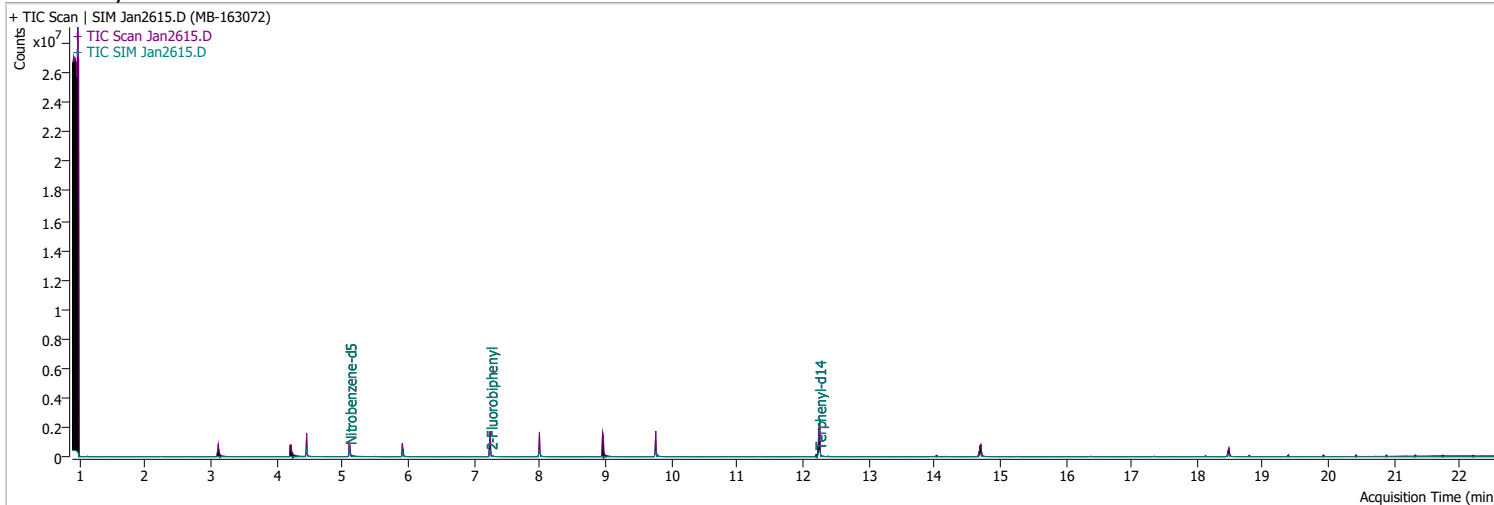
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	5.5829	20.20	-0.01	26829	138.0	19.9	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2614.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 19.9 (89.0 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan2614.D</p> <p>Lib Match Score=78.4</p>  </div> </div>								
Dibenzo(a,h)anthracene	5.6521	20.28	0.00	30258	279.0	24.5	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2614.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 24.5 (98.3 %)</p> <p>Ratio = 17.4 (99.3 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.279-20.279 min, 1 scans) (**) Jan2614.D</p> <p>Lib Match Score=77.4</p>  </div> </div>								
Benzo(g,h,i)perylene	5.4249	20.54	0.00	36760	277.0	24.0	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2614.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 20.6 (100.2 %)</p> <p>Ratio = 24.0 (96.9 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan2614.D</p> <p>Lib Match Score=78.6</p>  </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan2615.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/27/2022 12:20:23 AM
Sample Name	MB-163072	Instrument	GCMS
Vial	15	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)	QValue
<b>Internal Standards</b>							
M 1,4-Dichlorobenzene-d4	4.460	152.0	172173	40.0000	ng/ml	0.000	
M Naphthalene-d8	5.916	136.0	317892	40.0000	ng/ml	0.000	
M Acenaphthene-d10	8.001	164.0	196988	40.0000	ng/ml	0.000	
M Phenanthrene-d10	9.768	188.0	425122	40.0000	ng/ml	0.000	
M Chrysene-d12	14.702	240.0	338144	40.0000	ng/ml	0.000	
M Perylene-d12	18.475	264.0	225817	40.0000	ng/ml	0.000	
<b>System Monitoring Compounds</b>							
S Nitrobenzene-d5	5.106	82.0	514416	47.0502	ng/ml	-0.012	
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 941.00%		*	
S 2-Fluorobiphenyl	7.252	172.0	518104	58.1618	ng/ml	0.000	
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1163.24%		*	
S o-Terphenyl	0.000		0	N.D.			
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%			
S Terphenyl-d14	12.251	244.0	671652	79.2776	ng/ml	0.000	
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1585.55%		*	
<b>Target Compounds</b>							
T Naphthalene	0.000		0	N.D.			
T 2-Methylnaphthalene	0.000		0	N.D.			
T 1-Methylnaphthalene	0.000		0	N.D.			
T Acenaphthylene	0.000		0	N.D.			
T Acenaphthene	8.026	154.0	0		ng/ml	md	1
T Fluorene	8.960	166.0	0		ng/ml	md	1
T Phenanthrene	0.000		0	N.D.			
T Anthracene	0.000		0	N.D.			
T Fluoranthene	0.000		0	N.D.			
T Pyrene	0.000		0	N.D.			
T Benzo(a)Anthracene	14.702	228.0	0		ng/ml	md	1
T Chrysene	14.702	228.0	0		ng/ml	md	1
T Benzo(b)fluoranthene	0.000		0	N.D.			

# Quantitation Results Report (QT Reviewed)

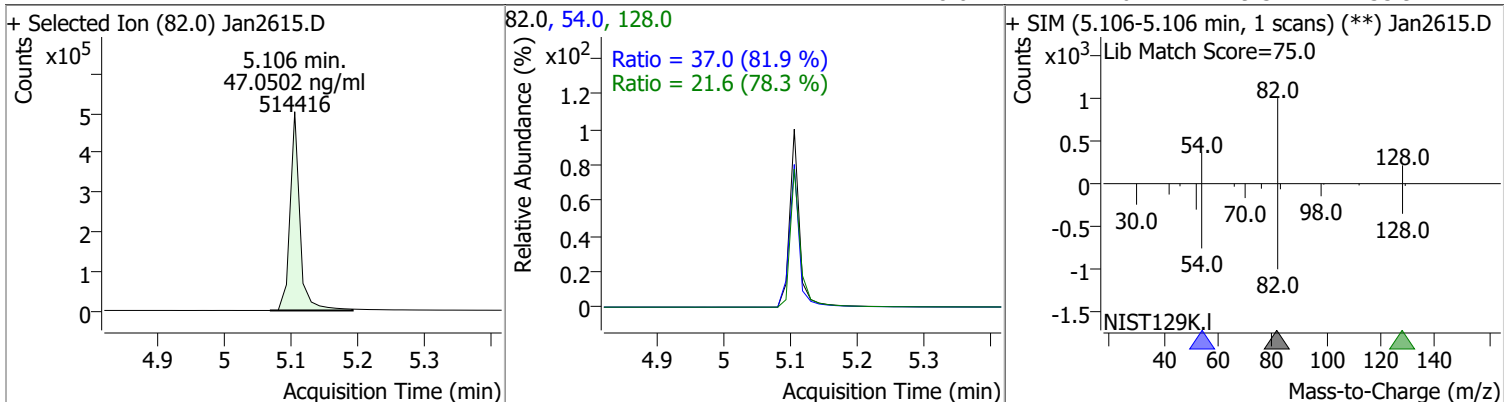
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.475	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

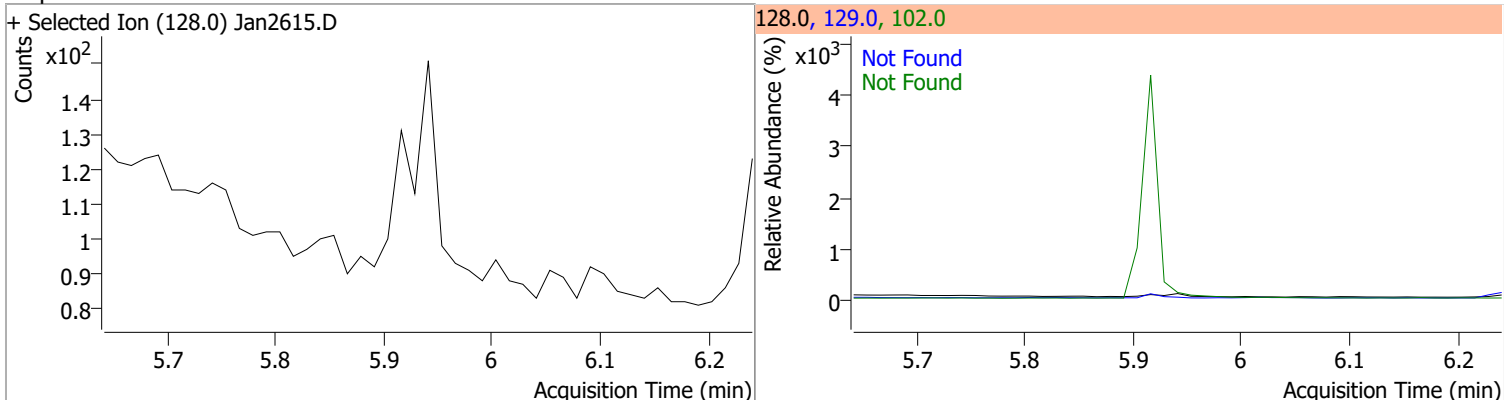


# Quantitation Results Report (QT Reviewed)

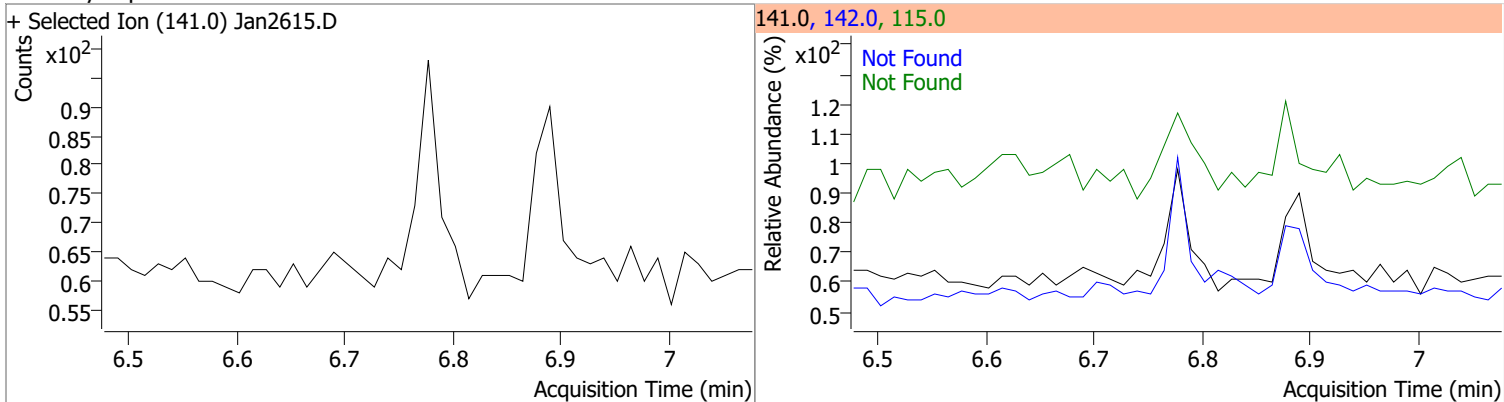
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	47.0502	5.11	-0.01	514416	54.0	37.0	31.6	58.8
					128.0	21.6	19.3	35.9



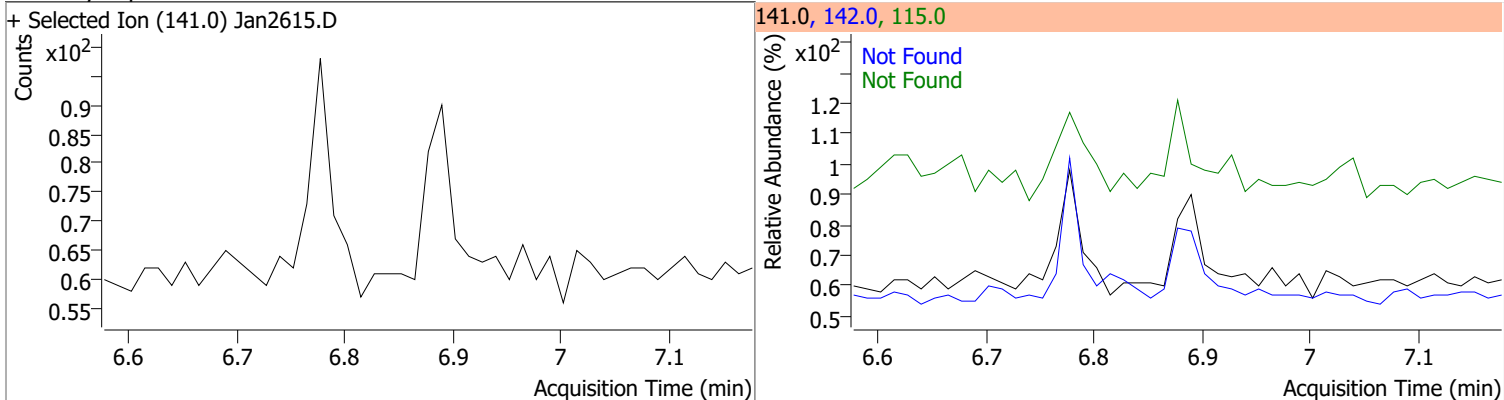
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1

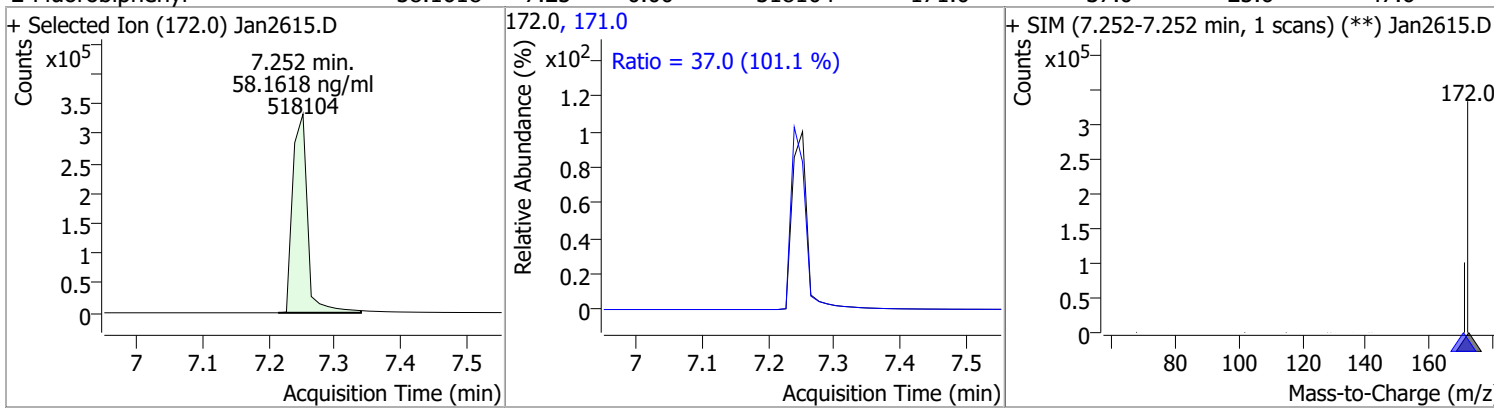


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3

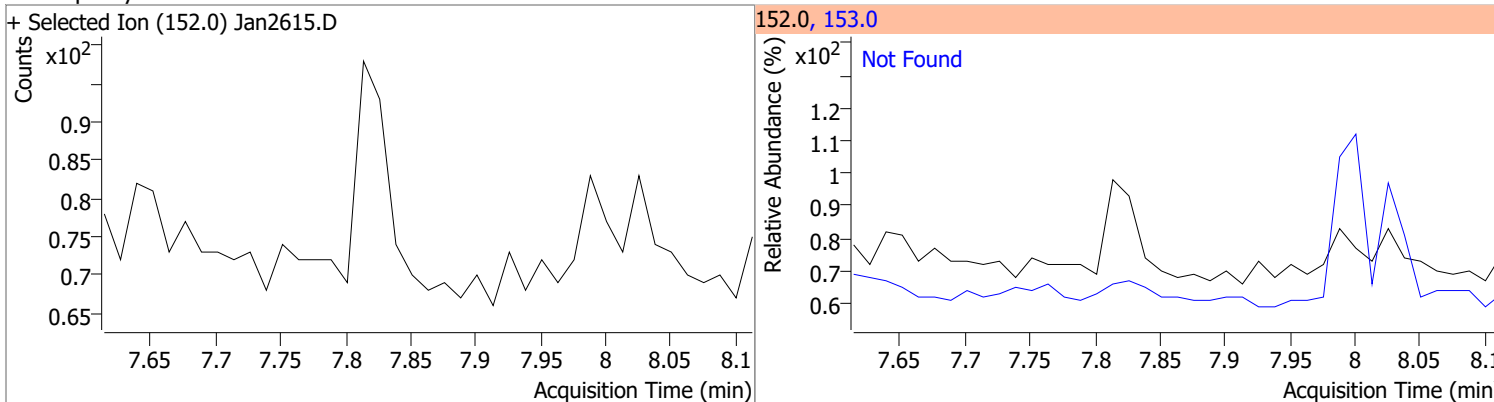


# Quantitation Results Report (QT Reviewed)

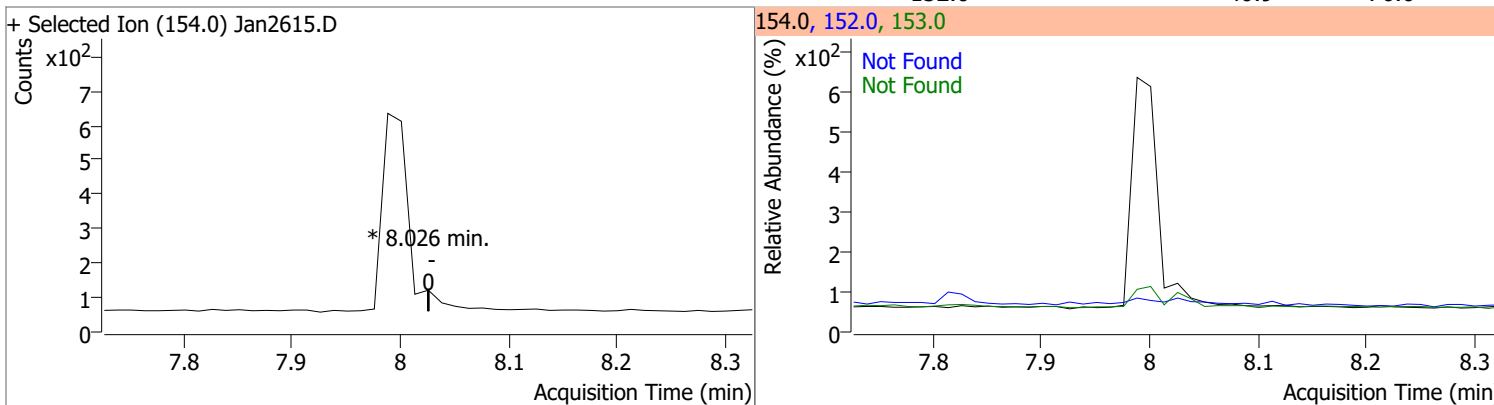
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	58.1618	7.25	0.00	518104	171.0	37.0	25.6	47.6



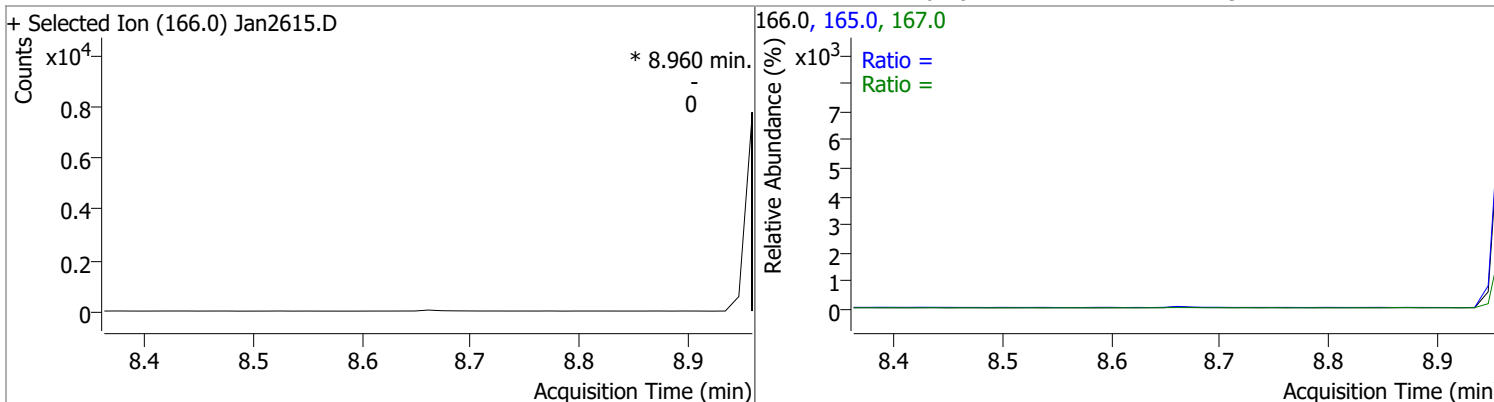
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.81	153.0	13.1



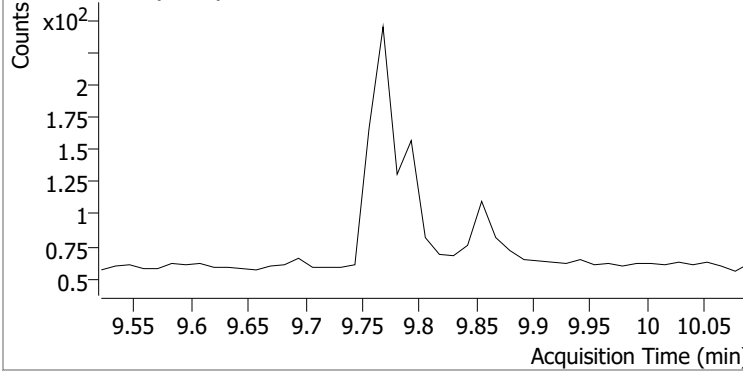
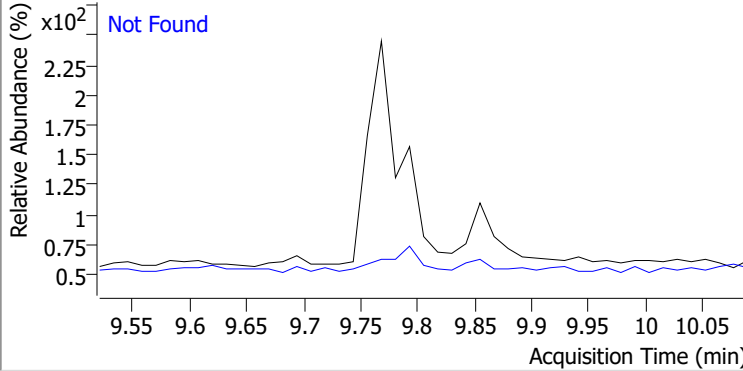
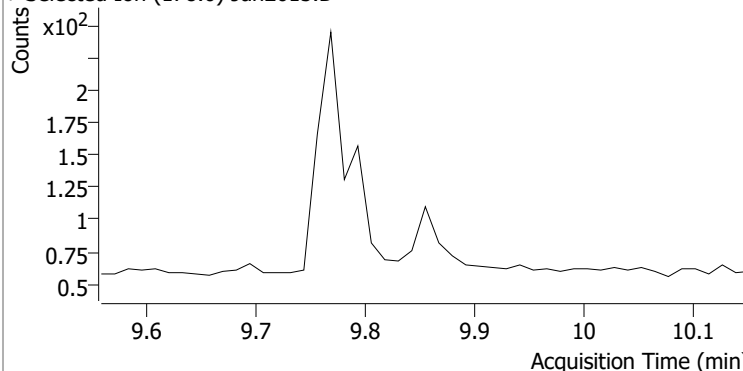
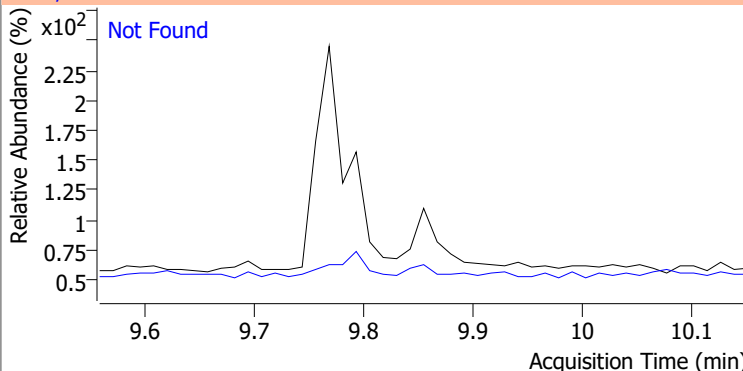
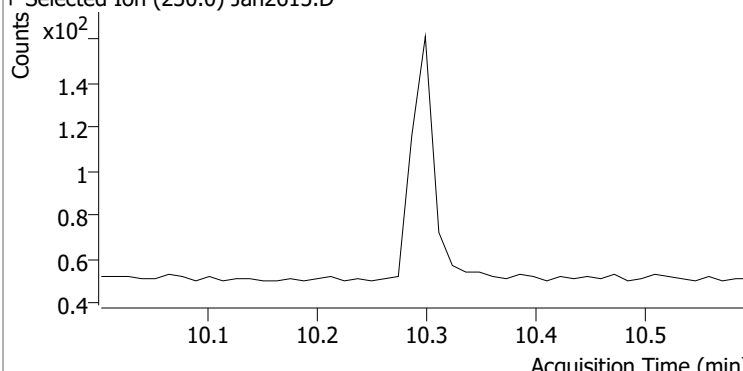
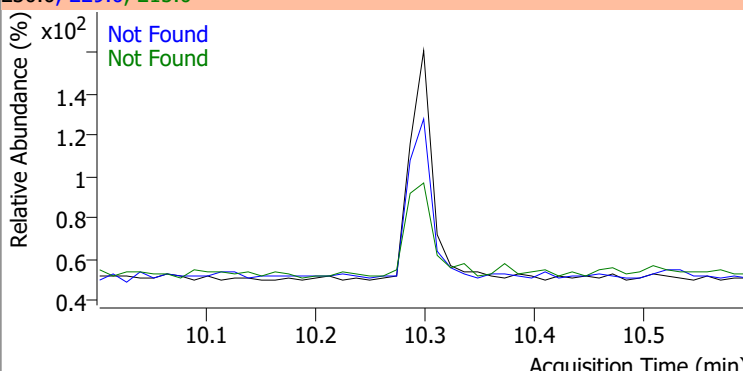
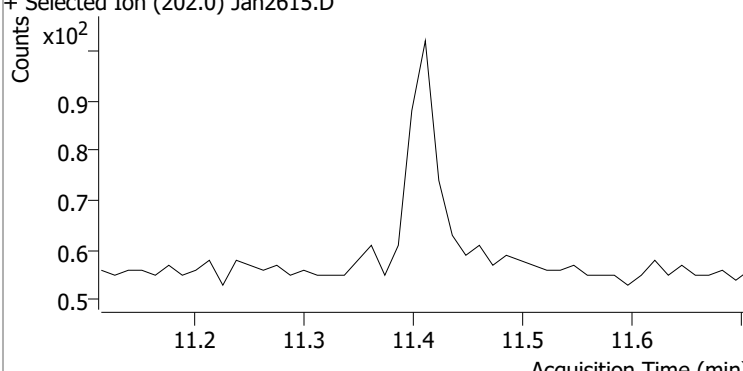
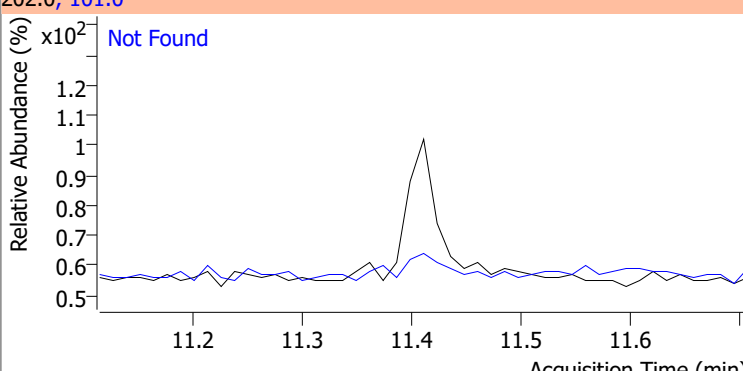
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		83.9	155.8
					152.0		40.9	76.0



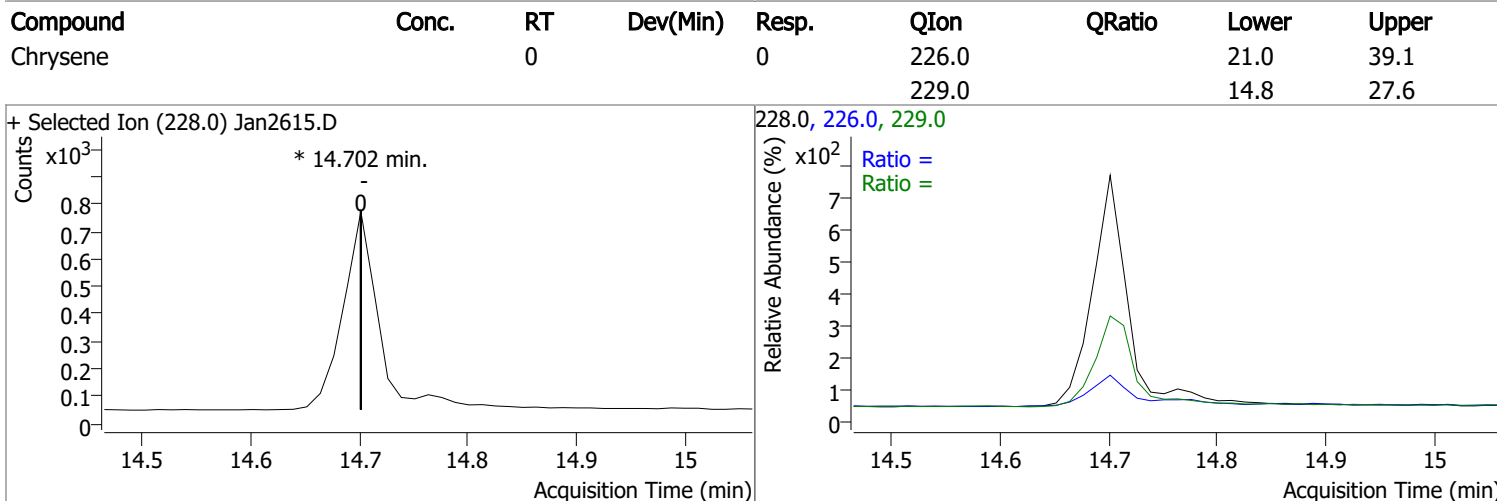
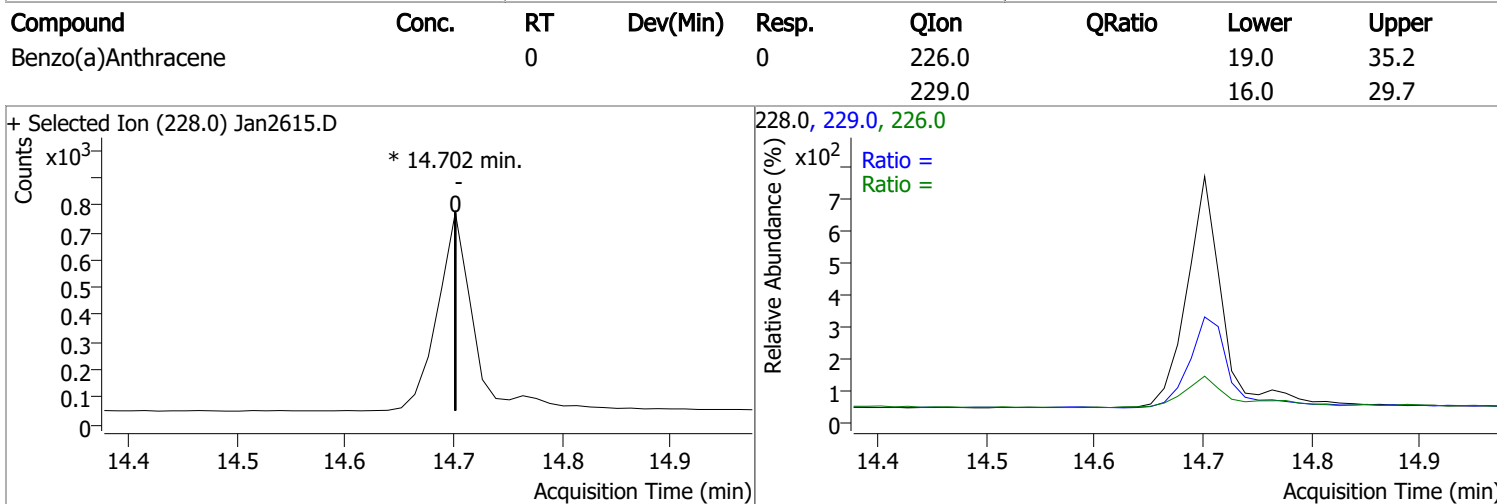
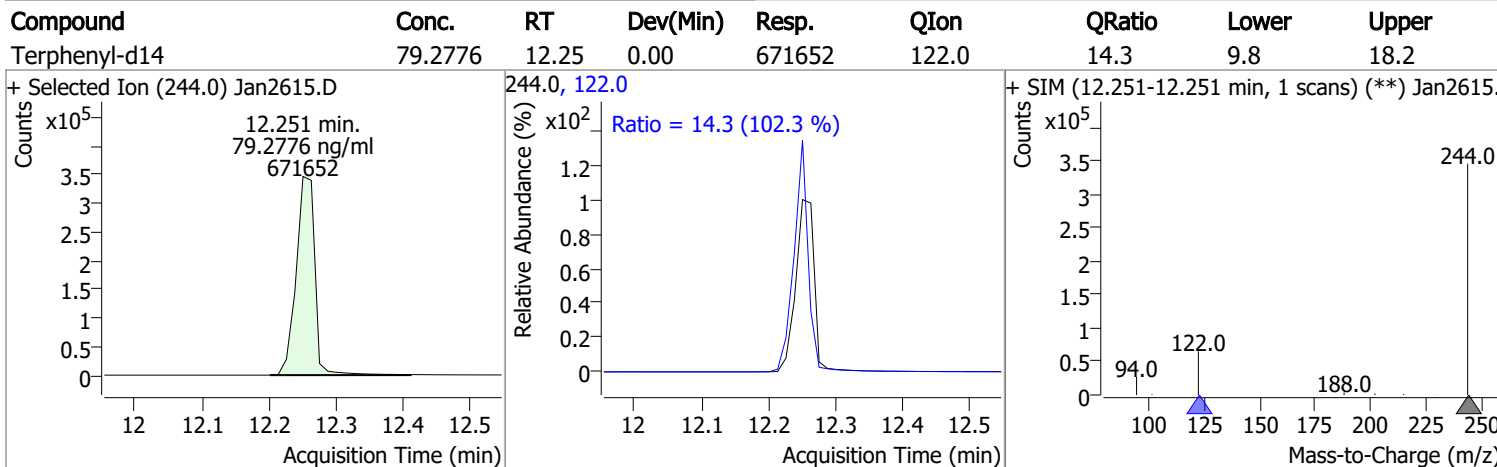
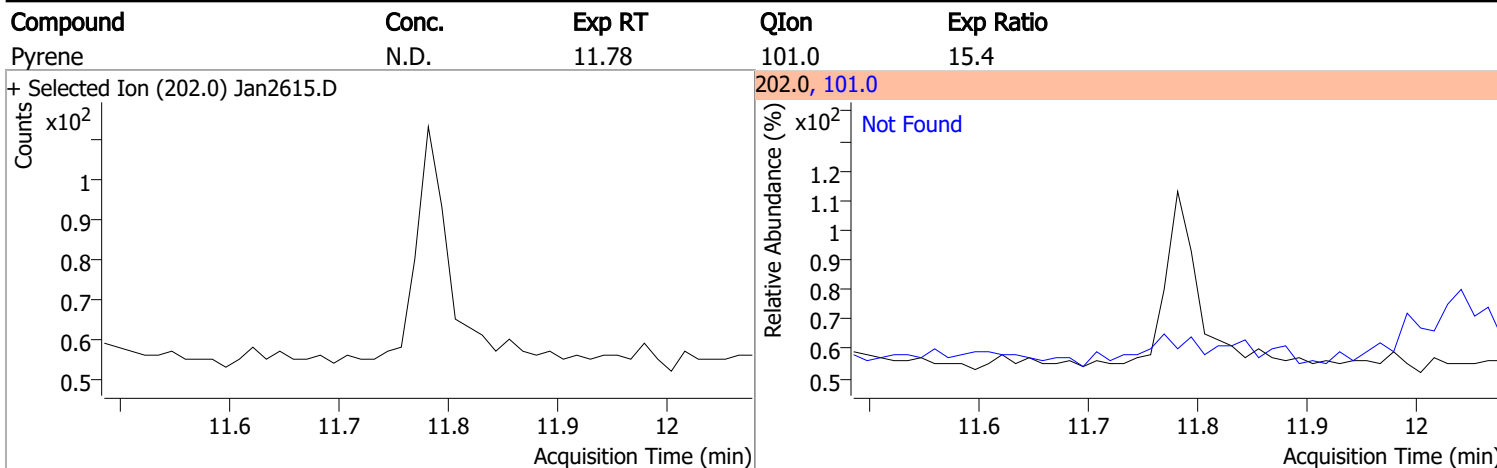
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		67.0	124.5
					167.0		9.2	17.1



# Quantitation Results Report (QT Reviewed)

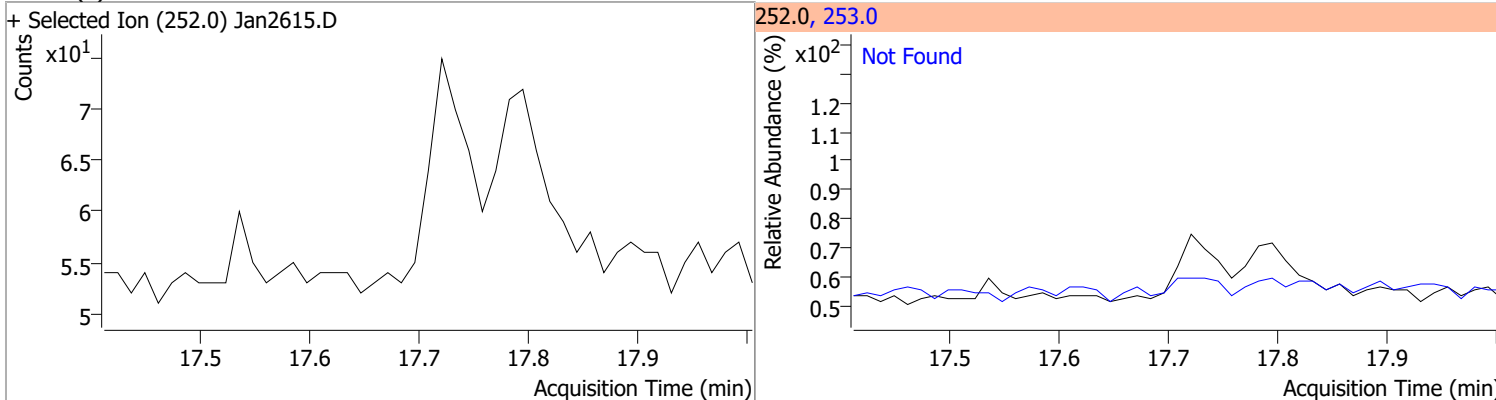
Compound	Conc.	Exp RT	QIon	Exp Ratio		
Phenanthrene	N.D.	9.79	176.0	18.9		
+ Selected Ion (178.0) Jan2615.D			178.0, 176.0			
						
Anthracene	N.D.	9.85	176.0	18.3		
+ Selected Ion (178.0) Jan2615.D			178.0, 176.0			
						
o-Terphenyl	N.D.	10.30	229.0	67.3	QIon	Exp Ratio
			215.0	44.4		
+ Selected Ion (230.0) Jan2615.D			230.0, 229.0, 215.0			
						
Fluoranthene	N.D.	11.41	101.0	12.5		
+ Selected Ion (202.0) Jan2615.D			202.0, 101.0			
						

# Quantitation Results Report (QT Reviewed)

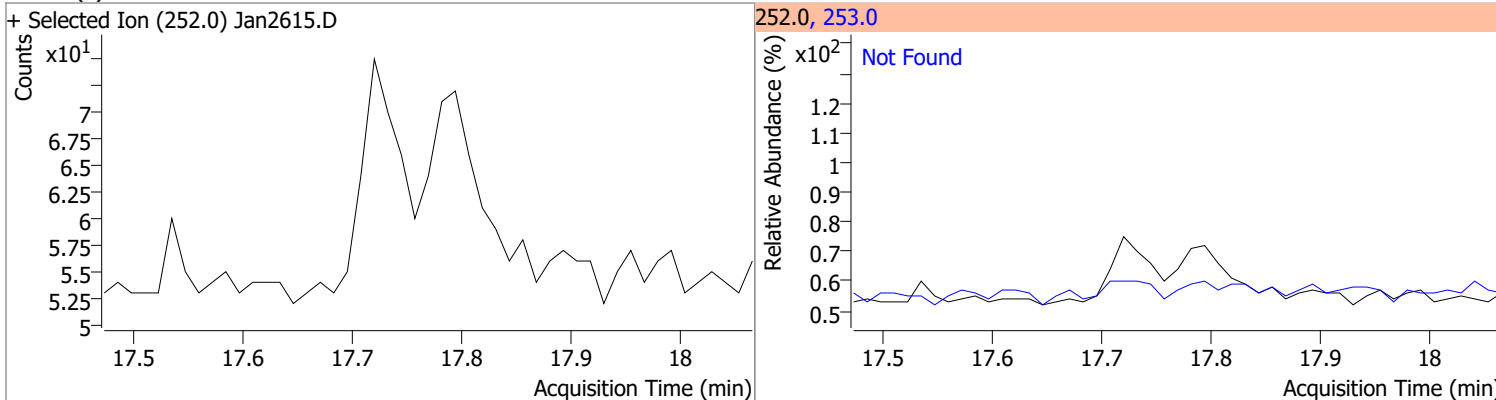


# Quantitation Results Report (QT Reviewed)

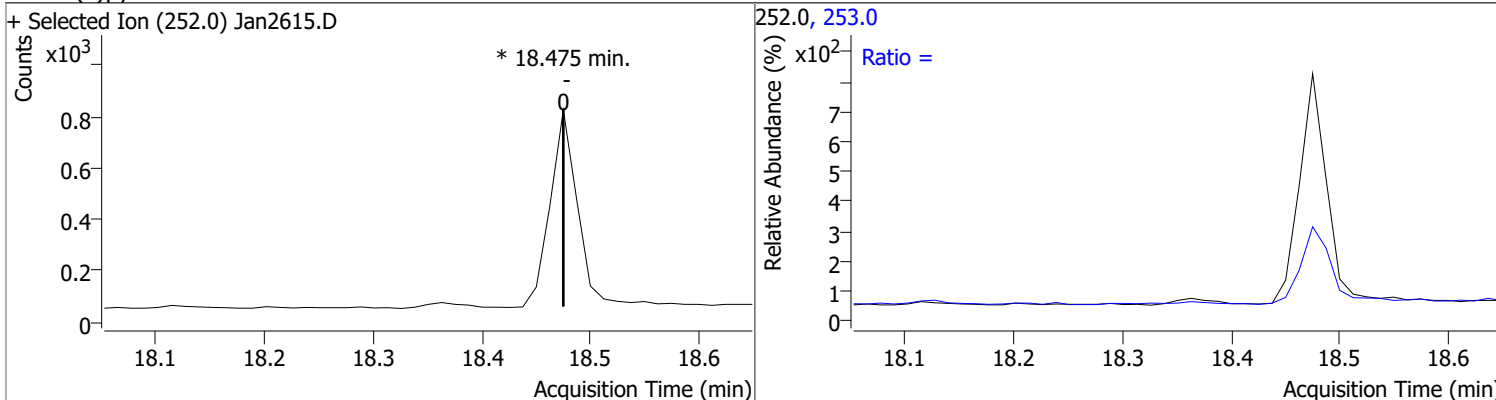
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.71	253.0	21.3



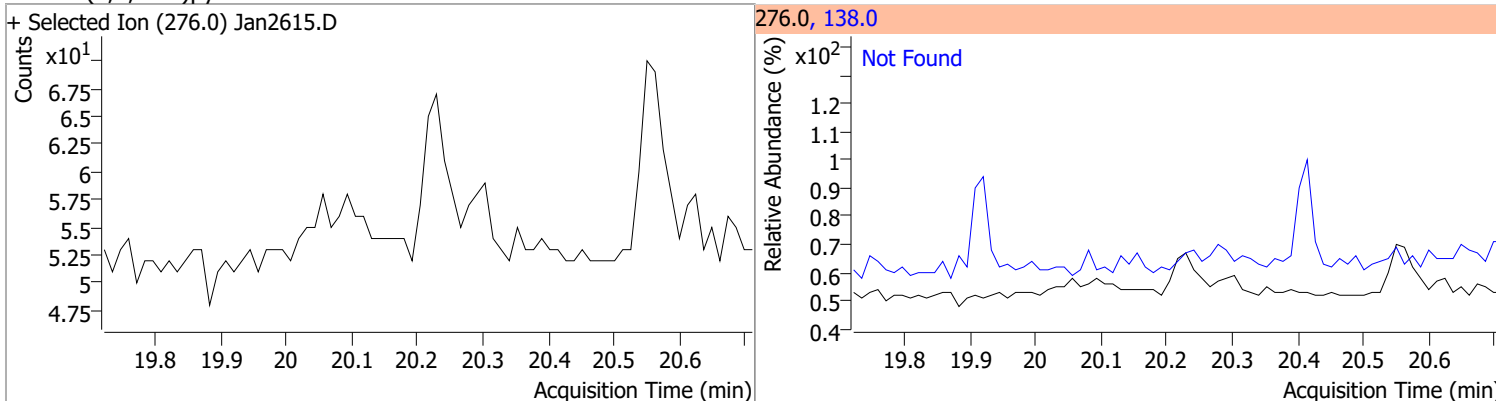
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.77	253.0	18.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.1	29.9

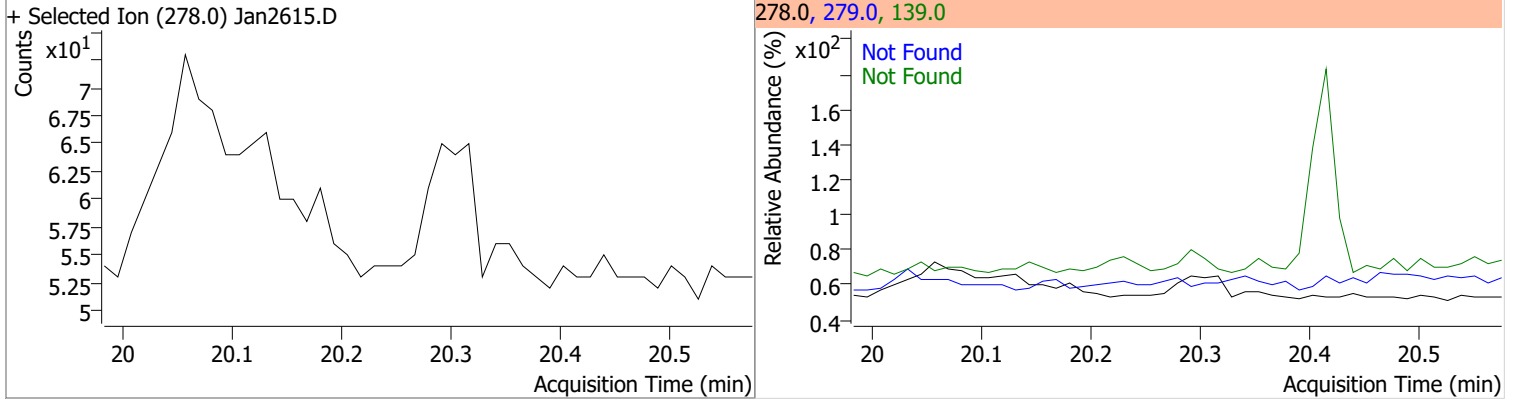


Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.22	138.0	22.4

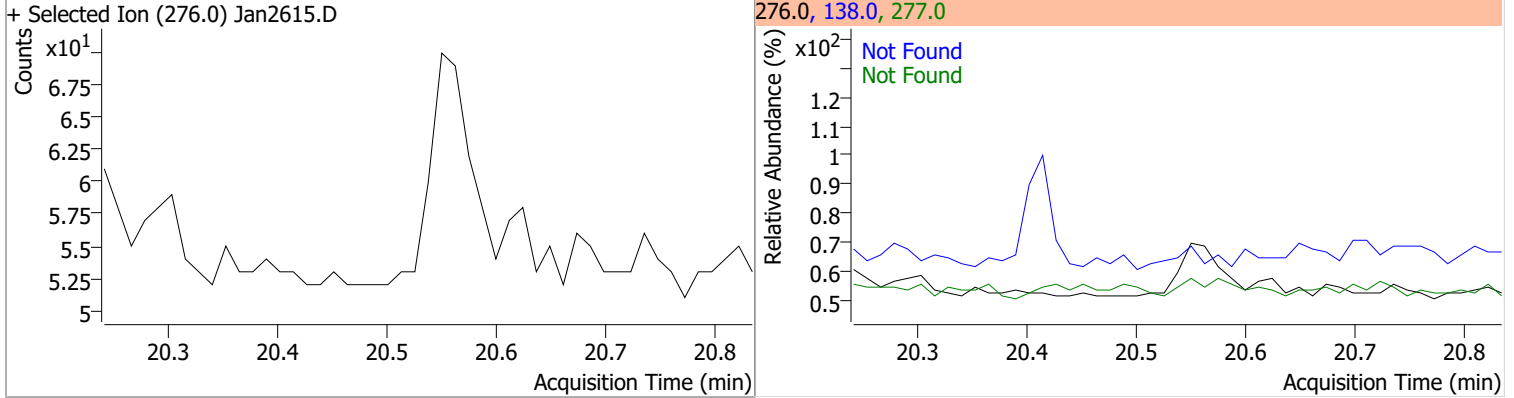


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.28	279.0	24.9	139.0	17.5



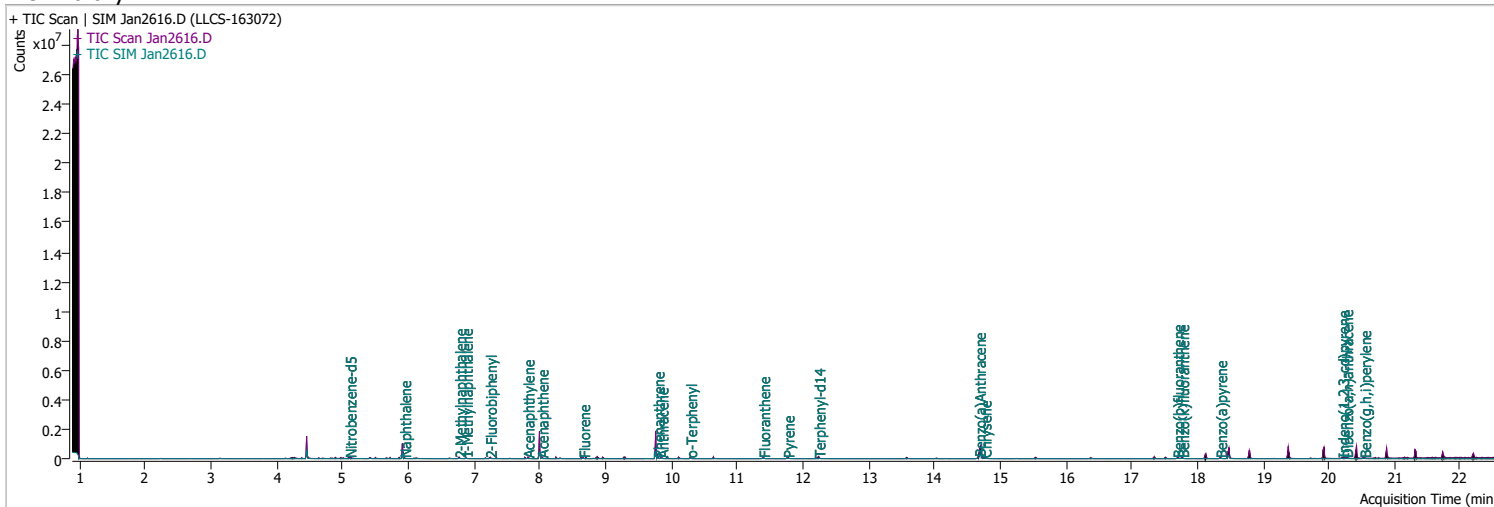
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.54	277.0	24.8	138.0	20.5



# Quantitation Results Report (QT Reviewed)

Data File	Jan2616.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/27/2022 12:52:44 AM
Sample Name	LLCS-163072	Instrument	GCMS
Vial	16	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.460	152.0	177996	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	332991	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	212076	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	456798	40.0000	ng/ml	0.000
M Chrysene-d12	14.702	240.0	360291	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	248979	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	20525	4.6425	ng/ml	-0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%		Recovery = 92.85%			
S 2-Fluorobiphenyl	7.240	172.0	31562	3.7952	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%		Recovery = 75.90%			
S o-Terphenyl	10.287	230.0	32009	4.6544	ng/ml	-0.012
Spiked Amount: 5.000	Range: 40.0 - 140.0%		Recovery = 93.09%			
S Terphenyl-d14	12.238	244.0	33685	5.6414	ng/ml	-0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%		Recovery = 112.83%		*	
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	21766	2.5376	ng/ml	95
T 2-Methylnaphthalene	6.777	141.0	13324	2.5693	ng/ml	75
T 1-Methylnaphthalene	6.877	141.0	13519	2.5743	ng/ml	96
T Acenaphthylene	7.814	152.0	33683	3.4861	ng/ml	97
T Acenaphthene	8.025	154.0	20377	3.3745	ng/ml	98
T Fluorene	8.661	166.0	28496	3.4655	ng/ml	98
T Phenanthrene	9.793	178.0	53778	4.5253	ng/ml	99
T Anthracene	9.854	178.0	54485	5.1076	ng/ml	100
T Fluoranthene	11.398	202.0	72587	5.2007	ng/ml	98
T Pyrene	11.769	202.0	78676	5.1530	ng/ml	96
T Benzo(a)Anthracene	14.677	228.0	59874	5.7857	ng/ml	99
T Chrysene	14.764	228.0	75577	5.4542	ng/ml	99
T Benzo(b)fluoranthene	17.696	252.0	54415	5.3163	ng/ml	98

# Quantitation Results Report (QT Reviewed)

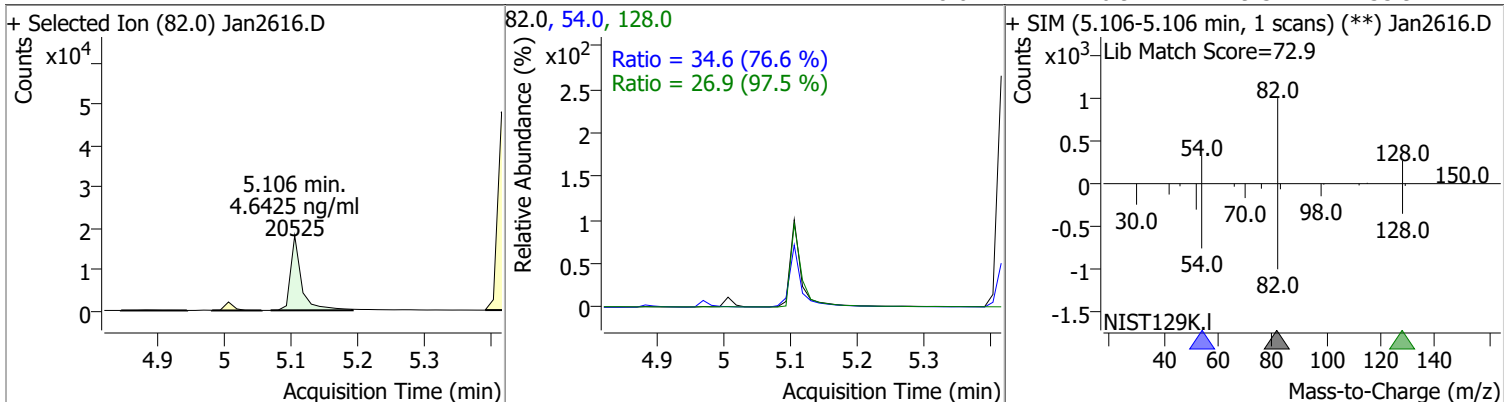
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	57545	4.8622	ng/ml	92
T Benzo(a)pyrene	18.351	252.0	44917	5.2803	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.204	276.0	41441	5.4261	ng/ml	96
T Dibenzo(a,h)anthracene	20.266	278.0	48642	5.6959	ng/ml	98
T Benzo(g,h,i)perylene	20.538	276.0	57184	5.2984	ng/ml	98

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

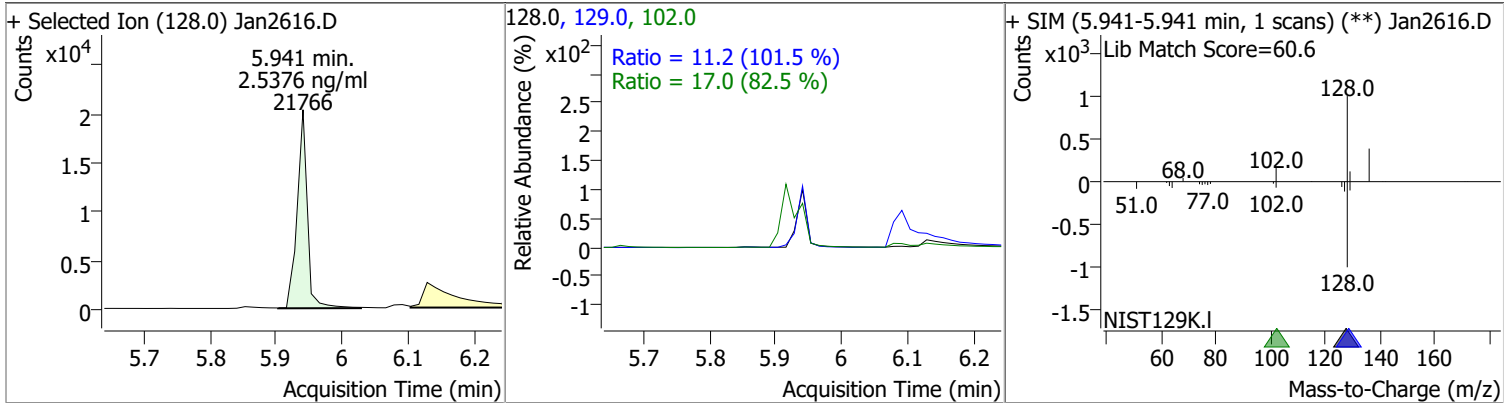


# Quantitation Results Report (QT Reviewed)

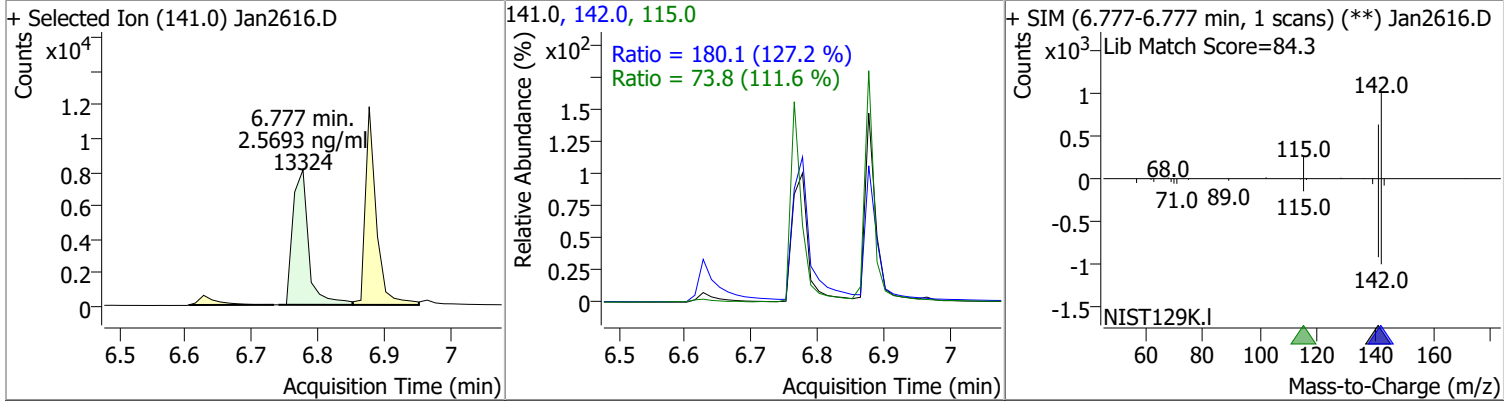
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	4.6425	5.11	-0.01	20525	54.0	34.6	31.6	58.8
					128.0	26.9	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.5376	5.94	0.00	21766	102.0	17.0	0.0	61.8
					129.0	11.2	7.7	14.3

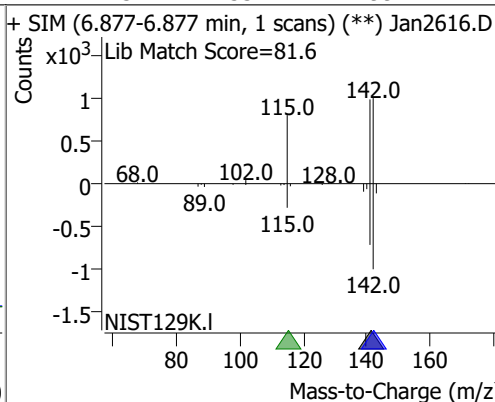
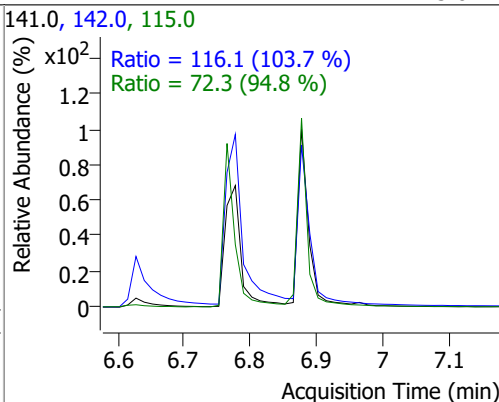
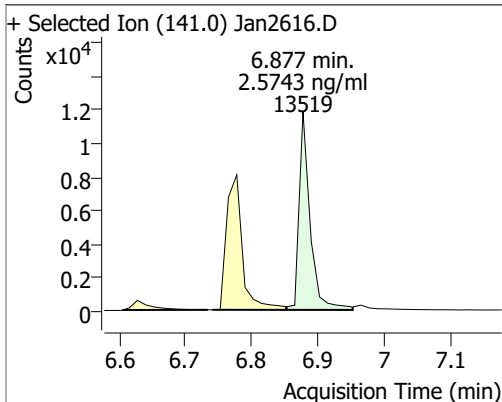


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	2.5693	6.78	0.00	13324	142.0	180.1	99.1	184.0
					115.0	73.8	46.3	86.0

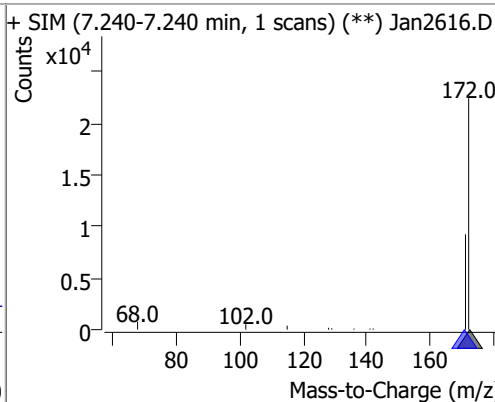
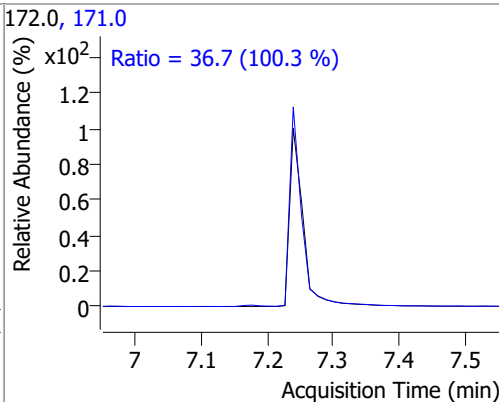
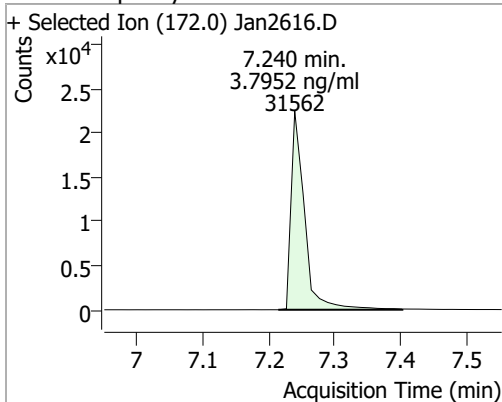


# Quantitation Results Report (QT Reviewed)

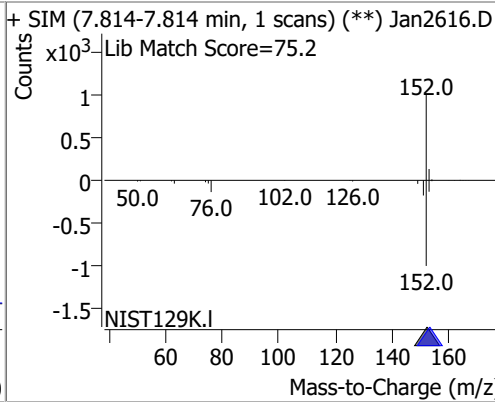
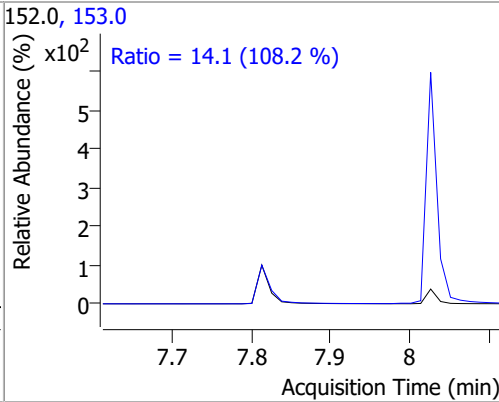
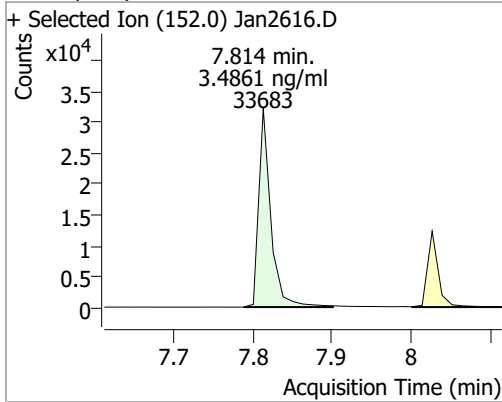
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.5743	6.88	0.00	13519	142.0	116.1	78.3	145.5
					115.0	72.3	53.4	99.2



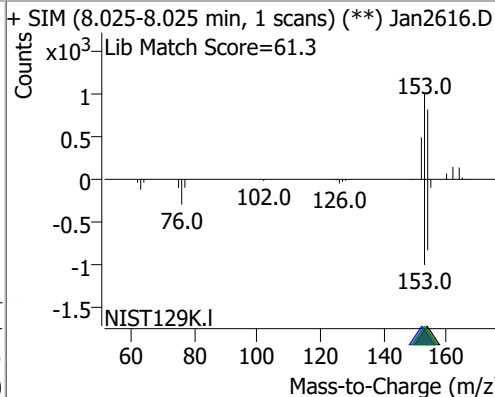
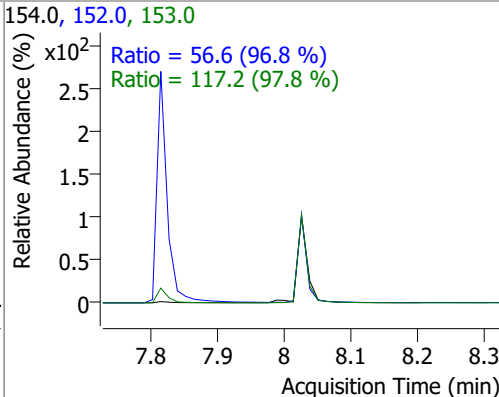
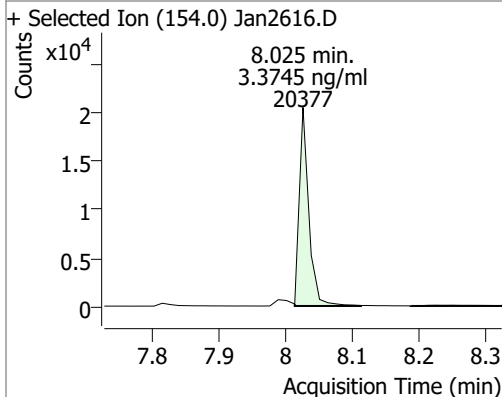
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	3.7952	7.24	-0.01	31562	171.0	36.7	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	3.4861	7.81	0.00	33683	153.0	14.1	9.1	17.0

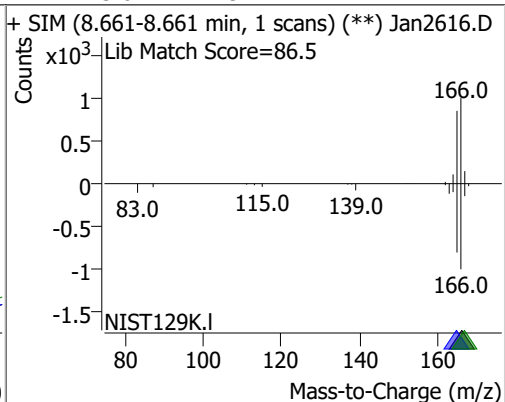
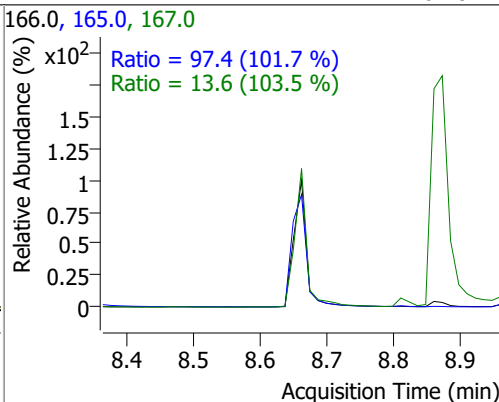
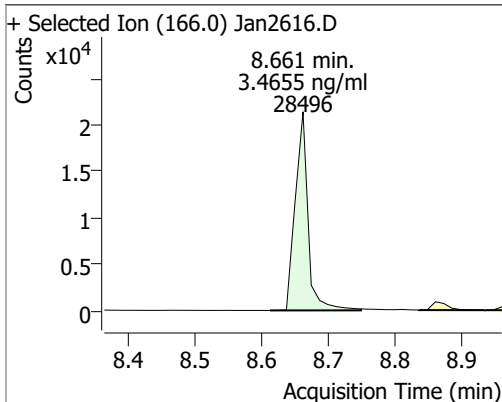


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	3.3745	8.03	0.00	20377	153.0	117.2	83.9	155.8
					152.0	56.6	40.9	76.0

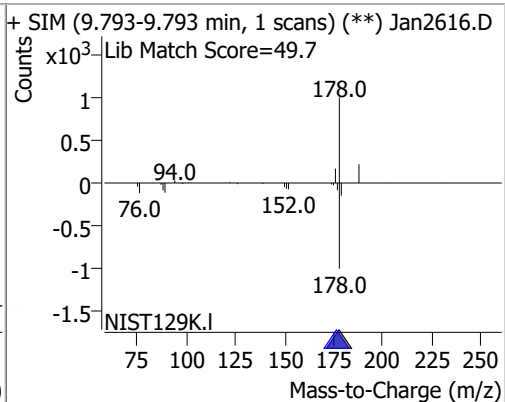
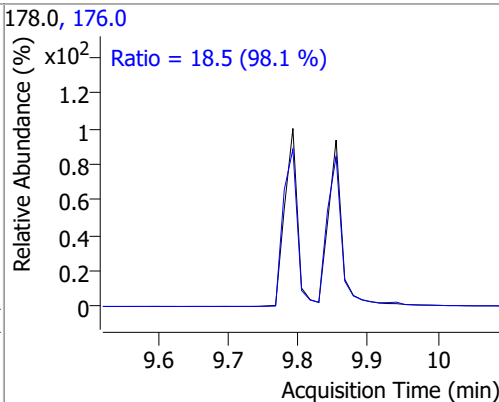
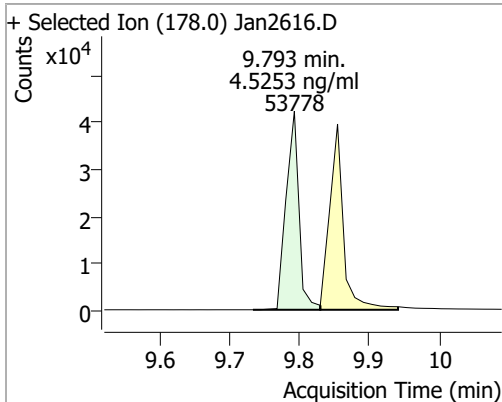


# Quantitation Results Report (QT Reviewed)

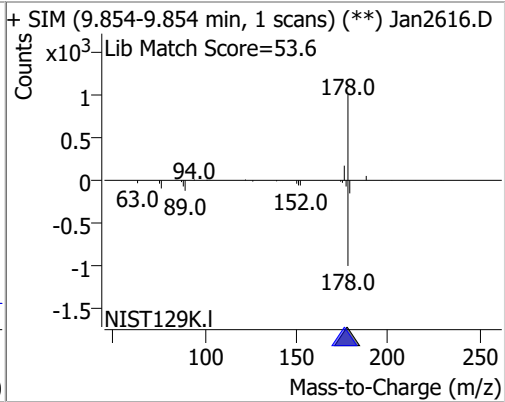
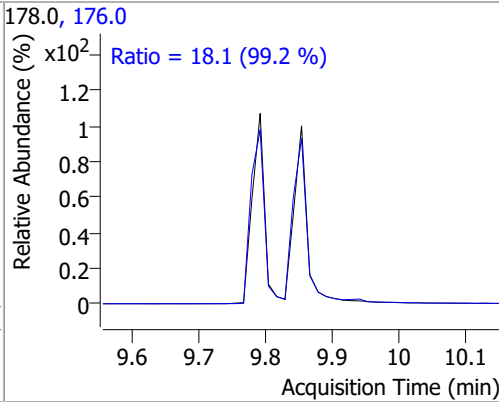
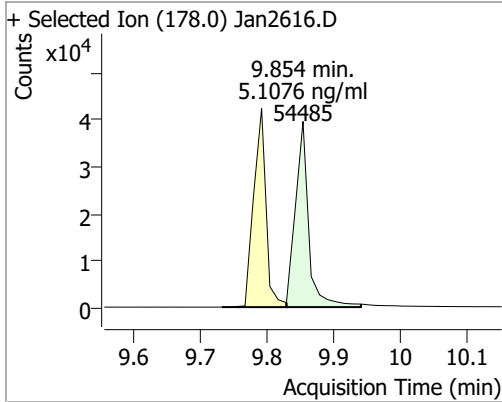
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.4655	8.66	0.00	28496	165.0	97.4	67.0	124.5
					167.0	13.6	9.2	17.1



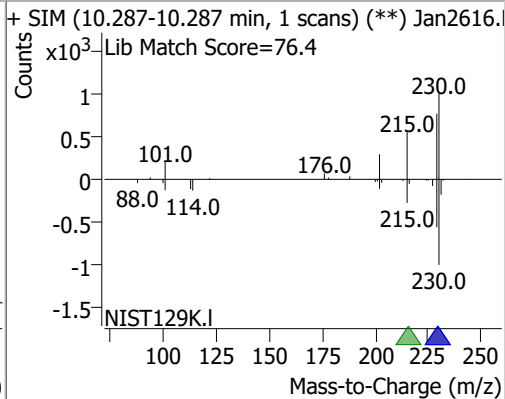
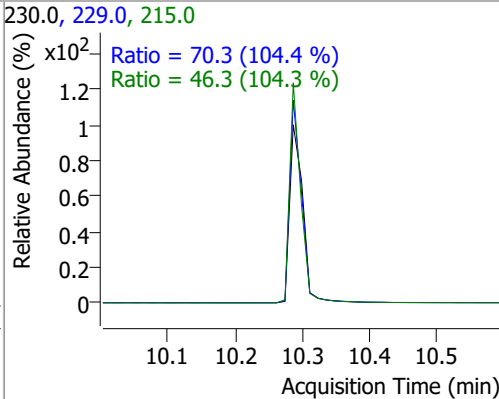
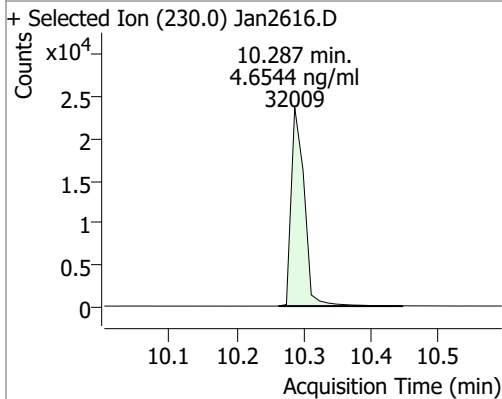
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.5253	9.79	0.00	53778	176.0	18.5	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	5.1076	9.85	0.00	54485	176.0	18.1	12.8	23.8

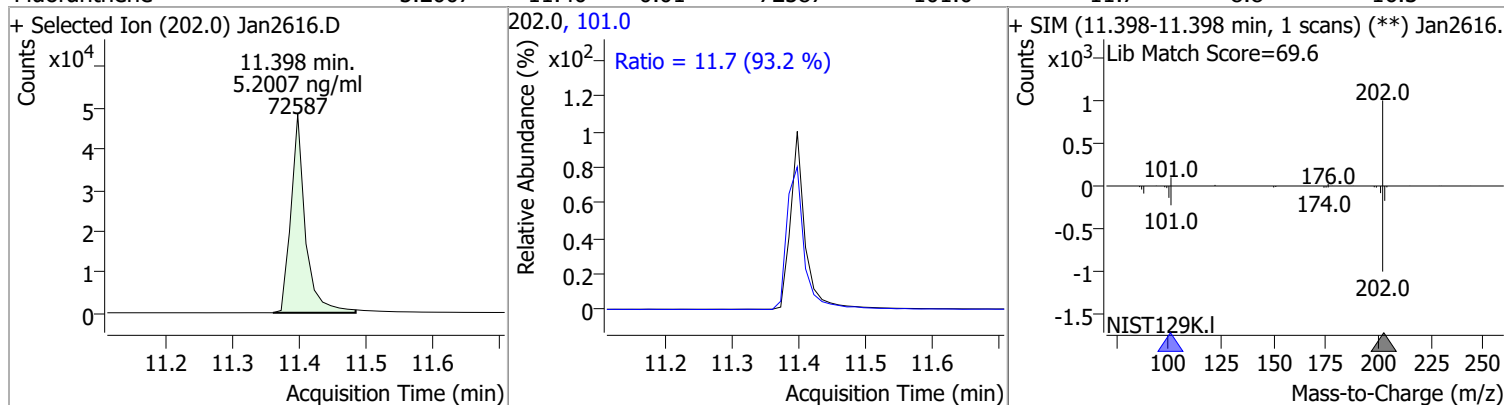


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.6544	10.29	-0.01	32009	229.0	70.3	47.1	87.5
					215.0	46.3	31.1	57.7

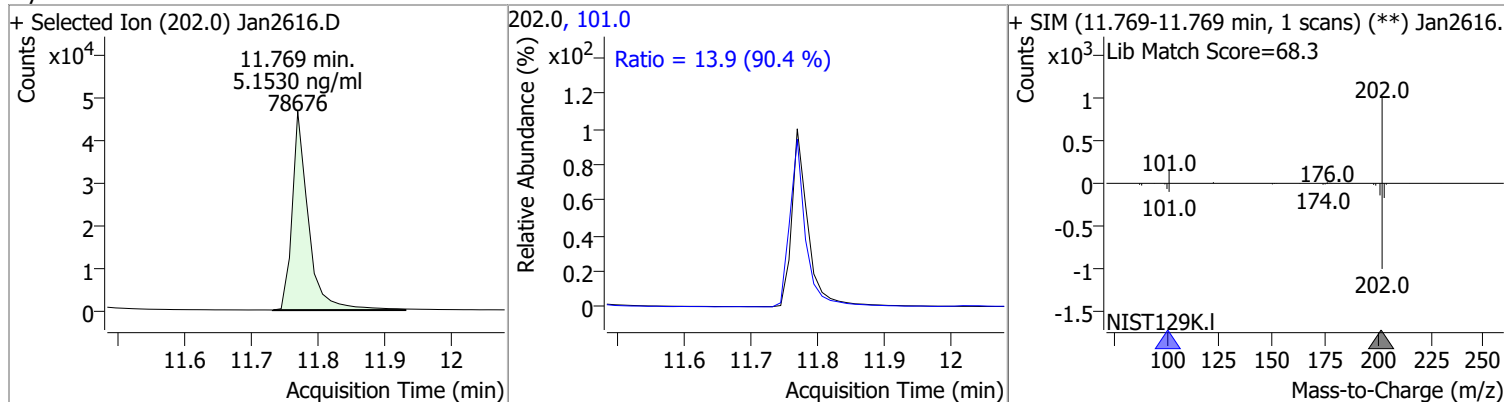


# Quantitation Results Report (QT Reviewed)

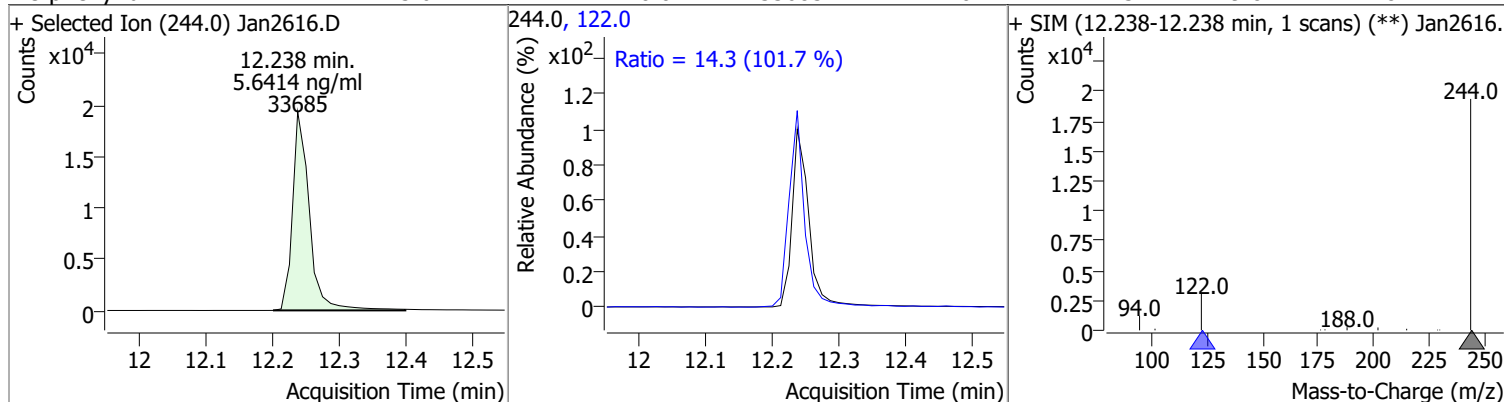
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	5.2007	11.40	-0.01	72587	101.0	11.7	8.8	16.3



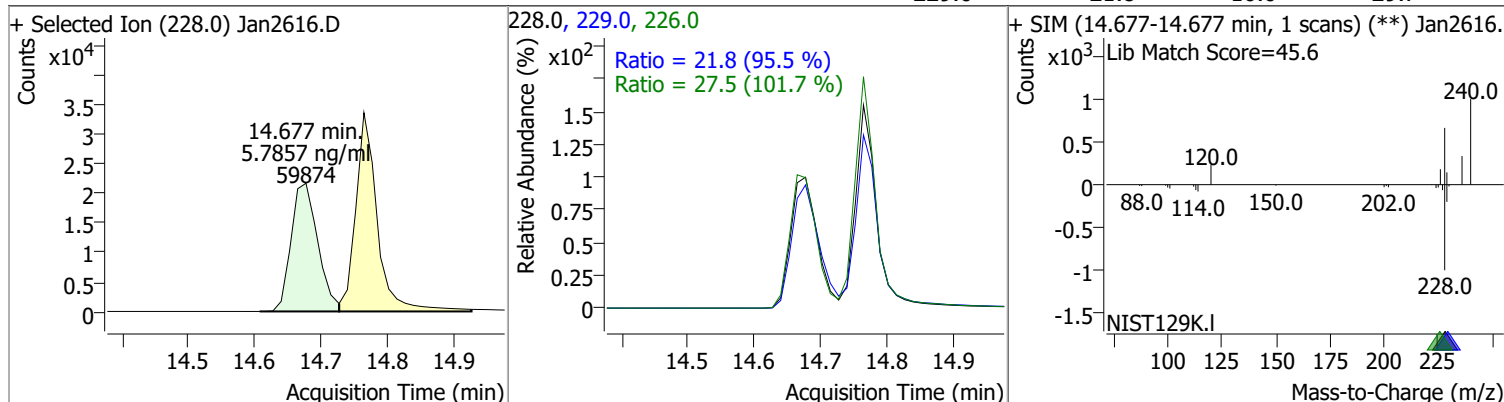
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	5.1530	11.77	-0.01	78676	101.0	13.9	10.8	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	5.6414	12.24	-0.01	33685	122.0	14.3	9.8	18.2

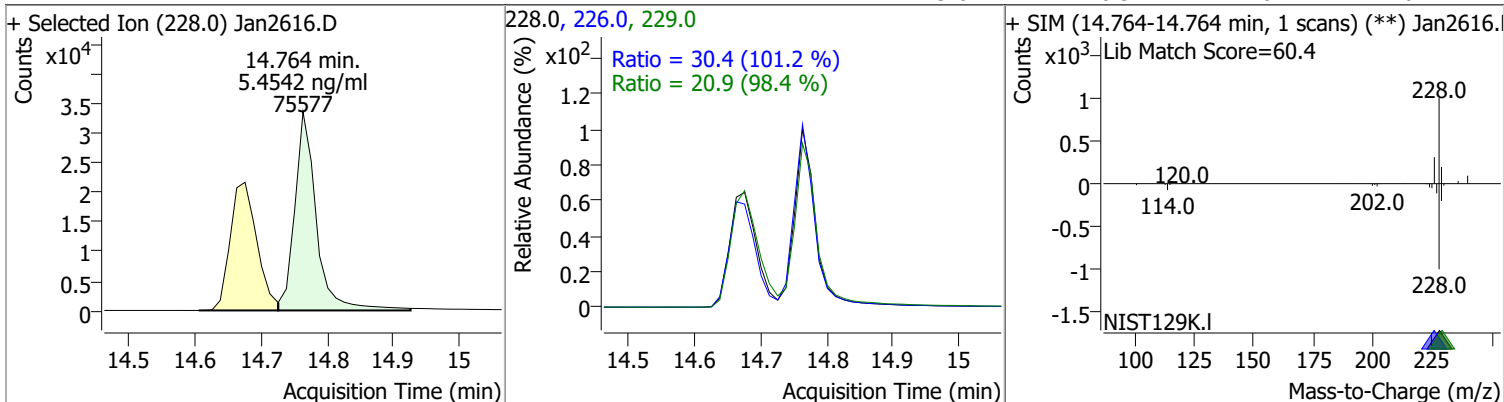


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	5.7857	14.68	0.00	59874	226.0	27.5	19.0	35.2
					229.0	21.8	16.0	29.7

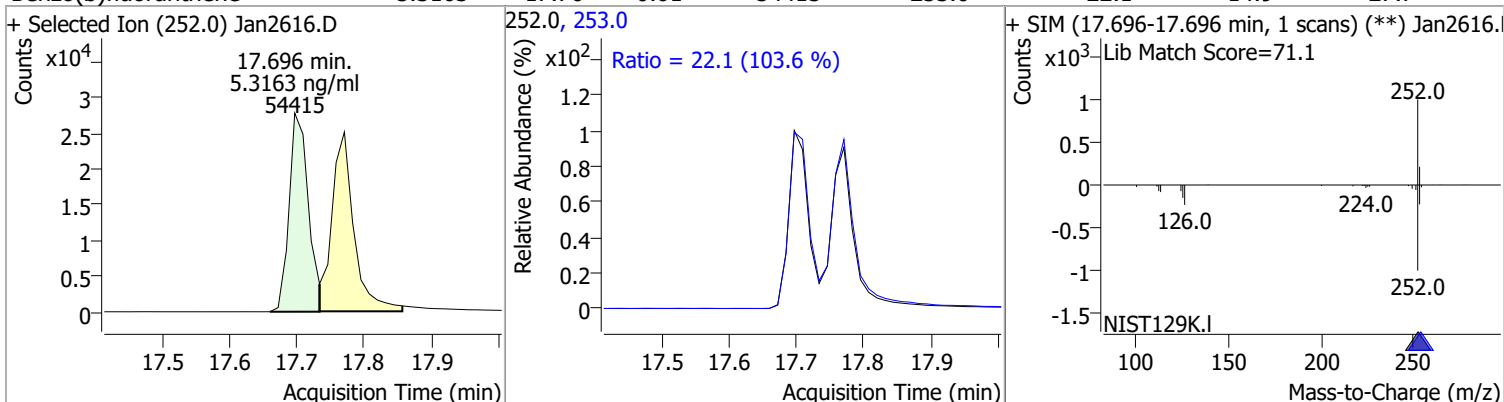


# Quantitation Results Report (QT Reviewed)

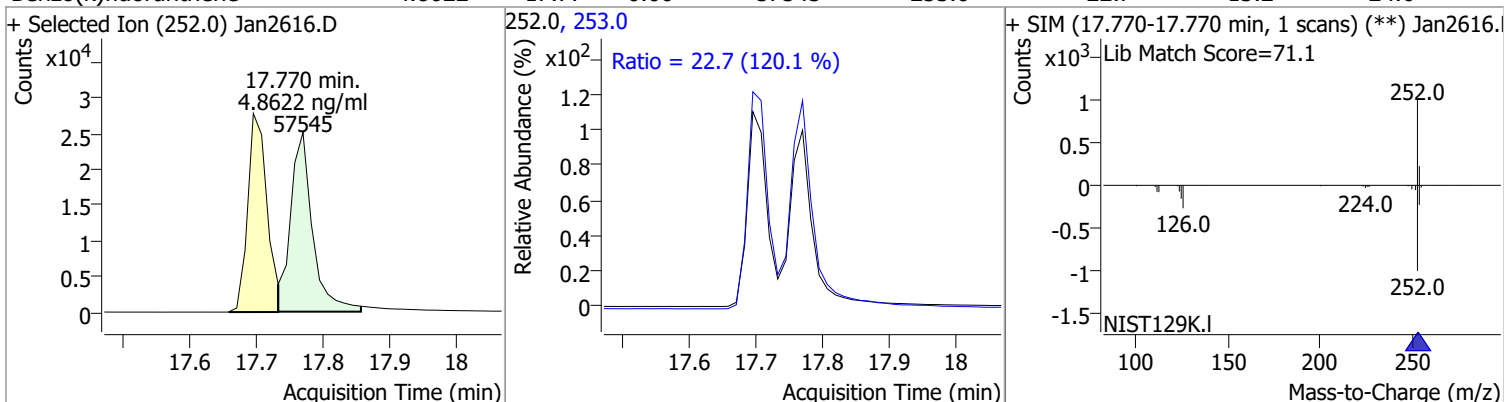
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	5.4542	14.76	0.00	75577	226.0	30.4	21.0	39.1
					229.0	20.9	14.8	27.6



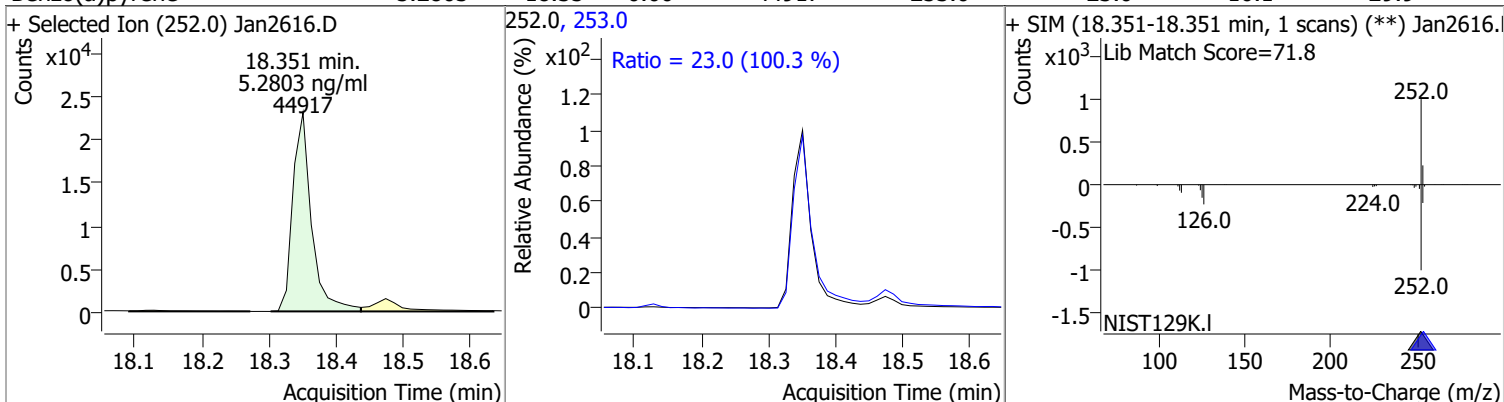
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	5.3163	17.70	-0.01	54415	253.0	22.1	14.9	27.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	4.8622	17.77	0.00	57545	253.0	22.7	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	5.2803	18.35	0.00	44917	253.0	23.0	16.1	29.9



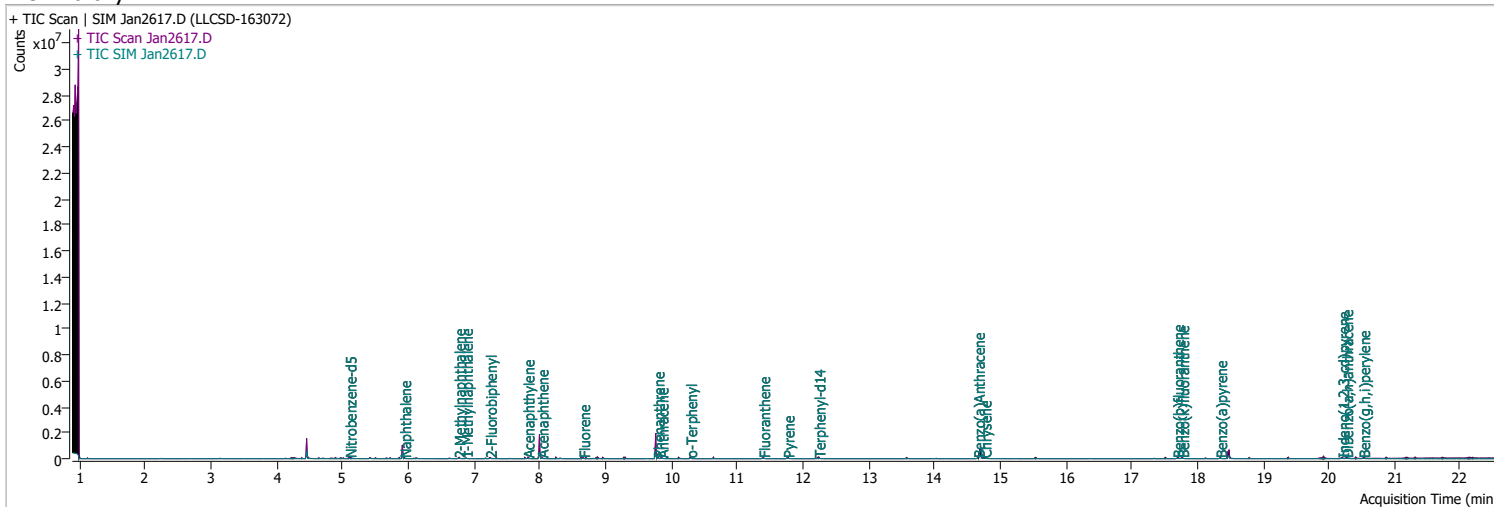
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	5.4261	20.20	-0.01	41441	138.0	20.5	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2616.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 20.5 (91.7 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan2616.D</p> <p>Lib Match Score=79.2</p> </div> </div>								
Dibenzo(a,h)anthracene	5.6959	20.27	-0.01	48642	279.0	24.6	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2616.D</p> </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 24.6 (98.7 %)</p> <p>Ratio = 15.7 (89.4 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.266-20.266 min, 1 scans) (**) Jan2616.D</p> <p>Lib Match Score=76.9</p> </div> </div>								
Benzo(g,h,i)perylene	5.2984	20.54	0.00	57184	277.0	24.1	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2616.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 19.3 (94.0 %)</p> <p>Ratio = 24.1 (97.3 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan2616.D</p> <p>Lib Match Score=79.2</p> </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan2617.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/27/2022 1:25:11 AM
Sample Name	LLCSD-163072	Instrument	GCMS
Vial	17	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.460	152.0	176087	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	333821	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	206976	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	440281	40.0000	ng/ml	0.000
M Chrysene-d12	14.702	240.0	353522	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	245187	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	20314	4.6442	ng/ml	-0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 92.88%		
S 2-Fluorobiphenyl	7.240	172.0	29852	3.6781	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 73.56%		
S o-Terphenyl	10.287	230.0	32092	4.8408	ng/ml	-0.012
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 96.82%		
S Terphenyl-d14	12.238	244.0	32384	5.5304	ng/ml	-0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 110.61%		*
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	21744	2.5286	ng/ml	95
T 2-Methylnaphthalene	6.765	141.0	14675	2.8264	ng/ml	81
T 1-Methylnaphthalene	6.877	141.0	14437	2.7446	ng/ml	97
T Acenaphthylene	7.814	152.0	35165	3.7227	ng/ml	99
T Acenaphthene	8.025	154.0	20886	3.5522	ng/ml	98
T Fluorene	8.661	166.0	30542	3.8140	ng/ml	95
T Phenanthrene	9.793	178.0	54889	4.7876	ng/ml	100
T Anthracene	9.854	178.0	54626	5.3378	ng/ml	98
T Fluoranthene	11.398	202.0	72193	5.3649	ng/ml	99
T Pyrene	11.769	202.0	78184	5.2163	ng/ml	97
T Benzo(a)Anthracene	14.664	228.0	58514	5.7636	ng/ml	98
T Chrysene	14.764	228.0	73810	5.4279	ng/ml	100
T Benzo(b)fluoranthene	17.696	252.0	51438	5.1243	ng/ml	98

# Quantitation Results Report (QT Reviewed)

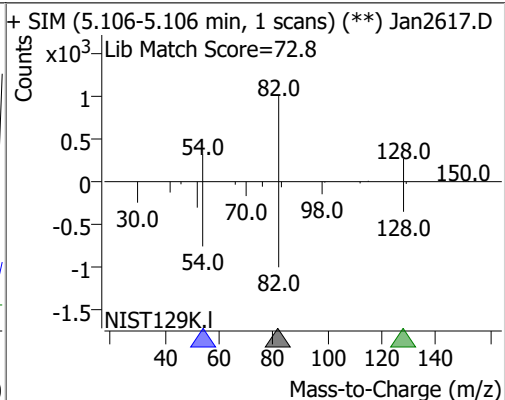
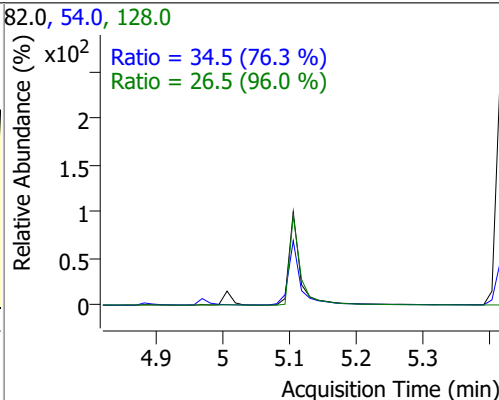
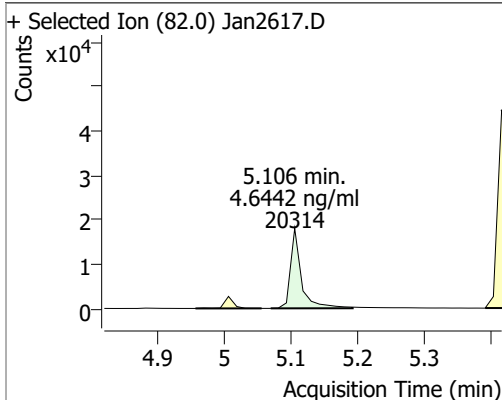
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	54424	4.6739	ng/ml	93
T Benzo(a)pyrene	18.351	252.0	41563	4.9888	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.204	276.0	38826	5.1887	ng/ml	94
T Dibenzo(a,h)anthracene	20.266	278.0	46167	5.4997	ng/ml	98
T Benzo(g,h,i)perylene	20.526	276.0	55896	5.2609	ng/ml	96

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

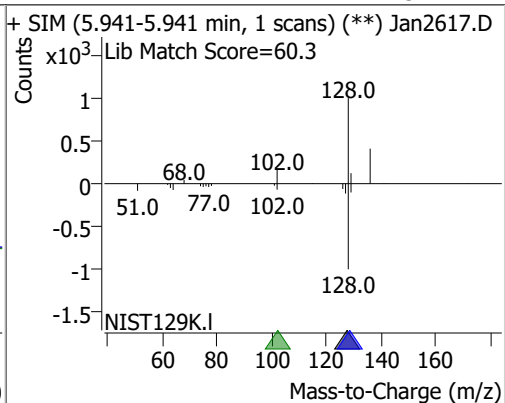
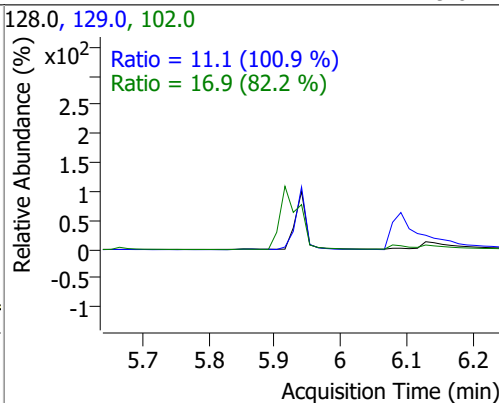
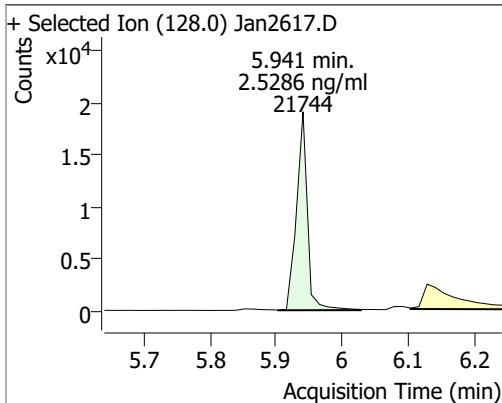


# Quantitation Results Report (QT Reviewed)

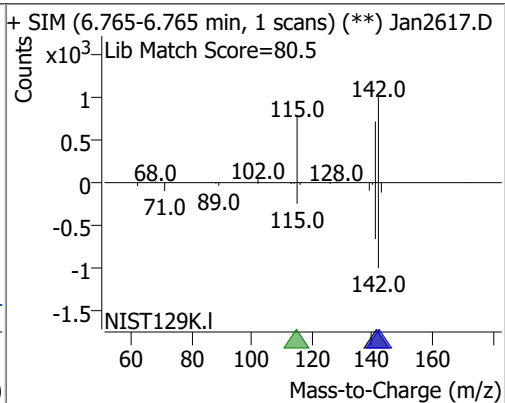
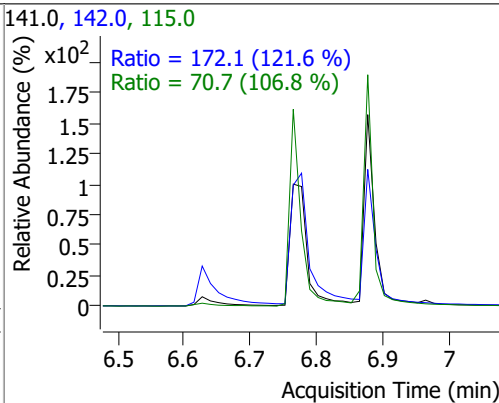
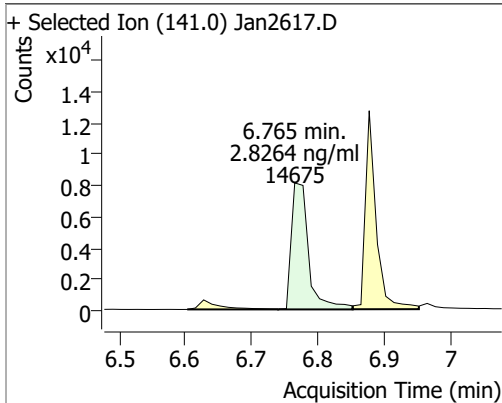
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	4.6442	5.11	-0.01	20314	54.0	34.5	31.6	58.8
					128.0	26.5	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.5286	5.94	0.00	21744	102.0	16.9	0.0	61.8
					129.0	11.1	7.7	14.3

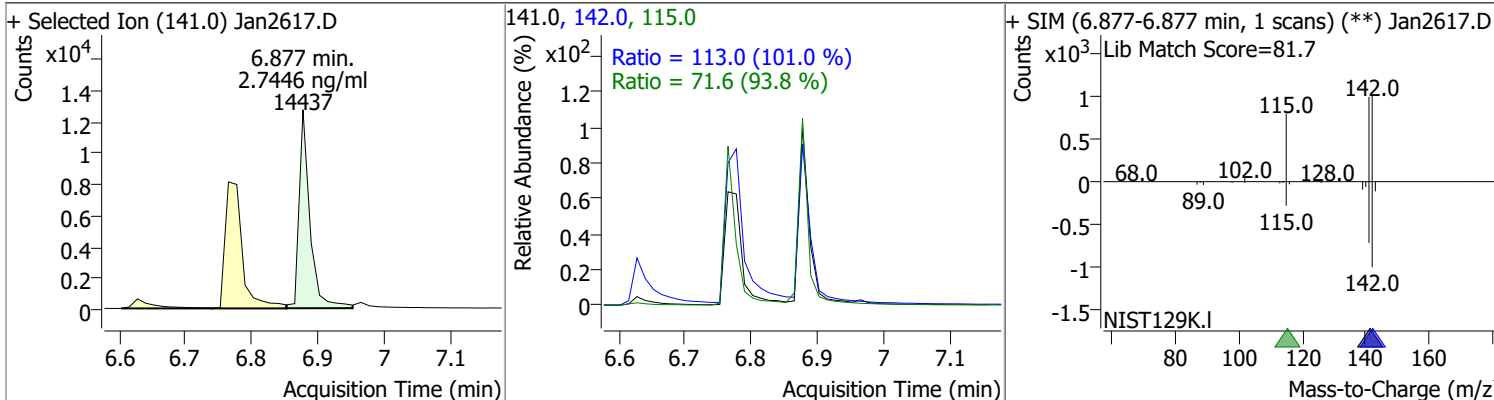


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	2.8264	6.76	-0.01	14675	142.0	172.1	99.1	184.0
					115.0	70.7	46.3	86.0

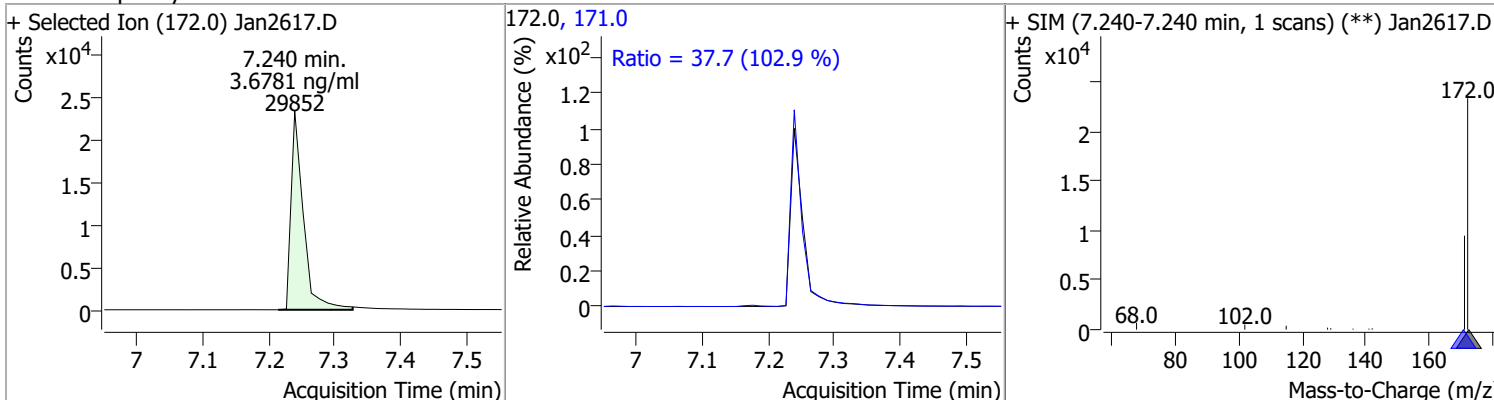


# Quantitation Results Report (QT Reviewed)

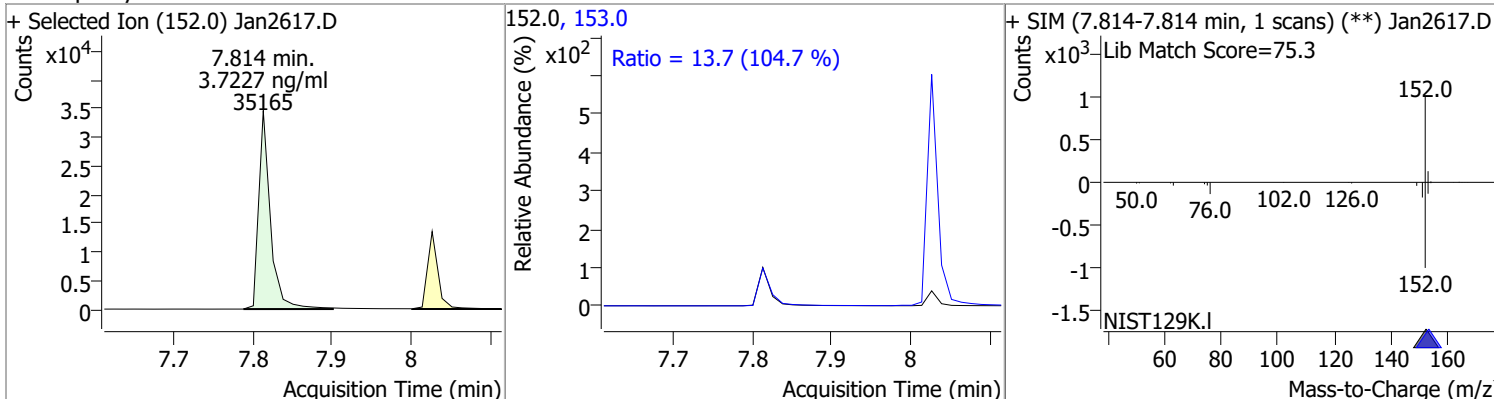
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.7446	6.88	0.00	14437	142.0 115.0	113.0 71.6	78.3 53.4	145.5 99.2



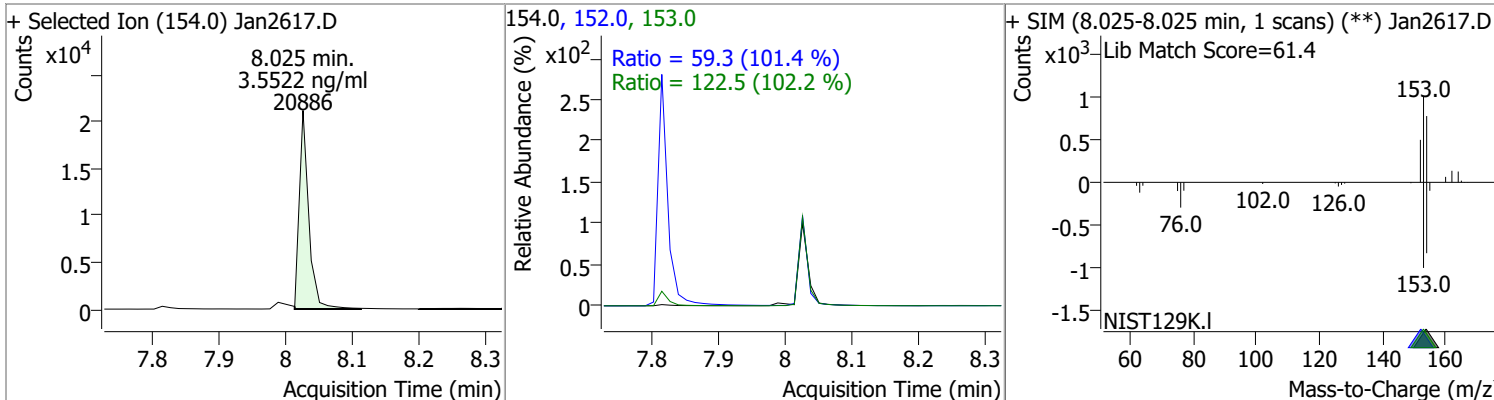
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	3.6781	7.24	-0.01	29852	171.0	37.7	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	3.7227	7.81	0.00	35165	153.0	13.7	9.1	17.0

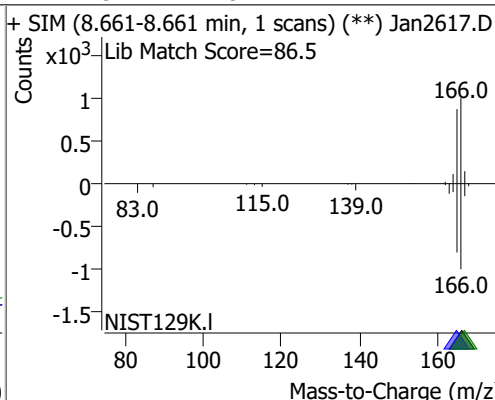
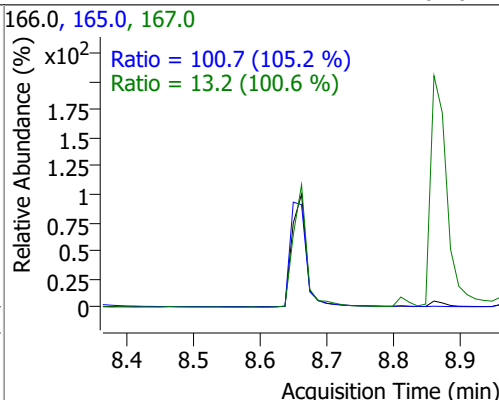
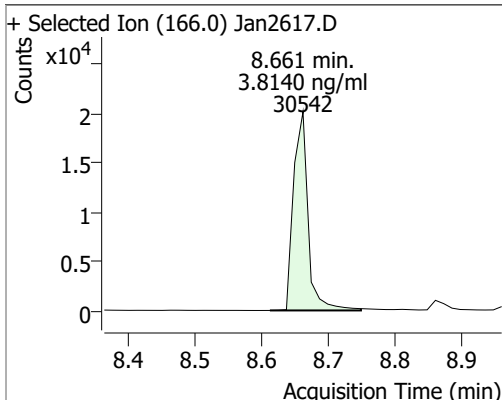


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	3.5522	8.03	0.00	20886	153.0 152.0	122.5 59.3	83.9 40.9	155.8 76.0

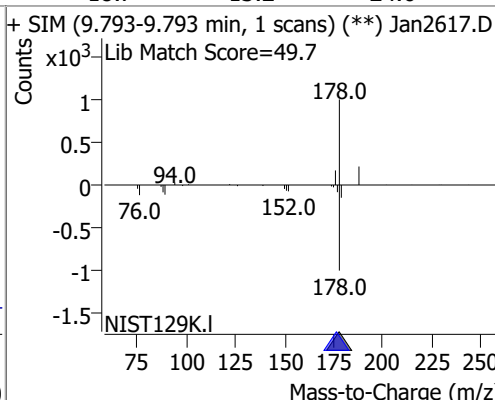
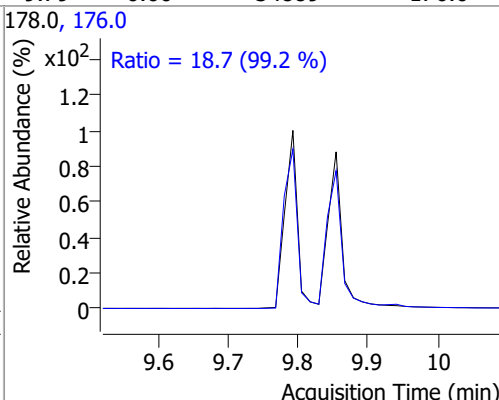
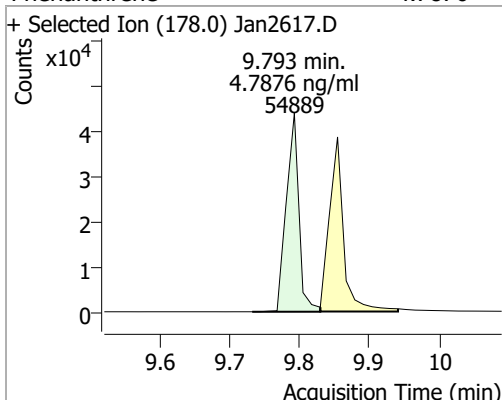


# Quantitation Results Report (QT Reviewed)

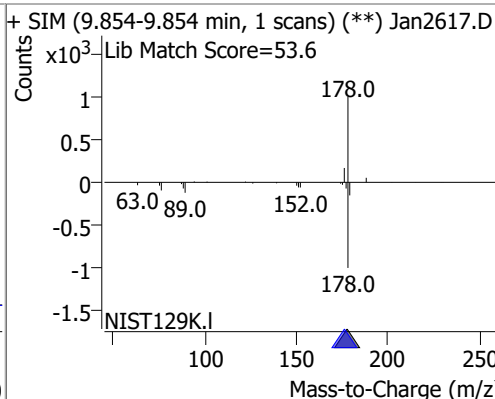
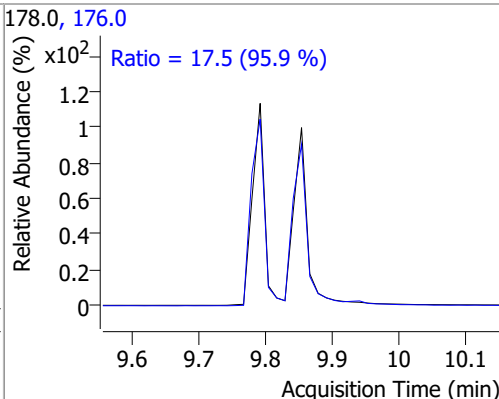
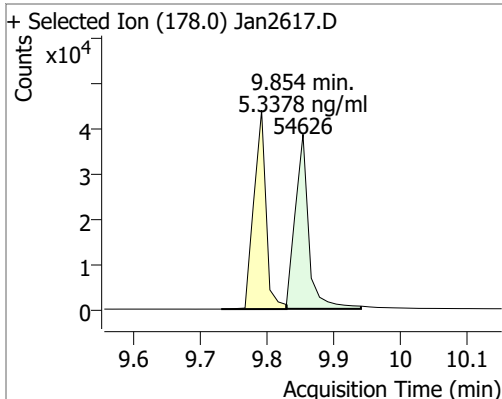
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.8140	8.66	0.00	30542	165.0	100.7	67.0	124.5
					167.0	13.2	9.2	17.1



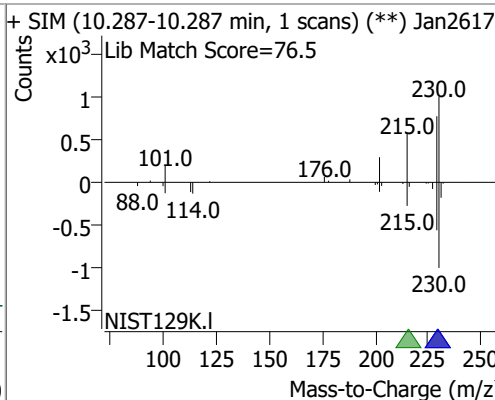
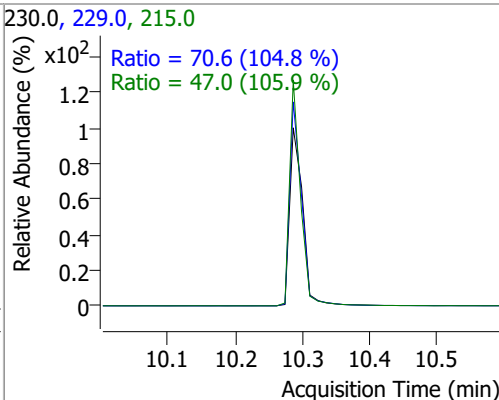
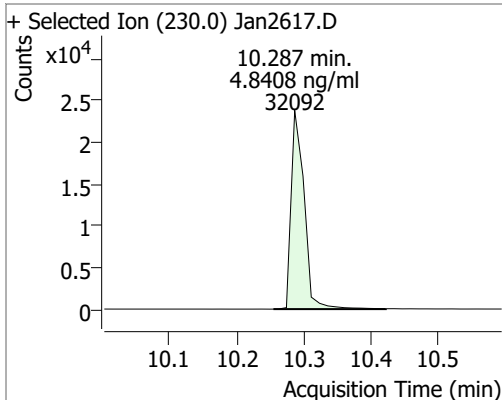
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.7876	9.79	0.00	54889	176.0	18.7	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	5.3378	9.85	0.00	54626	176.0	17.5	12.8	23.8

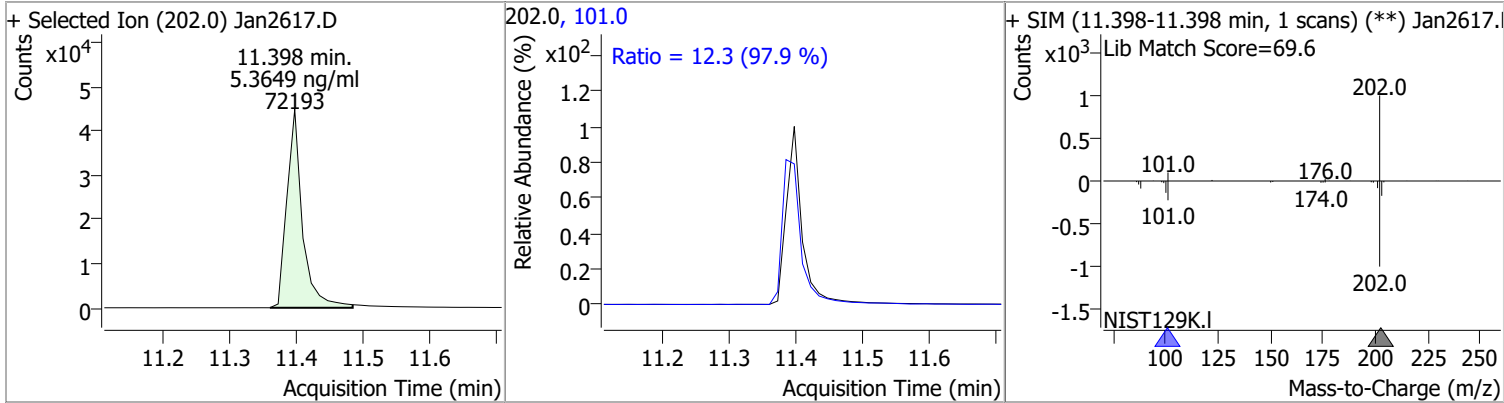


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.8408	10.29	-0.01	32092	229.0	70.6	47.1	87.5
					215.0	47.0	31.1	57.7

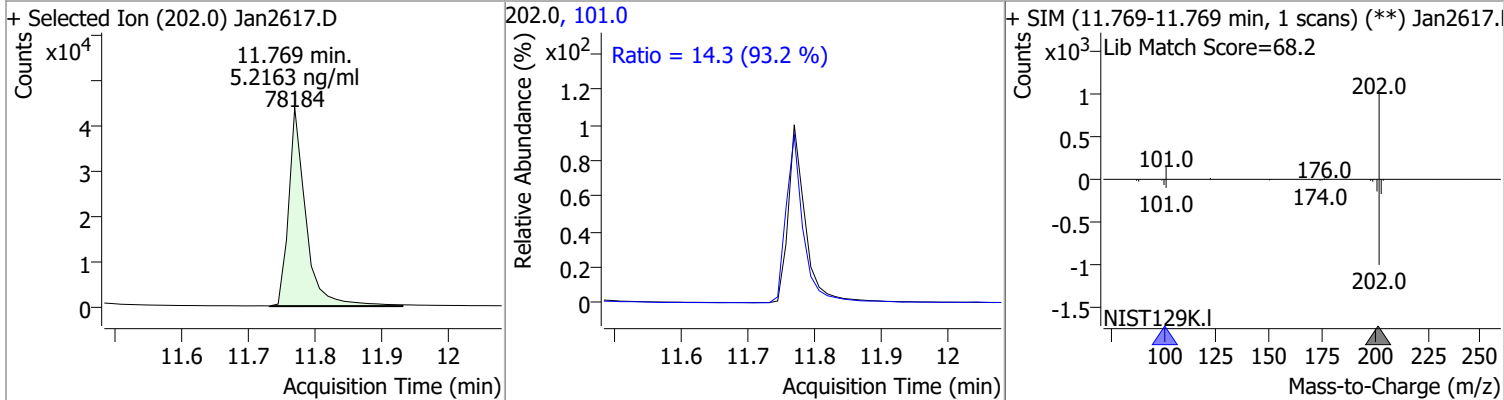


# Quantitation Results Report (QT Reviewed)

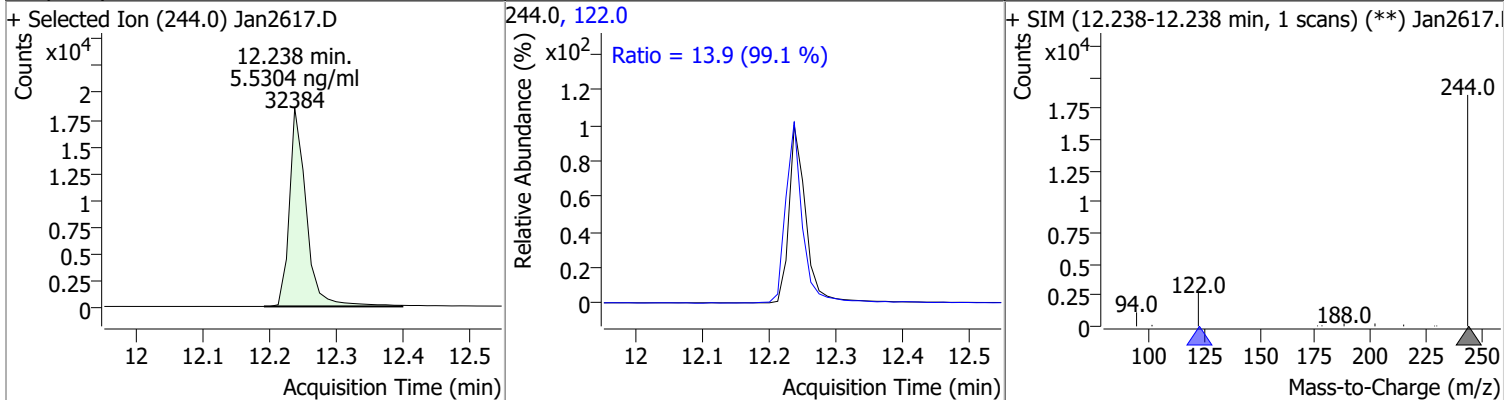
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	5.3649	11.40	-0.01	72193	101.0	12.3	8.8	16.3



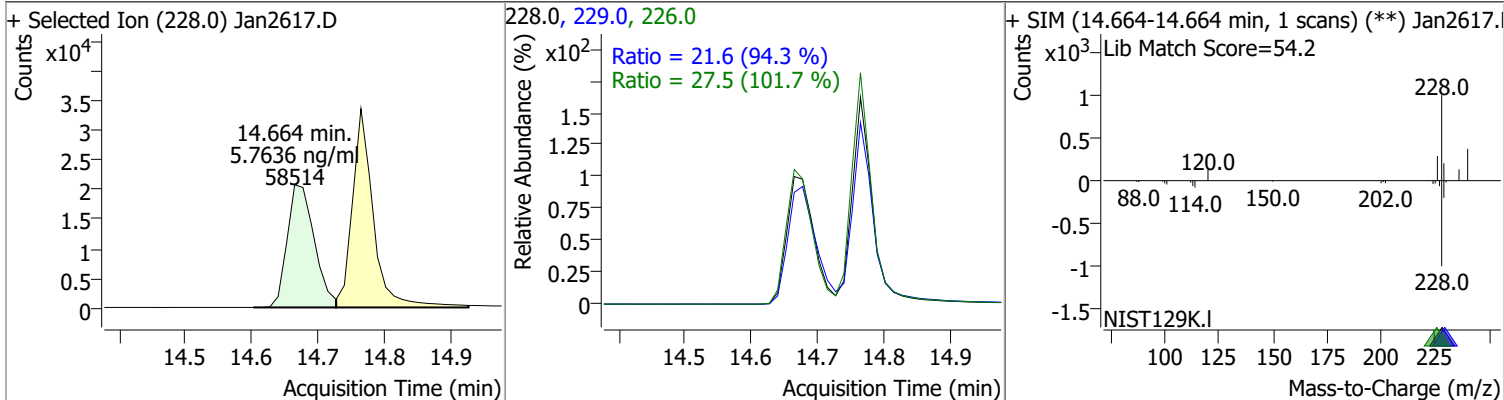
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	5.2163	11.77	-0.01	78184	101.0	14.3	10.8	20.0



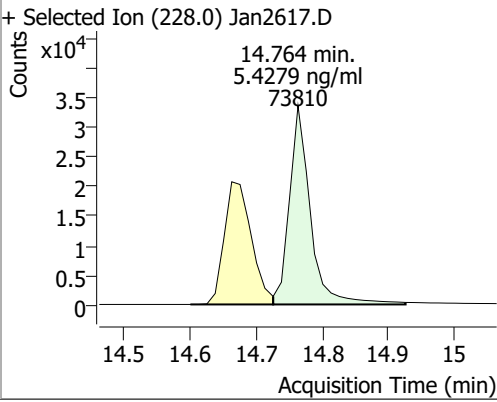
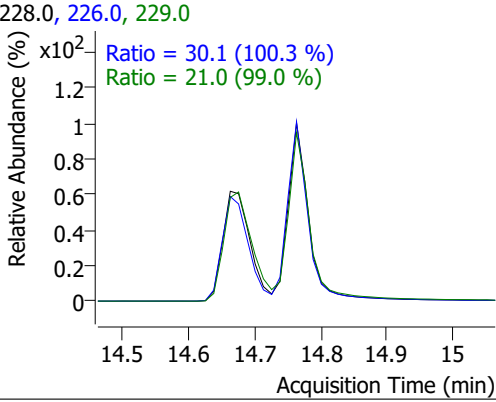
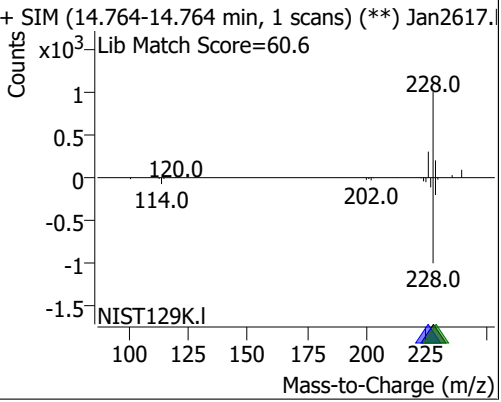
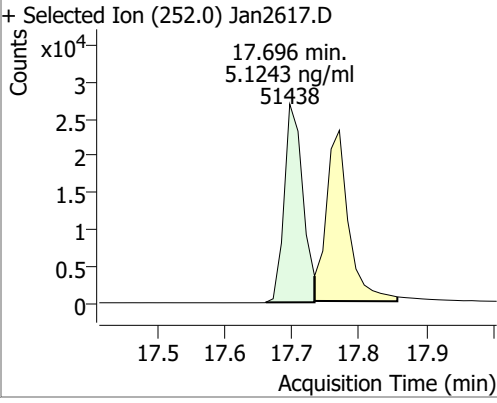
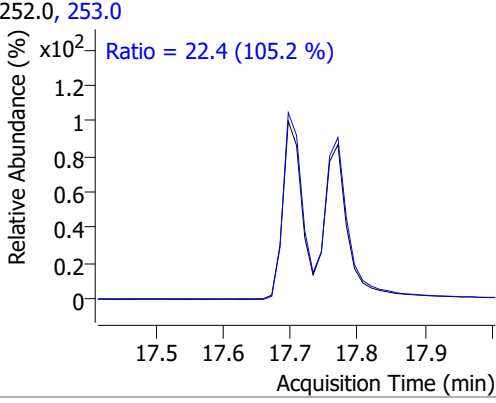
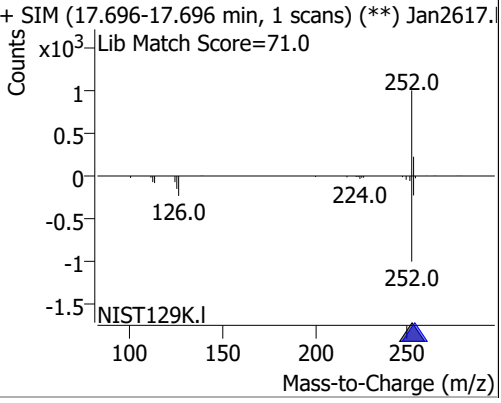
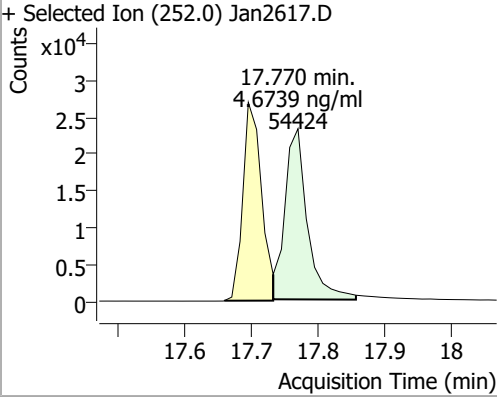
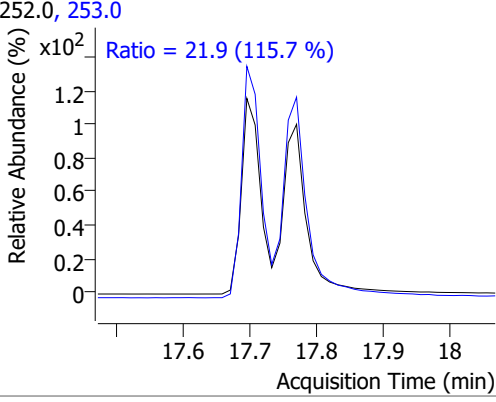
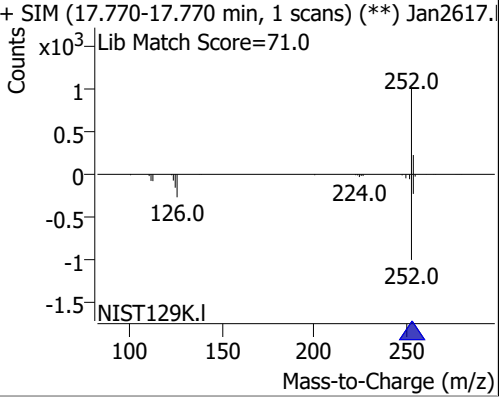
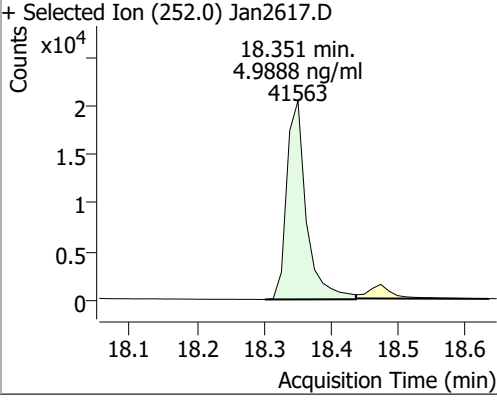
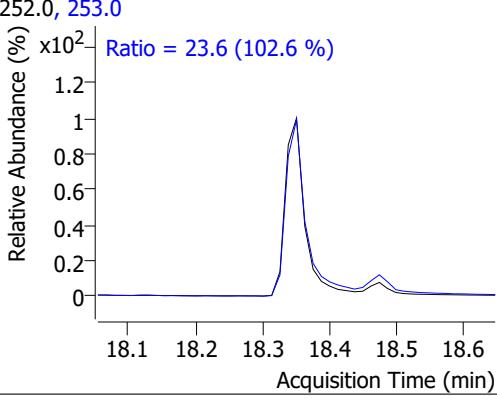
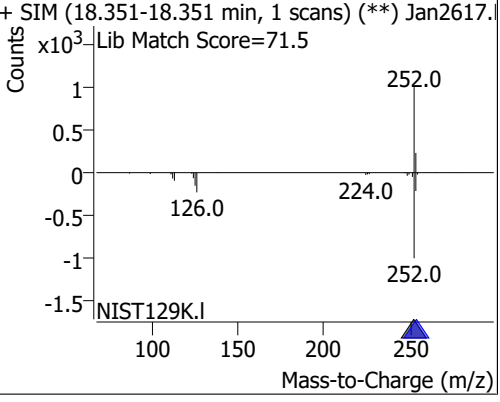
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	5.5304	12.24	-0.01	32384	122.0	13.9	9.8	18.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	5.7636	14.66	-0.01	58514	226.0	27.5	19.0	35.2
					229.0	21.6	16.0	29.7



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	5.4279	14.76	0.00	73810	226.0 229.0	30.1 21.0	21.0 14.8	39.1 27.6
+ Selected Ion (228.0) Jan2617.D 			228.0, 226.0, 229.0 			+ SIM (14.764-14.764 min, 1 scans) (**) Jan2617.D Lib Match Score=60.6 		
Benzo(b)fluoranthene	5.1243	17.70	-0.01	51438	253.0	22.4	14.9	27.7
+ Selected Ion (252.0) Jan2617.D 			252.0, 253.0 			+ SIM (17.696-17.696 min, 1 scans) (**) Jan2617.D Lib Match Score=71.0 		
Benzo(k)fluoranthene	4.6739	17.77	0.00	54424	253.0	21.9	13.2	24.6
+ Selected Ion (252.0) Jan2617.D 			252.0, 253.0 			+ SIM (17.770-17.770 min, 1 scans) (**) Jan2617.D Lib Match Score=71.0 		
Benzo(a)pyrene	4.9888	18.35	0.00	41563	253.0	23.6	16.1	29.9
+ Selected Ion (252.0) Jan2617.D 			252.0, 253.0 			+ SIM (18.351-18.351 min, 1 scans) (**) Jan2617.D Lib Match Score=71.5 		

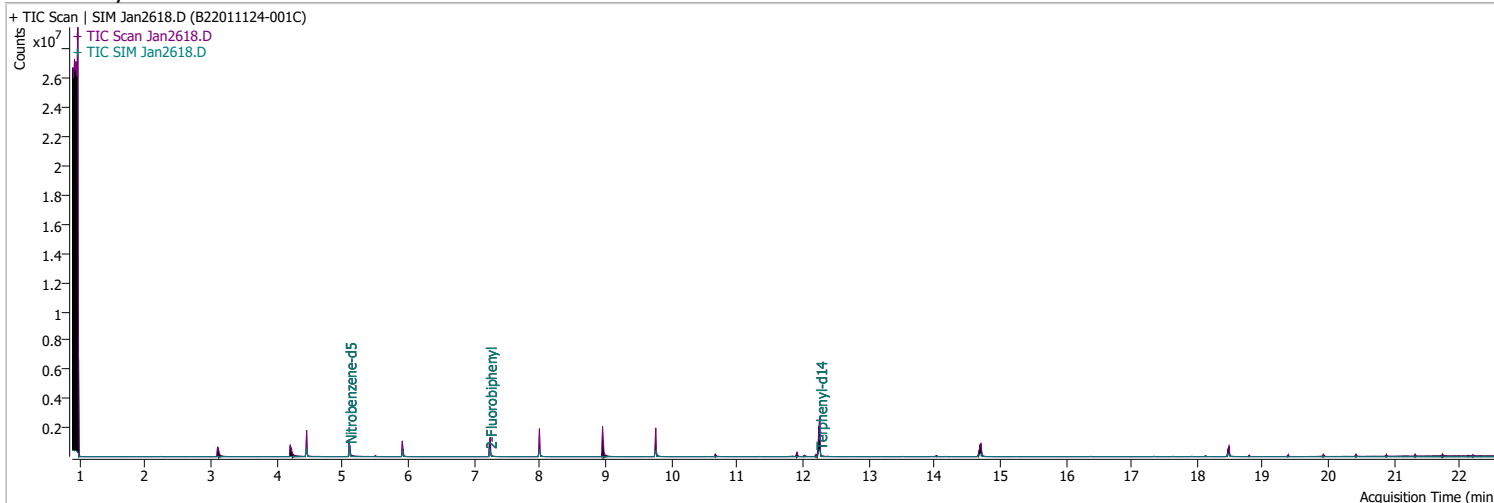
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	5.1887	20.20	-0.01	38826	138.0	19.4	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2617.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0</p> </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan2617.D</p> <p>Lib Match Score=78.9</p> </div> </div>								
Dibenzo(a,h)anthracene	5.4997	20.27	-0.01	46167	279.0	25.1	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2617.D</p> </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> </div> <div style="width: 30%;"> <p>+ SIM (20.266-20.266 min, 1 scans) (**) Jan2617.D</p> <p>Lib Match Score=77.2</p> </div> </div>								
Benzo(g,h,i)perylene	5.2609	20.53	-0.01	55896	277.0	22.7	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2617.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> </div> <div style="width: 30%;"> <p>+ SIM (20.526-20.526 min, 1 scans) (**) Jan2617.D</p> <p>Lib Match Score=78.7</p> </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan2618.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/27/2022 1:57:29 AM
Sample Name	B22011124-001C	Instrument	GCMS
Vial	18	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.460	152.0	205508	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	359086	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	219453	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	487565	40.0000	ng/ml	0.000
M Chrysene-d12	14.702	240.0	383588	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	268345	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	522446	42.6956	ng/ml	-0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 853.91%		*
S 2-Fluorobiphenyl	7.240	172.0	494612	50.8097	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1016.19%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.263	244.0	743801	77.8975	ng/ml	0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1557.95%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.026	154.0	0		ng/ml	md 1
T Fluorene	8.960	166.0	0		ng/ml	md 1
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.702	228.0	0		ng/ml	md 1
T Chrysene	14.702	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	0.000		0	N.D.		

# Quantitation Results Report (QT Reviewed)

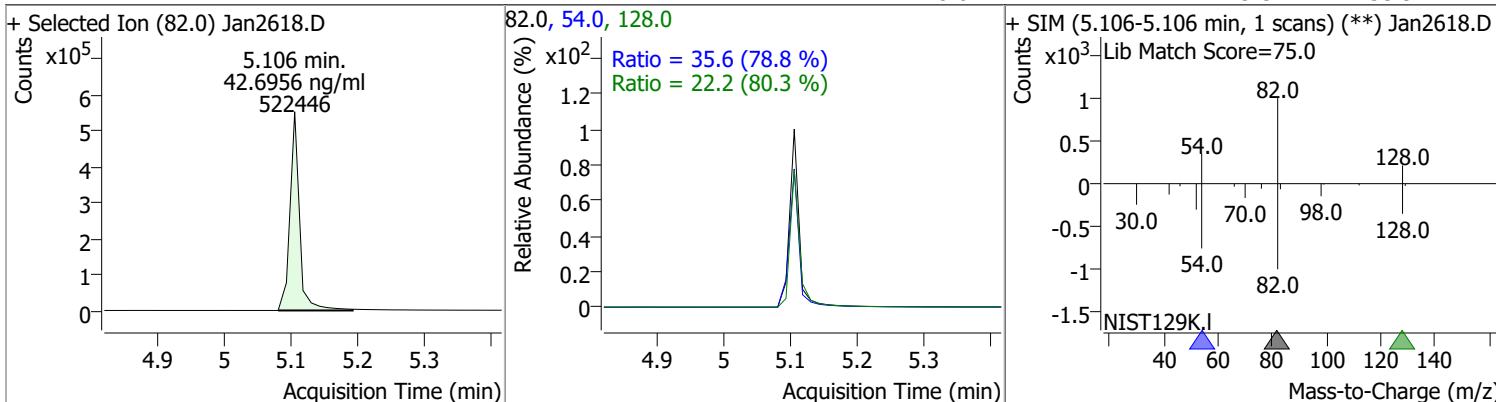
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.475	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

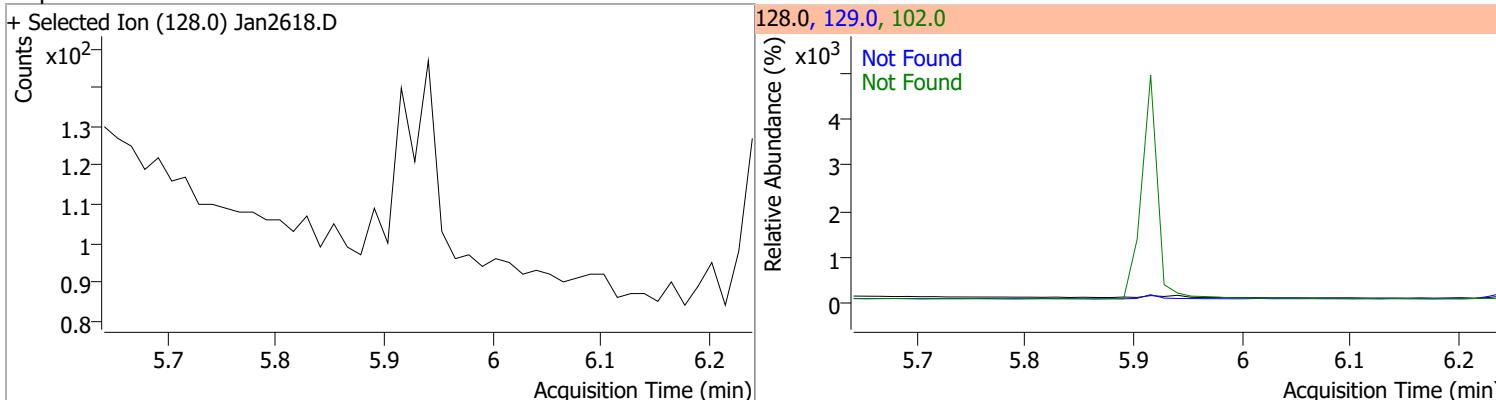


# Quantitation Results Report (QT Reviewed)

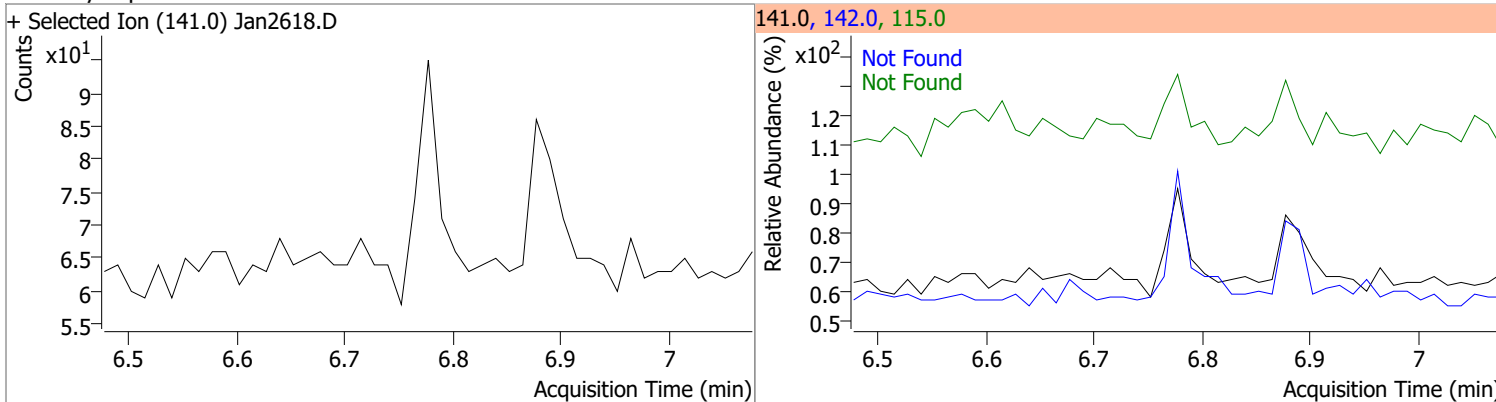
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	42.6956	5.11	-0.01	522446	54.0	35.6	31.6	58.8
					128.0	22.2	19.3	35.9



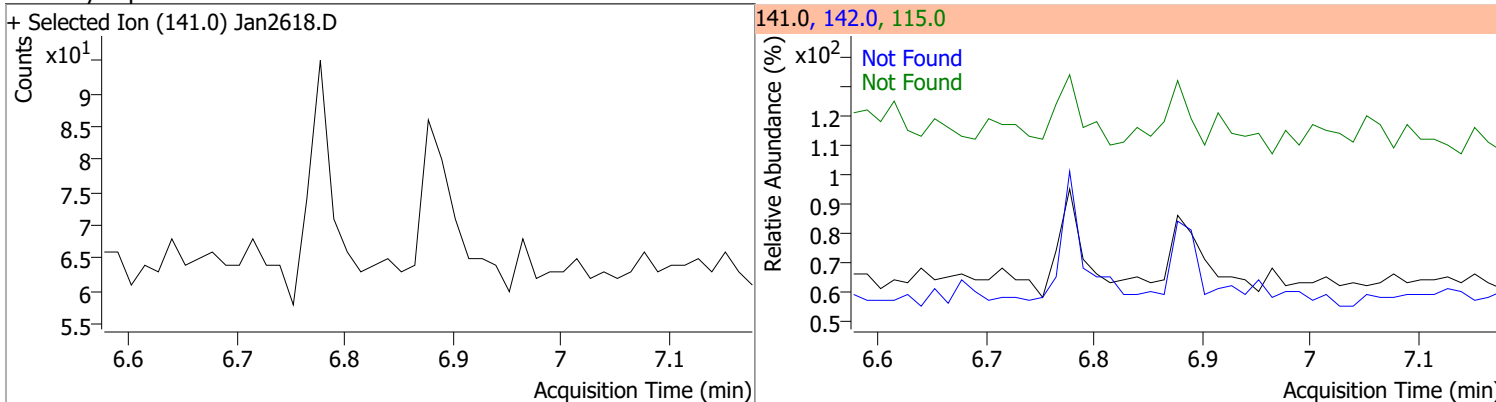
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



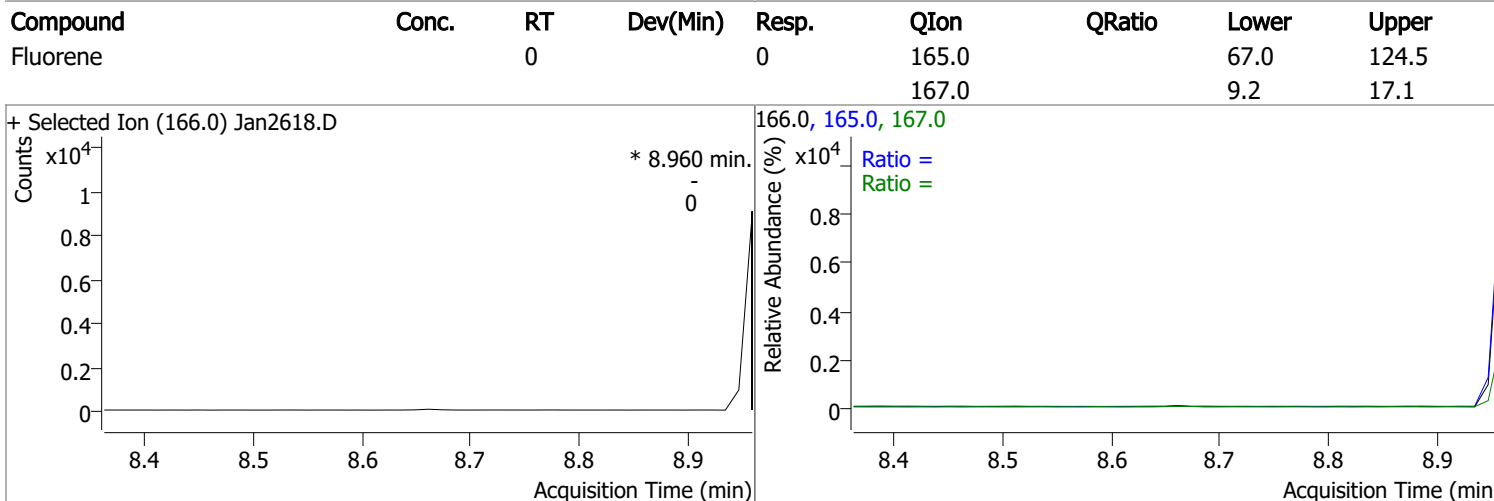
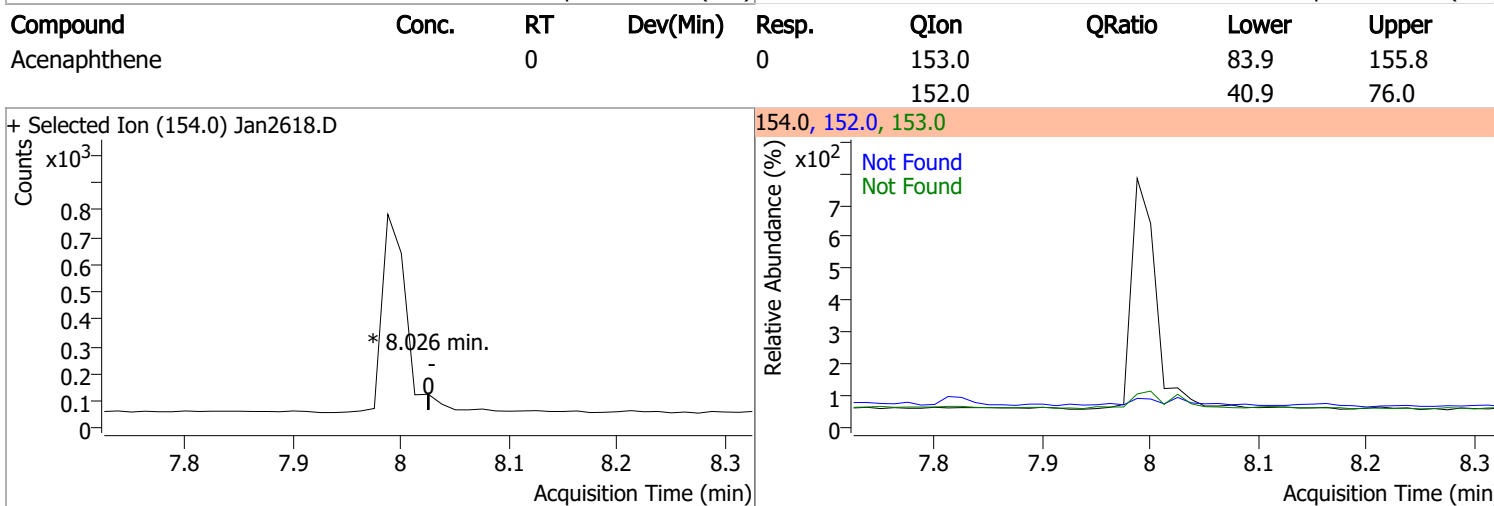
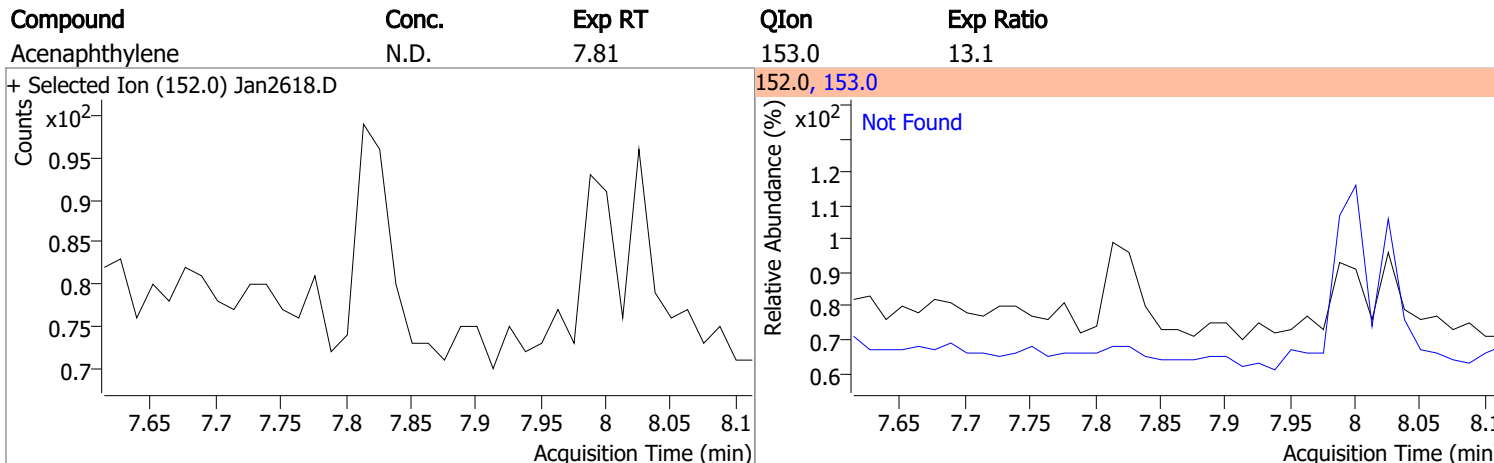
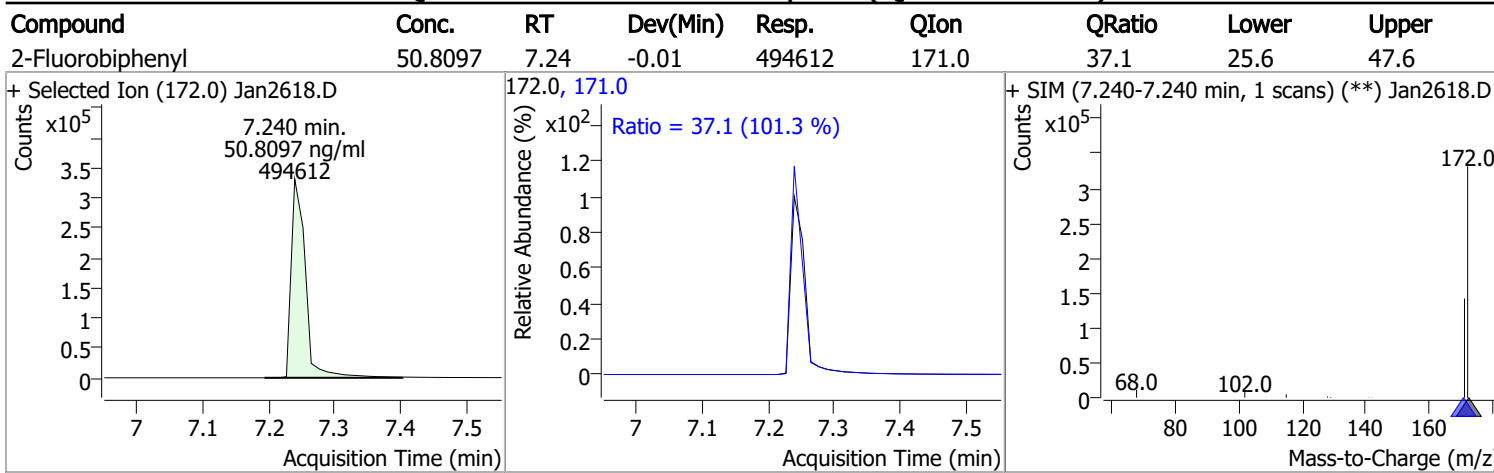
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3



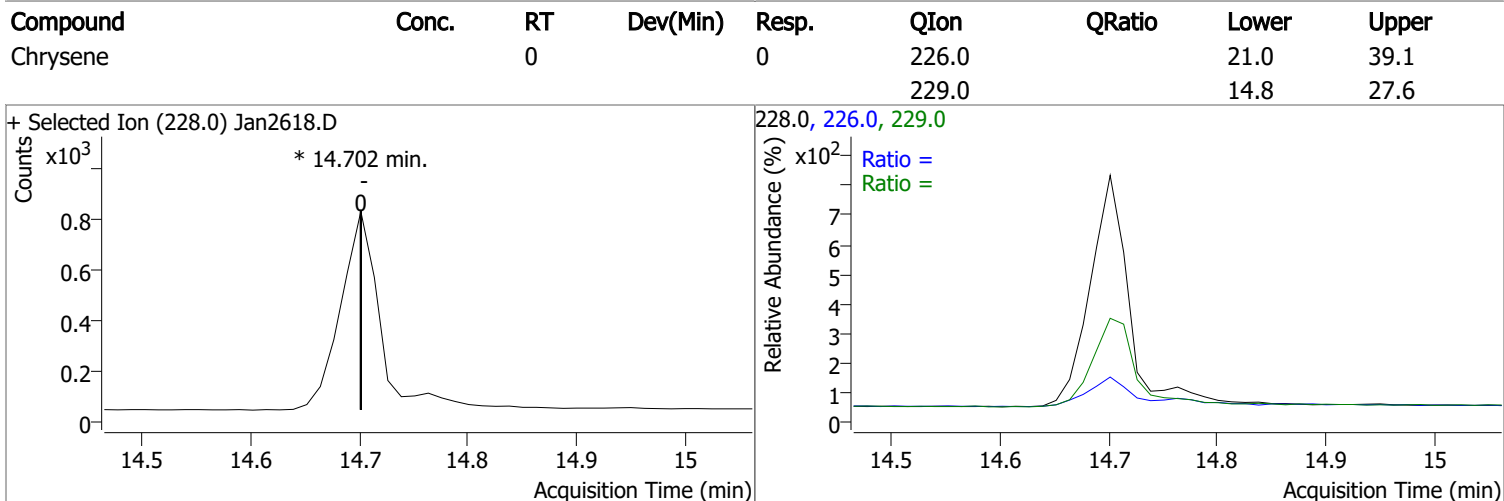
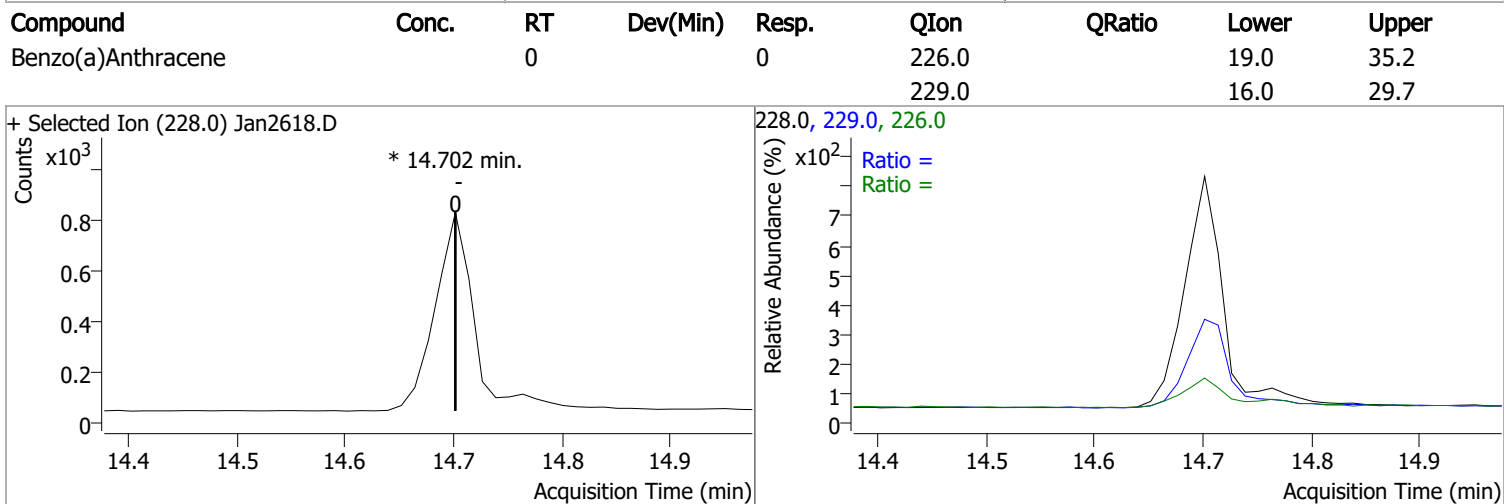
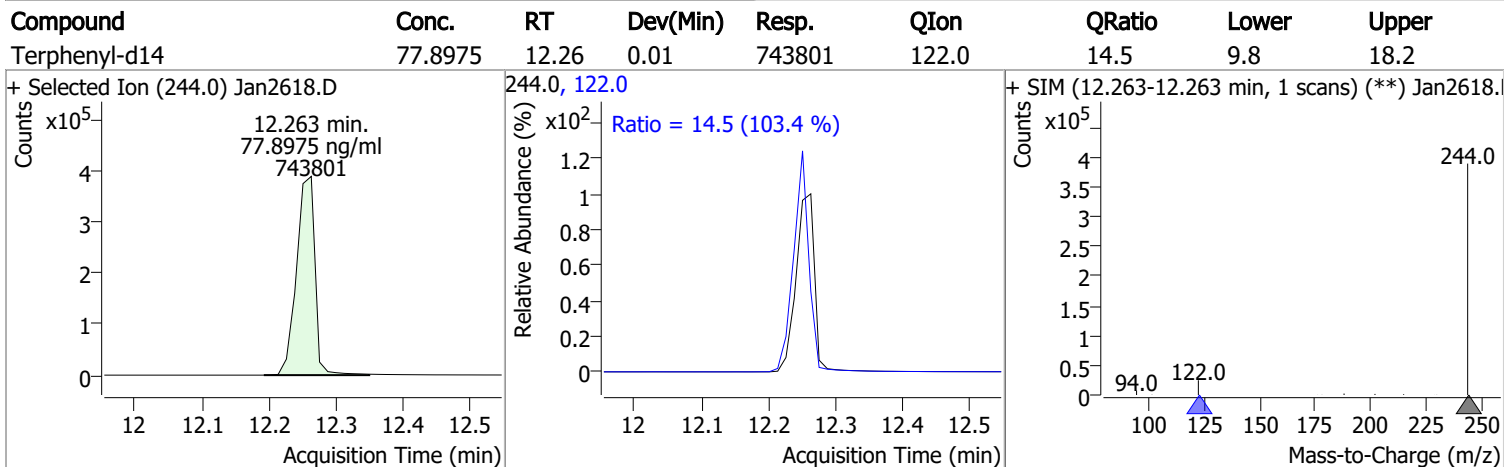
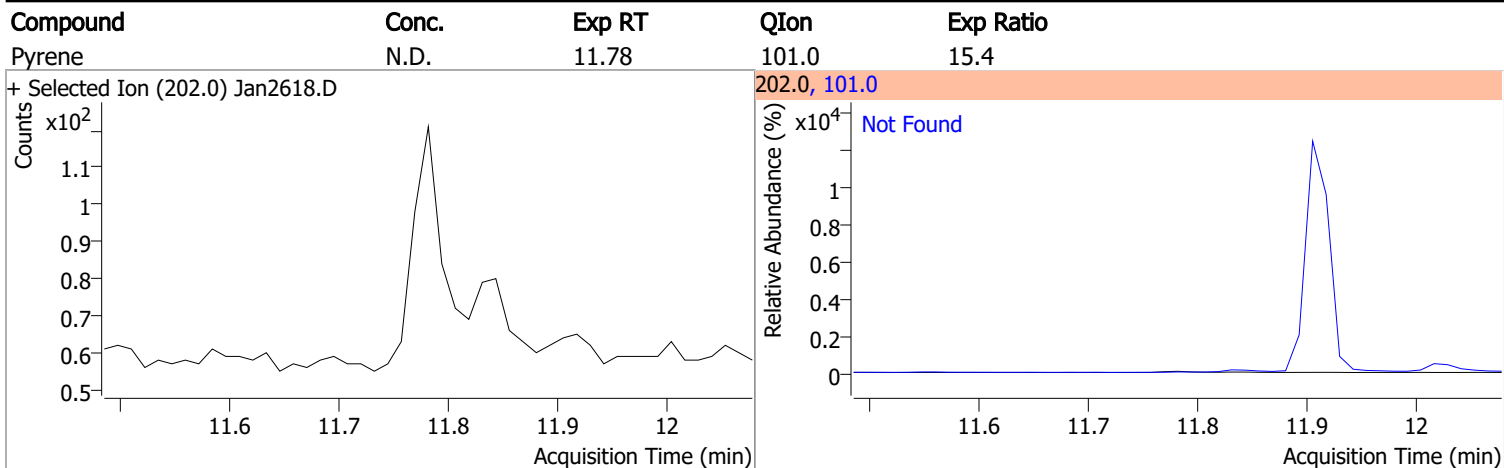
# Quantitation Results Report (QT Reviewed)



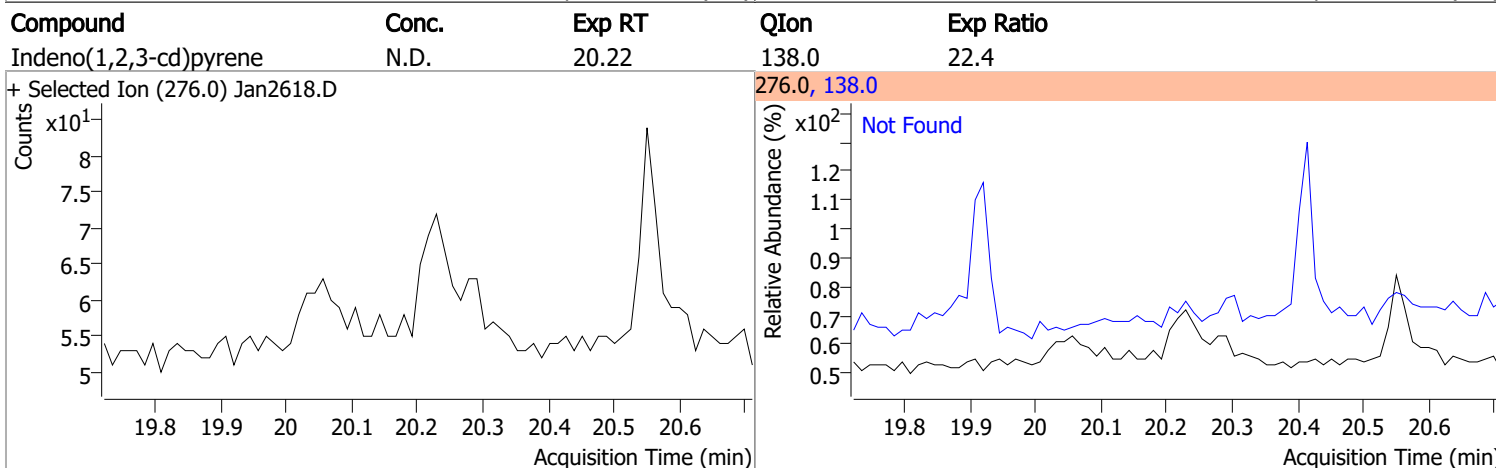
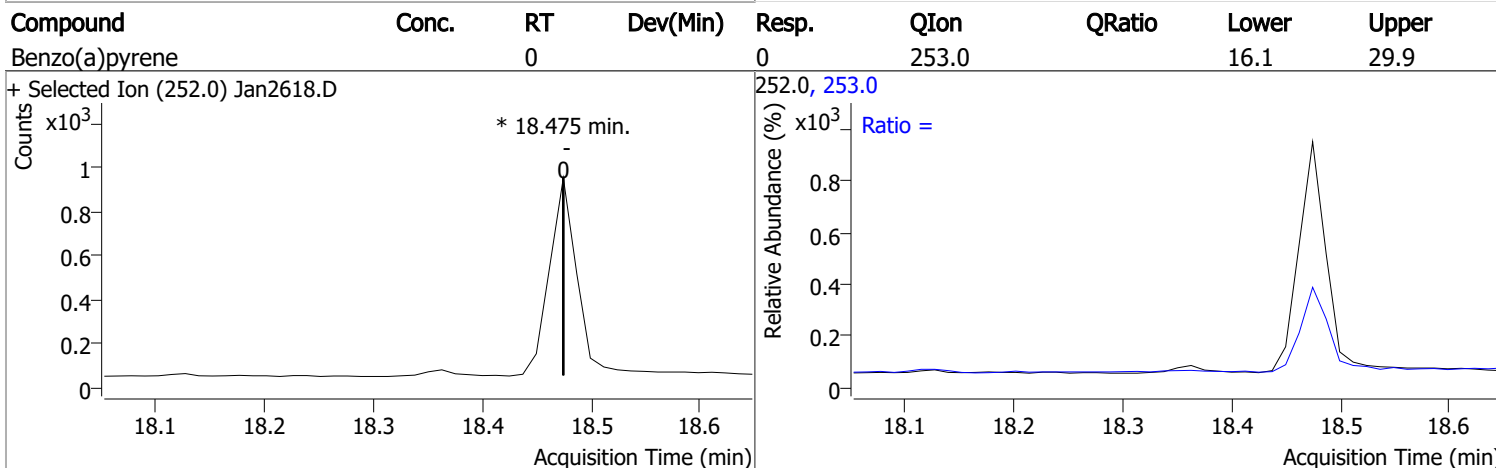
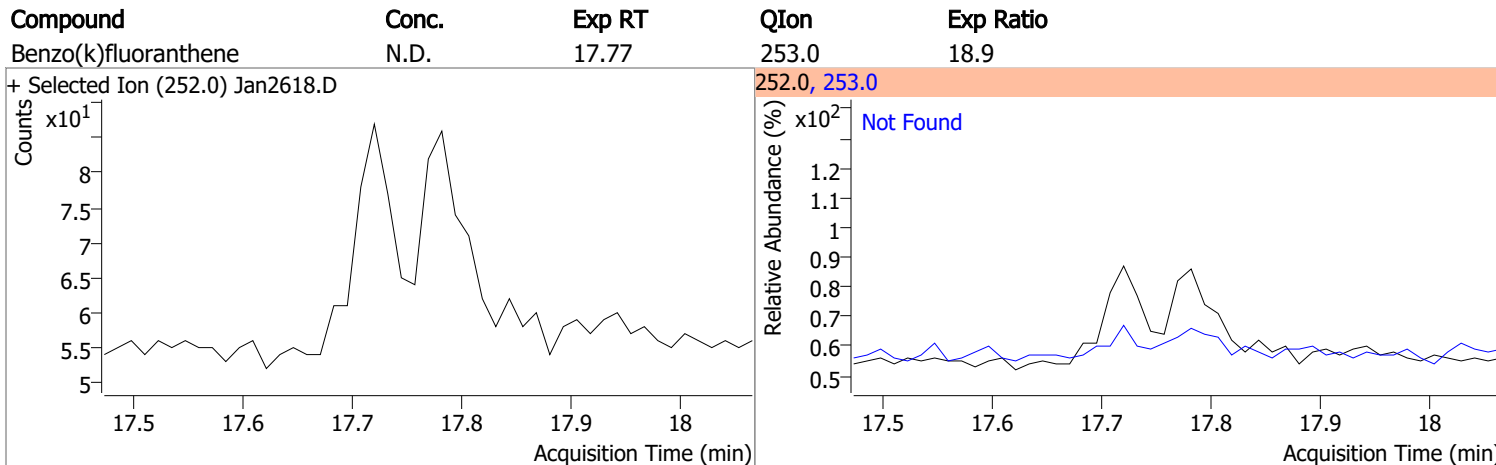
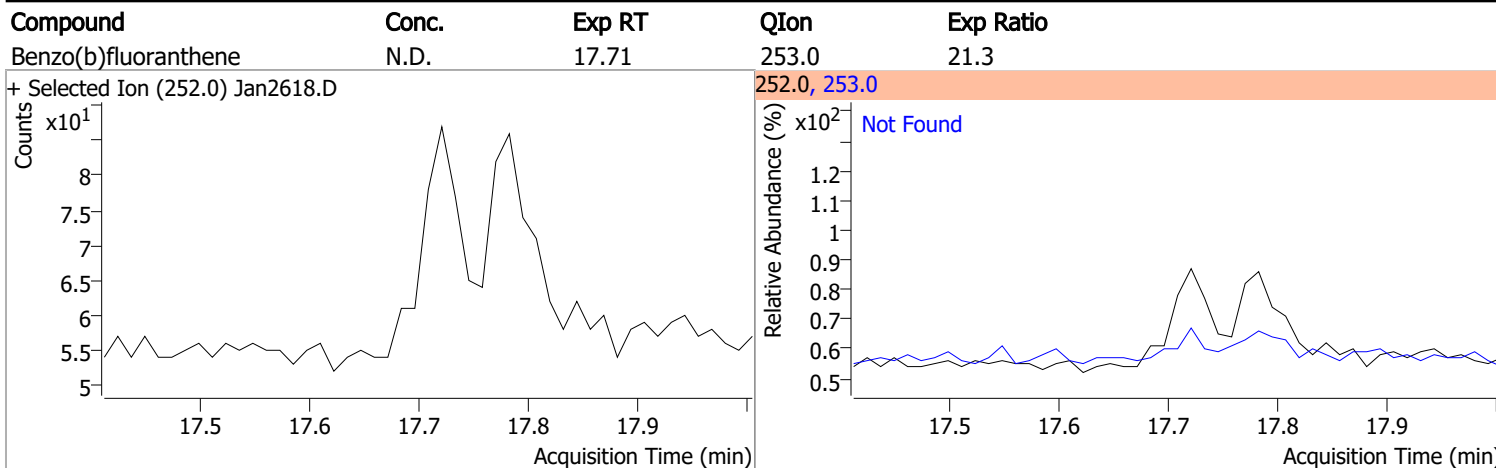
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio		
Phenanthrene	N.D.	9.79	176.0	18.9		
+ Selected Ion (178.0) Jan2618.D			178.0, 176.0			
Anthracene	N.D.	9.85	176.0	18.3		
+ Selected Ion (178.0) Jan2618.D			178.0, 176.0			
o-Terphenyl	N.D.	10.30	229.0	67.3	QIon	Exp Ratio
			215.0	44.4		
+ Selected Ion (230.0) Jan2618.D			230.0, 229.0, 215.0			
Fluoranthene	N.D.	11.41	101.0	12.5		
+ Selected Ion (202.0) Jan2618.D			202.0, 101.0			

# Quantitation Results Report (QT Reviewed)

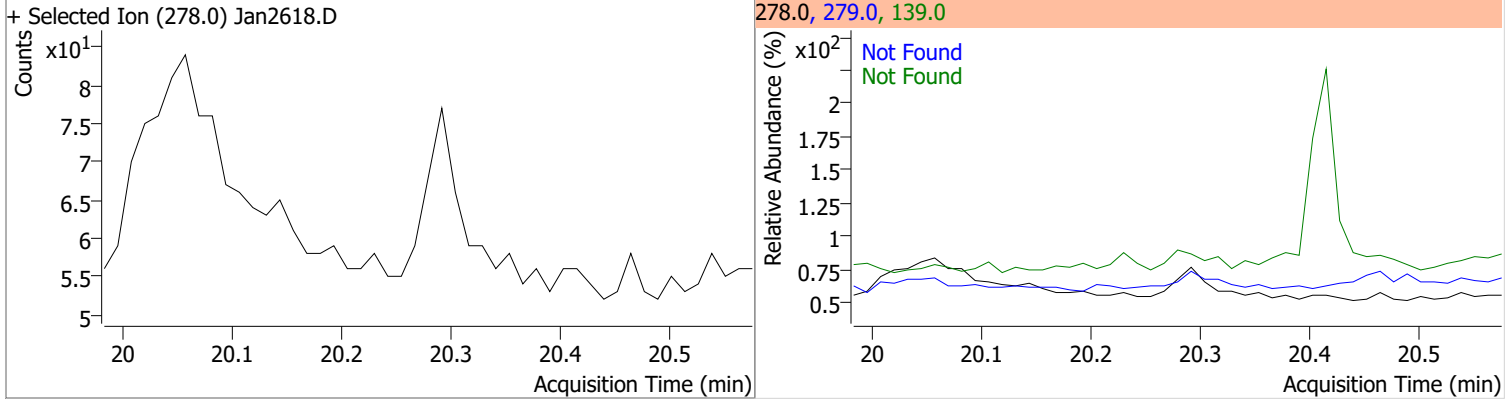


# Quantitation Results Report (QT Reviewed)

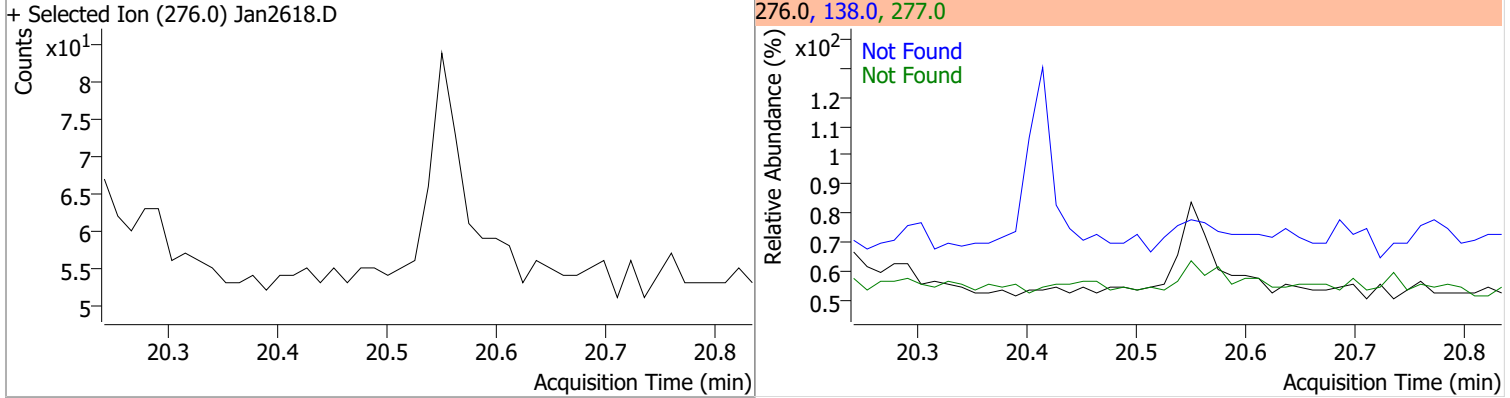


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.28	279.0	24.9	139.0	17.5



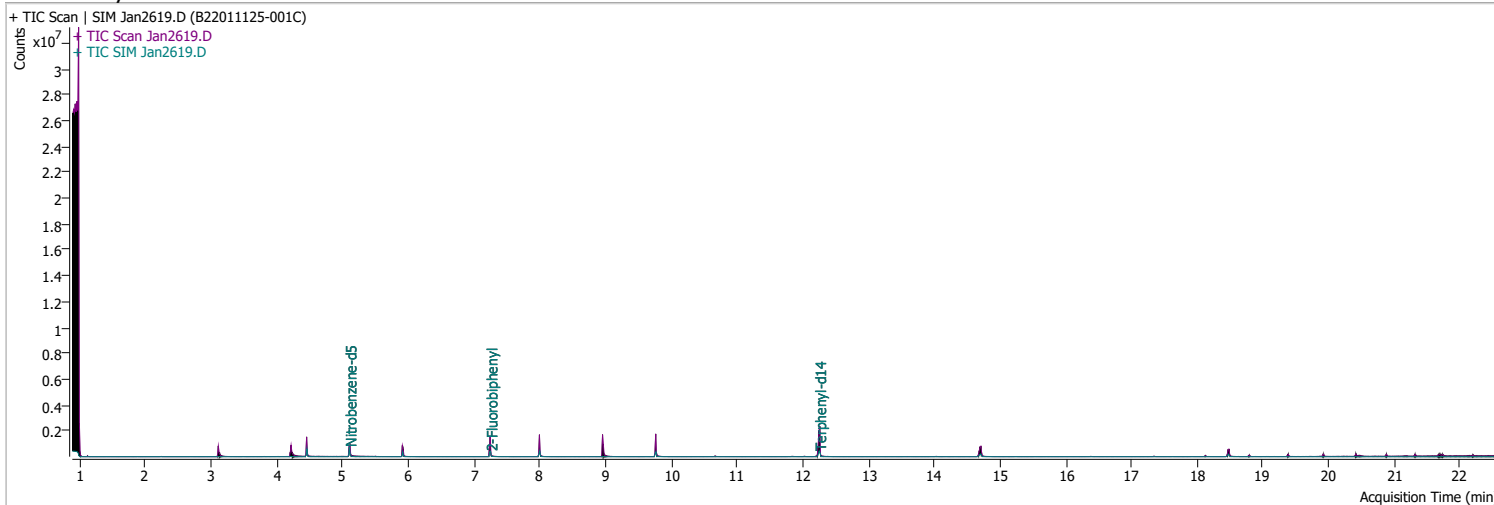
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.54	277.0	24.8	138.0	20.5



# Quantitation Results Report (QT Reviewed)

Data File	Jan2619.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/27/2022 2:29:57 AM
Sample Name	B22011125-001C	Instrument	GCMS
Vial	19	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.460	152.0	173505	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	306950	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	201259	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	437185	40.0000	ng/ml	0.000
M Chrysene-d12	14.702	240.0	342856	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	222853	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	476949	44.7576	ng/ml	-0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 895.15%		*
S 2-Fluorobiphenyl	7.252	172.0	477347	53.1416	ng/ml	0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1062.83%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.251	244.0	648582	76.5000	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1530.00%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.001	154.0	0		ng/ml	md 1
T Fluorene	8.960	166.0	0		ng/ml	md 1
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.702	228.0	0		ng/ml	md 1
T Chrysene	14.702	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	0.000		0	N.D.		

# Quantitation Results Report (QT Reviewed)

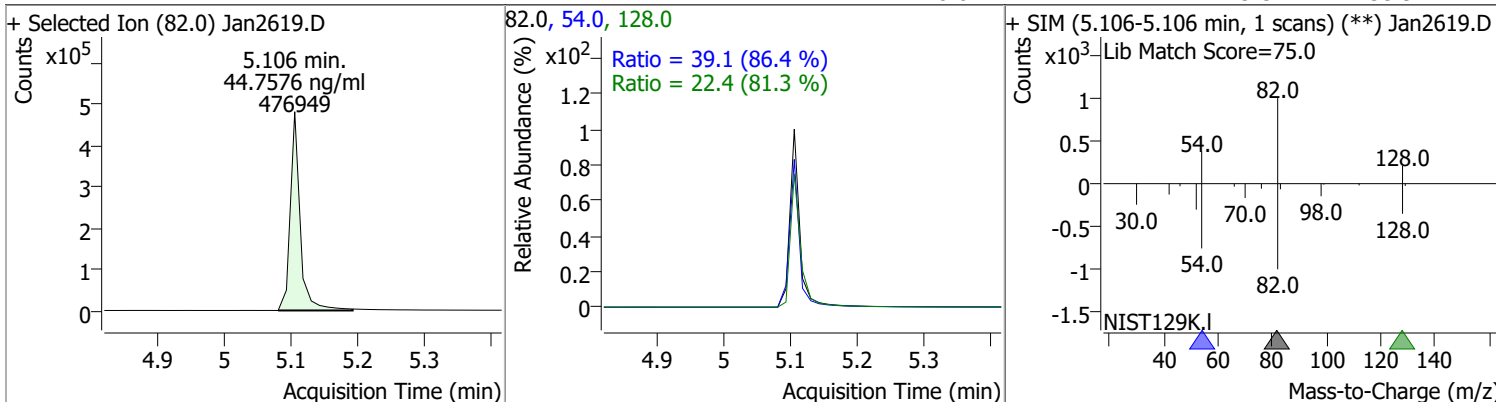
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.475	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

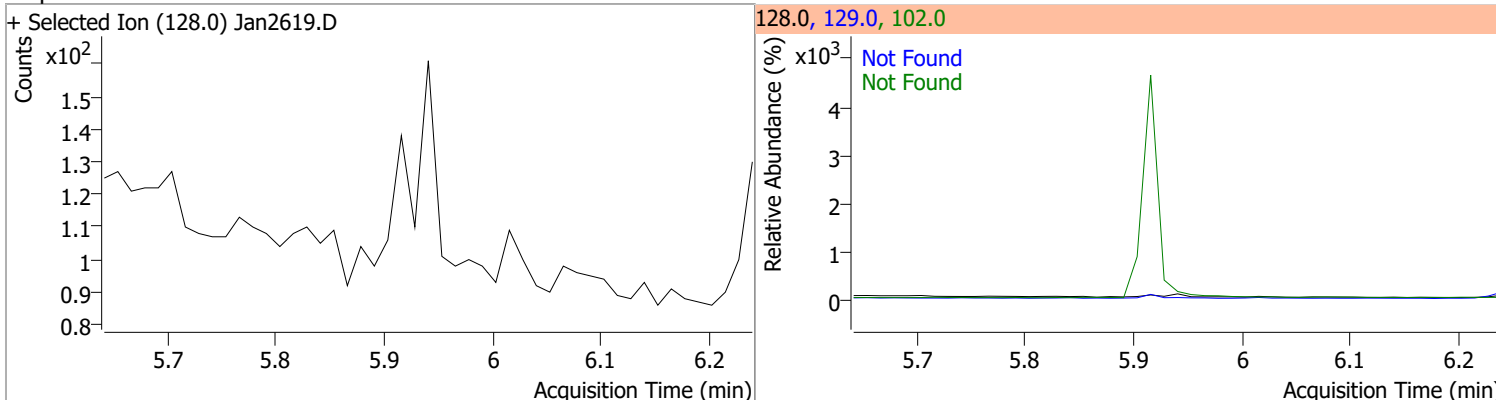


# Quantitation Results Report (QT Reviewed)

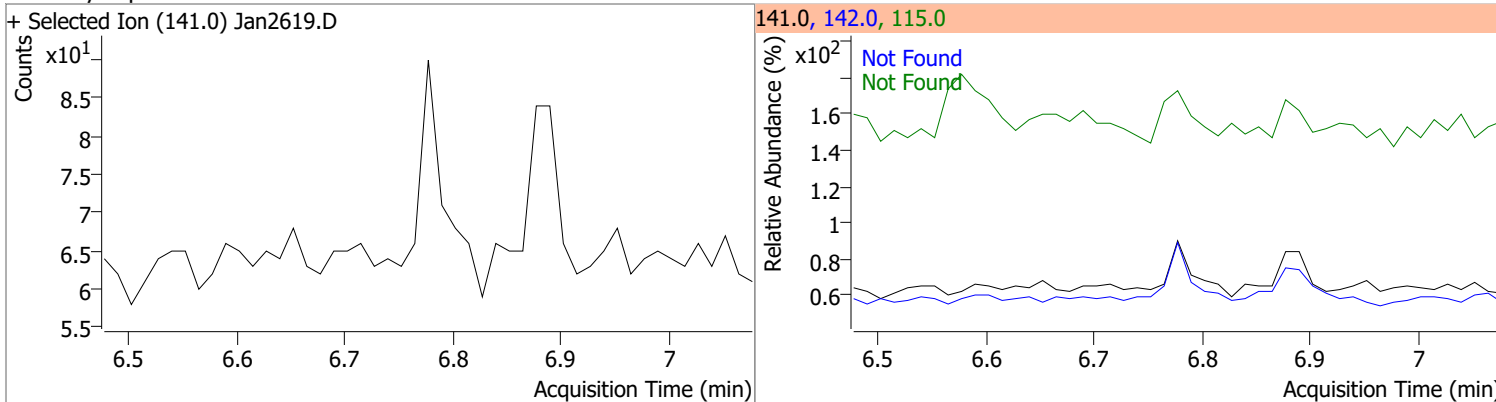
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	44.7576	5.11	-0.01	476949	54.0	39.1	31.6	58.8
					128.0	22.4	19.3	35.9



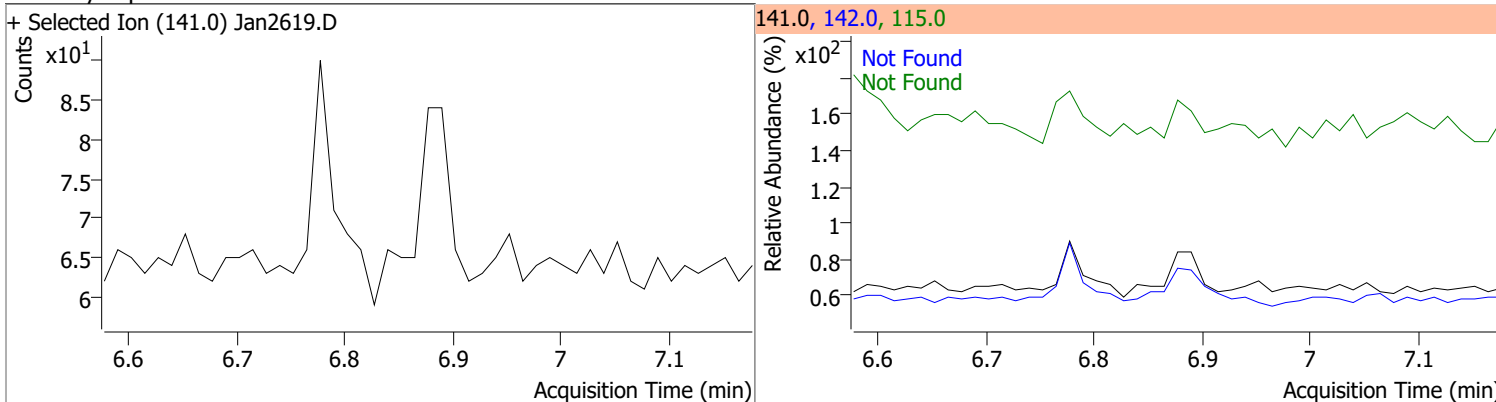
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



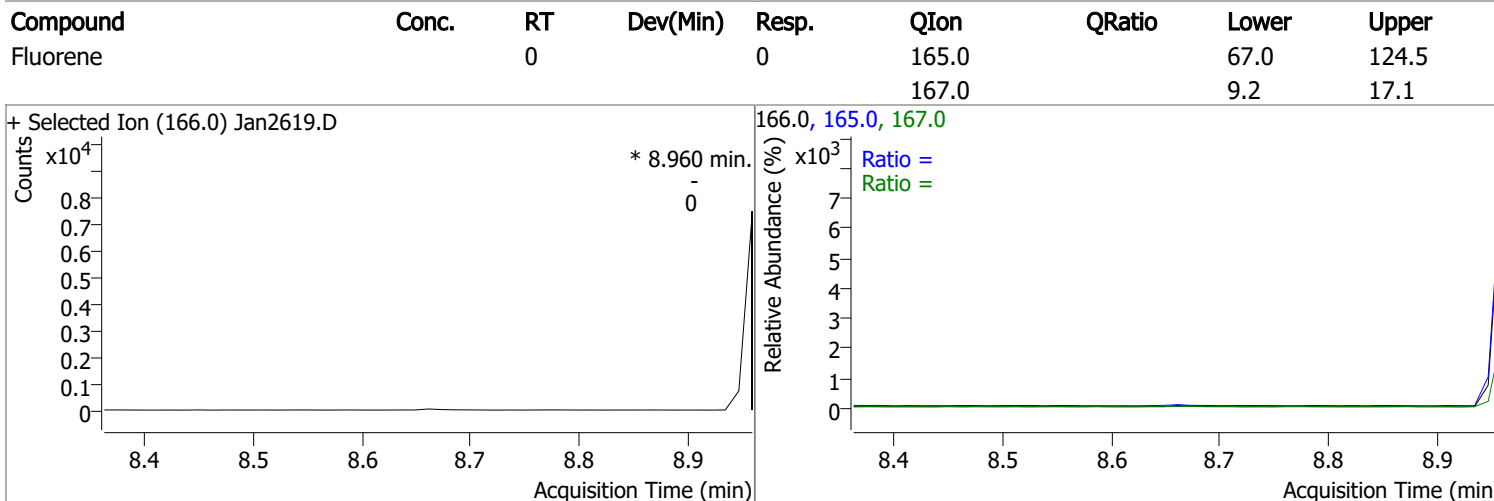
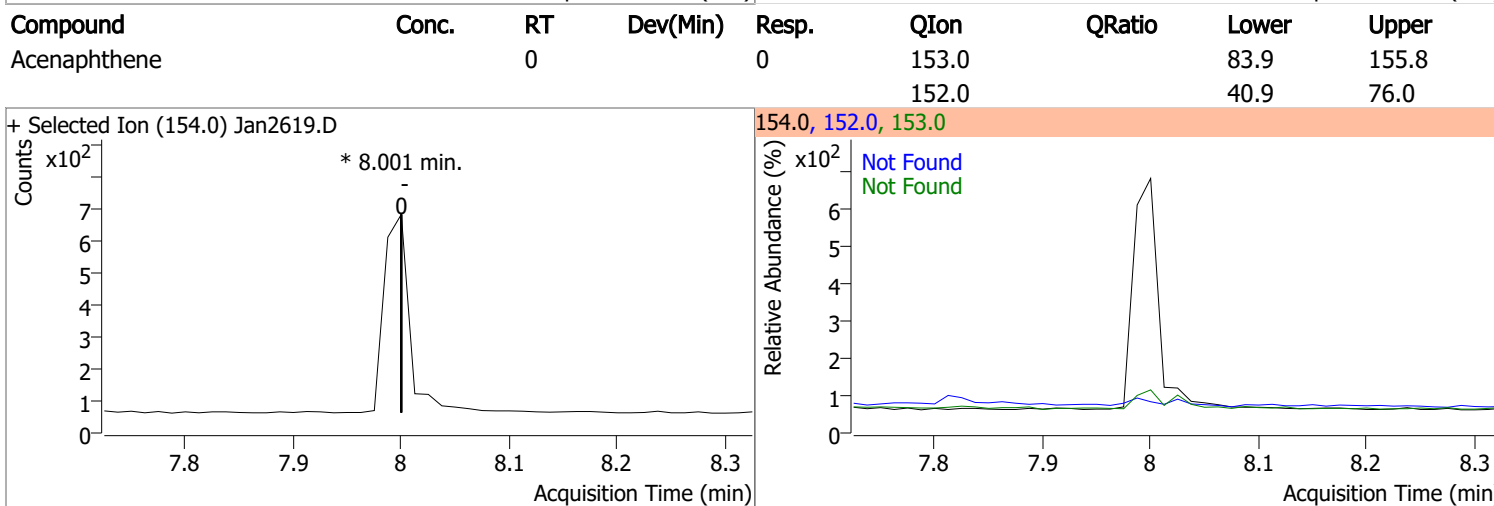
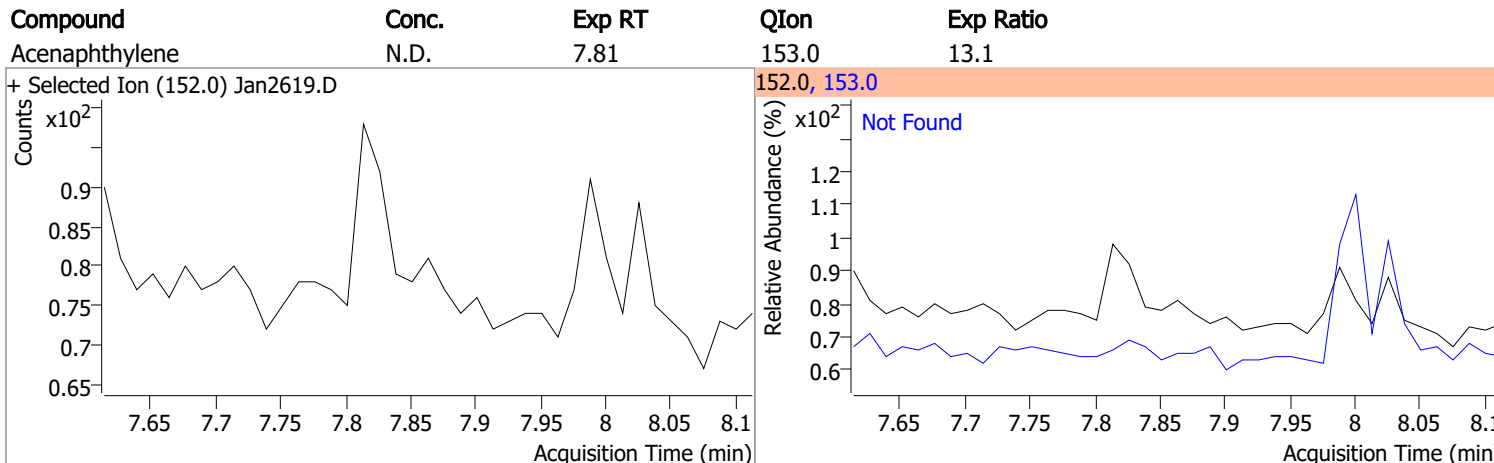
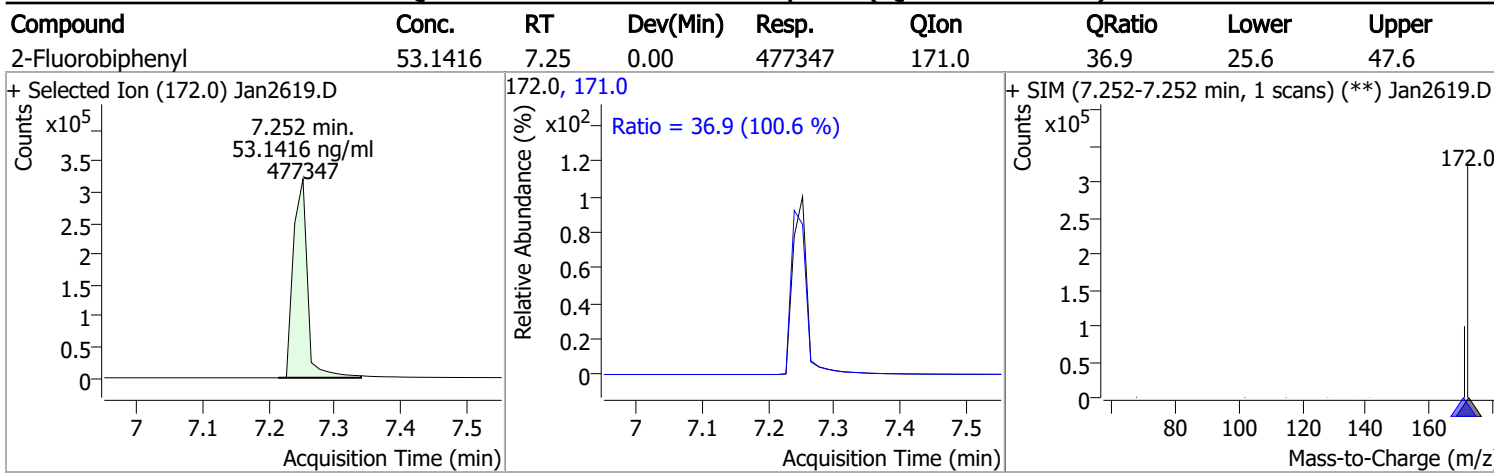
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3

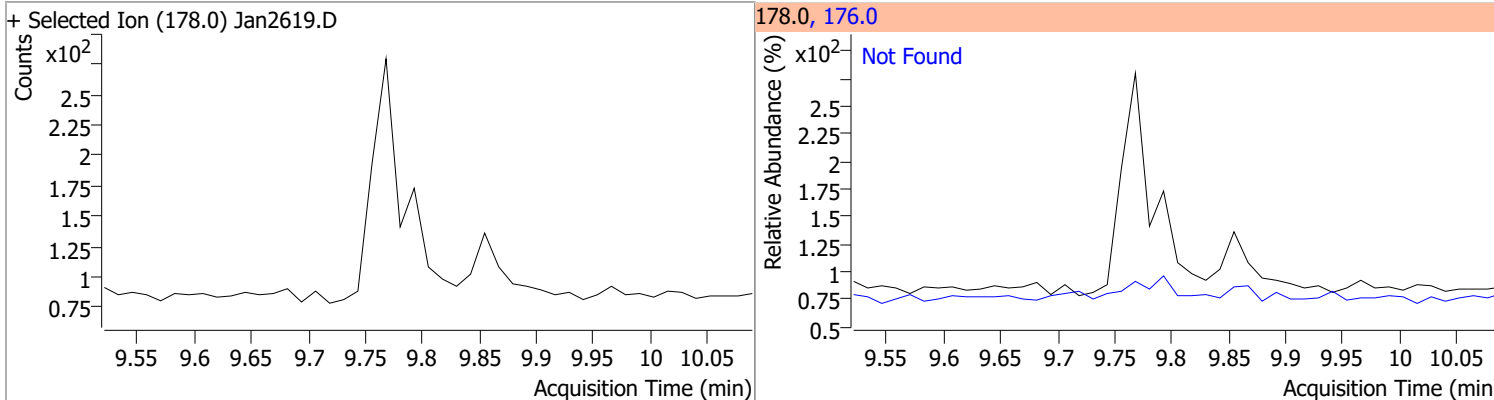


# Quantitation Results Report (QT Reviewed)

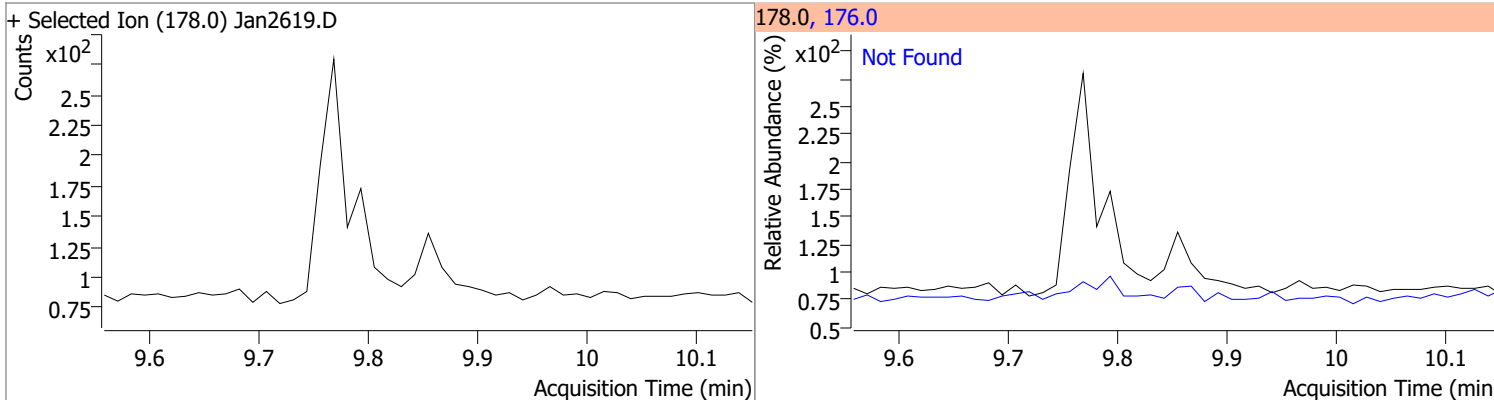


# Quantitation Results Report (QT Reviewed)

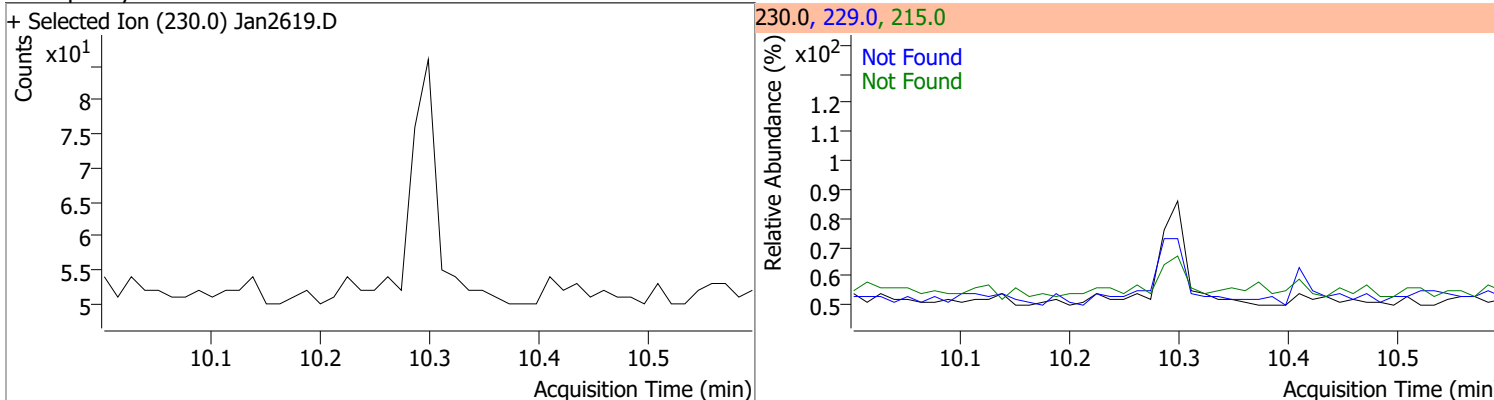
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.79	176.0	18.9



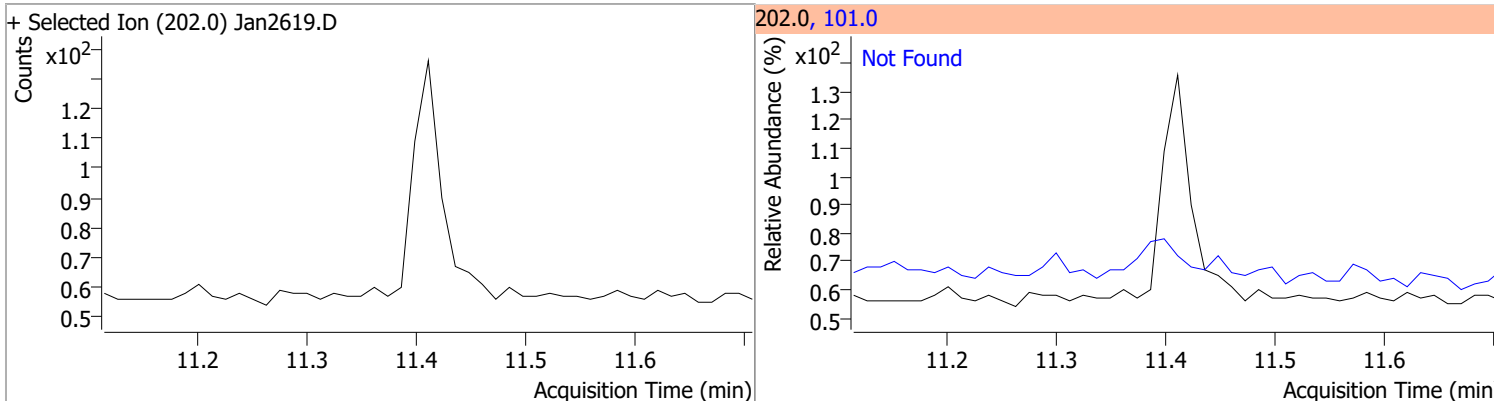
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.85	176.0	18.3



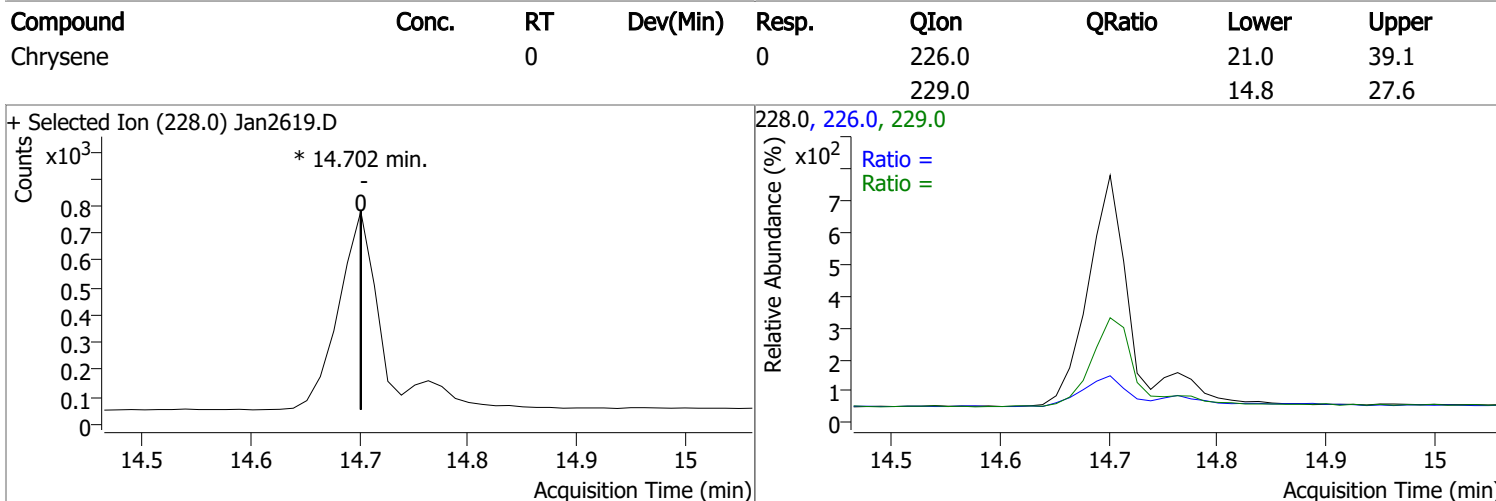
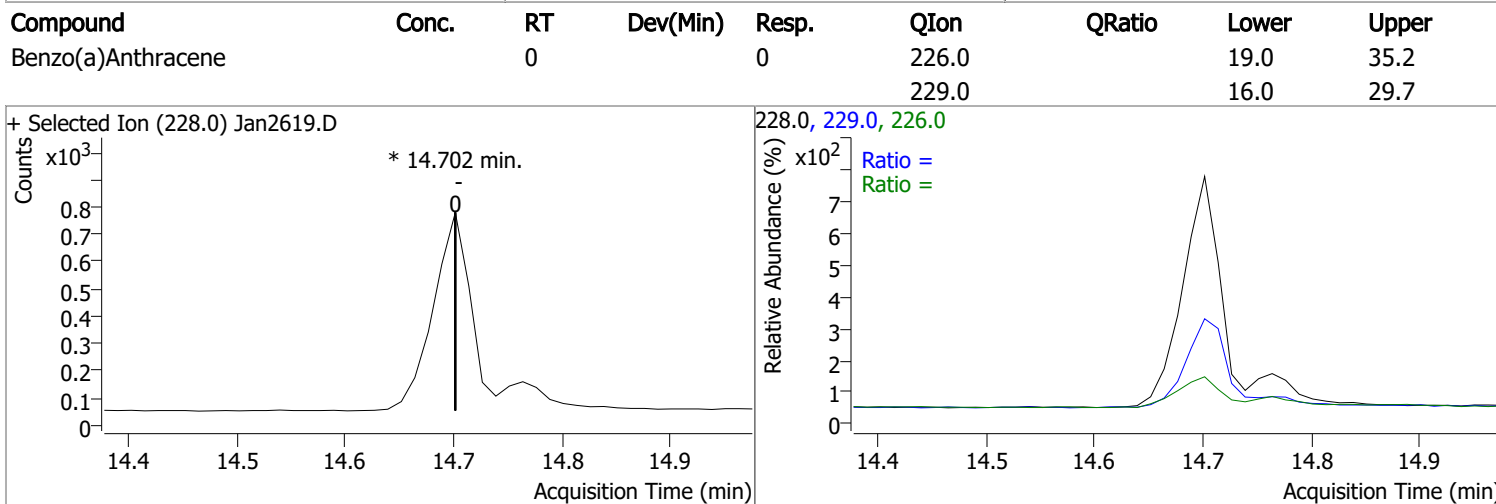
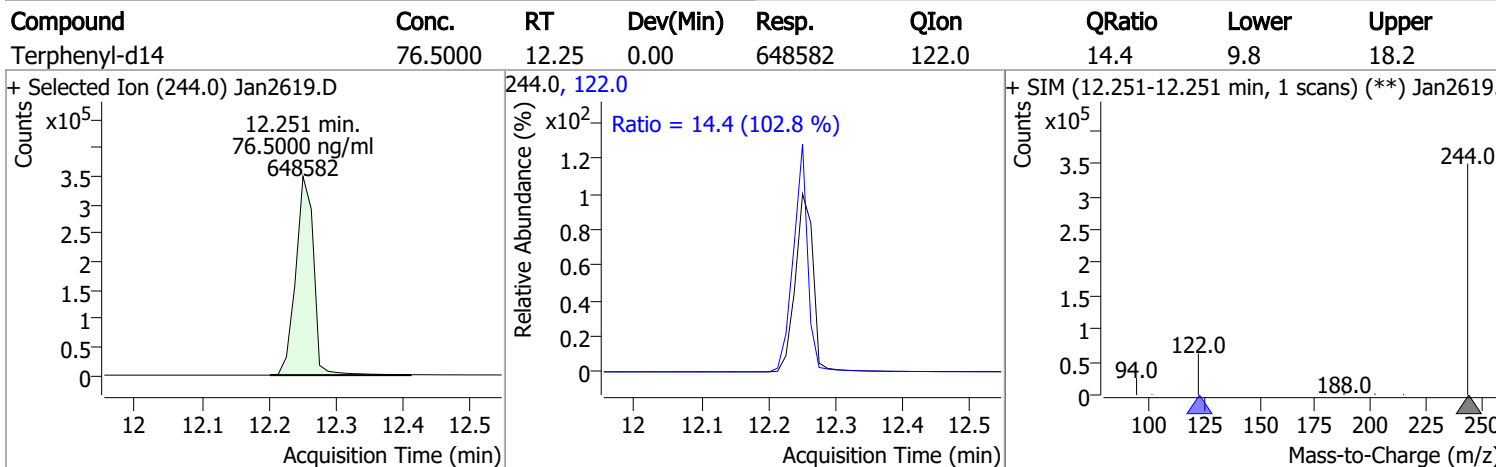
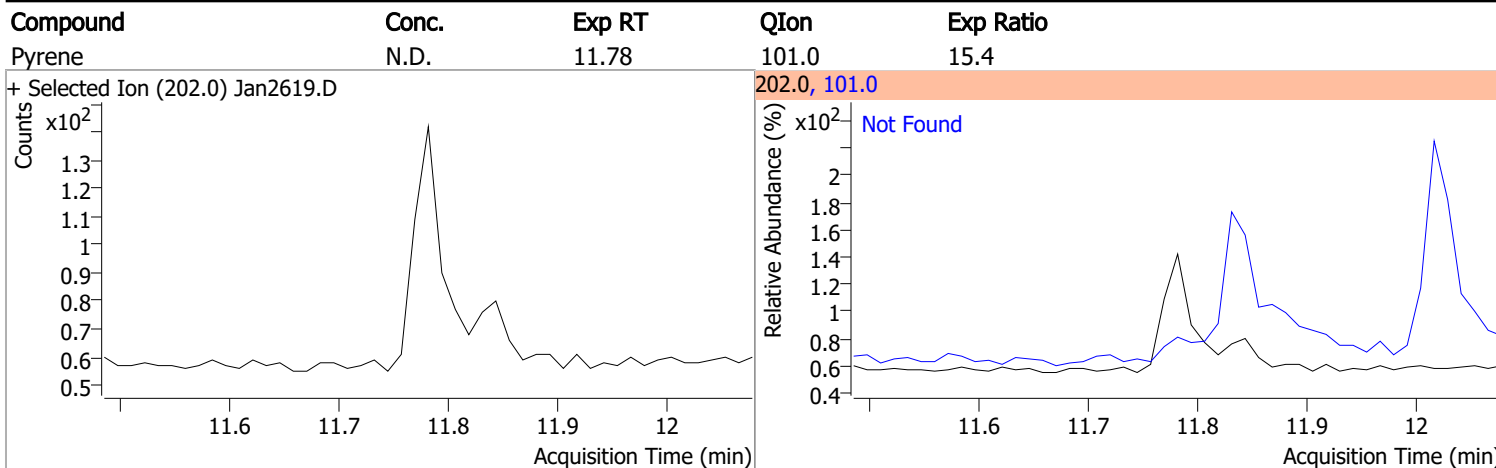
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	67.3	215.0	44.4



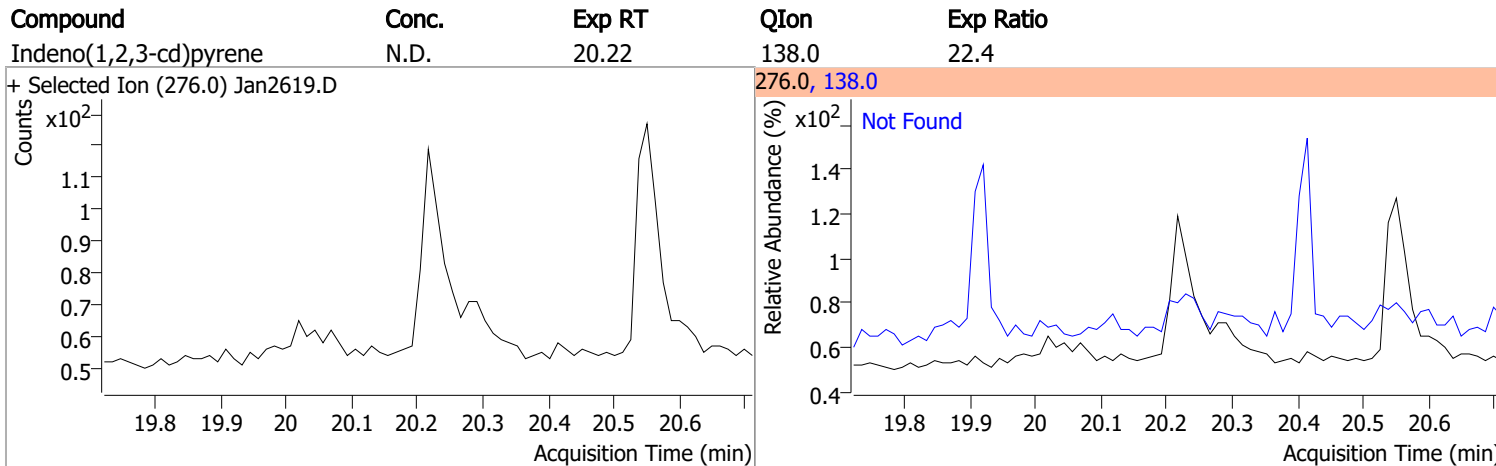
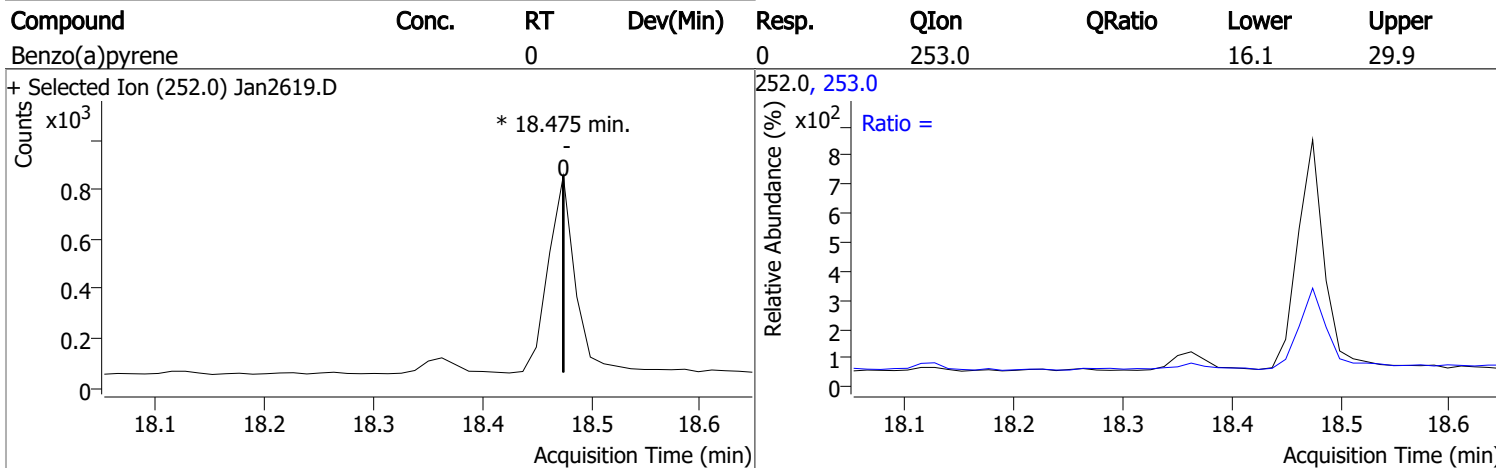
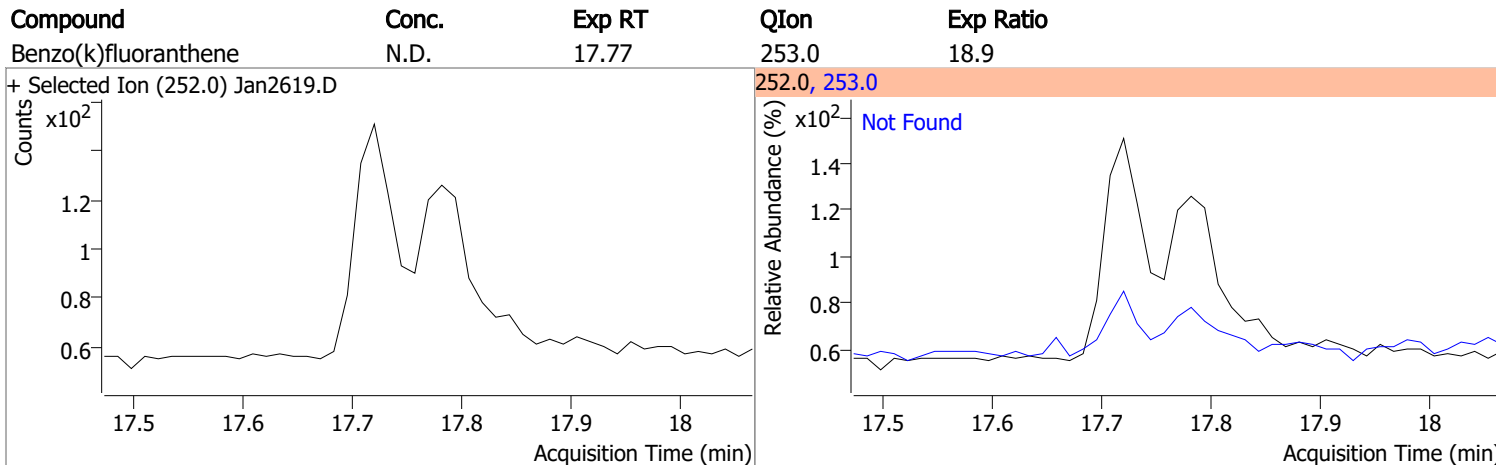
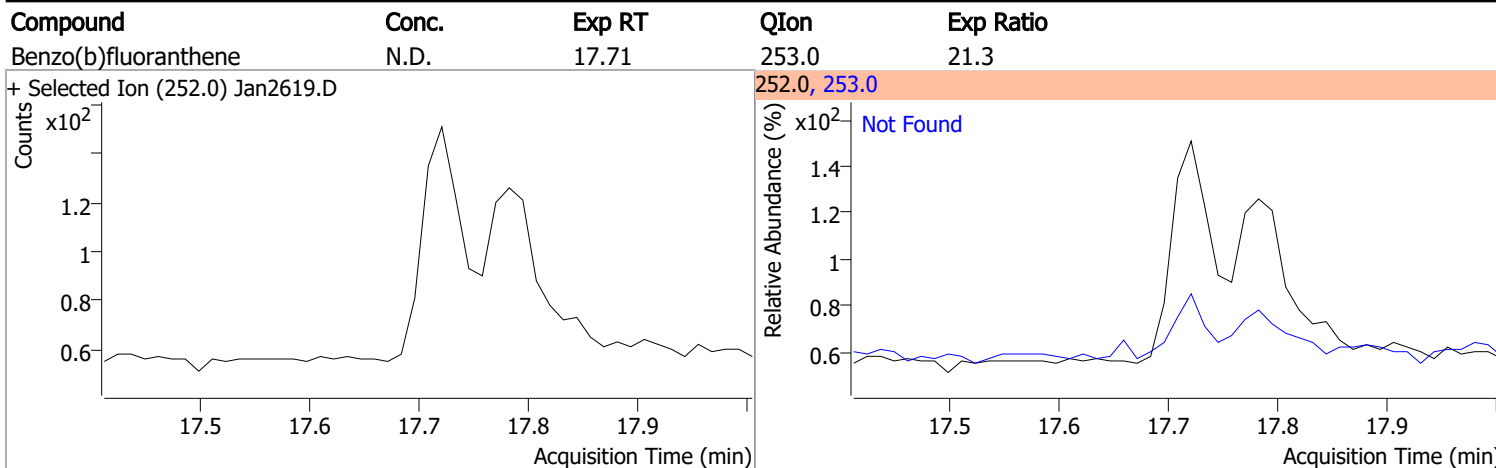
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	12.5



# Quantitation Results Report (QT Reviewed)

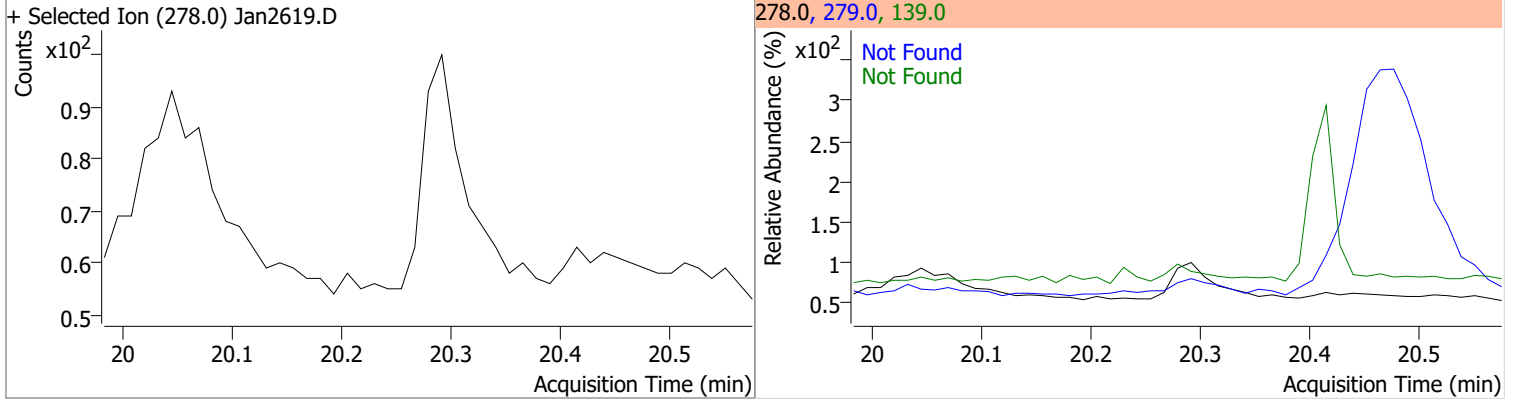


# Quantitation Results Report (QT Reviewed)

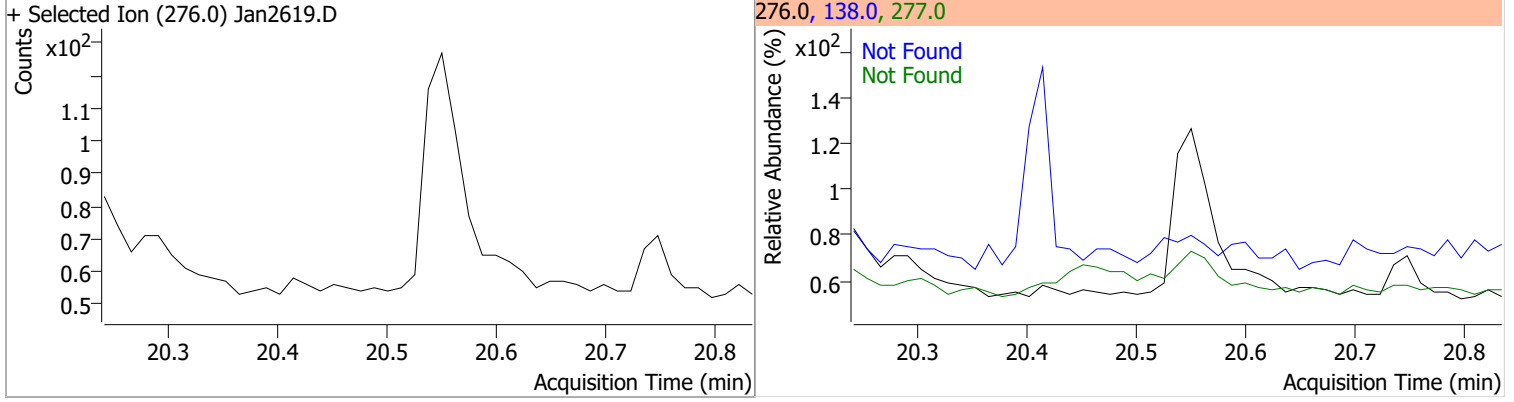


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.28	279.0	24.9	139.0	17.5



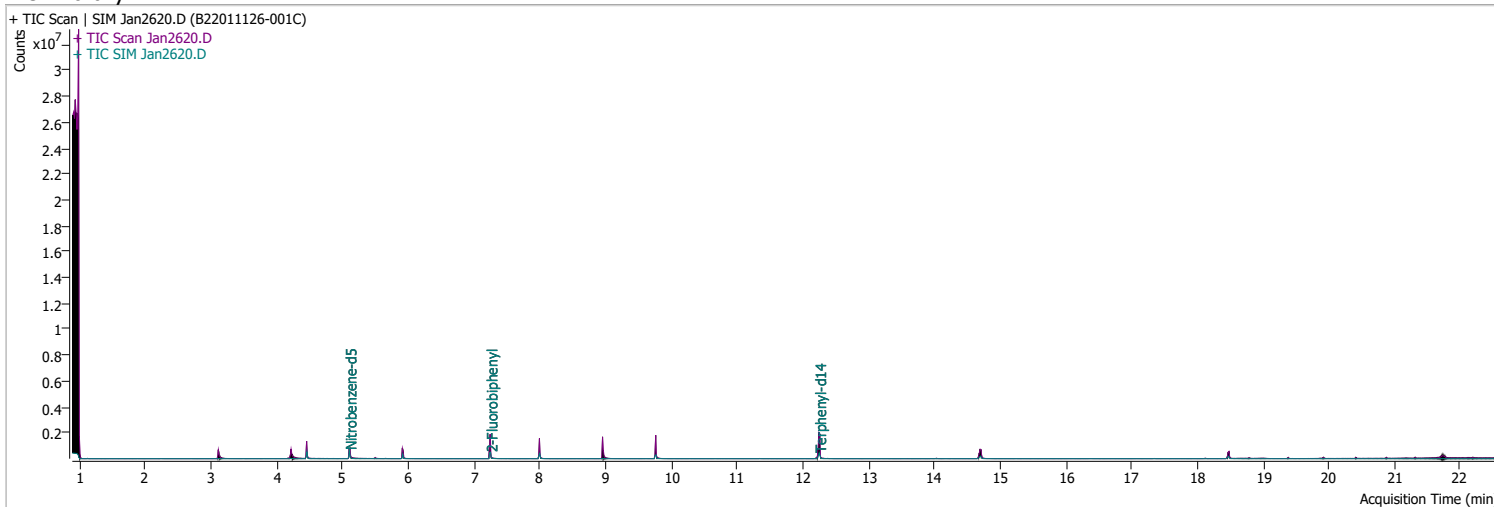
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.54	277.0	24.8	138.0	20.5



# Quantitation Results Report (QT Reviewed)

Data File	Jan2620.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/27/2022 3:02:14 AM
Sample Name	B22011126-001C	Instrument	GCMS
Vial	20	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.460	152.0	169199	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	292326	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.000	164.0	191507	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	392870	40.0000	ng/ml	0.000
M Chrysene-d12	14.701	240.0	321390	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	207807	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	458925	44.3983	ng/ml	-0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 887.97%		*
S 2-Fluorobiphenyl	7.252	172.0	572058	64.9172	ng/ml	0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1298.34%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.251	244.0	603783	76.1127	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1522.25%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		QValue
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	7.988	154.0	0		ng/ml	md 1
T Fluorene	8.960	166.0	0		ng/ml	md 1
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.701	228.0	0		ng/ml	md 1
T Chrysene	14.701	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	0.000		0	N.D.		

# Quantitation Results Report (QT Reviewed)

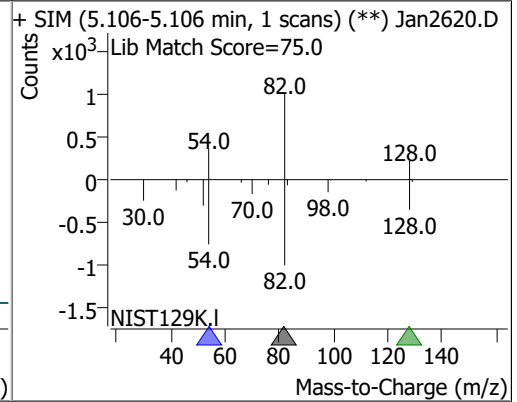
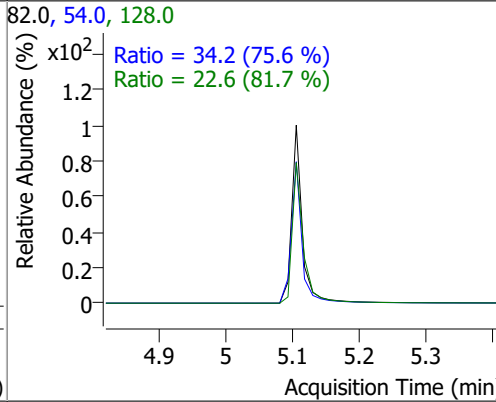
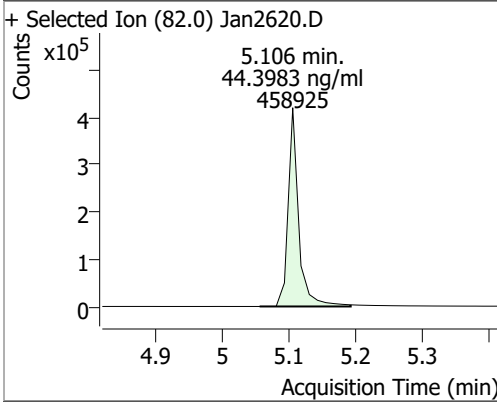
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.475	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

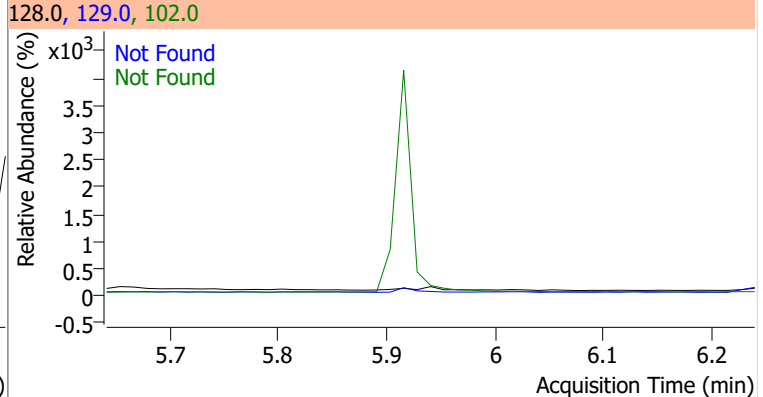
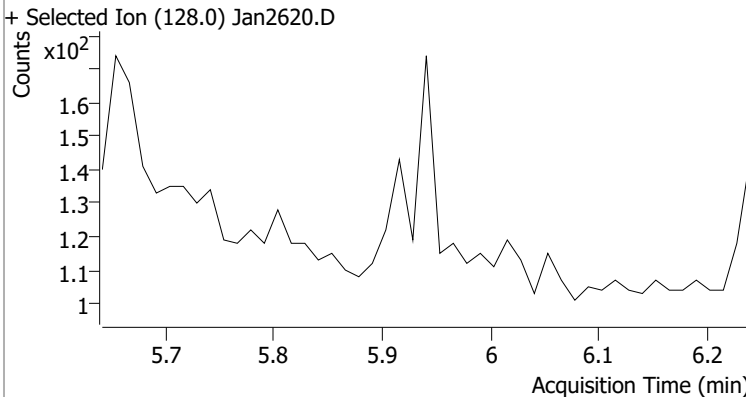


# Quantitation Results Report (QT Reviewed)

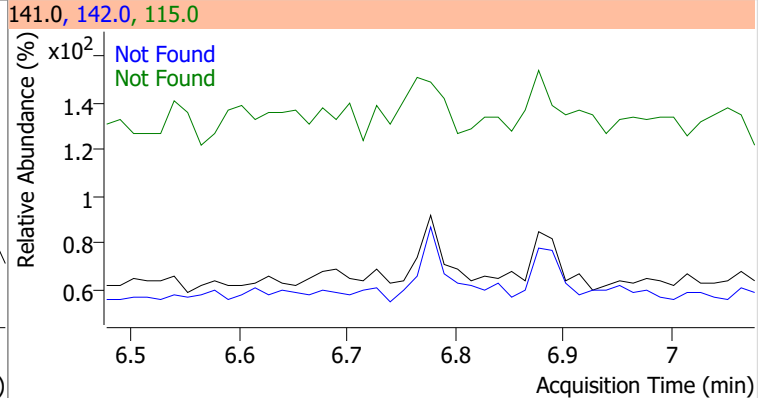
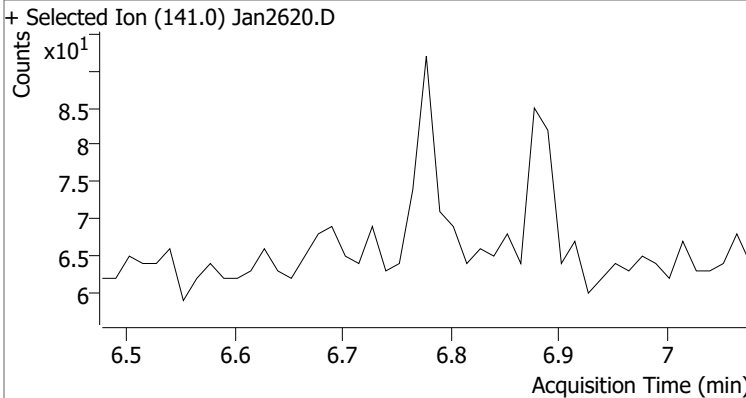
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	44.3983	5.11	-0.01	458925	54.0	34.2	31.6	58.8
					128.0	22.6	19.3	35.9



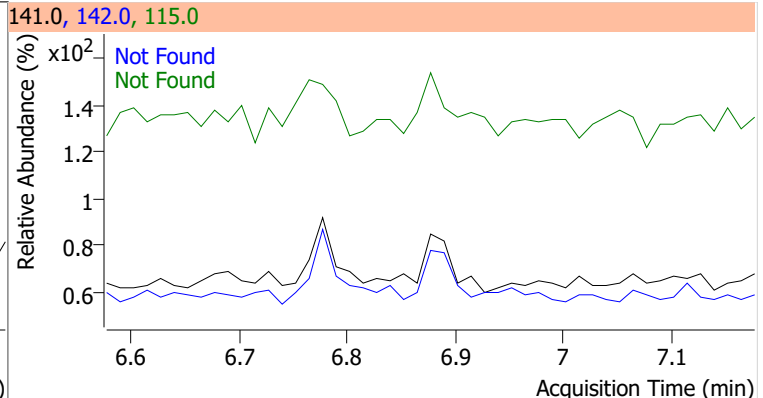
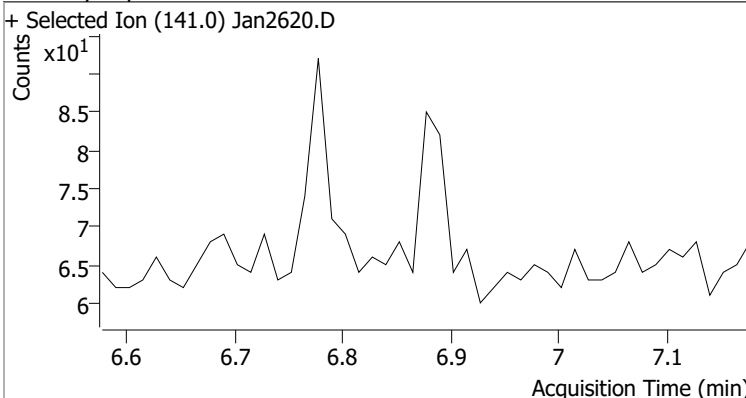
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



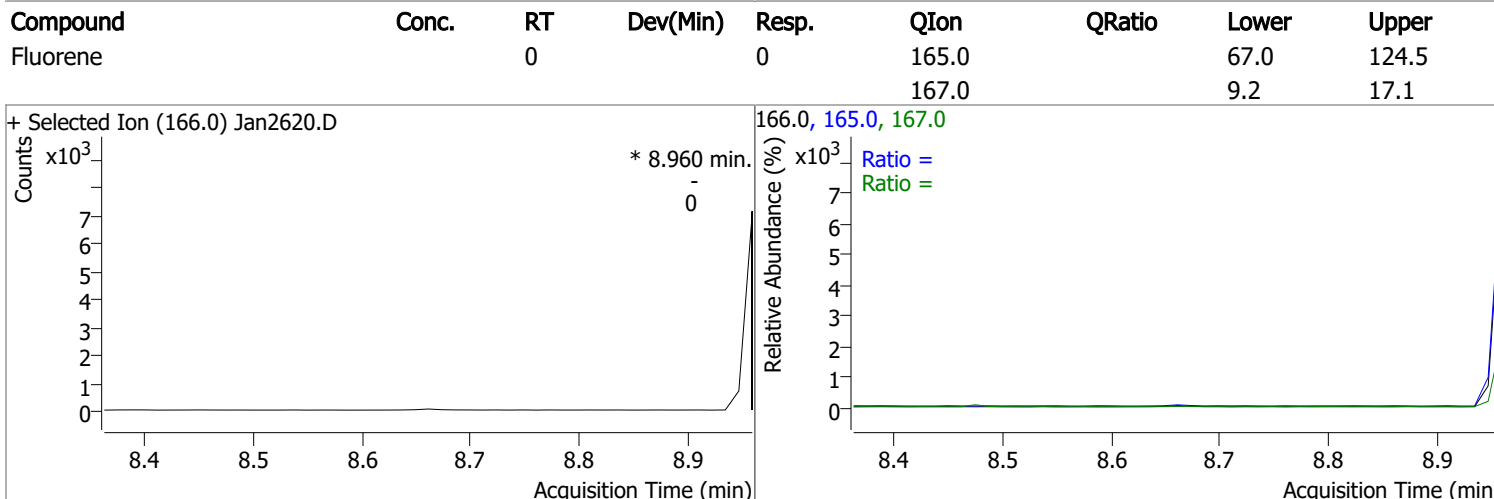
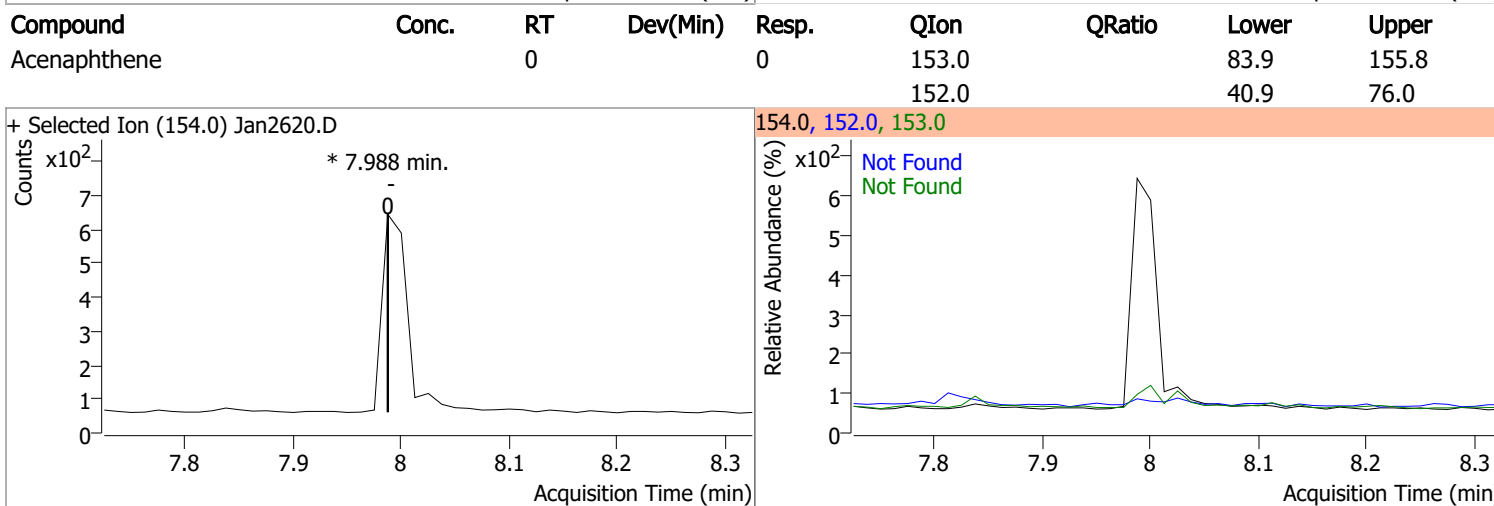
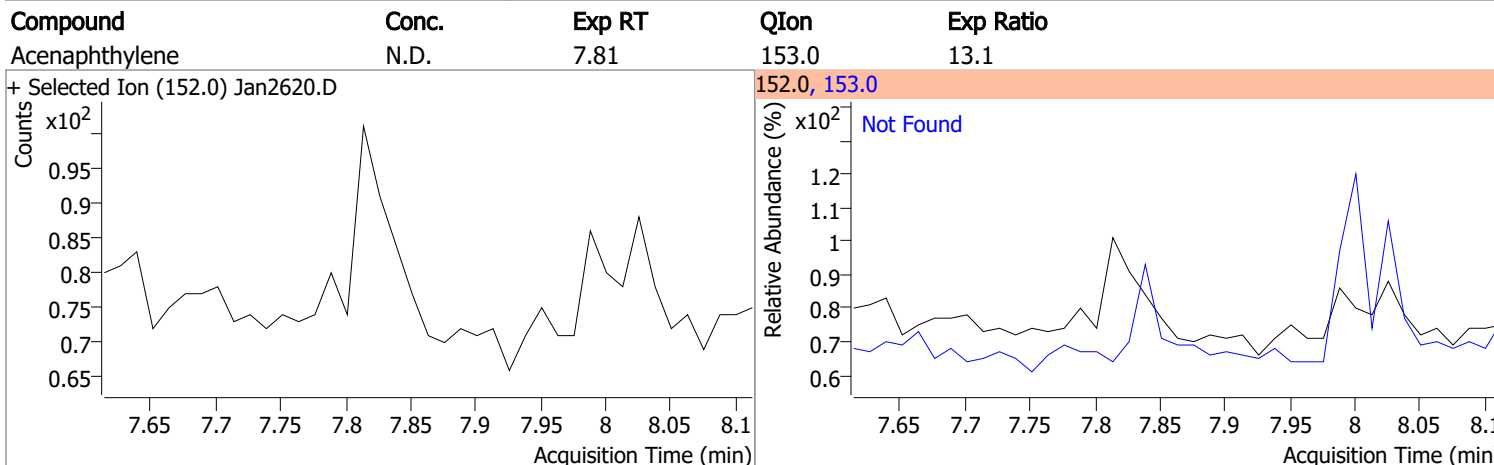
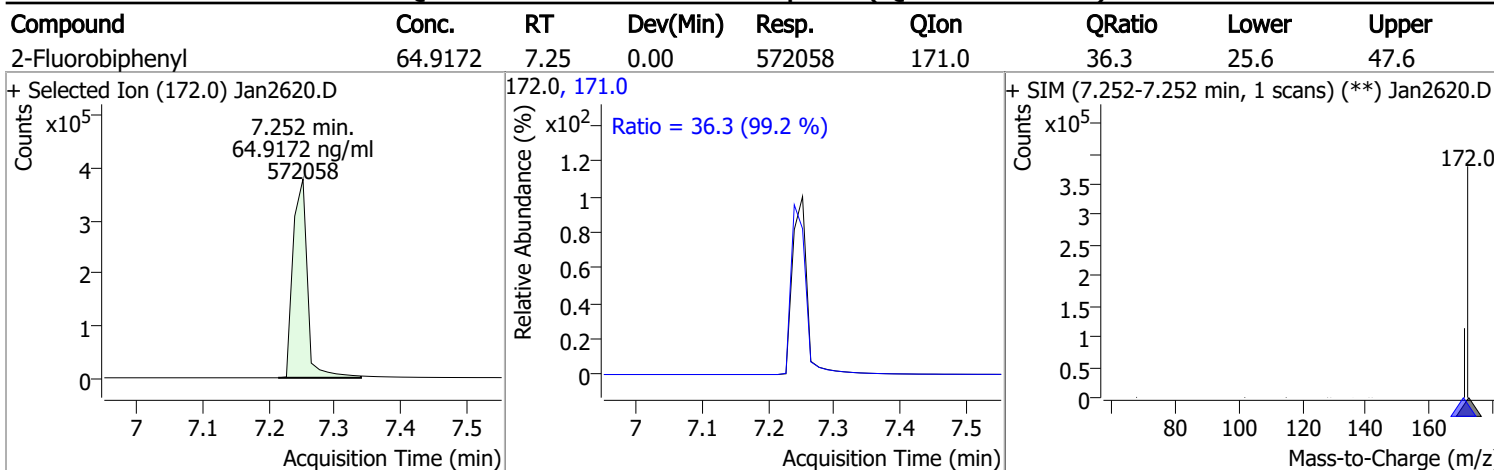
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1



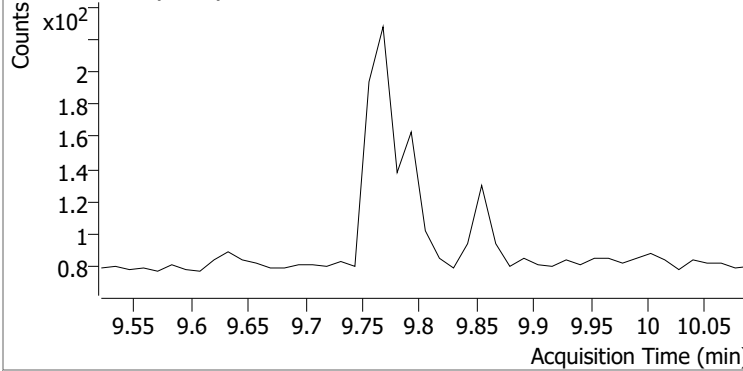
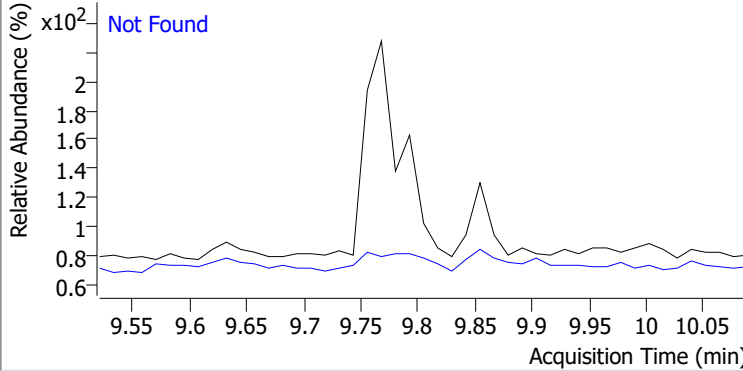
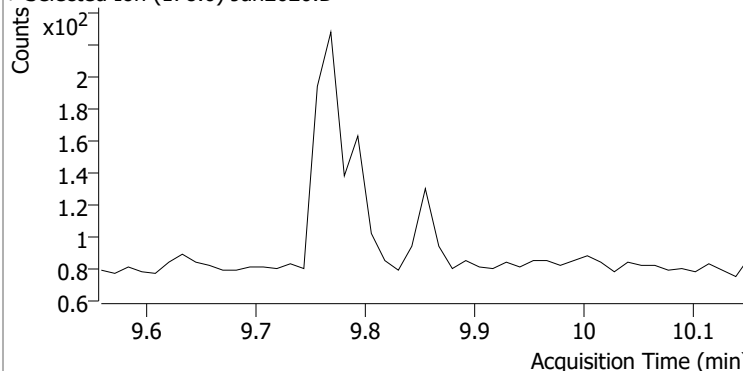
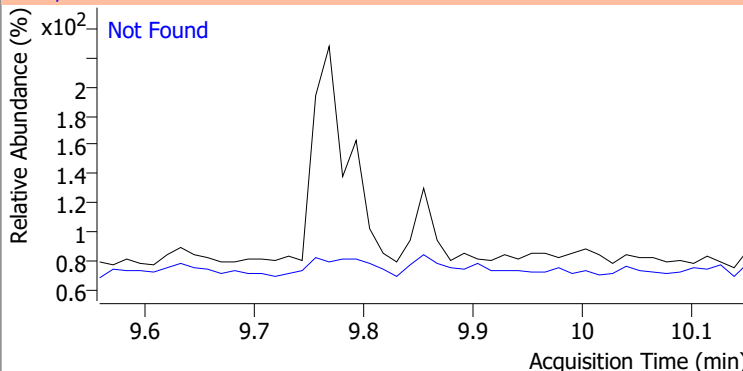
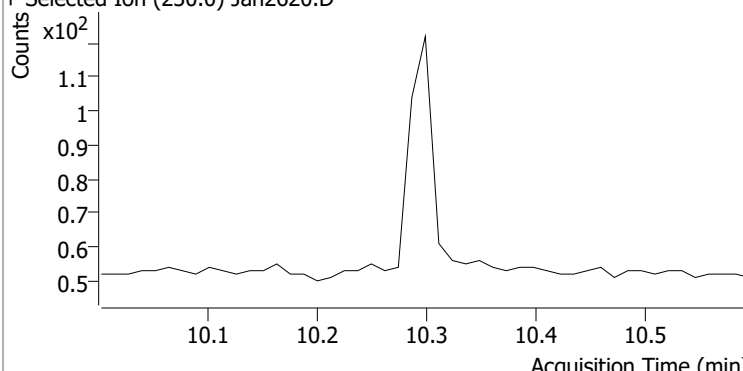
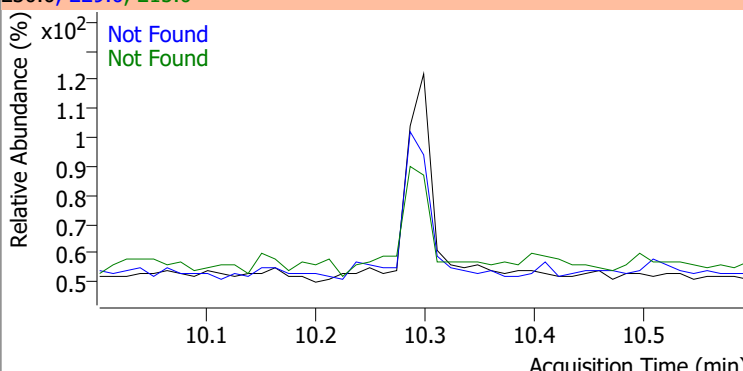
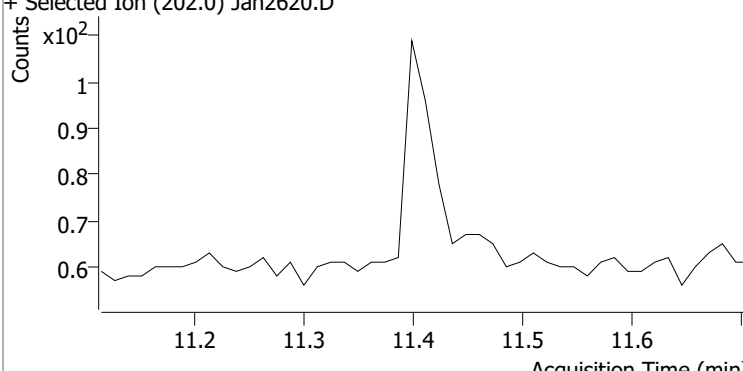
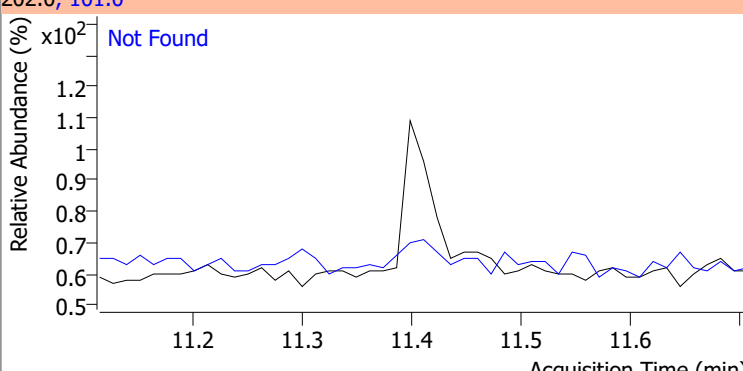
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3



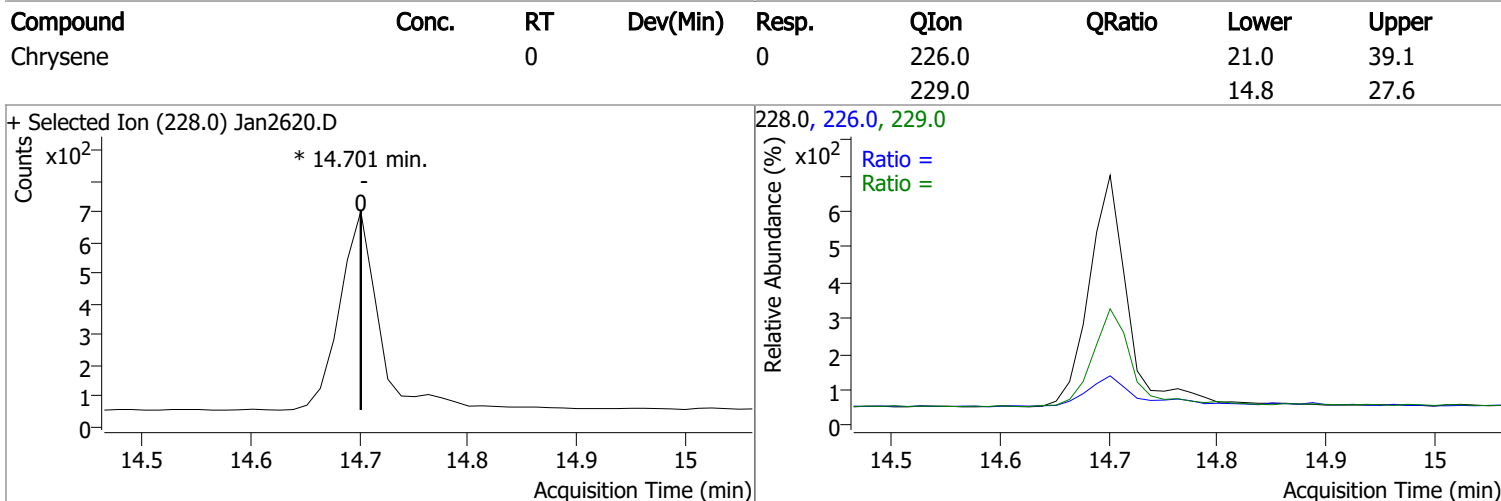
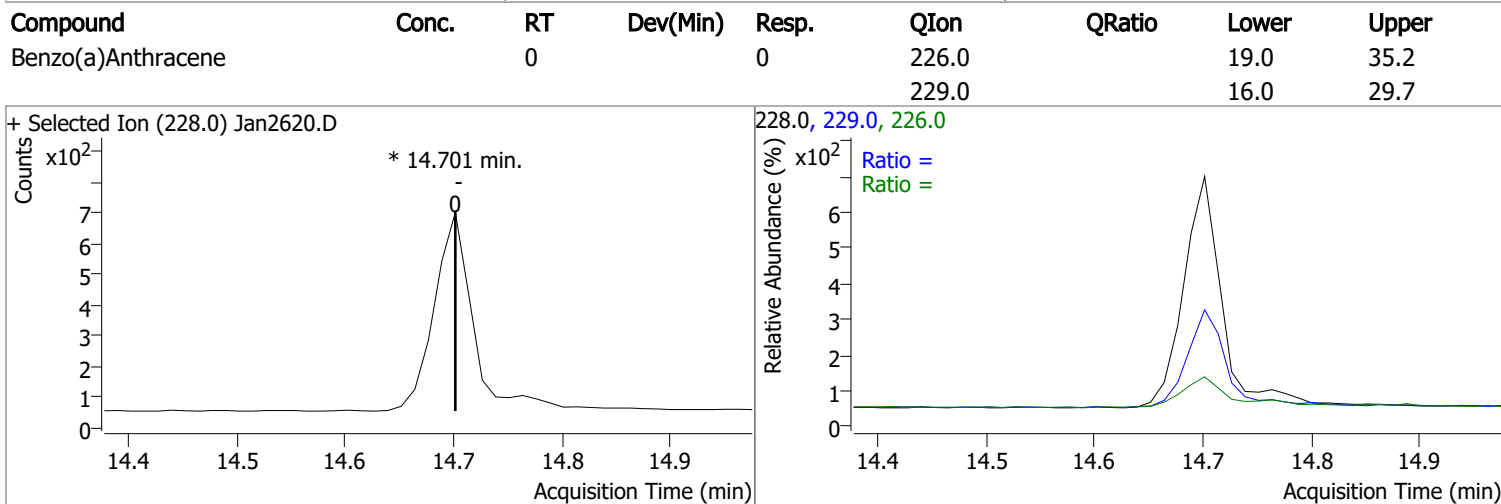
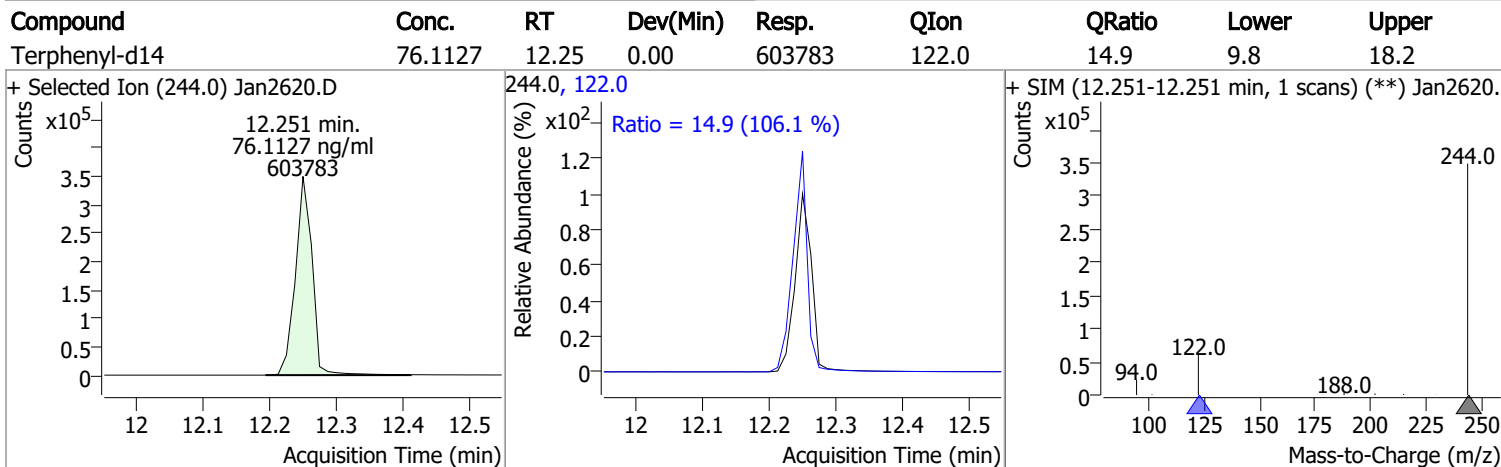
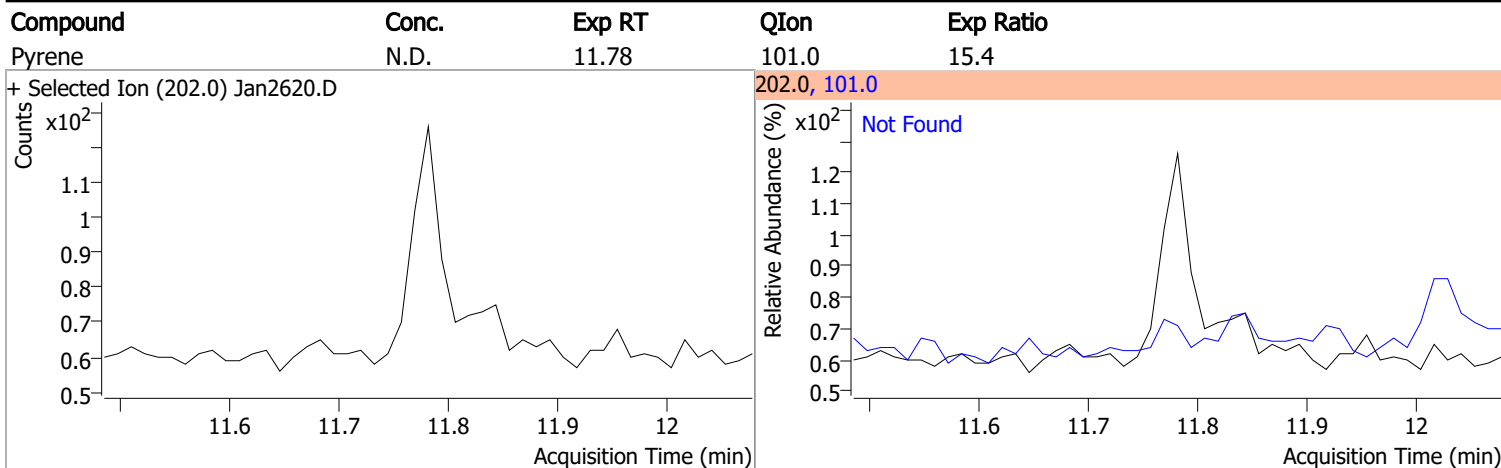
# Quantitation Results Report (QT Reviewed)



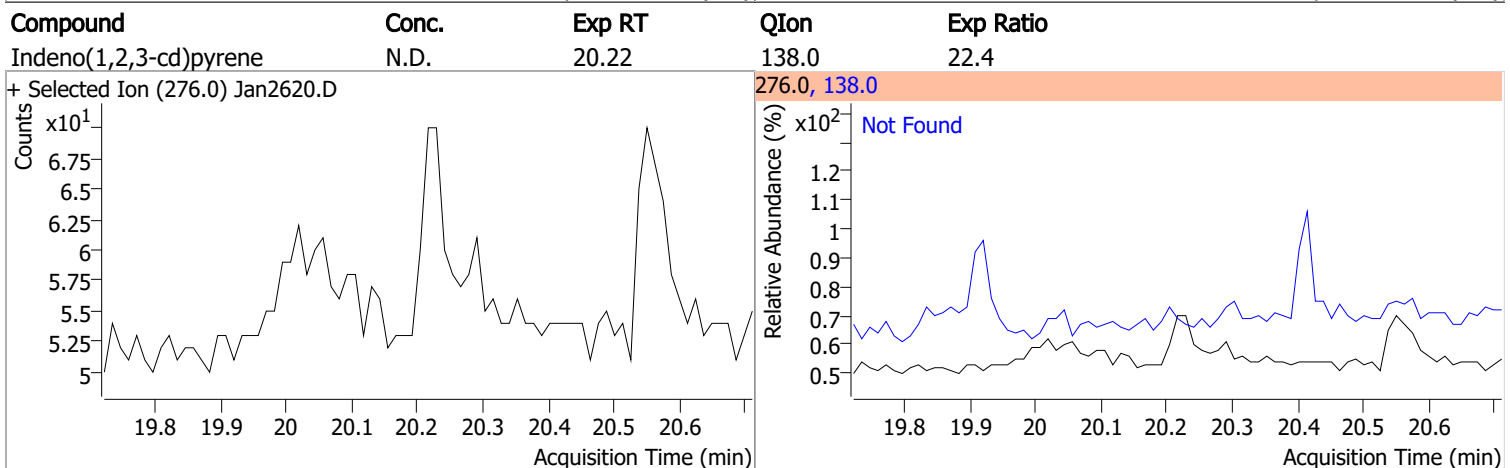
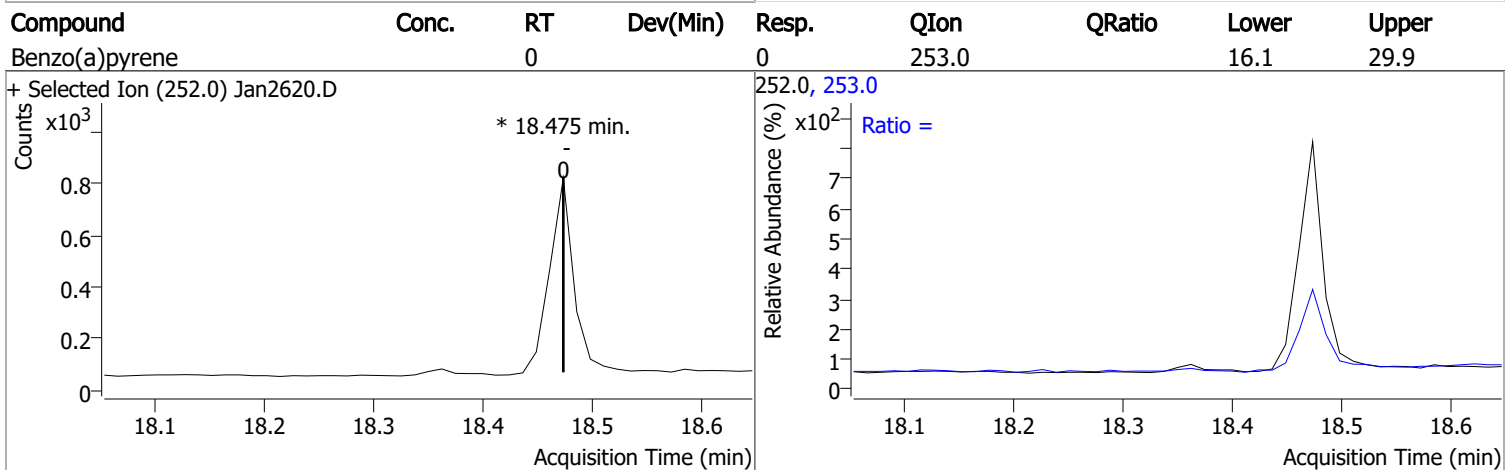
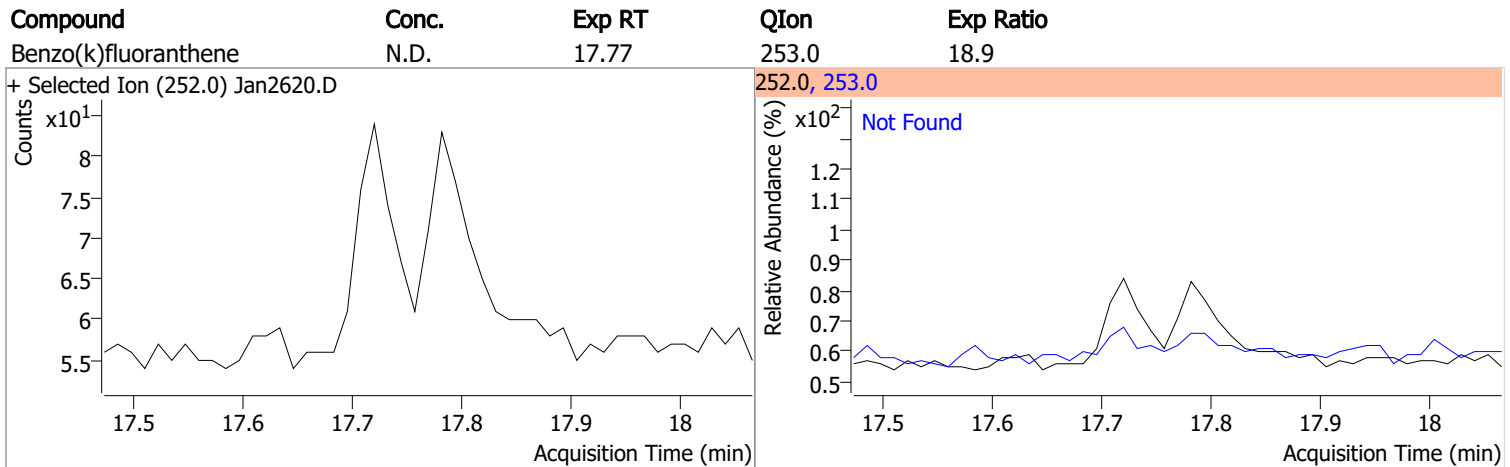
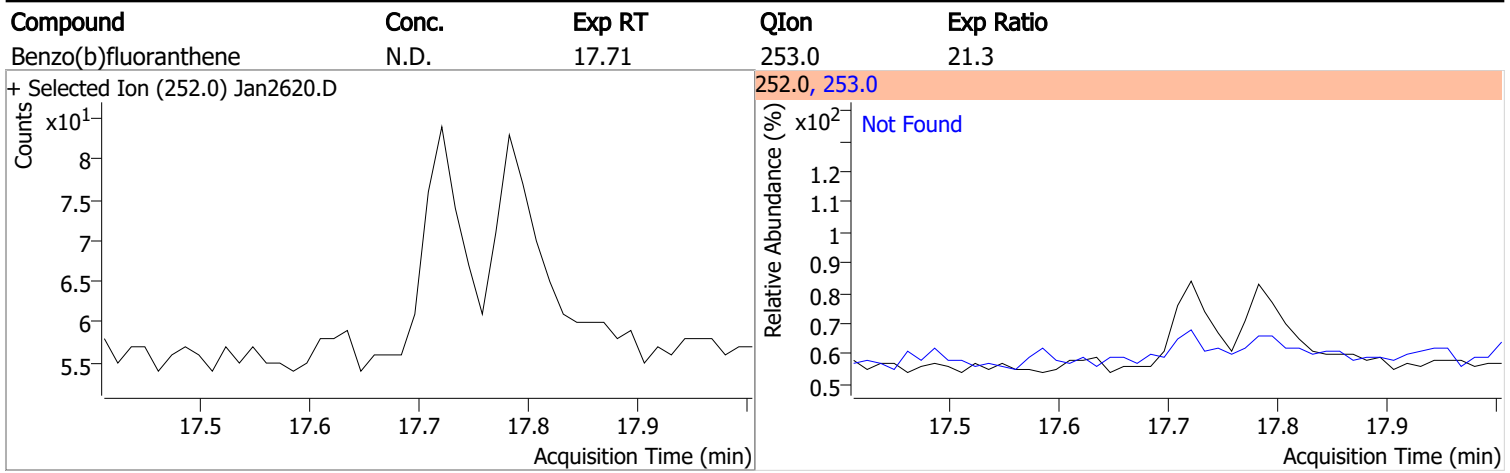
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio		
Phenanthrene	N.D.	9.79	176.0	18.9		
+ Selected Ion (178.0) Jan2620.D			178.0, 176.0			
						
Anthracene	N.D.	9.85	176.0	18.3		
+ Selected Ion (178.0) Jan2620.D			178.0, 176.0			
						
o-Terphenyl	N.D.	10.30	229.0	67.3	QIon	Exp Ratio
			215.0	44.4		
+ Selected Ion (230.0) Jan2620.D			230.0, 229.0, 215.0			
						
Fluoranthene	N.D.	11.41	101.0	12.5		
+ Selected Ion (202.0) Jan2620.D			202.0, 101.0			
						

# Quantitation Results Report (QT Reviewed)

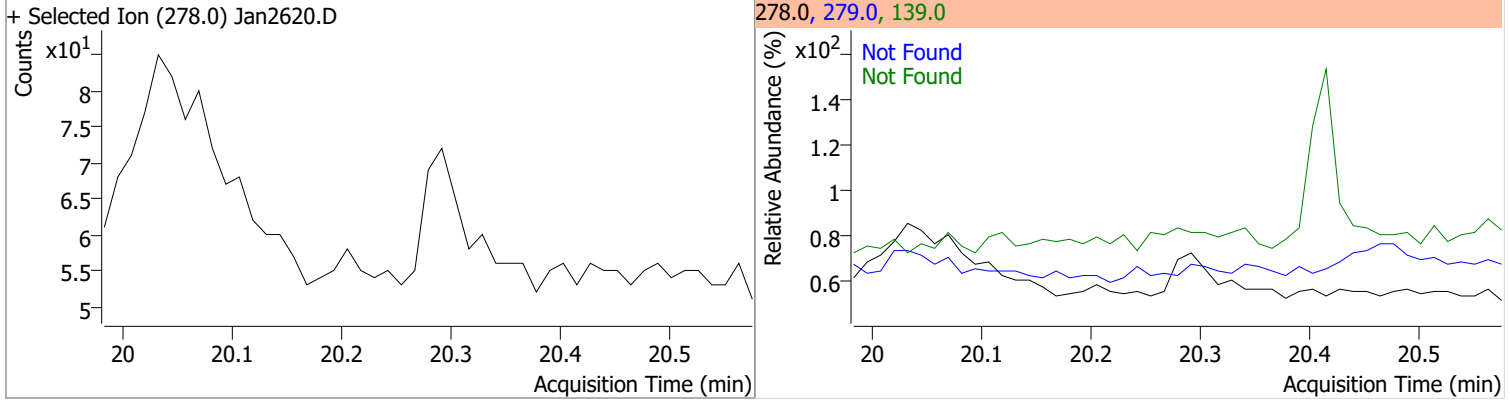


# Quantitation Results Report (QT Reviewed)

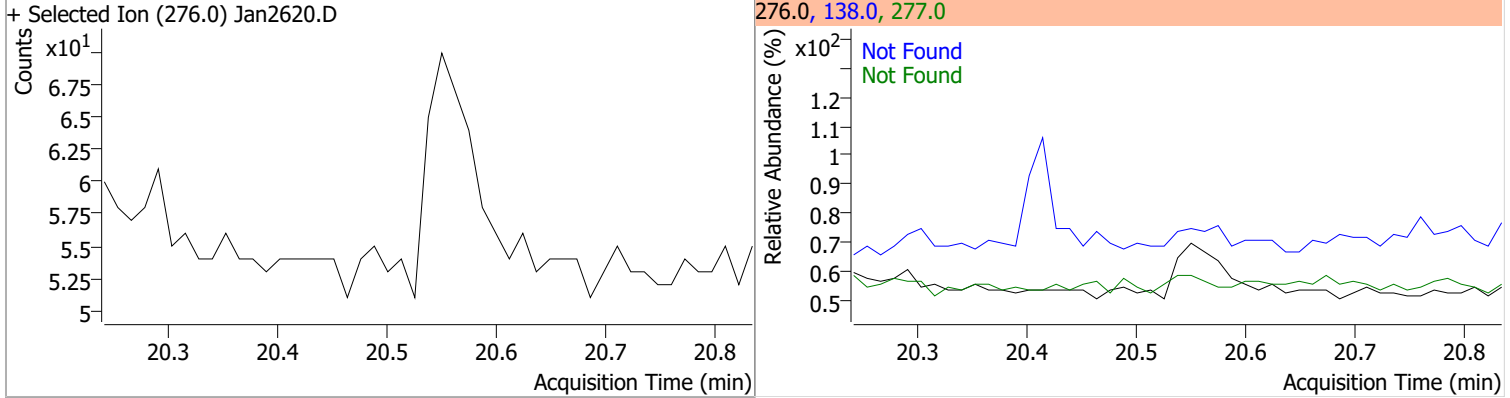


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.28	279.0	24.9	139.0	17.5



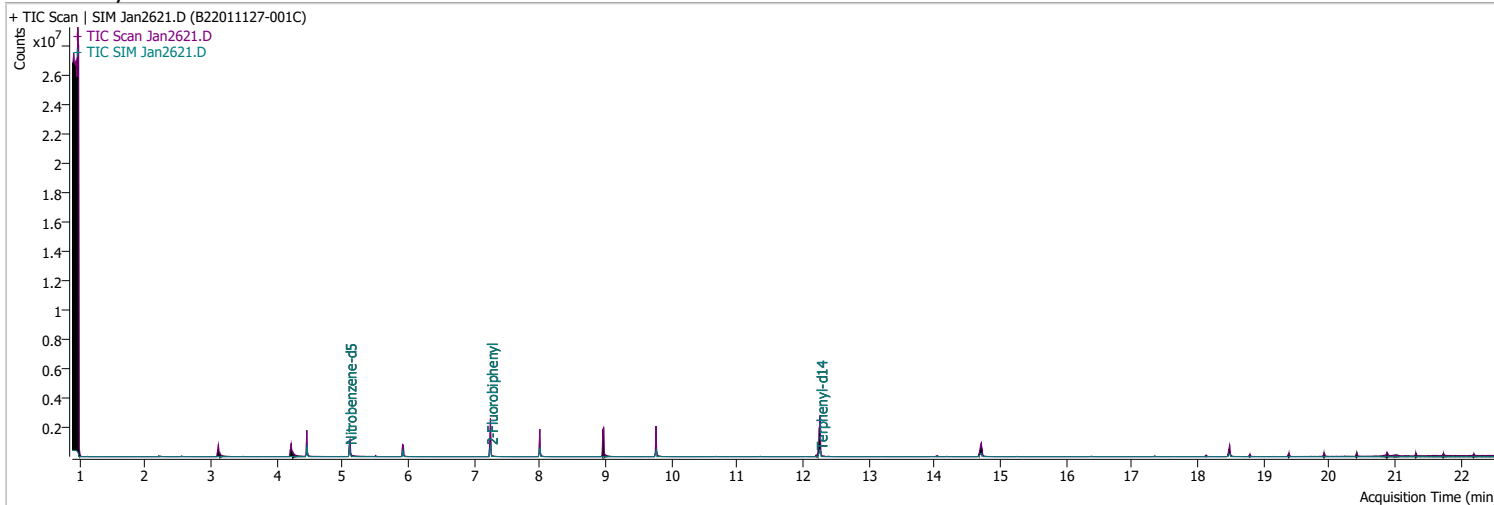
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.54	277.0	24.8	138.0	20.5



# Quantitation Results Report (QT Reviewed)

Data File	Jan2621.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/27/2022 3:34:52 AM
Sample Name	B22011127-001C	Instrument	GCMS
Vial	21	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.459	152.0	199841	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	346290	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.000	164.0	244309	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	503290	40.0000	ng/ml	0.000
M Chrysene-d12	14.714	240.0	392437	40.0000	ng/ml	0.012
M Perylene-d12	18.475	264.0	269454	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	547379	44.6612	ng/ml	-0.013
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 893.22%		*
S 2-Fluorobiphenyl	7.252	172.0	723105	64.4069	ng/ml	0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1288.14%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.263	244.0	740300	76.3432	ng/ml	0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1526.86%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.000	154.0	0		ng/ml	md 1
T Fluorene	8.960	166.0	0		ng/ml	md 1
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.701	228.0	0		ng/ml	md 1
T Chrysene	14.701	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	0.000		0	N.D.		

# Quantitation Results Report (QT Reviewed)

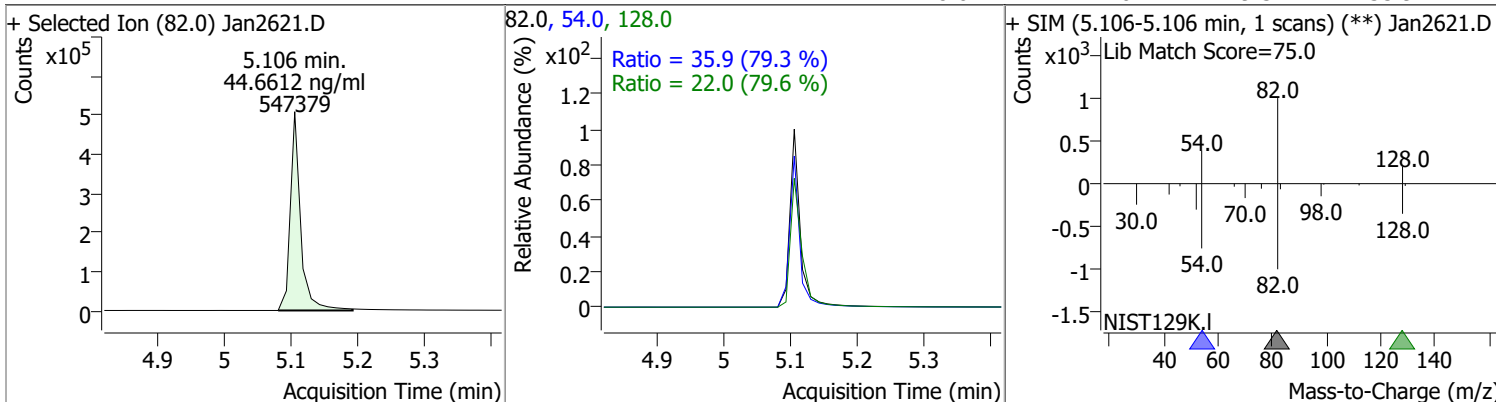
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.475	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

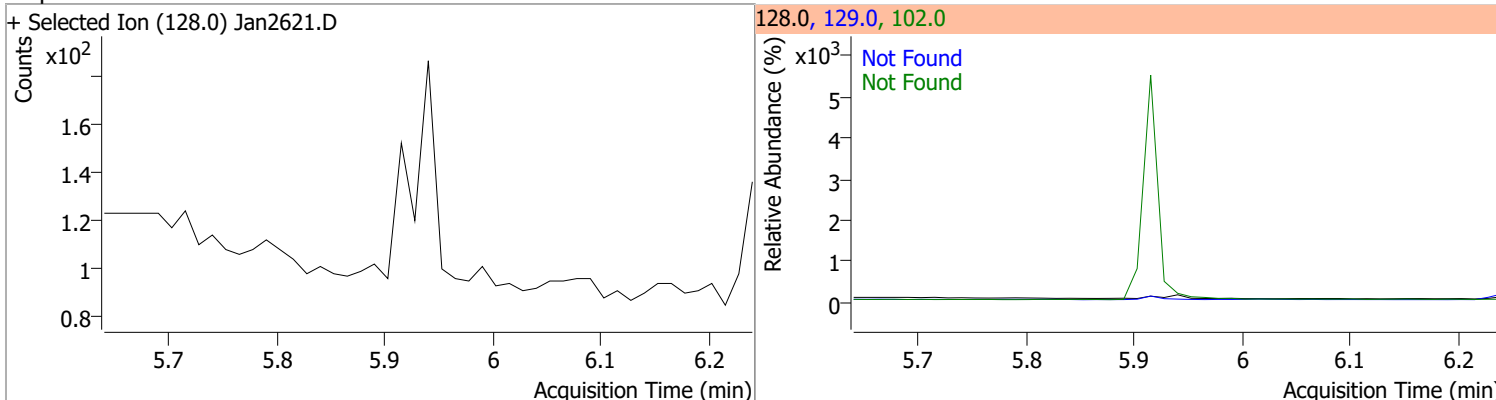


# Quantitation Results Report (QT Reviewed)

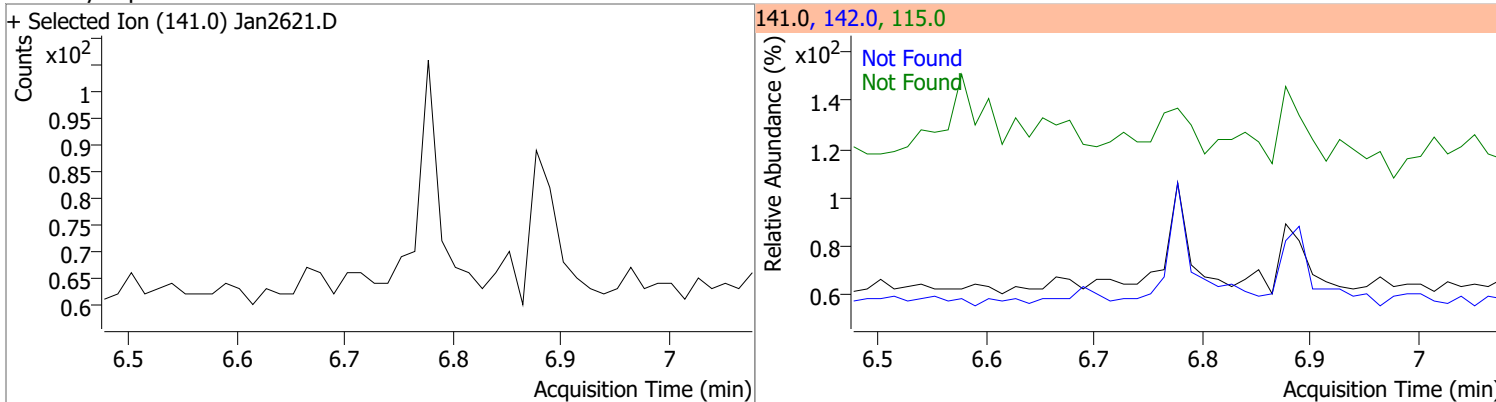
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	44.6612	5.11	-0.01	547379	54.0	35.9	31.6	58.8
					128.0	22.0	19.3	35.9



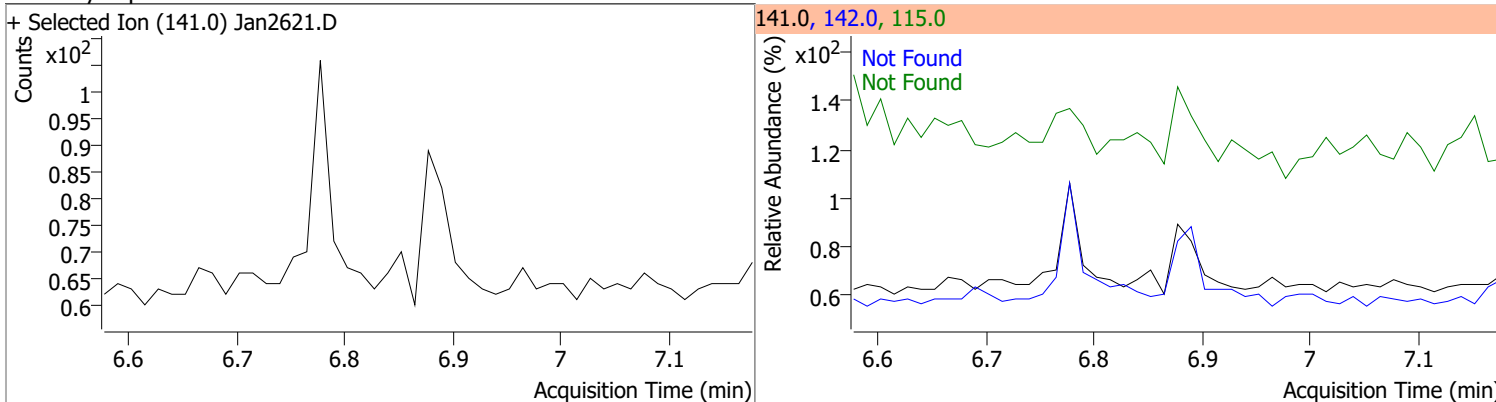
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



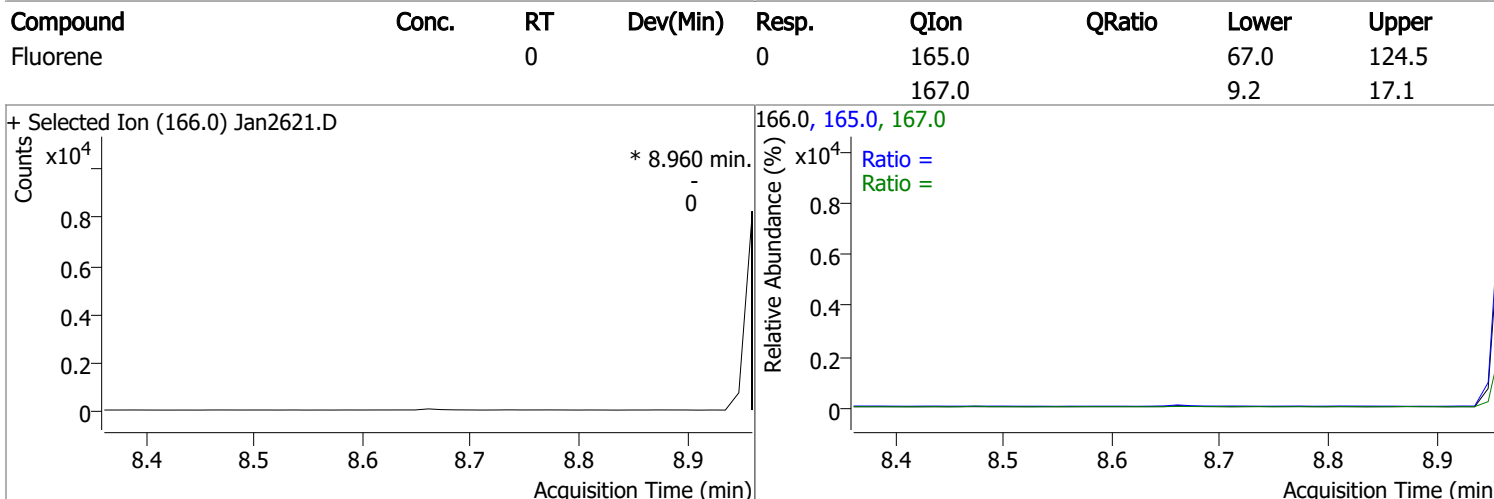
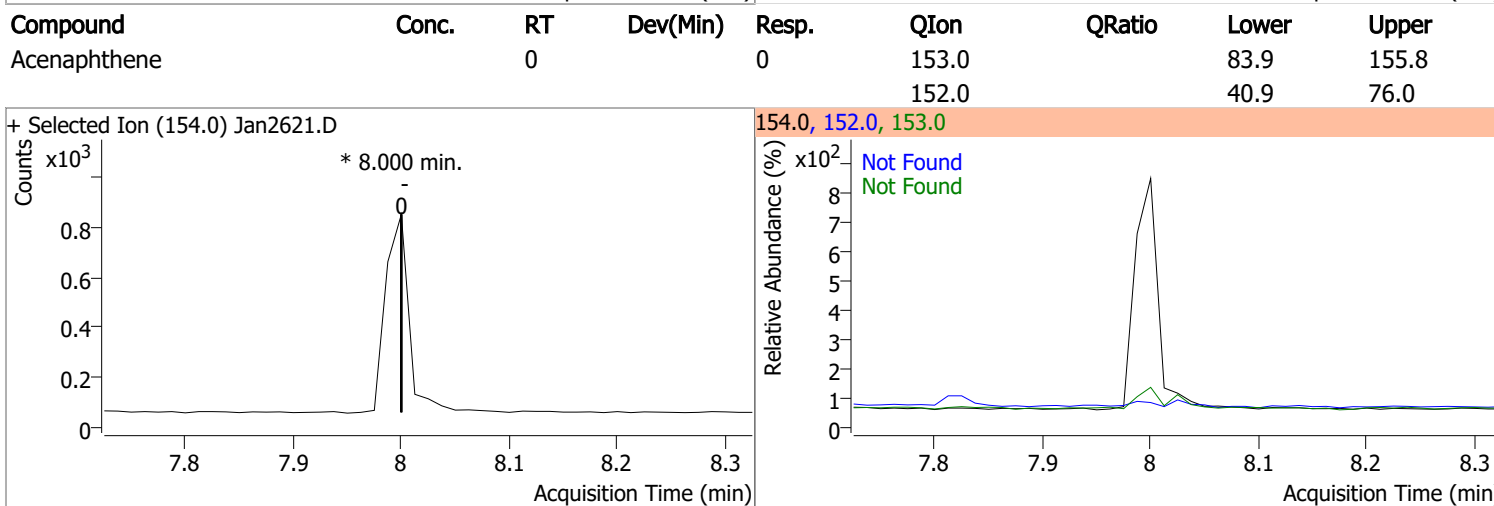
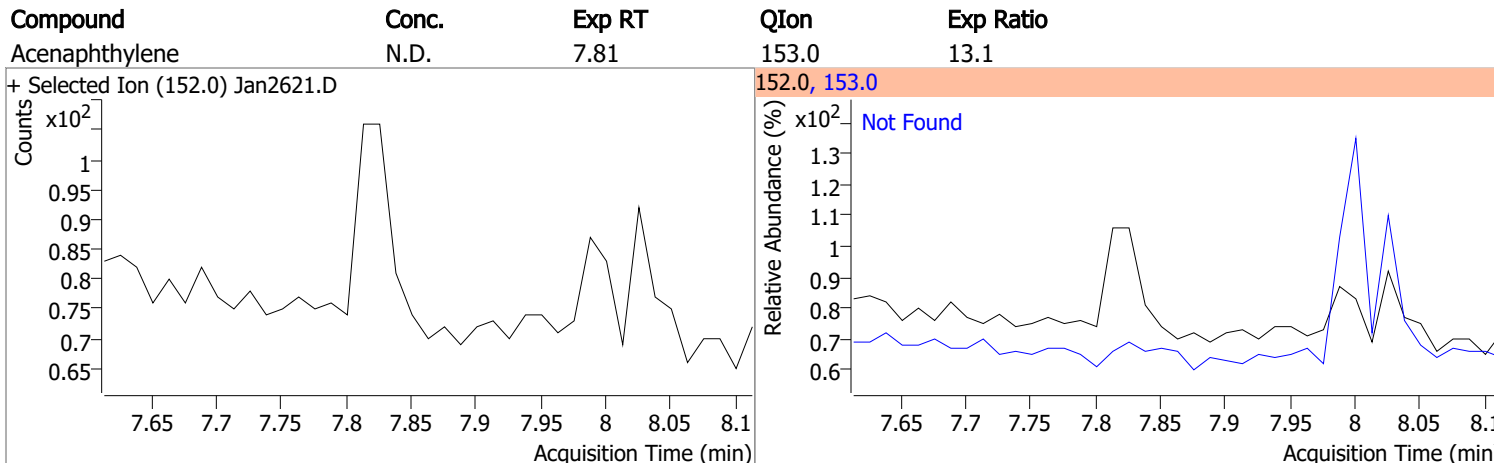
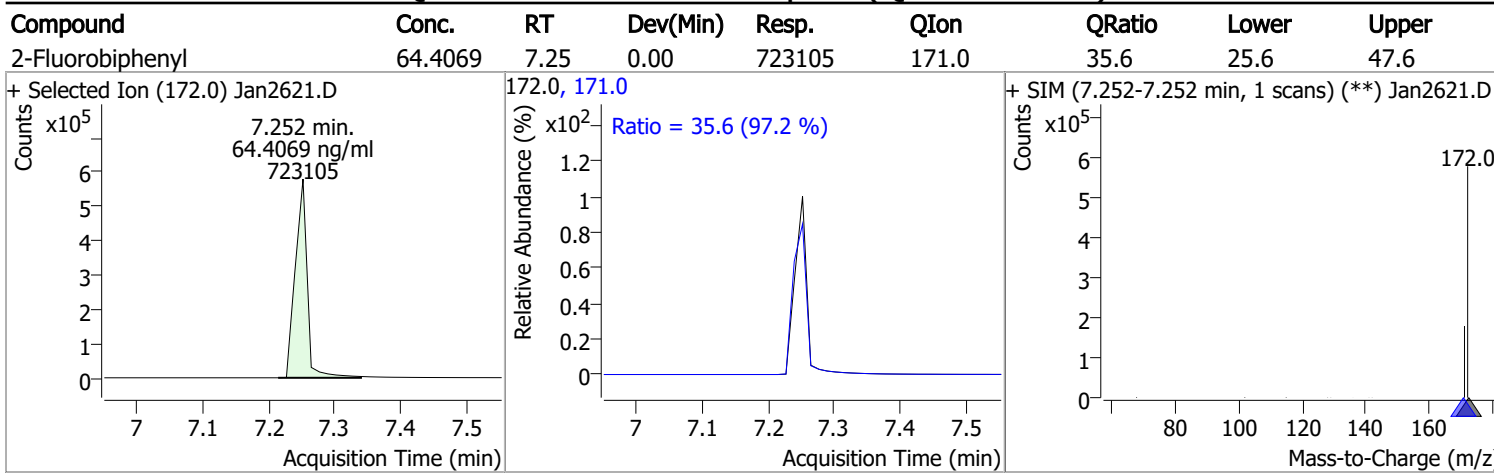
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3

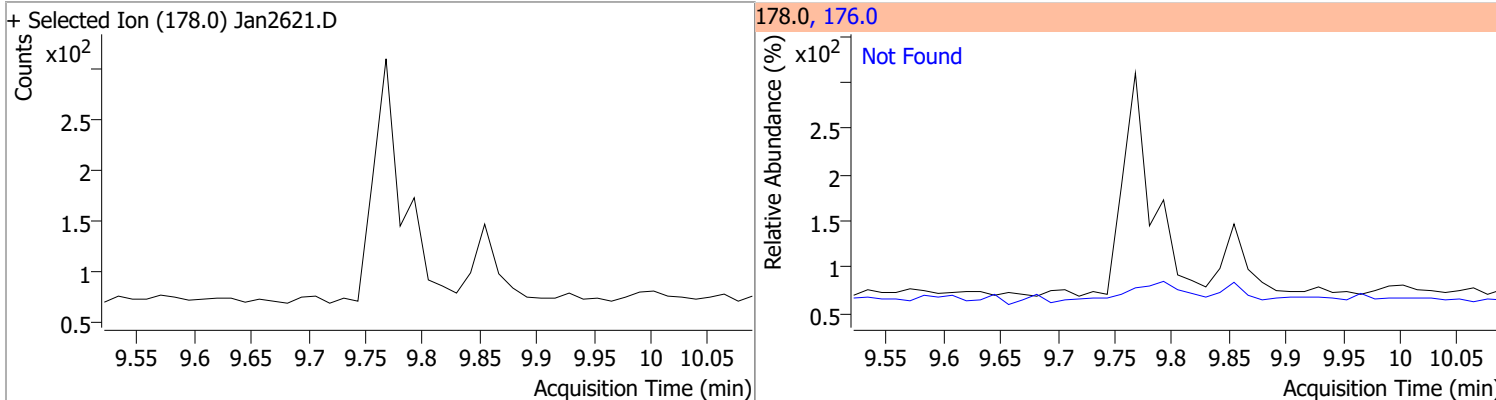


# Quantitation Results Report (QT Reviewed)

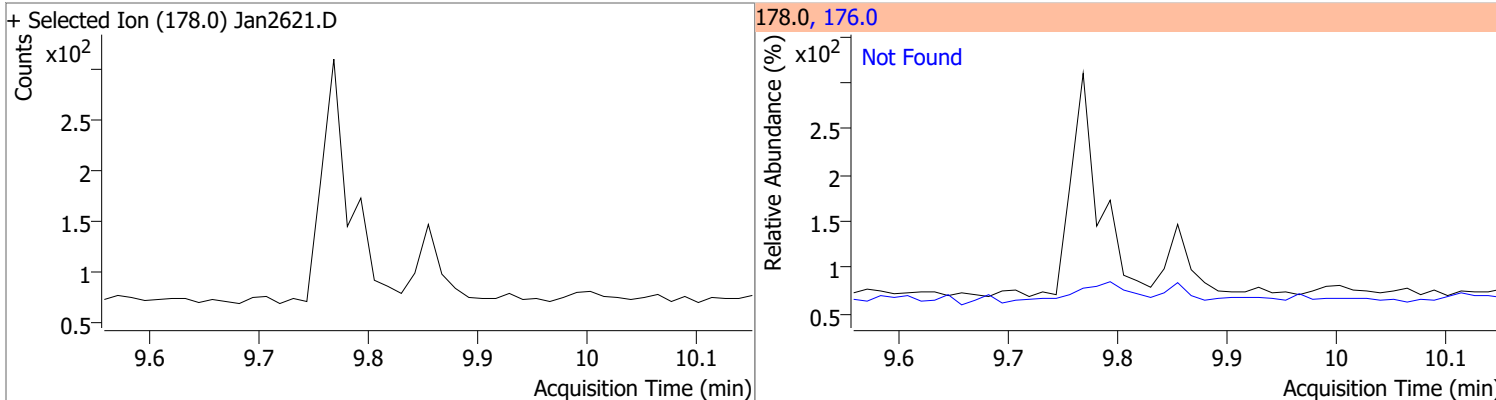


# Quantitation Results Report (QT Reviewed)

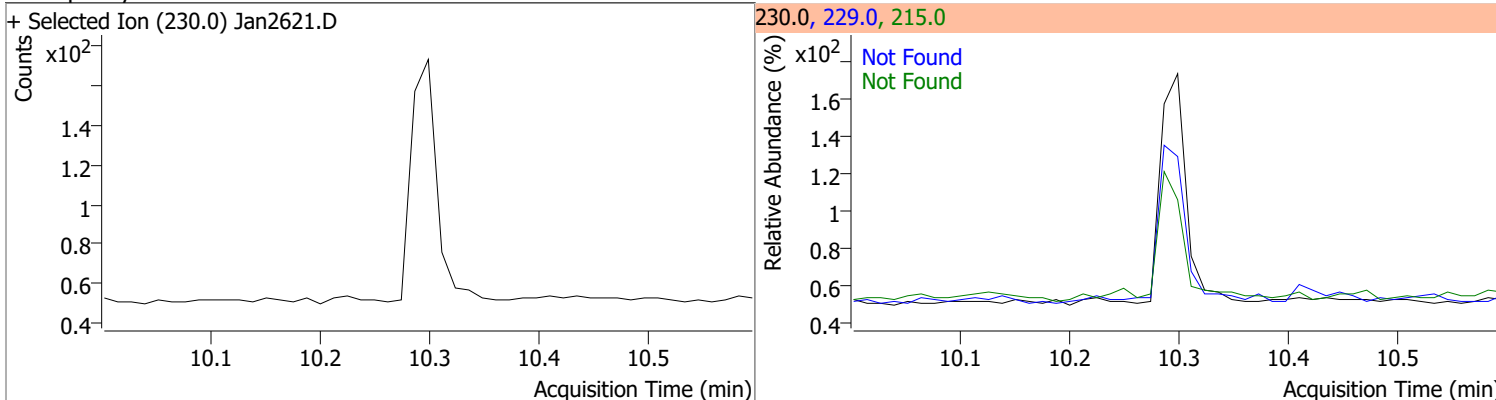
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.79	176.0	18.9



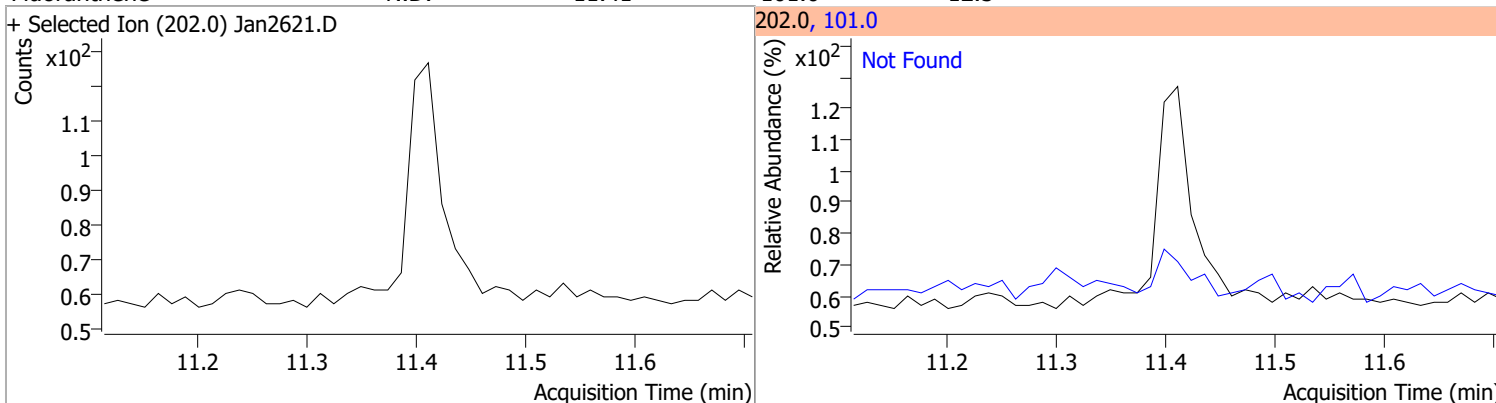
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.85	176.0	18.3



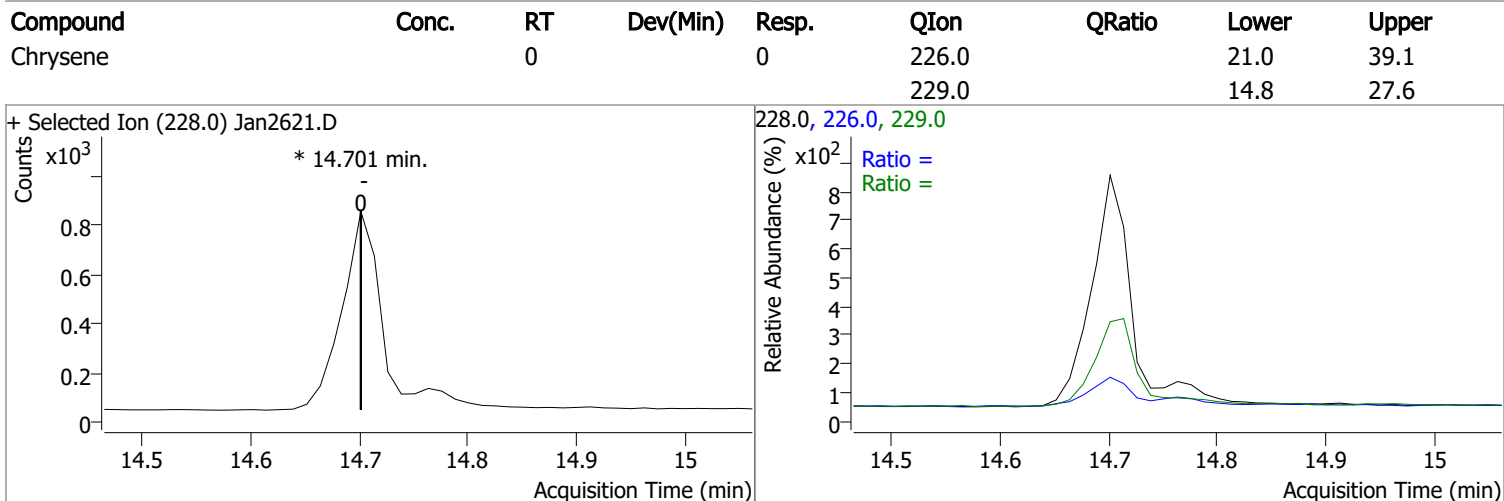
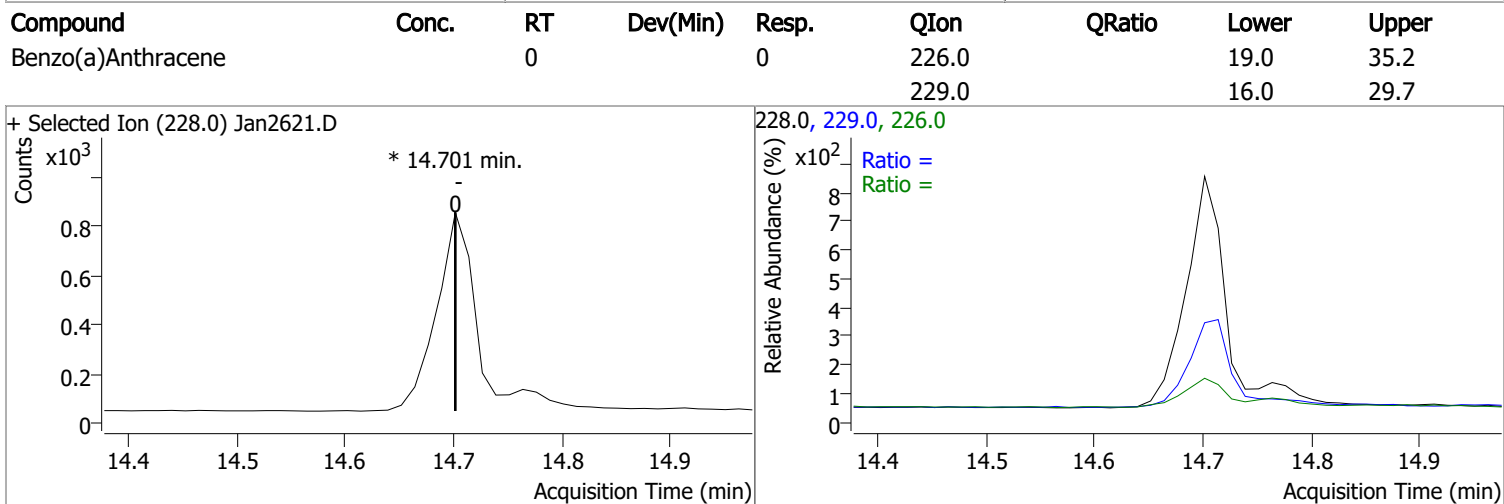
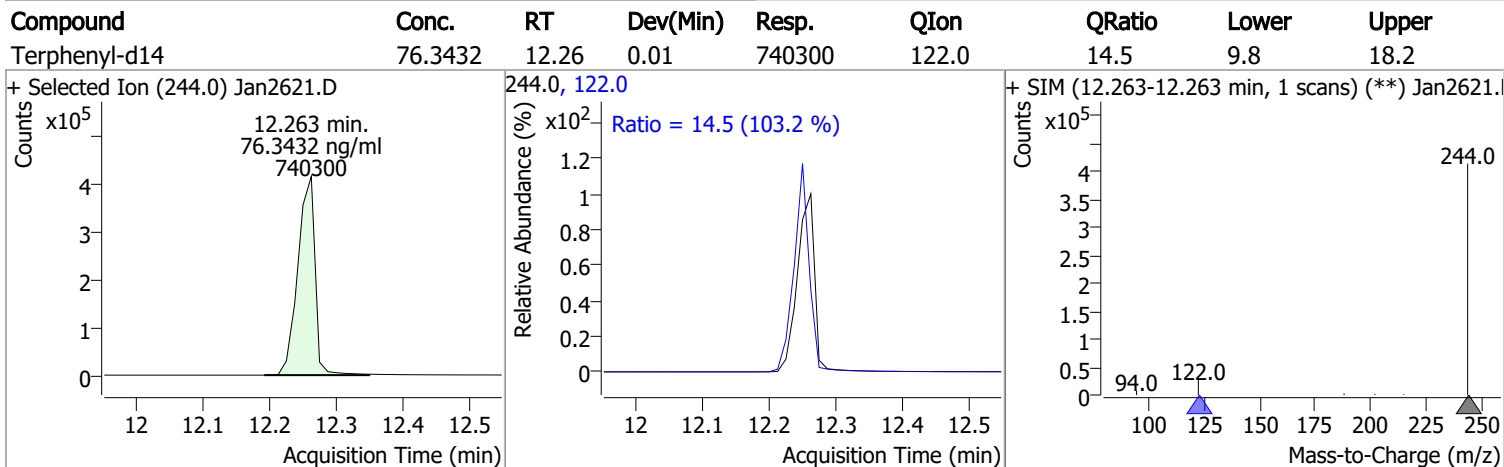
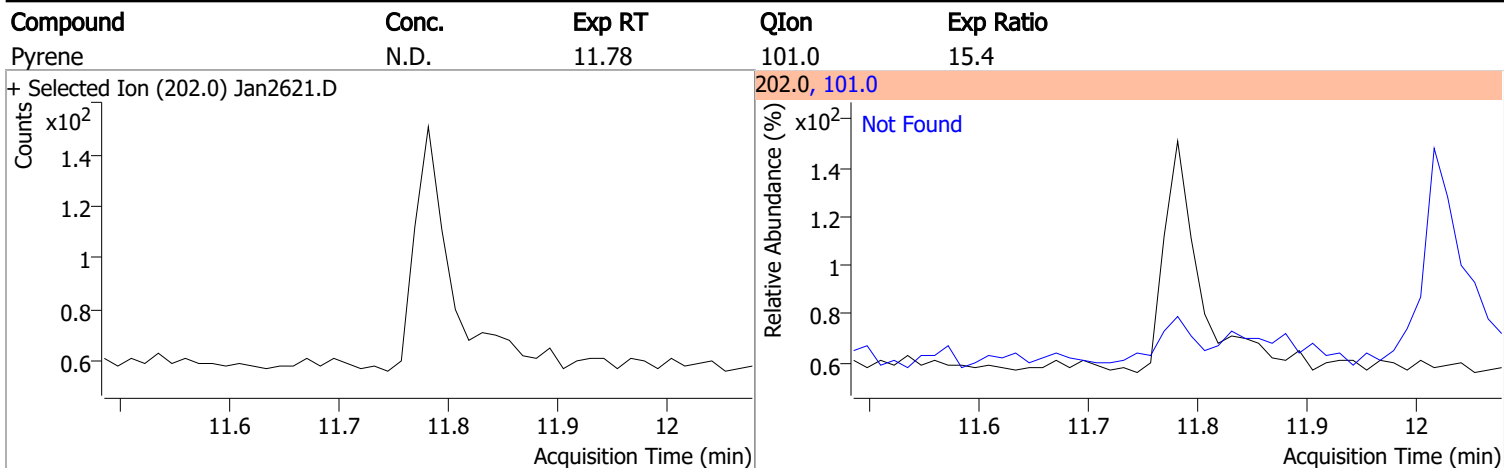
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	67.3	215.0	44.4



Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	12.5

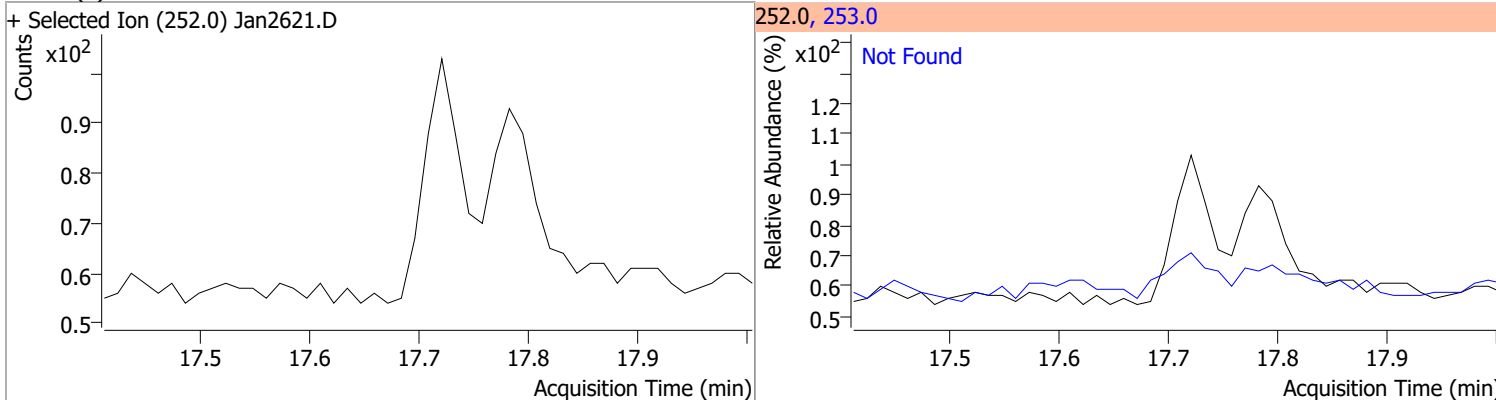


# Quantitation Results Report (QT Reviewed)

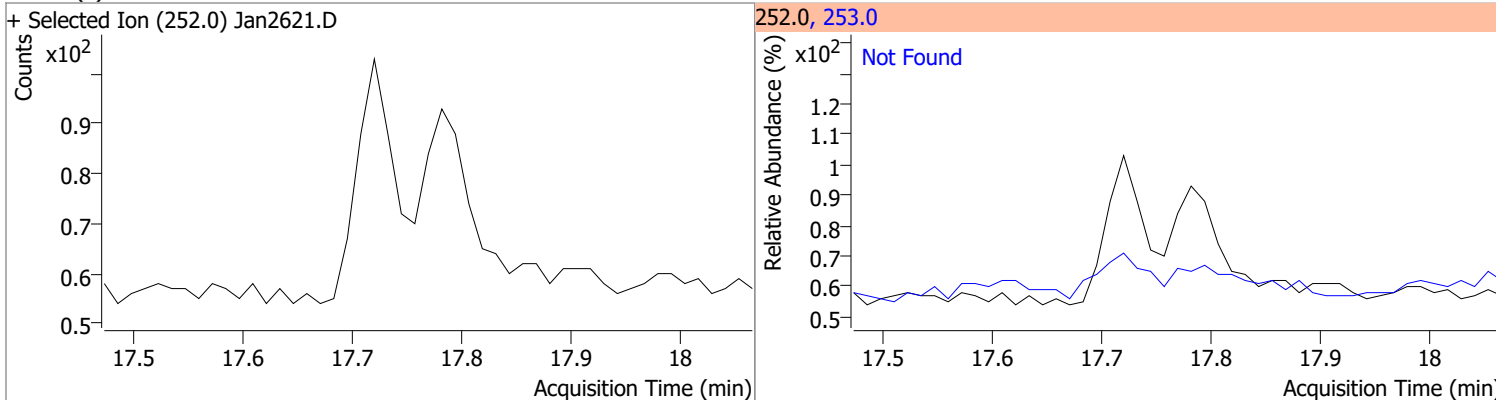


# Quantitation Results Report (QT Reviewed)

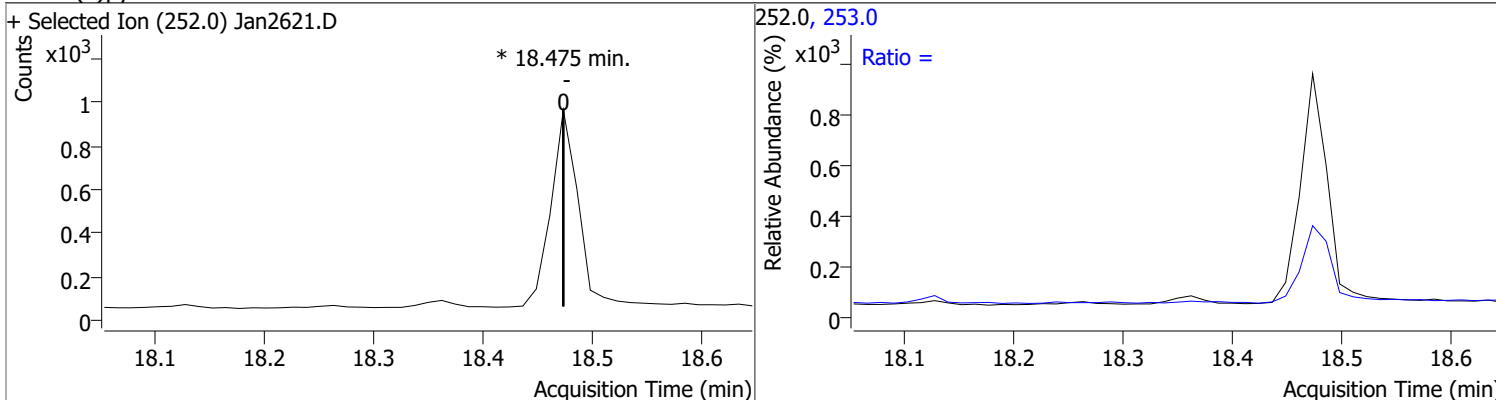
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.71	253.0	21.3



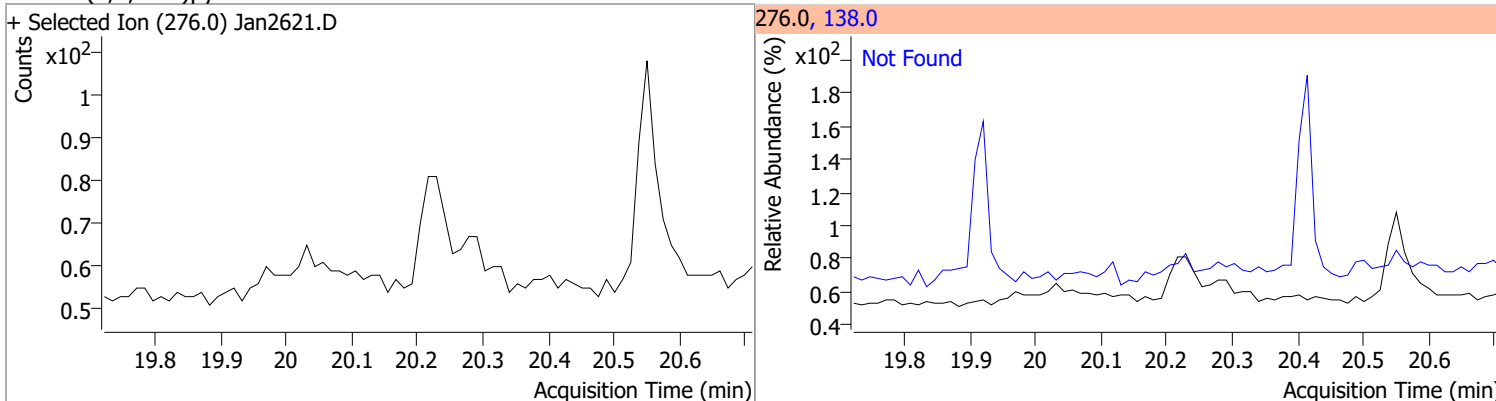
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.77	253.0	18.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.1	29.9

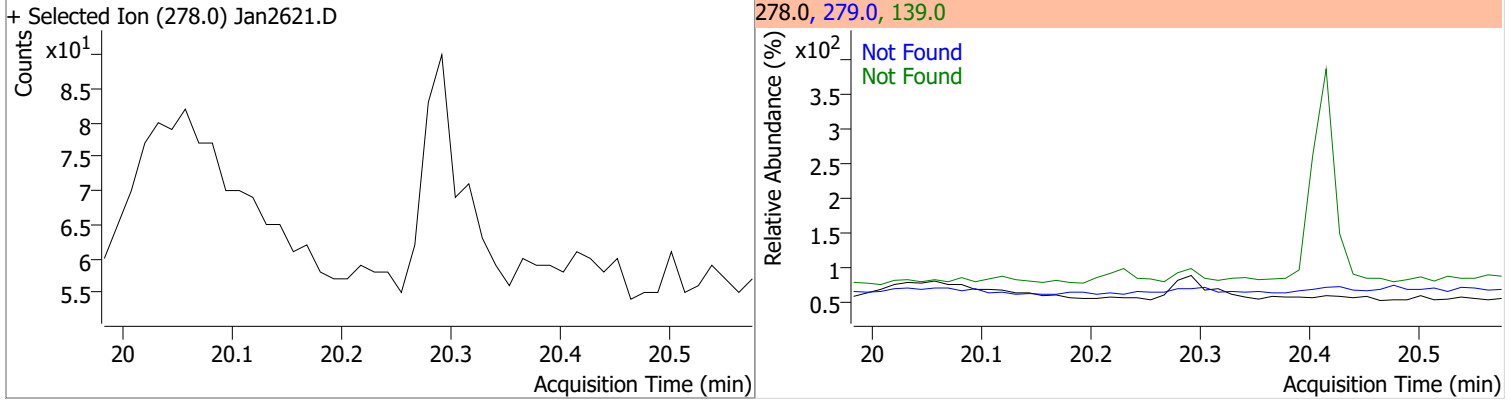


Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.22	138.0	22.4

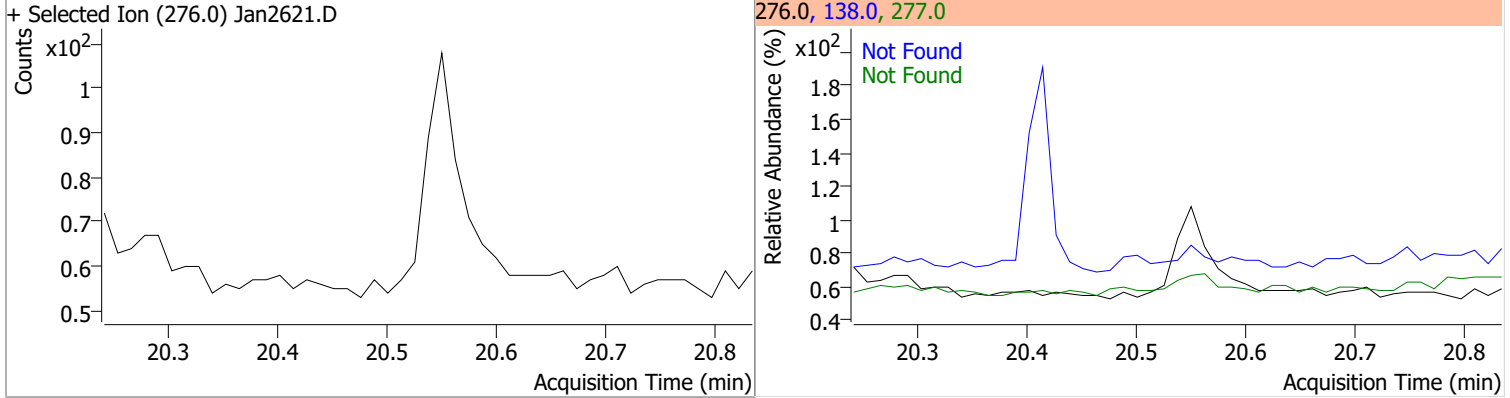


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.28	279.0	24.9	139.0	17.5



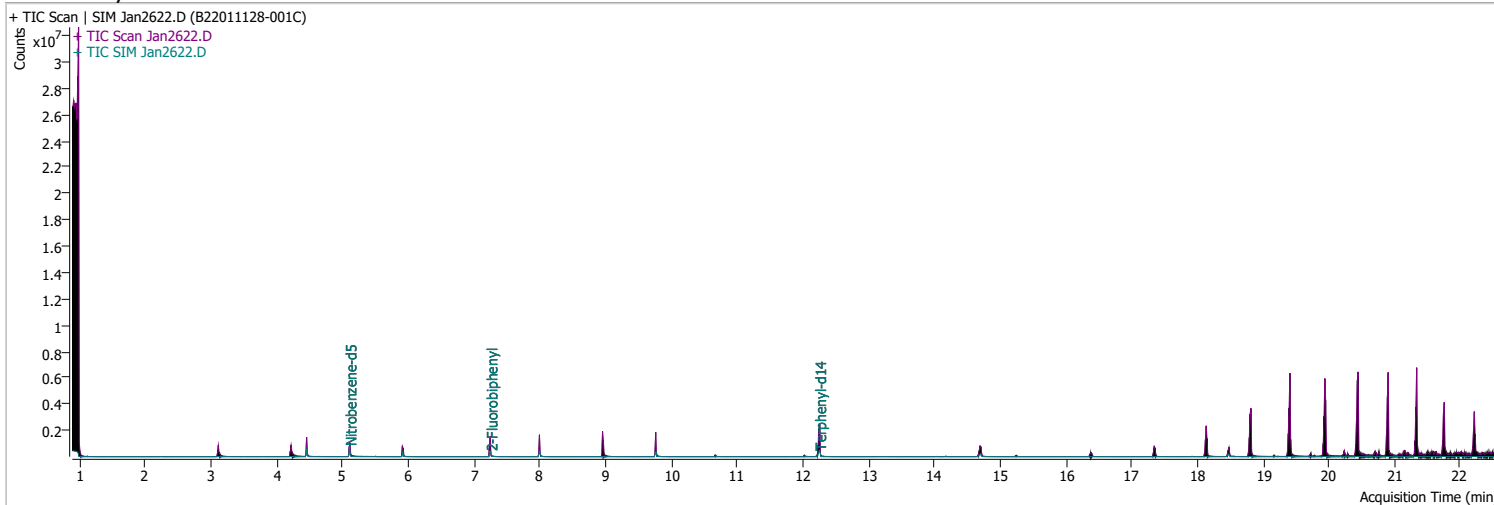
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.54	277.0	24.8	138.0	20.5



# Quantitation Results Report (QT Reviewed)

Data File	Jan2622.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/27/2022 4:07:13 AM
Sample Name	B22011128-001C	Instrument	GCMS
Vial	22	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.460	152.0	170491	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	297560	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.000	164.0	196782	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	425465	40.0000	ng/ml	0.000
M Chrysene-d12	14.701	240.0	349497	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	243185	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	503112	46.7027	ng/ml	-0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 934.05%		*
S 2-Fluorobiphenyl	7.252	172.0	496093	56.0555	ng/ml	0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1121.11%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.251	244.0	692894	79.1688	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1583.38%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	7.988	154.0	0		ng/ml	md 1
T Fluorene	8.960	166.0	0		ng/ml	md 1
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.701	228.0	0		ng/ml	md 1
T Chrysene	14.701	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	0.000		0	N.D.		

# Quantitation Results Report (QT Reviewed)

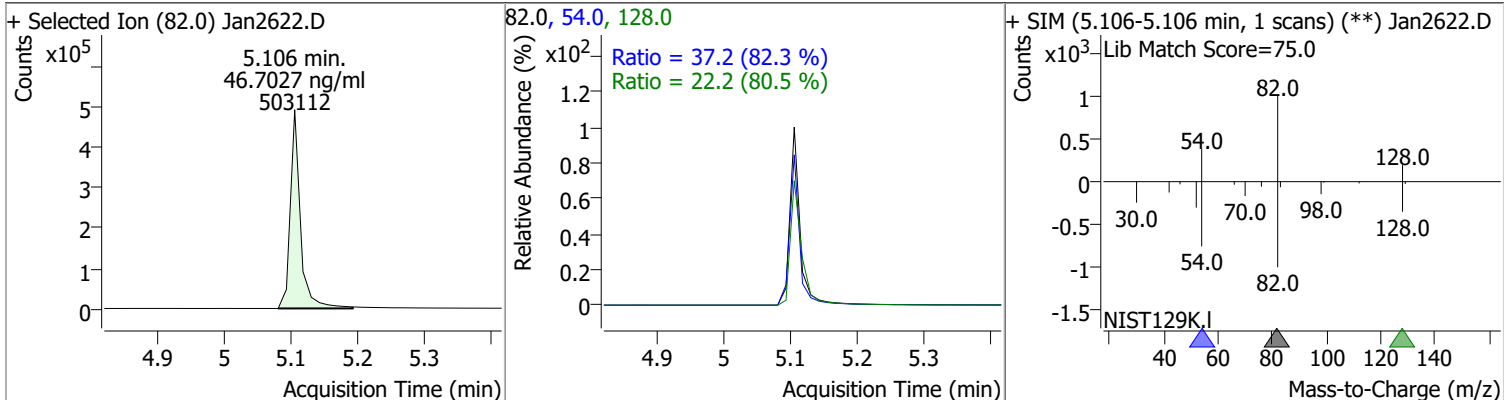
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.363	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

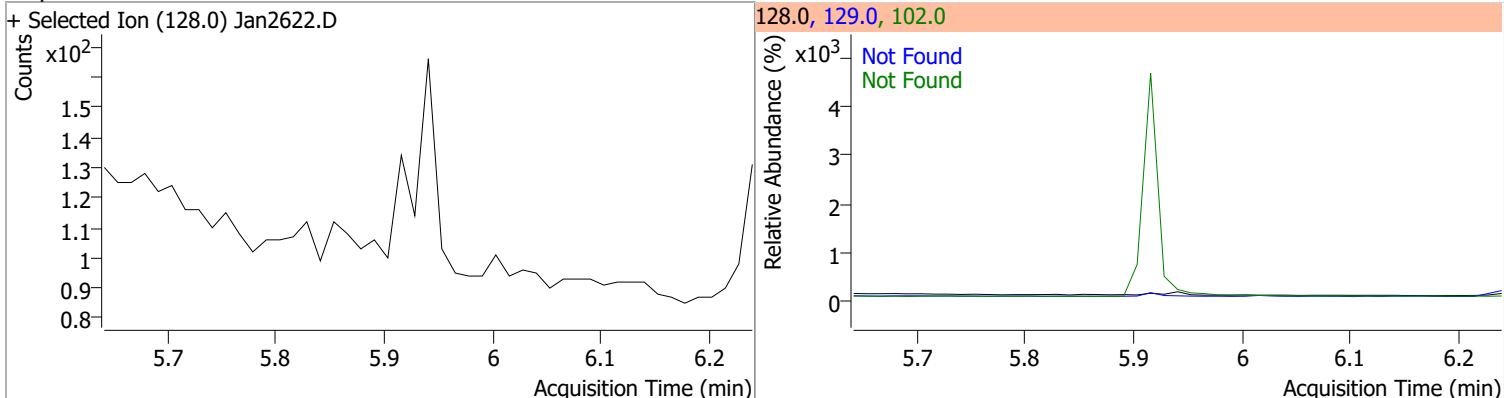


# Quantitation Results Report (QT Reviewed)

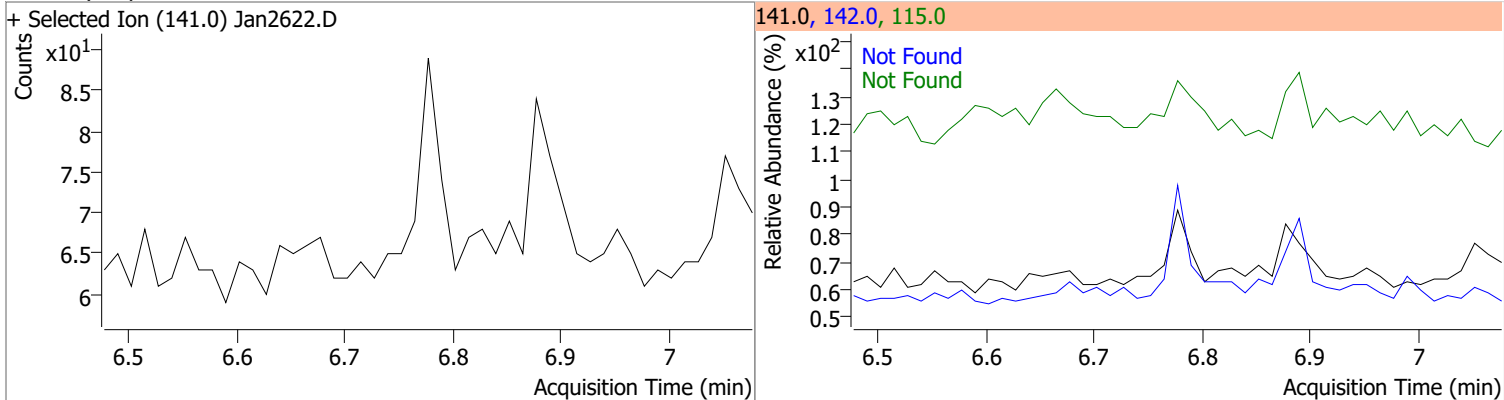
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	46.7027	5.11	-0.01	503112	54.0	37.2	31.6	58.8
					128.0	22.2	19.3	35.9



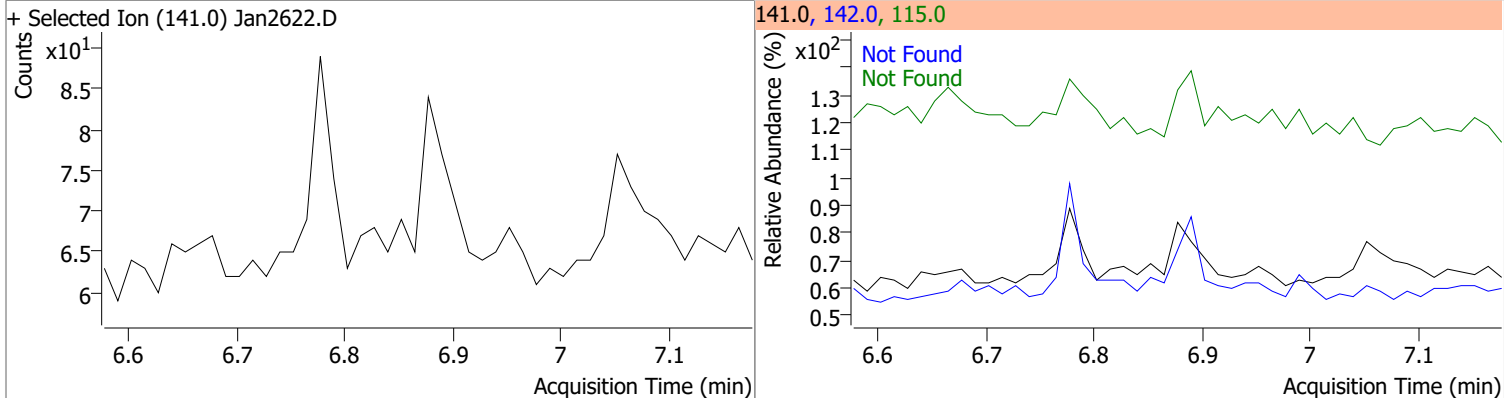
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



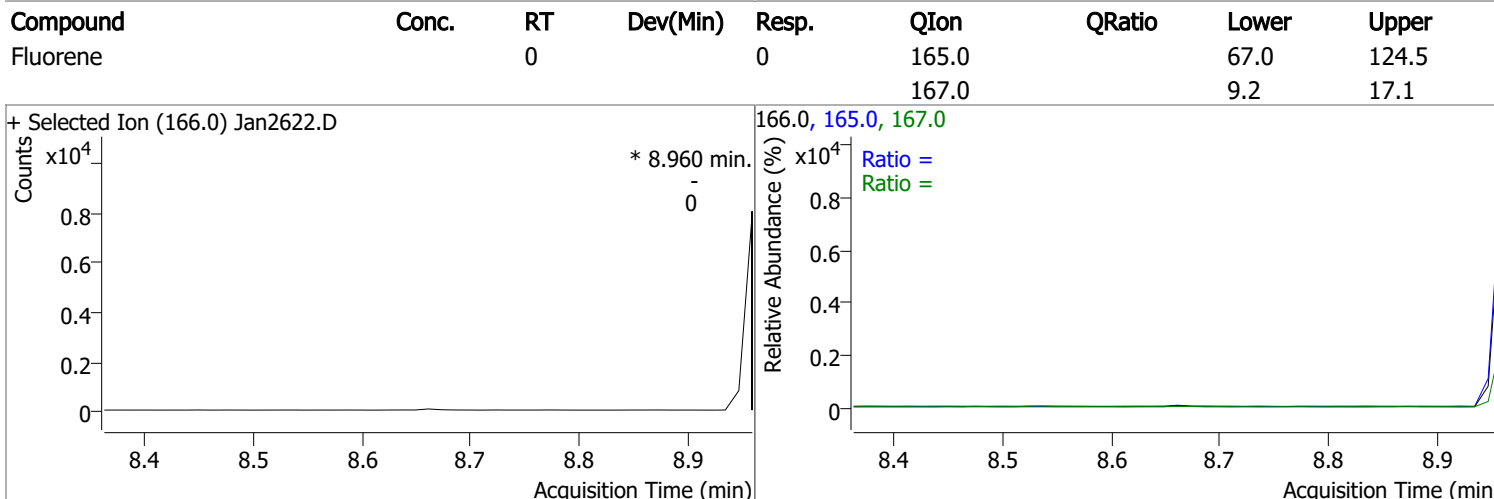
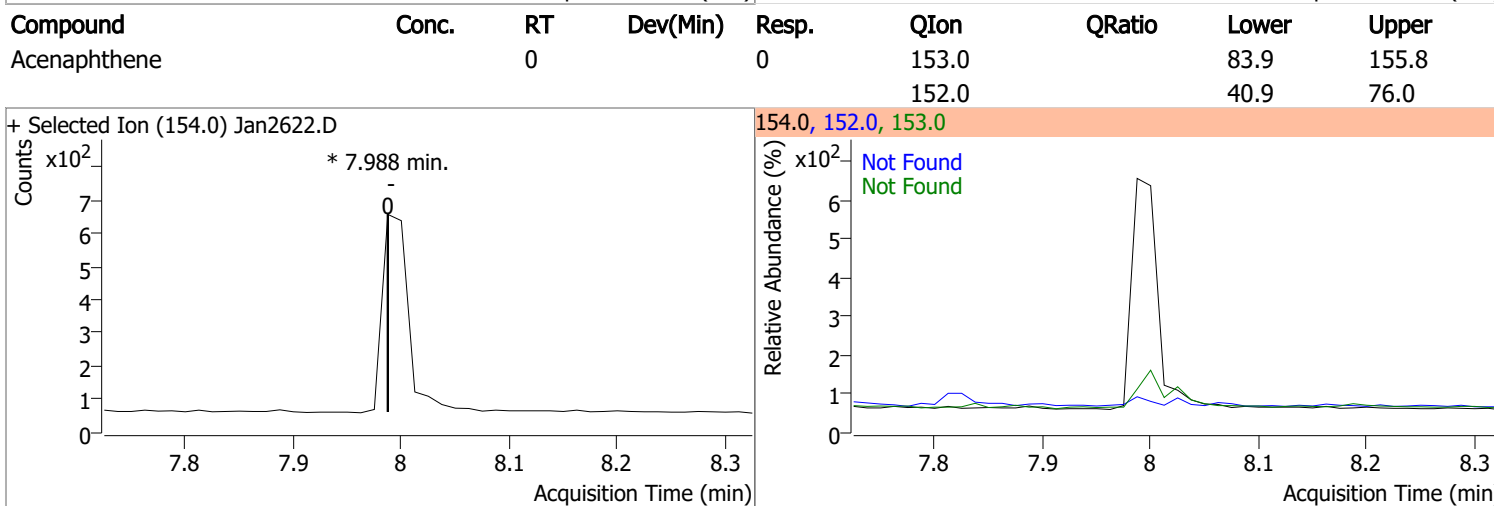
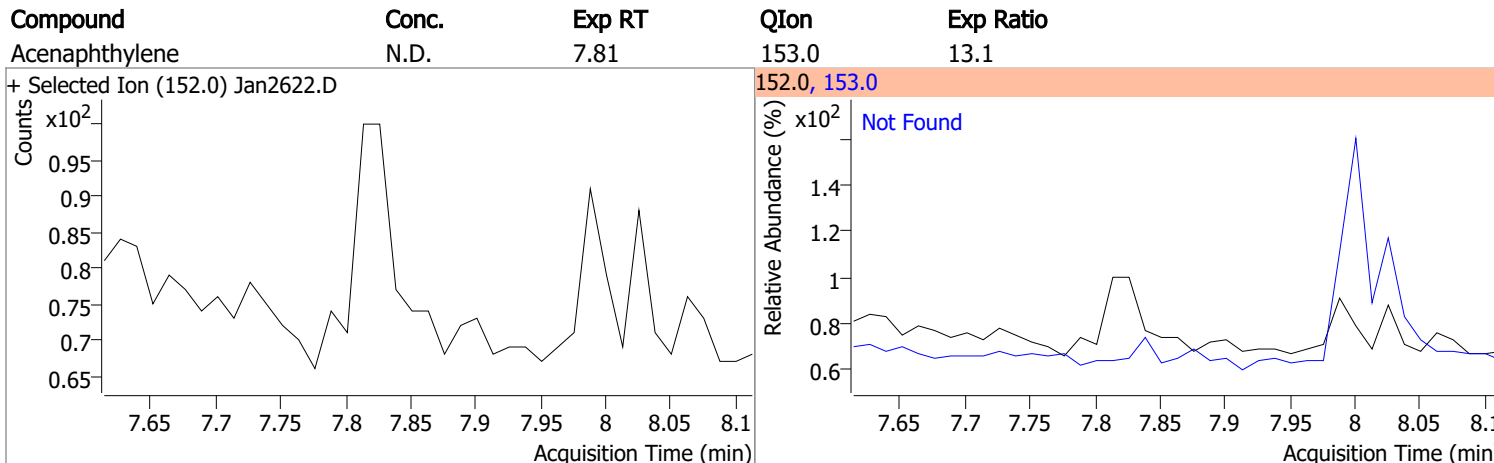
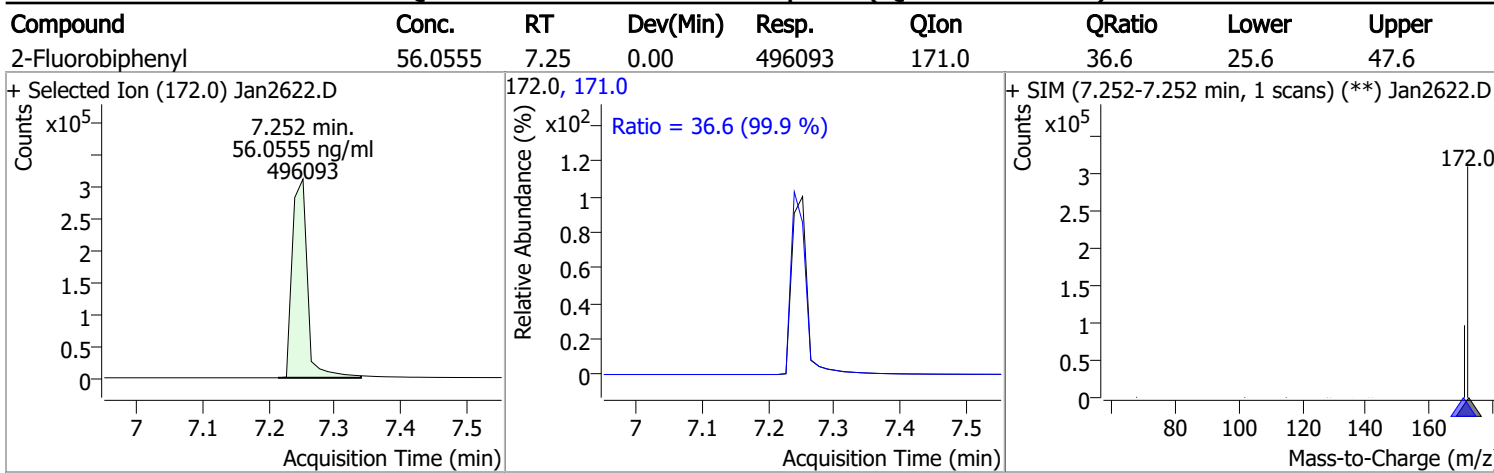
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1



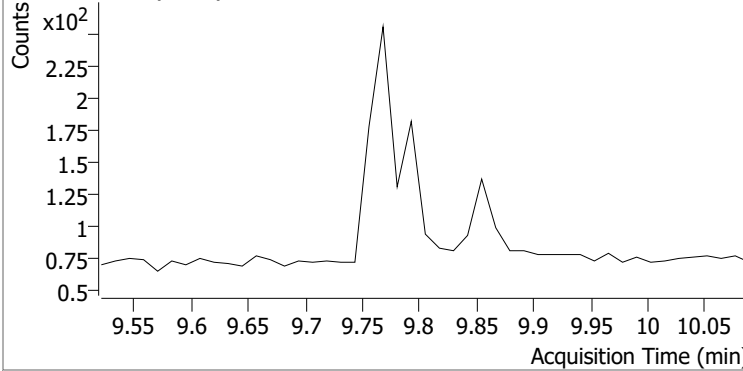
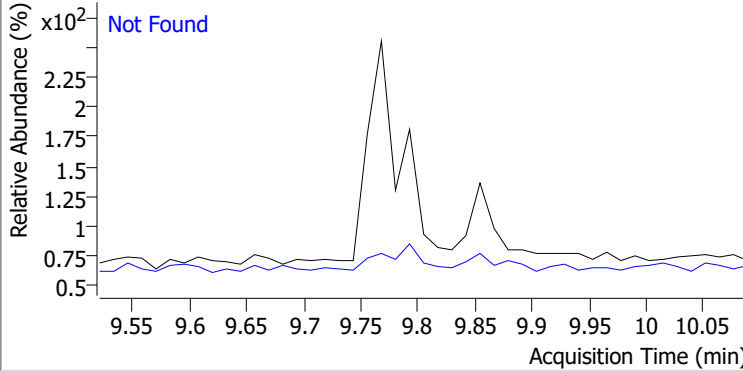
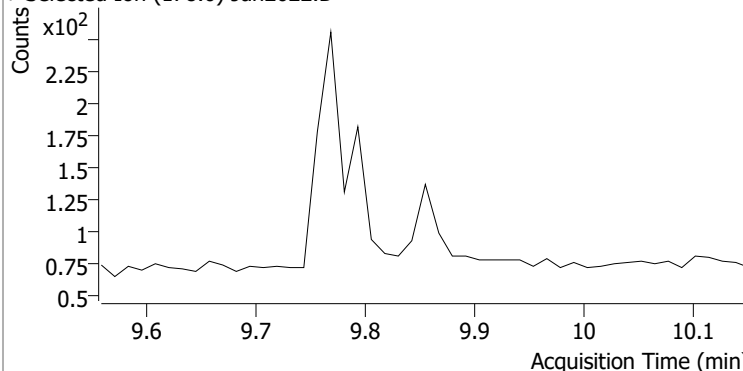
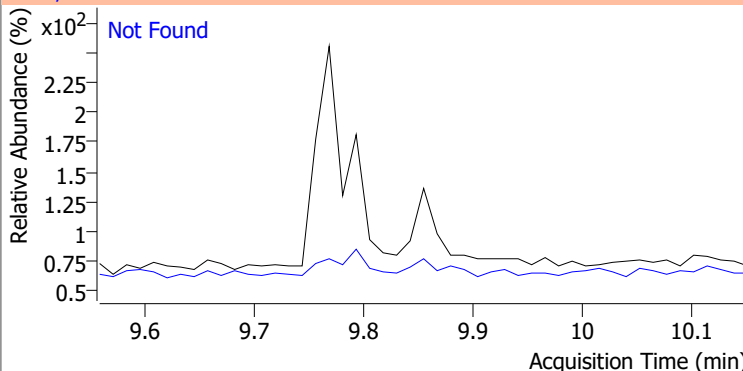
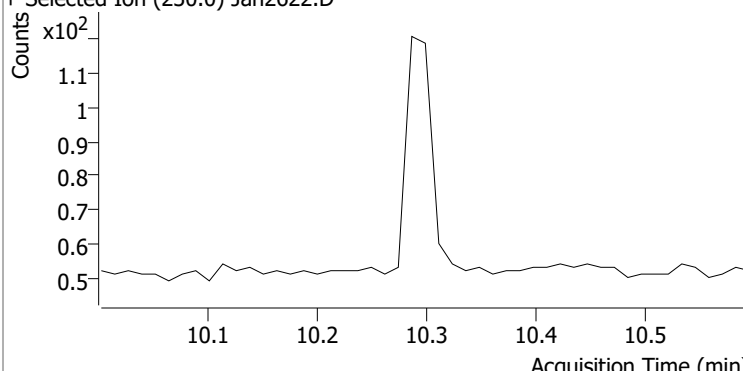
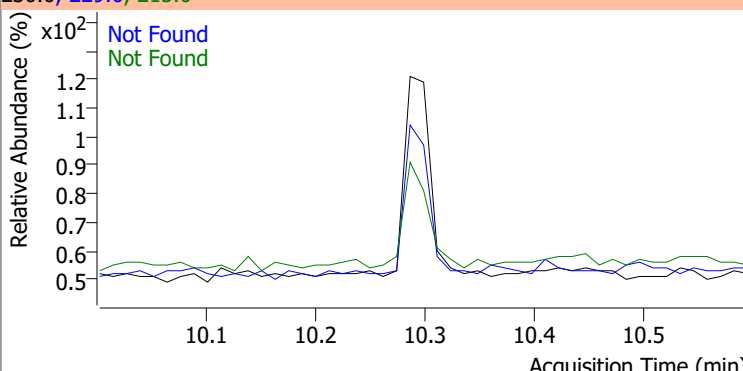
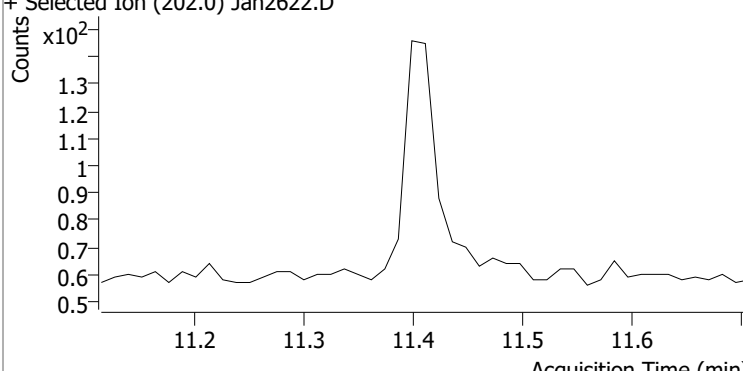
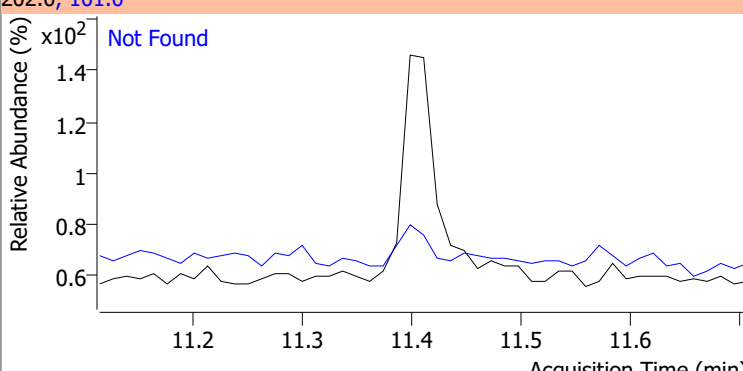
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3



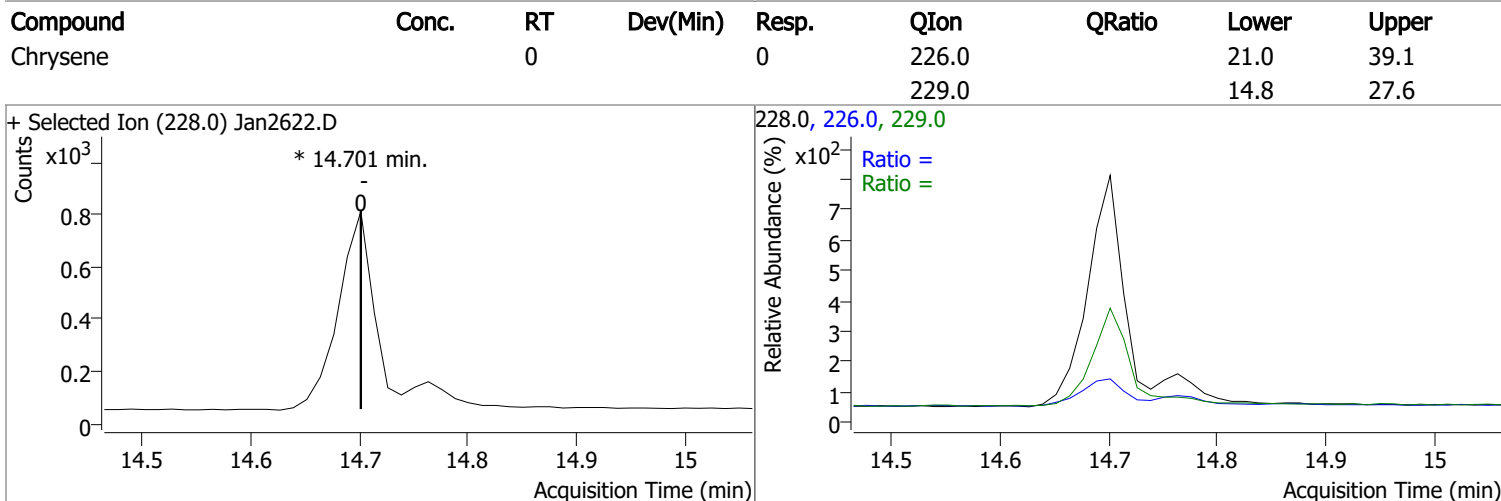
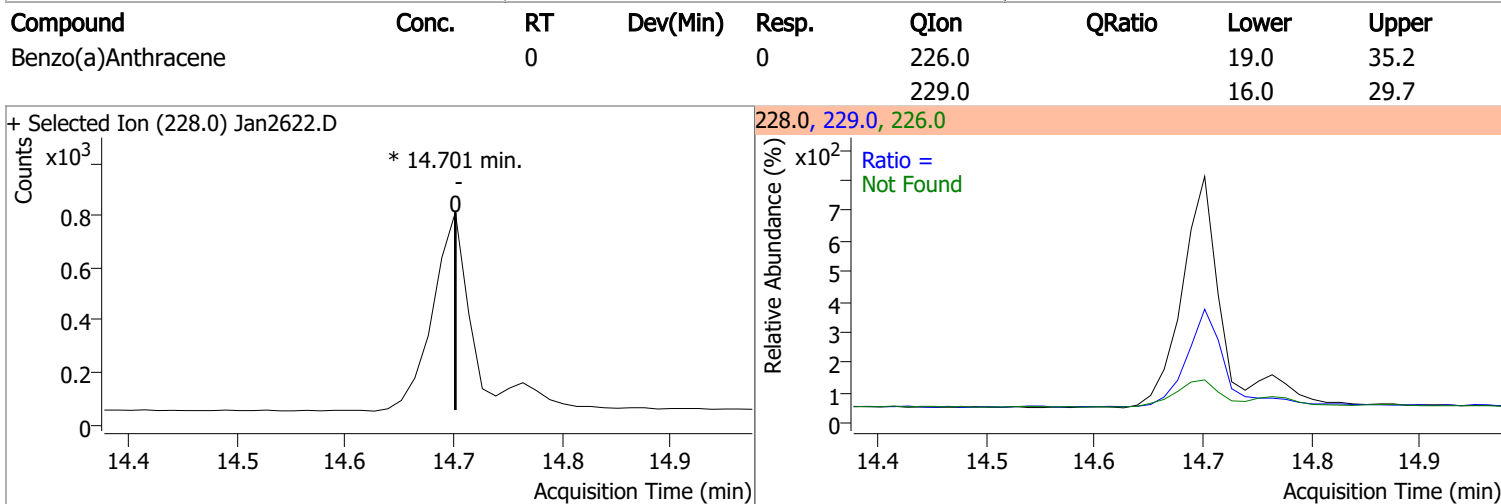
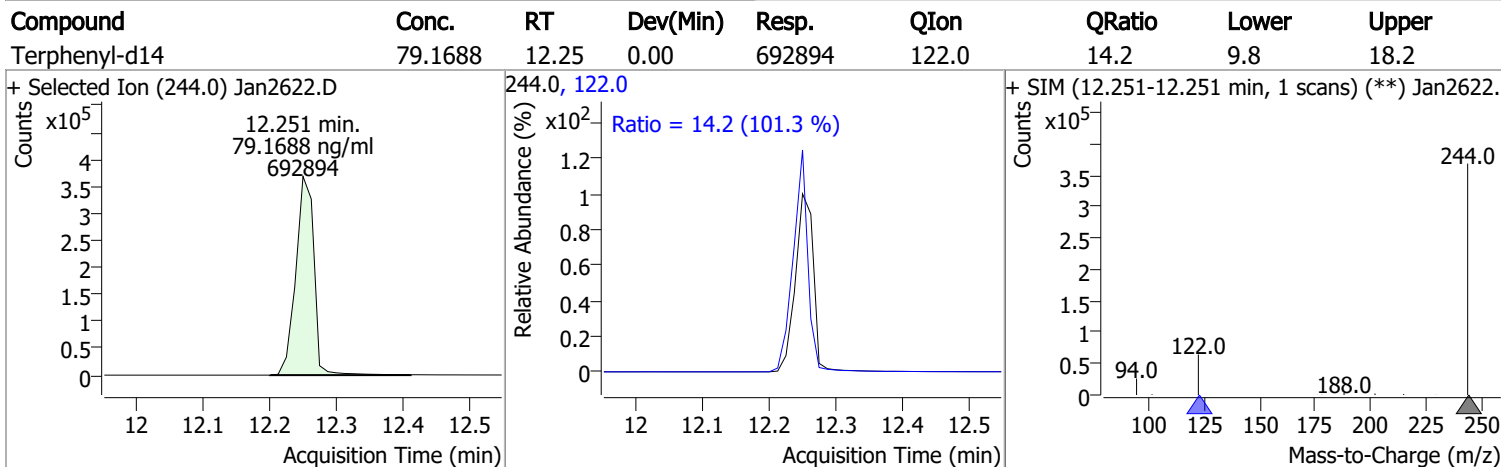
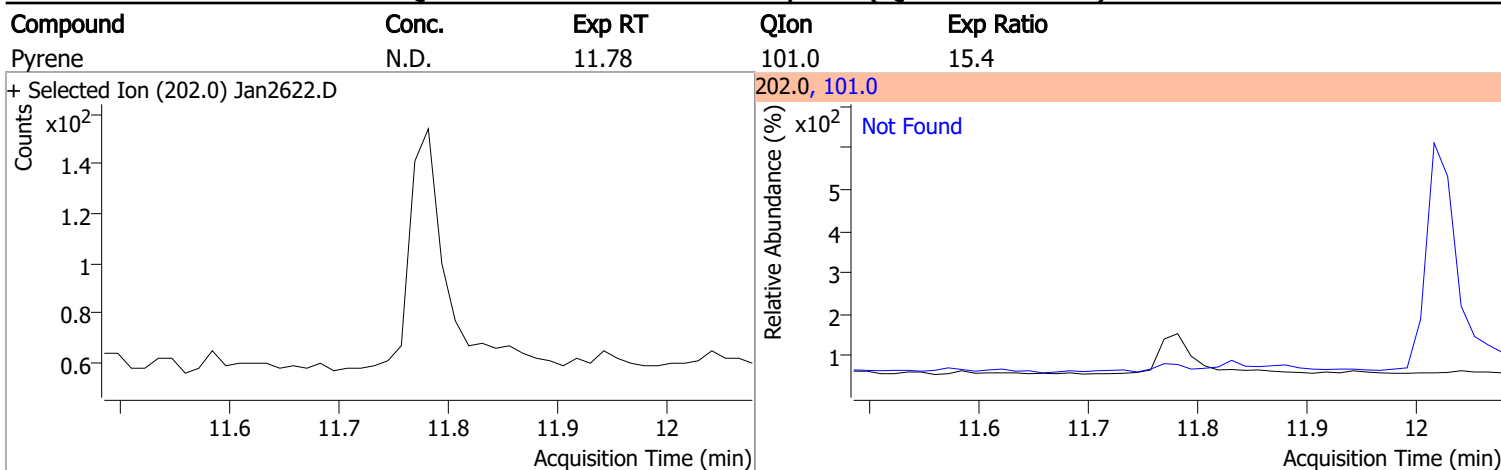
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

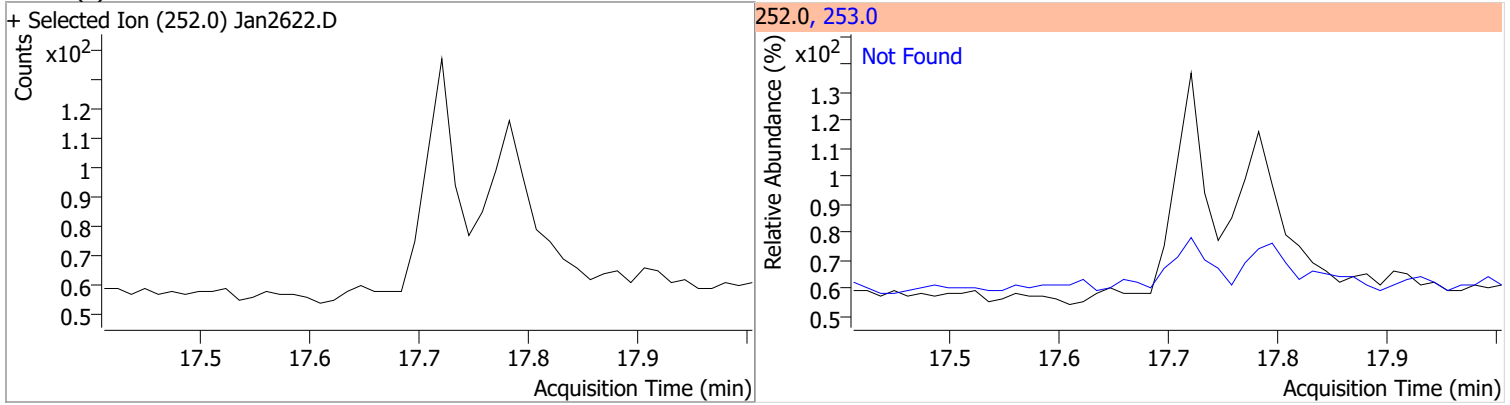
Compound	Conc.	Exp RT	QIon	Exp Ratio		
Phenanthrene	N.D.	9.79	176.0	18.9		
+ Selected Ion (178.0) Jan2622.D			178.0, 176.0			
						
Anthracene	N.D.	9.85	176.0	18.3		
+ Selected Ion (178.0) Jan2622.D			178.0, 176.0			
						
o-Terphenyl	N.D.	10.30	229.0	67.3	QIon	Exp Ratio
			215.0	44.4		
+ Selected Ion (230.0) Jan2622.D			230.0, 229.0, 215.0			
						
Fluoranthene	N.D.	11.41	101.0	12.5		
+ Selected Ion (202.0) Jan2622.D			202.0, 101.0			
						

# Quantitation Results Report (QT Reviewed)

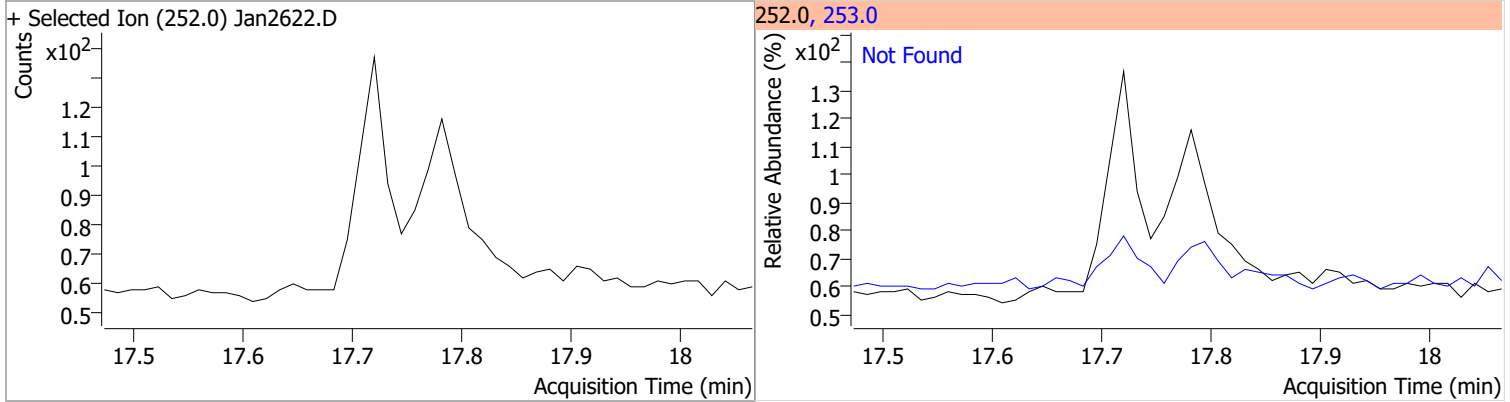


# Quantitation Results Report (QT Reviewed)

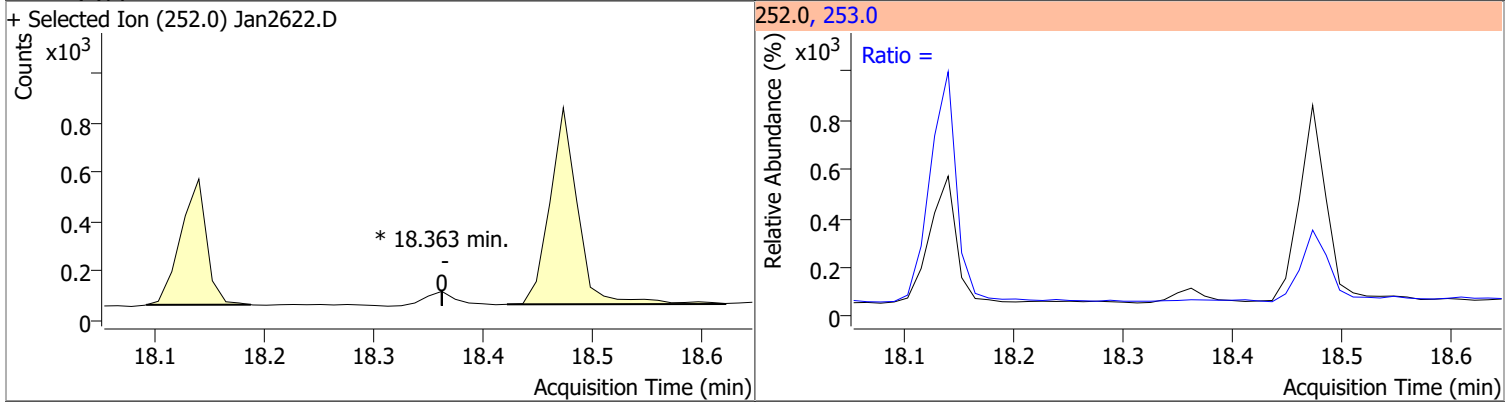
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.71	253.0	21.3



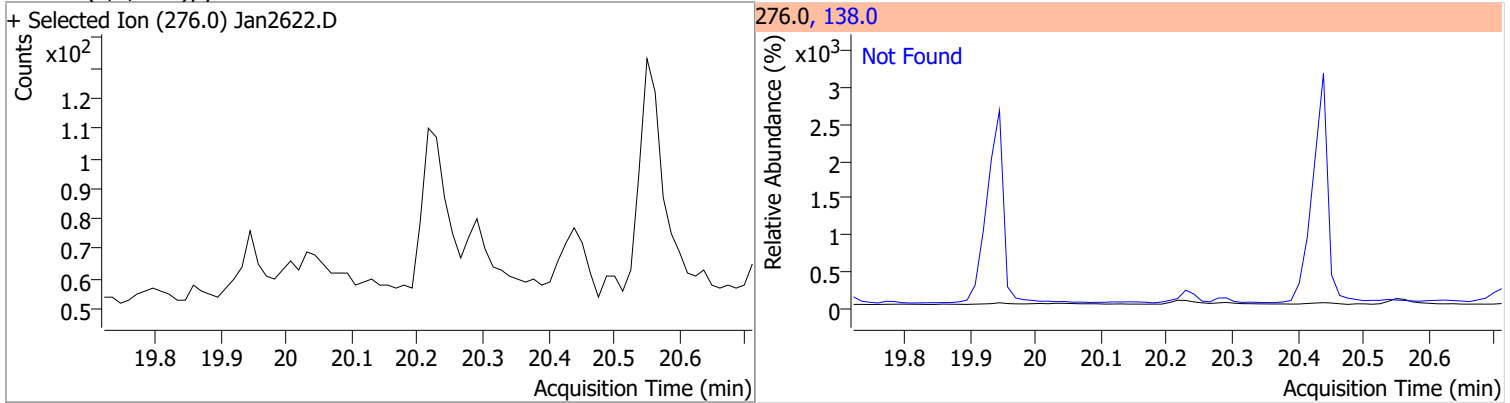
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.77	253.0	18.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.1	29.9

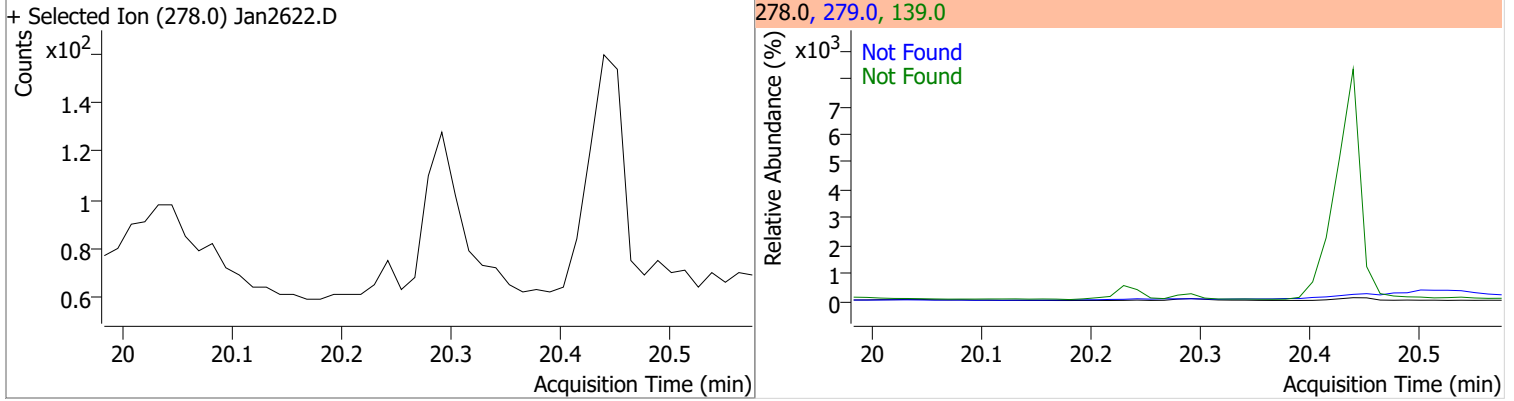


Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.22	138.0	22.4

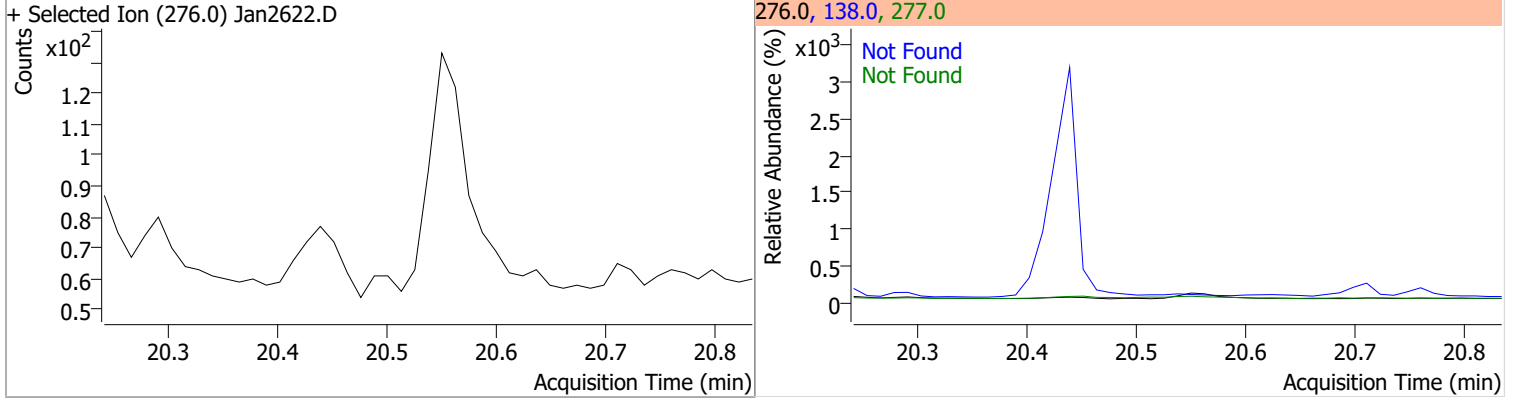


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.28	279.0	24.9	139.0	17.5



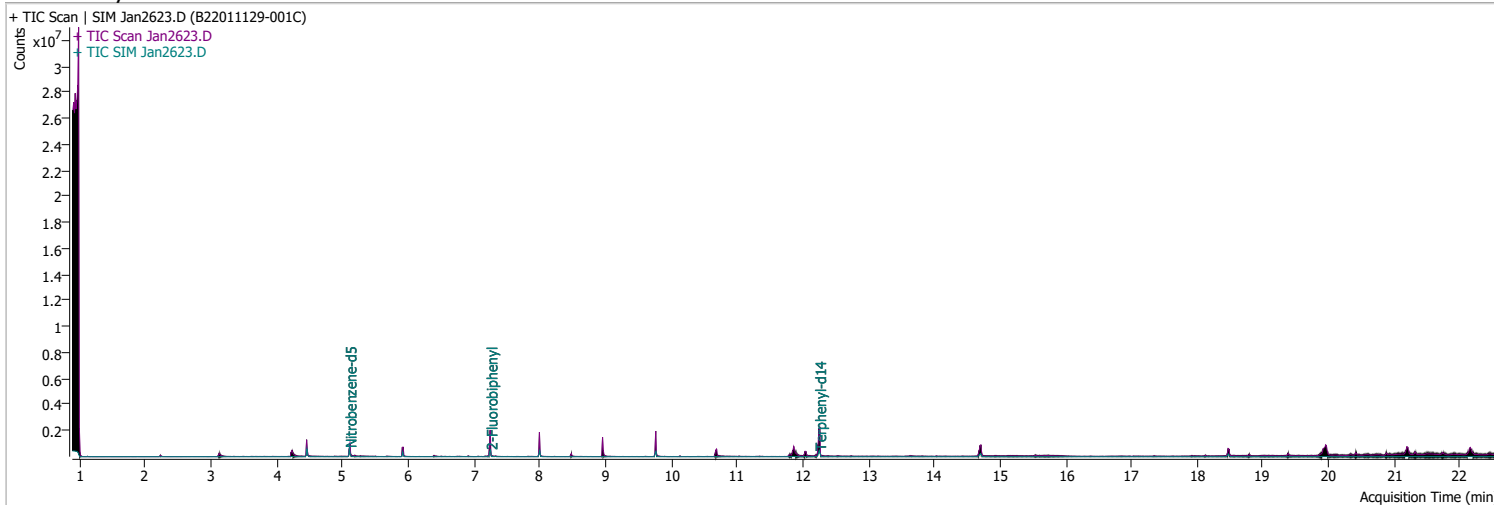
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.54	277.0	24.8	138.0	20.5



# Quantitation Results Report (QT Reviewed)

Data File	Jan2623.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/27/2022 4:39:37 AM
Sample Name	B22011129-001C	Instrument	GCMS
Vial	23	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.460	152.0	173084	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	305255	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	203453	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	438696	40.0000	ng/ml	0.000
M Chrysene-d12	14.702	240.0	362537	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	216625	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	431436	42.1892	ng/ml	-0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 843.78%		*
S 2-Fluorobiphenyl	7.252	172.0	522097	56.9295	ng/ml	0.000
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1138.59%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.251	244.0	638327	72.5621	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1451.24%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.001	154.0	0		ng/ml	md 1
T Fluorene	8.960	166.0	0		ng/ml	md 1
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	11.781	202.0	0		ng/ml	md 1
T Benzo(a)Anthracene	14.702	228.0	0		ng/ml	md 1
T Chrysene	14.764	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	0.000		0	N.D.		

# Quantitation Results Report (QT Reviewed)

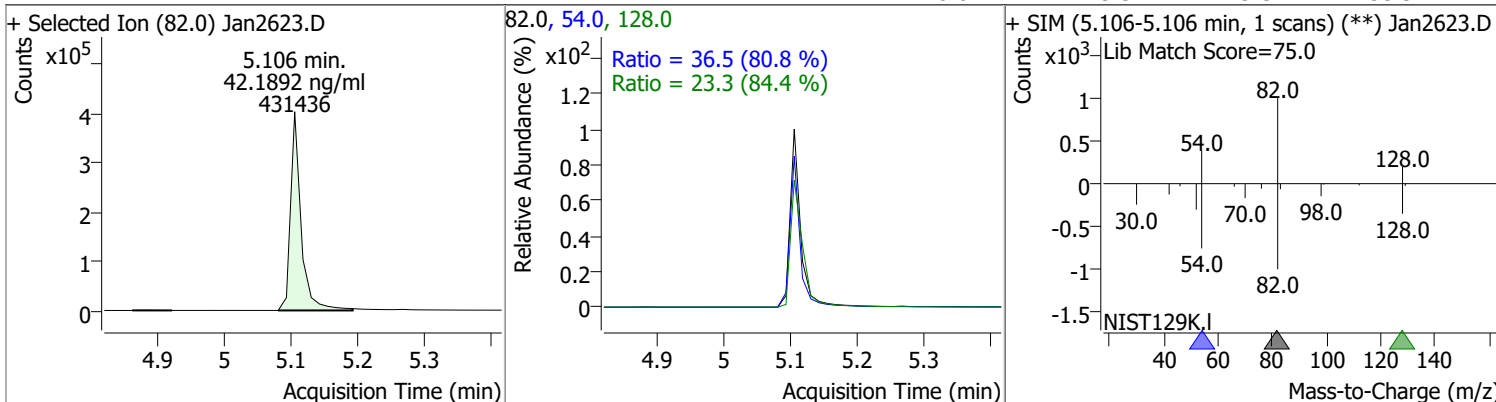
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.475	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	20.217	276.0	0		ng/ml	md 1
T Dibenzo(a,h)anthracene	20.279	278.0	0		ng/ml	md 1
T Benzo(g,h,i)perylene	20.538	276.0	0		ng/ml	md 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

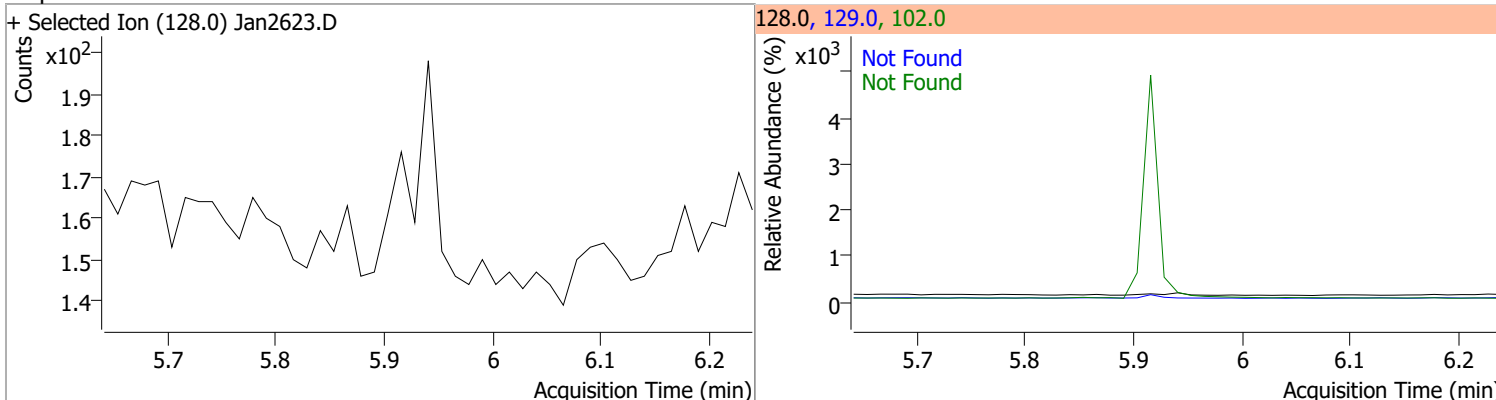


# Quantitation Results Report (QT Reviewed)

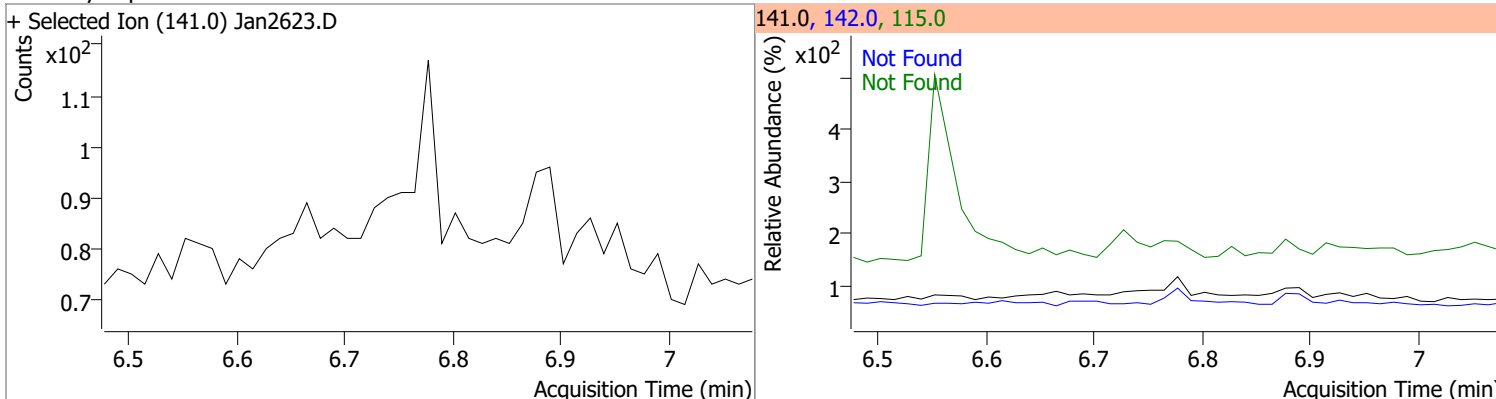
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	42.1892	5.11	-0.01	431436	54.0	36.5	31.6	58.8
					128.0	23.3	19.3	35.9



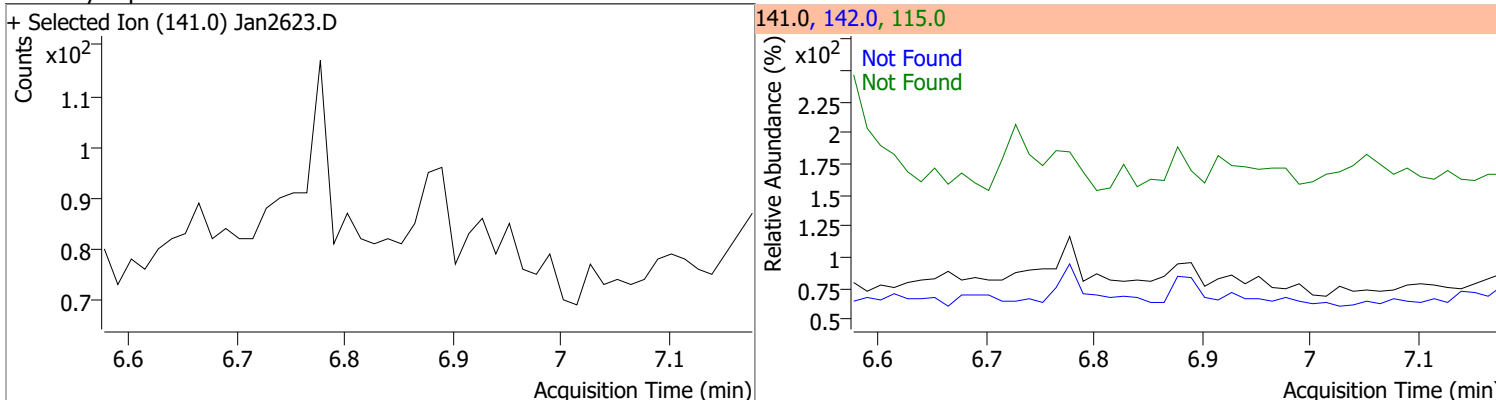
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1

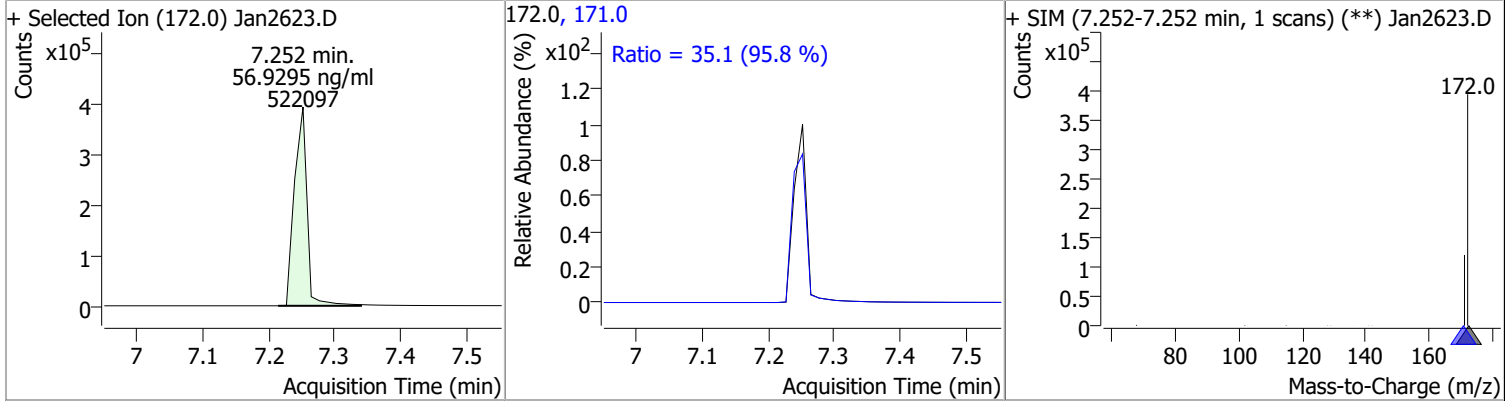


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3

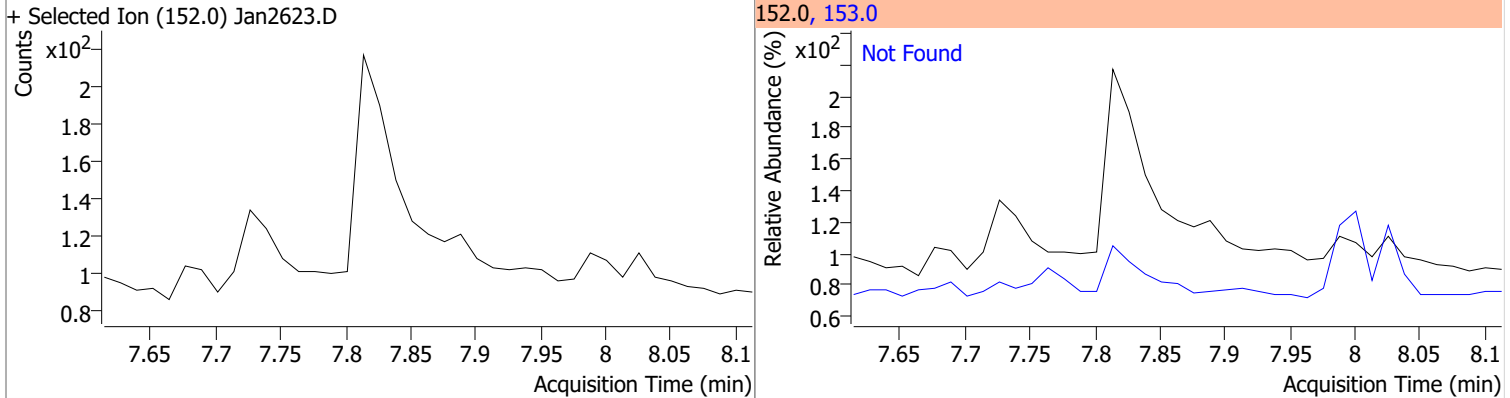


# Quantitation Results Report (QT Reviewed)

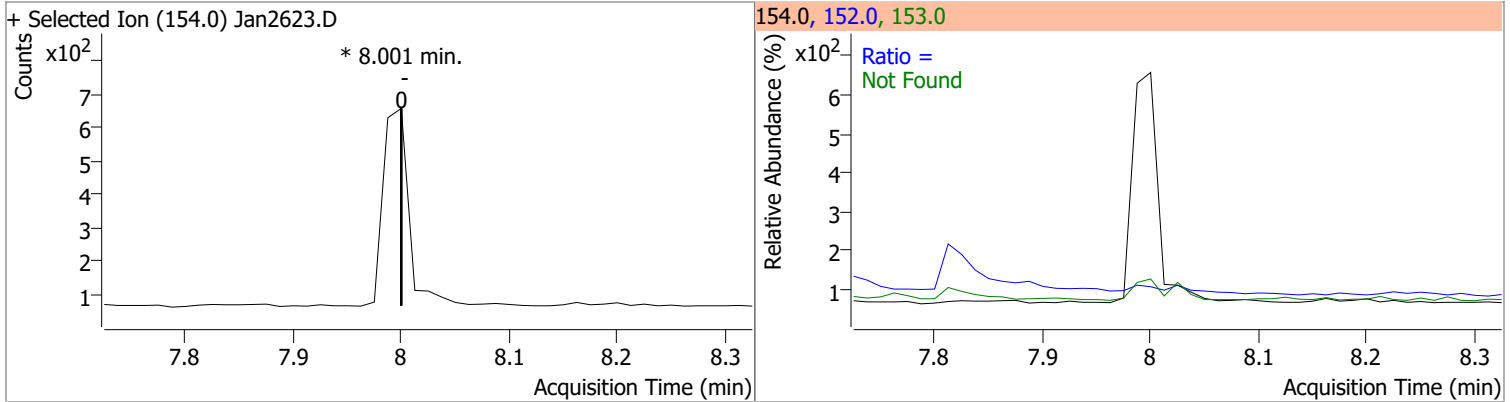
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	56.9295	7.25	0.00	522097	171.0	35.1	25.6	47.6



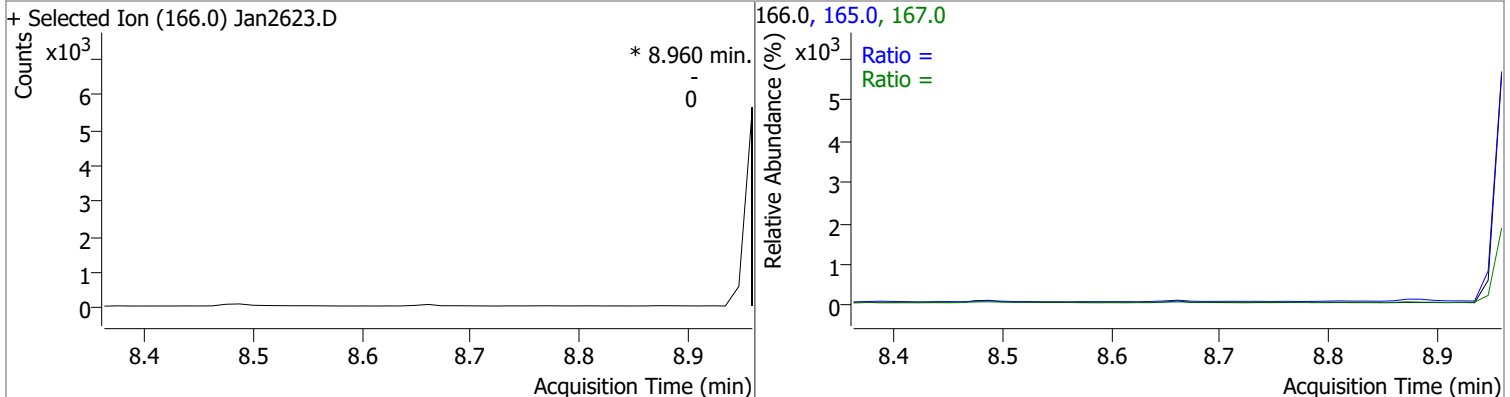
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.81	153.0	13.1



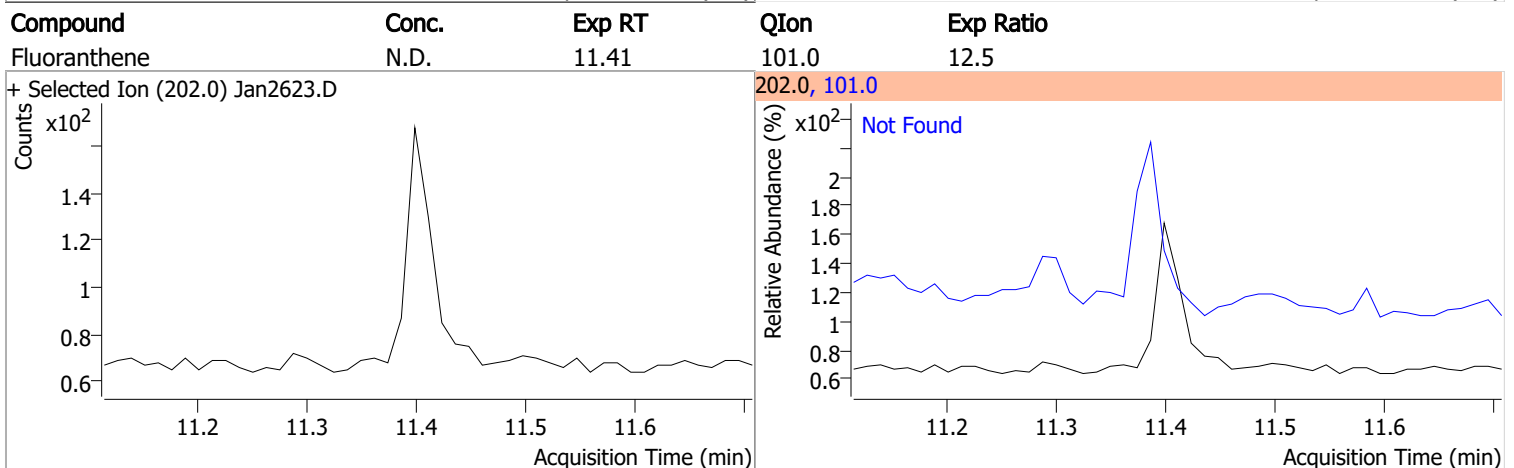
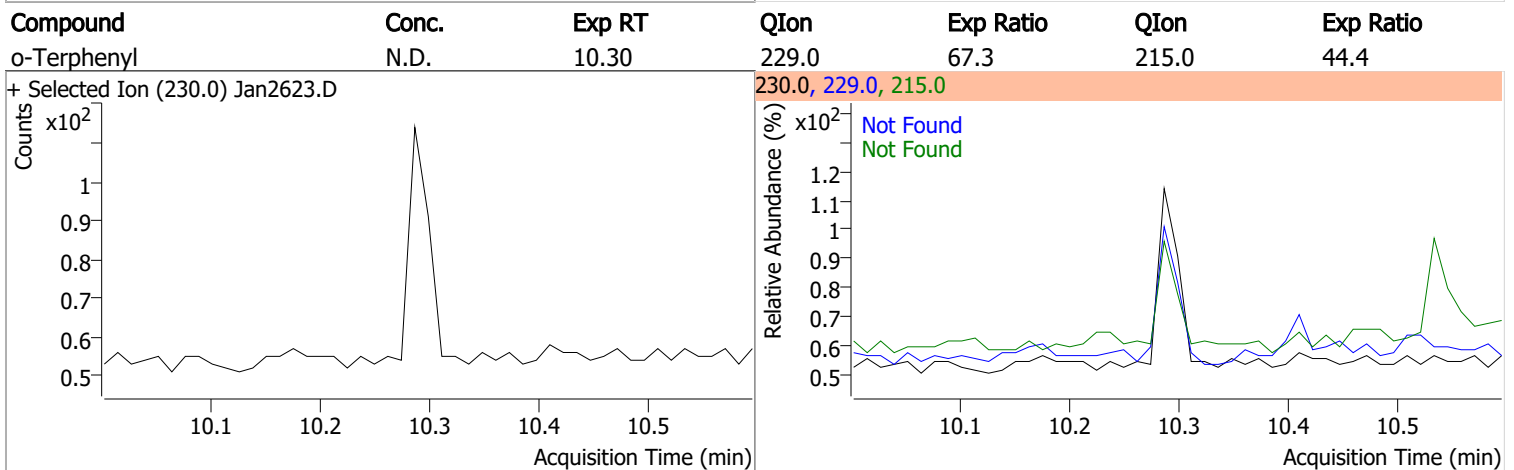
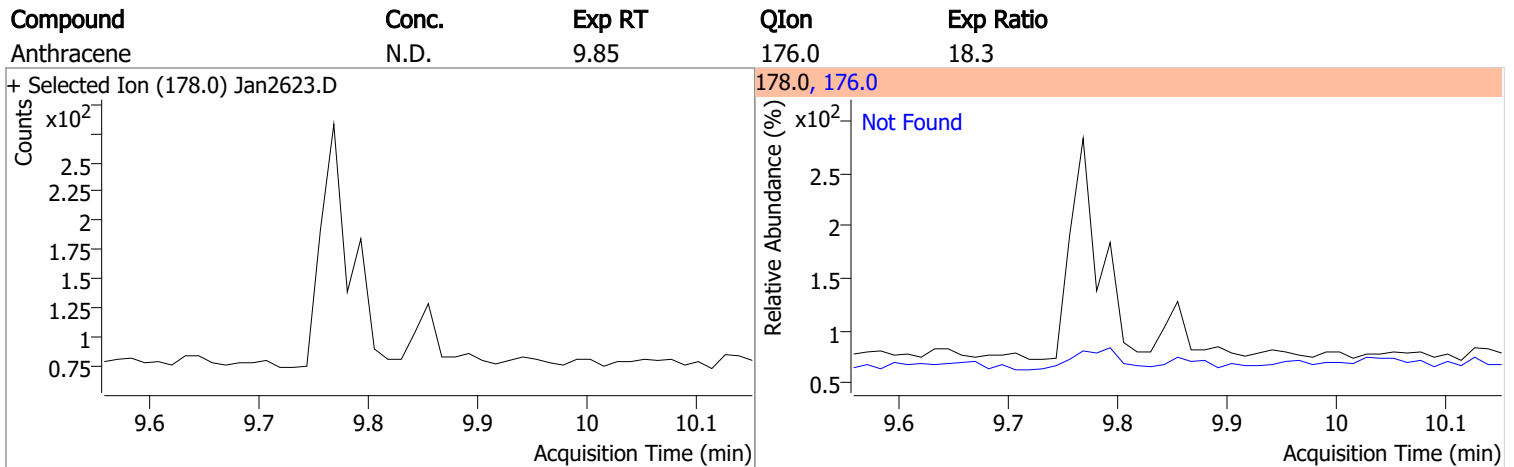
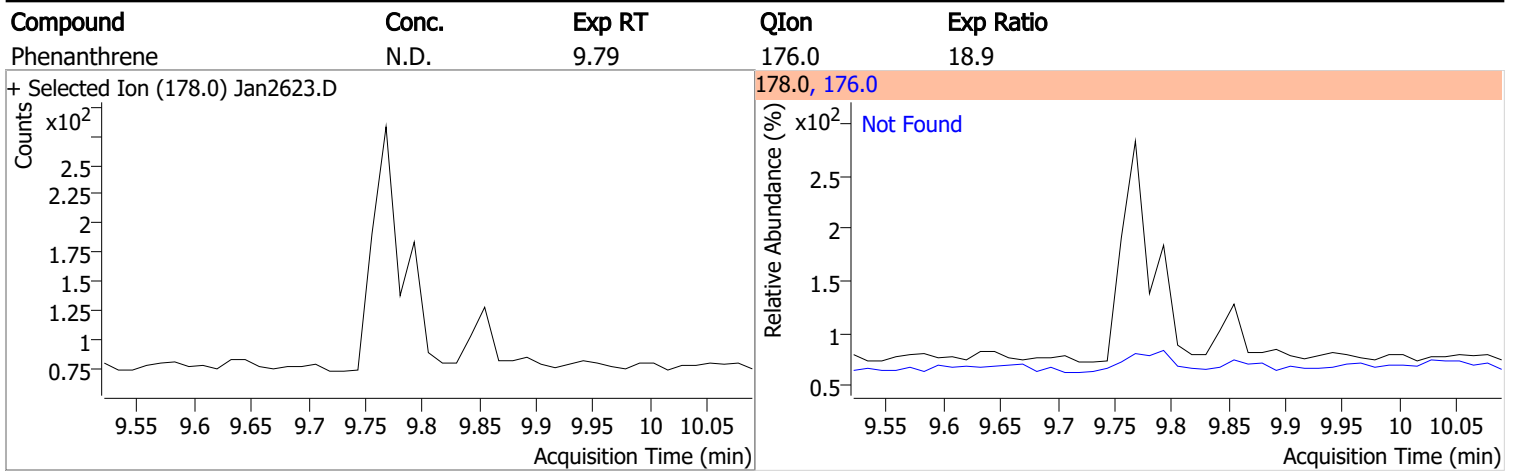
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	0	0	0	0	153.0 152.0	83.9 40.9	155.8 76.0	



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	0	0	0	0	165.0 167.0	67.0 9.2	124.5 17.1	

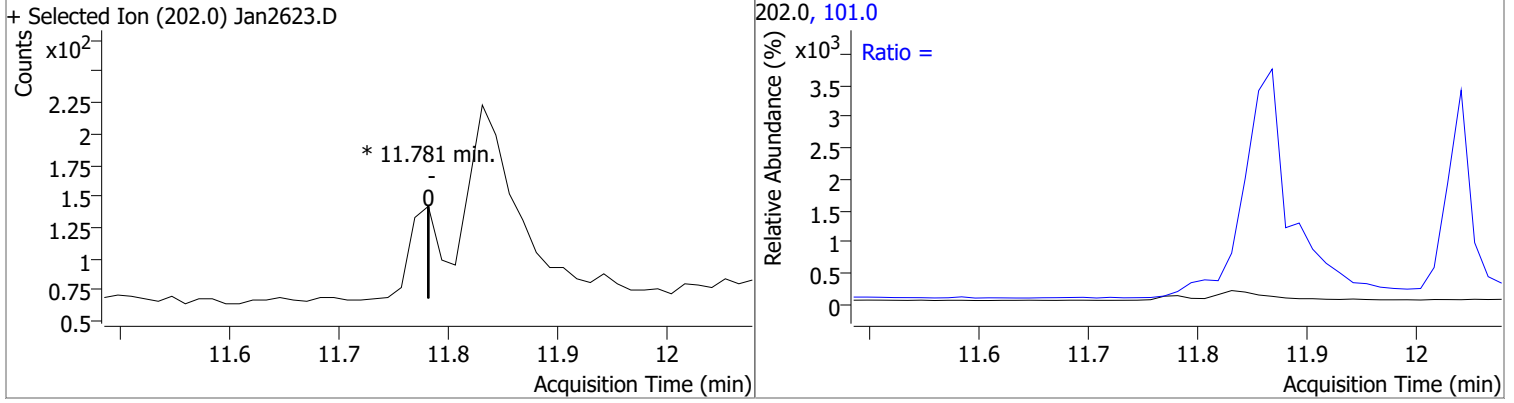


# Quantitation Results Report (QT Reviewed)

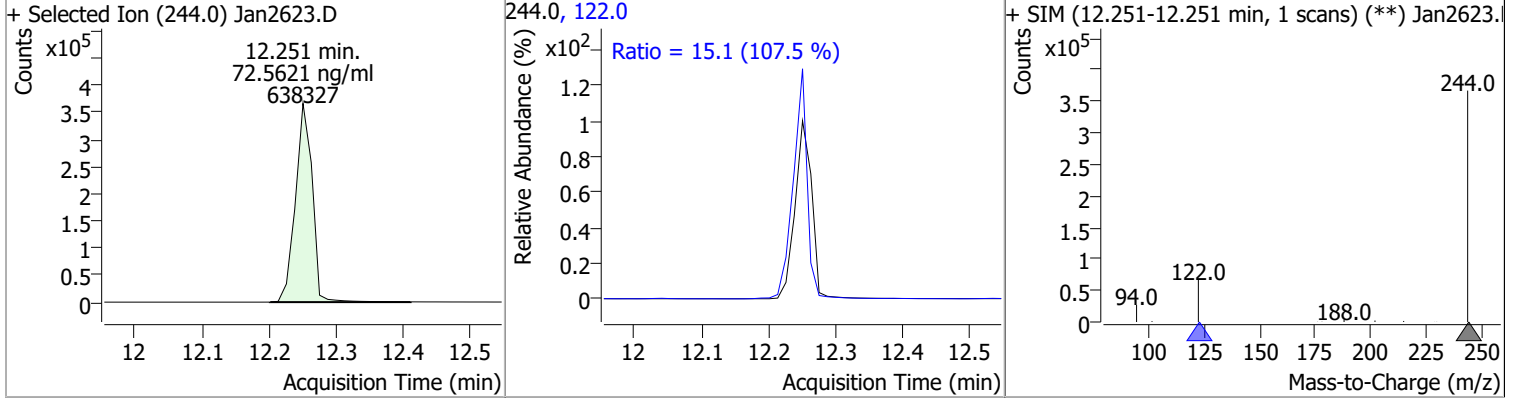


# Quantitation Results Report (QT Reviewed)

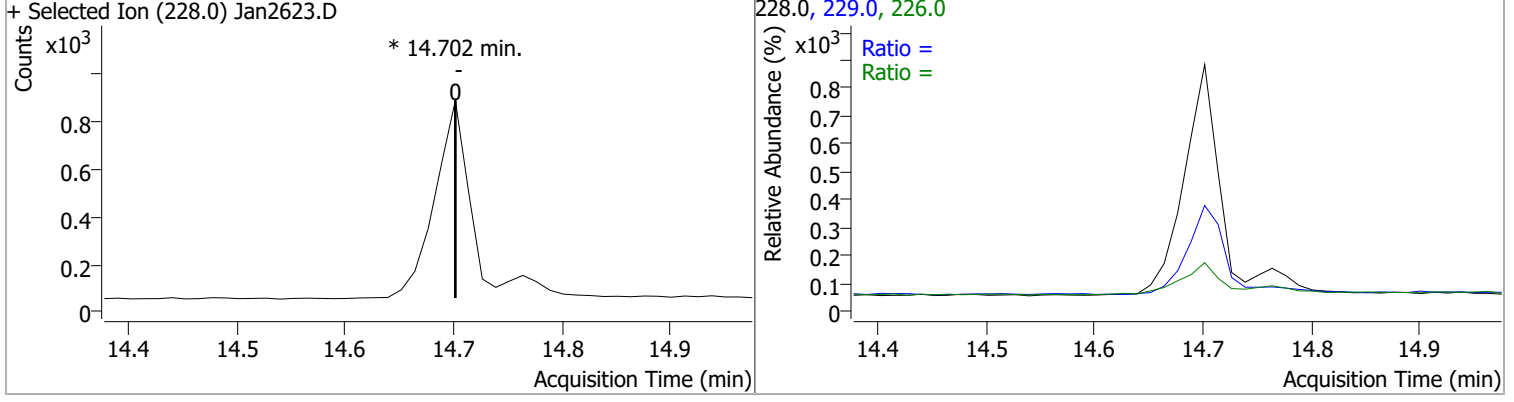
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene		0		0	101.0		10.8	20.0



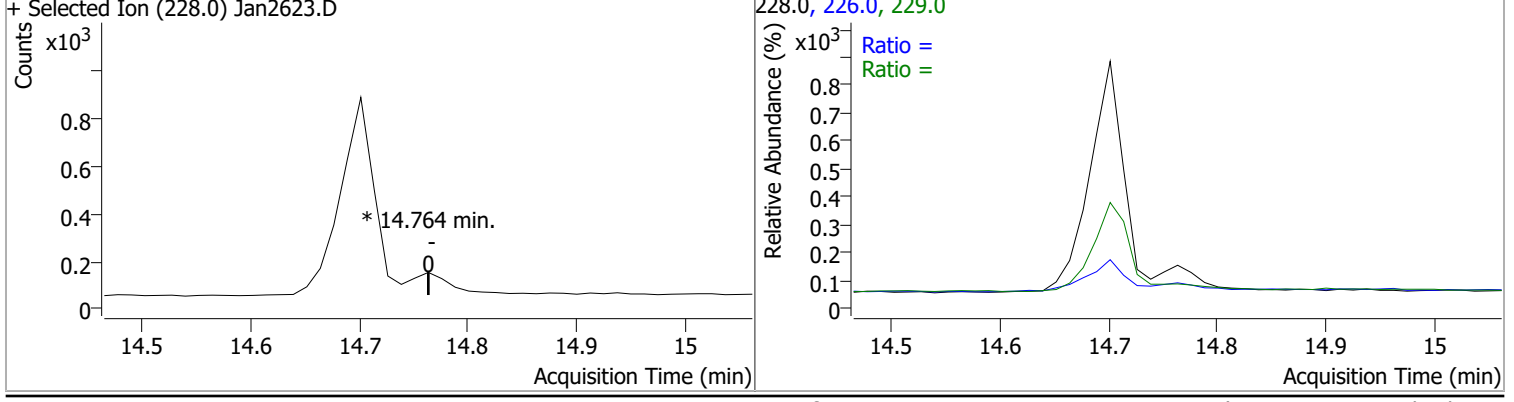
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	72.5621	12.25	0.00	638327	122.0	15.1	9.8	18.2



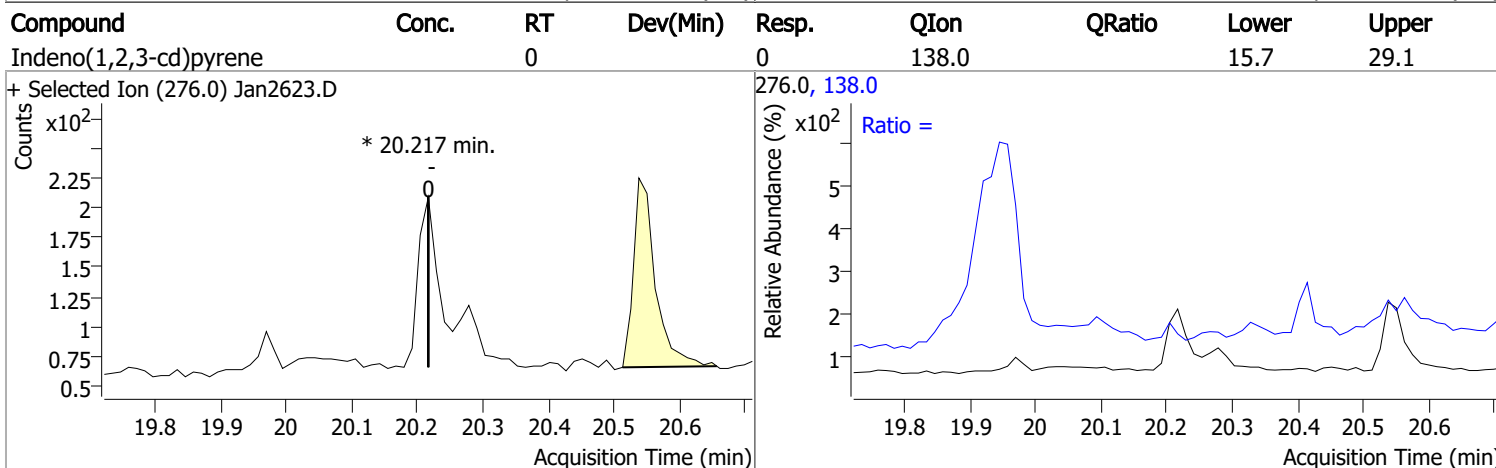
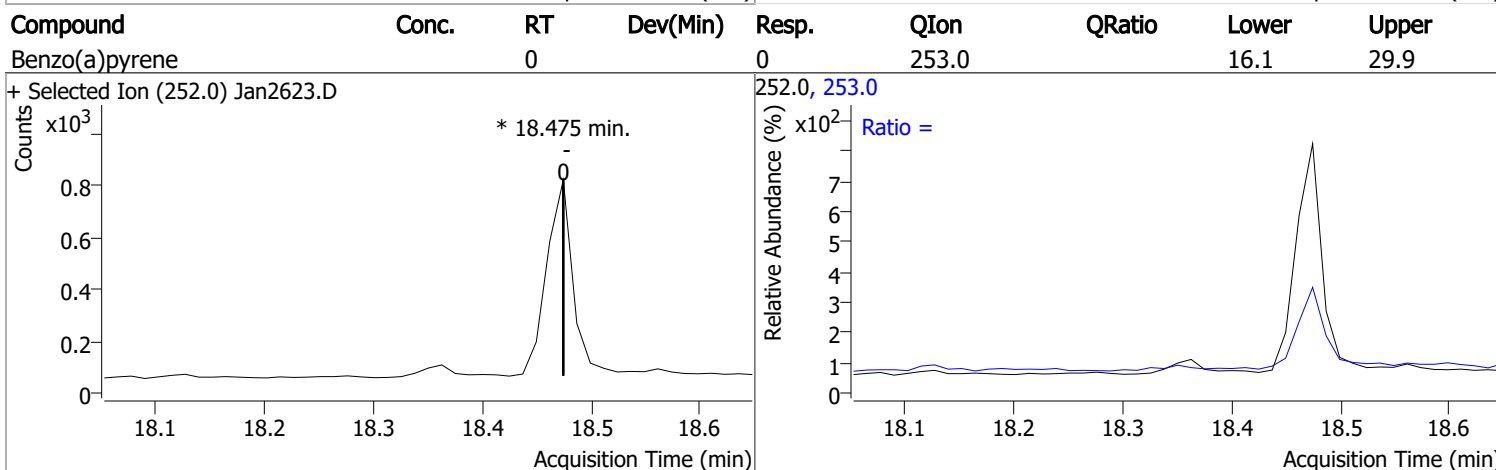
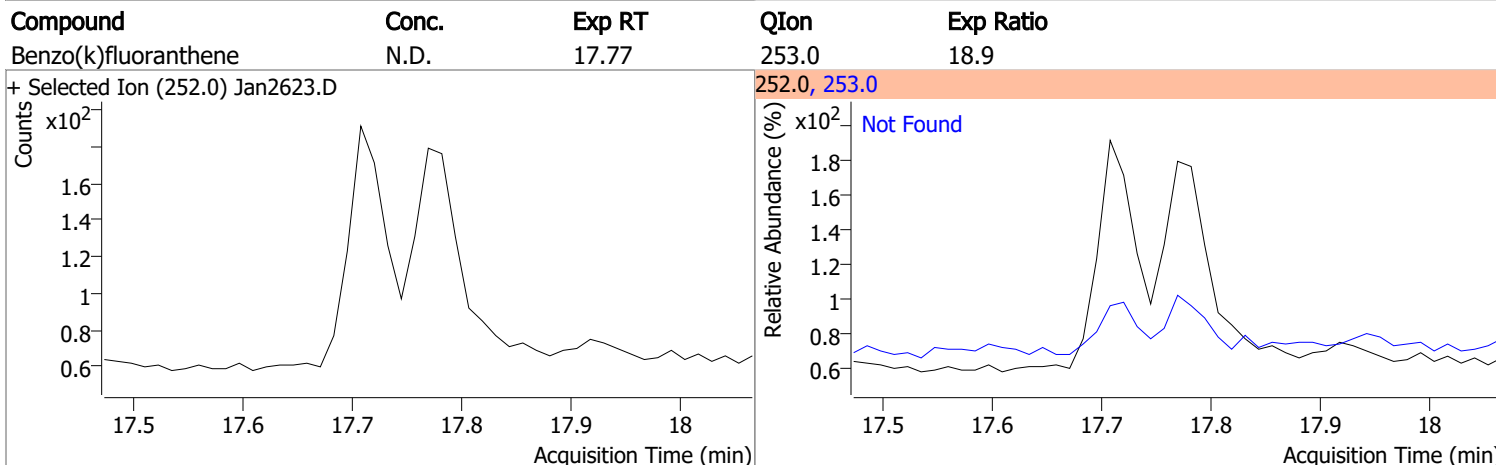
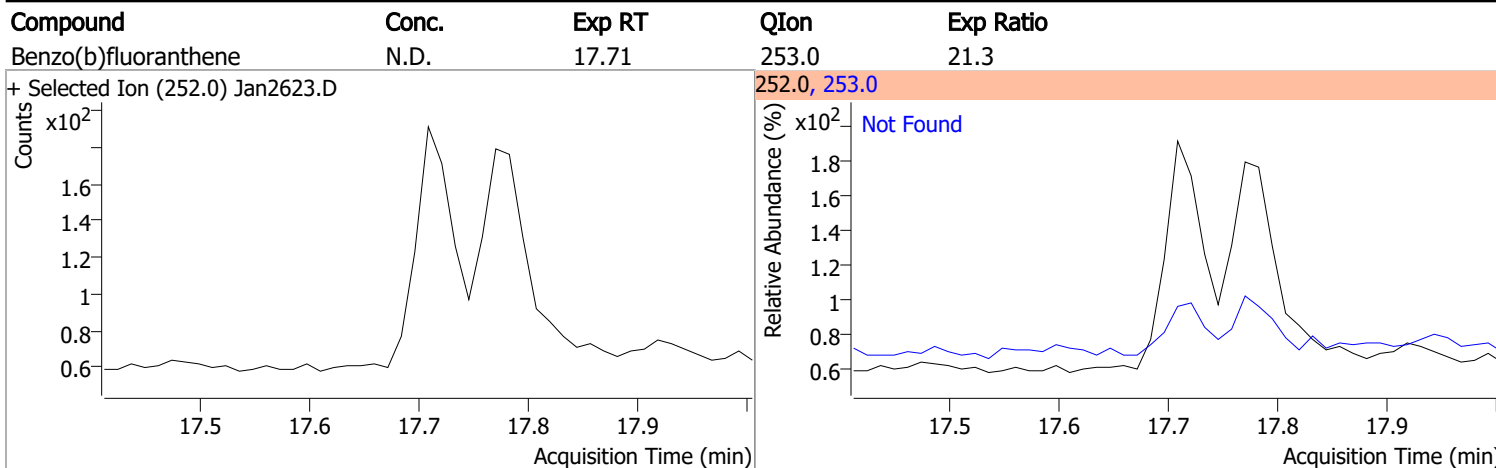
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene		0		0	226.0		19.0	35.2
					229.0		16.0	29.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene		0		0	226.0		21.0	39.1
					229.0		14.8	27.6

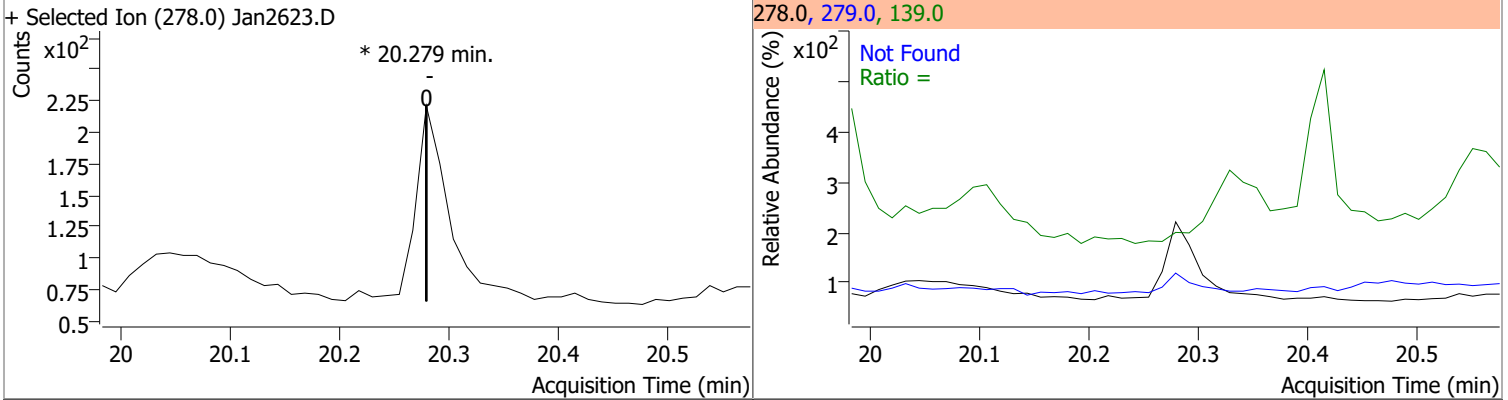


# Quantitation Results Report (QT Reviewed)

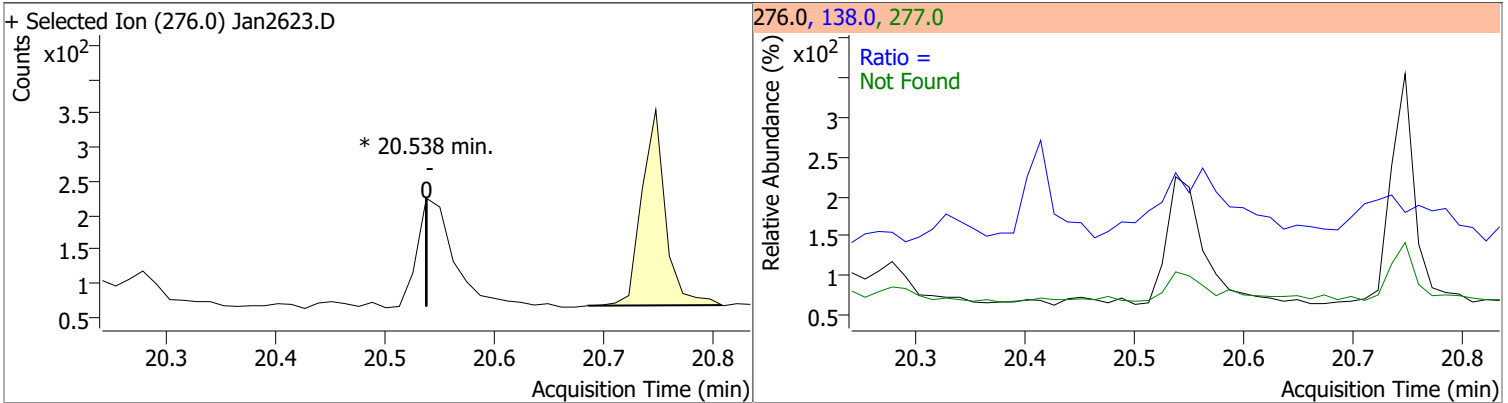


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	0	0	0	0	279.0		17.4	32.3
					139.0		12.3	22.8



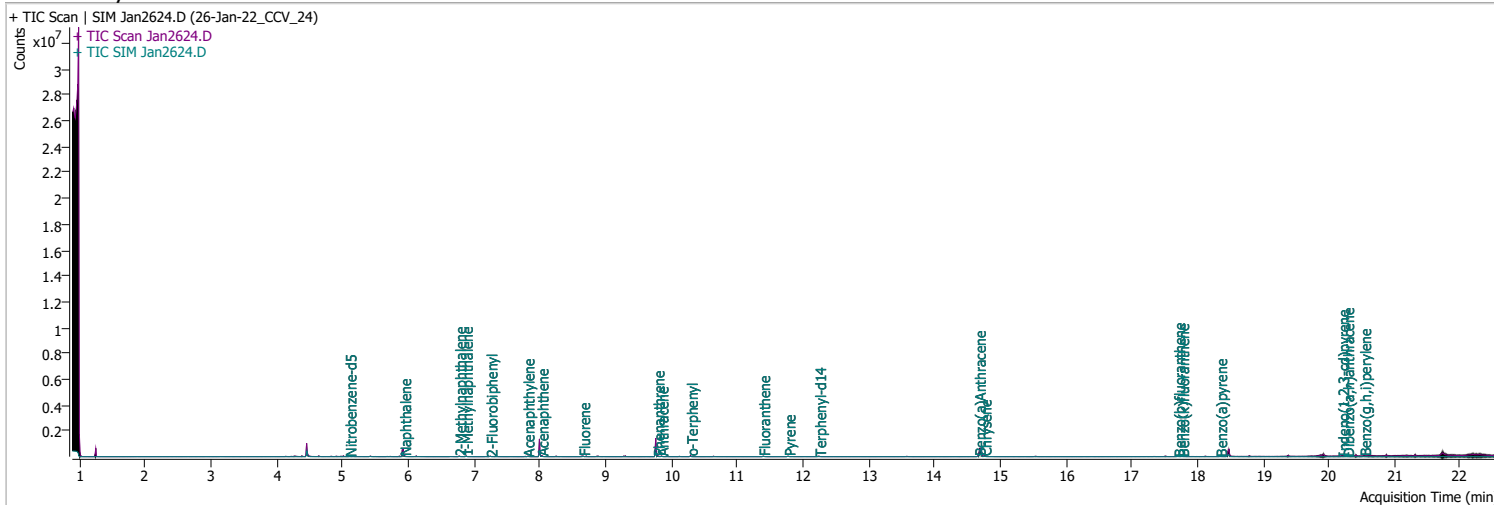
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	0	0	0	0	277.0		17.3	32.2
					138.0		14.4	26.7



# Quantitation Results Report (QT Reviewed)

Data File	Jan2624.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/27/2022 5:11:52 AM
Sample Name	26-Jan-22_CCV_24	Instrument	GCMS
Vial	24	Multiplier	1.00
DA Method File	012522 ban SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	012622 bna SIM 1.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.459	152.0	134966	40.0000	ng/ml	0.000
M Naphthalene-d8	5.916	136.0	246577	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.000	164.0	168378	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	348496	40.0000	ng/ml	0.000
M Chrysene-d12	14.701	240.0	274118	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	187167	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	8653	2.7802	ng/ml	-0.013
Spiked Amount: 5.000		Range: 19.0 - 102.0%		Recovery = 55.60%		
S 2-Fluorobiphenyl	7.252	172.0	13695	2.0660	ng/ml	0.000
Spiked Amount: 5.000		Range: 25.0 - 94.0%		Recovery = 41.32%		
S o-Terphenyl	10.299	230.0	11225	2.1293	ng/ml	0.000
Spiked Amount: 5.000		Range: 40.0 - 140.0%		Recovery = 42.59%		
S Terphenyl-d14	12.251	244.0	10020	2.2168	ng/ml	0.000
Spiked Amount: 5.000		Range: 39.0 - 106.0%		Recovery = 44.34%		
<b>Target Compounds</b>						
T Naphthalene	5.941	128.0	14544	2.2855	ng/ml	98
T 2-Methylnaphthalene	6.777	141.0	8725	2.2676	ng/ml	93
T 1-Methylnaphthalene	6.877	141.0	8650	2.2196	ng/ml	m 99
T Acenaphthylene	7.814	152.0	16095	2.1119	ng/ml	94
T Acenaphthene	8.025	154.0	9715	1.9801	ng/ml	96
T Fluorene	8.661	166.0	13776	2.0843	ng/ml	99
T Phenanthrene	9.793	178.0	19792	2.1810	ng/ml	100
T Anthracene	9.854	178.0	18761	2.1593	ng/ml	99
T Fluoranthene	11.398	202.0	23519	2.2067	ng/ml	98
T Pyrene	11.781	202.0	25591	2.2372	ng/ml	100
T Benzo(a)Anthracene	14.677	228.0	18394	2.3307	ng/ml	99
T Chrysene	14.764	228.0	23353	2.1576	ng/ml	99
T Benzo(b)fluoranthene	17.708	252.0	16761	2.3179	ng/ml	97

# Quantitation Results Report (QT Reviewed)

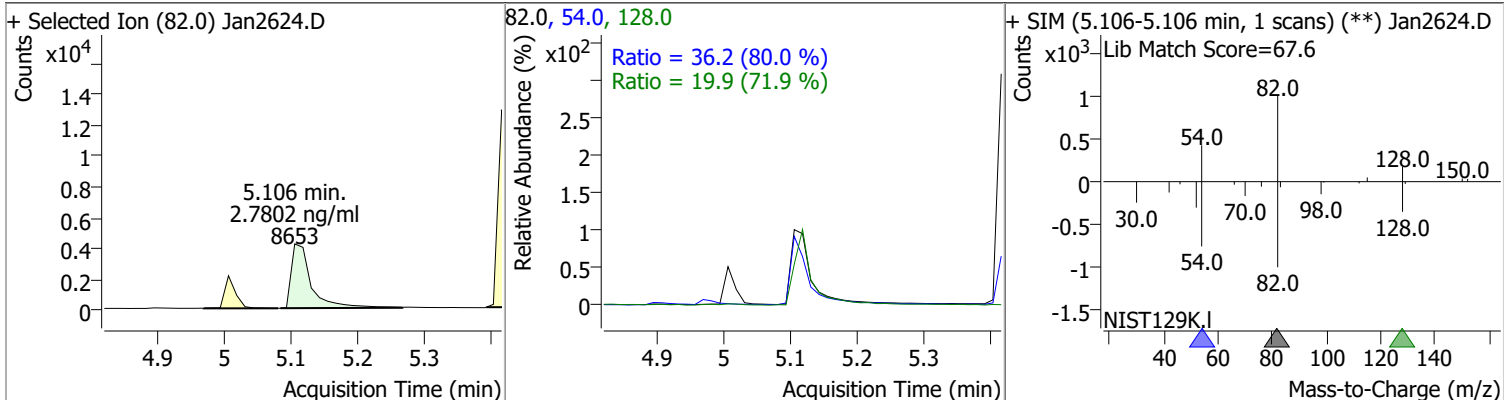
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	18617	2.1042	ng/ml	91
T Benzo(a)pyrene	18.351	252.0	13258	2.1891	ng/ml	98
T Indeno(1,2,3-cd)pyrene	20.204	276.0	13135	2.4337	ng/ml	98
T Dibenzo(a,h)anthracene	20.278	278.0	14161	2.2636	ng/ml	99
T Benzo(g,h,i)perylene	20.538	276.0	17392	2.1893	ng/ml	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

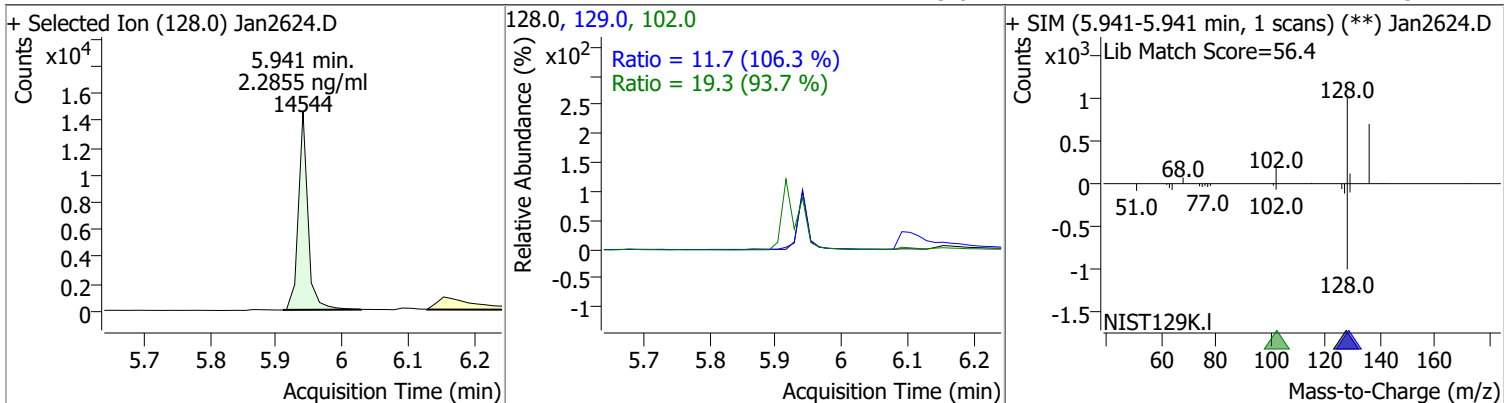


# Quantitation Results Report (QT Reviewed)

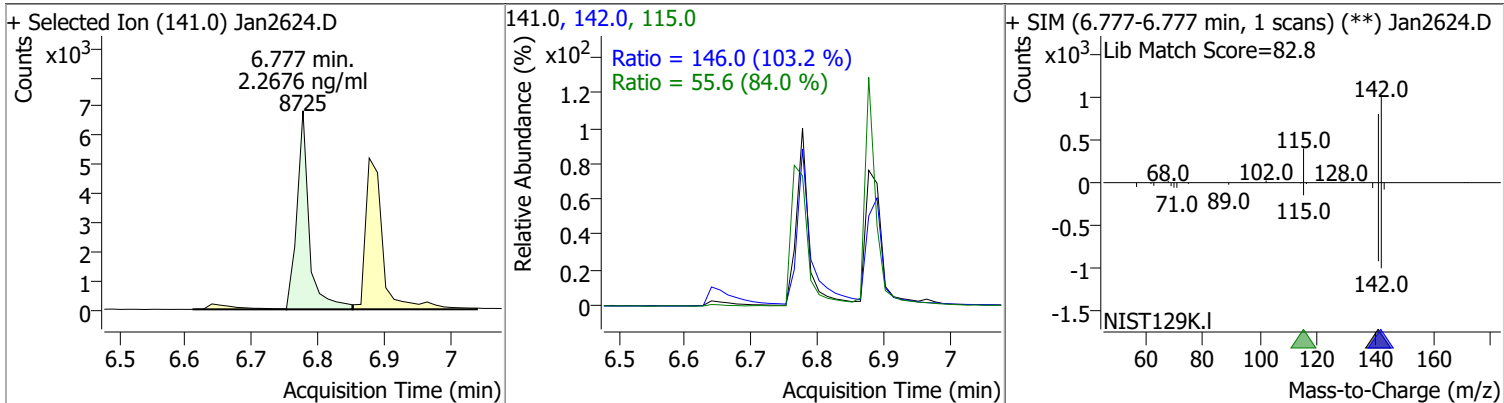
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	2.7802	5.11	-0.01	8653	54.0	36.2	31.6	58.8
					128.0	19.9	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.2855	5.94	0.00	14544	102.0	19.3	0.0	61.8
					129.0	11.7	7.7	14.3

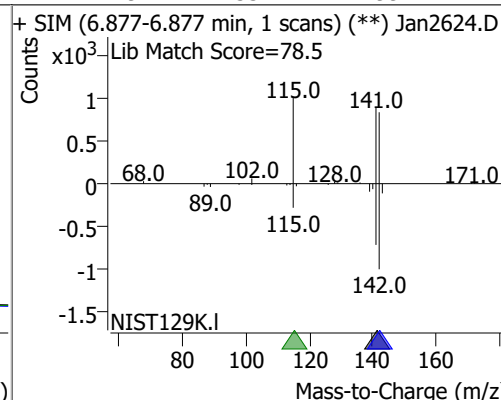
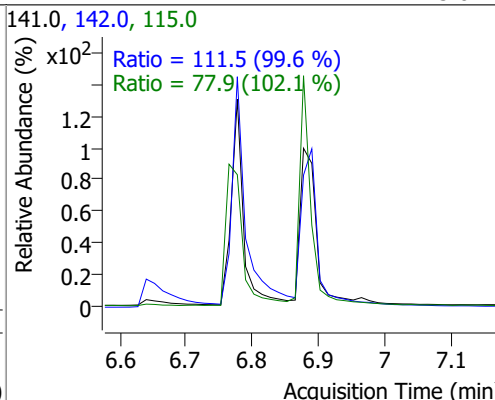
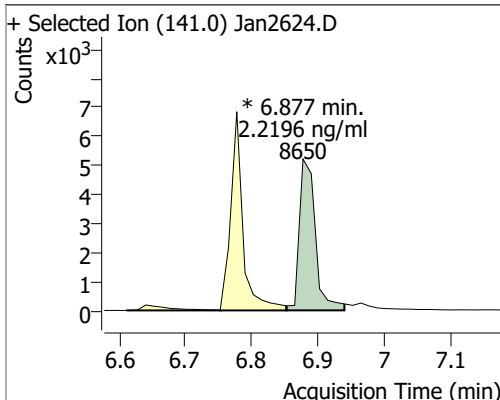


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	2.2676	6.78	0.00	8725	142.0	146.0	99.1	184.0
					115.0	55.6	46.3	86.0

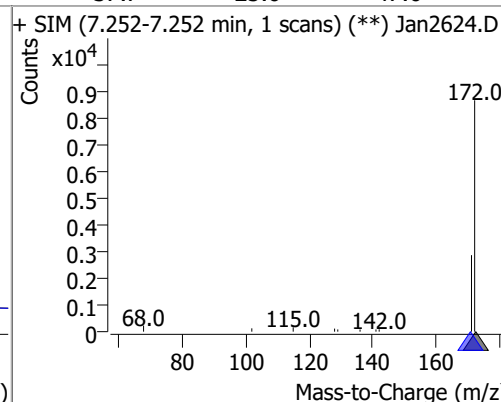
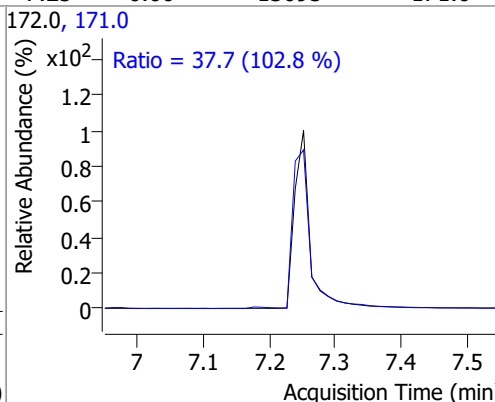
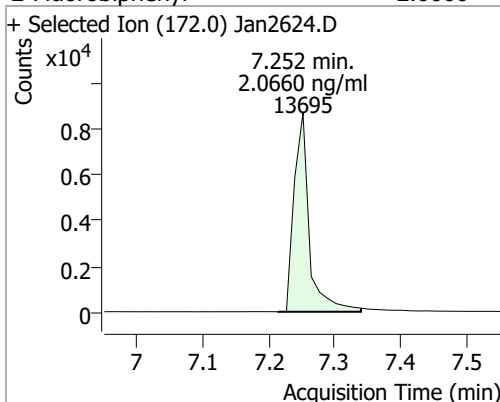


# Quantitation Results Report (QT Reviewed)

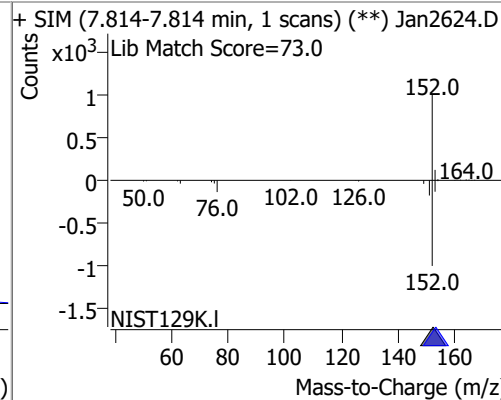
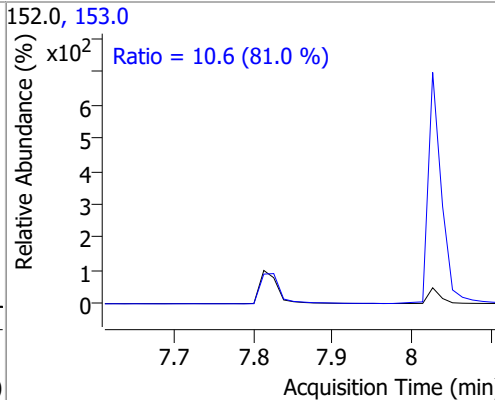
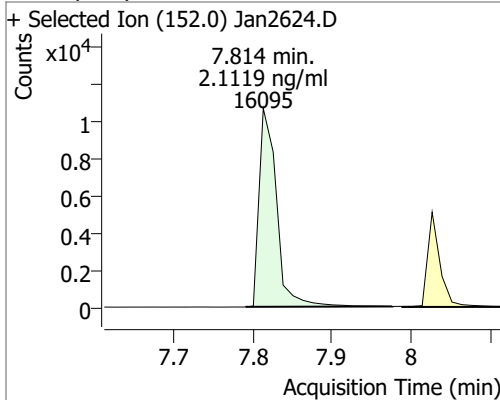
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.2196	6.88	0.00	8650 (m)	142.0	111.5	78.3	145.5
					115.0	77.9	53.4	99.2



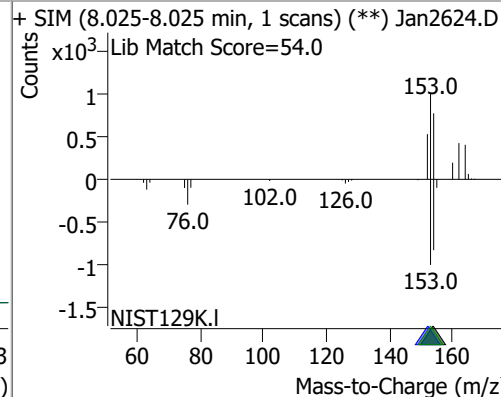
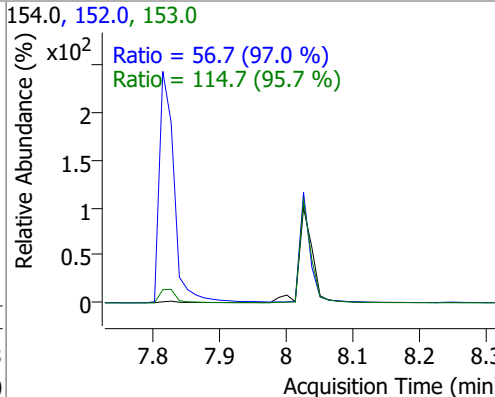
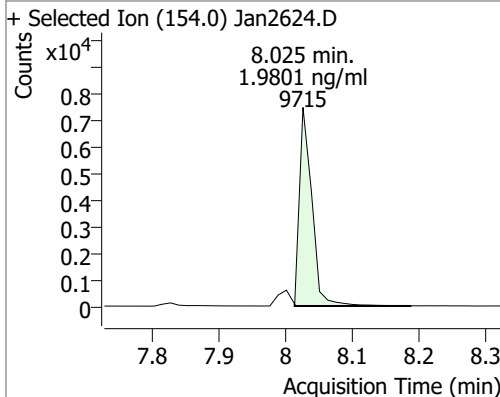
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	2.0660	7.25	0.00	13695	171.0	37.7	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	2.1119	7.81	0.00	16095	153.0	10.6	9.1	17.0

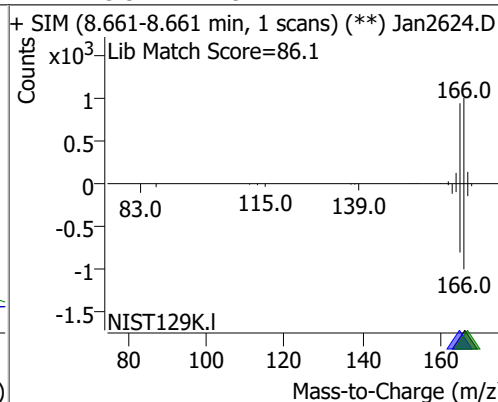
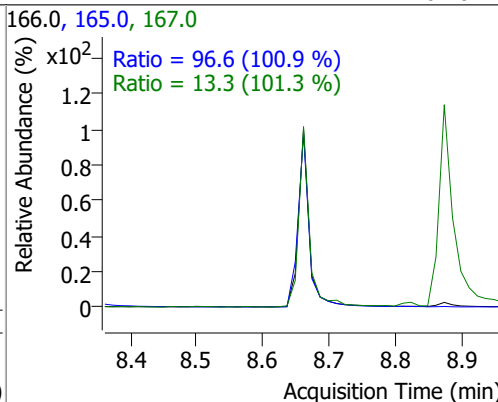
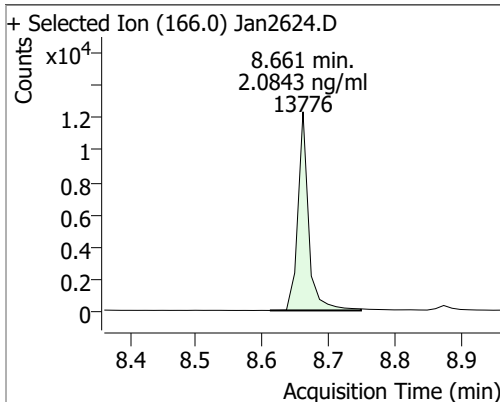


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	1.9801	8.03	0.00	9715	153.0	114.7	83.9	155.8
					152.0	56.7	40.9	76.0

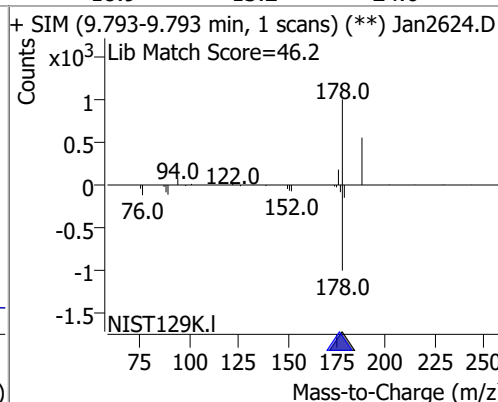
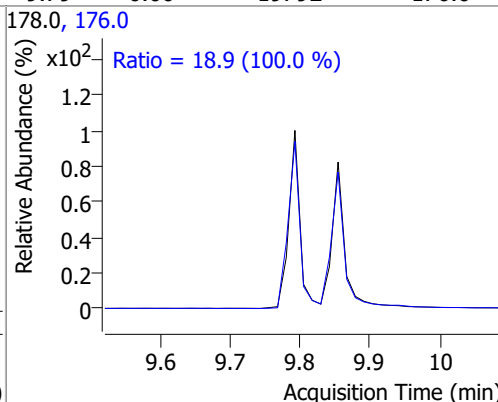
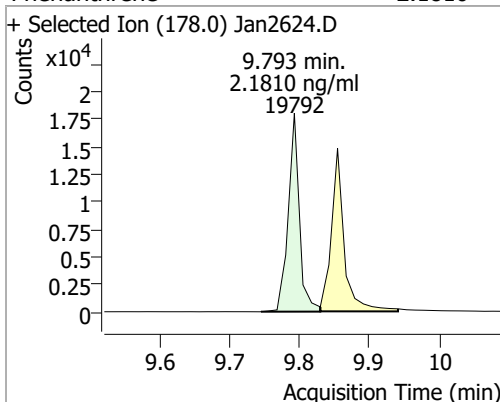


# Quantitation Results Report (QT Reviewed)

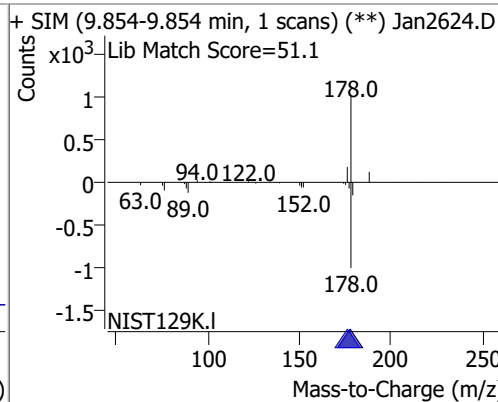
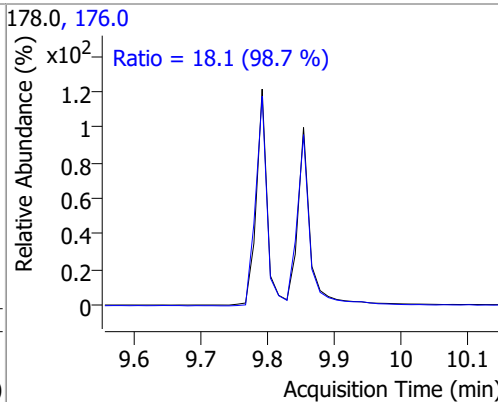
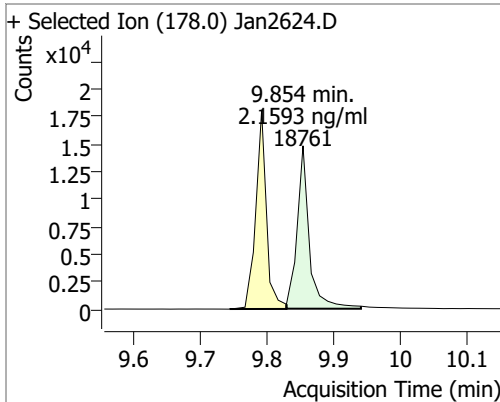
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	2.0843	8.66	0.00	13776	165.0	96.6	67.0	124.5
					167.0	13.3	9.2	17.1



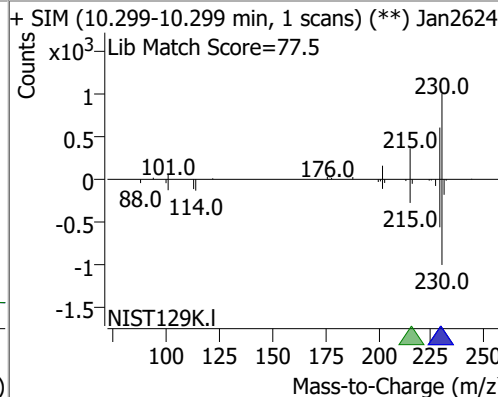
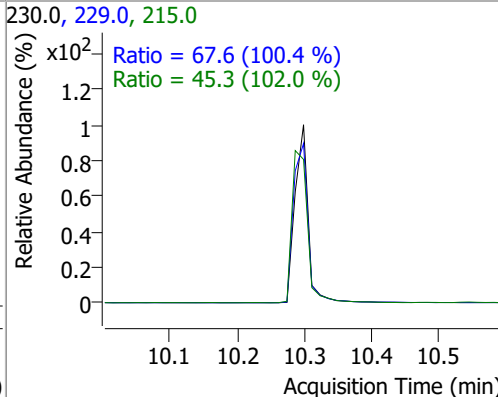
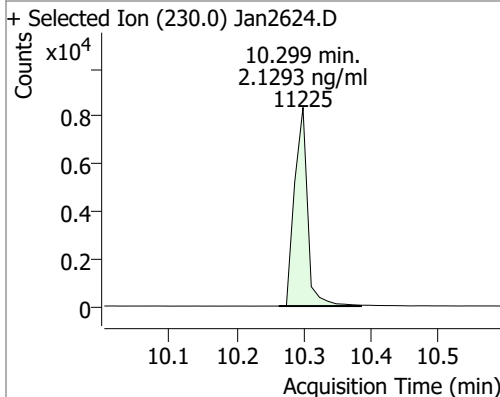
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	2.1810	9.79	0.00	19792	176.0	18.9	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	2.1593	9.85	0.00	18761	176.0	18.1	12.8	23.8

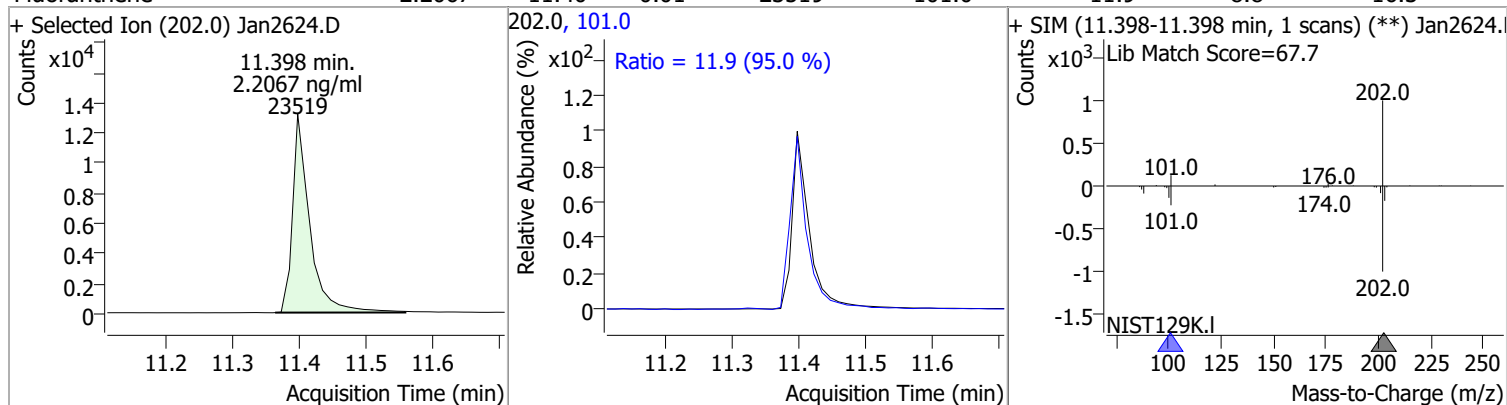


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	2.1293	10.30	0.00	11225	229.0	67.6	47.1	87.5
					215.0	45.3	31.1	57.7

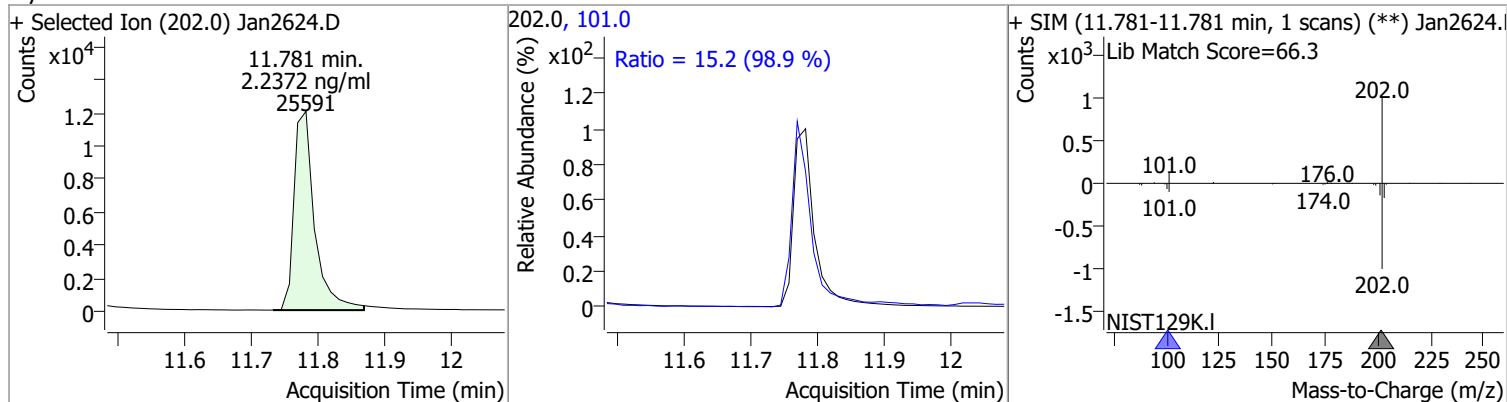


# Quantitation Results Report (QT Reviewed)

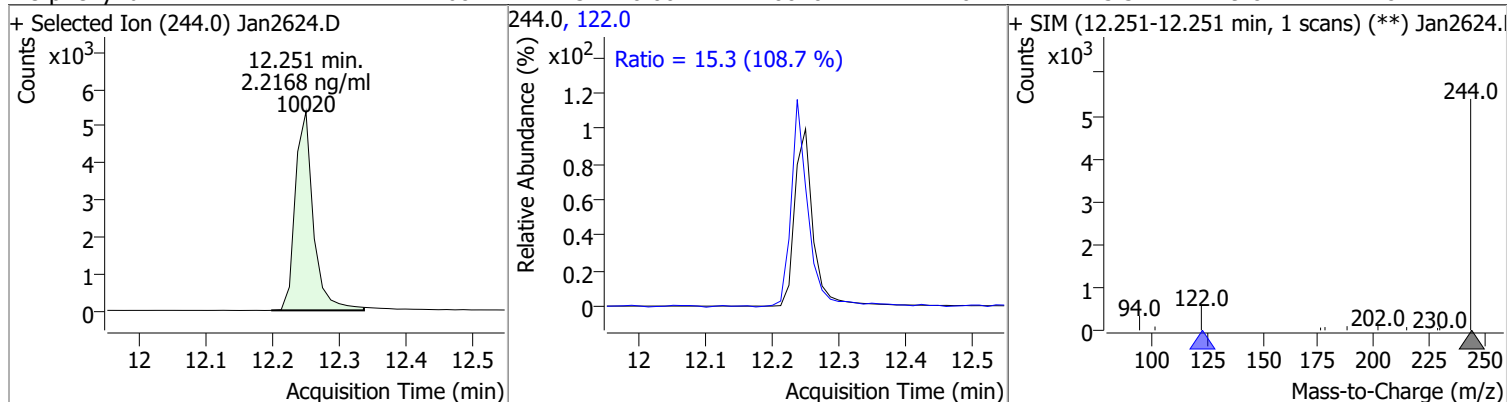
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	2.2067	11.40	-0.01	23519	101.0	11.9	8.8	16.3



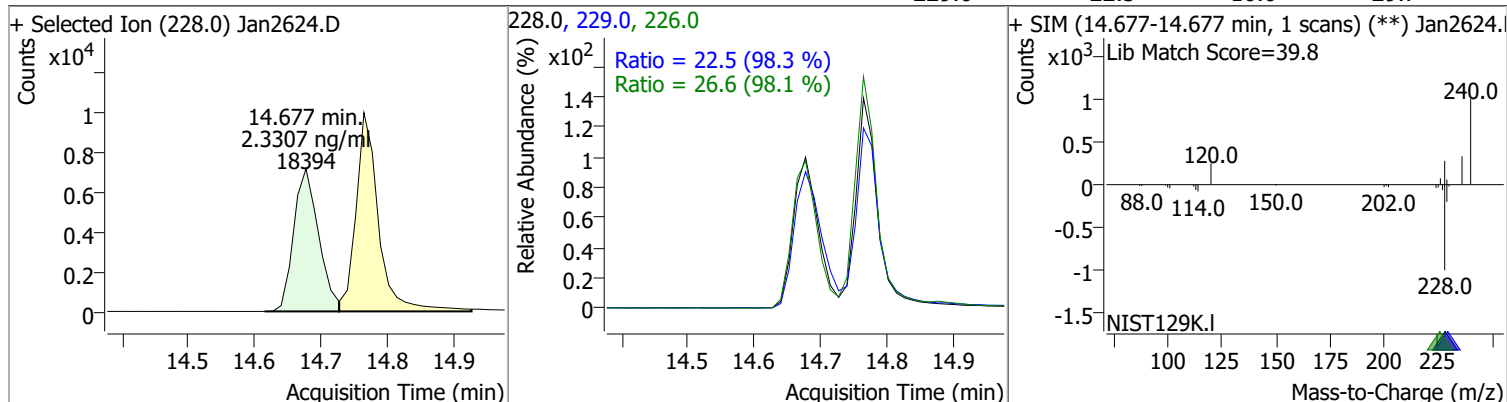
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	2.2372	11.78	0.00	25591	101.0	15.2	10.8	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	2.2168	12.25	0.00	10020	122.0	15.3	9.8	18.2

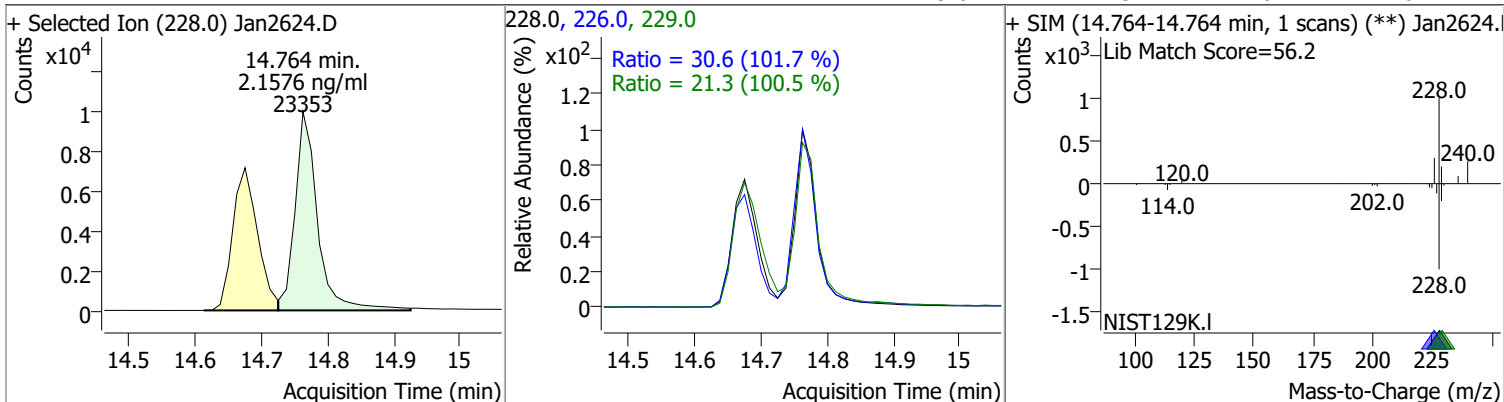


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	2.3307	14.68	0.00	18394	226.0 229.0	26.6 22.5	19.0 16.0	35.2 29.7

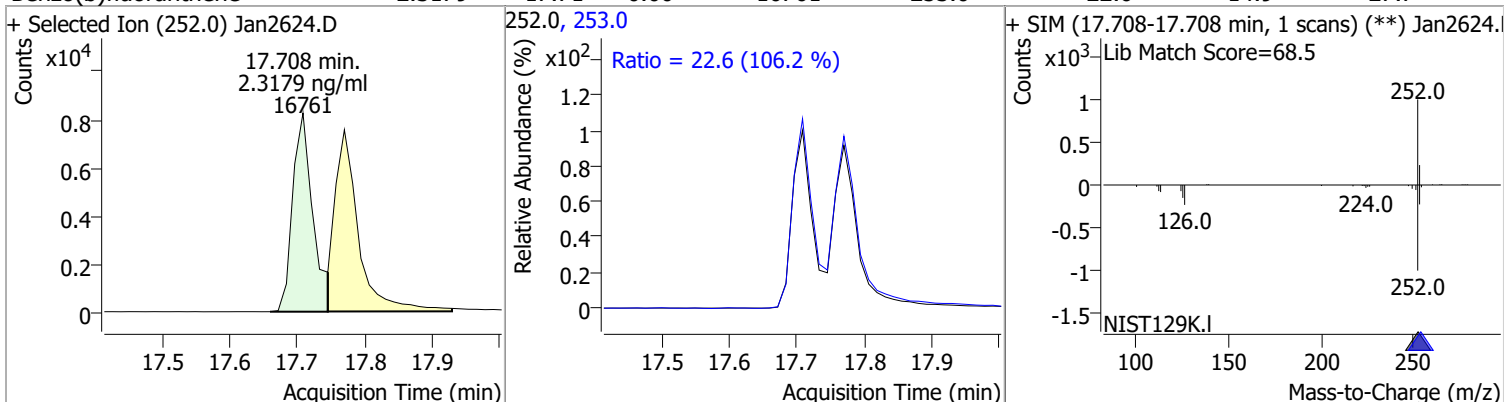


# Quantitation Results Report (QT Reviewed)

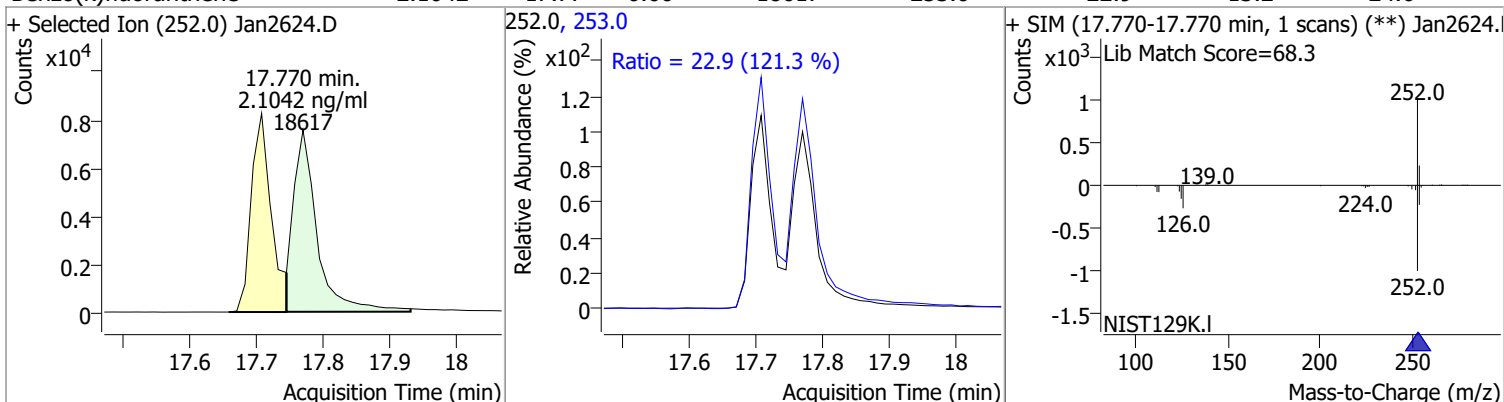
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	2.1576	14.76	0.00	23353	226.0	30.6	21.0	39.1
					229.0	21.3	14.8	27.6



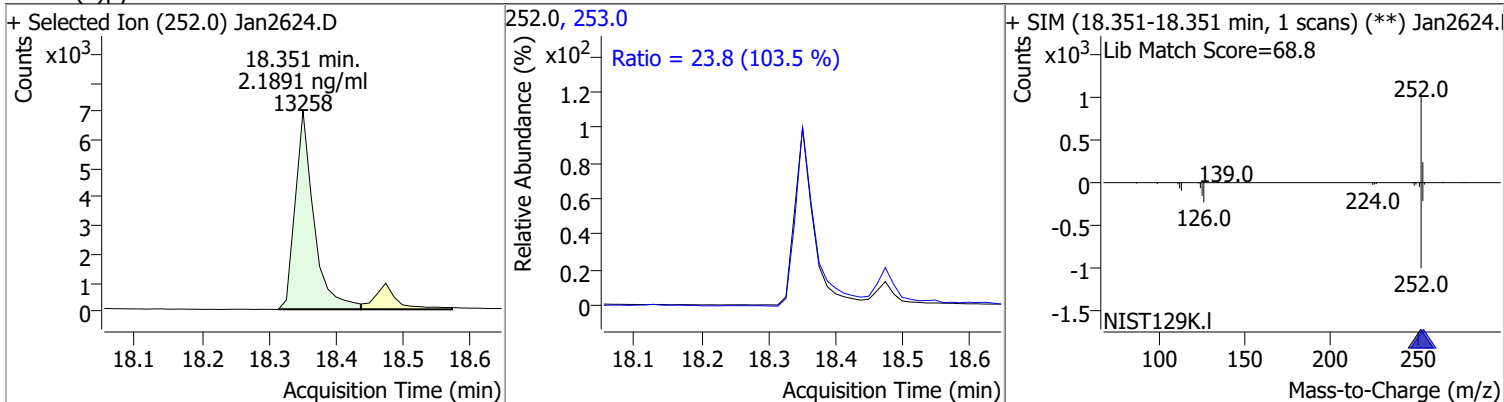
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	2.3179	17.71	0.00	16761	253.0	22.6	14.9	27.7



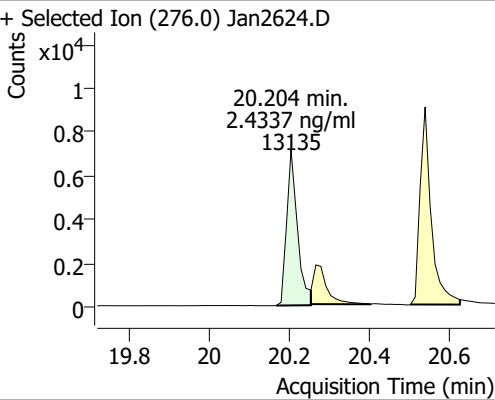
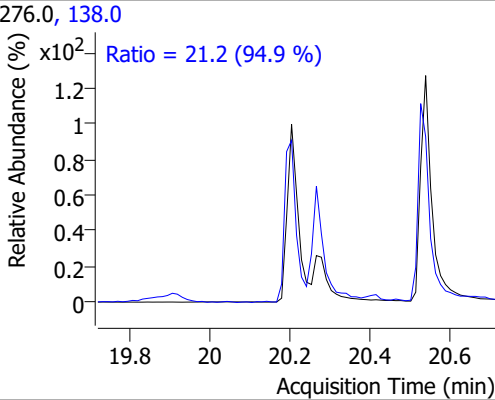
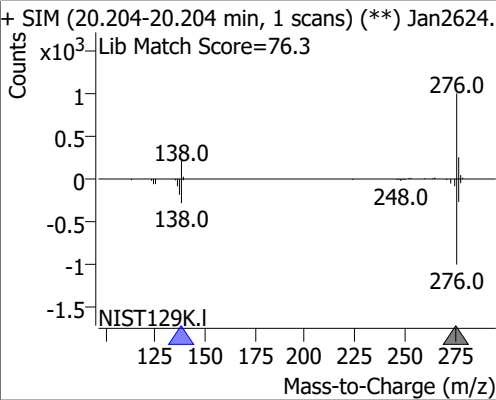
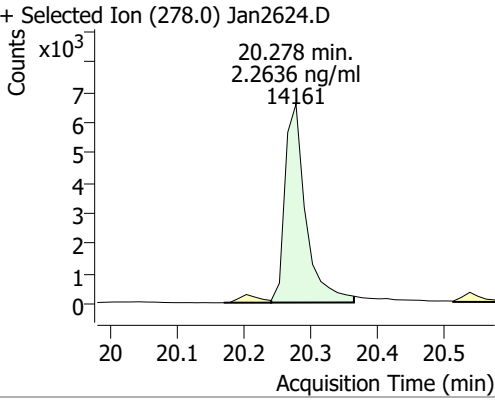
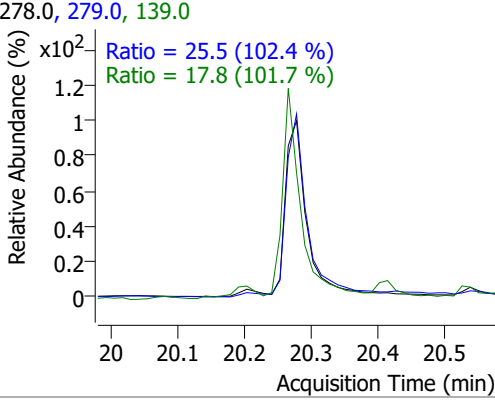
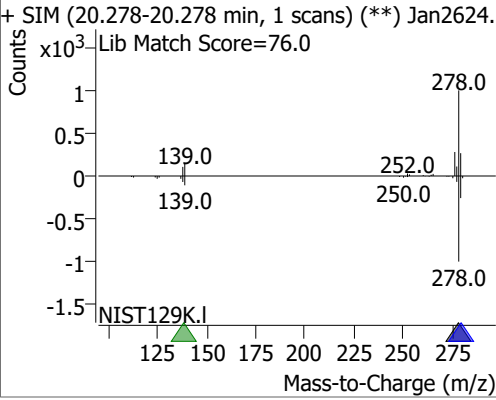
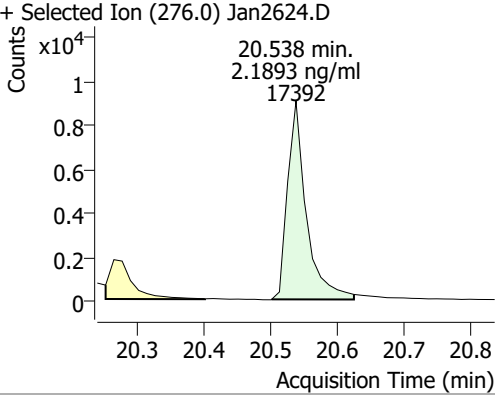
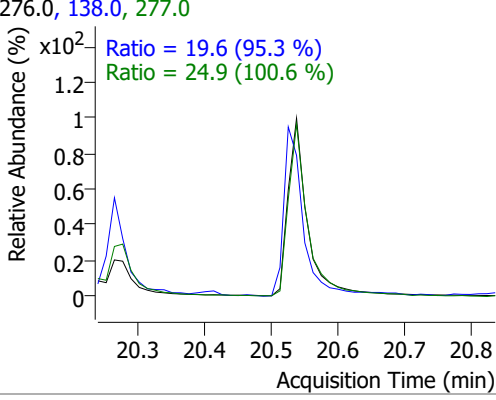
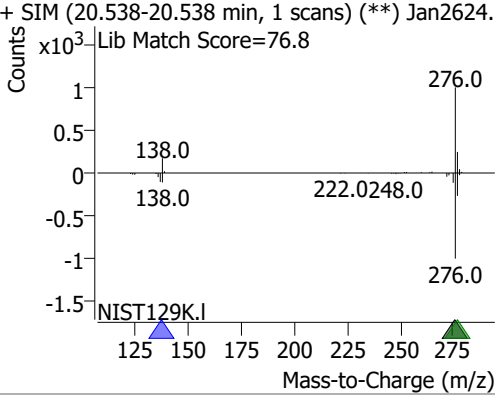
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	2.1042	17.77	0.00	18617	253.0	22.9	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	2.1891	18.35	0.00	13258	253.0	23.8	16.1	29.9



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	2.4337	20.20	-0.01	13135	138.0	21.2	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2624.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 21.2 (94.9 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan2624.D</p> <p>Lib Match Score=76.3</p>  </div> </div>								
Dibenzo(a,h)anthracene	2.2636	20.28	0.00	14161	279.0	25.5	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan2624.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 25.5 (102.4 %)</p> <p>Ratio = 17.8 (101.7 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.278-20.278 min, 1 scans) (**) Jan2624.D</p> <p>Lib Match Score=76.0</p>  </div> </div>								
Benzo(g,h,i)perylene	2.1893	20.54	0.00	17392	277.0	24.9	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan2624.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 19.6 (95.3 %)</p> <p>Ratio = 24.9 (100.6 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan2624.D</p> <p>Lib Match Score=76.8</p>  </div> </div>								

# Continuing Calibration Report

**Batch Name** \\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin  
**Method File** \\MASSHUNTER\Org\Data\SV5975.I\sh012522\2 e8270c bna SIM\012522 ban SIM 2.batch.bin  
**Daily CC** \\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM calJan2624.D

Level name	Injection Time	Calibration Files
7	1/26/2022 5:17:42 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D
6	1/26/2022 5:50:10 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D
5	1/26/2022 6:22:37 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D
4	1/26/2022 6:55:13 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D
3	1/26/2022 7:27:45 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D
2	1/26/2022 8:00:19 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D
1	1/26/2022 8:32:51 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D
CCV	1/27/2022 5:11:52 AM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2624.D <=====

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
1,4-Dichlorobenzene-d4	114519	120793	120793	100.00	M
Naphthalene-d8	209828	216708	216708	100.00	M
Acenaphthene-d10	133227	141919	141919	100.00	M
Phenanthrene-d10	287711	305194	305194	100.00	M
Chrysene-d12	227937	240679	240679	100.00	M
Perylene-d12	146859	155689	155689	100.00	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
1,4-Dichlorobenzene-d4	-----ISTD-----						
Nitrobenzene-d5	0.9962	0.7868	2.00	1.79	10.73	100.00	Quadratic
Naphthalene-d8	-----ISTD-----						
Naphthalene	0.9987	1.0698	2.00	2.07	-3.42	100.00	Quadratic
2-Methylnaphthalene	0.9993	0.6589	2.00	2.11	-5.44	100.00	Quadratic
1-Methylnaphthalene	0.9991	0.6533	2.00	2.06	-3.20	100.00	Quadratic
Acenaphthene-d10	-----ISTD-----						
2-Fluorobiphenyl	0.9995	1.5355	2.00	1.95	2.58	100.00	Quadratic
Acenaphthylene	0.9990	1.8380	2.00	2.03	-1.52	100.00	Quadratic
Acenaphthene	0.9970	1.0967	2.00	1.88	6.13	100.00	Quadratic
Fluorene	0.9995	1.5341	2.00	1.95	2.48	100.00	Quadratic
Phenanthrene-d10	-----ISTD-----						
Phenanthrene	0.9996	1.0451	2.00	2.00	-0.17	100.00	Quadratic
Anthracene	0.9994	0.9737	2.00	1.94	2.96	100.00	Quadratic
o-Terphenyl	0.9996	0.6141	2.00	2.03	-1.42	100.00	Quadratic
Fluoranthene	0.9998	1.2160	2.00	1.99	0.73	100.00	Quadratic
Chrysene-d12	-----ISTD-----						
Pyrene	0.9992	1.6632	2.00	1.99	0.38	100.00	Quadratic
Terphenyl-d14	0.9994	0.6722	2.00	2.04	-1.75	100.00	Quadratic
Benzo(a)Anthracene	0.9997	1.1608	2.00	2.00	0.15	100.00	Quadratic
Chrysene	0.9997	1.5909	2.00	2.01	-0.48	100.00	Quadratic
Perylene-d12	-----ISTD-----						
Benzo(b)fluoranthene	0.9997	1.4985	2.00	1.95	2.43	100.00	Quadratic
Benzo(k)fluoranthene	0.9992	1.9279	2.00	2.04	-1.93	100.00	Quadratic
Benzo(a)pyrene	0.9997	1.2868	2.00	1.99	0.33	100.00	Quadratic
Indeno(1,2,3-cd)pyrene	0.9999	1.1206	2.00	1.96	2.07	100.00	Quadratic
Dibenzo(a,h)anthracene	0.9998	1.3257	2.00	1.98	0.80	100.00	Quadratic
Benzo(g,h,i)perylene	0.9999	1.6736	2.00	1.97	1.41	100.00	Quadratic

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

# Audit Trail report

**Batch name and path:** \\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin  
**Quant batch version:** 10.0  
**Quant reporting version:** 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\jheine	1/27/2022 8:20:32 AM	Create new batch \\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\012622 bna SIM 1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\jheine	1/27/2022 8:21:00 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2610.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2609.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2601.D			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:21:19 AM	Set SampleType = TuneCheck for sample Jan2601.D; previous value = Sample			✓	
CmdStartMethodEditing	BL2000\jheine	1/27/2022 8:22:30 AM	Start method editing			✓	
CmdImportMethodFromBatch	BL2000\jheine	1/27/2022 8:22:31 AM	Import method from batch \\MASSHUNTER\Org\Data\SV5975.I\sh012522\2 e8270c bna SIM\012522 ban SIM 2.batch.bin			✓	
CmdApplyMethodToAllSamples	BL2000\jheine	1/27/2022 8:22:37 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\jheine	1/27/2022 8:22:37 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\jheine	1/27/2022 8:22:38 AM	End method editing			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:22:46 AM	Set SampleType = Calibration for sample Jan2602.D; previous value = Sample			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:22:48 AM	Set SampleType = Calibration for sample Jan2603.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:22:50 AM	Set SampleType = Calibration for sample Jan2604.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:22:52 AM	Set SampleType = Calibration for sample Jan2605.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:22:55 AM	Set SampleType = Calibration for sample Jan2606.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:22:59 AM	Set SampleType = Calibration for sample Jan2607.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:23:02 AM	Set SampleType = Calibration for sample Jan2608.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:23:06 AM	Set SampleType = QC for sample Jan2609.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:23:09 AM	Set LevelName = ICV for sample Jan2609.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:23:11 AM	Set LevelName = 1 for sample Jan2608.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:23:13 AM	Set LevelName = 2 for sample Jan2607.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:23:15 AM	Set LevelName = 3 for sample Jan2606.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:23:18 AM	Set LevelName = 4 for sample Jan2605.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:23:20 AM	Set LevelName = 5 for sample Jan2604.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:23:23 AM	Set LevelName = 6 for sample Jan2603.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:23:26 AM	Set LevelName = 7 for sample Jan2602.D; previous value =			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 8:23:34 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:24:31 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2604.D, from x, y = 5.928, 256 to 6.066, 68, result = 1612; previous integration is from x, y = 5.879, 68 to 6.066, 68 and previous response = 5255.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:24:33 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2604.D to y = 68, new integration is from x, y = 5.928, 68 to 6.066, 68 and new response = 2388; previous integration is from x, y = 5.928, 256 to 6.066, 68 and previous response = 1612.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:24:41 AM	Split peak for compound 1-Methylnaphthalene in sample Jan2604.D and keep left peak, new integration is from x, y = 6.865, 68.6526683797563 to 6.940, 69.1904061677846 and new response = 6938, previous integration is from x, y = 6.865, 69 to 7.040, 70 and previous response = 7667.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:24:45 AM	Manually integrate compound 1-Methylnaphthalene in sample Jan2604.D, from x, y = 6.865, 69 to 6.952, 122, result = 6938; previous integration is from x, y = 6.865, 69 to 6.940, 69 and previous response = 6938.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:24:47 AM	Drop baseline for compound 1-Methylnaphthalene in sample Jan2604.D to y = 69, new integration is from x, y = 6.865, 69 to 6.952, 69 and new response = 7079; previous integration is from x, y = 6.865, 69 to 6.952, 122 and previous response = 6938.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:24:48 AM	Set UserAnnotation = CO for compound 1-Methylnaphthalene in sample Jan2604.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:24:58 AM	Manually integrate qualifier 153.0 of compound Acenaphthylene in sample Jan2604.D from x, y = 7.801, 931 to 7.863, 1745; result = -3057			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:25:00 AM	Snap baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan2604.D from x = 7.801 to x = 7.863, new integration is from x, y = 7.801, 64 to 7.863, 124 and new response = 1594; previous integration is from x, y = 7.801, 931 to 7.863, 1745 and previous response = -3057.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:25:00 AM	Drop baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan2604.D to y = 64, new integration is from x, y = 7.801, 64 to 7.863, 64 and new response = 1706; previous integration is from x, y = 7.801, 64 to 7.863, 124 and previous response = 1594.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:25:31 AM	Manually integrate qualifier 139.0 of compound Dibenzo(a,h)anthracene in sample Jan2604.D, from x, y = 20.241, 74 to 20.365, 242, result = 1239; previous integration is from x, y = 20.241, 74 to 20.439, 76 and previous response = 1966.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:25:33 AM	Snap baseline for qualifier 139.0 of compound Dibenzo(a,h)anthracene in sample Jan2604.D from x = 20.241 to x = 20.365, new integration is from x, y = 20.241, 81 to 20.365, 98 and new response = 1746; previous integration is from x, y = 20.241, 74 to 20.365, 242 and previous response = 1239.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:25:33 AM	Drop baseline for qualifier 139.0 of compound Dibenzo(a,h)anthracene in sample Jan2604.D to y = 81, new integration is from x, y = 20.241, 81 to 20.365, 81 and new response = 1809; previous integration is from x, y = 20.241, 81 to 20.365, 98 and previous response = 1746.			✓	
CmdUpdateRetentionTimes	BL2000\jheine	1/27/2022 8:25:50 AM	Update retention time for compound Perylene-d12; Chrysene-d12; Phenanthrene-d10; Acenaphthene-d10; Naphthalene-d8; 1,4-Dichlorobenzene-d4; o-Terphenyl; Terphenyl-d14; 2-Fluorobiphenyl; Nitrobenzene-d5; Dibenzo(a,h)anthracene; Indeno(1,2,3-cd)pyrene; Benzo(a)pyrene; Benzo(k)fluoranthene; Benzo(b)fluoranthene; Chrysene; Benzo(a)Anthracene; Pyrene; Fluoranthene; Anthracene; Phenanthrene; Fluorene; Acenaphthene; Acenaphthylene; 1-Methylnaphthalene; 2-Methylnaphthalene; Naphthalene; Benzo(g,h,i)perylene;			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 8:26:11 AM	Quantitate all compounds in all samples			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateQualifierRatios	BL2000\jheine	1/27/2022 8:27:08 AM	Update qualifier ratios for compound Perylene-d12; Update qualifier ratios for compound Chrysene-d12; Update qualifier ratios for compound Phenanthrene-d10; Update qualifier ratios for compound Acenaphthene-d10; Update qualifier ratios for compound Naphthalene-d8; Update qualifier ratios for compound 1,4-Dichlorobenzene-d4; Update qualifier ratios for compound o-Terphenyl; Update qualifier ratios for compound Terphenyl-d14; Update qualifier ratios for compound 2-Fluorobiphenyl; Update qualifier ratios for compound Nitrobenzene-d5; Update qualifier ratios for compound Dibenzo(a,h)anthracene; Update qualifier ratios for compound Indeno(1,2,3-cd)pyrene; Update qualifier ratios for compound Benzo(a)pyrene; Update qualifier ratios for compound Benzo(k)fluoranthene; Update qualifier ratios for compound Benzo(b)fluoranthene; Update qualifier ratios for compound Chrysene; Update qualifier ratios for compound Benzo(a)Anthracene; Update qualifier ratios for compound Pyrene; Update qualifier ratios for compound Fluoranthene; Update qualifier ratios for compound Anthracene; Update qualifier ratios for compound Phenanthrene; Update qualifier ratios for compound Fluorene; Update qualifier ratios for compound Acenaphthene; Update qualifier ratios for compound Acenaphthylene; Update qualifier ratios for compound 1-Methylnaphthalene; Update qualifier ratios for compound 2-Methylnaphthalene; Update qualifier ratios for compound Naphthalene; Update qualifier ratios for compound Benzo(g,h,i)perylene;			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 8:27:15 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:28:01 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2602.D, from x, y = 5.928, 1174 to 6.028, 109, result = 6119; previous integration is from x, y = 5.891, 97 to 6.028, 109 and previous response = 13519.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:28:03 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2602.D to y = 109, new integration is from x, y = 5.928, 109 to 6.028, 109 and new response = 9311; previous integration is from x, y = 5.928, 1174 to 6.028, 109 and previous response = 6119.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:28:13 AM	Manually integrate compound Acenaphthene in sample Jan2602.D, from x, y = 8.013, 4846 to 8.113, 79, result = 24193; previous integration is from x, y = 7.976, 78 to 8.113, 79 and previous response = 38999.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:28:15 AM	Drop baseline for compound Acenaphthene in sample Jan2602.D to y = 79, new integration is from x, y = 8.013, 79 to 8.113, 79 and new response = 38452; previous integration is from x, y = 8.013, 4846 to 8.113, 79 and previous response = 24193.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:28:18 AM	Set UserAnnotation = CO for compound Acenaphthene in sample Jan2602.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:28:28 AM	Manually integrate compound Phenanthrene in sample Jan2602.D, from x, y = 9.768, 1553 to 9.830, 5143, result = 70734; previous integration is from x, y = 9.768, 907 to 9.825, 1925 and previous response = 71456.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:28:30 AM	Snap baseline for compound Phenanthrene in sample Jan2602.D, from x = 9.768 to x = 9.830, new integration is from x, y = 9.768, 233 to 9.830, 1527 and new response = 79878; previous integration is from x, y = 9.768, 1553 to 9.830, 5143 and previous response = 70734.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:28:30 AM	Drop baseline for compound Phenanthrene in sample Jan2602.D to y = 233, new integration is from x, y = 9.768, 233 to 9.830, 233 and new response = 82275; previous integration is from x, y = 9.768, 233 to 9.830, 1527 and previous response = 79878.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:28:32 AM	Set UserAnnotation = BA for compound Phenanthrene in sample Jan2602.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:29:08 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2603.D, from x, y = 5.928, 529 to 5.994, 143, result = 3783; previous integration is from x, y = 5.893, 211 to 5.994, 143 and previous response = 7700.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:29:10 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2603.D to y = 143, new integration is from x, y = 5.928, 143 to 5.994, 143 and new response = 4538; previous integration is from x, y = 5.928, 529 to 5.994, 143 and previous response = 3783.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:29:18 AM	Split peak for compound 1-Methylnaphthalene in sample Jan2603.D and keep left peak, new integration is from x, y = 6.852, 74.3985236774611 to 6.940, 76.914006297308 and new response = 17660, previous integration is from x, y = 6.852, 74 to 7.040, 80 and previous response = 19132.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:29:58 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2605.D, from x, y = 5.928, 279 to 6.003, 65, result = 760; previous integration is from x, y = 5.891, 65 to 6.003, 65 and previous response = 3787.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:30:00 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2605.D to y = 65, new integration is from x, y = 5.928, 65 to 6.003, 65 and new response = 1241; previous integration is from x, y = 5.928, 279 to 6.003, 65 and previous response = 760.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:30:09 AM	Manually integrate qualifier 153.0 of compound Acenaphthylene in sample Jan2605.D from x, y = 7.801, 374 to 7.876, 708; result = -1303			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:30:10 AM	Snap baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan2605.D from x = 7.801 to x = 7.876, new integration is from x, y = 7.801, 60 to 7.876, 85 and new response = 800; previous integration is from x, y = 7.801, 374 to 7.876, 708 and previous response = -1303.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:30:11 AM	Drop baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan2605.D to y = 60, new integration is from x, y = 7.801, 60 to 7.876, 60 and new response = 856; previous integration is from x, y = 7.801, 60 to 7.876, 85 and previous response = 800.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:30:22 AM	Manually integrate qualifier 176.0 of compound Phenanthrene in sample Jan2605.D from x, y = 9.736, 54 to 9.830, 276; result = 947			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:30:23 AM	Drop baseline for qualifier 176.0 of compound Phenanthrene in sample Jan2605.D to y = 54, new integration is from x, y = 9.736, 54 to 9.830, 54 and new response = 1569; previous integration is from x, y = 9.736, 54 to 9.830, 276 and previous response = 947.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:30:28 AM	Split qualifier 176.0 of compound Anthracene in sample Jan2605.D and keep right peak, new integration is from x, y = 9.830, 54.2766958735709 to 9.928, 54.2766958735709 and new response = 1406, previous integration is from x, y = 9.736, 54 to 9.928, 54 and previous response = 2974.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:31:02 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2606.D, from x, y = 5.928, 238 to 6.003, 64, result = 490; previous integration is from x, y = 5.891, 64 to 6.003, 64 and previous response = 2955.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:31:03 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2606.D to y = 64, new integration is from x, y = 5.928, 64 to 6.003, 64 and new response = 881; previous integration is from x, y = 5.928, 238 to 6.003, 64 and previous response = 490.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:31:13 AM	Manually integrate qualifier 153.0 of compound Acenaphthylene in sample Jan2606.D from x, y = 7.801, 148 to 7.876, 310; result = -367			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:31:15 AM	Snap baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan2606.D from x = 7.801 to x = 7.876, new integration is from x, y = 7.801, 56 to 7.876, 70 and new response = 379; previous integration is from x, y = 7.801, 148 to 7.876, 310 and previous response = -367.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:31:15 AM	Drop baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan2606.D to y = 56, new integration is from x, y = 7.801, 56 to 7.876, 56 and new response = 410; previous integration is from x, y = 7.801, 56 to 7.876, 70 and previous response = 379.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:31:55 AM	Manually integrate qualifier 129.0 of compound Naphthalene in sample Jan2607.D, from x, y = 5.928, 64 to 5.978, 66, result = 126; previous integration is from x, y = 5.878, 64 to 6.016, 64 and previous response = 184.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:31:57 AM	Drop baseline for qualifier 129.0 of compound Naphthalene in sample Jan2607.D to y = 64, new integration is from x, y = 5.928, 64 to 5.978, 64 and new response = 128; previous integration is from x, y = 5.928, 64 to 5.978, 66 and previous response = 126.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:31:59 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2607.D, from x, y = 5.928, 160 to 5.991, 61, result = 403; previous integration is from x, y = 5.866, 61 to 5.991, 61 and previous response = 2866.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:32:01 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2607.D to y = 61, new integration is from x, y = 5.928, 61 to 5.991, 61 and new response = 588; previous integration is from x, y = 5.928, 160 to 5.991, 61 and previous response = 403.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:32:07 AM	Split peak for compound 2-Methylnaphthalene in sample Jan2607.D and keep left peak, new integration is from x, y = 6.753, 62.4248015873016 to 6.865, 62.4248015873016 and new response = 703, previous integration is from x, y = 6.753, 62 to 6.940, 62 and previous response = 1419.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:32:17 AM	Manually integrate compound 1-Methylnaphthalene in sample Jan2607.D, from x, y = 6.865, 123 to 7.027, 121, result = 259; previous integration is from x, y = 6.753, 62 to 6.940, 62 and previous response = 1419.			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:32:18 AM	Snap baseline for compound 1-Methylnaphthalene in sample Jan2607.D, from x = 6.865 to x = 7.027, new integration is from x, y = 6.865, 92 to 7.027, 69 and new response = 664; previous integration is from x, y = 6.865, 123 to 7.027, 121 and previous response = 259.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:32:19 AM	Drop baseline for compound 1-Methylnaphthalene in sample Jan2607.D to y = 69, new integration is from x, y = 6.865, 69 to 7.027, 69 and new response = 776; previous integration is from x, y = 6.865, 92 to 7.027, 69 and previous response = 664.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:32:28 AM	Manually integrate compound Acenaphthene in sample Jan2607.D, from x, y = 8.013, 86 to 8.163, 55, result = 794; previous integration is from x, y = 7.964, 55 to 8.163, 55 and previous response = 1473.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:32:30 AM	Drop baseline for compound Acenaphthene in sample Jan2607.D to y = 55, new integration is from x, y = 8.013, 55 to 8.163, 55 and new response = 929; previous integration is from x, y = 8.013, 86 to 8.163, 55 and previous response = 794.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:32:36 AM	Split peak for compound Phenanthrene in sample Jan2607.D and keep left peak, new integration is from x, y = 9.744, 59.0203286856513 to 9.830, 59.0203286856513 and new response = 1762, previous integration is from x, y = 9.744, 59 to 10.015, 59 and previous response = 3476.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:32:39 AM	Split qualifier 176.0 of compound Phenanthrene in sample Jan2607.D and keep left peak, new integration is from x, y = 9.743, 53.5627307558342 to 9.830, 53.5627307558342 and new response = 324, previous integration is from x, y = 9.743, 54 to 9.990, 54 and previous response = 637.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:32:44 AM	Split peak for compound Anthracene in sample Jan2607.D and keep right peak, new integration is from x, y = 9.830, 59.0203286856513 to 10.015, 59.0203286856513 and new response = 1732, previous integration is from x, y = 9.744, 59 to 10.015, 59 and previous response = 3476.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:32:47 AM	Split qualifier 176.0 of compound Anthracene in sample Jan2607.D and keep right peak, new integration is from x, y = 9.830, 53.5627307558342 to 9.990, 53.5627307558342 and new response = 314, previous integration is from x, y = 9.743, 54 to 9.990, 54 and previous response = 637.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:32:55 AM	Split qualifier 101.0 of compound Fluoranthene in sample Jan2607.D and keep left peak, new integration is from x, y = 11.378, 55.7200056353903 to 11.485, 55.7200056353903 and new response = 217, previous integration is from x, y = 11.378, 56 to 11.579, 56 and previous response = 231.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:33:13 AM	Manually integrate compound Indeno(1,2,3-cd)pyrene in sample Jan2607.D, from x, y = 20.191, 56 to 20.279, 98, result = 770; previous integration is from x, y = 20.191, 56 to 20.402, 58 and previous response = 1238.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:33:14 AM	Drop baseline for compound Indeno(1,2,3-cd)pyrene in sample Jan2607.D to y = 56, new integration is from x, y = 20.191, 56 to 20.279, 56 and new response = 881; previous integration is from x, y = 20.191, 56 to 20.279, 98 and previous response = 770.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:33:21 AM	Manually integrate qualifier 139.0 of compound Dibenzo(a,h)anthracene in sample Jan2607.D, from x, y = 20.254, 69 to 20.340, 70, result = 139; previous integration is from x, y = 20.217, 67 to 20.451, 68 and previous response = 202.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:33:22 AM	Drop baseline for qualifier 139.0 of compound Dibenzo(a,h)anthracene in sample Jan2607.D to y = 69, new integration is from x, y = 20.254, 69 to 20.340, 69 and new response = 141; previous integration is from x, y = 20.254, 69 to 20.340, 70 and previous response = 139.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:33:47 AM	Manually integrate qualifier 129.0 of compound Naphthalene in sample Jan2608.D, from x, y = 5.928, 95 to 5.966, 81, result = 12; previous integration is from x, y = 5.893, 63 to 6.016, 63 and previous response = 126.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:33:48 AM	Snap baseline for qualifier 129.0 of compound Naphthalene in sample Jan2608.D from x = 5.928 to x = 5.966, new integration is from x, y = 5.928, 84 to 5.966, 64 and new response = 43; previous integration is from x, y = 5.928, 95 to 5.966, 81 and previous response = 12.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:33:49 AM	Drop baseline for qualifier 129.0 of compound Naphthalene in sample Jan2608.D to y = 64, new integration is from x, y = 5.928, 64 to 5.966, 64 and new response = 66; previous integration is from x, y = 5.928, 84 to 5.966, 64 and previous response = 43.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:33:52 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2608.D, from x, y = 5.928, 117 to 5.991, 62, result = 375; previous integration is from x, y = 5.891, 62 to 5.991, 62 and previous response = 2544.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:33:53 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2608.D to y = 62, new integration is from x, y = 5.928, 62 to 5.991, 62 and new response = 478; previous integration is from x, y = 5.928, 117 to 5.991, 62 and previous response = 375.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:33:57 AM	Split peak for compound 2-Methylnaphthalene in sample Jan2608.D and keep left peak, new integration is from x, y = 6.752, 61.491890847248 to 6.865, 61.491890847248 and new response = 402, previous integration is from x, y = 6.752, 61 to 6.940, 61 and previous response = 821.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:34:05 AM	Manually integrate compound 1-Methylnaphthalene in sample Jan2608.D, from x, y = 6.865, 95 to 6.990, 106, result = 171; previous integration is from x, y = 6.752, 61 to 6.940, 61 and previous response = 821.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:34:06 AM	Snap baseline for compound 1-Methylnaphthalene in sample Jan2608.D, from x = 6.865 to x = 6.990, new integration is from x, y = 6.865, 75 to 6.990, 67 and new response = 391; previous integration is from x, y = 6.865, 95 to 6.990, 106 and previous response = 171.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:34:07 AM	Drop baseline for compound 1-Methylnaphthalene in sample Jan2608.D to y = 67, new integration is from x, y = 6.865, 67 to 6.990, 67 and new response = 421; previous integration is from x, y = 6.865, 75 to 6.990, 67 and previous response = 391.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:34:16 AM	Manually integrate compound Acenaphthene in sample Jan2608.D, from x, y = 8.013, 86 to 8.113, 55, result = 470; previous integration is from x, y = 7.967, 55 to 8.113, 55 and previous response = 1111.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:34:18 AM	Drop baseline for compound Acenaphthene in sample Jan2608.D to y = 55, new integration is from x, y = 8.013, 55 to 8.113, 55 and new response = 560; previous integration is from x, y = 8.013, 86 to 8.113, 55 and previous response = 470.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:34:26 AM	Split peak for compound Phenanthrene in sample Jan2608.D and keep left peak, new integration is from x, y = 9.735, 58.6755494505495 to 9.830, 58.6755494505495 and new response = 1114, previous integration is from x, y = 9.735, 59 to 9.941, 59 and previous response = 2087.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:34:27 AM	Split qualifier 176.0 of compound Phenanthrene in sample Jan2608.D and keep left peak, new integration is from x, y = 9.747, 53.3215999686588 to 9.830, 53.3215999686588 and new response = 193, previous integration is from x, y = 9.747, 53 to 9.941, 53 and previous response = 374.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:34:31 AM	Split peak for compound Anthracene in sample Jan2608.D and keep right peak, new integration is from x, y = 9.830, 58.6755494505495 to 9.941, 58.6755494505495 and new response = 973, previous integration is from x, y = 9.735, 59 to 9.941, 59 and previous response = 2087.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:34:33 AM	Split qualifier 176.0 of compound Anthracene in sample Jan2608.D and keep right peak, new integration is from x, y = 9.830, 53.3215999686588 to 9.941, 53.3215999686588 and new response = 181, previous integration is from x, y = 9.747, 53 to 9.941, 53 and previous response = 374.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:34:53 AM	Manually integrate compound Indeno(1,2,3-cd)pyrene in sample Jan2608.D, from x, y = 20.187, 55 to 20.266, 94, result = 402; previous integration is from x, y = 20.187, 55 to 20.402, 55 and previous response = 765.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:34:54 AM	Drop baseline for compound Indeno(1,2,3-cd)pyrene in sample Jan2608.D to y = 55, new integration is from x, y = 20.187, 55 to 20.266, 55 and new response = 495; previous integration is from x, y = 20.187, 55 to 20.266, 94 and previous response = 402.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:34:55 AM	Set UserAnnotation = CO for compound Indeno(1,2,3-cd)pyrene in sample Jan2608.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:35:00 AM	Manually integrate qualifier 138.0 of compound Indeno(1,2,3-cd)pyrene in sample Jan2608.D, from x, y = 20.188, 60 to 20.254, 70, result = 83; previous integration is from x, y = 20.188, 60 to 20.377, 62 and previous response = 195.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:35:01 AM	Drop baseline for qualifier 138.0 of compound Indeno(1,2,3-cd)pyrene in sample Jan2608.D to y = 60, new integration is from x, y = 20.188, 60 to 20.254, 60 and new response = 101; previous integration is from x, y = 20.188, 60 to 20.254, 70 and previous response = 83.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:35:13 AM	Manually integrate qualifier 128.0 of compound Nitrobenzene-d5 in sample Jan2608.D, from x, y = 5.106, 74 to 5.243, 75, result = 77; previous integration is from x, y = 5.107, 75 to 5.354, 73 and previous response = 101.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:35:15 AM	Drop baseline for qualifier 128.0 of compound Nitrobenzene-d5 in sample Jan2608.D to y = 74, new integration is from x, y = 5.106, 74 to 5.243, 74 and new response = 81; previous integration is from x, y = 5.106, 74 to 5.243, 75 and previous response = 77.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:35:19 AM	Manually integrate qualifier 128.0 of compound Nitrobenzene-d5 in sample Jan2608.D, from x, y = 5.106, 74 to 5.205, 75, result = 65; previous integration is from x, y = 5.106, 74 to 5.243, 74 and previous response = 81.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:35:20 AM	Drop baseline for qualifier 128.0 of compound Nitrobenzene-d5 in sample Jan2608.D to y = 74, new integration is from x, y = 5.106, 74 to 5.205, 74 and new response = 68; previous integration is from x, y = 5.106, 74 to 5.205, 75 and previous response = 65.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:35:34 AM	Set UserAnnotation = CO for compound Anthracene in sample Jan2608.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:35:38 AM	Set UserAnnotation = CO for compound Phenanthrene in sample Jan2608.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:35:42 AM	Set UserAnnotation = CO for compound Acenaphthene in sample Jan2608.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:35:50 AM	Set UserAnnotation = CO for compound 1-Methylnaphthalene in sample Jan2608.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:35:53 AM	Set UserAnnotation = CO for compound 2-Methylnaphthalene in sample Jan2608.D; previous value =			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:36:04 AM	Split peak for compound 2-Methylnaphthalene in sample Jan2609.D and keep left peak, new integration is from x, y = 6.728, 62.8744187910855 to 6.865, 62.8744187910855 and new response = 8066, previous integration is from x, y = 6.728, 63 to 7.040, 63 and previous response = 16637.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:36:05 AM	Set UserAnnotation = CO for compound 2-Methylnaphthalene in sample Jan2609.D; previous value =			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:36:11 AM	Split peak for compound 1-Methylnaphthalene in sample Jan2609.D and keep right peak, new integration is from x, y = 6.865, 62.8744187910855 to 7.040, 62.8744187910855 and new response = 8571, previous integration is from x, y = 6.728, 63 to 7.040, 63 and previous response = 16637.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:36:13 AM	Split peak for compound 1-Methylnaphthalene in sample Jan2609.D and keep left peak, new integration is from x, y = 6.865, 62.8744187910855 to 6.940, 62.8744187910855 and new response = 7747, previous integration is from x, y = 6.865, 63 to 7.040, 63 and previous response = 8571.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:36:18 AM	Set UserAnnotation = CO for compound 1-Methylnaphthalene in sample Jan2609.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:36:25 AM	Manually integrate qualifier 153.0 of compound Acenaphthylene in sample Jan2609.D from x, y = 7.801, 853 to 7.876, 1796; result = -3846			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:36:27 AM	Snap baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan2609.D from x = 7.801 to x = 7.876, new integration is from x, y = 7.801, 66 to 7.876, 104 and new response = 1714; previous integration is from x, y = 7.801, 853 to 7.876, 1796 and previous response = -3846.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:36:27 AM	Drop baseline for qualifier 153.0 of compound Acenaphthylene in sample Jan2609.D to y = 66, new integration is from x, y = 7.801, 66 to 7.876, 66 and new response = 1799; previous integration is from x, y = 7.801, 66 to 7.876, 104 and previous response = 1714.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:36:34 AM	Manually integrate compound Acenaphthene in sample Jan2609.D, from x, y = 8.013, 1323 to 8.113, 67, result = 5472; previous integration is from x, y = 7.976, 68 to 8.113, 67 and previous response = 9704.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:36:35 AM	Drop baseline for compound Acenaphthene in sample Jan2609.D to y = 67, new integration is from x, y = 8.013, 67 to 8.113, 67 and new response = 9230; previous integration is from x, y = 8.013, 1323 to 8.113, 67 and previous response = 5472.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:36:44 AM	Set UserAnnotation = CO for compound Acenaphthene in sample Jan2609.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\jheine	1/27/2022 8:37:26 AM	Replace level ICV with QC sample Jan2609.D for compounds {Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, o-Terphenyl}; Replace level 1 with Calibration sample Jan2608.D for compounds {Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, o-Terphenyl}; Replace level 2 with Calibration sample Jan2607.D for compounds {Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, o-Terphenyl}; Replace level 3 with Calibration sample Jan2606.D for compounds {Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, o-Terphenyl};			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Nitrobenzene-d5, o-Terphenyl}; Replace level 4 with Calibration sample Jan2605.D for compounds {Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2- Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, o-Terphenyl}; Replace level 5 with Calibration sample Jan2604.D for compounds {Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2- Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, o-Terphenyl}; Replace level 6 with Calibration sample Jan2603.D for compounds {Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2- Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, o-Terphenyl}; Replace level 7 with Calibration sample Jan2602.D for compounds {Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2- Fluorobiphenyl, 1-Methylnaphthalene,				

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, o-Terphenyl};				
CmdQuantitate	BL2000\jheine	1/27/2022 8:39:18 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:40:52 AM	Set CurveFit = fitAverageOfResponseFactors for compound Nitrobenzene-d5 in all samples; previous value = fitQuadratic			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:40:55 AM	Set CurveFit = fitQuadratic for compound Nitrobenzene-d5 in all samples; previous value = fitQuadratic			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:41:02 AM	Set CurveFit = fitQuadratic for compound Naphthalene in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:41:04 AM	Set CurveFitOrigin = originInclude for compound Naphthalene in all samples; previous value = originIgnore			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:41:05 AM	Set CurveFitWeight = weightOneOverX for compound Naphthalene in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 8:41:10 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:41:17 AM	Set CurveFit = fitQuadratic for compound 2-Methylnaphthalene in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:41:19 AM	Set CurveFitOrigin = originInclude for compound 2-Methylnaphthalene in all samples; previous value = originIgnore			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:41:22 AM	Set CurveFitWeight = weightOneOverX for compound 2-Methylnaphthalene in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 8:41:26 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:41:32 AM	Set CurveFit = fitQuadratic for compound 1-Methylnaphthalene in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:41:34 AM	Set CurveFitOrigin = originInclude for compound 1-Methylnaphthalene in all samples; previous value = originIgnore			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:41:35 AM	Set CurveFitWeight = weightOneOverX for compound 1-Methylnaphthalene in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 8:41:40 AM	Quantitate all compounds in all samples			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:41:51 AM	Set CurveFit = fitQuadratic for compound Acenaphthylene in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:41:52 AM	Set CurveFitOrigin = originInclude for compound Acenaphthylene in all samples; previous value = originIgnore			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:41:54 AM	Set CurveFitWeight = weightOneOverX for compound Acenaphthylene in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 8:41:58 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:42:04 AM	Set CurveFit = fitQuadratic for compound Acenaphthene in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:42:06 AM	Set CurveFitOrigin = originInclude for compound Acenaphthene in all samples; previous value = originIgnore			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:42:08 AM	Set CurveFitWeight = weightOneOverX for compound Acenaphthene in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 8:42:13 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:42:37 AM	Set CurveFitWeight = weightOneOverXSquared for compound Acenaphthene in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 8:42:42 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:42:50 AM	Set CurveFit = fitQuadratic for compound Fluorene in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:42:52 AM	Set CurveFitOrigin = originInclude for compound Fluorene in all samples; previous value = originIgnore			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:42:53 AM	Set CurveFitWeight = weightOneOverX for compound Fluorene in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 8:42:58 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:43:06 AM	Set CurveFit = fitQuadratic for compound 2-Fluorobiphenyl in all samples; previous value = fitAverageOfResponseFactors			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:43:07 AM	Set CurveFitOrigin = originInclude for compound 2-Fluorobiphenyl in all samples; previous value = originIgnore			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:43:11 AM	Set CurveFitWeight = weightOneOverX for compound 2-Fluorobiphenyl in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 8:43:15 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:43:30 AM	Set CurveFit = fitQuadratic for compound Fluoranthene in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:43:32 AM	Set CurveFitOrigin = originInclude for compound Fluoranthene in all samples; previous value = originIgnore			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:43:34 AM	Set CurveFitWeight = weightOneOverX for compound Fluoranthene in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 8:43:39 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:43:49 AM	Set CurveFit = fitQuadratic for compound o-Terphenyl in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:43:51 AM	Set CurveFitOrigin = originInclude for compound o-Terphenyl in all samples; previous value = originIgnore			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:43:53 AM	Set CurveFitWeight = weightOneOverX for compound o-Terphenyl in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 8:43:57 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:44:13 AM	Set CurveFit = fitQuadratic for compound Pyrene in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:44:14 AM	Set CurveFitOrigin = originInclude for compound Pyrene in all samples; previous value = originIgnore			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:44:16 AM	Set CurveFitWeight = weightOneOverX for compound Pyrene in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 8:44:21 AM	Quantitate all compounds in all samples			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:44:32 AM	Set CurveFit = fitQuadratic for compound Chrysene in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:44:34 AM	Set CurveFitOrigin = originInclude for compound Chrysene in all samples; previous value = originIgnore			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:44:36 AM	Set CurveFitWeight = weightOneOverX for compound Chrysene in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 8:44:41 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:44:51 AM	Set CurveFit = fitQuadratic for compound Benzo(b)fluoranthene in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:44:52 AM	Set CurveFitOrigin = originInclude for compound Benzo(b)fluoranthene in all samples; previous value = originIgnore			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:44:54 AM	Set CurveFitWeight = weightOneOverX for compound Benzo(b)fluoranthene in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 8:44:59 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:45:11 AM	Set CurveFit = fitQuadratic for compound Dibenzo(a,h)anthracene in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:45:15 AM	Set CurveFitWeight = weightOneOverX for compound Dibenzo(a,h)anthracene in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 8:45:20 AM	Quantitate all compounds in all samples			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\jheine	1/27/2022 8:47:13 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\Jan2624.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\Jan2623.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\Jan2622.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\Jan2621.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\Jan2620.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\Jan2619.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\Jan2618.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\Jan2617.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\Jan2616.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\Jan2615.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\Jan2614.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\Jan2613.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\Jan2612.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\Jan2611.D			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:47:36 AM	Set SampleType = Matrix for sample Jan2611.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:47:40 AM	Set SampleType = MatrixDup for sample Jan2612.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:47:44 AM	Set SampleType = Matrix for sample Jan2613.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:47:47 AM	Set SampleType = MatrixDup for sample Jan2614.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:47:50 AM	Set SampleType = Blank for sample Jan2615.D; previous value = Sample			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:47:54 AM	Set SampleType = Matrix for sample Jan2616.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:47:57 AM	Set SampleType = MatrixDup for sample Jan2617.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:48:05 AM	Set SampleType = CC for sample Jan2624.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:48:09 AM	Set LevelName = CCV for sample Jan2624.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:48:14 AM	Set MatrixSpikeGroup = MB-163072 for sample Jan2615.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:48:15 AM	Set MatrixSpikeGroup = MB-163072 for sample Jan2616.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:48:16 AM	Set MatrixSpikeGroup = MB-163072 for sample Jan2617.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:48:21 AM	Set MatrixSpikeGroup = 26-Jan-22_ISTBLK_10 for sample Jan2610.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:48:22 AM	Set MatrixSpikeGroup = 26-Jan-22_ISTBLK_10 for sample Jan2611.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:48:23 AM	Set MatrixSpikeGroup = 26-Jan-22_ISTBLK_10 for sample Jan2612.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:48:26 AM	Set MatrixSpikeGroup = 26-Jan-22_ISTBLK_10 for sample Jan2613.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:48:27 AM	Set MatrixSpikeGroup = 26-Jan-22_ISTBLK_10 for sample Jan2614.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:48:37 AM	Set SampleInformation = MatrixA for sample Jan2611.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:48:41 AM	Set SampleInformation = MatrixA for sample Jan2612.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:48:42 AM	Set SampleInformation = MatrixA for sample Jan2613.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:48:43 AM	Set SampleInformation = MatrixA for sample Jan2614.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:48:44 AM	Set SampleInformation = MatrixA for sample Jan2616.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 8:48:45 AM	Set SampleInformation = MatrixA for sample Jan2617.D; previous value =			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 8:48:55 AM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:49:10 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2610.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:49:16 AM	Manually integrate compound Acenaphthene in sample Jan2610.D, from x, y = 8.013, 90 to 8.138, 55, result = 20; previous integration is from x, y = 7.965, 55 to 8.138, 55 and previous response = 811.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:49:17 AM	Drop baseline for compound Acenaphthene in sample Jan2610.D to y = 55, new integration is from x, y = 8.013, 55 to 8.138, 55 and new response = 151; previous integration is from x, y = 8.013, 90 to 8.138, 55 and previous response = 20.			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:49:18 AM	Zero out primary peak of compound Acenaphthene in sample Jan2610.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:49:24 AM	Manually integrate compound Chrysene in sample Jan2610.D, from x, y = 14.739, 135 to 14.838, 150, result = -309; previous integration is from x, y = 14.642, 53 to 14.739, 55 and previous response = 1220.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:49:25 AM	Snap baseline for compound Chrysene in sample Jan2610.D, from x = 14.739 to x = 14.838, new integration is from x, y = 14.739, 105 to 14.838, 61 and new response = 48; previous integration is from x, y = 14.739, 135 to 14.838, 150 and previous response = -309.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:49:25 AM	Drop baseline for compound Chrysene in sample Jan2610.D to y = 61, new integration is from x, y = 14.739, 61 to 14.838, 61 and new response = 179; previous integration is from x, y = 14.739, 105 to 14.838, 61 and previous response = 48.			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:49:26 AM	Zero out primary peak of compound Chrysene in sample Jan2610.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:49:29 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2610.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:49:51 AM	Manually integrate compound Acenaphthene in sample Jan2611.D, from x, y = 8.013, 87 to 8.163, 56, result = 982; previous integration is from x, y = 7.951, 56 to 8.163, 56 and previous response = 1733.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:49:52 AM	Drop baseline for compound Acenaphthene in sample Jan2611.D to y = 56, new integration is from x, y = 8.013, 56 to 8.163, 56 and new response = 1122; previous integration is from x, y = 8.013, 87 to 8.163, 56 and previous response = 982.			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:50:06 AM	Manually integrate qualifier 139.0 of compound Dibenzo(a,h)anthracene in sample Jan2611.D, from x, y = 20.249, 67 to 20.353, 89, result = 127; previous integration is from x, y = 20.249, 67 to 20.447, 68 and previous response = 248.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:50:07 AM	Drop baseline for qualifier 139.0 of compound Dibenzo(a,h)anthracene in sample Jan2611.D to y = 67, new integration is from x, y = 20.249, 67 to 20.353, 67 and new response = 197; previous integration is from x, y = 20.249, 67 to 20.353, 89 and previous response = 127.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:50:13 AM	Set UserAnnotation = CO for compound Acenaphthene in sample Jan2611.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:50:37 AM	Manually integrate qualifier 142.0 of compound 2-Methylnaphthalene in sample Jan2611.D, from x, y = 6.753, 98 to 6.865, 198, result = 445; previous integration is from x, y = 6.753, 56 to 7.427, 56 and previous response = 2383.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:50:39 AM	Snap baseline for qualifier 142.0 of compound 2-Methylnaphthalene in sample Jan2611.D from x = 6.753 to x = 6.865, new integration is from x, y = 6.753, 81 to 6.865, 120 and new response = 763; previous integration is from x, y = 6.753, 98 to 6.865, 198 and previous response = 445.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:50:39 AM	Drop baseline for qualifier 142.0 of compound 2-Methylnaphthalene in sample Jan2611.D to y = 81, new integration is from x, y = 6.753, 81 to 6.865, 81 and new response = 894; previous integration is from x, y = 6.753, 81 to 6.865, 120 and previous response = 763.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:50:49 AM	Manually integrate compound 1-Methylnaphthalene in sample Jan2611.D, from x, y = 6.865, 125 to 6.990, 169, result = 202; previous integration is from x, y = 6.740, 62 to 6.865, 62 and previous response = 781.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:50:50 AM	Snap baseline for compound 1-Methylnaphthalene in sample Jan2611.D, from x = 6.865 to x = 6.990, new integration is from x, y = 6.865, 89 to 6.990, 70 and new response = 708; previous integration is from x, y = 6.865, 125 to 6.990, 169 and previous response = 202.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:50:51 AM	Drop baseline for compound 1-Methylnaphthalene in sample Jan2611.D to y = 70, new integration is from x, y = 6.865, 70 to 6.990, 70 and new response = 779; previous integration is from x, y = 6.865, 89 to 6.990, 70 and previous response = 708.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:50:56 AM	Manually integrate qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan2611.D from x, y = 6.865, 163 to 7.002, 200; result = 44			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:50:57 AM	Snap baseline for qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan2611.D from x = 6.865 to x = 7.002, new integration is from x, y = 6.865, 120 to 7.002, 80 and new response = 716; previous integration is from x, y = 6.865, 163 to 7.002, 200 and previous response = 44.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:50:57 AM	Drop baseline for qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan2611.D to y = 80, new integration is from x, y = 6.865, 80 to 7.002, 80 and new response = 880; previous integration is from x, y = 6.865, 120 to 7.002, 80 and previous response = 716.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:51:05 AM	Manually integrate qualifier 129.0 of compound Naphthalene in sample Jan2611.D, from x, y = 5.928, 70 to 6.026, 63, result = 113; previous integration is from x, y = 5.899, 63 to 6.026, 63 and previous response = 179.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:51:06 AM	Drop baseline for qualifier 129.0 of compound Naphthalene in sample Jan2611.D to y = 63, new integration is from x, y = 5.928, 63 to 6.026, 63 and new response = 135; previous integration is from x, y = 5.928, 70 to 6.026, 63 and previous response = 113.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:51:08 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2611.D, from x, y = 5.928, 249 to 6.003, 65, result = 179; previous integration is from x, y = 5.891, 63 to 6.003, 65 and previous response = 2950.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:51:10 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2611.D to y = 65, new integration is from x, y = 5.928, 65 to 6.003, 65 and new response = 592; previous integration is from x, y = 5.928, 249 to 6.003, 65 and previous response = 179.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:51:38 AM	Manually integrate compound Acenaphthene in sample Jan2612.D, from x, y = 8.013, 95 to 8.113, 56, result = 948; previous integration is from x, y = 7.966, 56 to 8.113, 56 and previous response = 1675.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:51:39 AM	Drop baseline for compound Acenaphthene in sample Jan2612.D to y = 56, new integration is from x, y = 8.013, 56 to 8.113, 56 and new response = 1065; previous integration is from x, y = 8.013, 95 to 8.113, 56 and previous response = 948.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:51:51 AM	Manually integrate compound Indeno(1,2,3-cd)pyrene in sample Jan2612.D, from x, y = 20.180, 53 to 20.266, 95, result = 756; previous integration is from x, y = 20.180, 53 to 20.451, 53 and previous response = 1352.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:51:53 AM	Drop baseline for compound Indeno(1,2,3-cd)pyrene in sample Jan2612.D to y = 53, new integration is from x, y = 20.180, 53 to 20.266, 53 and new response = 866; previous integration is from x, y = 20.180, 53 to 20.266, 95 and previous response = 756.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:51:54 AM	Set UserAnnotation = CO for compound Indeno(1,2,3-cd)pyrene in sample Jan2612.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:52:05 AM	Manually integrate qualifier 142.0 of compound 2-Methylnaphthalene in sample Jan2612.D, from x, y = 6.752, 105 to 6.865, 68, result = 840; previous integration is from x, y = 6.752, 56 to 7.389, 56 and previous response = 2314.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:52:06 AM	Snap baseline for qualifier 142.0 of compound 2-Methylnaphthalene in sample Jan2612.D from x = 6.752 to x = 6.865, new integration is from x, y = 6.752, 75 to 6.865, 121 and new response = 763; previous integration is from x, y = 6.752, 105 to 6.865, 68 and previous response = 840.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:52:07 AM	Drop baseline for qualifier 142.0 of compound 2-Methylnaphthalene in sample Jan2612.D to y = 75, new integration is from x, y = 6.752, 75 to 6.865, 75 and new response = 918; previous integration is from x, y = 6.752, 75 to 6.865, 121 and previous response = 763.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:52:18 AM	Manually integrate compound 1-Methylnaphthalene in sample Jan2612.D, from x, y = 6.865, 115 to 7.002, 126, result = 325; previous integration is from x, y = 6.752, 62 to 6.865, 62 and previous response = 753.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:52:19 AM	Snap baseline for compound 1-Methylnaphthalene in sample Jan2612.D, from x = 6.865 to x = 7.002, new integration is from x, y = 6.865, 86 to 7.002, 72 and new response = 668; previous integration is from x, y = 6.865, 115 to 7.002, 126 and previous response = 325.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:52:20 AM	Drop baseline for compound 1-Methylnaphthalene in sample Jan2612.D to y = 72, new integration is from x, y = 6.865, 72 to 7.002, 72 and new response = 725; previous integration is from x, y = 6.865, 86 to 7.002, 72 and previous response = 668.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:52:24 AM	Manually integrate qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan2612.D from x, y = 6.865, 148 to 7.002, 157; result = 258			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:52:25 AM	Snap baseline for qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan2612.D from x = 6.865 to x = 7.002, new integration is from x, y = 6.865, 121 to 7.002, 73 and new response = 713; previous integration is from x, y = 6.865, 148 to 7.002, 157 and previous response = 258.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:52:26 AM	Drop baseline for qualifier 142.0 of compound 1-Methylnaphthalene in sample Jan2612.D to y = 73, new integration is from x, y = 6.865, 73 to 7.002, 73 and new response = 911; previous integration is from x, y = 6.865, 121 to 7.002, 73 and previous response = 713.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:52:28 AM	Set UserAnnotation = CO for compound 1-Methylnaphthalene in sample Jan2612.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:52:35 AM	Manually integrate qualifier 129.0 of compound Naphthalene in sample Jan2612.D, from x, y = 5.928, 63 to 5.966, 65, result = 118; previous integration is from x, y = 5.891, 63 to 6.009, 63 and previous response = 183.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:52:36 AM	Drop baseline for qualifier 129.0 of compound Naphthalene in sample Jan2612.D to y = 63, new integration is from x, y = 5.928, 63 to 5.966, 63 and new response = 121; previous integration is from x, y = 5.928, 63 to 5.966, 65 and previous response = 118.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:52:39 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2612.D, from x, y = 5.928, 171 to 6.003, 64, result = 342; previous integration is from x, y = 5.891, 64 to 6.003, 64 and previous response = 2904.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:52:40 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2612.D to y = 64, new integration is from x, y = 5.928, 64 to 6.003, 64 and new response = 584; previous integration is from x, y = 5.928, 171 to 6.003, 64 and previous response = 342.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:53:15 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2613.D, from x, y = 5.928, 610 to 6.015, 68, result = 2560; previous integration is from x, y = 5.841, 68 to 6.015, 68 and previous response = 7577.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:53:16 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2613.D to y = 68, new integration is from x, y = 5.928, 68 to 6.015, 68 and new response = 3980; previous integration is from x, y = 5.928, 610 to 6.015, 68 and previous response = 2560.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:53:28 AM	Split qualifier 167.0 of compound Fluorene in sample Jan2613.D and keep left peak, new integration is from x, y = 8.624, 61.6261904761905 to 8.785, 61.6261904761905 and new response = 3654, previous integration is from x, y = 8.624, 62 to 8.948, 62 and previous response = 10359.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:54:08 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2614.D, from x, y = 5.928, 413 to 6.066, 79, result = 1821; previous integration is from x, y = 5.891, 77 to 6.066, 79 and previous response = 6361.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:54:09 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2614.D to y = 79, new integration is from x, y = 5.928, 79 to 6.066, 79 and new response = 3197; previous integration is from x, y = 5.928, 413 to 6.066, 79 and previous response = 1821.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 8:54:15 AM	Split peak for compound 1-Methylnaphthalene in sample Jan2614.D and keep left peak, new integration is from x, y = 6.852, 62.2216666666667 to 6.940, 62.2216666666667 and new response = 11671, previous integration is from x, y = 6.852, 62 to 7.040, 62 and previous response = 12556.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:54:25 AM	Manually integrate compound Acenaphthene in sample Jan2614.D, from x, y = 8.013, 2919 to 8.113, 68, result = 8754; previous integration is from x, y = 7.976, 68 to 8.113, 68 and previous response = 17790.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:54:27 AM	Drop baseline for compound Acenaphthene in sample Jan2614.D to y = 68, new integration is from x, y = 8.013, 68 to 8.113, 68 and new response = 17280; previous integration is from x, y = 8.013, 2919 to 8.113, 68 and previous response = 8754.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:54:29 AM	Set UserAnnotation = CO for compound Acenaphthene in sample Jan2614.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 8:54:33 AM	Set UserAnnotation = CO for compound 1-Methylnaphthalene in sample Jan2614.D; previous value =			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:55:26 AM	Zero out primary peak of compound Fluorene in sample Jan2615.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:55:29 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2615.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:55:34 AM	Manually integrate compound Acenaphthene in sample Jan2615.D, from x, y = 8.013, 80 to 8.138, 59, result = 44; previous integration is from x, y = 7.951, 59 to 8.138, 59 and previous response = 992.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:55:35 AM	Drop baseline for compound Acenaphthene in sample Jan2615.D to y = 59, new integration is from x, y = 8.013, 59 to 8.138, 59 and new response = 123; previous integration is from x, y = 8.013, 80 to 8.138, 59 and previous response = 44.			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:55:36 AM	Zero out primary peak of compound Acenaphthene in sample Jan2615.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:55:39 AM	Zero out primary peak of compound Chrysene in sample Jan2615.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:55:40 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2615.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:55:54 AM	Manually integrate qualifier 129.0 of compound Naphthalene in sample Jan2616.D from x, y = 5.903, 167 to 5.978, 440; result = 1407			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:55:56 AM	Snap baseline for qualifier 129.0 of compound Naphthalene in sample Jan2616.D from x = 5.903 to x = 5.978, new integration is from x, y = 5.903, 76 to 5.978, 98 and new response = 2380; previous integration is from x, y = 5.903, 167 to 5.978, 440 and previous response = 1407.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:55:56 AM	Drop baseline for qualifier 129.0 of compound Naphthalene in sample Jan2616.D to y = 76, new integration is from x, y = 5.903, 76 to 5.978, 76 and new response = 2430; previous integration is from x, y = 5.903, 76 to 5.978, 98 and previous response = 2380.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:56:00 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2616.D, from x, y = 5.928, 523 to 6.066, 79, result = 1870; previous integration is from x, y = 5.891, 78 to 6.066, 79 and previous response = 8713.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:56:01 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2616.D to y = 79, new integration is from x, y = 5.928, 79 to 6.066, 79 and new response = 3699; previous integration is from x, y = 5.928, 523 to 6.066, 79 and previous response = 1870.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:56:49 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2617.D, from x, y = 5.928, 674 to 6.066, 85, result = 1254; previous integration is from x, y = 5.891, 84 to 6.066, 85 and previous response = 8251.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:56:51 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2617.D to y = 85, new integration is from x, y = 5.928, 85 to 6.066, 85 and new response = 3682; previous integration is from x, y = 5.928, 674 to 6.066, 85 and previous response = 1254.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 8:57:36 AM	Manually integrate qualifier 277.0 of compound Benzo(g,h,i)perylene in sample Jan2617.D, from x, y = 20.501, 900 to 20.625, 1286, result = 5371; previous integration is from x, y = 20.508, 623 to 20.583, 584 and previous response = 9555.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:57:38 AM	Snap baseline for qualifier 277.0 of compound Benzo(g,h,i)perylene in sample Jan2617.D from x = 20.501 to x = 20.625, new integration is from x, y = 20.501, 106 to 20.625, 258 and new response = 12124; previous integration is from x, y = 20.501, 900 to 20.625, 1286 and previous response = 5371.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:57:39 AM	Drop baseline for qualifier 277.0 of compound Benzo(g,h,i)perylene in sample Jan2617.D to y = 106, new integration is from x, y = 20.501, 106 to 20.625, 106 and new response = 12688; previous integration is from x, y = 20.501, 106 to 20.625, 258 and previous response = 12124.			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:57:56 AM	Zero out primary peak of compound Fluorene in sample Jan2618.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:57:59 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2618.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:58:06 AM	Manually integrate compound Acenaphthene in sample Jan2618.D, from x, y = 8.013, 155 to 8.050, 173, result = -134; previous integration is from x, y = 7.953, 62 to 8.138, 62 and previous response = 1129.			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateS napBaseline	BL2000\jheine	1/27/2022 8:58:08 AM	Snap baseline for compound Acenaphthene in sample Jan2618.D, from x = 8.013 to x = 8.050, new integration is from x, y = 8.013, 124 to 8.050, 69 and new response = 17; previous integration is from x, y = 8.013, 155 to 8.050, 173 and previous response = -134.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\jheine	1/27/2022 8:58:08 AM	Drop baseline for compound Acenaphthene in sample Jan2618.D to y = 69, new integration is from x, y = 8.013, 69 to 8.050, 69 and new response = 79; previous integration is from x, y = 8.013, 124 to 8.050, 69 and previous response = 17.			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:58:10 AM	Zero out primary peak of compound Acenaphthene in sample Jan2618.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:58:14 AM	Zero out primary peak of compound Chrysene in sample Jan2618.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:58:16 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2618.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:58:25 AM	Zero out primary peak of compound Fluorene in sample Jan2619.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:58:27 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2619.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:58:29 AM	Zero out primary peak of compound Acenaphthene in sample Jan2619.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:58:30 AM	Zero out primary peak of compound Chrysene in sample Jan2619.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:58:31 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2619.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:58:40 AM	Zero out primary peak of compound Fluorene in sample Jan2620.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:58:43 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2620.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:58:45 AM	Zero out primary peak of compound Acenaphthene in sample Jan2620.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:58:46 AM	Zero out primary peak of compound Chrysene in sample Jan2620.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:58:48 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2620.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:58:55 AM	Zero out primary peak of compound Fluorene in sample Jan2621.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:58:58 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2621.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:59:01 AM	Zero out primary peak of compound Acenaphthene in sample Jan2621.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:59:04 AM	Zero out primary peak of compound Chrysene in sample Jan2621.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:59:06 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2621.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:59:15 AM	Zero out primary peak of compound Fluorene in sample Jan2622.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:59:21 AM	Manually integrate compound Benzo(a)pyrene in sample Jan2622.D, from x, y = 18.326, 116 to 18.413, 176, result = -336; previous integration is from x, y = 18.423, 65 to 18.623, 66 and previous response = 1421.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 8:59:22 AM	Snap baseline for compound Benzo(a)pyrene in sample Jan2622.D, from x = 18.326 to x = 18.413, new integration is from x, y = 18.326, 59 to 18.413, 63 and new response = 105; previous integration is from x, y = 18.326, 116 to 18.413, 176 and previous response = -336.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:59:23 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan2622.D to y = 59, new integration is from x, y = 18.326, 59 to 18.413, 59 and new response = 115; previous integration is from x, y = 18.326, 59 to 18.413, 63 and previous response = 105.			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:59:24 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2622.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:59:28 AM	Zero out primary peak of compound Acenaphthene in sample Jan2622.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:59:30 AM	Zero out primary peak of compound Chrysene in sample Jan2622.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:59:31 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2622.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:59:42 AM	Zero out primary peak of compound Fluorene in sample Jan2623.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:59:45 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan2623.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:59:47 AM	Zero out primary peak of compound Acenaphthene in sample Jan2623.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 8:59:53 AM	Manually integrate compound Chrysene in sample Jan2623.D, from x, y = 14.739, 80 to 14.838, 60, result = 186; previous integration is from x, y = 14.614, 60 to 14.838, 60 and previous response = 2019.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 8:59:54 AM	Drop baseline for compound Chrysene in sample Jan2623.D to y = 60, new integration is from x, y = 14.739, 60 to 14.838, 60 and new response = 247; previous integration is from x, y = 14.739, 80 to 14.838, 60 and previous response = 186.			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:59:55 AM	Zero out primary peak of compound Chrysene in sample Jan2623.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 8:59:59 AM	Zero out primary peak of compound Indeno(1,2,3-cd)pyrene in sample Jan2623.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 9:00:06 AM	Manually integrate compound Indeno(1,2,3-cd)pyrene in sample Jan2623.D, from x, y = 20.180, 66 to 20.254, 74, result = 282; previous integration is from x, y = 20.217, 0 to 20.217, 0 and previous response = 0.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 9:00:08 AM	Drop baseline for compound Indeno(1,2,3-cd)pyrene in sample Jan2623.D to y = 66, new integration is from x, y = 20.180, 66 to 20.254, 66 and new response = 299; previous integration is from x, y = 20.180, 66 to 20.254, 74 and previous response = 282.			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 9:00:09 AM	Zero out primary peak of compound Indeno(1,2,3-cd)pyrene in sample Jan2623.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 9:00:12 AM	Zero out primary peak of compound Dibenzo(a,h)anthracene in sample Jan2623.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 9:00:22 AM	Manually integrate compound Benzo(g,h,i)perylene in sample Jan2623.D, from x, y = 20.513, 66 to 20.625, 65, result = 369; previous integration is from x, y = 20.686, 67 to 20.809, 68 and previous response = 433.			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 9:00:23 AM	Zero out primary peak of compound Benzo(g,h,i)perylene in sample Jan2623.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 9:01:07 AM	Manually integrate compound Pyrene in sample Jan2623.D, from x, y = 11.736, 68 to 11.806, 84, result = 109; previous integration is from x, y = 11.736, 68 to 12.004, 68 and previous response = 663.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 9:01:08 AM	Drop baseline for compound Pyrene in sample Jan2623.D to y = 68, new integration is from x, y = 11.736, 68 to 11.806, 68 and new response = 142; previous integration is from x, y = 11.736, 68 to 11.806, 84 and previous response = 109.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\jheine	1/27/2022 9:01:09 AM	Zero out primary peak of compound Pyrene in sample Jan2623.D			✓	
CmdZeroOutPeak	BL2000\jheine	1/27/2022 9:01:14 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan2623.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 9:01:33 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan2624.D, from x, y = 5.928, 2058 to 6.028, 1887, result = -8389; previous integration is from x, y = 5.866, 76 to 6.128, 76 and previous response = 6755.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 9:01:34 AM	Snap baseline for qualifier 102.0 of compound Naphthalene in sample Jan2624.D from x = 5.928 to x = 6.028, new integration is from x, y = 5.928, 1147 to 6.028, 105 and new response = -316; previous integration is from x, y = 5.928, 2058 to 6.028, 1887 and previous response = -8389.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 9:01:35 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan2624.D to y = 105, new integration is from x, y = 5.928, 105 to 6.028, 105 and new response = 2807; previous integration is from x, y = 5.928, 1147 to 6.028, 105 and previous response = -316.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/27/2022 9:01:43 AM	Split peak for compound 1-Methylnaphthalene in sample Jan2624.D and keep left peak, new integration is from x, y = 6.852, 72.9672341161231 to 6.940, 73.3335222793646 and new response = 8650, previous integration is from x, y = 6.852, 73 to 7.040, 74 and previous response = 9351.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/27/2022 9:01:55 AM	Manually integrate qualifier 165.0 of compound Fluorene in sample Jan2624.D from x, y = 8.636, 1247 to 8.736, 2195; result = 3642			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	1/27/2022 9:01:57 AM	Snap baseline for qualifier 165.0 of compound Fluorene in sample Jan2624.D from x = 8.636 to x = 8.736, new integration is from x, y = 8.636, 105 to 8.736, 197 and new response = 13034; previous integration is from x, y = 8.636, 1247 to 8.736, 2195 and previous response = 3642.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 9:01:57 AM	Drop baseline for qualifier 165.0 of compound Fluorene in sample Jan2624.D to y = 105, new integration is from x, y = 8.636, 105 to 8.736, 105 and new response = 13309; previous integration is from x, y = 8.636, 105 to 8.736, 197 and previous response = 13034.			✓	
CmdSaveBatchTable	BL2000\jheine	1/27/2022 9:02:27 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:02:36 AM	Set SampleApproved = True for sample Jan2601.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:02:37 AM	Set SampleApproved = True for sample Jan2602.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:02:43 AM	Set SampleApproved = True for sample Jan2603.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:02:44 AM	Set SampleApproved = True for sample Jan2604.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:02:45 AM	Set SampleApproved = True for sample Jan2605.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:02:47 AM	Set SampleApproved = True for sample Jan2606.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:02:47 AM	Set SampleApproved = True for sample Jan2607.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:02:48 AM	Set SampleApproved = True for sample Jan2608.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:02:49 AM	Set SampleApproved = True for sample Jan2609.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:02:50 AM	Set SampleApproved = True for sample Jan2610.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:02:51 AM	Set SampleApproved = True for sample Jan2611.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:02:53 AM	Set SampleApproved = True for sample Jan2612.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:02:54 AM	Set SampleApproved = True for sample Jan2613.D; previous value = False			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:02:56 AM	Set SampleApproved = True for sample Jan2614.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:02:57 AM	Set SampleApproved = True for sample Jan2615.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:02:58 AM	Set SampleApproved = True for sample Jan2616.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:02:59 AM	Set SampleApproved = True for sample Jan2617.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:03:03 AM	Set SampleApproved = True for sample Jan2618.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:03:04 AM	Set SampleApproved = True for sample Jan2619.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:03:06 AM	Set SampleApproved = True for sample Jan2620.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:03:07 AM	Set SampleApproved = True for sample Jan2621.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:03:08 AM	Set SampleApproved = True for sample Jan2622.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:03:09 AM	Set SampleApproved = True for sample Jan2623.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	1/27/2022 9:03:10 AM	Set SampleApproved = True for sample Jan2624.D; previous value = False			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 9:04:37 AM	Quantitate compound 1-Methylnaphthalene in sample Jan2624.D			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 9:04:47 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\jheine	1/27/2022 9:05:09 AM	Manually integrate compound 1-Methylnaphthalene in sample Jan2614.D, from x, y = 6.852, 62 to 6.952, 174, result = 11507; previous integration is from x, y = 6.852, 62 to 6.940, 62 and previous response = 11671.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/27/2022 9:05:12 AM	Drop baseline for compound 1-Methylnaphthalene in sample Jan2614.D to y = 62, new integration is from x, y = 6.852, 62 to 6.952, 62 and new response = 11841; previous integration is from x, y = 6.852, 62 to 6.952, 174 and previous response = 11507.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\jheine	1/27/2022 9:05:13 AM	Set UserAnnotation = CO for compound 1-Methylnaphthalene in sample Jan2614.D; previous value = CO			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 9:05:24 AM	Quantitate all compounds in sample Jan2614.D			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 9:05:29 AM	Quantitate all compounds in sample Jan2614.D			✓	
CmdQuantitate	BL2000\jheine	1/27/2022 9:05:38 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\jheine	1/27/2022 9:06:15 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\QuantResults\012622 bna SIM 1.batch.bin			✓	
CmdOpenBatchTable	BL2000\jheine	2/10/2022 2:07:34 PM	Open batch \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\012622 bna SIM 1.batch.bin			✓	
GenerateReport	BL2000\jheine	2/10/2022 2:09:48 PM	Generates report - Method: D:\Org\reports\GCMSSSEMI Report Templates\Calibration\Gen_Calibration. m, Output Path: \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\QuantReports\			✓	
GenerateReport	BL2000\jheine	2/10/2022 2:11:43 PM	Generates report - Method: D:\Org\reports\GCMSSSEMI Report Templates\Calibration\init_cal_rpt.m, Output Path: \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\QuantReports\			✓	
GenerateReport	BL2000\jheine	2/10/2022 2:13:07 PM	Generates report - Method: D:\Org\reports\GCMSSSEMI Report Templates\Calibration\Gen_ResultsSu mmmary.m, Output Path: \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\QuantReports\			✓	
GenerateReport	BL2000\jheine	2/10/2022 2:23:30 PM	Generates report - Method: D:\Org\reports\GCMSSSEMI Report Templates\Calibration\Env_QuantResul ts_wGraphics+Chromatogram.m, Output Path: \\MASSHUNTER\Org\Data\SV5975.I\sh 012622\1 e8270c bna SIM cal\QuantReports\			✓	

# Energy Laboratories Inc

# ANALYTICAL RUN Summary

24-Feb-22

Run ID SV5975.I\_220131B

Run Start Date: 1/31/2022
Analyst: John P. Heine
Ical:
Column ID: ZB-SemiVolatiles
Comments:

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
dcmsvoc13	DCM						11/17/2022
sv100506	BNA low 50 ug/mL	8	ul	192	ul	CCV	3/31/2022
sv100703	BNA Internals 2000 ug/mL	2	ul	100	ul	SAMP	5/31/2022
sv100801	BNA 2nd source 200ug/mL	2	ul	198	ul	ICV	10/1/2022
sv83311	DFTPP 1000 ug/mL	50	ul	50	ul	TUNE	10/31/2022

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009638	Jan3108_D_TU	SVOC-8270-DF	TUNE	v5975.I\sh0131221	3/31/2022 3:49:0	1	R373993		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
127, % of mass 198	A	%	48.5	48.5		100	0	0	0	0.01	0	49%	40	60	0%	
197, % of mass 198	A	%	0	0		100	0	0	0	0.01	0	0%	0	0.99	0%	
198, Base Peak	A	%	100	100		100	0	0	0	0.01	0	100%	100	100	0%	
199, % of mass 198	A	%	7.1	7.1		100	0	0	0	0.01	0	7%	5	9	0%	
275, % of mass 198	A	%	29.6	29.6		100	0	0	0	0.01	0	30%	10	30	0%	
365, % of mass 198	A	%	3.8	3.8		100	0	0	0	0.01	0	4%	1	99.99	0%	
441, % of mass 443	A	%	90.1	90.1		100	0	0	0	0.01	0	90%	0.01	150	0%	
442, % of mass 198	A	%	54.3	54.3		100	0	0	0	0.01	0	54%	40	100	0%	
443, % of mass 442	A	%	18.9	18.9		100	0	0	0	0.01	0	19%	17	23	0%	
51, % of mass 198	A	%	52	52		100	0	0	0	0.01	0	52%	30	60	0%	
68, % of mass 69	A	%	0	0		100	0	0	0	0.01	0	0%	0	1.99	0%	
70, % of mass 69	A	%	0.7	0.7		100	0	0	0	0.01	0	1%	0	1.99	0%	



Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009640	31-Jan-22_CC	SVOC-8270C-SI	CCV	V5975.I\sh0131221	31/2022 4:14:5	1	R373993		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	2.36885	2.36885		2	0	0	0.0206	0.1	10	118%	80	120	0%	
2-Methylnaphthalene	A	ug/L	2.15213	2.15213		2	0	0	0.0176	0.1	10	108%	80	120	0%	
Acenaphthene	A	ug/L	1.88927	1.88927		2	0	0	0.0317	0.1	10	94%	80	120	0%	
Acenaphthylene	A	ug/L	2.11643	2.11643		2	0	0	0.025	0.1	10	106%	80	120	0%	
Anthracene	A	ug/L	2.1455	2.1455		2	0	0	0.0283	0.1	10	107%	80	120	0%	
Benzo(a)anthracene	A	ug/L	2.29398	2.29398		2	0	0	0.0272	0.1	10	115%	80	120	0%	
Benzo(a)pyrene	A	ug/L	2.20788	2.20788		2	0	0	0.0347	0.1	10	110%	80	120	0%	
Benzo(b)fluoranthene	A	ug/L	1.96313	1.96313		2	0	0	0.0226	0.1	10	98%	80	120	0%	
Benzo(g,h,i)perylene	A	ug/L	1.91693	1.91693		2	0	0	0.0267	0.1	10	96%	80	120	0%	
Benzo(k)fluoranthene	A	ug/L	1.97696	1.97696		2	0	0	0.0295	0.1	10	99%	80	120	0%	
Chrysene	A	ug/L	2.00113	2.00113		2	0	0	0.0458	0.1	10	100%	80	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	2.10305	2.10305		2	0	0	0.0367	0.1	10	105%	80	120	0%	
Fluoranthene	A	ug/L	1.97824	1.97824		2	0	0	0.0233	0.1	10	99%	80	120	0%	
Fluorene	A	ug/L	2.01881	2.01881		2	0	0	0.0225	0.1	10	101%	80	120	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	2.23948	2.23948		2	0	0	0.0491	0.1	10	112%	80	120	0%	
Naphthalene	A	ug/L	2.15486	2.15486		2	0	0	0.029	0.1	10	108%	80	120	0%	
Phenanthrene	A	ug/L	2.02363	2.02363		2	0	0	0.0295	0.1	10	101%	80	120	0%	
Pyrene	A	ug/L	2.09672	2.09672		2	0	0	0.0239	0.1	10	105%	80	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	80	120	0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%	80	120	0%	
2-Fluorobiphenyl	S	ug/L	2.18394	2.18394		2	0	0	0.0444	0.1	10	109%	80	120	0%	
Nitrobenzene-d5	S	ug/L	1.97192	1.97192		2	0	0	0.0523	0.1	10	99%	80	120	0%	
Terphenyl-d14	S	ug/L	2.0849	2.0849		2	0	0	0.0563	0.1	10	104%	80	120	0%	
o-Terphenyl	X	ug/L	1.99777	1.99777		2	0	0	0.0654	0	0	100%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009641	31-Jan-22_ISTB	SVOC-8270C-SI	SAMP	V5975.I\sh0131221	31/2022 4:47:1	1	R373993		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009641	31-Jan-22_ISTB	SVOC-8270C-SI SAMP		V5975.I\sh0131221/31/2022	4:47:1	1	R373993		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0206	0.1	10	0%	0	0	0%	
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0176	0.1	10	0%	0	0	0%	
Acenaphthene	A	ug/L	0	0		0	0	0	0.0317	0.1	10	0%	0	0	0%	
Acenaphthylene	A	ug/L	0	0		0	0	0	0.025	0.1	10	0%	0	0	0%	
Anthracene	A	ug/L	0	0		0	0	0	0.0283	0.1	10	0%	0	0	0%	
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0272	0.1	10	0%	0	0	0%	
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0347	0.1	10	0%	0	0	0%	
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0226	0.1	10	0%	0	0	0%	
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0267	0.1	10	0%	0	0	0%	
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	
Chrysene	A	ug/L	0	0		0	0	0	0.0458	0.1	10	0%	0	0	0%	
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0367	0.1	10	0%	0	0	0%	
Fluoranthene	A	ug/L	0	0		0	0	0	0.0233	0.1	10	0%	0	0	0%	
Fluorene	A	ug/L	0	0		0	0	0	0.0225	0.1	10	0%	0	0	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0491	0.1	10	0%	0	0	0%	
Naphthalene	A	ug/L	0	0		0	0	0	0.029	0.1	10	0%	0	0	0%	
Phenanthrene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	
Pyrene	A	ug/L	0	0		0	0	0	0.0239	0.1	10	0%	0	0	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%	0	0	0%	E
2-Fluorobiphenyl	S	ug/L	0	0		5	0	0	0.0444	0.1	10	0%	25	94	0%	S
Nitrobenzene-d5	S	ug/L	0	0		5	0	0	0.0523	0.1	10	0%	19	102	0%	S
Terphenyl-d14	S	ug/L	0	0		5	0	0	0.0563	0.1	10	0%	39	106	0%	S
o-Terphenyl	X	ug/L	0	0		200	0	0	0.0654	0	0	0%	40	140	0%	S

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009642	LLCS-162956	SVOC-8270C-SI LCS-DOD		V5975.I\sh0131221/31/2022	5:19:5	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009642	LLCS-162956	SVOC-8270C-SI	LCS-DOD	V5975.I\sh0131221/31/2022	5:19:5	1	162956	1/14/2022 2:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	3.95886	3.95886		5	0	0	0.0206	0.1	10	79%	41	115	0%	
2-Methylnaphthalene	A	ug/L	4.0552	4.0552		5	0	0	0.0176	0.1	10	81%	39	114	0%	
Acenaphthene	A	ug/L	4.85115	4.85115		5	0	0	0.0317	0.1	10	97%	48	114	0%	
Acenaphthylene	A	ug/L	4.82295	4.82295		5	0	0	0.025	0.1	10	96%	35	121	0%	
Anthracene	A	ug/L	5.72795	5.72795		5	0	0	0.0283	0.1	10	115%	53	119	0%	
Benzo(a)anthracene	A	ug/L	6.01652	6.01652		5	0	0	0.0272	0.1	10	120%	59	120	0%	
Benzo(a)pyrene	A	ug/L	5.58943	5.58943		5	0	0	0.0347	0.1	10	112%	53	120	0%	
Benzo(b)fluoranthene	A	ug/L	5.68093	5.68093		5	0	0	0.0226	0.1	10	114%	53	126	0%	
Benzo(g,h,i)perylene	A	ug/L	5.63945	5.63945		5	0	0	0.0267	0.1	10	113%	44	128	0%	
Benzo(k)fluoranthene	A	ug/L	5.4153	5.4153		5	0	0	0.0295	0.1	10	108%	54	125	0%	
Chrysene	A	ug/L	5.72043	5.72043		5	0	0	0.0458	0.1	10	114%	57	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	5.93365	5.93365		5	0	0	0.0367	0.1	10	119%	44	141	0%	
Fluoranthene	A	ug/L	5.52937	5.52937		5	0	0	0.0233	0.1	10	111%	58	120	0%	
Fluorene	A	ug/L	4.73754	4.73754		5	0	0	0.0225	0.1	10	95%	50	118	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	5.7279	5.7279		5	0	0	0.0491	0.1	10	115%	48	130	0%	
Naphthalene	A	ug/L	3.88611	3.88611		5	0	0	0.029	0.1	10	78%	43	114	0%	
Phenanthrene	A	ug/L	5.22257	5.22257		5	0	0	0.0295	0.1	10	104%	53	115	0%	
Pyrene	A	ug/L	5.54566	5.54566		5	0	0	0.0239	0.1	10	111%	53	121	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%			0%	
2-Fluorobiphenyl	S	ug/L	4.96281	4.96281		5	0	0	0.0444	0.1	10	99%	53	106	0%	
Nitrobenzene-d5	S	ug/L	4.80763	4.80763		5	0	0	0.0523	0.1	10	96%	55	111	0%	
Terphenyl-d14	S	ug/L	5.85036	5.85036		5	0	0	0.0563	0.1	10	117%	58	132	0%	
o-Terphenyl	X	ug/L	5.13552	5.13552		5	0	0	0.0654	0	0	103%	40	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009643	LLCSD-162956	SVOC-8270C-SI	LCS-DOD	V5975.I\sh0131221/31/2022	5:52:3	1	162956	1/14/2022 2:	0	2E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009643	LLCSD-162956	SVOC-8270C-SI	LCSD-DOD	V5975.I\sh0131221	31/2022 5:52:3	1	162956	1/14/2022 2:	0	2E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	3.79399	3.79399		5	0	3.95886	0.0206	0.1	10	76%	41	115	4%	
2-Methylnaphthalene	A	ug/L	3.9297	3.9297		5	0	4.0552	0.0176	0.1	10	79%	39	114	3%	
Acenaphthene	A	ug/L	4.42244	4.42244		5	0	4.85115	0.0317	0.1	10	88%	48	114	9%	
Acenaphthylene	A	ug/L	4.36446	4.36446		5	0	4.82295	0.025	0.1	10	87%	35	121	10%	
Anthracene	A	ug/L	5.91455	5.91455		5	0	5.72795	0.0283	0.1	10	118%	53	119	3%	
Benzo(a)anthracene	A	ug/L	5.72969	5.72969		5	0	6.01652	0.0272	0.1	10	115%	59	120	5%	
Benzo(a)pyrene	A	ug/L	5.54994	5.54994		5	0	5.58943	0.0347	0.1	10	111%	53	120	1%	
Benzo(b)fluoranthene	A	ug/L	5.6289	5.6289		5	0	5.68093	0.0226	0.1	10	113%	53	126	1%	
Benzo(g,h,i)perylene	A	ug/L	5.62575	5.62575		5	0	5.63945	0.0267	0.1	10	113%	44	128	0%	
Benzo(k)fluoranthene	A	ug/L	5.42271	5.42271		5	0	5.4153	0.0295	0.1	10	108%	54	125	0%	
Chrysene	A	ug/L	5.57925	5.57925		5	0	5.72043	0.0458	0.1	10	112%	57	120	2%	
Dibenzo(a,h)anthracene	A	ug/L	5.88432	5.88432		5	0	5.93365	0.0367	0.1	10	118%	44	141	1%	
Fluoranthene	A	ug/L	5.76778	5.76778		5	0	5.52937	0.0233	0.1	10	115%	58	120	4%	
Fluorene	A	ug/L	4.58932	4.58932		5	0	4.73754	0.0225	0.1	10	92%	50	118	3%	
Indeno(1,2,3-cd)pyrene	A	ug/L	5.73601	5.73601		5	0	5.7279	0.0491	0.1	10	115%	48	130	0%	
Naphthalene	A	ug/L	3.65374	3.65374		5	0	3.88611	0.029	0.1	10	73%	43	114	6%	
Phenanthrene	A	ug/L	5.35006	5.35006		5	0	5.22257	0.0295	0.1	10	107%	53	115	2%	
Pyrene	A	ug/L	5.30881	5.30881		5	0	5.54566	0.0239	0.1	10	106%	53	121	4%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%			0%	
2-Fluorobiphenyl	S	ug/L	5.70078	5.70078		5	0	0	0.0444	0.1	10	114%	53	106	0%	S
Nitrobenzene-d5	S	ug/L	5.37012	5.37012		5	0	0	0.0523	0.1	10	107%	55	111	0%	
Terphenyl-d14	S	ug/L	6.79013	6.79013		5	0	0	0.0563	0.1	10	136%	58	132	0%	S
o-Terphenyl	X	ug/L	5.38721	5.38721		5	0	5.13552	0.0654	0	0	108%	40	140	5%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009644	B22011137-001	SVOC-8270C-SI	SAMP	V5975.I\sh0131221	31/2022 6:25:1	10	163072	1/20/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009644	B22011137-001	SVOC-8270C-SI SAMP		V5975.I\sh0131221	31/2022 6:25:1	10	163072	1/20/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	3.98506	39.053588		0	0	0	0.20188	0.98	10	0%	0	0	0%	
2-Methylnaphthalene	A	ug/L	2.38952	23.417296		0	0	0	0.17248	0.98	10	0%	0	0	0%	
Naphthalene	A	ug/L	2.55429	25.032042		0	0	0	0.2842	0.98	10	0%	0	0	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009645	MB-163174	SVOC-8270C-SI MBLK		V5975.I\sh0131221	31/2022 6:57:4	1	163174	1/24/2022 1	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0206	0.1	10	0%			0%	
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0176	0.1	10	0%			0%	
Acenaphthene	A	ug/L	0	0		0	0	0	0.0317	0.1	10	0%			0%	
Acenaphthylene	A	ug/L	0	0		0	0	0	0.025	0.1	10	0%			0%	
Anthracene	A	ug/L	0	0		0	0	0	0.0283	0.1	10	0%			0%	
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0272	0.1	10	0%			0%	
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0347	0.1	10	0%			0%	
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0226	0.1	10	0%			0%	
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0267	0.1	10	0%			0%	
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%			0%	
Chrysene	A	ug/L	0	0		0	0	0	0.0458	0.1	10	0%			0%	
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0367	0.1	10	0%			0%	
Fluoranthene	A	ug/L	0	0		0	0	0	0.0233	0.1	10	0%			0%	
Fluorene	A	ug/L	0	0		0	0	0	0.0225	0.1	10	0%			0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0491	0.1	10	0%			0%	
Naphthalene	A	ug/L	0	0		0	0	0	0.029	0.1	10	0%			0%	
Phenanthrene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%			0%	
Pyrene	A	ug/L	0	0		0	0	0	0.0239	0.1	10	0%			0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%			0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009646	LLCS-163174	SVOC-8270C-SI	LCS-DOD	V5975.I\sh0131221	2022 7:30:2	1	163174	1/24/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	3.45276	3.45276		5	0	0	0.0206	0.1	10	69%	41	115	0%	
2-Methylnaphthalene	A	ug/L	3.50119	3.50119		5	0	0	0.0176	0.1	10	70%	39	114	0%	
Acenaphthene	A	ug/L	4.31571	4.31571		5	0	0	0.0317	0.1	10	86%	48	114	0%	
Acenaphthylene	A	ug/L	4.23741	4.23741		5	0	0	0.025	0.1	10	85%	35	121	0%	
Anthracene	A	ug/L	5.0258	5.0258		5	0	0	0.0283	0.1	10	101%	53	119	0%	
Benzo(a)anthracene	A	ug/L	5.36258	5.36258		5	0	0	0.0272	0.1	10	107%	59	120	0%	
Benzo(a)pyrene	A	ug/L	5.05626	5.05626		5	0	0	0.0347	0.1	10	101%	53	120	0%	
Benzo(b)fluoranthene	A	ug/L	5.05129	5.05129		5	0	0	0.0226	0.1	10	101%	53	126	0%	
Benzo(g,h,i)perylene	A	ug/L	4.92896	4.92896		5	0	0	0.0267	0.1	10	99%	44	128	0%	
Benzo(k)fluoranthene	A	ug/L	4.81647	4.81647		5	0	0	0.0295	0.1	10	96%	54	125	0%	
Chrysene	A	ug/L	5.14921	5.14921		5	0	0	0.0458	0.1	10	103%	57	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	5.19942	5.19942		5	0	0	0.0367	0.1	10	104%	44	141	0%	
Fluoranthene	A	ug/L	4.97996	4.97996		5	0	0	0.0233	0.1	10	100%	58	120	0%	
Fluorene	A	ug/L	4.53971	4.53971		5	0	0	0.0225	0.1	10	91%	50	118	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	5.17926	5.17926		5	0	0	0.0491	0.1	10	104%	48	130	0%	
Naphthalene	A	ug/L	3.23427	3.23427		5	0	0	0.029	0.1	10	65%	43	114	0%	
Phenanthrene	A	ug/L	4.69508	4.69508		5	0	0	0.0295	0.1	10	94%	53	115	0%	
Pyrene	A	ug/L	4.68679	4.68679		5	0	0	0.0239	0.1	10	94%	53	121	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%			0%	
2-Fluorobiphenyl	S	ug/L	4.22712	4.22712		5	0	0	0.0444	0.1	10	85%	53	106	0%	
Nitrobenzene-d5	S	ug/L	3.66746	3.66746		5	0	0	0.0523	0.1	10	73%	55	111	0%	
Terphenyl-d14	S	ug/L	5.01882	5.01882		5	0	0	0.0563	0.1	10	100%	58	132	0%	
o-Terphenyl	X	ug/L	4.79082	4.79082		5	0	0	0.0654	0	0	96%	40	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009647	LLCSD-163174	SVOC-8270C-SI	LCS-DOD	V5975.I\sh0131221	2022 8:02:5	1	163174	1/24/2022	1	0	2E+07					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009647	LLCSD-163174	SVOC-8270C-SI	LCSD-DOD	V5975.I\sh0131221/31/2022	8:02:5	1	163174	1/24/2022	1	0	2E+07					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	3.48216	3.48216		5	0	3.45276	0.0206	0.1	10	70%	41	115	1%	
2-Methylnaphthalene	A	ug/L	3.51496	3.51496		5	0	3.50119	0.0176	0.1	10	70%	39	114	0%	
Acenaphthene	A	ug/L	4.00277	4.00277		5	0	4.31571	0.0317	0.1	10	80%	48	114	8%	
Acenaphthylene	A	ug/L	3.97414	3.97414		5	0	4.23741	0.025	0.1	10	79%	35	121	6%	
Anthracene	A	ug/L	5.07963	5.07963		5	0	5.0258	0.0283	0.1	10	102%	53	119	1%	
Benzo(a)anthracene	A	ug/L	5.39299	5.39299		5	0	5.36258	0.0272	0.1	10	108%	59	120	1%	
Benzo(a)pyrene	A	ug/L	5.09822	5.09822		5	0	5.05626	0.0347	0.1	10	102%	53	120	1%	
Benzo(b)fluoranthene	A	ug/L	5.08787	5.08787		5	0	5.05129	0.0226	0.1	10	102%	53	126	1%	
Benzo(g,h,i)perylene	A	ug/L	4.97174	4.97174		5	0	4.92896	0.0267	0.1	10	99%	44	128	1%	
Benzo(k)fluoranthene	A	ug/L	4.96695	4.96695		5	0	4.81647	0.0295	0.1	10	99%	54	125	3%	
Chrysene	A	ug/L	5.24445	5.24445		5	0	5.14921	0.0458	0.1	10	105%	57	120	2%	
Dibenzo(a,h)anthracene	A	ug/L	5.4248	5.4248		5	0	5.19942	0.0367	0.1	10	108%	44	141	4%	
Fluoranthene	A	ug/L	4.99784	4.99784		5	0	4.97996	0.0233	0.1	10	100%	58	120	0%	
Fluorene	A	ug/L	4.26533	4.26533		5	0	4.53971	0.0225	0.1	10	85%	50	118	6%	
Indeno(1,2,3-cd)pyrene	A	ug/L	4.91192	4.91192		5	0	5.17926	0.0491	0.1	10	98%	48	130	5%	
Naphthalene	A	ug/L	3.40546	3.40546		5	0	3.23427	0.029	0.1	10	68%	43	114	5%	
Phenanthrene	A	ug/L	4.70806	4.70806		5	0	4.69508	0.0295	0.1	10	94%	53	115	0%	
Pyrene	A	ug/L	4.80154	4.80154		5	0	4.68679	0.0239	0.1	10	96%	53	121	2%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%			0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%			0%	
2-Fluorobiphenyl	S	ug/L	4.17371	4.17371		5	0	0	0.0444	0.1	10	83%	53	106	0%	
Nitrobenzene-d5	S	ug/L	3.77417	3.77417		5	0	0	0.0523	0.1	10	75%	55	111	0%	
Terphenyl-d14	S	ug/L	5.04052	5.04052		5	0	0	0.0563	0.1	10	101%	58	132	0%	
o-Terphenyl	X	ug/L	4.90834	4.90834		5	0	4.79082	0.0654	0	0	98%	40	140	2%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009648	B22011214-001	SVOC-8270C-SI	SAMP	V5975.I\sh0131221/31/2022	8:35:4	1	163174	1/24/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009648	B22011214-001	SVOC-8270C-SI SAMP		V5975.I\sh0131221/31/2022	8:35:4	1	163174	1/24/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0206	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0176	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.0317	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.025	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0283	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0272	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0347	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0226	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0267	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.0458	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0367	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.0233	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.0225	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0491	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.029	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.0239	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0.14311	0.14311		0	0	0	0.0654	0	0	0%	40	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009649	B22011227-001	SVOC-8270C-SI SAMP		V5975.I\sh0131221/31/2022	9:08:1	1	163174	1/24/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.021424	0.104	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.018304	0.104	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.032968	0.104	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.026	0.104	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.029432	0.104	10	0%	0	0	0%	U



Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009649	B22011227-001	SVOC-8270C-SI SAMP		V5975.I\sh0131221/31/2022	9:08:1	1	163174	1/24/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.028288	0.104	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.036088	0.104	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.023504	0.104	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.027768	0.104	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.03068	0.104	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.047632	0.104	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.038168	0.104	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.024232	0.104	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.0234	0.104	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.051064	0.104	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.03016	0.104	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.03068	0.104	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.024856	0.104	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	41.6		0	0	0	0.104	0.104		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	41.6		0	0	0	0.104	0.104		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	41.6		0	0	0	0.104	0.104		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	41.6		0	0	0	0.104	0.104		0%	0	0	0%	
Perylene-d12	I	ug/L	40	41.6		0	0	0	0.104	0.104		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	41.6		0	0	0	0.104	0.104	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0	0		0	0	0	0.068016	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009650	B22011228-001	SVOC-8270C-SI SAMP		V5975.I\sh0131221/31/2022	9:40:5	1	163174	1/24/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.020806	0.101	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.017776	0.101	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.032017	0.101	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.02525	0.101	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.028583	0.101	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.027472	0.101	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.035047	0.101	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.022826	0.101	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.026967	0.101	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.029795	0.101	10	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009650	B22011228-001	SVOC-8270C-SI	SAMP	√5975.I\sh0131221	31/2022 9:40:5	1	163174	1/24/2022	1	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chrysene	A	ug/L	0	0		0	0	0	0.046258	0.101	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.037067	0.101	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.023533	0.101	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.022725	0.101	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.049591	0.101	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.02929	0.101	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.029795	0.101	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.024139	0.101	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	40.4		0	0	0	0.101	0.101		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	40.4		0	0	0	0.101	0.101		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	40.4		0	0	0	0.101	0.101		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	40.4		0	0	0	0.101	0.101		0%	0	0	0%	
Perylene-d12	I	ug/L	40	40.4		0	0	0	0.101	0.101		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	40.4		0	0	0	0.101	0.101	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0	0		0	0	0	0.066054	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009651	B22011446-001	SVOC-8270C-SI	SAMP	√5975.I\sh0131221	31/2022 10:13:	1	163174	1/24/2022	1:	0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.021012	0.102	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.017952	0.102	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.032334	0.102	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.0255	0.102	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.028866	0.102	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.027744	0.102	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.035394	0.102	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.023052	0.102	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.027234	0.102	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.03009	0.102	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.046716	0.102	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.037434	0.102	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.023766	0.102	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.02295	0.102	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.050082	0.102	10	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009651	B22011446-001	SVOC-8270C-SI SAMP		√5975.I\sh0131221/31/2022	10:13:	1	163174	1/24/2022 1:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Naphthalene	A	ug/L	0	0		0	0	0	0.02958	0.102	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.03009	0.102	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.024378	0.102	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	40.8		0	0	0	0.102	0.102		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	40.8		0	0	0	0.102	0.102		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	40.8		0	0	0	0.102	0.102		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	40.8		0	0	0	0.102	0.102		0%	0	0	0%	
Perylene-d12	I	ug/L	40	40.8		0	0	0	0.102	0.102		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	40.8		0	0	0	0.102	0.102	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0.08848	0.0902496		0	0	0	0.066708	0	0	0%	40	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009652	B22011446-006	SVOC-8270C-SI SAMP		√5975.I\sh0131221/31/2022	10:45:	1	163174	1/24/2022 1:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.021218	0.103	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.018128	0.103	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.032651	0.103	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.02575	0.103	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.029149	0.103	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.028016	0.103	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.035741	0.103	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.023278	0.103	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.027501	0.103	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.030385	0.103	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.047174	0.103	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.037801	0.103	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.023999	0.103	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.023175	0.103	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.050573	0.103	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.02987	0.103	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.030385	0.103	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.024617	0.103	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009652	B22011446-006	SVOC-8270C-SI SAMP		V5975.I\sh0131221/31/2022	10:45:	1	163174	1/24/2022 1:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chrysene-d12	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	
Perylene-d12	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	41.2		0	0	0	0.103	0.103	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0	0		0	0	0	0.067362	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009653	B22011446-011	SVOC-8270C-SI SAMP		V5975.I\sh0131221/31/2022	11:18:	1	163174	1/24/2022 1:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0206	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0176	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.0317	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.025	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0283	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0272	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0347	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0226	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0267	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.0458	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0367	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.0233	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.0225	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0491	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.029	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.0239	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0	0		0	0	0	0.0654	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009653	B22011446-011	SVOC-8270C-SI SAMP		V5975.I\sh0131221	31/2022 11:18:	1	163174	1/24/2022 1:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009654	B22011446-011	SVOC-8270C-SI MS-DOD		V5975.I\sh0131221	31/2022 11:51:	1	163174	1/25/2022 8:	2E+07	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	3.28853	3.3543006		5.1	0	0	0.021012	0.102	10	66%	41	115	0%	
2-Methylnaphthalene	A	ug/L	3.46681	3.5361462		5.1	0	0	0.017952	0.102	10	69%	39	114	0%	
Acenaphthene	A	ug/L	4.06798	4.1493396		5.1	0	0	0.032334	0.102	10	81%	48	114	0%	
Acenaphthylene	A	ug/L	3.90836	3.9865272		5.1	0	0	0.0255	0.102	10	78%	35	121	0%	
Anthracene	A	ug/L	4.8161	4.912422		5.1	0	0	0.028866	0.102	10	96%	53	119	0%	
Benzo(a)anthracene	A	ug/L	5.14232	5.2451664		5.1	0	0	0.027744	0.102	10	103%	59	120	0%	
Benzo(a)pyrene	A	ug/L	4.52669	4.6172238		5.1	0	0	0.035394	0.102	10	91%	53	120	0%	
Benzo(b)fluoranthene	A	ug/L	4.53804	4.6288008		5.1	0	0	0.023052	0.102	10	91%	53	126	0%	
Benzo(g,h,i)perylene	A	ug/L	4.66671	4.7600442		5.1	0	0	0.027234	0.102	10	93%	44	128	0%	
Benzo(k)fluoranthene	A	ug/L	4.26084	4.3460568		5.1	0	0	0.03009	0.102	10	85%	54	125	0%	
Chrysene	A	ug/L	4.70353	4.7976006		5.1	0	0	0.046716	0.102	10	94%	57	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	4.84548	4.9423896		5.1	0	0	0.037434	0.102	10	97%	44	141	0%	
Fluoranthene	A	ug/L	4.76349	4.8587598		5.1	0	0	0.023766	0.102	10	95%	58	120	0%	
Fluorene	A	ug/L	4.04109	4.1219118		5.1	0	0	0.02295	0.102	10	81%	50	118	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	4.85571	4.9528242		5.1	0	0	0.050082	0.102	10	97%	48	130	0%	
Naphthalene	A	ug/L	2.89724	2.9551848		5.1	0	0	0.02958	0.102	10	58%	43	114	0%	
Phenanthrene	A	ug/L	4.45106	4.5400812		5.1	0	0	0.03009	0.102	10	89%	53	115	0%	
Pyrene	A	ug/L	4.5899	4.681698		5.1	0	0	0.024378	0.102	10	92%	53	121	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	40.8		0	0	0	0.102	0.102		0%			0%	
Acenaphthene-d10	I	ug/L	40	40.8		0	0	0	0.102	0.102		0%			0%	
Chrysene-d12	I	ug/L	40	40.8		0	0	0	0.102	0.102		0%			0%	
Naphthalene-d8	I	ug/L	40	40.8		0	0	0	0.102	0.102		0%			0%	
Perylene-d12	I	ug/L	40	40.8		0	0	0	0.102	0.102		0%			0%	
Phenanthrene-d10	I	ug/L	40	40.8		0	0	0	0.102	0.102	10	0%			0%	
2-Fluorobiphenyl	S	ug/L	3.92183	4.0002666		5.1	0	0	0.045288	0.102	10	78%	53	106	0%	
Nitrobenzene-d5	S	ug/L	3.91386	3.9921372		5.1	0	0	0.053346	0.102	10	78%	55	111	0%	
Terphenyl-d14	S	ug/L	4.7968	4.892736		5.1	0	0	0.057426	0.102	10	96%	58	132	0%	
o-Terphenyl	X	ug/L	4.91874	5.0171148		5.1	0	0	0.066708	0	0	98%	40	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009655	B22011446-012	SVOC-8270C-SI SAMP		V5975.I\sh0131222/1/2022	12:23:3	1	163174	1/24/2022 1:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0206	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0176	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.0317	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.025	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0283	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0272	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0347	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0226	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0267	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.0458	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0367	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.0233	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.0225	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0491	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.029	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.0295	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.0239	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	40		0	0	0	0.1	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	40		0	0	0	0.1	0.1	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0.49866	0.49866		0	0	0	0.0654	0	0	0%	40	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009656	B22011446-017	SVOC-8270C-SI SAMP		V5975.I\sh0131222/1/2022	12:56:1	1	163174	1/24/2022 1:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0196112	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.0167552	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.0301784	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.0238	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.0269416	0.1	10	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009656	B22011446-017	SVOC-8270C-SI SAMP		√5975.I\sh0131222/1/2022	12:56:1	1	163174	1/24/2022 1:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.0258944	0.1	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.0330344	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.0215152	0.1	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.0254184	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.028084	0.1	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.0436016	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.0349384	0.1	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.0221816	0.1	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.02142	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.0467432	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.027608	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.028084	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.0227528	0.1	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	38.08		0	0	0	0.0952	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	38.08		0	0	0	0.0952	0.1	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0.03627	0		0	0	0	0.0622608	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009657	B22011446-017	SVOC-8270C-SI MS-DOD		√5975.I\sh0131222/1/2022	1:28:32	1	163174	1/25/2022 8:	2E+07	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	3.75536	3.61265632		4.81	0	0	0.0198172	0.1	10	75%	41	115	0%	
2-Methylnaphthalene	A	ug/L	3.75231	3.60972222		4.81	0	0	0.0169312	0.1	10	75%	39	114	0%	
Acenaphthene	A	ug/L	4.56947	4.39583014		4.81	0	0	0.0304954	0.1	10	91%	48	114	0%	
Acenaphthylene	A	ug/L	4.24982	4.08832684		4.81	0	0	0.02405	0.1	10	85%	35	121	0%	
Anthracene	A	ug/L	5.07276	4.87999512		4.81	0	0	0.0272246	0.1	10	101%	53	119	0%	
Benzo(a)anthracene	A	ug/L	5.51441	5.30486242		4.81	0	0	0.0261664	0.1	10	110%	59	120	0%	
Benzo(a)pyrene	A	ug/L	4.97816	4.78898992		4.81	0	0	0.0333814	0.1	10	100%	53	120	0%	
Benzo(b)fluoranthene	A	ug/L	4.93796	4.75031752		4.81	0	0	0.0217412	0.1	10	99%	53	126	0%	
Benzo(g,h,i)perylene	A	ug/L	4.91981	4.73285722		4.81	0	0	0.0256854	0.1	10	98%	44	128	0%	
Benzo(k)fluoranthene	A	ug/L	5.00623	4.81599326		4.81	0	0	0.028379	0.1	10	100%	54	125	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009657	B22011446-017	SVOC-8270C-SI	MS-DOD	√5975.I\sh0131222/1/2022	1:28:32	1	163174	1/25/2022 8:	2E+07	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chrysene	A	ug/L	4.87809	4.69272258		4.81	0	0	0.0440596	0.1	10	98%	57	120	0%	
Dibenzo(a,h)anthracene	A	ug/L	5.47729	5.26915298		4.81	0	0	0.0353054	0.1	10	110%	44	141	0%	
Fluoranthene	A	ug/L	5.06516	4.87268392		4.81	0	0	0.0224146	0.1	10	101%	58	120	0%	
Fluorene	A	ug/L	4.49001	4.31938962		4.81	0	0	0.021645	0.1	10	90%	50	118	0%	
Indeno(1,2,3-cd)pyrene	A	ug/L	5.27156	5.07124072		4.81	0	0	0.0472342	0.1	10	105%	48	130	0%	
Naphthalene	A	ug/L	3.35482	3.22733684		4.81	0	0	0.027898	0.1	10	67%	43	114	0%	
Phenanthrene	A	ug/L	4.79056	4.60851872		4.81	0	0	0.028379	0.1	10	96%	53	115	0%	
Pyrene	A	ug/L	4.92153	4.73451186		4.81	0	0	0.0229918	0.1	10	98%	53	121	0%	
1,4-Dichlorobenzene-d4	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%				0%
Acenaphthene-d10	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%				0%
Chrysene-d12	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%				0%
Naphthalene-d8	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%				0%
Perylene-d12	I	ug/L	40	38.48		0	0	0	0.0962	0.1		0%				0%
Phenanthrene-d10	I	ug/L	40	38.48		0	0	0	0.0962	0.1	10	0%				0%
2-Fluorobiphenyl	S	ug/L	4.0403	3.8867686		4.81	0	0	0.0427128	0.1	10	81%	53	106	0%	
Nitrobenzene-d5	S	ug/L	3.59264	3.45611968		4.81	0	0	0.0503126	0.1	10	72%	55	111	0%	
Terphenyl-d14	S	ug/L	5.17963	4.98280406		4.81	0	0	0.0541606	0.1	10	104%	58	132	0%	
o-Terphenyl	X	ug/L	5.26081	5.06089922		4.81	0	0	0.0629148	0	0	105%	40	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009658	B22011446-022	SVOC-8270C-SI	SAMP	√5975.I\sh0131222/1/2022	2:00:56	1	163174	1/24/2022 1:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.020188	0.1	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.017248	0.1	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.031066	0.1	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.0245	0.1	10	0%	0	0	0%	U
Anthracene	A	ug/L	0.02448	0		0	0	0	0.027734	0.1	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0.03383	0.0331534		0	0	0	0.026656	0.1	10	0%	0	0	0%	J
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.034006	0.1	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0.09297	0.0911106		0	0	0	0.022148	0.1	10	0%	0	0	0%	J
Benzo(g,h,i)perylene	A	ug/L	0.01769	0		0	0	0	0.026166	0.1	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0.06822	0.0668556		0	0	0	0.02891	0.1	10	0%	0	0	0%	J
Chrysene	A	ug/L	0.04098	0		0	0	0	0.044884	0.1	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0.02836	0		0	0	0	0.035966	0.1	10	0%	0	0	0%	U



Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009658	B22011446-022	SVOC-8270C-SI	SAMP	√5975.I\sh0131222/1/2022	2:00:56	1	163174	1/24/2022 1:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Fluoranthene	A	ug/L	0.06884	0.0674632		0	0	0	0.022834	0.1	10	0%	0	0	0%	J
Fluorene	A	ug/L	0	0		0	0	0	0.02205	0.1	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0.0448	0		0	0	0	0.048118	0.1	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.02842	0.1	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0.02893	0		0	0	0	0.02891	0.1	10	0%	0	0	0%	U
Pyrene	A	ug/L	0.07048	0.0690704		0	0	0	0.023422	0.1	10	0%	0	0	0%	J
1,4-Dichlorobenzene-d4	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Perylene-d12	I	ug/L	40	39.2		0	0	0	0.098	0.1		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	39.2		0	0	0	0.098	0.1	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0.06319	0		0	0	0	0.064092	0	0	0%	40	140	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009659	B22011446-027	SVOC-8270C-SI	SAMP	√5975.I\sh0131222/1/2022	2:33:17	1	163174	1/24/2022 1:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.020806	0.101	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.017776	0.101	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.032017	0.101	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.02525	0.101	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.028583	0.101	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.027472	0.101	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.035047	0.101	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.022826	0.101	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.026967	0.101	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.029795	0.101	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.046258	0.101	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.037067	0.101	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0.09075	0.0916575		0	0	0	0.023533	0.101	10	0%	0	0	0%	J
Fluorene	A	ug/L	0	0		0	0	0	0.022725	0.101	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.049591	0.101	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.02929	0.101	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0.04134	0.0417534		0	0	0	0.029795	0.101	10	0%	0	0	0%	J

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009659	B22011446-027	SVOC-8270C-SI SAMP		V5975.I\sh0131222/1/2022	2:33:17	1	163174	1/24/2022 1:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Pyrene	A	ug/L	0.0817	0.082517		0	0	0	0.024139	0.101	10	0%	0	0	0%	J
1,4-Dichlorobenzene-d4	I	ug/L	40	40.4		0	0	0	0.101	0.101		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	40.4		0	0	0	0.101	0.101		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	40.4		0	0	0	0.101	0.101		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	40.4		0	0	0	0.101	0.101		0%	0	0	0%	
Perylene-d12	I	ug/L	40	40.4		0	0	0	0.101	0.101		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	40.4		0	0	0	0.101	0.101	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0.11805	0.1192305		0	0	0	0.066054	0	0	0%	40	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009660	B22011446-032	SVOC-8270C-SI SAMP		V5975.I\sh0131222/1/2022	3:05:43	1	163174	1/24/2022 1:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.021218	0.103	10	0%	0	0	0%	U
2-Methylnaphthalene	A	ug/L	0	0		0	0	0	0.018128	0.103	10	0%	0	0	0%	U
Acenaphthene	A	ug/L	0	0		0	0	0	0.032651	0.103	10	0%	0	0	0%	U
Acenaphthylene	A	ug/L	0	0		0	0	0	0.02575	0.103	10	0%	0	0	0%	U
Anthracene	A	ug/L	0	0		0	0	0	0.029149	0.103	10	0%	0	0	0%	U
Benzo(a)anthracene	A	ug/L	0	0		0	0	0	0.028016	0.103	10	0%	0	0	0%	U
Benzo(a)pyrene	A	ug/L	0	0		0	0	0	0.035741	0.103	10	0%	0	0	0%	U
Benzo(b)fluoranthene	A	ug/L	0	0		0	0	0	0.023278	0.103	10	0%	0	0	0%	U
Benzo(g,h,i)perylene	A	ug/L	0	0		0	0	0	0.027501	0.103	10	0%	0	0	0%	U
Benzo(k)fluoranthene	A	ug/L	0	0		0	0	0	0.030385	0.103	10	0%	0	0	0%	U
Chrysene	A	ug/L	0	0		0	0	0	0.047174	0.103	10	0%	0	0	0%	U
Dibenzo(a,h)anthracene	A	ug/L	0	0		0	0	0	0.037801	0.103	10	0%	0	0	0%	U
Fluoranthene	A	ug/L	0	0		0	0	0	0.023999	0.103	10	0%	0	0	0%	U
Fluorene	A	ug/L	0	0		0	0	0	0.023175	0.103	10	0%	0	0	0%	U
Indeno(1,2,3-cd)pyrene	A	ug/L	0	0		0	0	0	0.050573	0.103	10	0%	0	0	0%	U
Naphthalene	A	ug/L	0	0		0	0	0	0.02987	0.103	10	0%	0	0	0%	U
Phenanthrene	A	ug/L	0	0		0	0	0	0.030385	0.103	10	0%	0	0	0%	U
Pyrene	A	ug/L	0	0		0	0	0	0.024617	0.103	10	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	
Acenaphthene-d10	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	
Chrysene-d12	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	
Naphthalene-d8	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009660	B22011446-032	SVOC-8270C-SI SAMP		V5975.I\sh0131222/1/2022	3:05:43	1	163174	1/24/2022 1:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Perylene-d12	I	ug/L	40	41.2		0	0	0	0.103	0.103		0%	0	0	0%	
Phenanthrene-d10	I	ug/L	40	41.2		0	0	0	0.103	0.103	10	0%	0	0	0%	E
o-Terphenyl	X	ug/L	0	0		0	0	0	0.067362	0	0	0%	40	140	0%	U

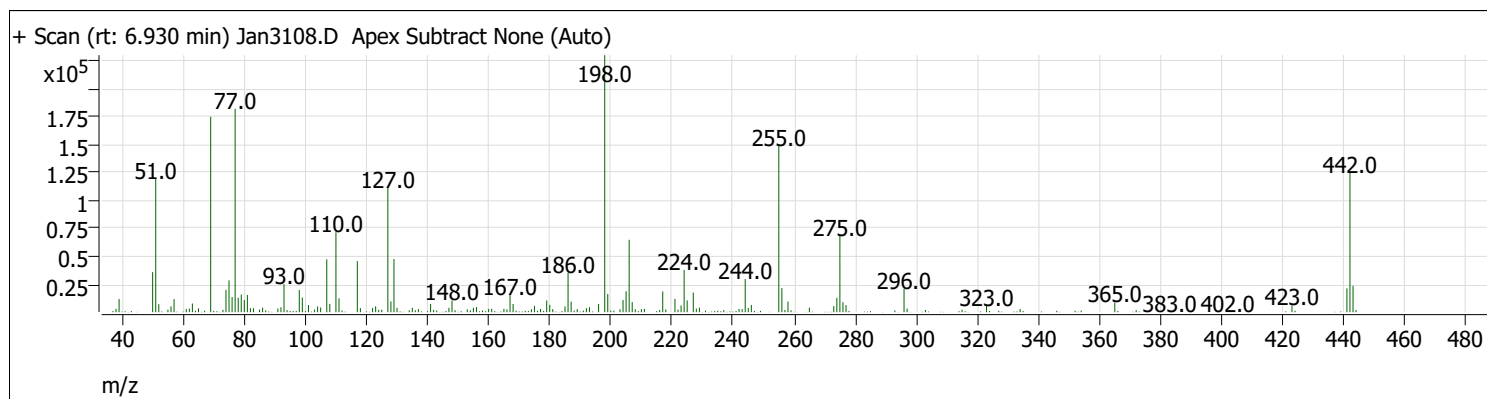
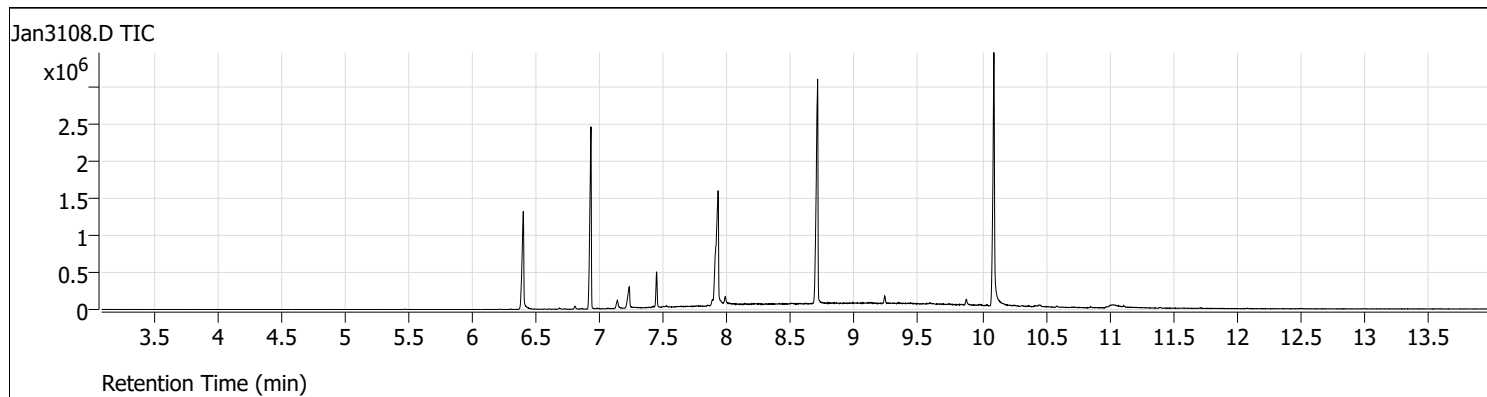
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15009661	31-Jan-22_CC	SVOC-8270C-SI CCV		V5975.I\sh0131222/1/2022	3:38:00	1	R373993		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1-Methylnaphthalene	A	ug/L	2.38696	2386.96		2	0	0	0.0206	0.1	10	119348%	50	150	0%	S
2-Methylnaphthalene	A	ug/L	2.19122	2191.22		2	0	0	0.0176	0.1	10	109561%	50	150	0%	S
Acenaphthene	A	ug/L	2.13574	2135.74		2	0	0	0.0317	0.1	10	106787%	50	150	0%	S
Acenaphthylene	A	ug/L	2.09795	2097.95		2	0	0	0.025	0.1	10	104897%	50	150	0%	S
Anthracene	A	ug/L	1.64891	1648.91		2	0	0	0.0283	0.1	10	82445%	50	150	0%	S
Benzo(a)anthracene	A	ug/L	2.09526	2095.26		2	0	0	0.0272	0.1	10	104763%	50	150	0%	S
Benzo(a)pyrene	A	ug/L	2.09999	2099.99		2	0	0	0.0347	0.1	10	105000%	50	150	0%	S
Benzo(b)fluoranthene	A	ug/L	2.07544	2075.44		2	0	0	0.0226	0.1	10	103772%	50	150	0%	S
Benzo(g,h,i)perylene	A	ug/L	2.13327	2133.27		2	0	0	0.0267	0.1	10	106663%	50	150	0%	S
Benzo(k)fluoranthene	A	ug/L	2.03674	2036.74		2	0	0	0.0295	0.1	10	101837%	50	150	0%	S
Chrysene	A	ug/L	1.9815	1981.5		2	0	0	0.0458	0.1	10	99075%	50	150	0%	S
Dibenzo(a,h)anthracene	A	ug/L	2.05861	2058.61		2	0	0	0.0367	0.1	10	102930%	50	150	0%	S
Fluoranthene	A	ug/L	2.04382	2043.82		2	0	0	0.0233	0.1	10	102191%	50	150	0%	S
Fluorene	A	ug/L	1.91787	1917.87		2	0	0	0.0225	0.1	10	95893%	50	150	0%	S
Indeno(1,2,3-cd)pyrene	A	ug/L	1.99286	1992.86		2	0	0	0.0491	0.1	10	99643%	50	150	0%	S
Naphthalene	A	ug/L	2.1342	2134.2		2	0	0	0.029	0.1	10	106710%	50	150	0%	S
Phenanthrene	A	ug/L	2.02313	2023.13		2	0	0	0.0295	0.1	10	101157%	50	150	0%	S
Pyrene	A	ug/L	1.95832	1958.32		2	0	0	0.0239	0.1	10	97916%	50	150	0%	S
1,4-Dichlorobenzene-d4	I	ug/L	40	40000		0	0	0	0.1	0.1		0%	50	150	0%	
Acenaphthene-d10	I	ug/L	40	40000		0	0	0	0.1	0.1		0%	50	150	0%	
Chrysene-d12	I	ug/L	40	40000		0	0	0	0.1	0.1		0%	50	150	0%	
Naphthalene-d8	I	ug/L	40	40000		0	0	0	0.1	0.1		0%	50	150	0%	
Perylene-d12	I	ug/L	40	40000		0	0	0	0.1	0.1		0%	50	150	0%	
Phenanthrene-d10	I	ug/L	40	40000		0	0	0	0.1	0.1	10	0%	50	150	0%	
2-Fluorobiphenyl	S	ug/L	2.2364	2236.4		2	0	0	0.0444	0.1	10	111820%	50	150	0%	S
Nitrobenzene-d5	S	ug/L	2.0722	2072.2		2	0	0	0.0523	0.1	10	103610%	50	150	0%	S
Terphenyl-d14	S	ug/L	2.05764	2057.64		2	0	0	0.0563	0.1	10	102882%	50	150	0%	S

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
15009661	31-Jan-22_CCV	SVOC-8270C-SI	CCV	V5975.I\sh0131222/1/2022	3:38:00	1	R373993		0	0						
o-Terphenyl	X	ug/L	2.05456	2054.56		2	0	0	0.0654	0	0	102728%	50	150	0%	S

File Name	Sample Name	Line No.	Test Code	Multiplier	Divisor	Method Name
Jan3101.d	31-Jan-22_TUNE_1	1		1	1	548Tune.M
Jan3102.d	CCV-4-163248	2	SVOC-548-W-DW	1	1	5975Endothall.M
Jan3103.d	31-Jan-22_ISTBLK_3	3	SVOC-548-W-DW	1	1	5975Endothall.M
Jan3104.d	B22011566-001G	4	SVOC-548-W-DW	1	1	5975Endothall.M
Jan3105.d	B22011566-001GMS	5	SVOC-548-W-DW	1	1	5975Endothall.M
Jan3106.d	B22011566-001GMSD	6	SVOC-548-W-DW	1	1	5975Endothall.M
Jan3107.d	B22011567-001D	7	SVOC-548-W-DW	1	1	5975Endothall.M
Jan3108.d	31-Jan-22_TUNE_8	1		1	1	5975Tune.M
Jan3109.d	31-Jan-22_CCV_9	2	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3110.d	31-Jan-22_ISTBLK_10	3	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3111.d	LLCS-162956	4	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3112.d	LLCSD-162956	5	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3113.d	B22011137-001C	6	SVOC-8270C-SIM-W-LLPA	10	1	5975BNASIM.M
Jan3114.d	MB-163174	7	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3115.d	LLCS-163174	8	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3116.d	LLCSD-163174	9	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3117.d	B22011214-001C	10	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3118.d	B22011227-001C	11	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3119.d	B22011228-001C	12	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3120.d	B22011446-001C	13	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3121.d	B22011446-006C	14	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3122.d	B22011446-011C	15	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3123.d	B22011446-011CLMS	16	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3124.d	B22011446-012A	17	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3125.d	B22011446-017C	18	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3126.d	B22011446-017CLMS	19	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3127.d	B22011446-022C	20	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3128.d	B22011446-027C	21	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3129.d	B22011446-032C	22	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M
Jan3130.d	31-Jan-22_CCV_30	23	SVOC-8270C-SIM-W-LLPA	1	1	5975BNASIM.M

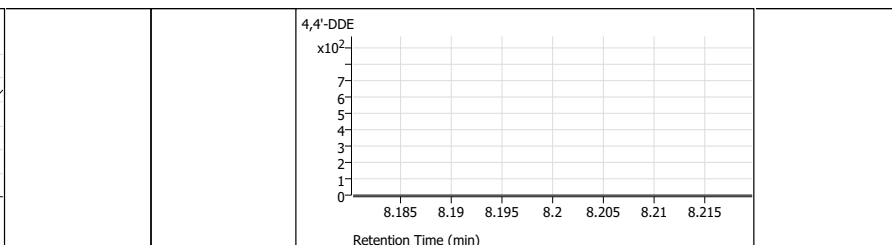
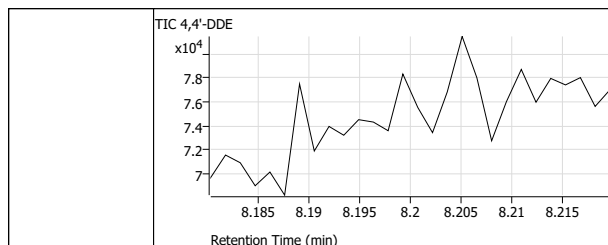
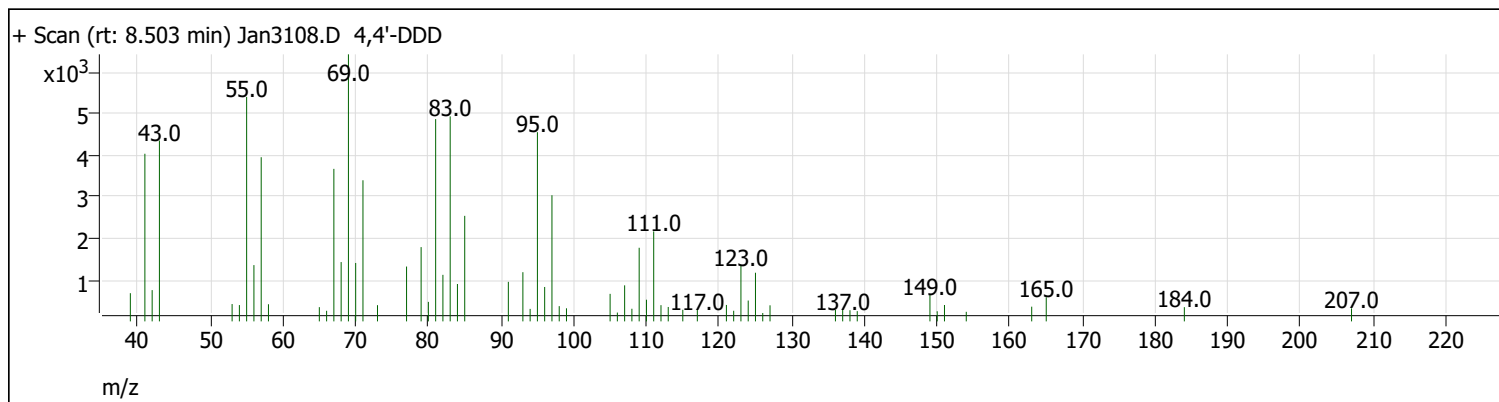
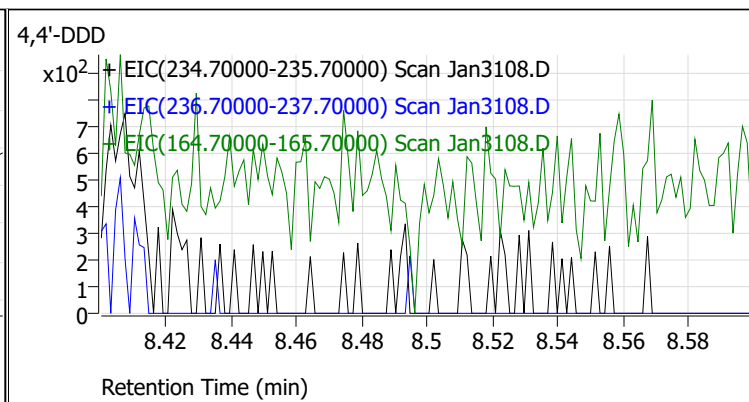
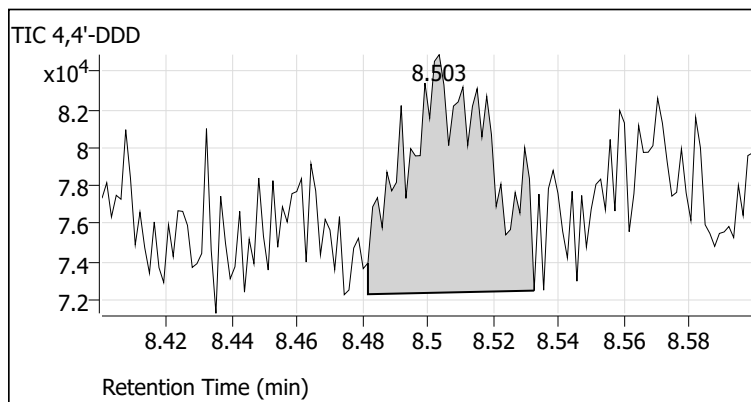
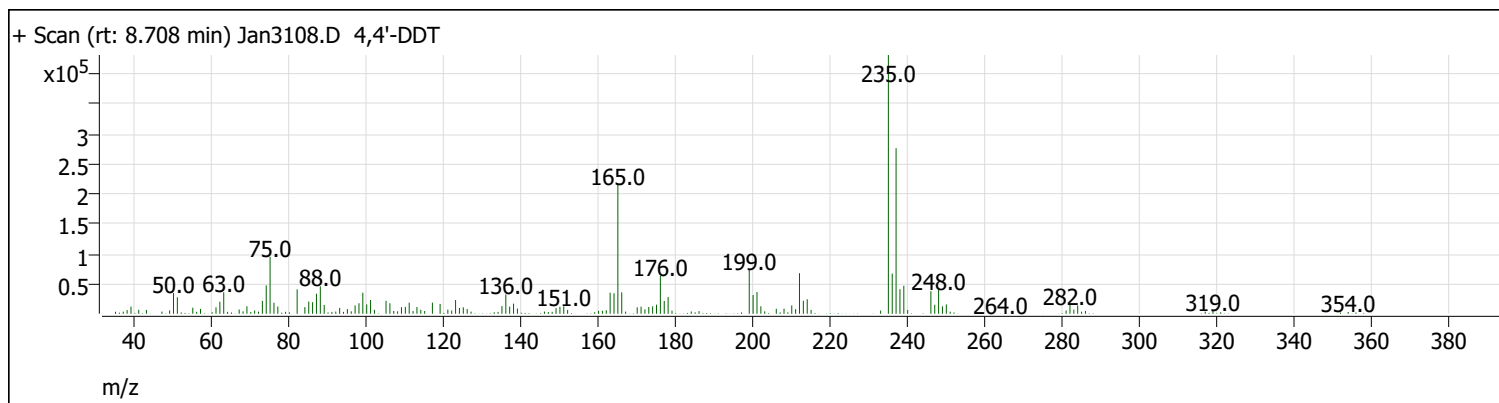
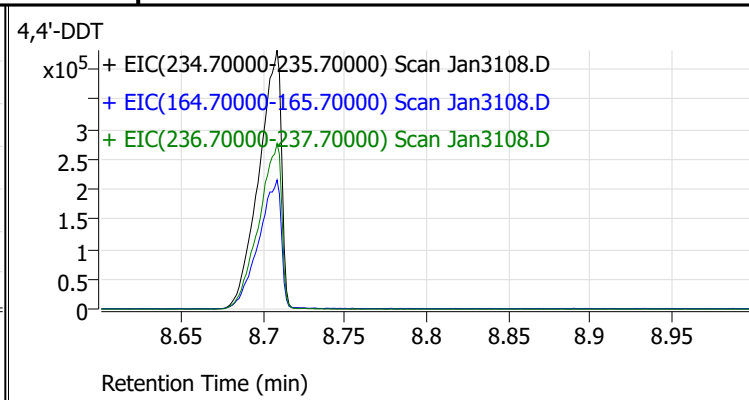
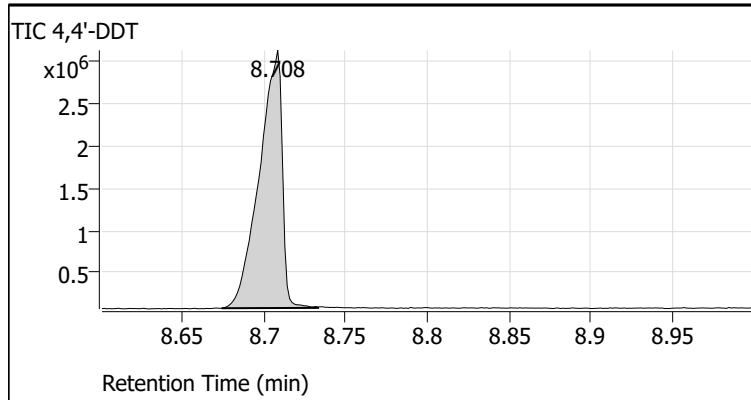
# Tune Evaluation Report

Data Path: \\MASSHUNTER\Org\Data\SV5975.I\sh013122\2 e8270c bna SIMJan3108.D  
 Acq on: 1/31/2022 3:49:41 PM  
 Operator: LIMS import  
 Sample: 31-Jan-22\_TUNE\_8  
 Inst Name: GCMS  
 ALS Vial: 1  
 Method: \\MASSHUNTER\Org\Data\SV5975.I\Methods\DFTPP5975625.m



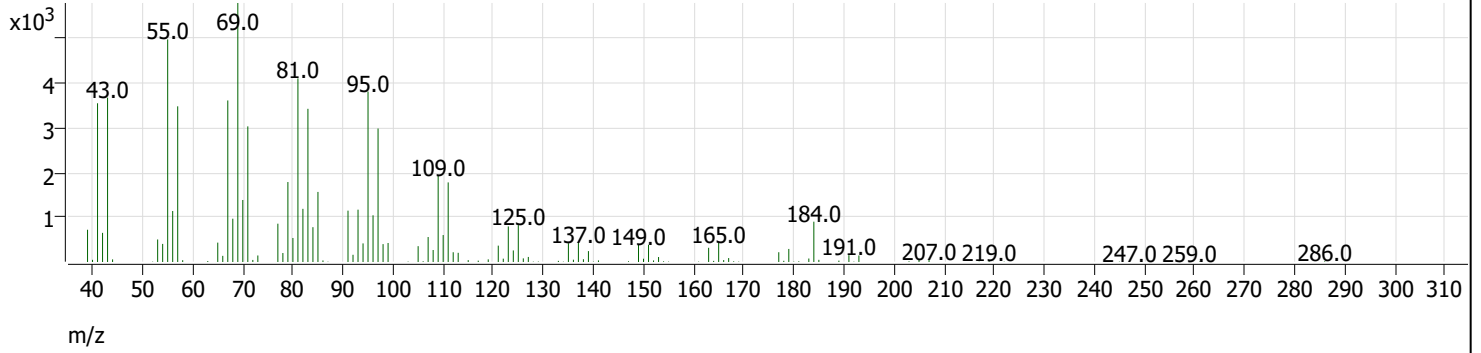
Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
51	198	30	60	52.0	119304	Pass
68	69	0	2	0.0	0	Pass
70	69	0	2	0.7	1185	Pass
127	198	40	60	48.5	111256	Pass
197	198	0	1	0.0	0	Pass
198	198	100	100	100.0	229568	Pass
199	198	5	9	7.1	16288	Pass
275	198	10	30	29.6	68064	Pass
365	198	1	100	3.8	8728	Pass
441	443	1E-10	150	90.1	21272	Pass
442	198	40	100	54.3	124712	Pass
443	442	17	23	18.9	23600	Pass
69	69	100	100	100.0	174592	Pass

# Tune Evaluation Report



# Tune Evaluation Report

+ Scan (rt: 8.180-8.220 min, 28 scans) Jan3108.D 4,4'-DDE

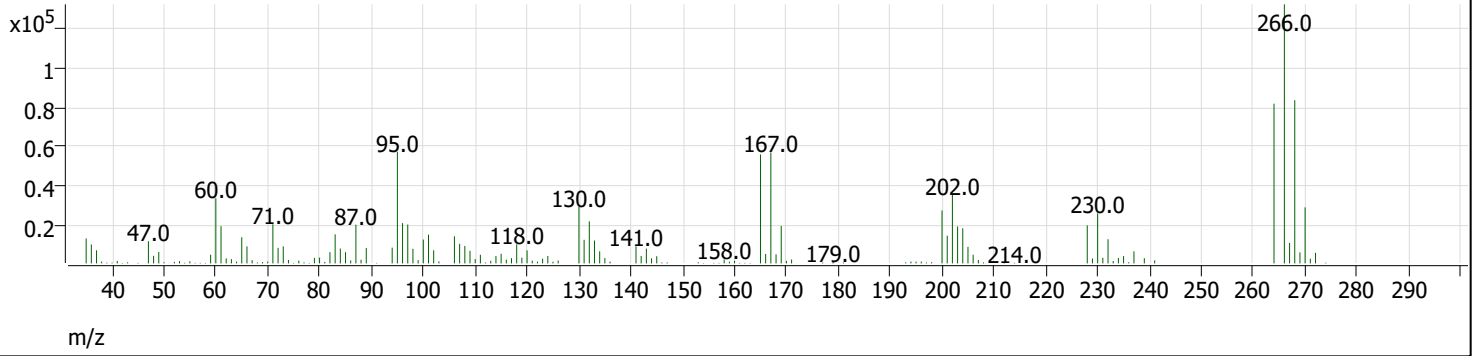


Compound Name	Expected RT	Observed RT	TIC Area	Breakdown %	Pass/Fail
4,4'-DDT	8.800	8.708	2949883	0.8	Pass
4,4'-DDD	8.500	8.503	22303		
4,4'-DDE	8.200	0.000	0		

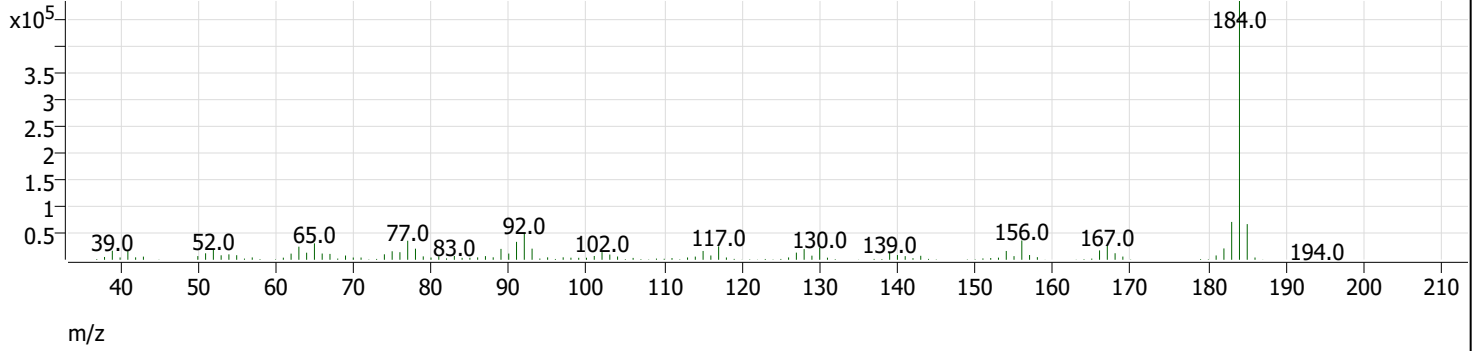


# Tune Evaluation Report

+ Scan (rt: 6.399 min) Jan3108.D Pentachlorophenol



+ Scan (rt: 7.927 min) Jan3108.D Benzidine

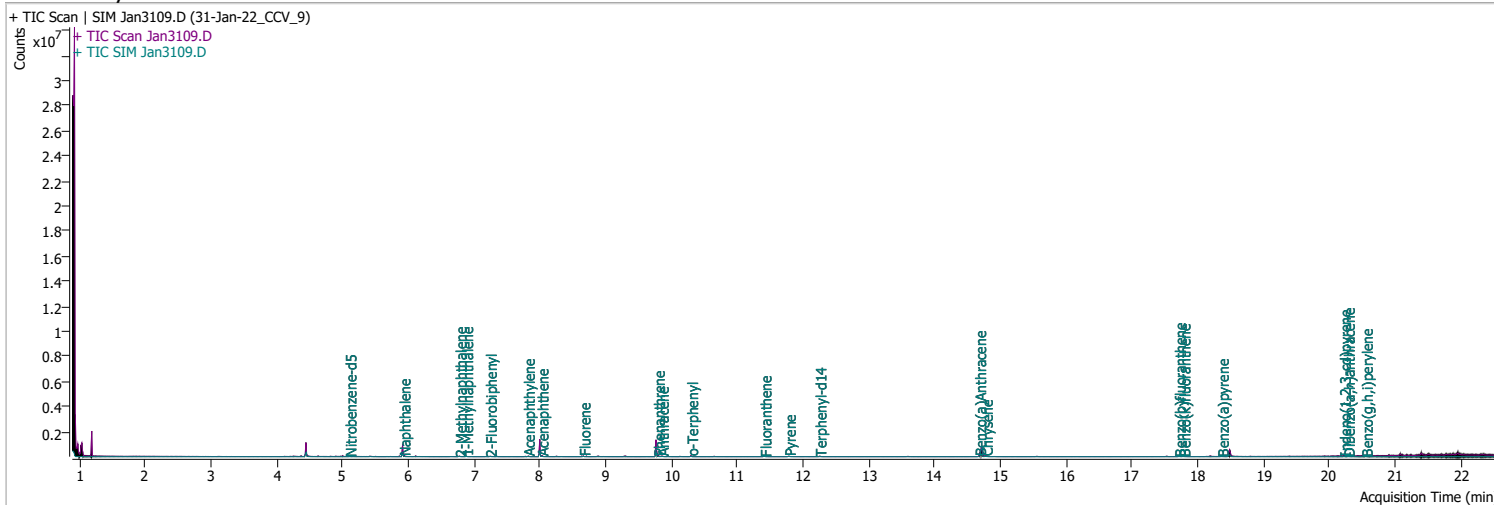


Compound Name	Expected RT	Observed RT	Tailing Factor	PGF	Pass/Fail
Pentachlorophenol	6.800	6.399	0.3	3.3	Pass
Benzidine	8.400	7.927	0.2	2.1	Pass

# Quantitation Results Report (QT Reviewed)

Data File	Jan3109.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/31/2022 4:14:53 PM
Sample Name	31-Jan-22_CCV_9	Instrument	GCMS
Vial	2	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.447	152.0	136414	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.916	136.0	232004	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	161354	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	353094	40.0000	ng/ml	0.000
M Chrysene-d12	14.714	240.0	274884	40.0000	ng/ml	0.012
M Perylene-d12	18.487	264.0	197343	40.0000	ng/ml	0.012
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	5981	1.9719	ng/ml	-0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 39.44%		
S 2-Fluorobiphenyl	7.240	172.0	13863	2.1839	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 43.68%		
S o-Terphenyl	10.299	230.0	10681	1.9978	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 39.96%		*
S Terphenyl-d14	12.251	244.0	9461	2.0849	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 41.70%		
<b>Target Compounds</b>						
T Naphthalene	5.928	128.0	12917	2.1549	ng/ml	91
T 2-Methylnaphthalene	6.777	141.0	7798	2.1521	ng/ml	95
T 1-Methylnaphthalene	6.877	141.0	8677	2.3689	ng/ml	96
T Acenaphthylene	7.814	152.0	15457	2.1164	ng/ml	99
T Acenaphthene	8.025	154.0	8901	1.8893	ng/ml	99
T Fluorene	8.661	166.0	12798	2.0188	ng/ml	100
T Phenanthrene	9.793	178.0	18633	2.0236	ng/ml	m 99
T Anthracene	9.854	178.0	18894	2.1455	ng/ml	m 100
T Fluoranthene	11.411	202.0	21392	1.9782	ng/ml	97
T Pyrene	11.781	202.0	24052	2.0967	ng/ml	92
T Benzo(a)Anthracene	14.677	228.0	18170	2.2940	ng/ml	98
T Chrysene	14.776	228.0	21777	2.0011	ng/ml	96
T Benzo(b)fluoranthene	17.709	252.0	14877	1.9631	ng/ml	98

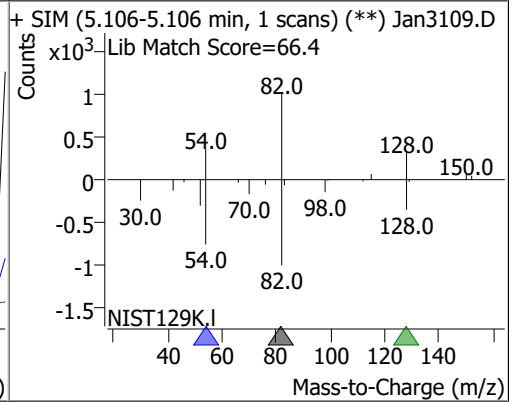
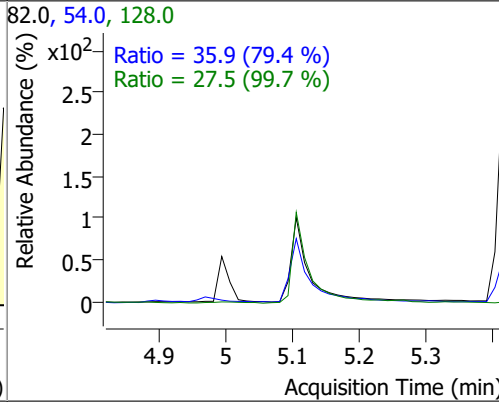
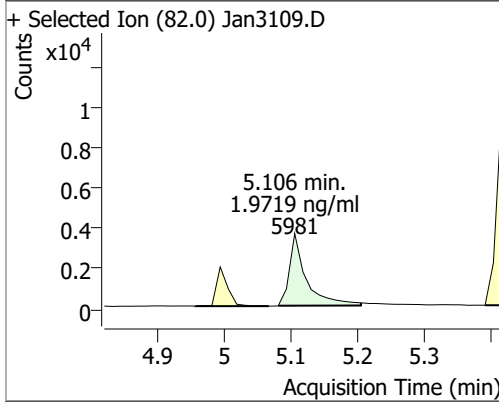
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.783	252.0	18454	1.9770	ng/ml	94
T Benzo(a)pyrene	18.363	252.0	14103	2.2079	ng/ml	98
T Indeno(1,2,3-cd)pyrene	20.217	276.0	12701	2.2395	ng/ml	89
T Dibenzo(a,h)anthracene	20.279	278.0	13867	2.1031	ng/ml	96
T Benzo(g,h,i)perylene	20.550	276.0	16055	1.9169	ng/ml	95

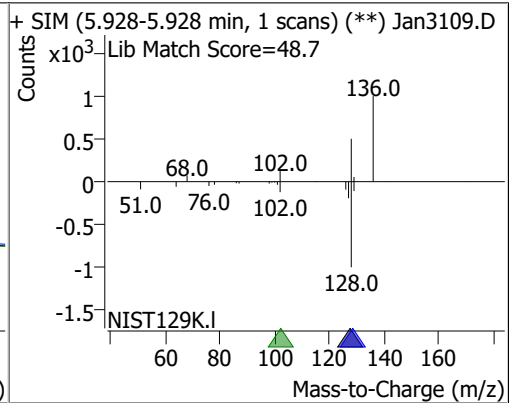
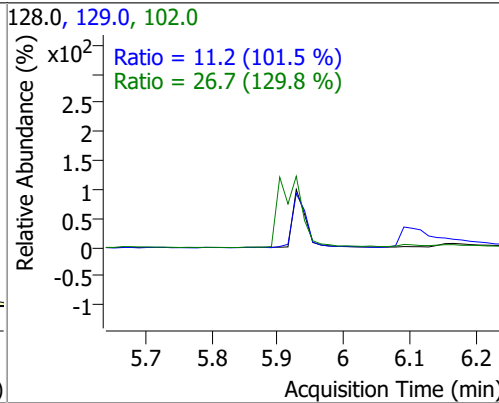
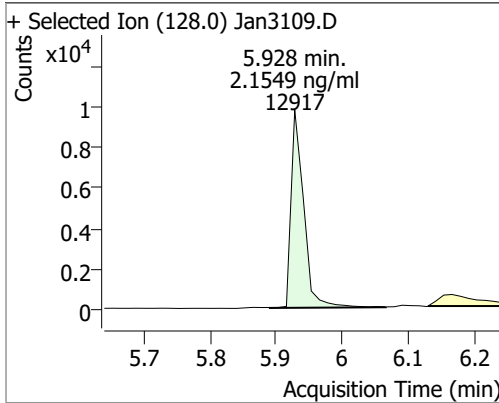
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

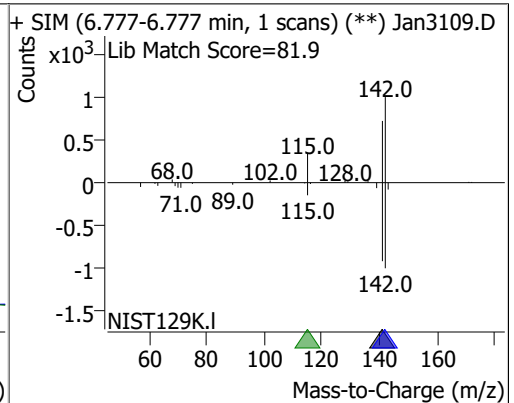
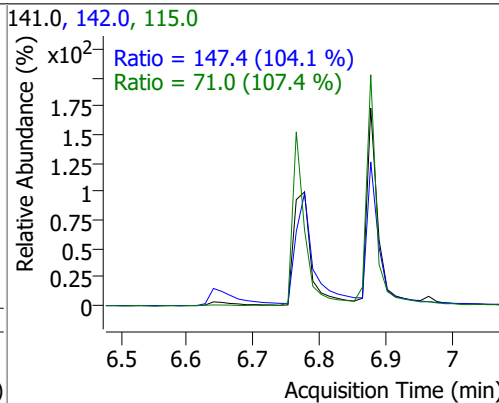
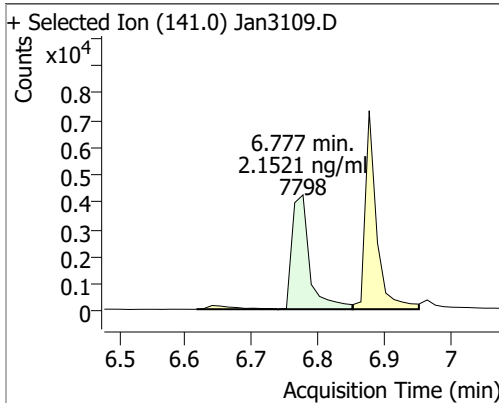
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	1.9719	5.11	-0.01	5981	54.0	35.9	31.6	58.8
					128.0	27.5	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.1549	5.93	-0.01	12917	102.0	26.7	0.0	61.8
					129.0	11.2	7.7	14.3

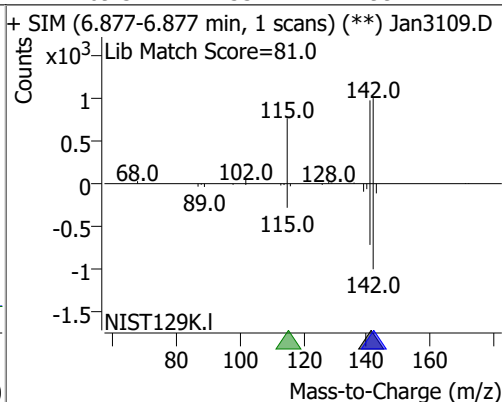
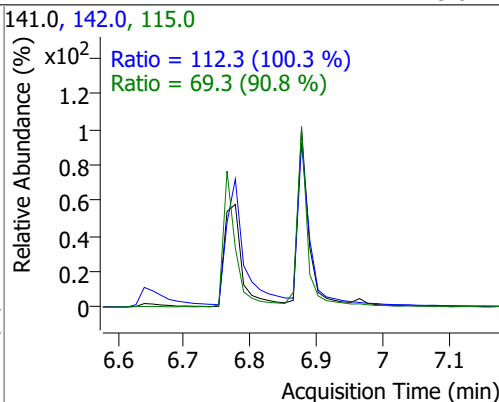
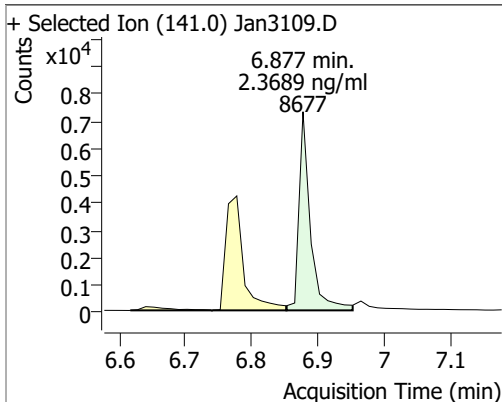


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	2.1521	6.78	0.00	7798	142.0	147.4	99.1	184.0
					115.0	71.0	46.3	86.0

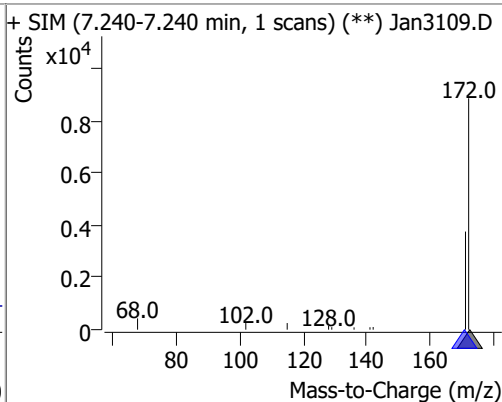
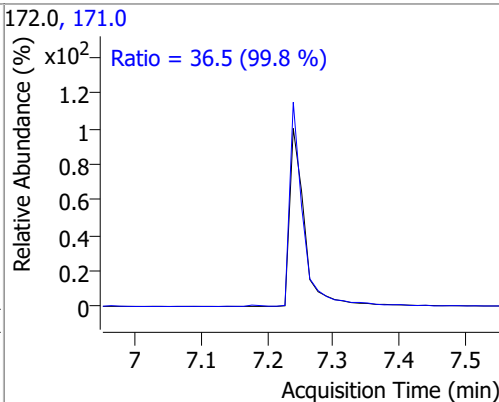
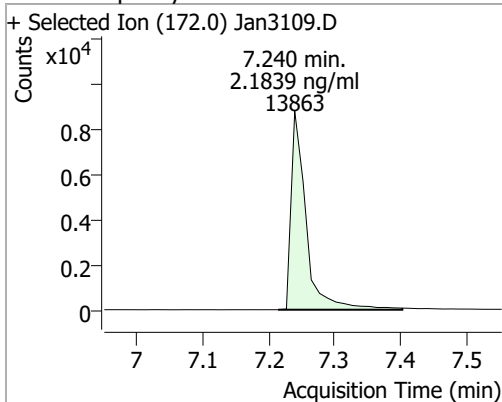


# Quantitation Results Report (QT Reviewed)

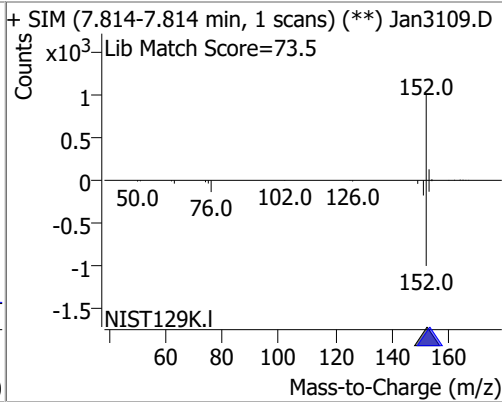
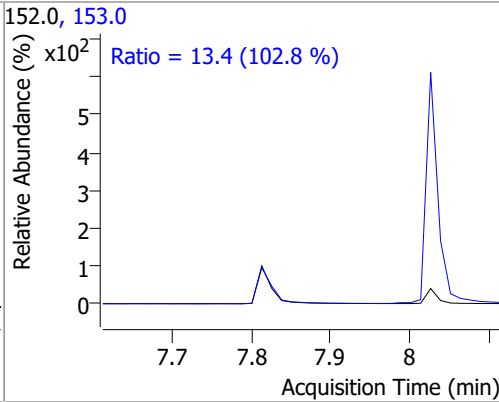
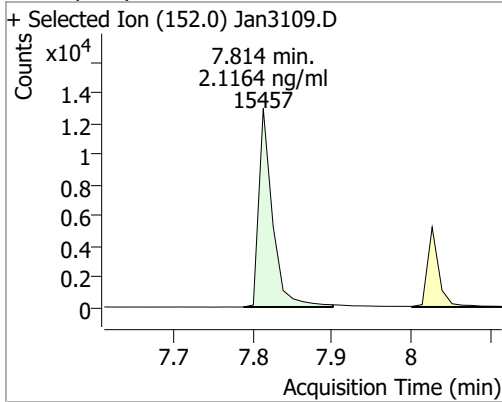
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.3689	6.88	0.00	8677	142.0 115.0	112.3 69.3	78.3 53.4	145.5 99.2



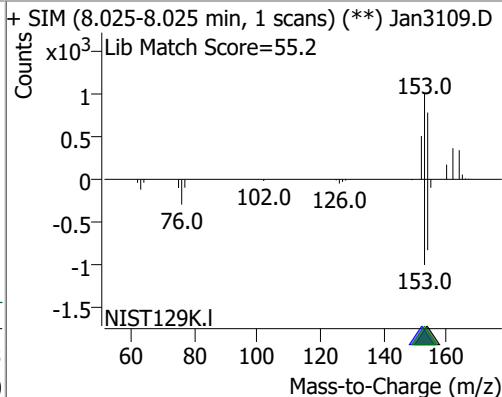
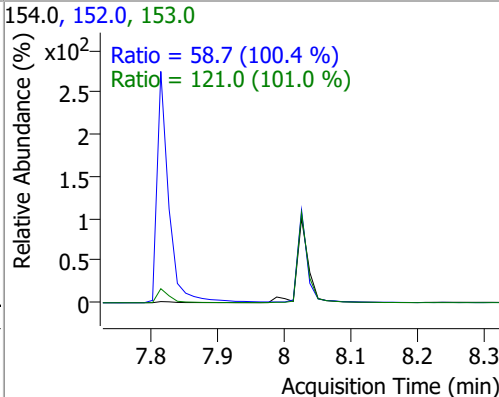
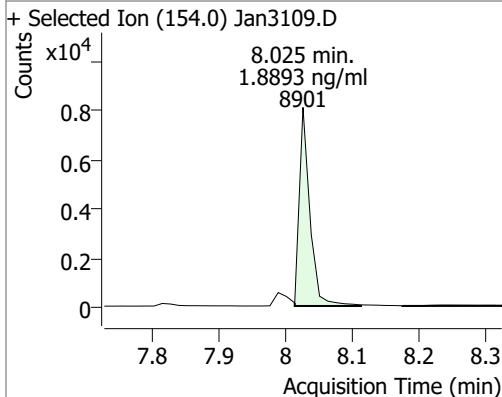
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	2.1839	7.24	-0.01	13863	171.0	36.5	25.6	47.6



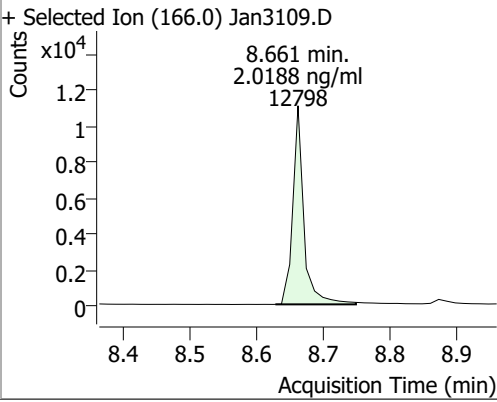
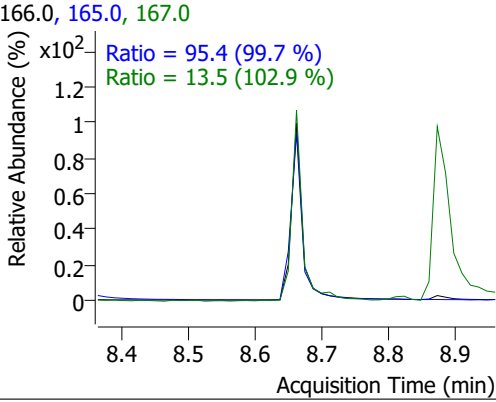
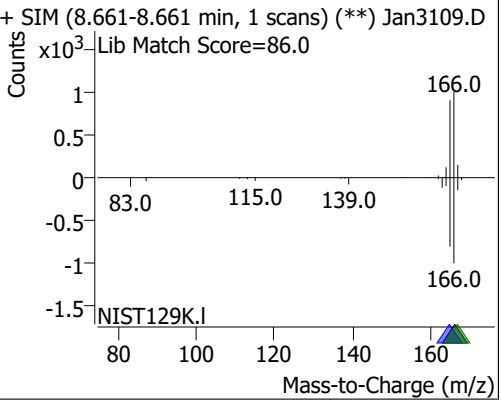
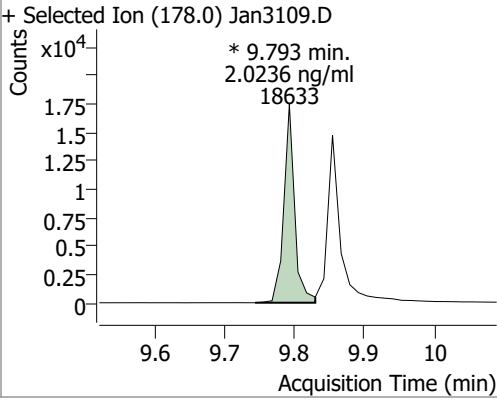
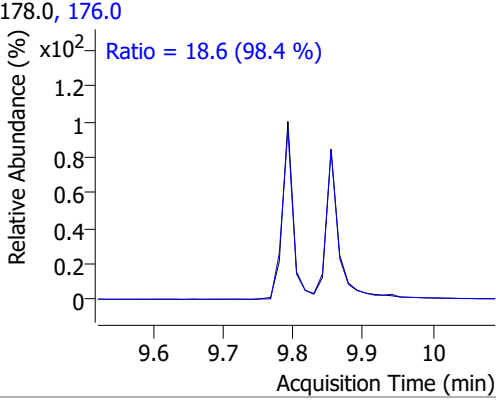
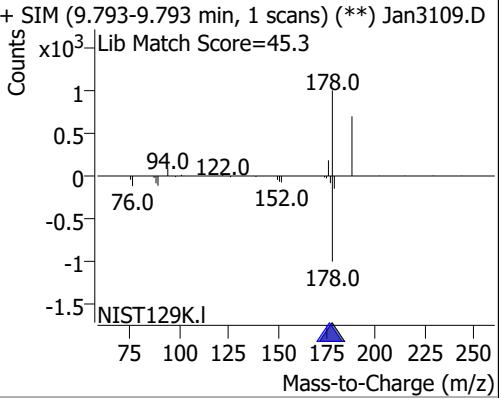
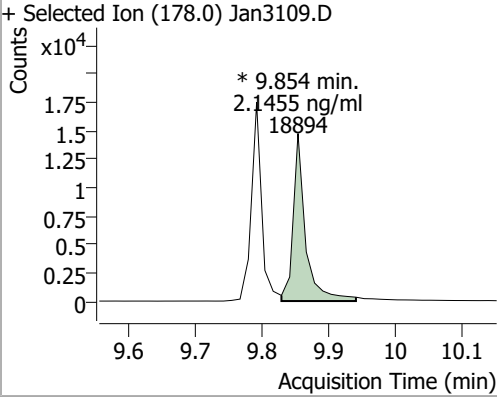
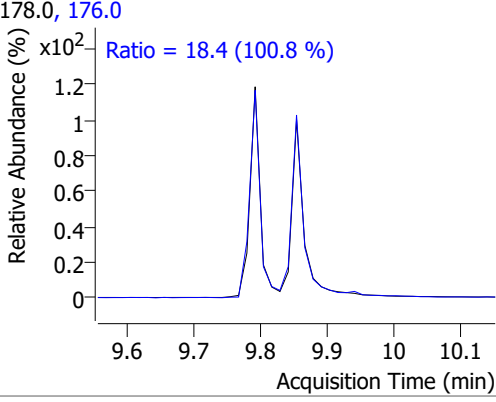
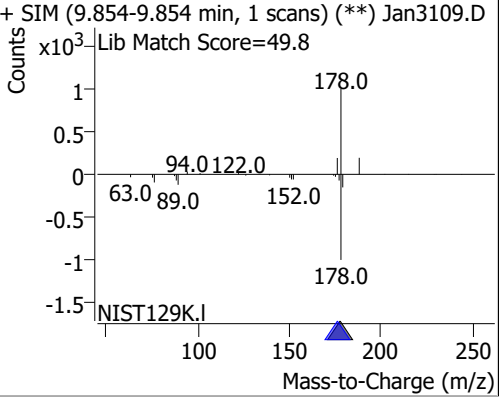
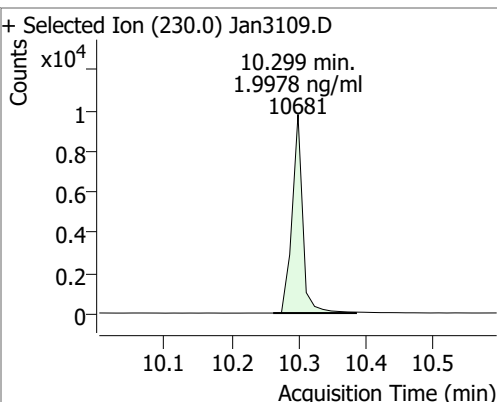
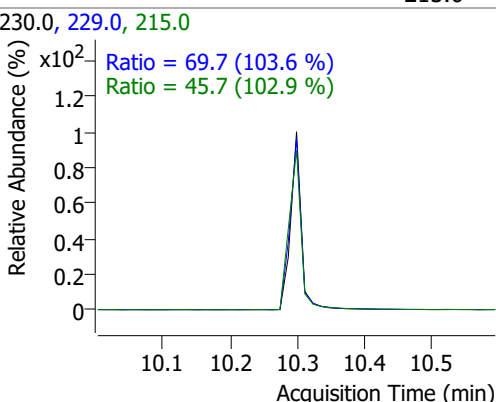
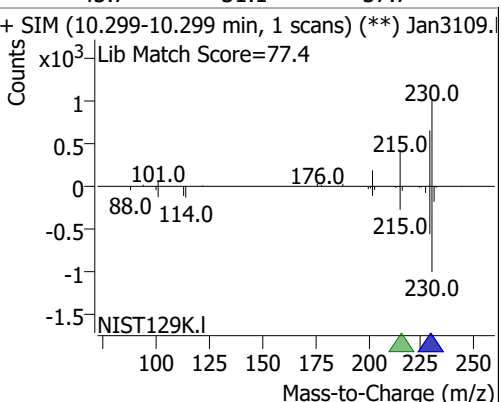
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	2.1164	7.81	0.00	15457	153.0	13.4	9.1	17.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	1.8893	8.03	0.00	8901	153.0 152.0	121.0 58.7	83.9 40.9	155.8 76.0

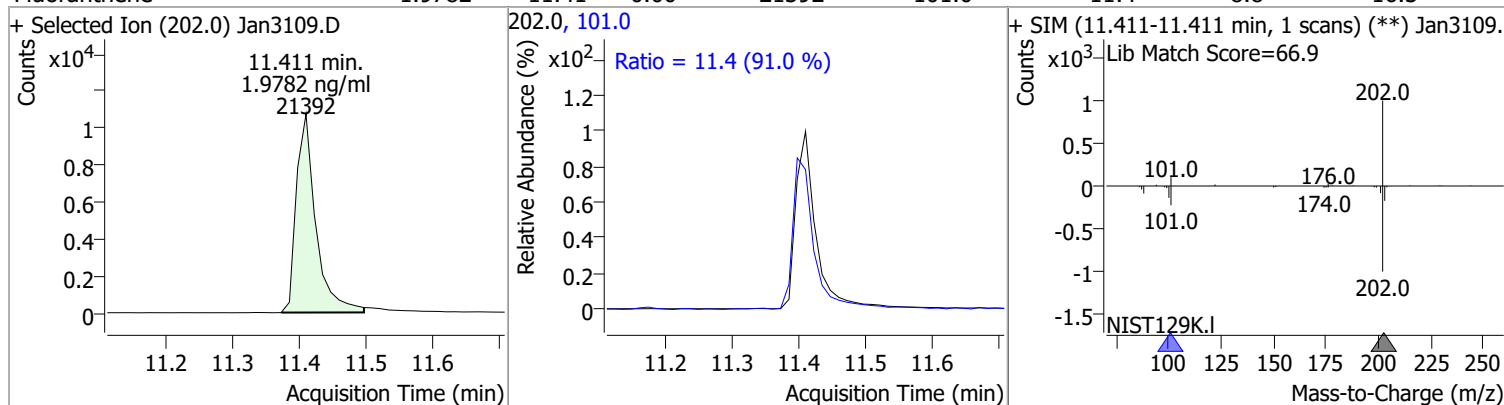


# Quantitation Results Report (QT Reviewed)

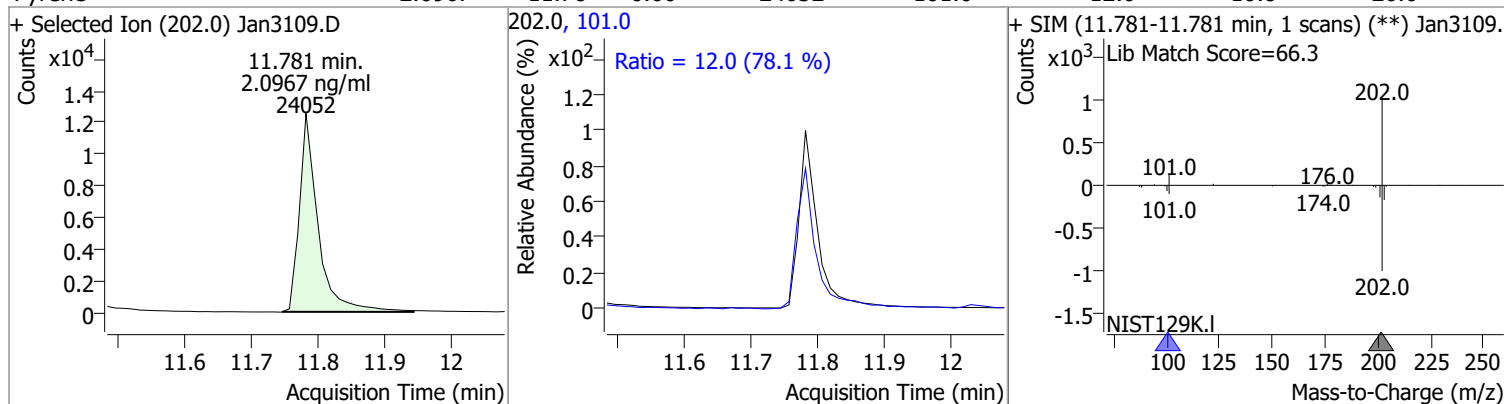
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	2.0188	8.66	0.00	12798	165.0 167.0	95.4 13.5	67.0 9.2	124.5 17.1
+ Selected Ion (166.0) Jan3109.D 			166.0, 165.0, 167.0 			+ SIM (8.661-8.661 min, 1 scans) (**) Jan3109.D Lib Match Score=86.0 		
Phenanthrene	2.0236	9.79	0.00	18633 (m)	176.0	18.6	13.2	24.6
+ Selected Ion (178.0) Jan3109.D 			178.0, 176.0 			+ SIM (9.793-9.793 min, 1 scans) (**) Jan3109.D Lib Match Score=45.3 		
Anthracene	2.1455	9.85	0.00	18894 (m)	176.0	18.4	12.8	23.8
+ Selected Ion (178.0) Jan3109.D 			178.0, 176.0 			+ SIM (9.854-9.854 min, 1 scans) (**) Jan3109.D Lib Match Score=49.8 		
o-Terphenyl	1.9978	10.30	0.00	10681	229.0 215.0	69.7 45.7	47.1 31.1	87.5 57.7
+ Selected Ion (230.0) Jan3109.D 			230.0, 229.0, 215.0 			+ SIM (10.299-10.299 min, 1 scans) (**) Jan3109.D Lib Match Score=77.4 		

# Quantitation Results Report (QT Reviewed)

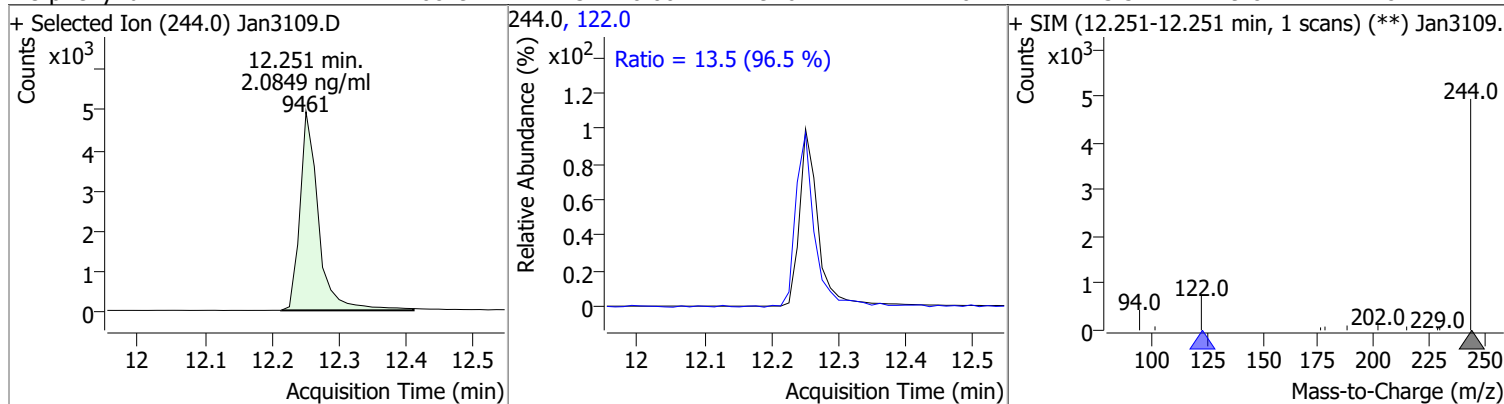
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	1.9782	11.41	0.00	21392	101.0	11.4	8.8	16.3



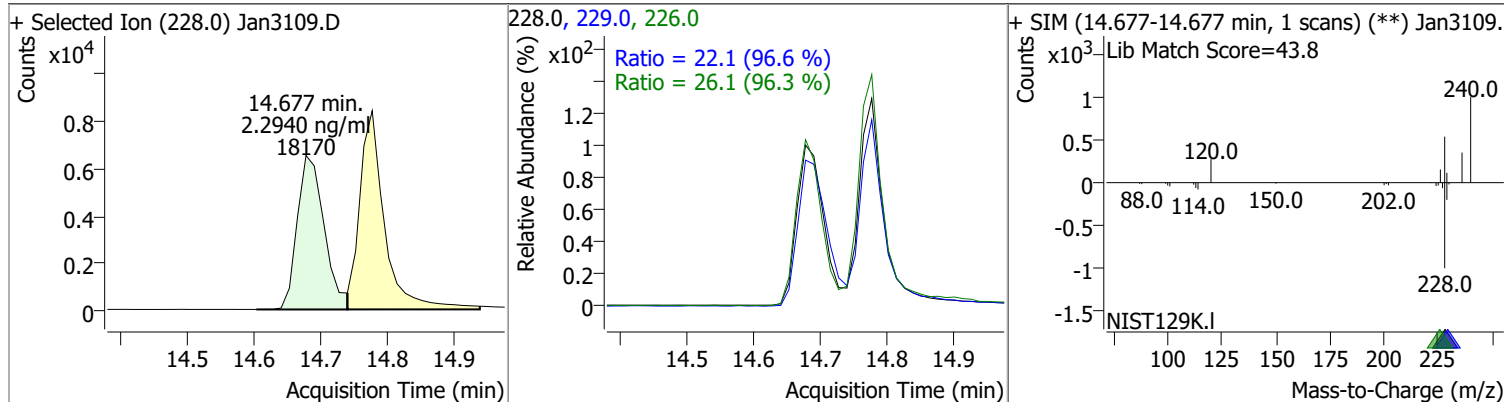
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	2.0967	11.78	0.00	24052	101.0	12.0	10.8	20.0



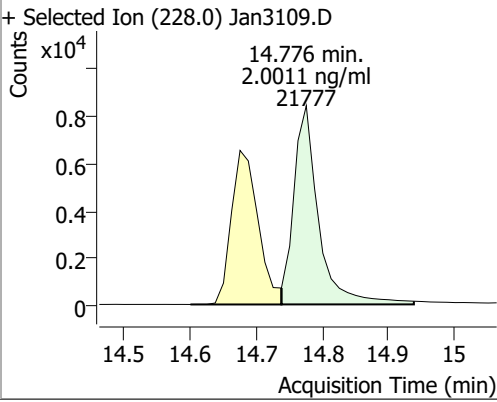
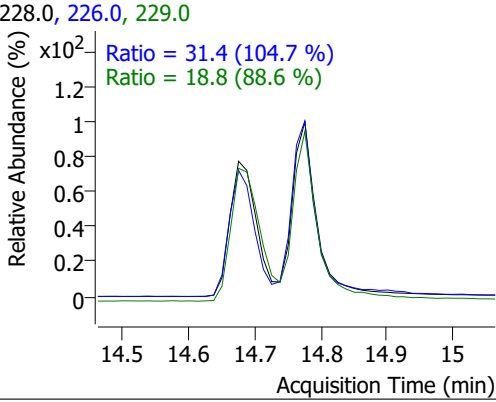
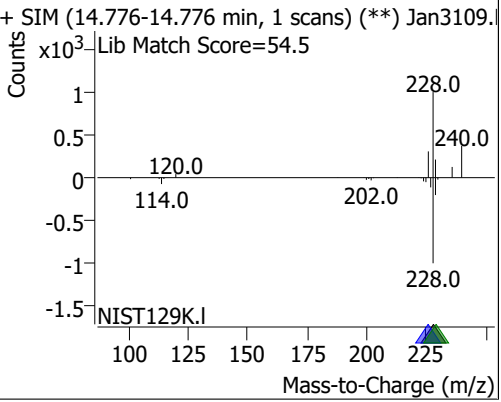
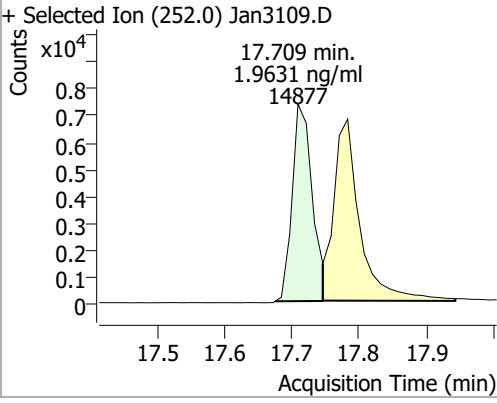
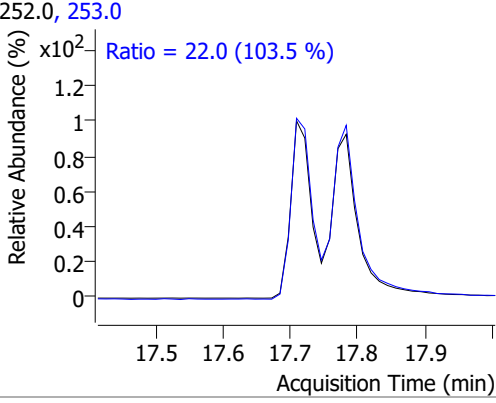
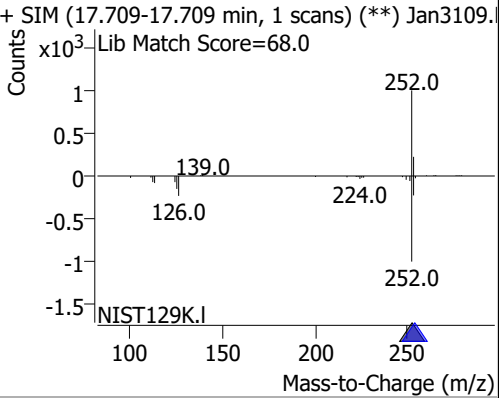
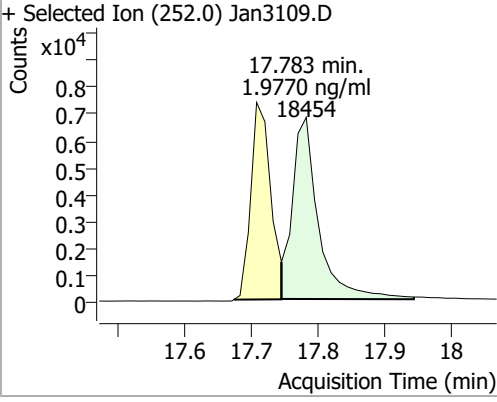
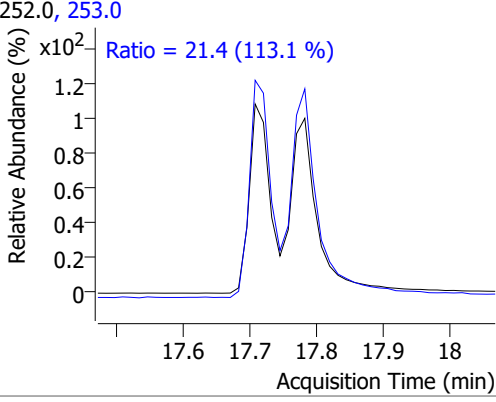
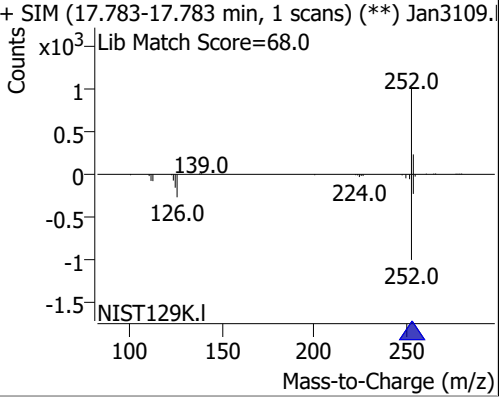
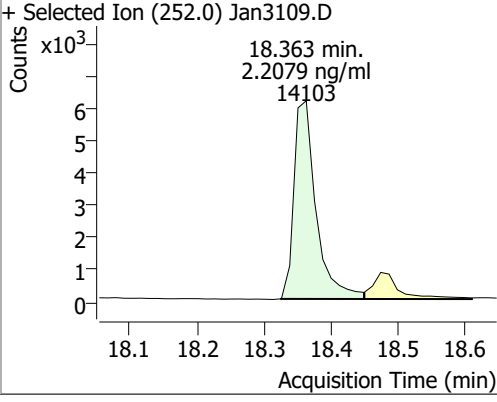
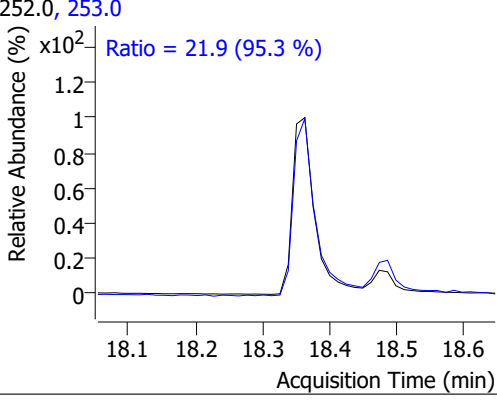
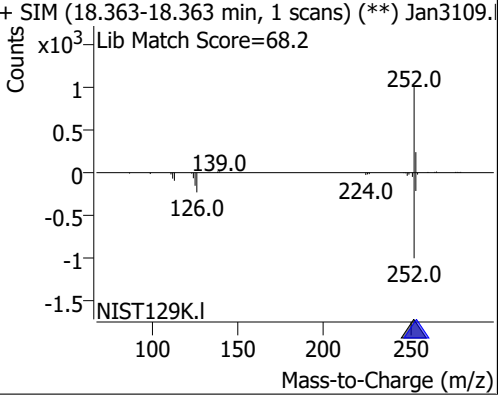
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	2.0849	12.25	0.00	9461	122.0	13.5	9.8	18.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	2.2940	14.68	0.00	18170	226.0	26.1	19.0	35.2
					229.0	22.1	16.0	29.7



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	2.0011	14.78	0.01	21777	226.0 229.0	31.4 18.8	21.0 14.8	39.1 27.6
+ Selected Ion (228.0) Jan3109.D 			228.0, 226.0, 229.0 			+ SIM (14.776-14.776 min, 1 scans) (**) Jan3109. Lib Match Score=54.5 		
Benzo(b)fluoranthene	1.9631	17.71	0.00	14877	253.0	22.0	14.9	27.7
+ Selected Ion (252.0) Jan3109.D 			252.0, 253.0 			+ SIM (17.709-17.709 min, 1 scans) (**) Jan3109. Lib Match Score=68.0 		
Benzo(k)fluoranthene	1.9770	17.78	0.01	18454	253.0	21.4	13.2	24.6
+ Selected Ion (252.0) Jan3109.D 			252.0, 253.0 			+ SIM (17.783-17.783 min, 1 scans) (**) Jan3109. Lib Match Score=68.0 		
Benzo(a)pyrene	2.2079	18.36	0.01	14103	253.0	21.9	16.1	29.9
+ Selected Ion (252.0) Jan3109.D 			252.0, 253.0 			+ SIM (18.363-18.363 min, 1 scans) (**) Jan3109. Lib Match Score=68.2 		



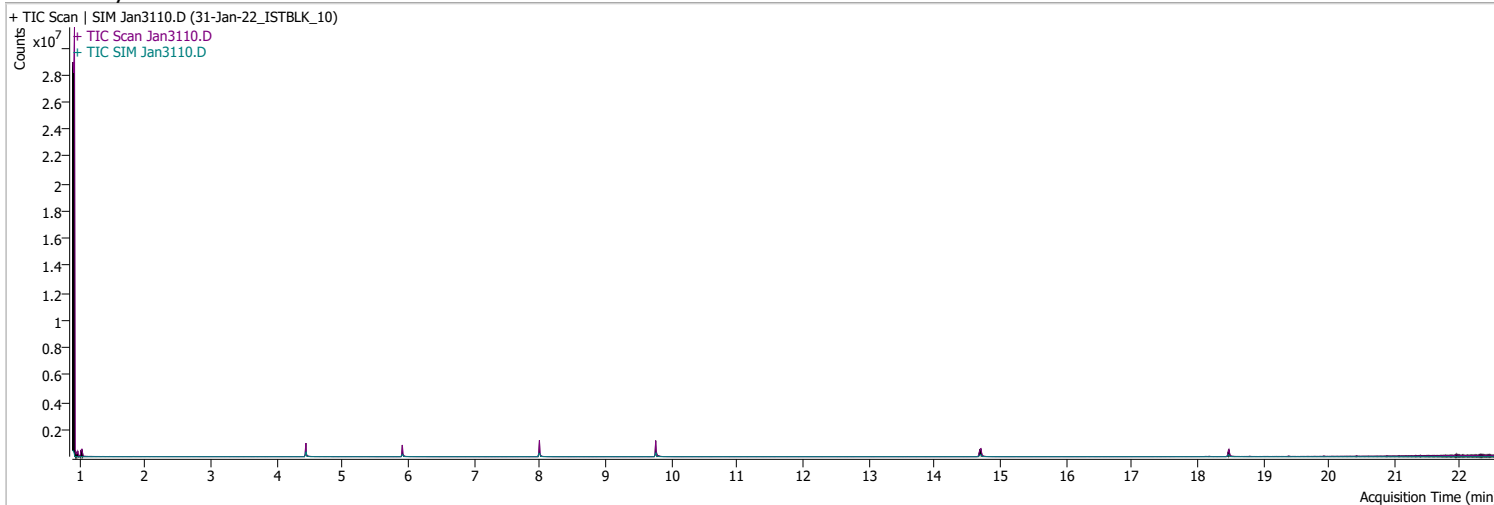
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	2.2395	20.22	0.00	12701	138.0	17.3	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan3109.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 17.3 (77.3 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.217-20.217 min, 1 scans) (**) Jan3109.I</p> <p>Lib Match Score=75.4</p> </div> </div>								
Dibenzo(a,h)anthracene	2.1031	20.28	0.00	13867	279.0	24.1	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan3109.D</p> </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 24.1 (97.1 %)</p> <p>Ratio = 14.3 (81.7 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.279-20.279 min, 1 scans) (**) Jan3109.I</p> <p>Lib Match Score=74.7</p> </div> </div>								
Benzo(g,h,i)perylene	1.9169	20.55	0.01	16055	277.0	24.9	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan3109.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 15.2 (74.1 %)</p> <p>Ratio = 24.9 (100.6 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.550-20.550 min, 1 scans) (**) Jan3109.I</p> <p>Lib Match Score=75.7</p> </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan3110.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/31/2022 4:47:17 PM
Sample Name	31-Jan-22_ISTBLK_10	Instrument	GCMS
Vial	3	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.447	152.0	126064	40.0000	ng/ml	-0.013
M Naphthalene-d8	5.916	136.0	219249	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.000	164.0	151248	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	337187	40.0000	ng/ml	0.000
M Chrysene-d12	14.701	240.0	262521	40.0000	ng/ml	0.000
M Perylene-d12	18.474	264.0	182687	40.0000	ng/ml	0.000

**System Monitoring Compounds**

S Nitrobenzene-d5	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = NA%		
S 2-Fluorobiphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = NA%		
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.263	244.0	0		ng/ml md	0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = NA%		

**Target Compounds**

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)	QValue
T Naphthalene	0.000		0	N.D.			
T 2-Methylnaphthalene	0.000		0	N.D.			
T 1-Methylnaphthalene	0.000		0	N.D.			
T Acenaphthylene	0.000		0	N.D.			
T Acenaphthene	8.025	154.0	0		ng/ml md		1
T Fluorene	0.000		0	N.D.			
T Phenanthrene	9.792	178.0	0		ng/ml md		1
T Anthracene	9.854	178.0	0		ng/ml md		1
T Fluoranthene	0.000		0	N.D.			
T Pyrene	0.000		0	N.D.			
T Benzo(a)Anthracene	14.701	228.0	0		ng/ml md		1
T Chrysene	14.764	228.0	0		ng/ml md		1
T Benzo(b)fluoranthene	17.721	252.0	0		ng/ml md		1

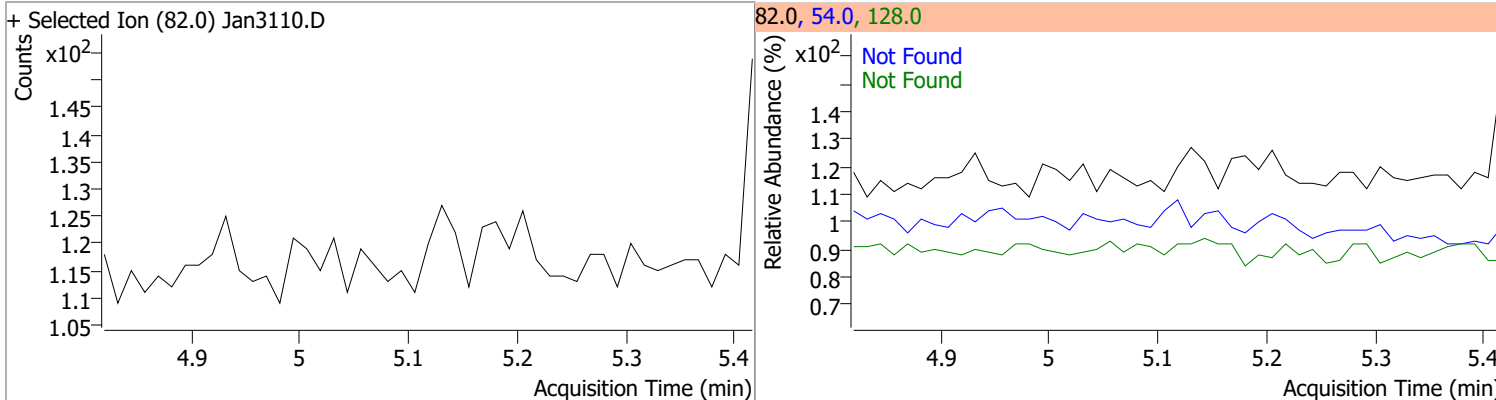
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.795	252.0	0		ng/ml	md
T Benzo(a)pyrene	18.363	252.0	0		ng/ml	md
T Indeno(1,2,3-cd)pyrene	20.229	276.0	0		ng/ml	md
T Dibenzo(a,h)anthracene	20.303	278.0	0		ng/ml	md
T Benzo(g,h,i)perylene	20.563	276.0	0		ng/ml	md

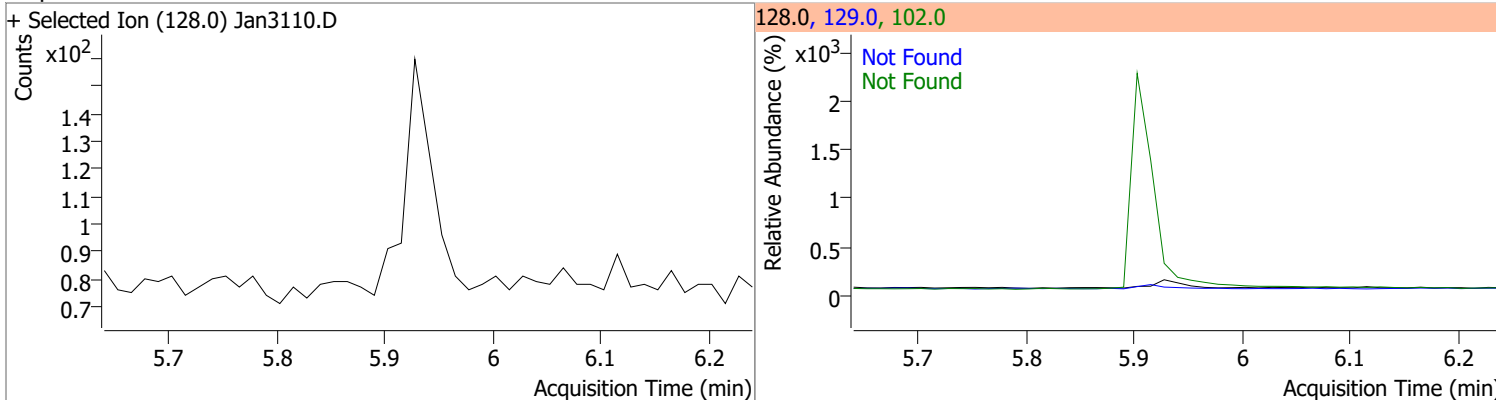
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

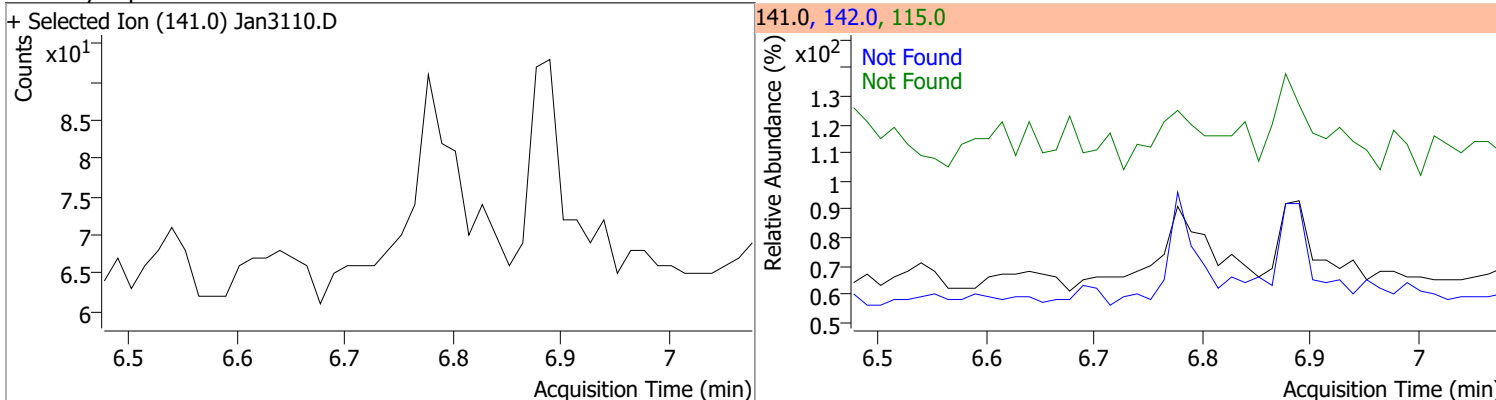
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Nitrobenzene-d5	N.D.	5.12	54.0	45.2	128.0	27.6



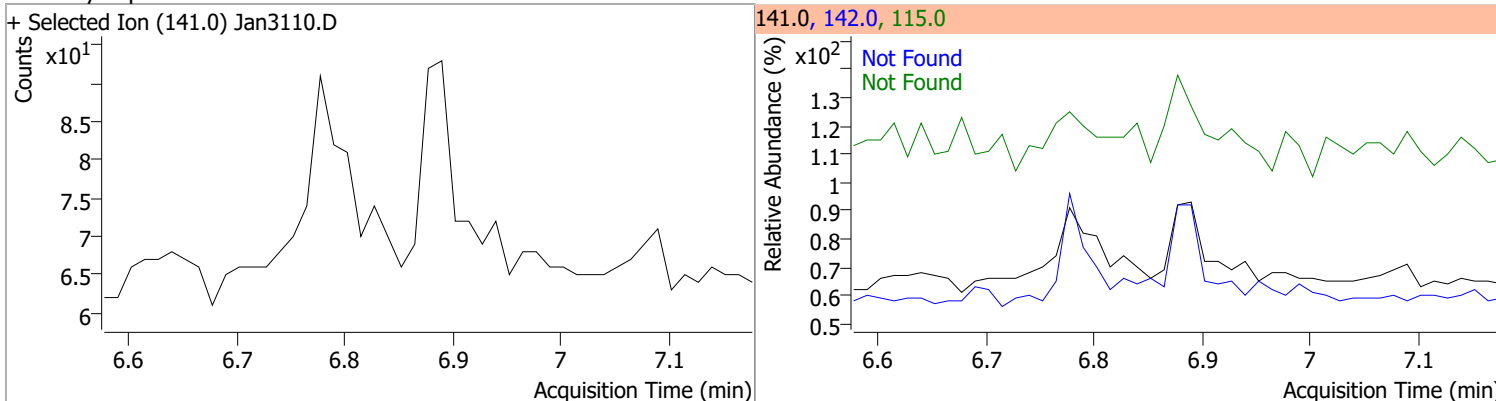
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1

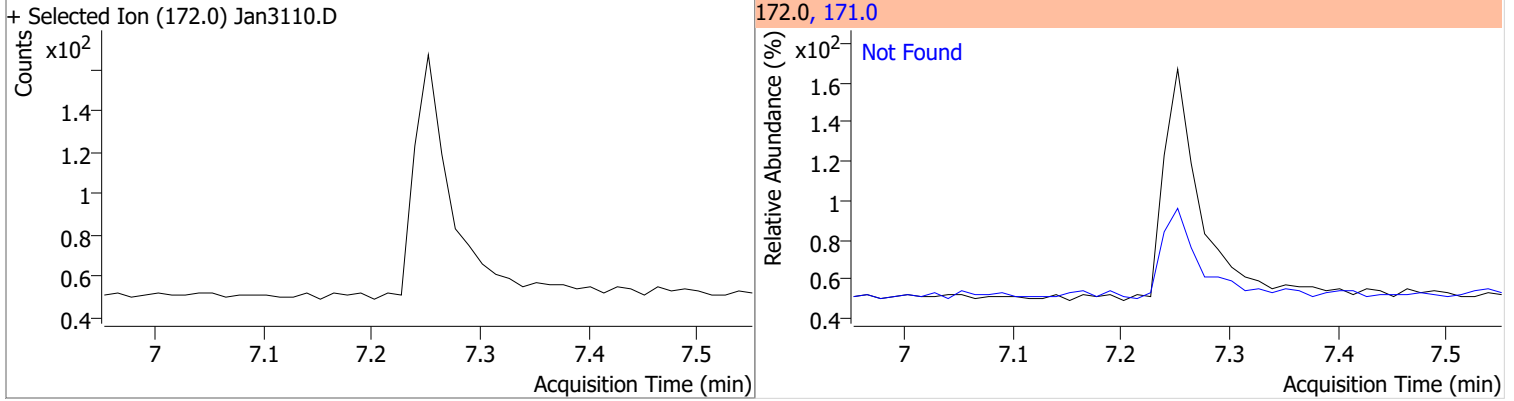


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3

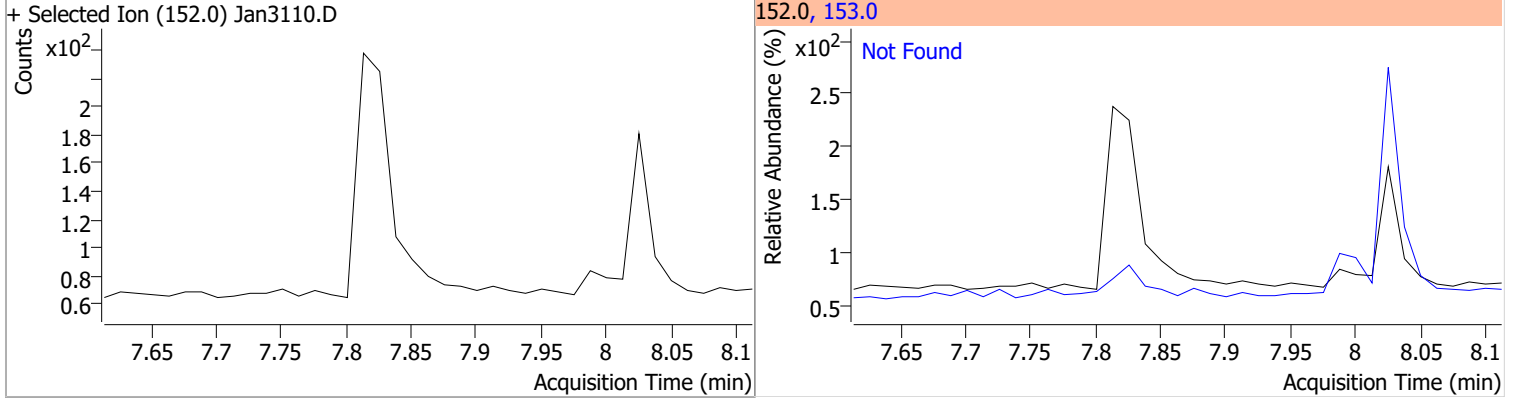


# Quantitation Results Report (QT Reviewed)

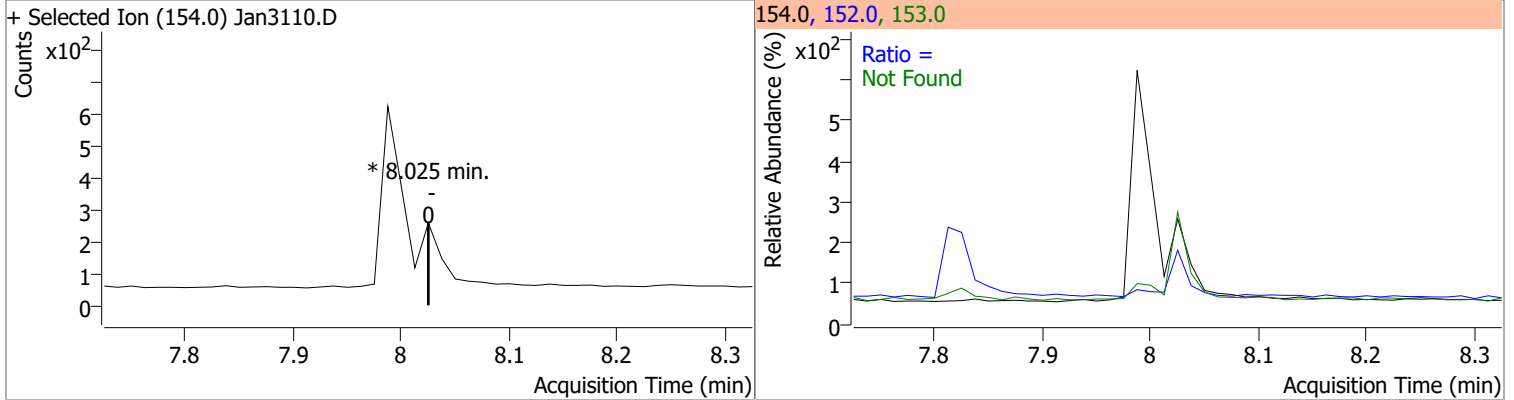
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Fluorobiphenyl	N.D.	7.25	171.0	36.6



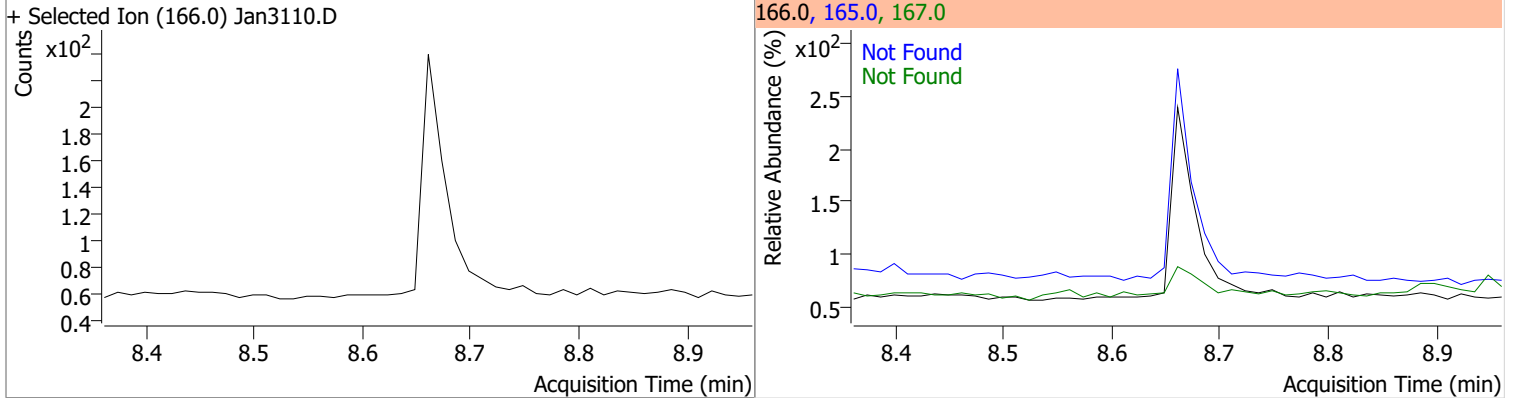
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.81	153.0	13.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		83.9	155.8
					152.0		40.9	76.0

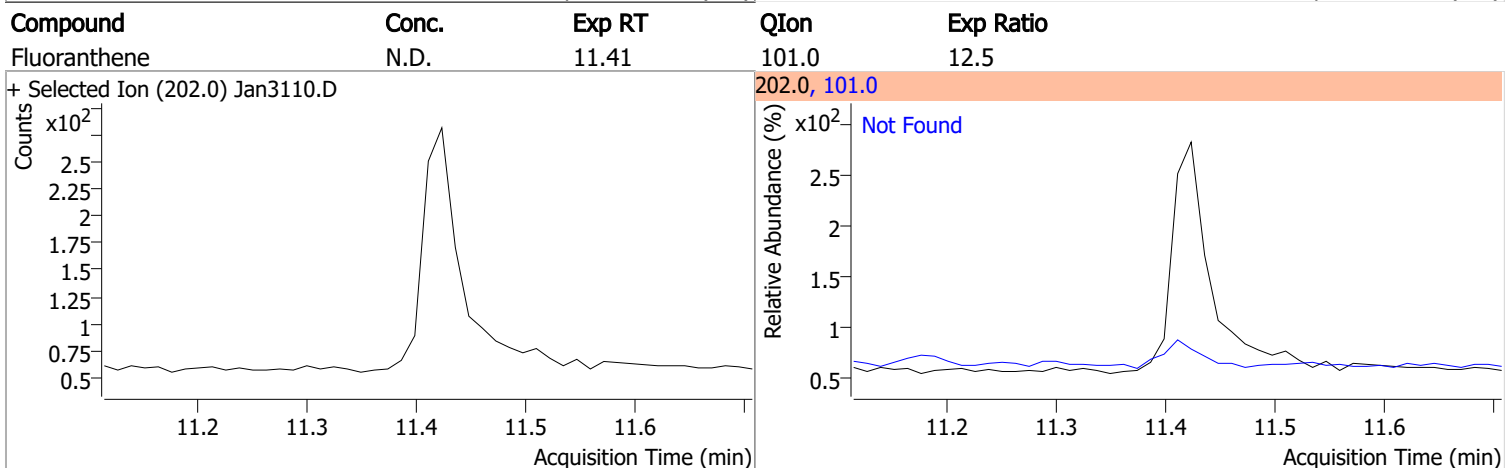
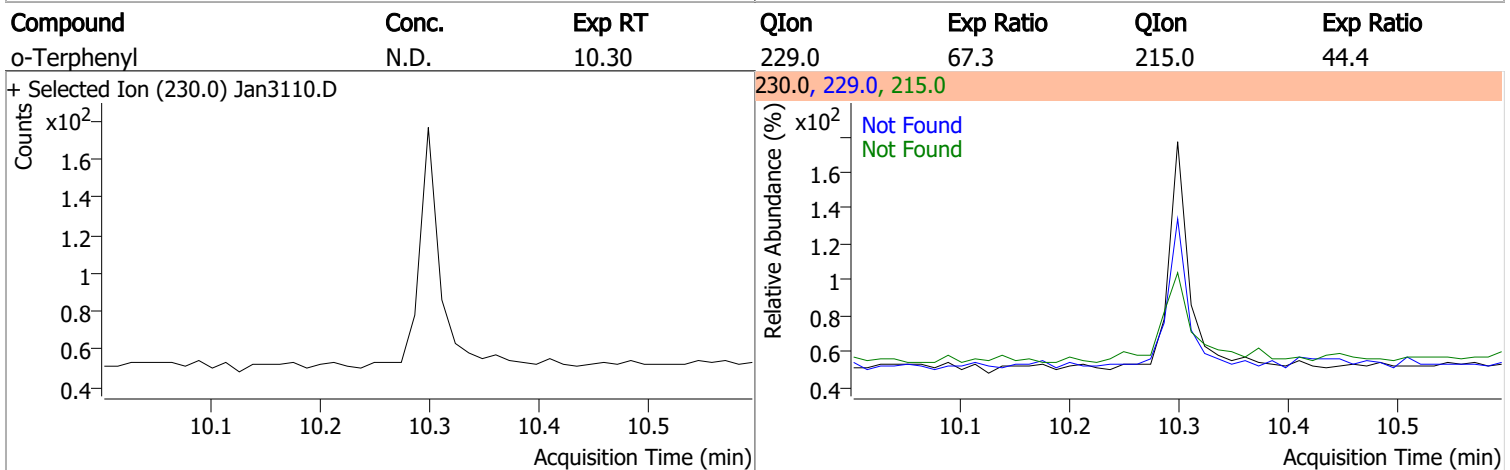
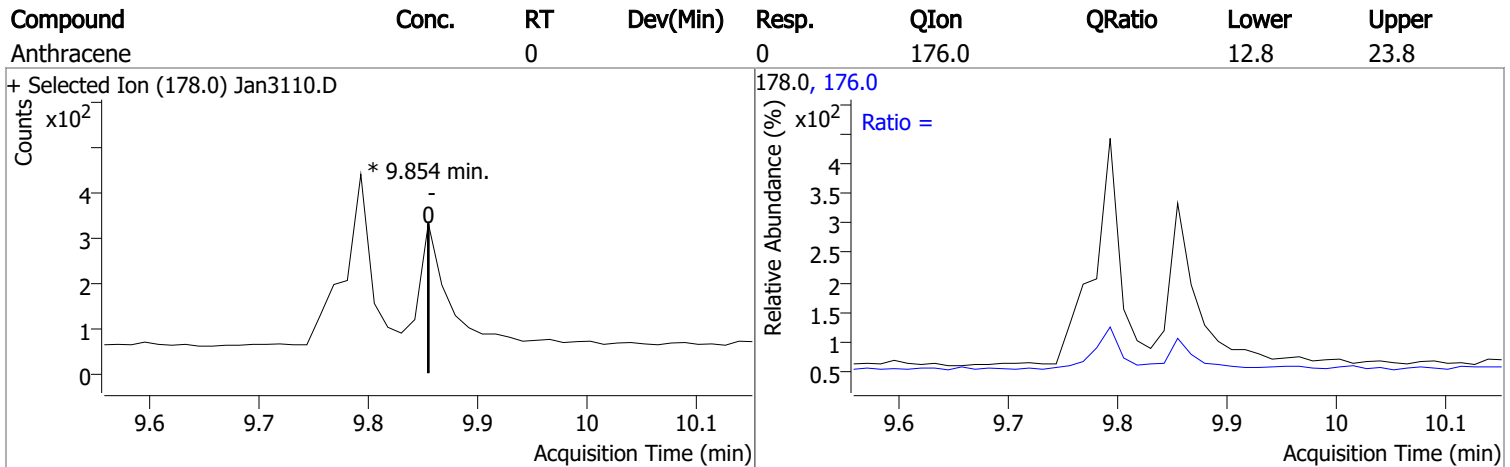
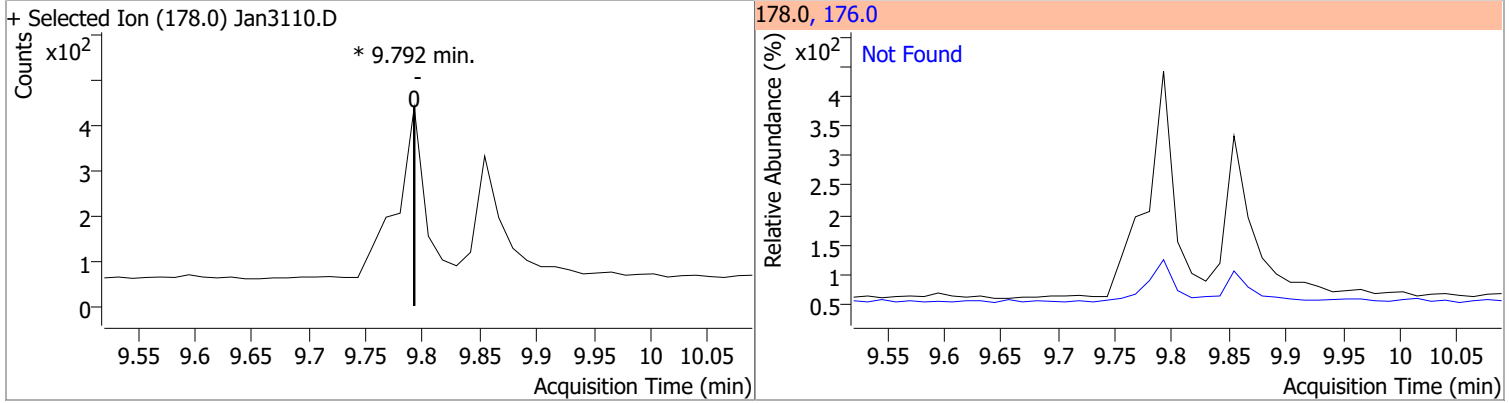


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Fluorene	N.D.	8.66	165.0	95.7	167.0	13.2



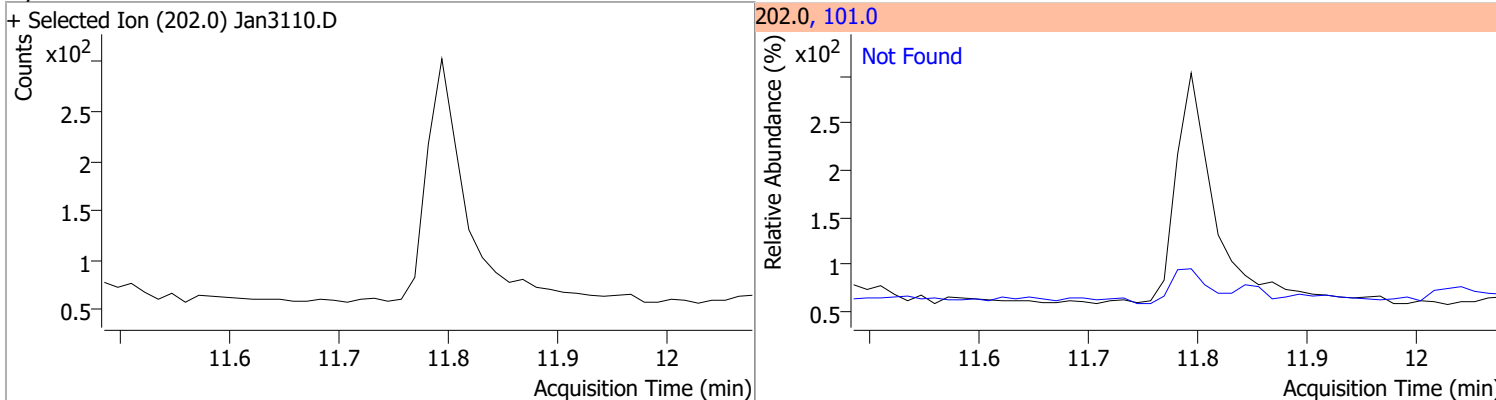
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	0	0		0	176.0		13.2	24.6

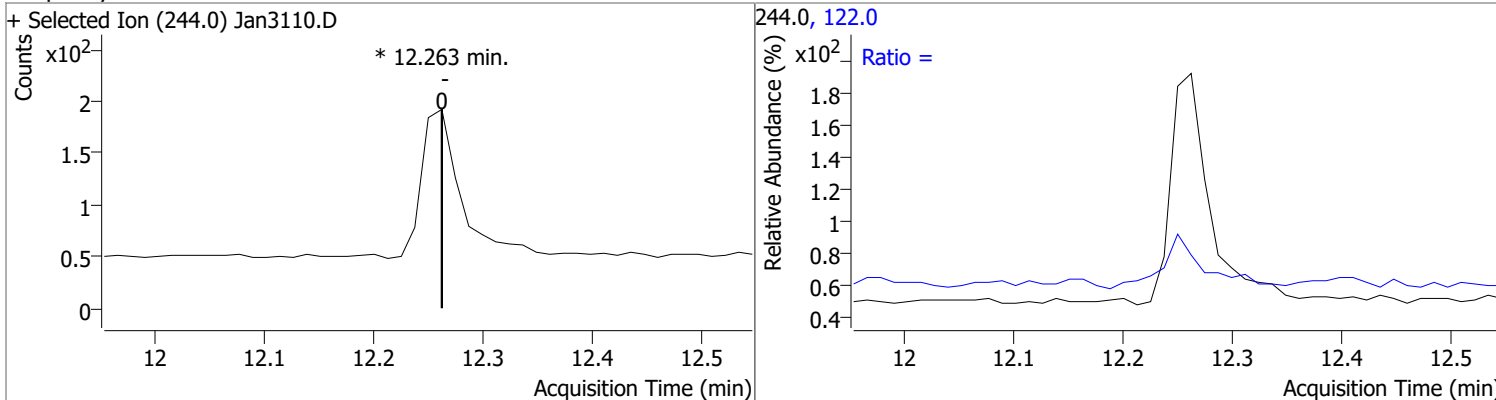


# Quantitation Results Report (QT Reviewed)

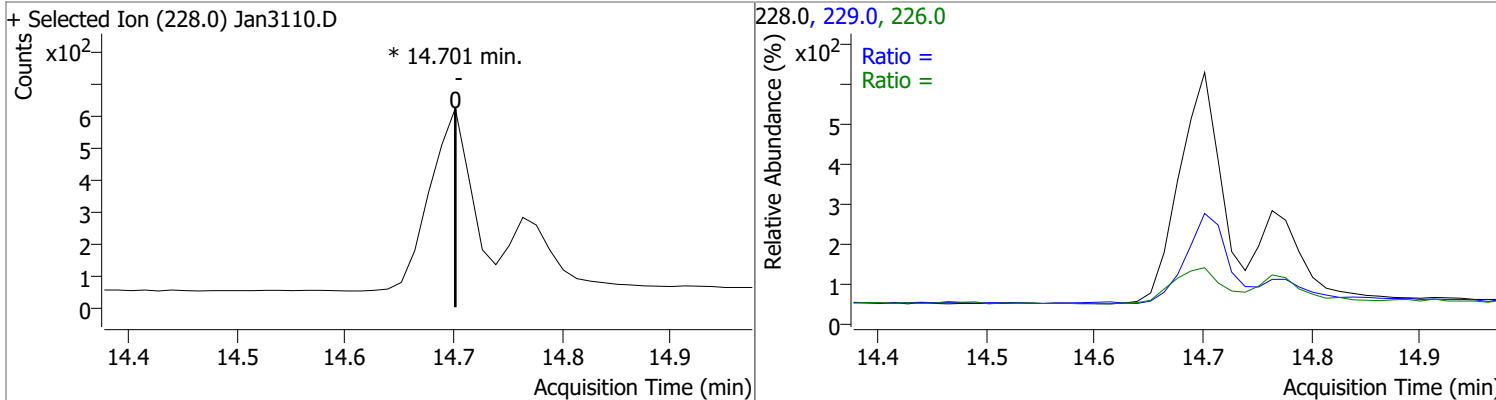
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.78	101.0	15.4



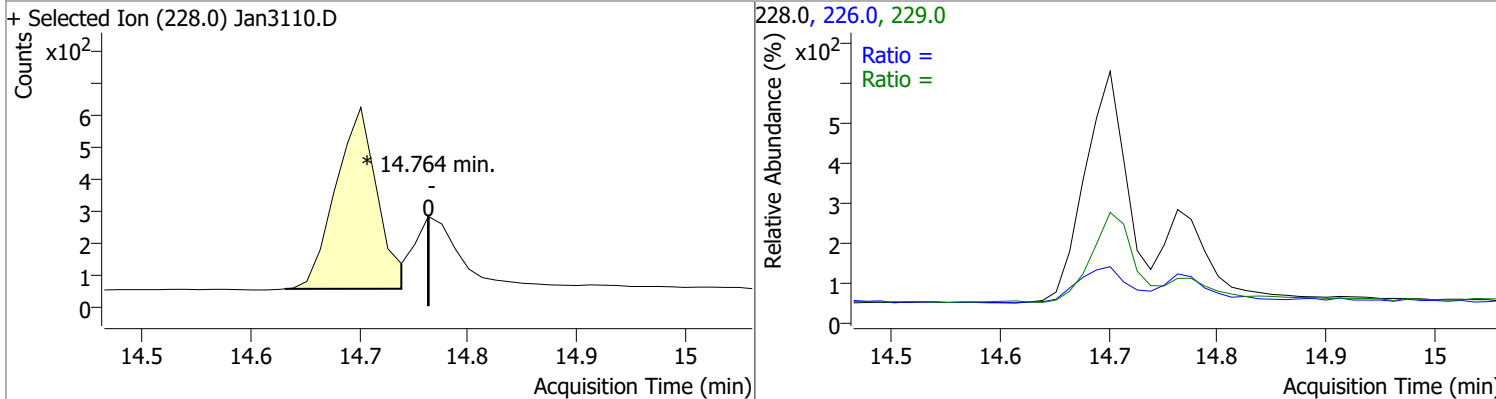
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14		0		0	122.0		9.8	18.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene		0		0	226.0		19.0	35.2
					229.0		16.0	29.7

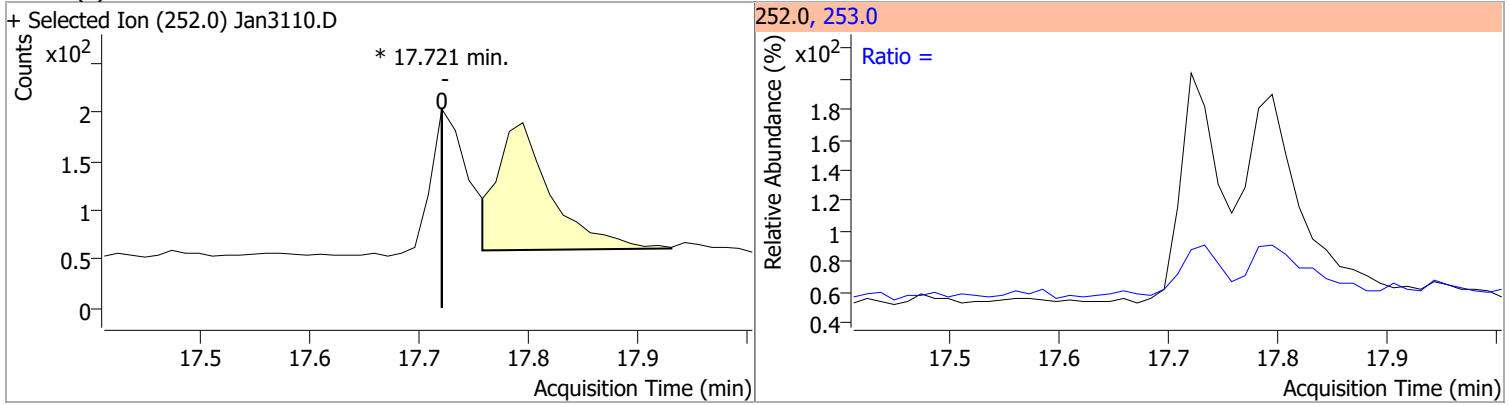


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene		0		0	226.0		21.0	39.1
					229.0		14.8	27.6

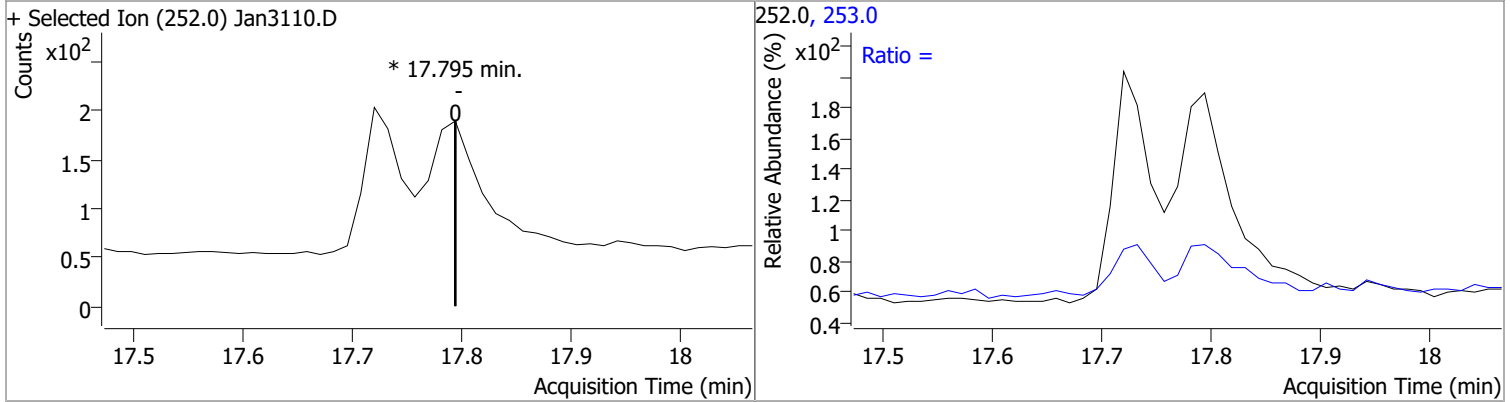


# Quantitation Results Report (QT Reviewed)

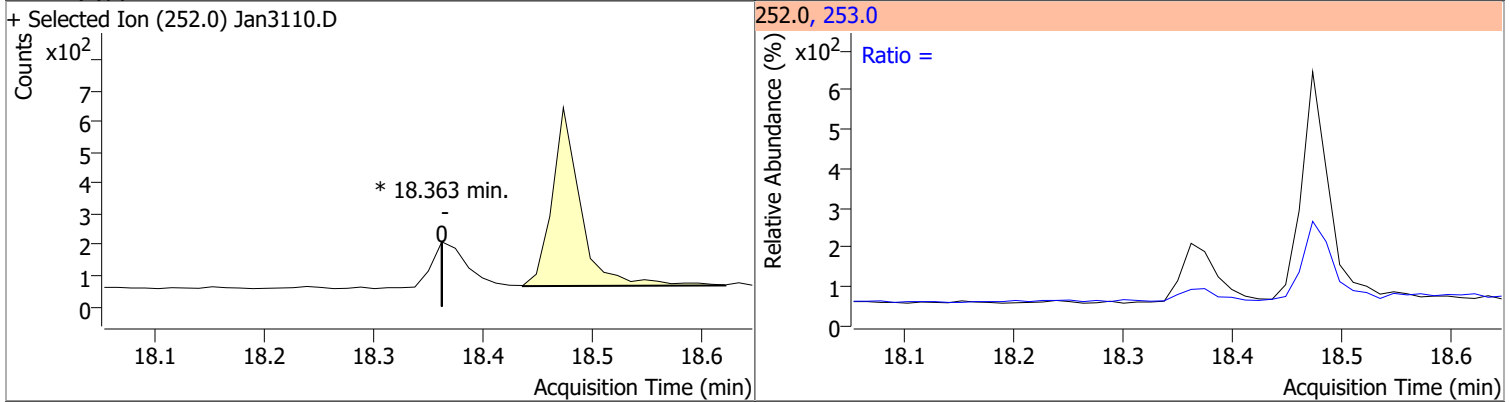
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	0	17.721		0	253.0		14.9	27.7



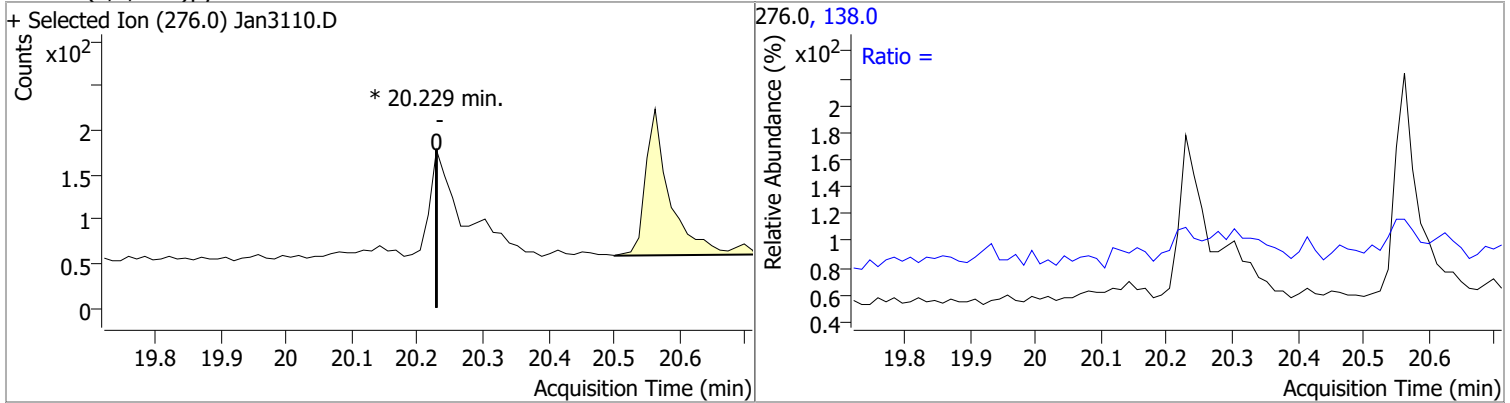
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	0	17.795		0	253.0		13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	0	18.363		0	253.0		16.1	29.9



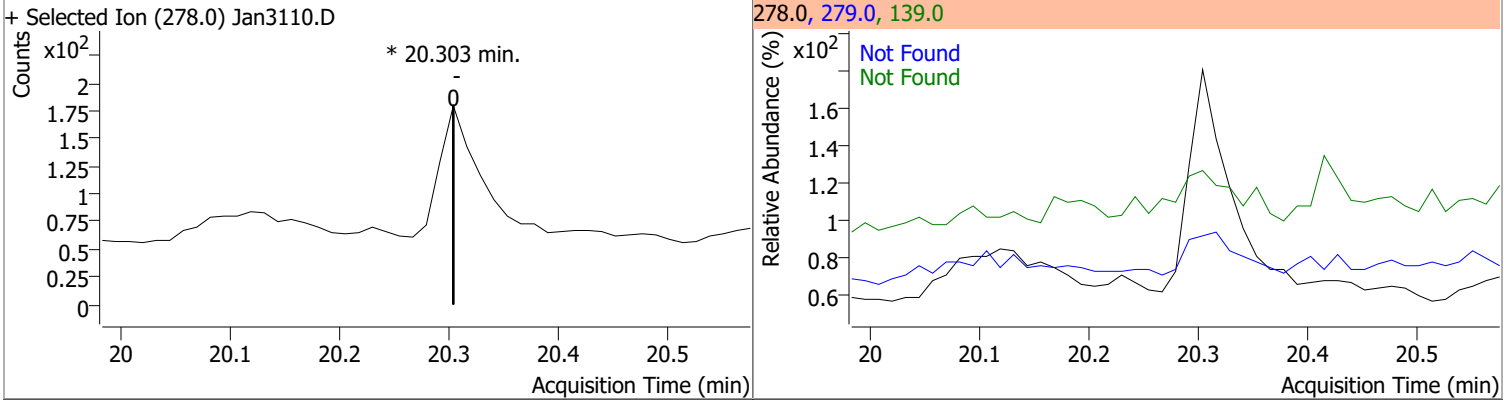
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	0	20.229		0	138.0		15.7	29.1



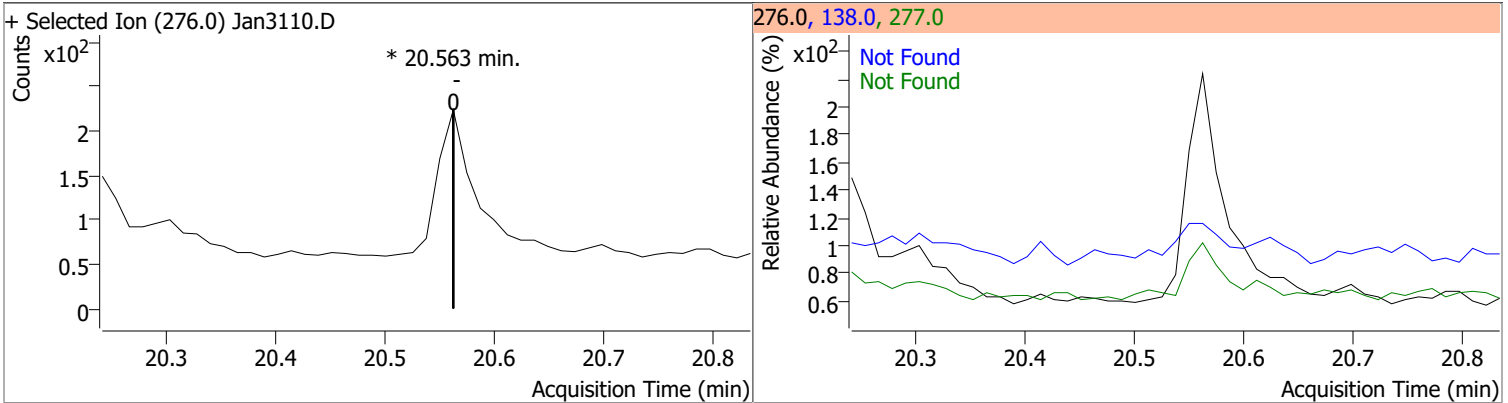


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene		0		0	279.0		17.4	32.3
					139.0		12.3	22.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene		0		0	277.0		17.3	32.2
					138.0		14.4	26.7

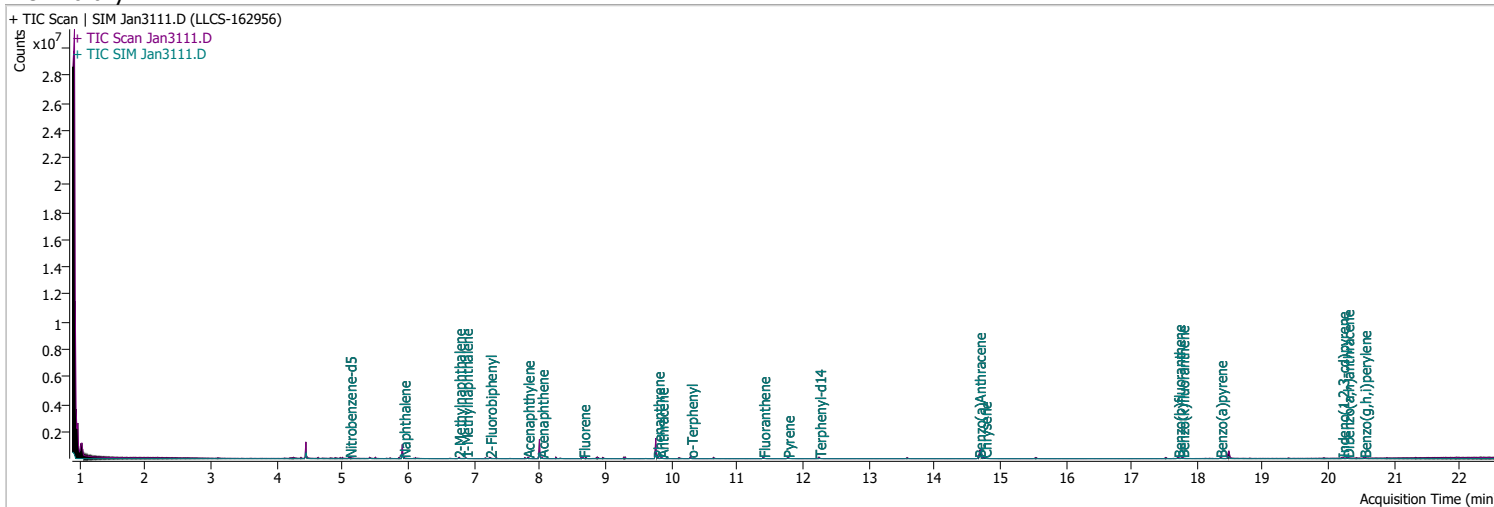


# Quantitation Results Report (QT Reviewed)

**Data File** Jan3111.D  
**Acq. Method** 5975BNASIM  
**Sample Name** LLCS-162956  
**Vial** 4  
**DA Method File** 012622 bna SIM 2.batch.bin  
**Tune File** dftppjph.u  
**Batch Name** 013122 bna SIM 2.batch.bin

**Operator** LIMS import  
**Acq. Date-Time** 1/31/2022 5:19:54 PM  
**Instrument** GCMS  
**Multiplier** 1.00  
**Comment** SVOC-8270C-SIM-W-LLPAH  
**Tune Date**  
**Last Calib Update** 1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.447	152.0	131080	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.916	136.0	227801	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	149156	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	351526	40.0000	ng/ml	0.000
M Chrysene-d12	14.702	240.0	271109	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	187649	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	15750	4.8076	ng/ml	-0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 96.15%		
S 2-Fluorobiphenyl	7.240	172.0	29054	4.9628	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 99.26%		*
S o-Terphenyl	10.299	230.0	27189	5.1355	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 102.71%		
S Terphenyl-d14	12.251	244.0	26313	5.8504	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 117.01%		*
<b>Target Compounds</b>						
T Naphthalene	5.928	128.0	22642	3.8861	ng/ml	96
T 2-Methylnaphthalene	6.765	141.0	14308	4.0552	ng/ml	89
T 1-Methylnaphthalene	6.877	141.0	14174	3.9589	ng/ml	93
T Acenaphthylene	7.814	152.0	33132	4.8229	ng/ml	98
T Acenaphthene	8.025	154.0	20247	4.8511	ng/ml	98
T Fluorene	8.661	166.0	27208	4.7375	ng/ml	98
T Phenanthrene	9.793	178.0	47887	5.2226	ng/ml	100
T Anthracene	9.854	178.0	46435	5.7280	ng/ml	95
T Fluoranthene	11.398	202.0	59425	5.5294	ng/ml	97
T Pyrene	11.769	202.0	63904	5.5457	ng/ml	95
T Benzo(a)Anthracene	14.677	228.0	46940	6.0165	ng/ml	98
T Chrysene	14.764	228.0	59571	5.7204	ng/ml	98
T Benzo(b)fluoranthene	17.709	252.0	44168	5.6809	ng/ml	100

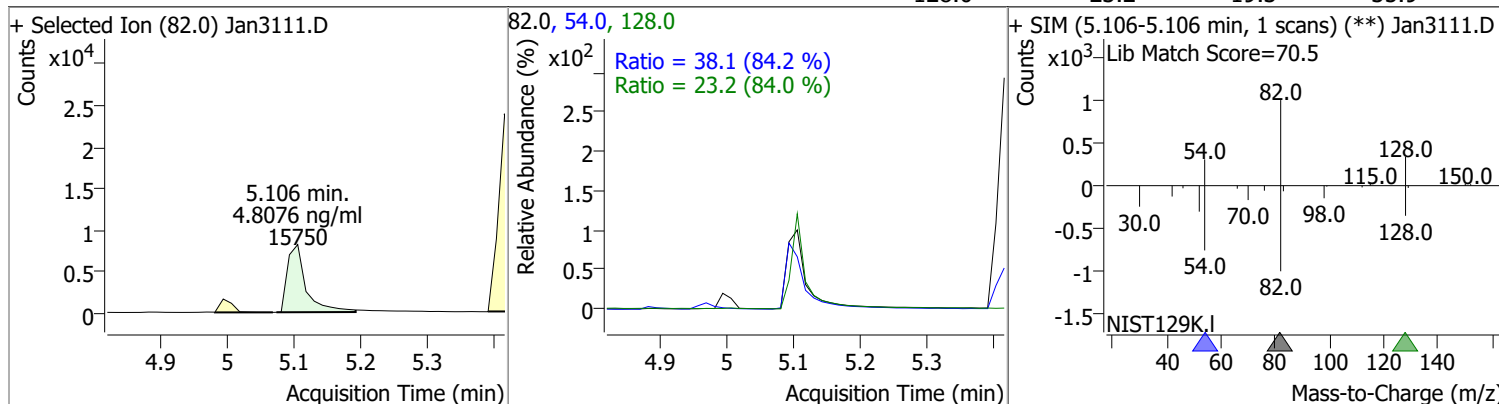
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	48442	5.4153	ng/ml	94
T Benzo(a)pyrene	18.351	252.0	36043	5.5894	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.204	276.0	33183	5.7279	ng/ml	91
T Dibenzo(a,h)anthracene	20.279	278.0	38276	5.9337	ng/ml	98
T Benzo(g,h,i)perylene	20.538	276.0	46013	5.6394	ng/ml	96

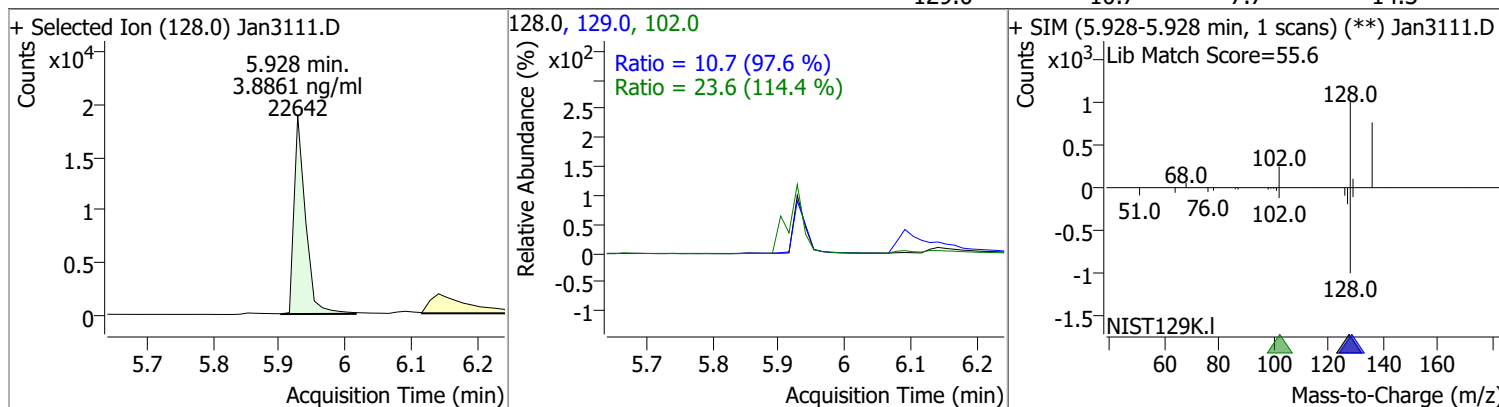
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

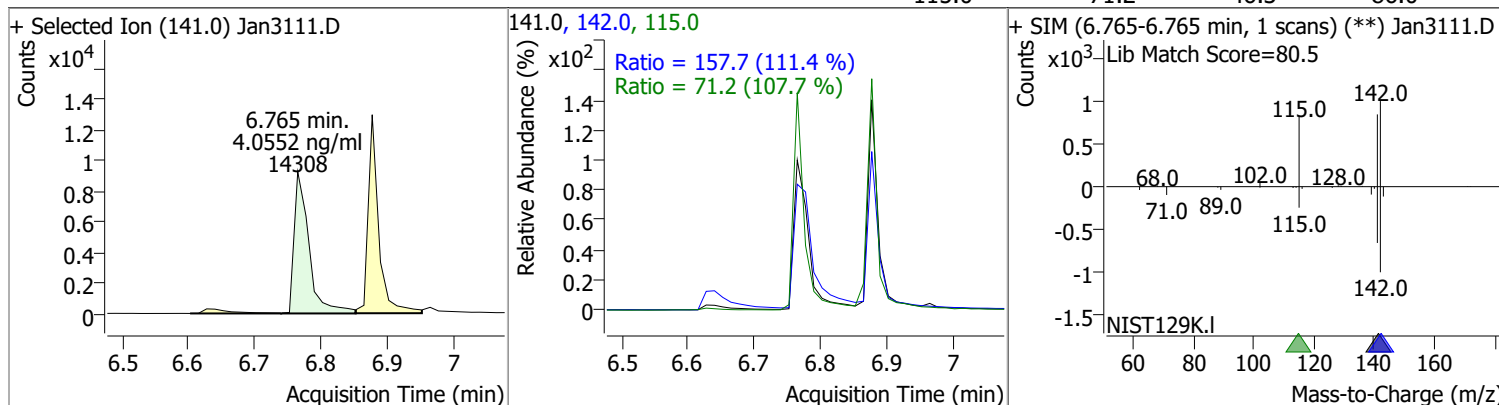
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	4.8076	5.11	-0.01	15750	54.0	38.1	31.6	58.8
					128.0	23.2	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.8861	5.93	-0.01	22642	102.0	23.6	0.0	61.8
					129.0	10.7	7.7	14.3

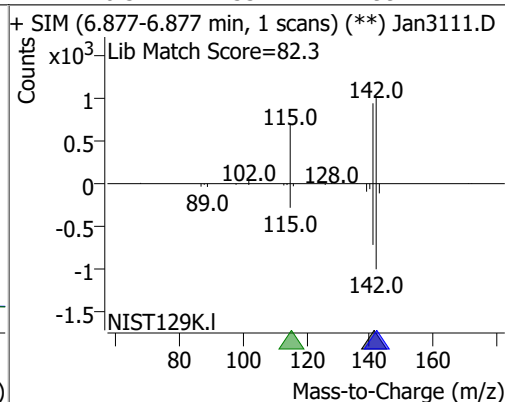
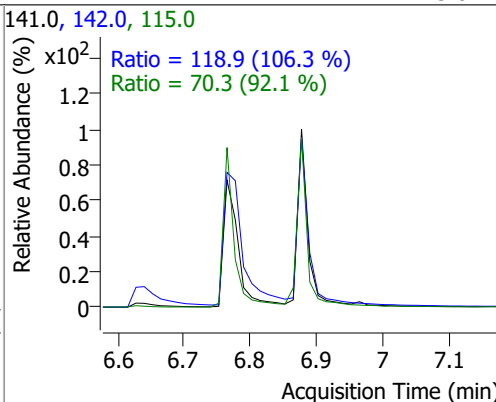
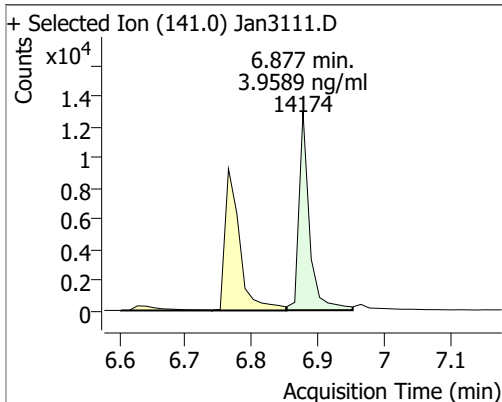


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	4.0552	6.77	-0.01	14308	142.0	157.7	99.1	184.0
					115.0	71.2	46.3	86.0

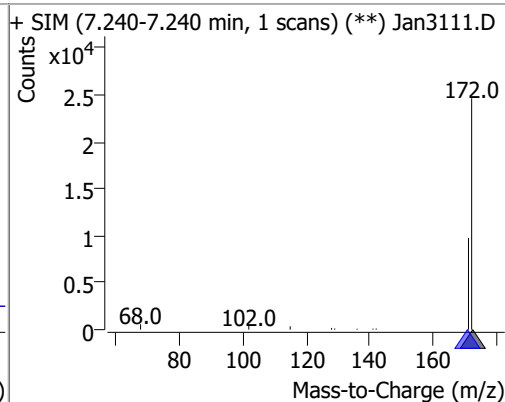
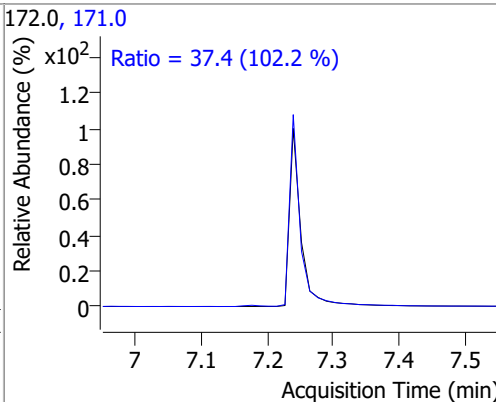
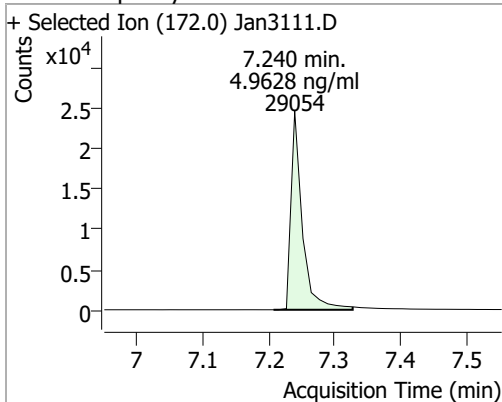


# Quantitation Results Report (QT Reviewed)

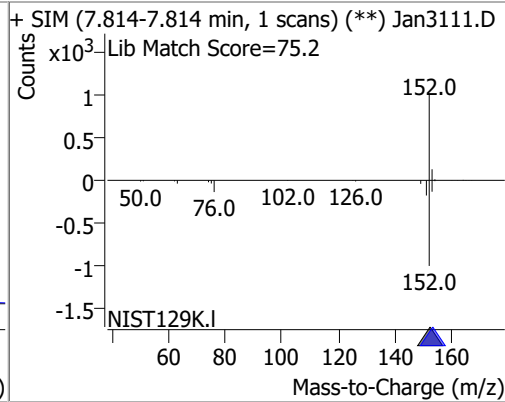
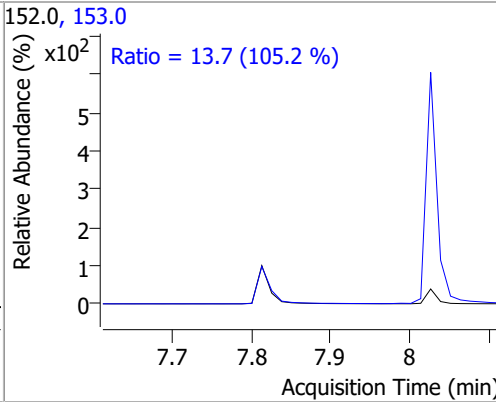
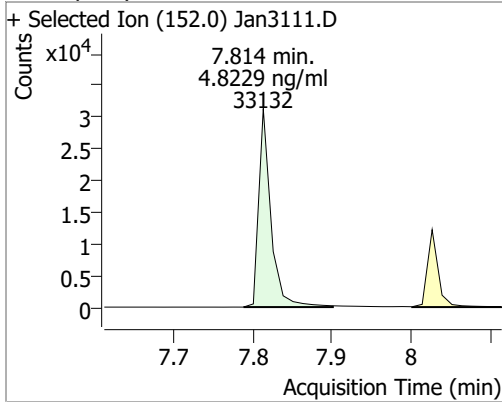
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	3.9589	6.88	0.00	14174	142.0 115.0	118.9 70.3	78.3 53.4	145.5 99.2



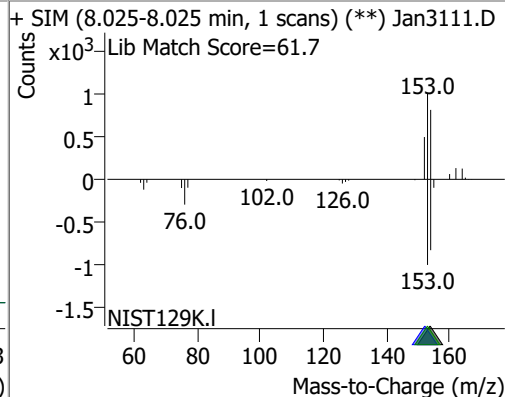
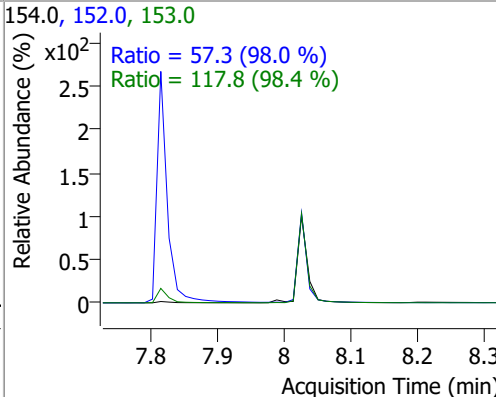
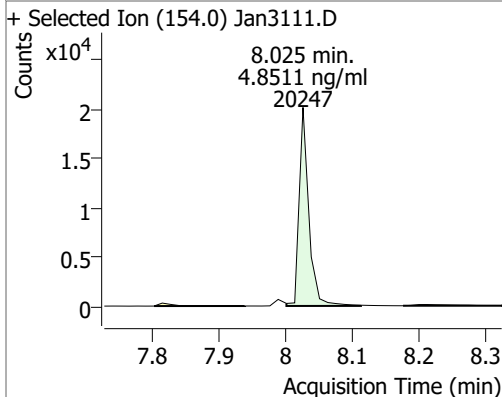
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	4.9628	7.24	-0.01	29054	171.0	37.4	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	4.8229	7.81	0.00	33132	153.0	13.7	9.1	17.0

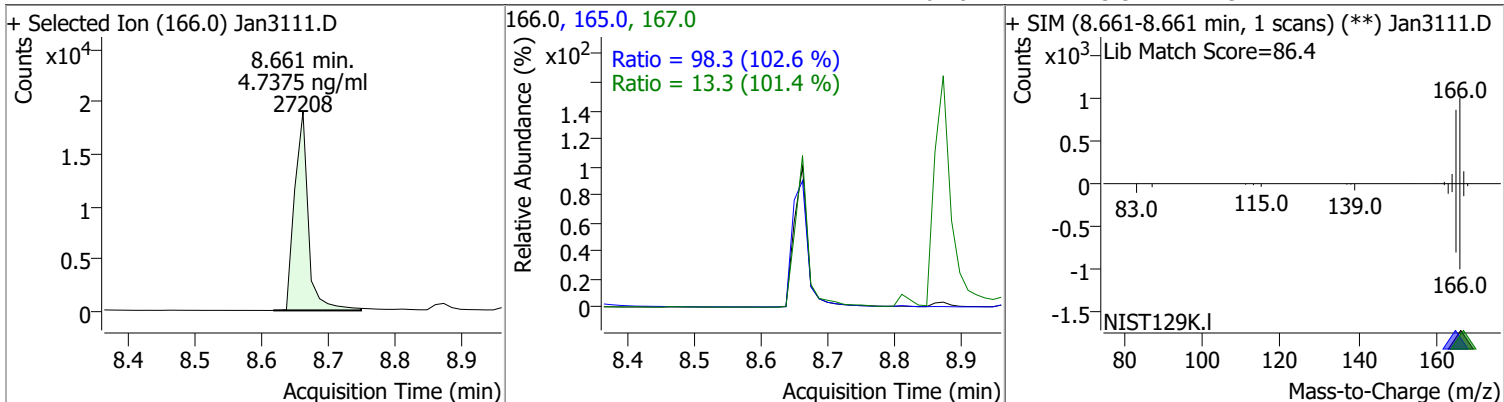


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	4.8511	8.03	0.00	20247	153.0 152.0	117.8 57.3	83.9 40.9	155.8 76.0

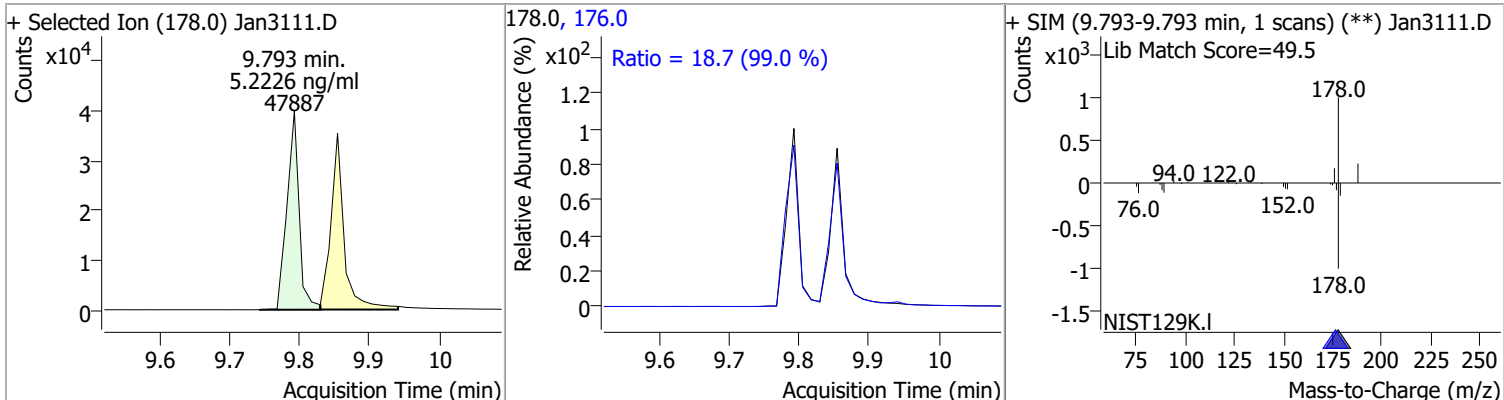


# Quantitation Results Report (QT Reviewed)

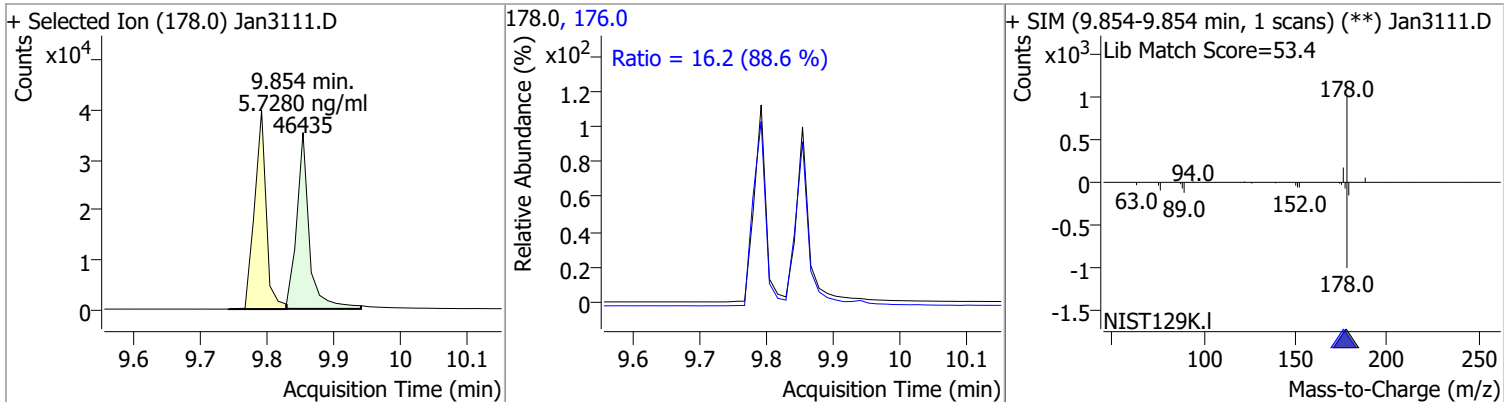
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	4.7375	8.66	0.00	27208	165.0	98.3	67.0	124.5
					167.0	13.3	9.2	17.1



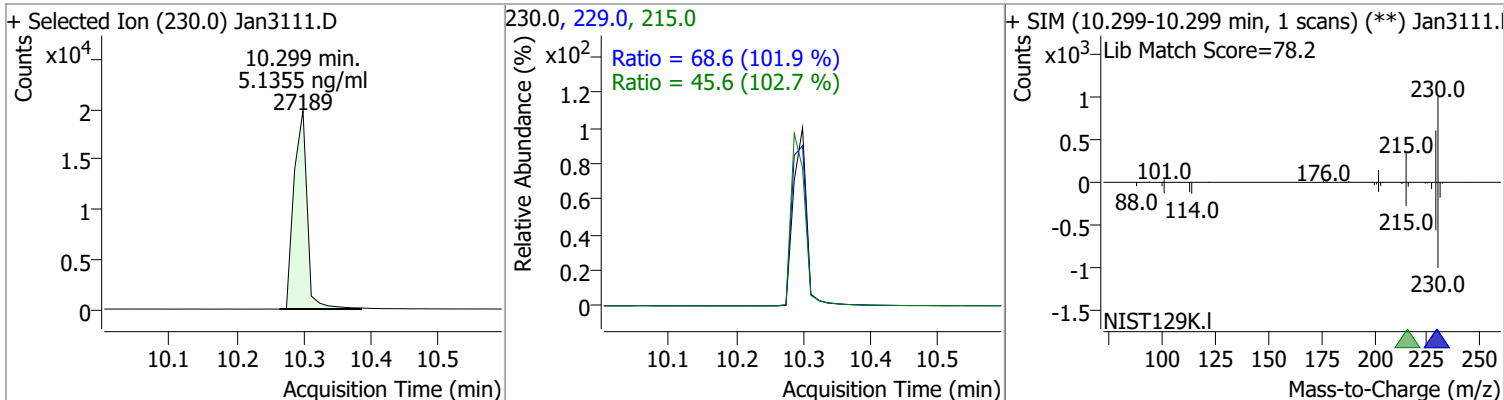
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	5.2226	9.79	0.00	47887	176.0	18.7	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	5.7280	9.85	0.00	46435	176.0	16.2	12.8	23.8

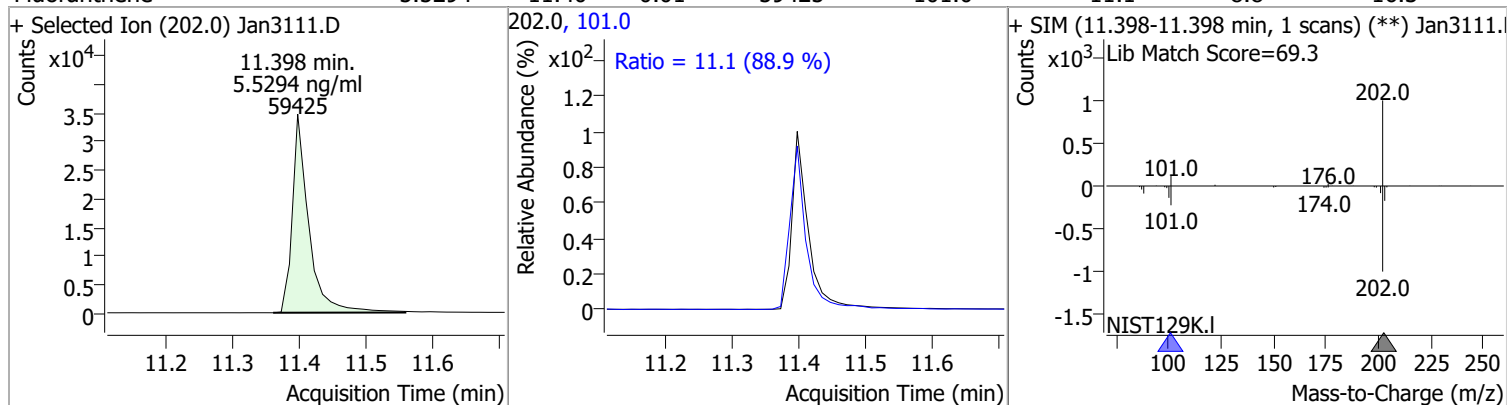


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	5.1355	10.30	0.00	27189	229.0	68.6	47.1	87.5
					215.0	45.6	31.1	57.7

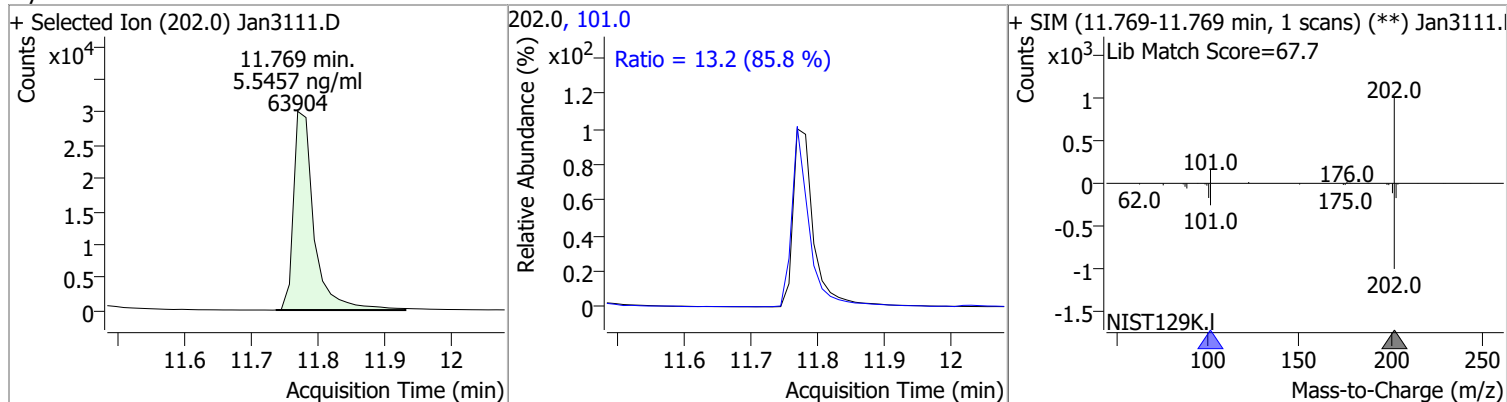


# Quantitation Results Report (QT Reviewed)

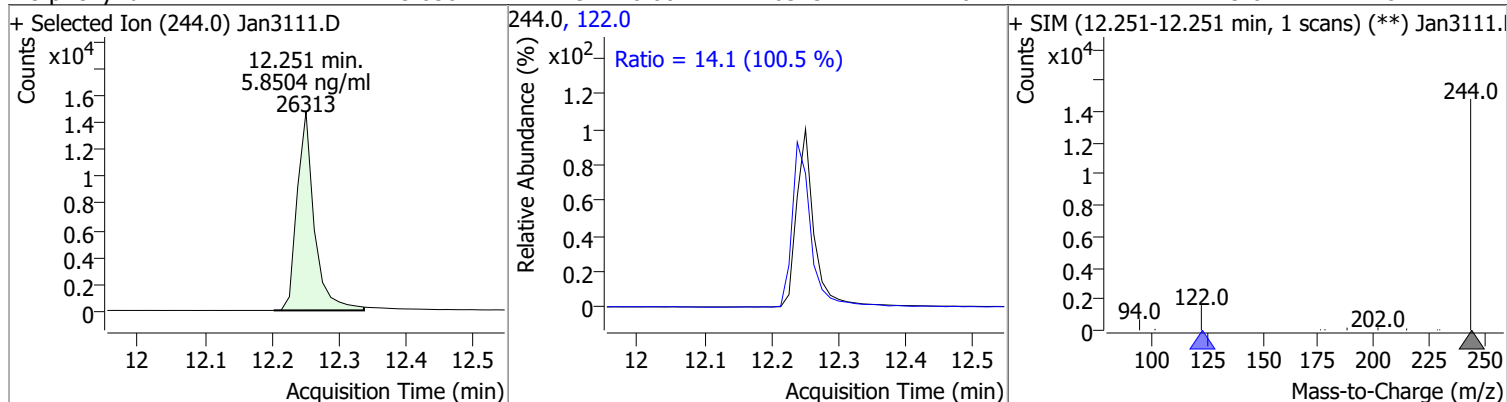
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	5.5294	11.40	-0.01	59425	101.0	11.1	8.8	16.3



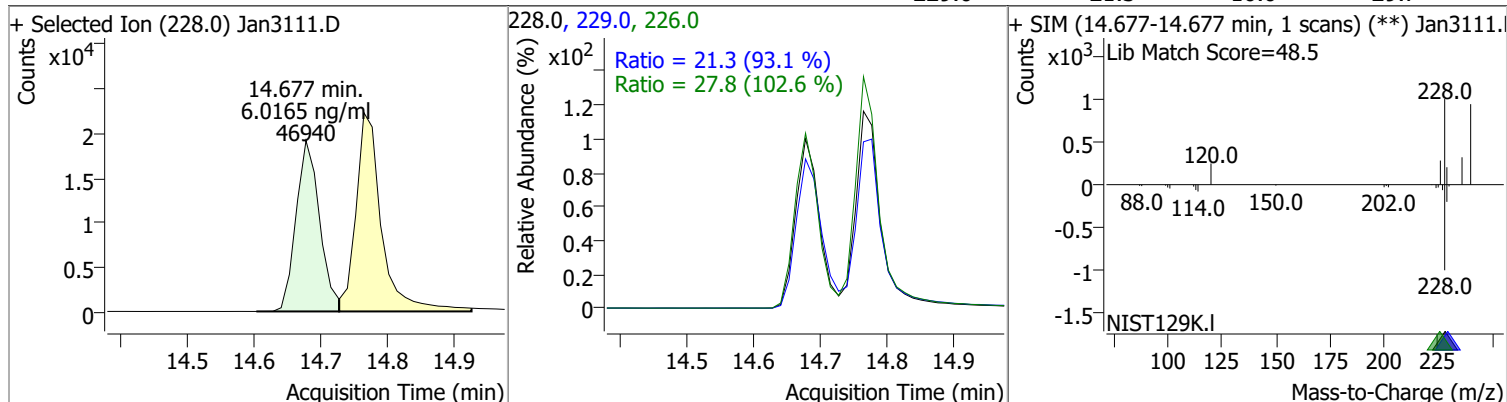
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	5.5457	11.77	-0.01	63904	101.0	13.2	10.8	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	5.8504	12.25	0.00	26313	122.0	14.1	9.8	18.2

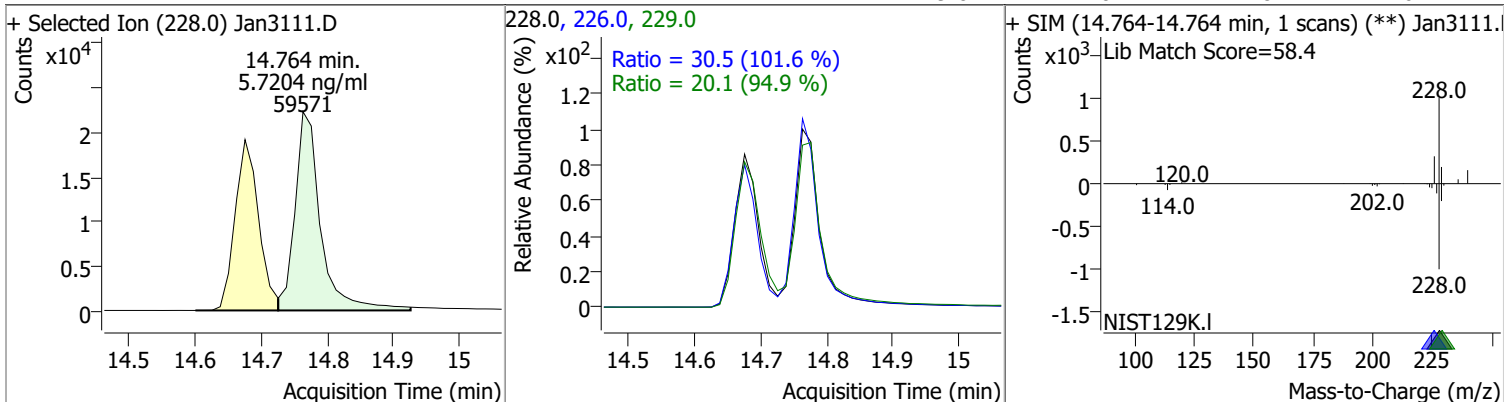


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	6.0165	14.68	0.00	46940	226.0 229.0	27.8 21.3	19.0 16.0	35.2 29.7

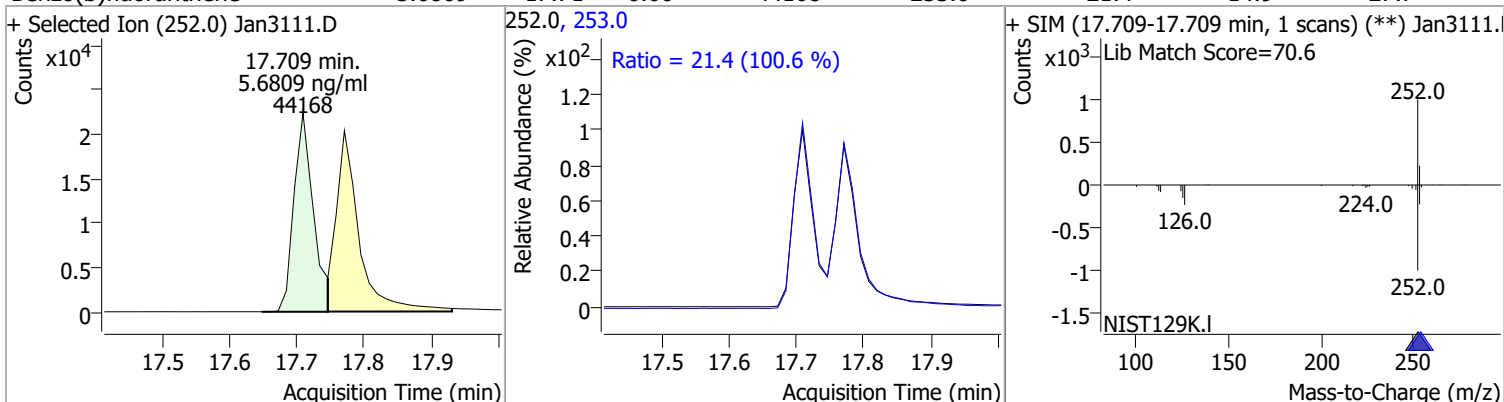


# Quantitation Results Report (QT Reviewed)

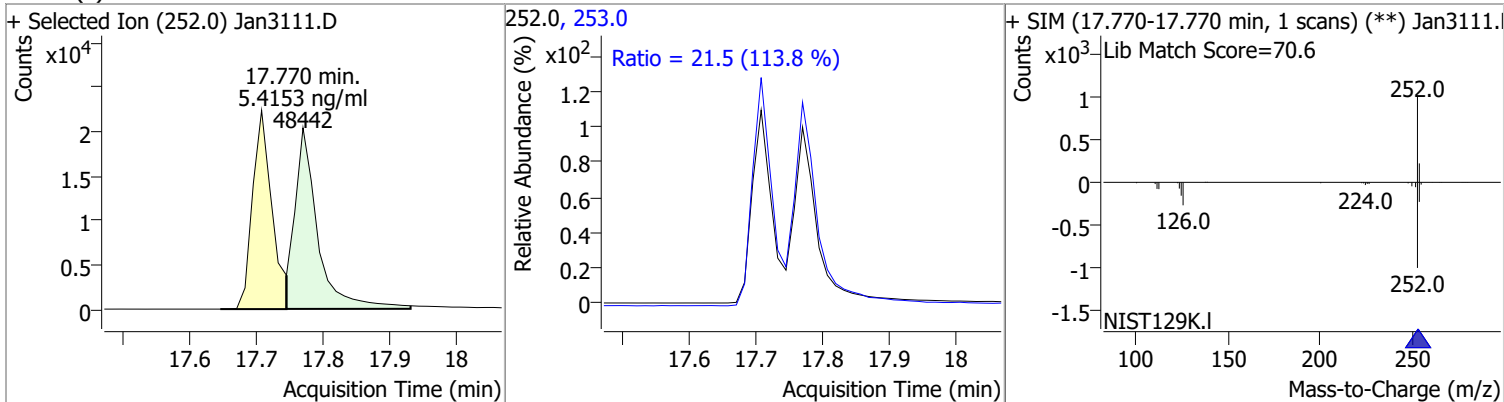
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	5.7204	14.76	0.00	59571	226.0	30.5	21.0	39.1
					229.0	20.1	14.8	27.6



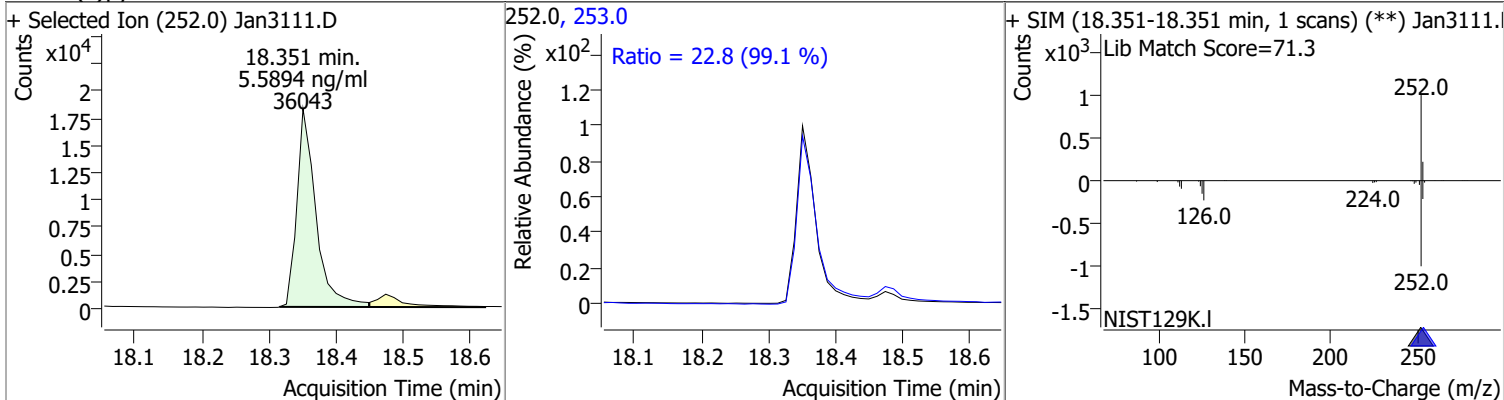
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	5.6809	17.71	0.00	44168	252.0	21.4	14.9	27.7
					253.0	21.4	14.9	27.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	5.4153	17.77	0.00	48442	252.0	21.5	13.2	24.6
					253.0	21.5	13.2	24.6

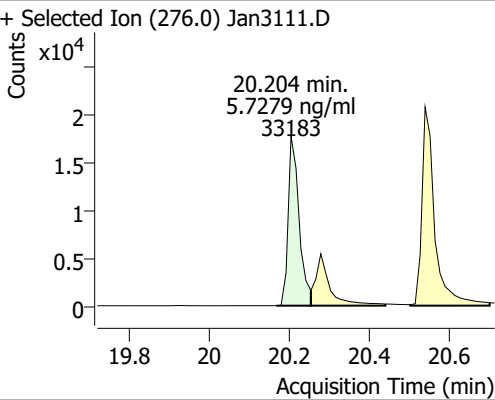
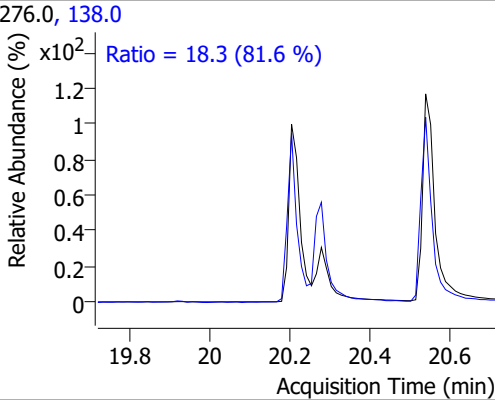
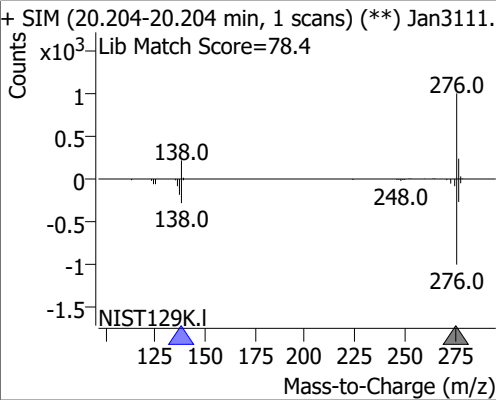
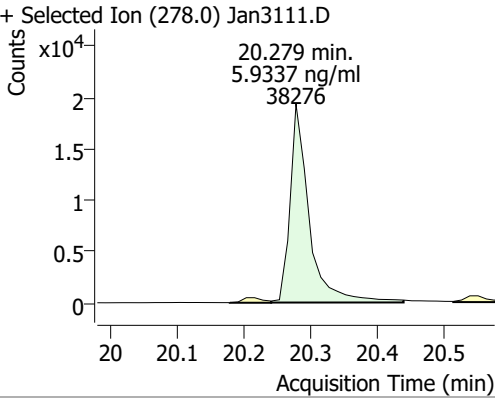
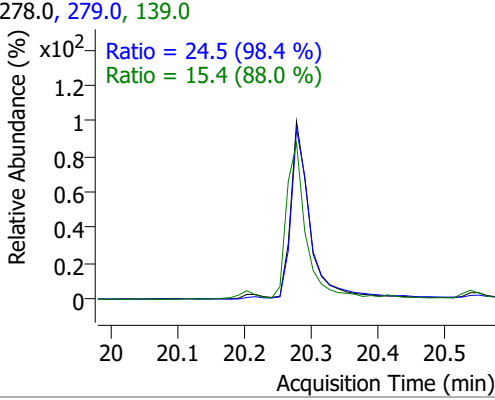
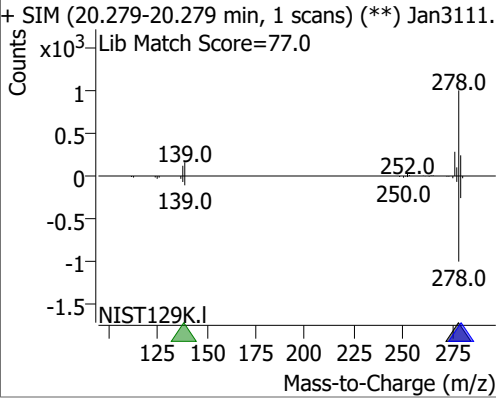
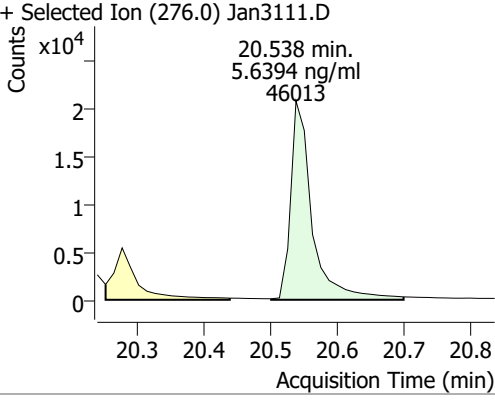
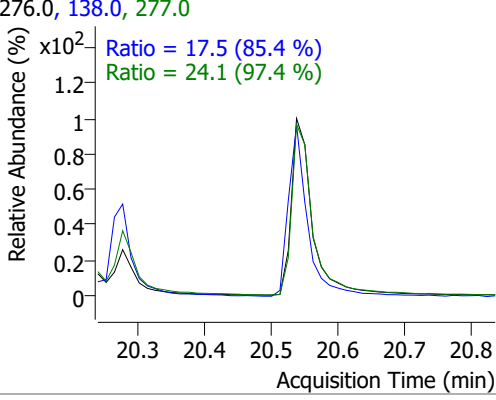
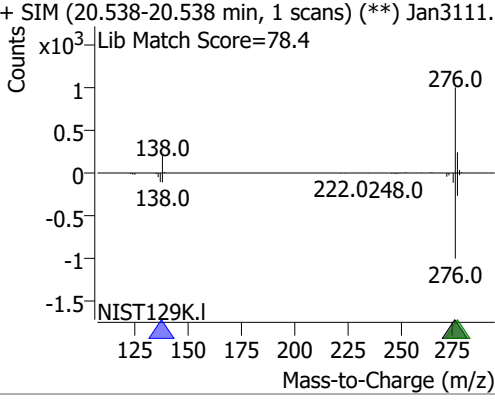


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	5.5894	18.35	0.00	36043	252.0	22.8	16.1	29.9
					253.0	22.8	16.1	29.9





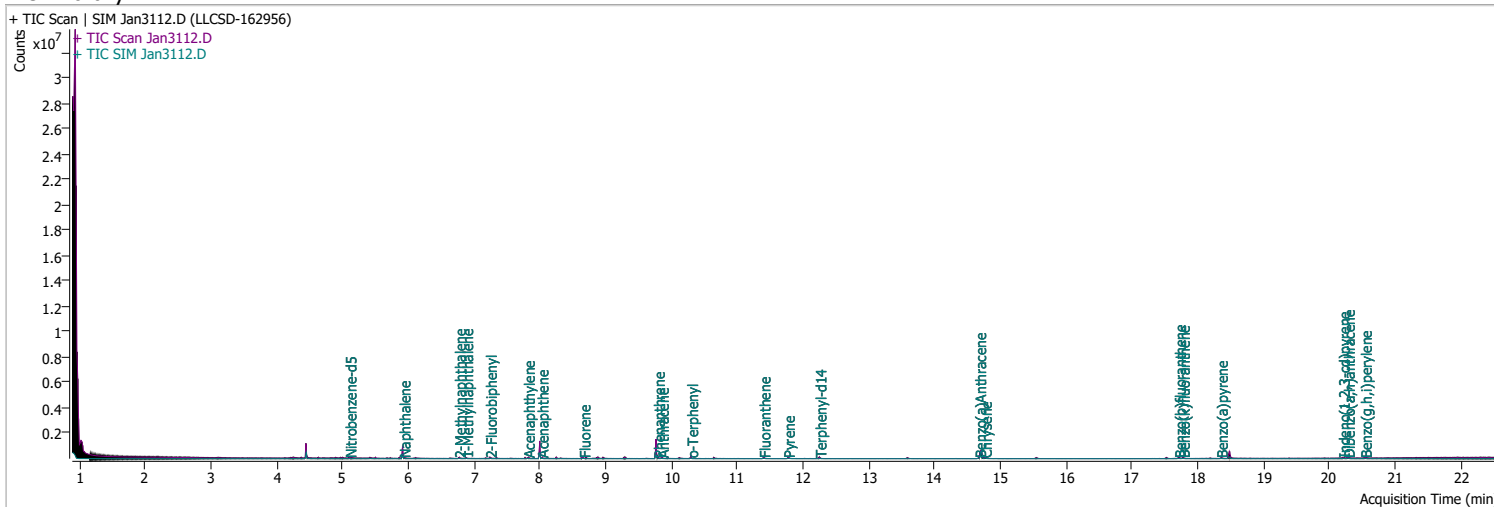
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	5.7279	20.20	-0.01	33183	138.0	18.3	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan3111.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 18.3 (81.6 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan3111.D</p> <p>Lib Match Score=78.4</p>  </div> </div>								
Dibenzo(a,h)anthracene	5.9337	20.28	0.00	38276	279.0	24.5	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan3111.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 24.5 (98.4 %)</p> <p>Ratio = 15.4 (88.0 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.279-20.279 min, 1 scans) (**) Jan3111.D</p> <p>Lib Match Score=77.0</p>  </div> </div>								
Benzo(g,h,i)perylene	5.6394	20.54	0.00	46013	277.0	24.1	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan3111.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 17.5 (85.4 %)</p> <p>Ratio = 24.1 (97.4 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan3111.D</p> <p>Lib Match Score=78.4</p>  </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan3112.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/31/2022 5:52:31 PM
Sample Name	LLCSD-162956	Instrument	GCMS
Vial	5	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.447	152.0	138866	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.916	136.0	228870	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.000	164.0	157408	40.0000	ng/ml	m 0.000
M Phenanthrene-d10	9.768	188.0	339240	40.0000	ng/ml	0.000
M Chrysene-d12	14.701	240.0	278254	40.0000	ng/ml	m 0.000
M Perylene-d12	18.475	264.0	183109	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	19029	5.3701	ng/ml	-0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 107.40%	*	
S 2-Fluorobiphenyl	7.239	172.0	35261	5.7008	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 114.02%	*	
S o-Terphenyl	10.299	230.0	27532	5.3872	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 107.74%		
S Terphenyl-d14	12.251	244.0	31502	6.7901	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 135.80%	*	
<b>Target Compounds</b>						
T Naphthalene	5.928	128.0	21409	3.6537	ng/ml	95
T 2-Methylnaphthalene	6.765	141.0	13934	3.9297	ng/ml	90
T 1-Methylnaphthalene	6.877	141.0	13650	3.7940	ng/ml	92
T Acenaphthylene	7.814	152.0	31516	4.3645	ng/ml	97
T Acenaphthene	8.025	154.0	19571	4.4224	ng/ml	m 98
T Fluorene	8.661	166.0	27835	4.5893	ng/ml	97
T Phenanthrene	9.793	178.0	47366	5.3501	ng/ml	100
T Anthracene	9.854	178.0	46098	5.9145	ng/ml	99
T Fluoranthene	11.398	202.0	59850	5.7678	ng/ml	96
T Pyrene	11.769	202.0	62673	5.3088	ng/ml	95
T Benzo(a)Anthracene	14.677	228.0	45773	5.7297	ng/ml	98
T Chrysene	14.764	228.0	59671	5.5792	ng/ml	100
T Benzo(b)fluoranthene	17.709	252.0	42657	5.6289	ng/ml	98

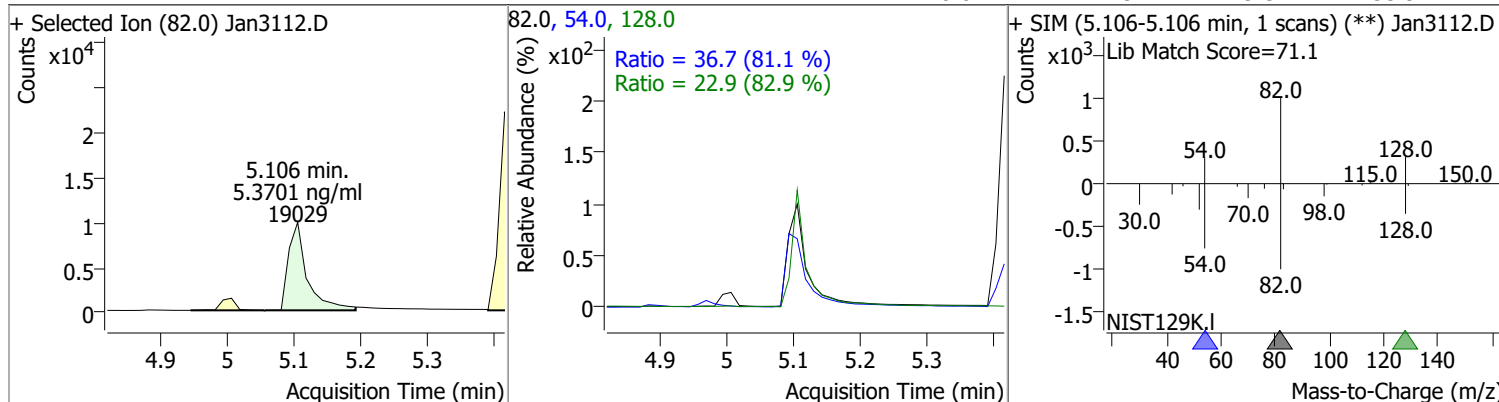
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	47336	5.4227	ng/ml	92
T Benzo(a)pyrene	18.351	252.0	34896	5.5499	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.204	276.0	32432	5.7360	ng/ml	91
T Dibenzo(a,h)anthracene	20.279	278.0	37023	5.8843	ng/ml	98
T Benzo(g,h,i)perylene	20.538	276.0	44785	5.6258	ng/ml	95

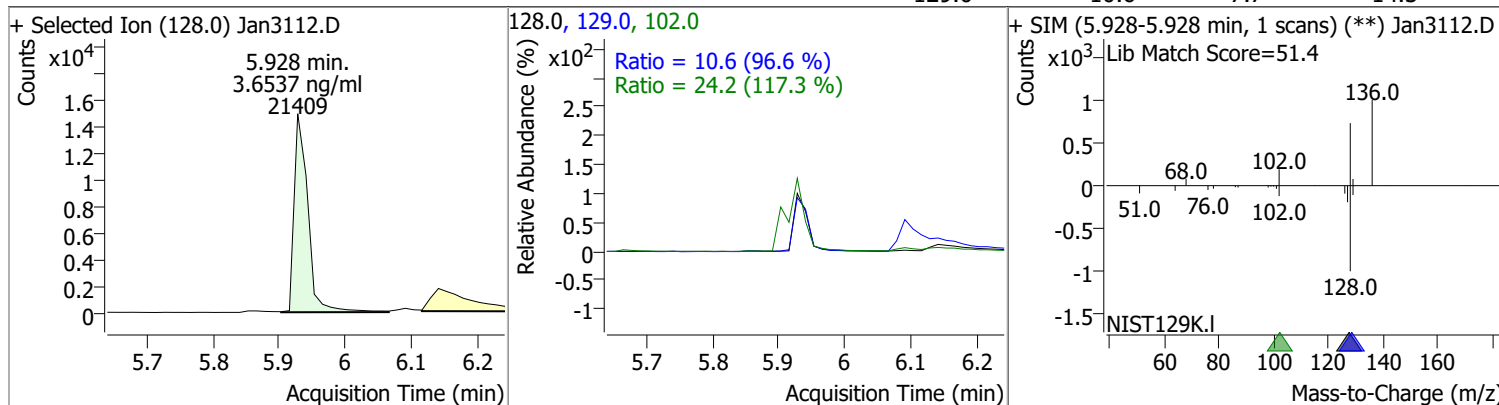
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

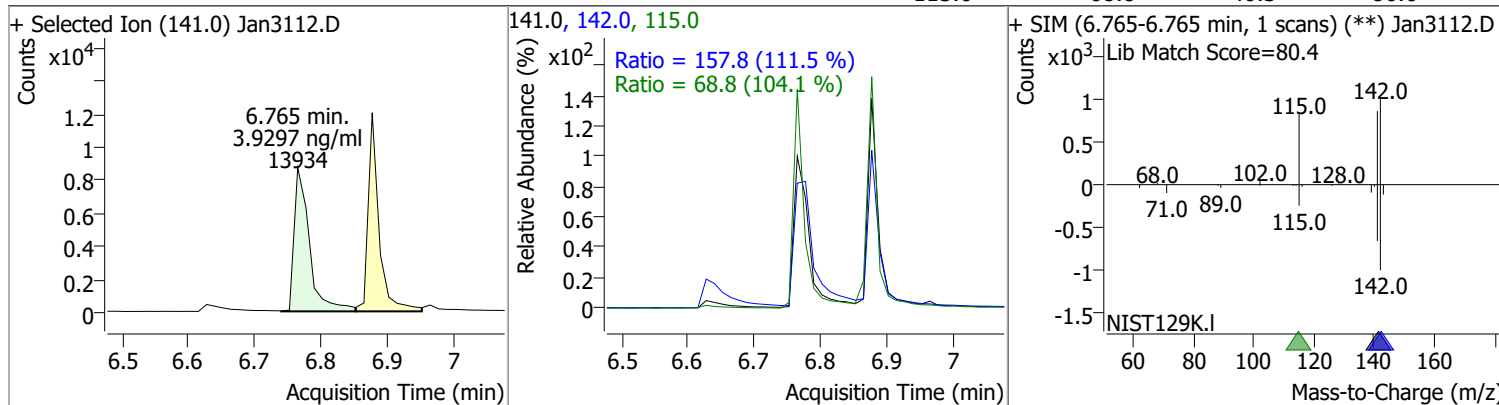
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	5.3701	5.11	-0.01	19029	54.0	36.7	31.6	58.8
					128.0	22.9	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.6537	5.93	-0.01	21409	102.0	24.2	0.0	61.8
					129.0	10.6	7.7	14.3

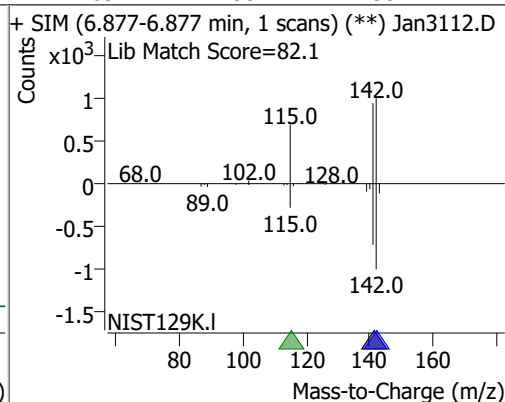
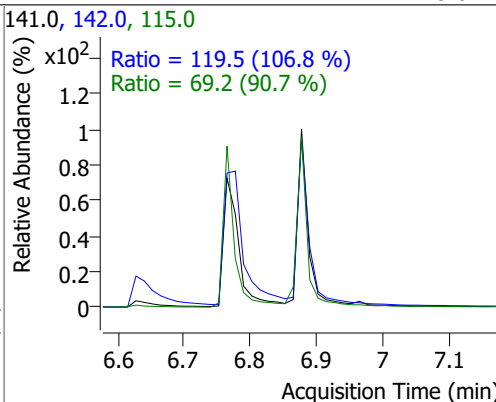
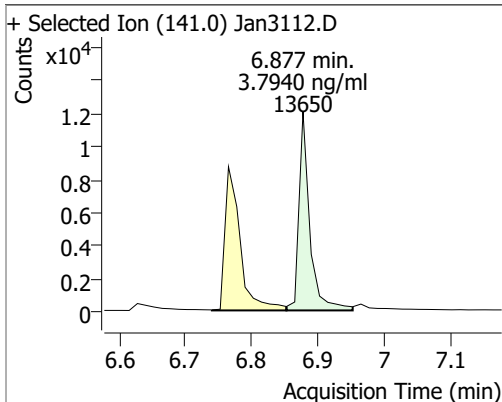


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.9297	6.76	-0.01	13934	142.0	157.8	99.1	184.0
					115.0	68.8	46.3	86.0

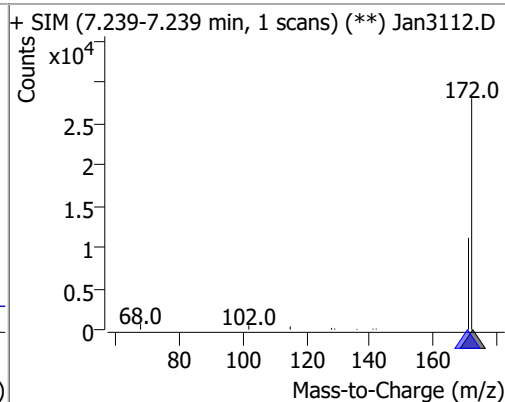
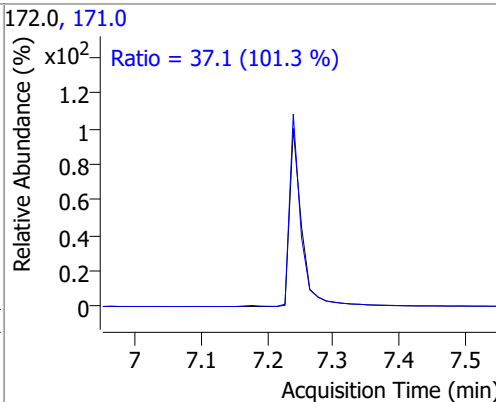
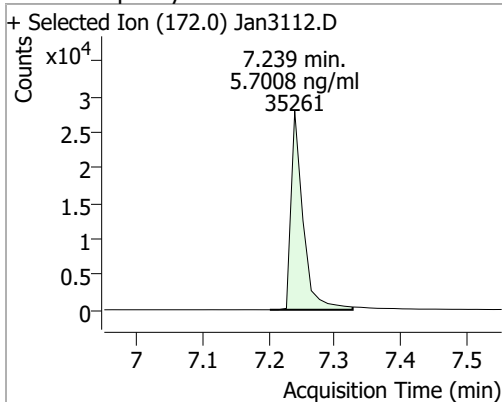


# Quantitation Results Report (QT Reviewed)

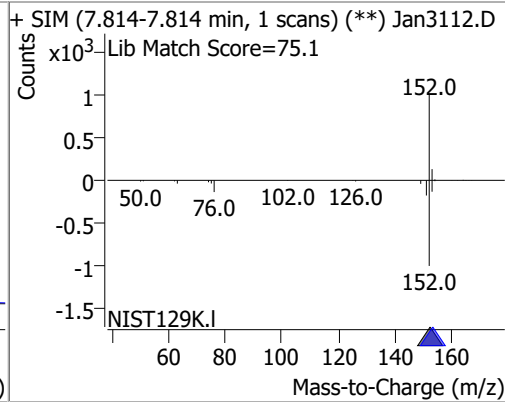
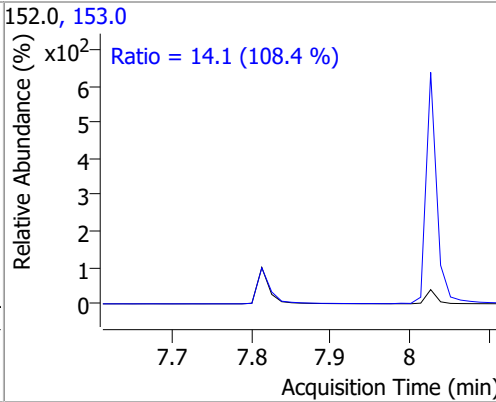
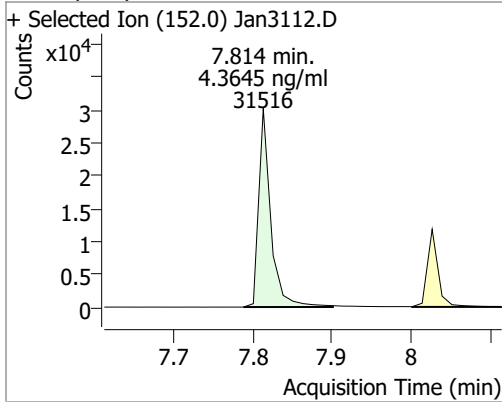
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	3.7940	6.88	0.00	13650	142.0	119.5	78.3	145.5
					115.0	69.2	53.4	99.2



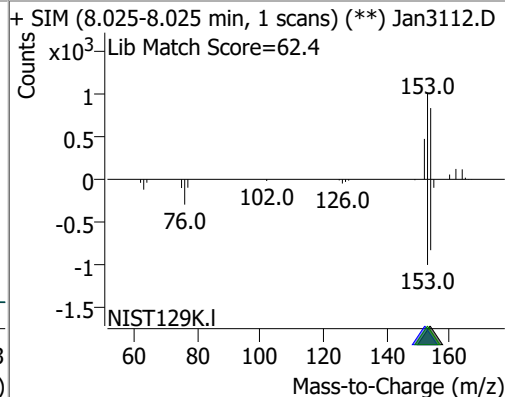
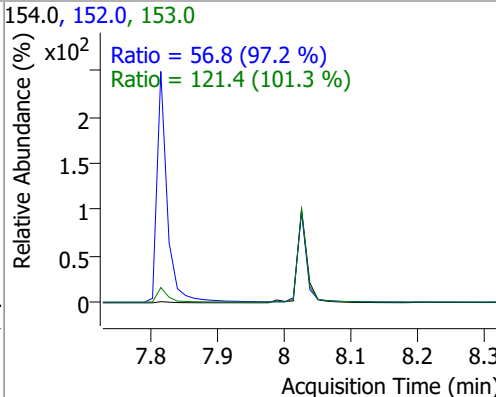
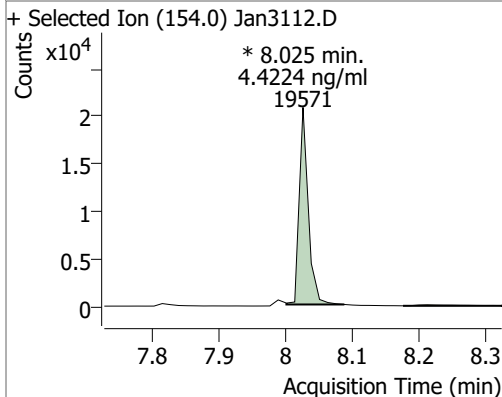
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	5.7008	7.24	-0.01	35261	171.0	37.1	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	4.3645	7.81	0.00	31516	153.0	14.1	9.1	17.0

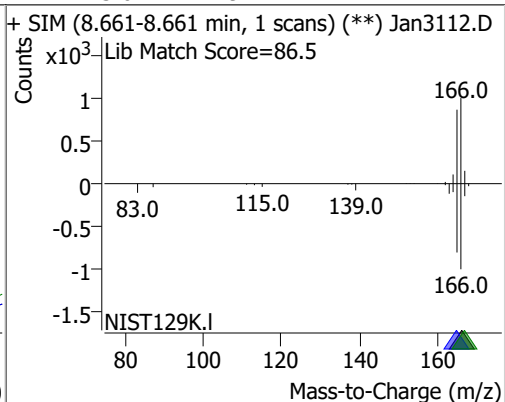
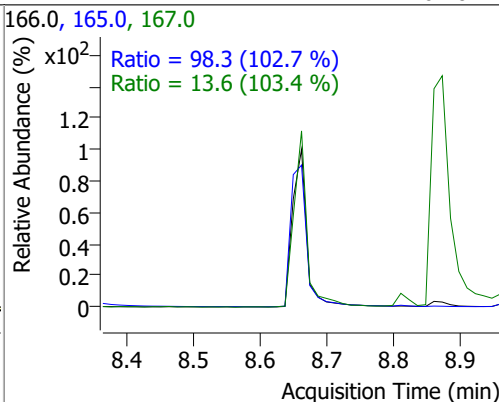
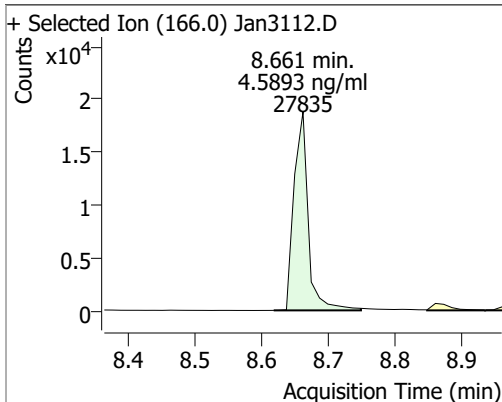


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	4.4224	8.03	0.00	19571 (m)	153.0	121.4	83.9	155.8
					152.0	56.8	40.9	76.0

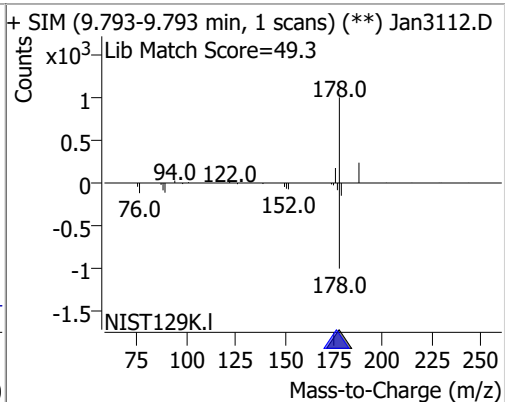
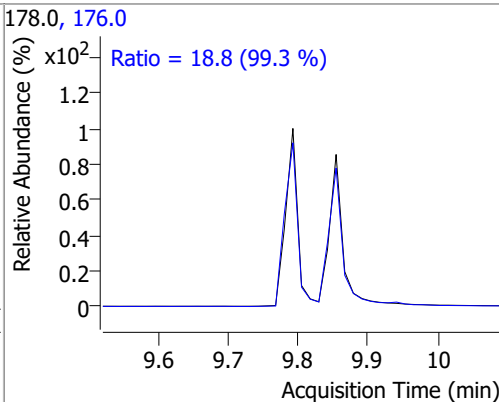
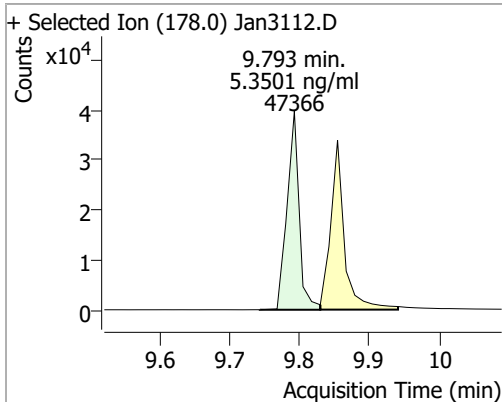


# Quantitation Results Report (QT Reviewed)

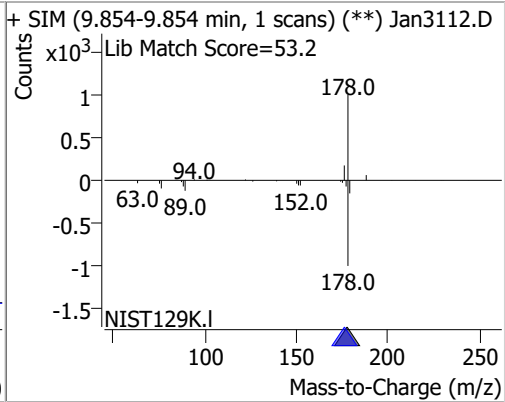
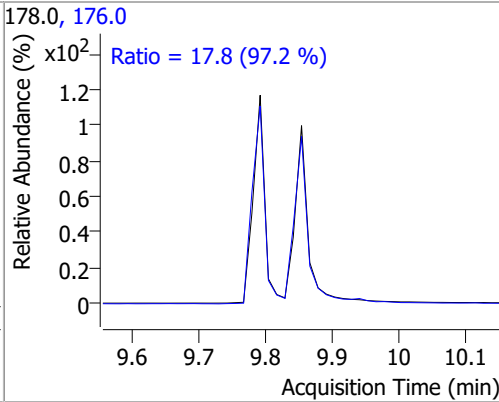
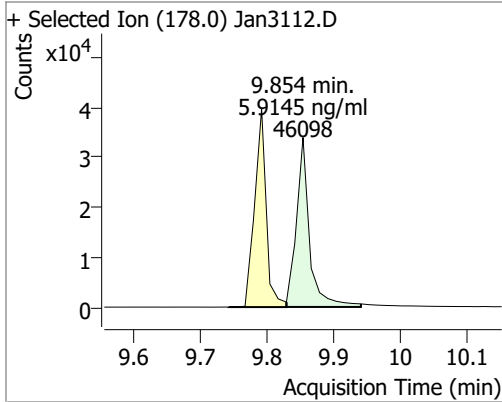
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	4.5893	8.66	0.00	27835	165.0	98.3	67.0	124.5
					167.0	13.6	9.2	17.1



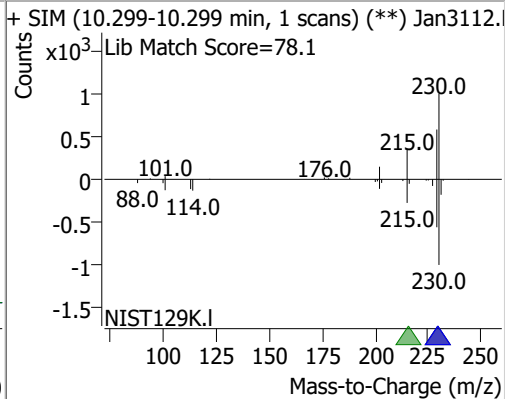
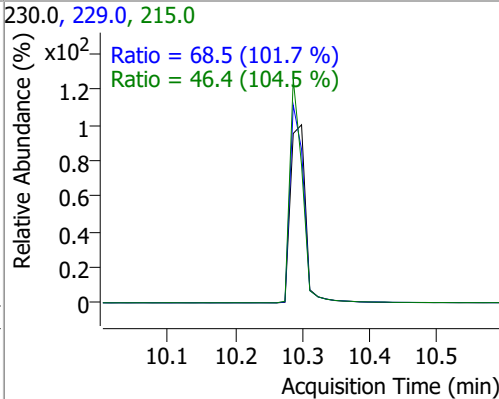
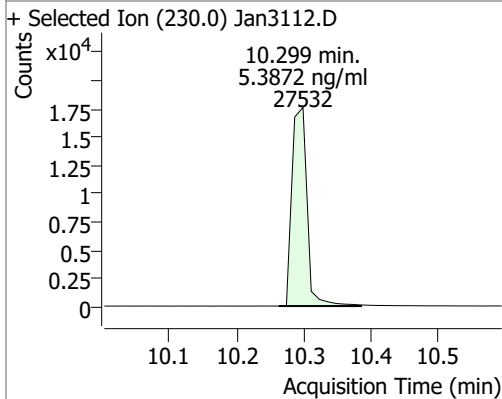
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	5.3501	9.79	0.00	47366	176.0	18.8	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	5.9145	9.85	0.00	46098	176.0	17.8	12.8	23.8

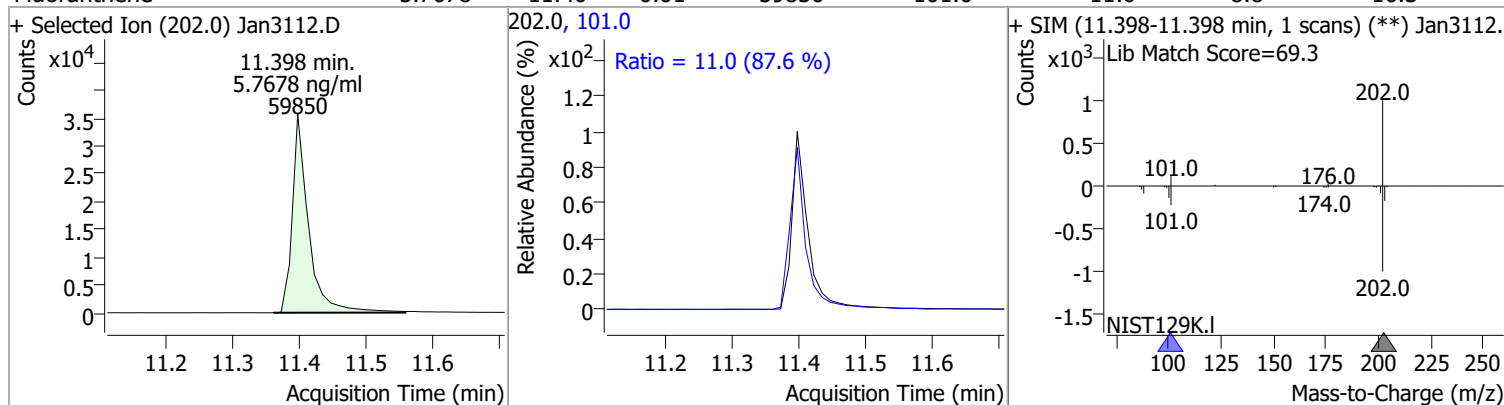


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	5.3872	10.30	0.00	27532	229.0	68.5	47.1	87.5
					215.0	46.4	31.1	57.7

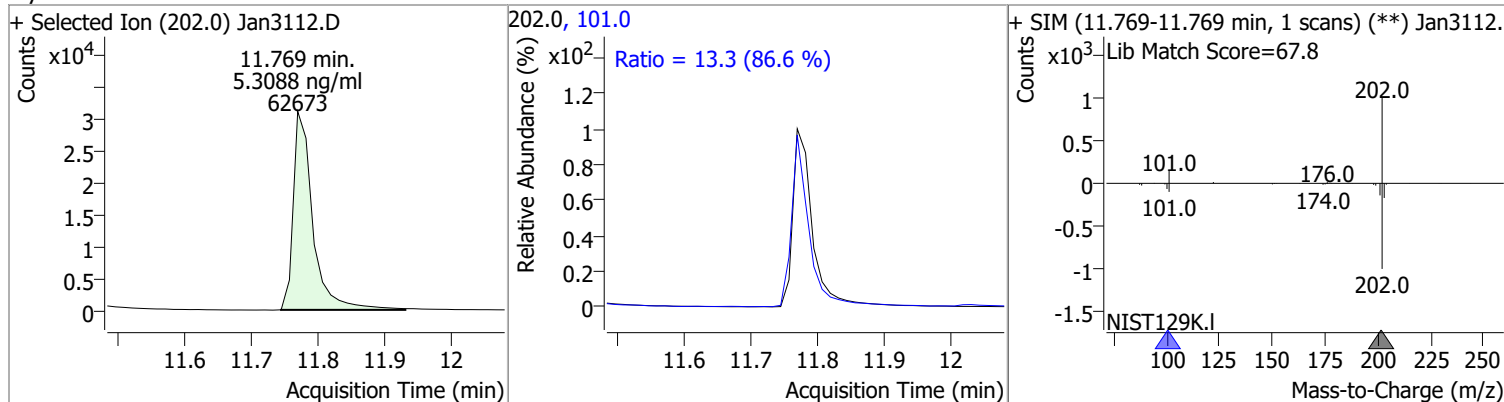


# Quantitation Results Report (QT Reviewed)

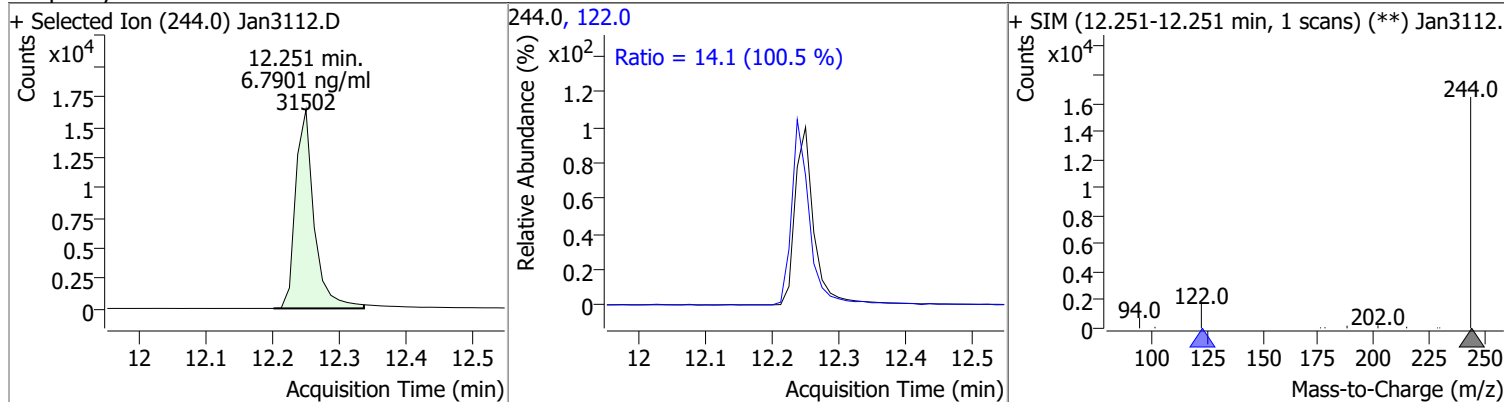
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	5.7678	11.40	-0.01	59850	101.0	11.0	8.8	16.3



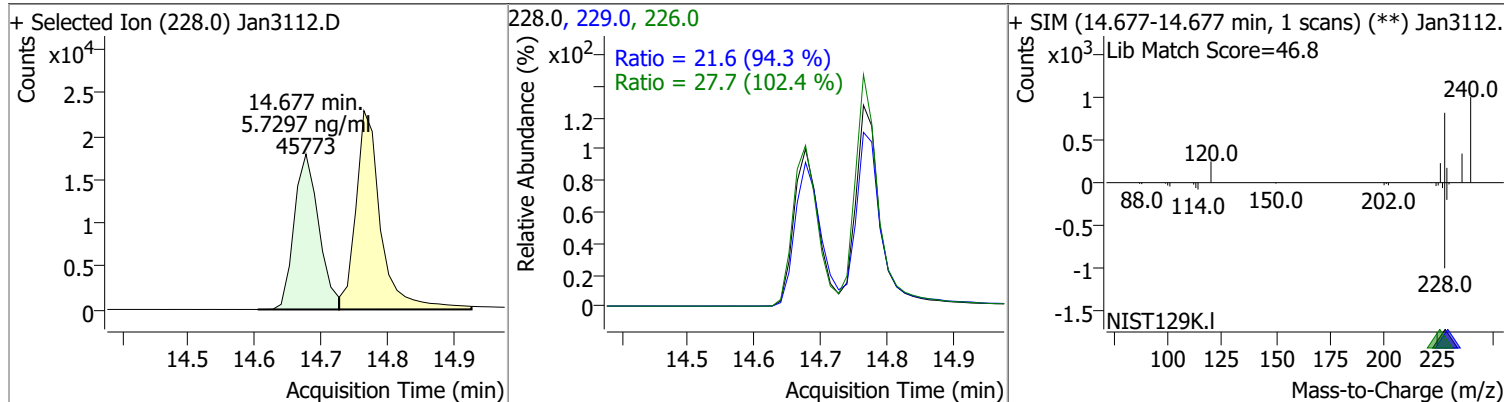
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	5.3088	11.77	-0.01	62673	101.0	13.3	10.8	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	6.7901	12.25	0.00	31502	122.0	14.1	9.8	18.2

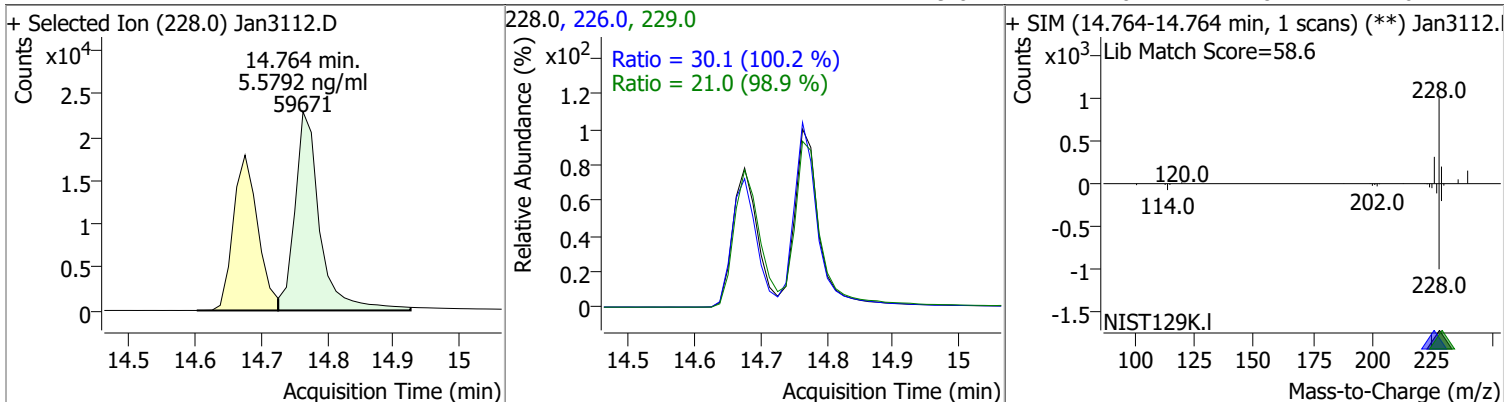


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	5.7297	14.68	0.00	45773	226.0 229.0	27.7 21.6	19.0 16.0	35.2 29.7

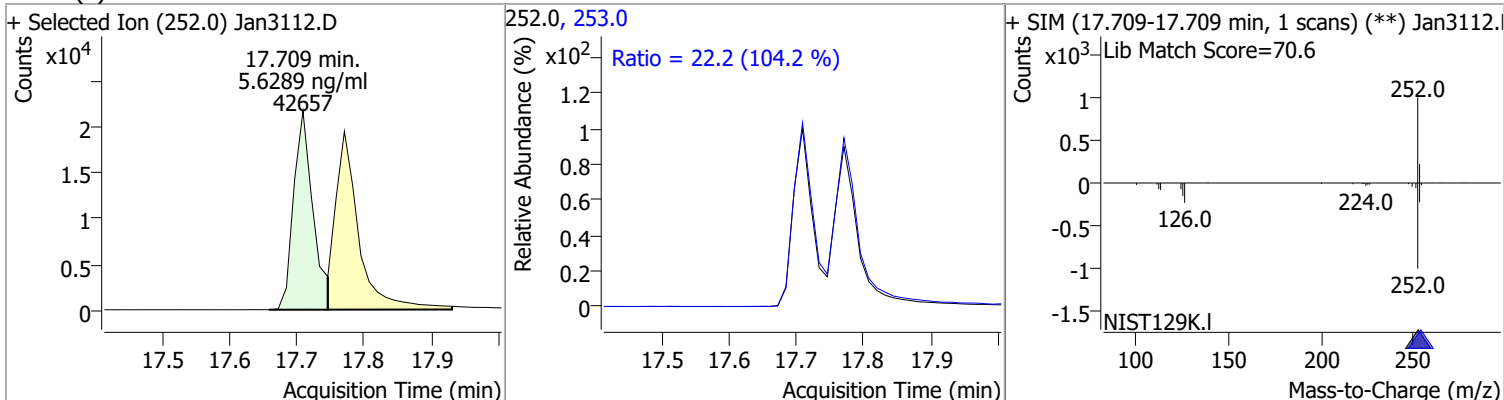


# Quantitation Results Report (QT Reviewed)

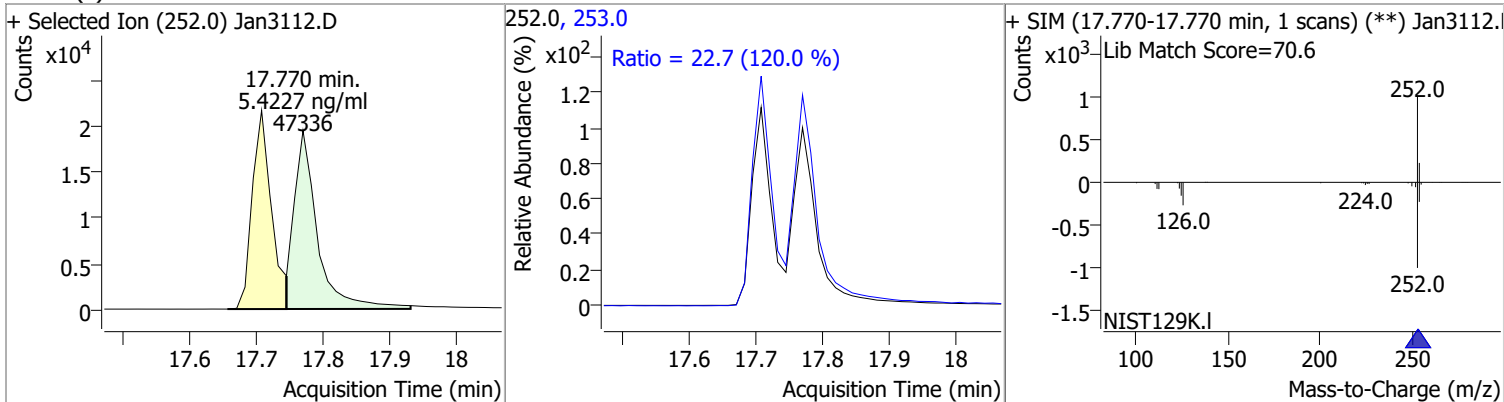
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	5.5792	14.76	0.00	59671	226.0	30.1	21.0	39.1
					229.0	21.0	14.8	27.6



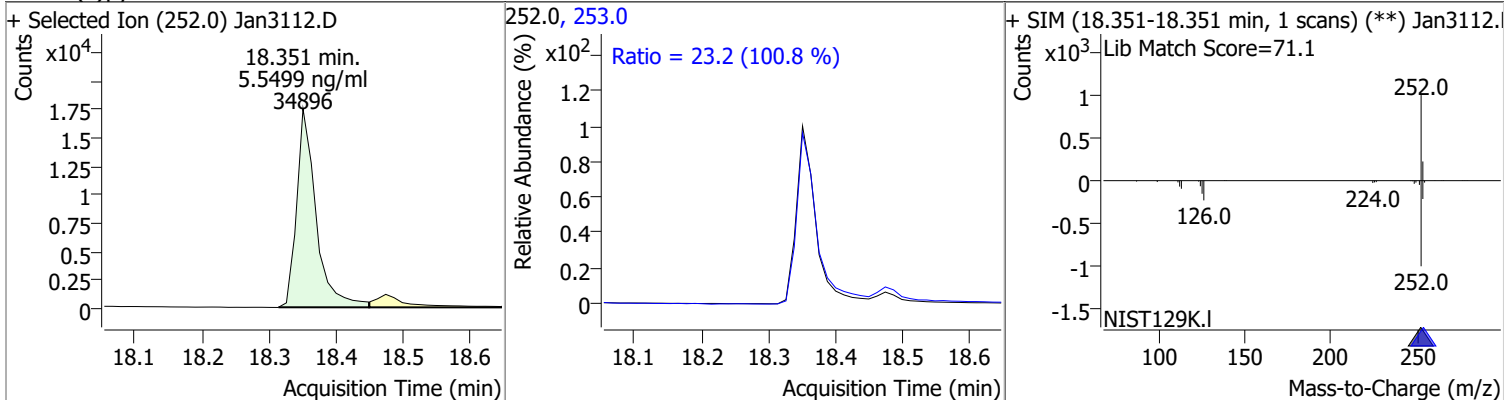
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	5.6289	17.71	0.00	42657	252.0	22.2	14.9	27.7
					253.0	22.2	14.9	27.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	5.4227	17.77	0.00	47336	252.0	22.7	13.2	24.6
					253.0	22.7	13.2	24.6

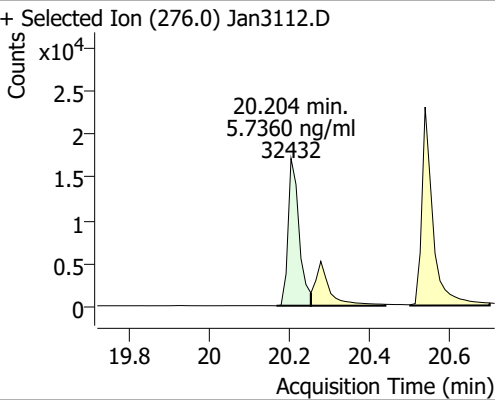
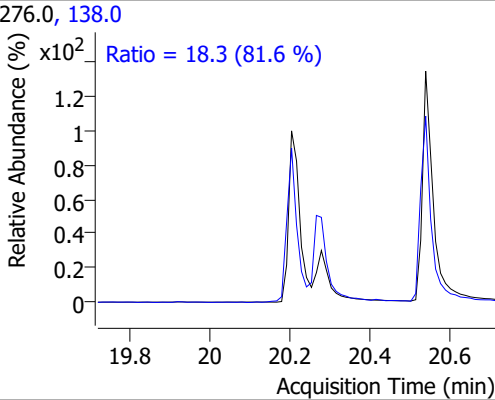
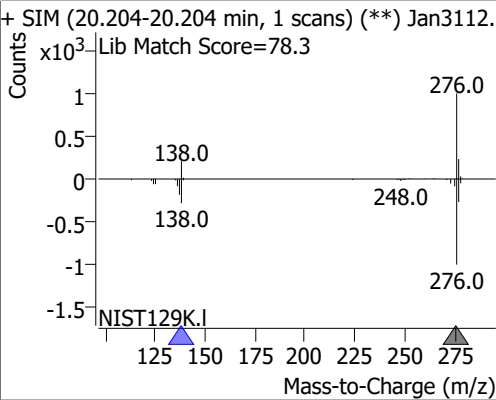
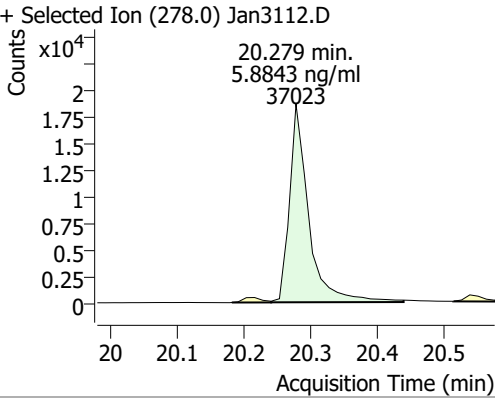
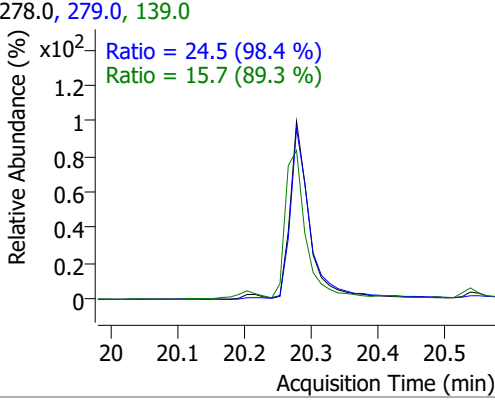
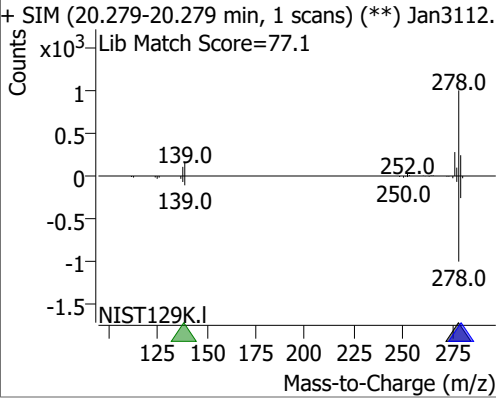
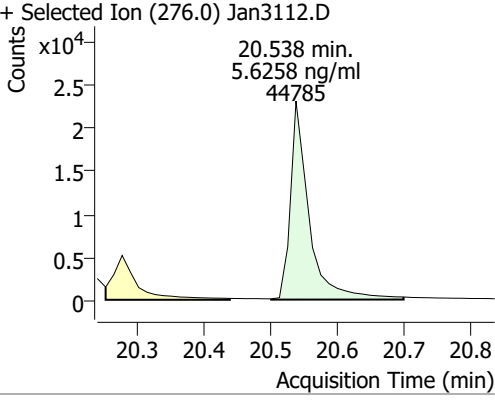
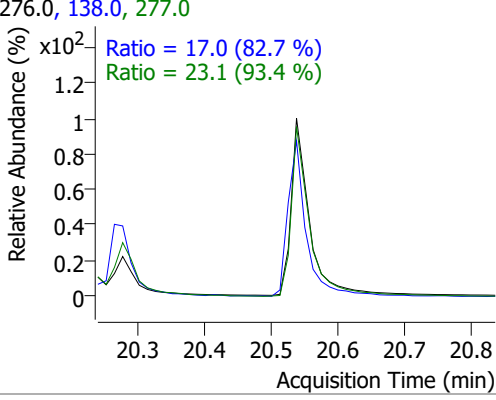
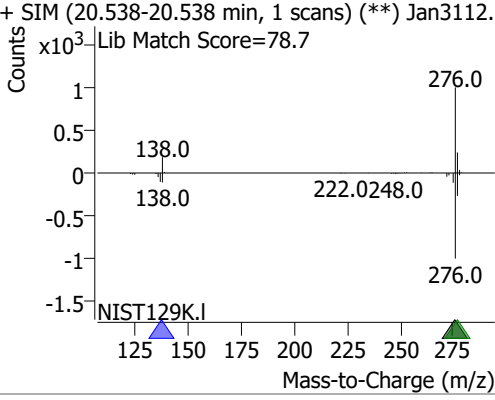


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	5.5499	18.35	0.00	34896	252.0	23.2	16.1	29.9
					253.0	23.2	16.1	29.9





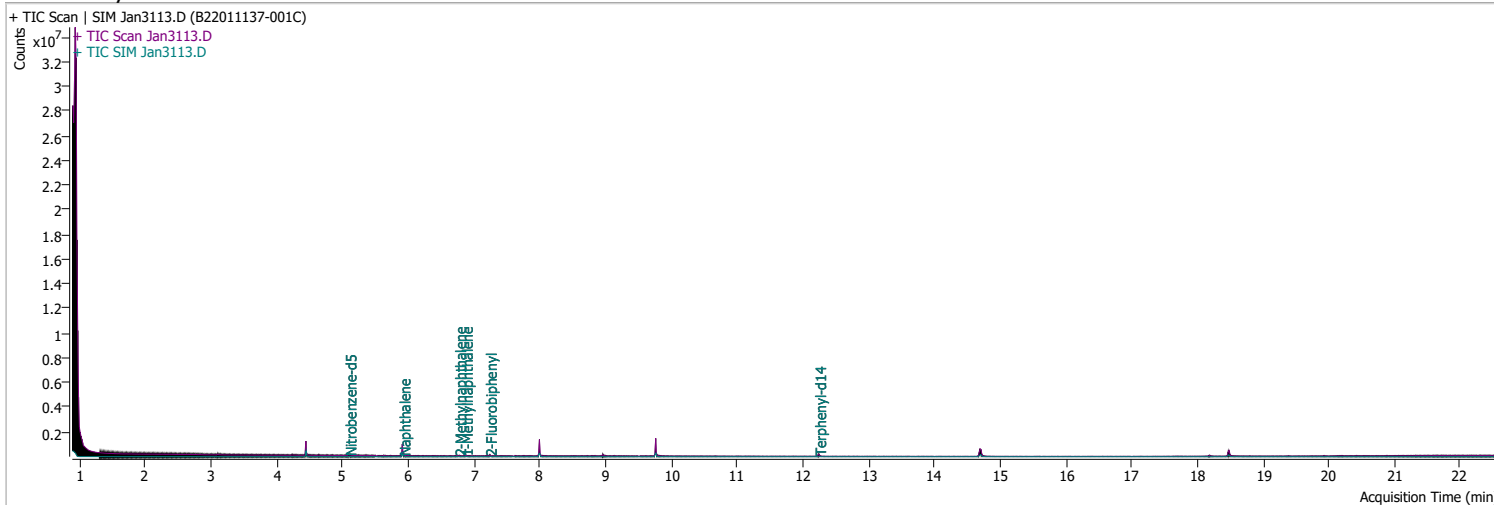
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	5.7360	20.20	-0.01	32432	138.0	18.3	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan3112.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 18.3 (81.6 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan3112.D</p> <p>Lib Match Score=78.3</p>  </div> </div>								
Dibenzo(a,h)anthracene	5.8843	20.28	0.00	37023	279.0	24.5	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan3112.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 24.5 (98.4 %)</p> <p>Ratio = 15.7 (89.3 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.279-20.279 min, 1 scans) (**) Jan3112.D</p> <p>Lib Match Score=77.1</p>  </div> </div>								
Benzo(g,h,i)perylene	5.6258	20.54	0.00	44785	277.0	23.1	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan3112.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 17.0 (82.7 %)</p> <p>Ratio = 23.1 (93.4 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan3112.D</p> <p>Lib Match Score=78.7</p>  </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan3113.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/31/2022 6:25:12 PM
Sample Name	B22011137-001C	Instrument	GCMS
Vial	6	Multiplier	10.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)	
<b>Internal Standards</b>							
M 1,4-Dichlorobenzene-d4	4.447	152.0	135158	40.0000	ng/ml	-0.012	
M Naphthalene-d8	5.916	136.0	225877	40.0000	ng/ml	0.000	
M Acenaphthene-d10	8.000	164.0	157412	40.0000	ng/ml	0.000	
M Phenanthrene-d10	9.768	188.0	351083	40.0000	ng/ml	0.000	
M Chrysene-d12	14.701	240.0	276548	40.0000	ng/ml	0.000	
M Perylene-d12	18.475	264.0	190852	40.0000	ng/ml	0.000	
<b>System Monitoring Compounds</b>							
S Nitrobenzene-d5	5.106	82.0	22035	62.0155	ng/ml	-0.012	
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 1240.31%		*	
S 2-Fluorobiphenyl	7.239	172.0	37156	60.0379	ng/ml	-0.013	
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1200.76%		*	
S o-Terphenyl	0.000		0	N.D.			
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%			
S Terphenyl-d14	12.251	244.0	48833	103.6577	ng/ml	0.000	
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 2073.15%		*	
<b>Target Compounds</b>							
T Naphthalene	5.928	128.0	14860	25.5429	ng/ml	m	89
T 2-Methylnaphthalene	6.777	141.0	8415	23.8952	ng/ml		77
T 1-Methylnaphthalene	6.877	141.0	14148	39.8506	ng/ml		94
T Acenaphthylene	0.000		0	N.D.			
T Acenaphthene	8.025	154.0	0		ng/ml	md	1
T Fluorene	8.661	166.0	0		ng/ml	md	1
T Phenanthrene	0.000		0	N.D.			
T Anthracene	0.000		0	N.D.			
T Fluoranthene	0.000		0	N.D.			
T Pyrene	0.000		0	N.D.			
T Benzo(a)Anthracene	14.701	228.0	0		ng/ml	md	1
T Chrysene	14.764	228.0	0		ng/ml	md	1
T Benzo(b)fluoranthene	17.733	252.0	0		ng/ml	md	1

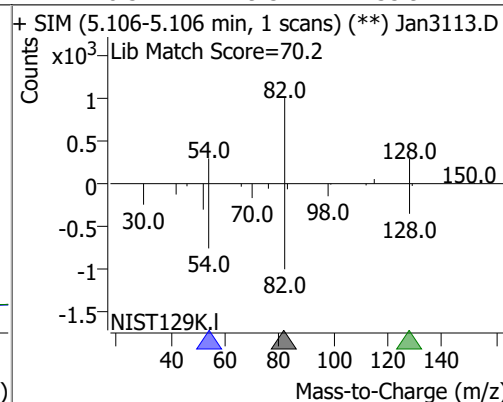
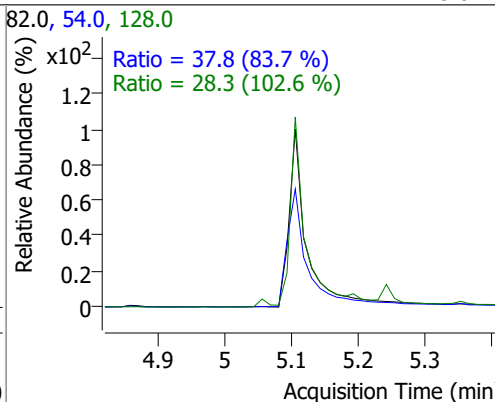
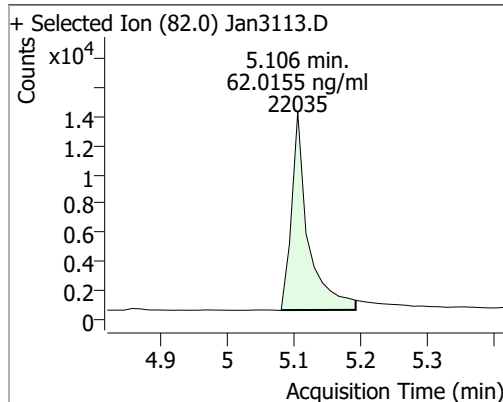
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.795	252.0	0		ng/ml	md
T Benzo(a)pyrene	18.363	252.0	0		ng/ml	md
T Indeno(1,2,3-cd)pyrene	20.229	276.0	0		ng/ml	md
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

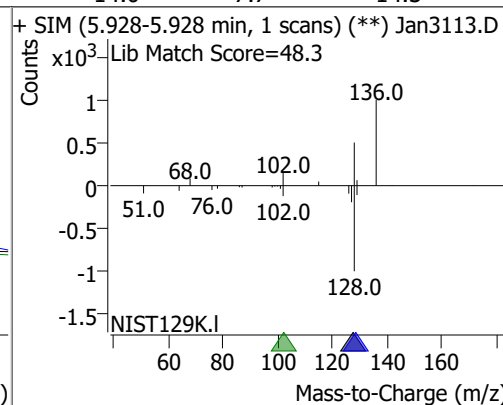
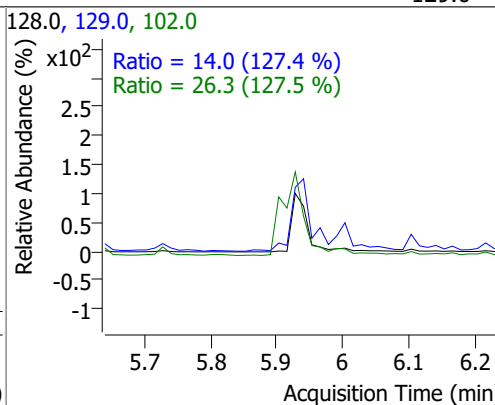
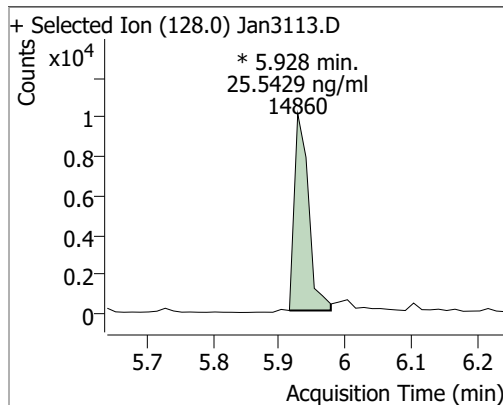
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

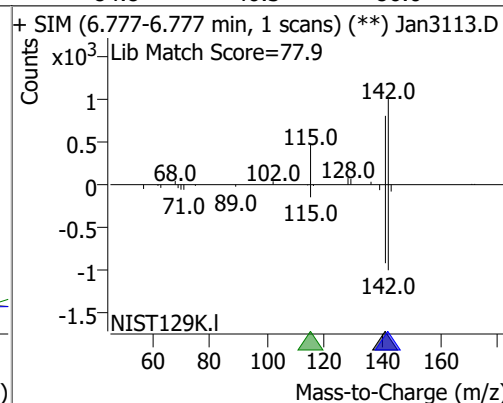
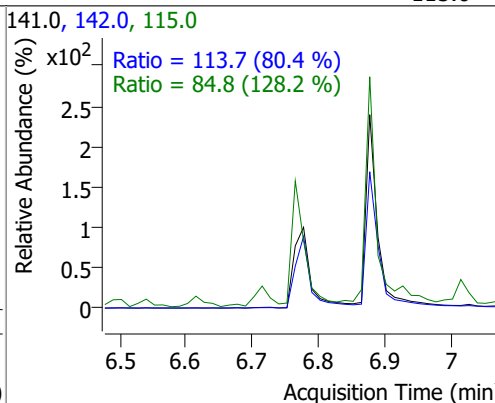
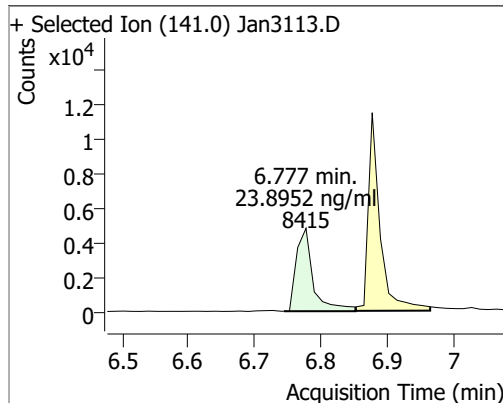
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	62.0155	5.11	-0.01	22035	54.0	37.8	31.6	58.8
					128.0	28.3	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	25.5429	5.93	-0.01	14860 (m)	102.0	26.3	0.0	61.8
					129.0	14.0	7.7	14.3

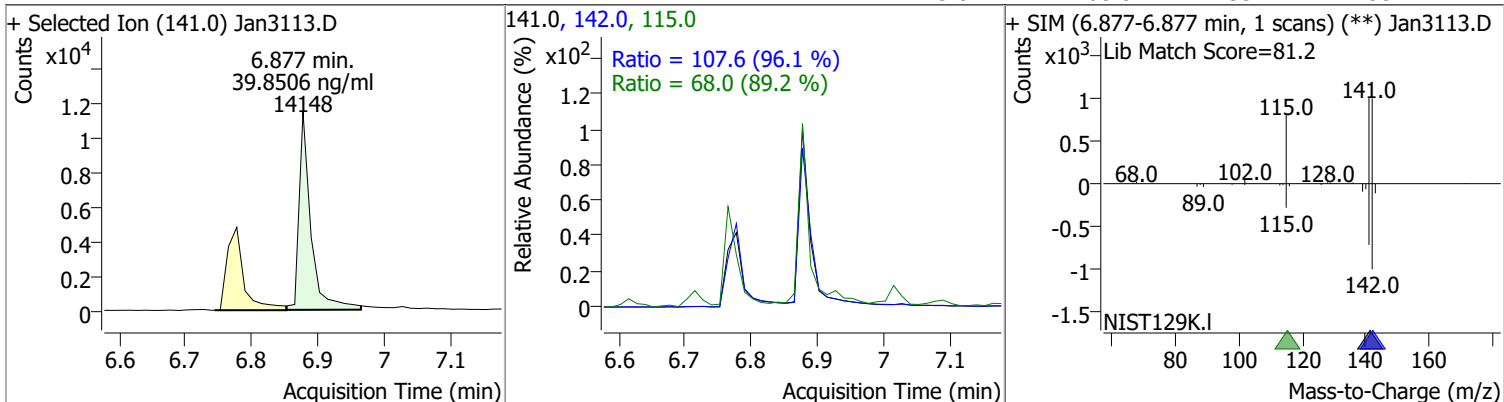


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	23.8952	6.78	0.00	8415	142.0	113.7	99.1	184.0
					115.0	84.8	46.3	86.0

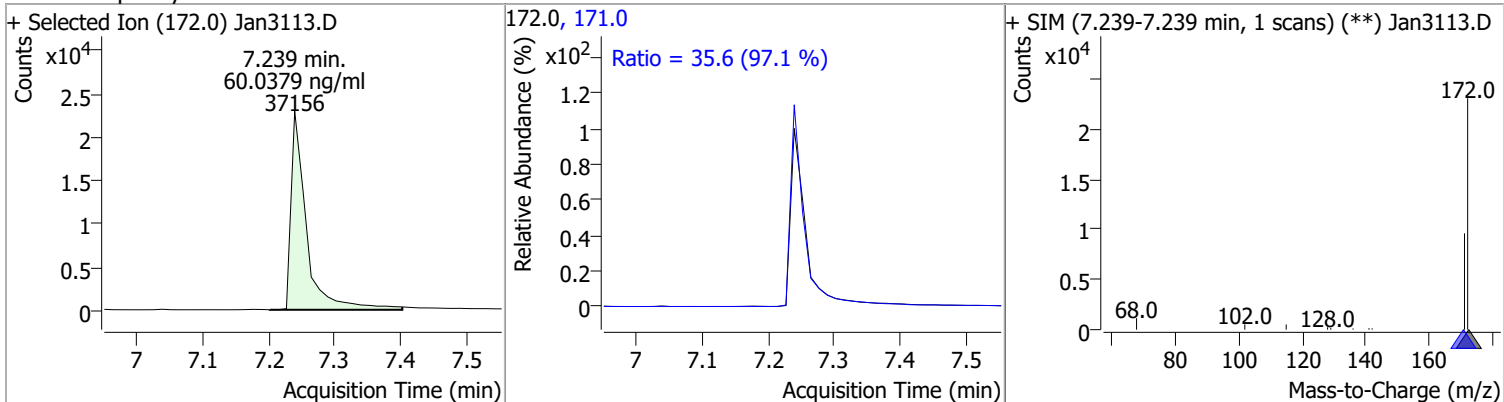


# Quantitation Results Report (QT Reviewed)

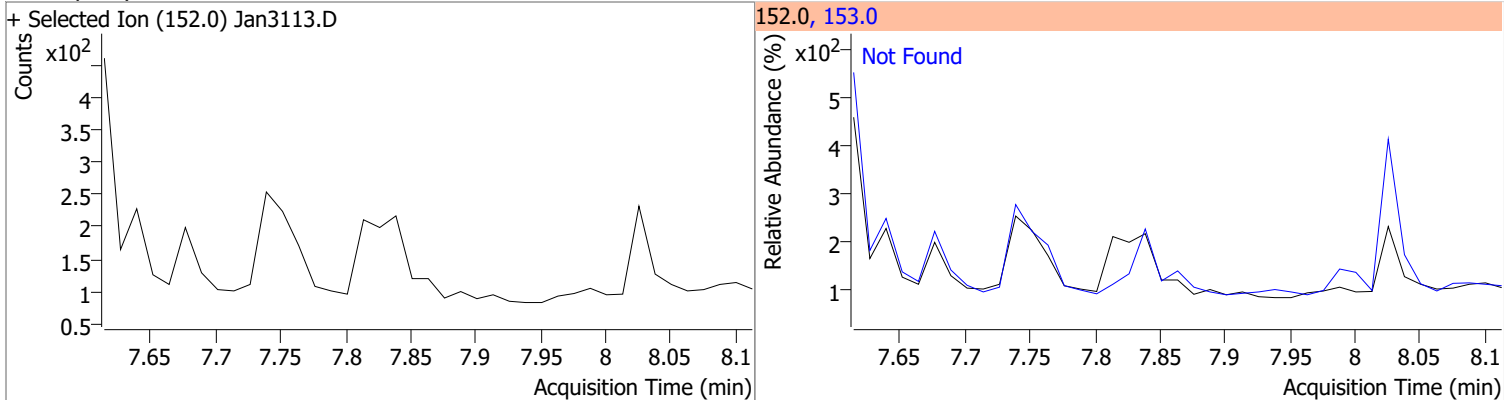
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	39.8506	6.88	0.00	14148	142.0	107.6	78.3	145.5
					115.0	68.0	53.4	99.2



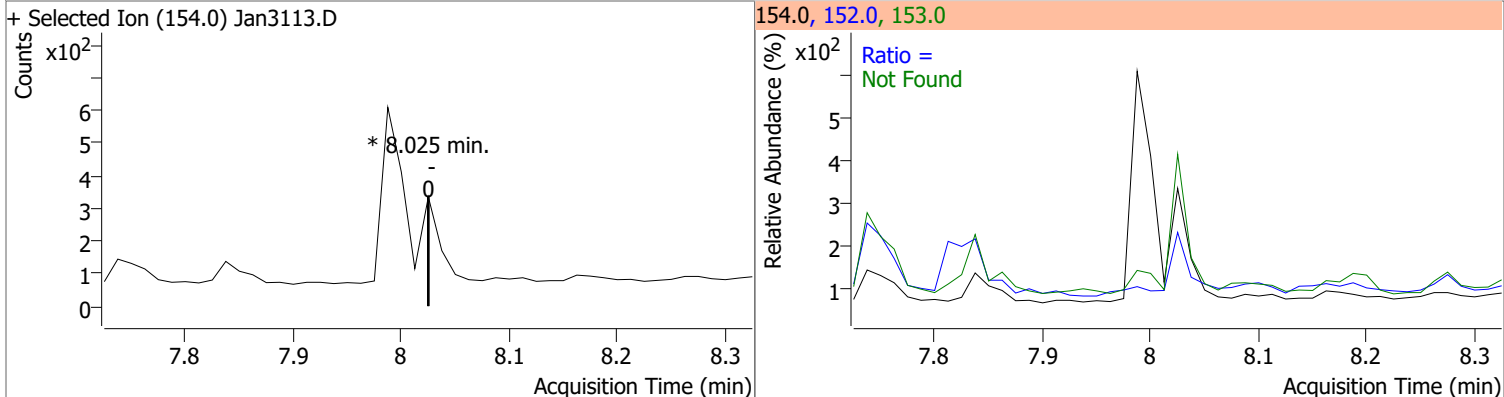
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	60.0379	7.24	-0.01	37156	171.0	35.6	25.6	47.6



Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.81	153.0	13.1

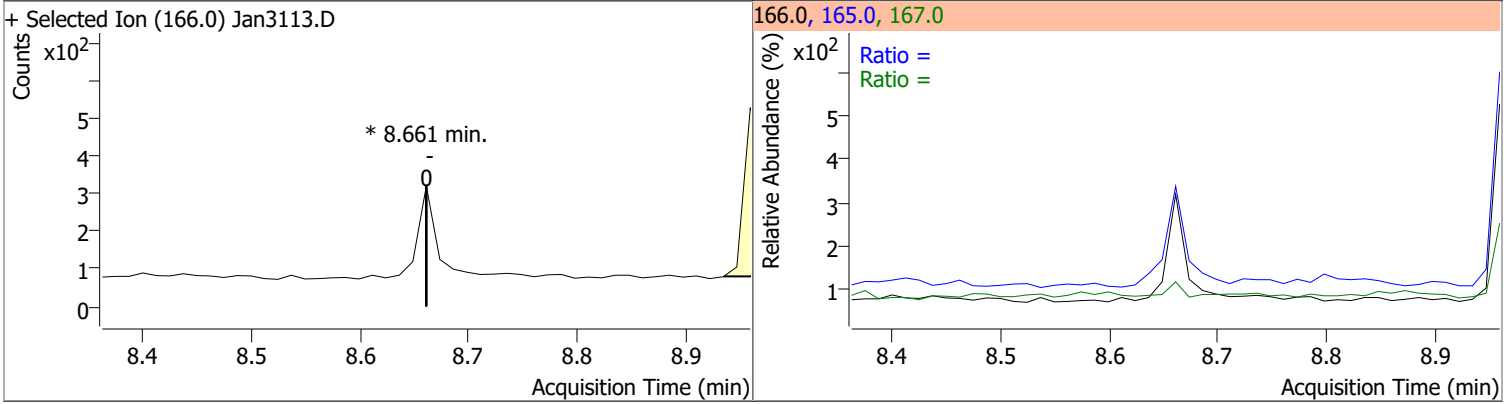


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	0	0	0	0	153.0	152.0	83.9	155.8
							40.9	76.0

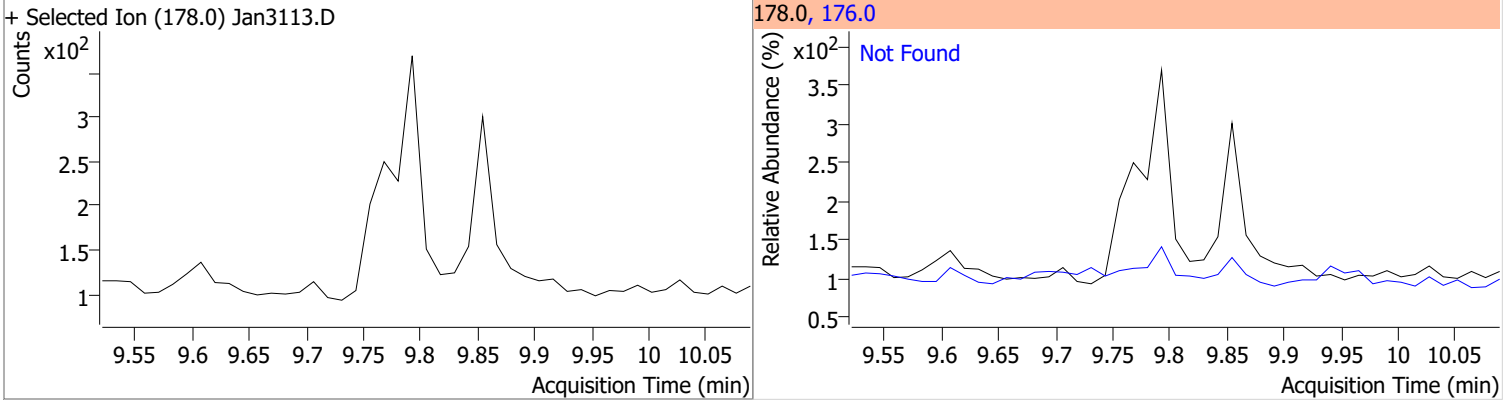


# Quantitation Results Report (QT Reviewed)

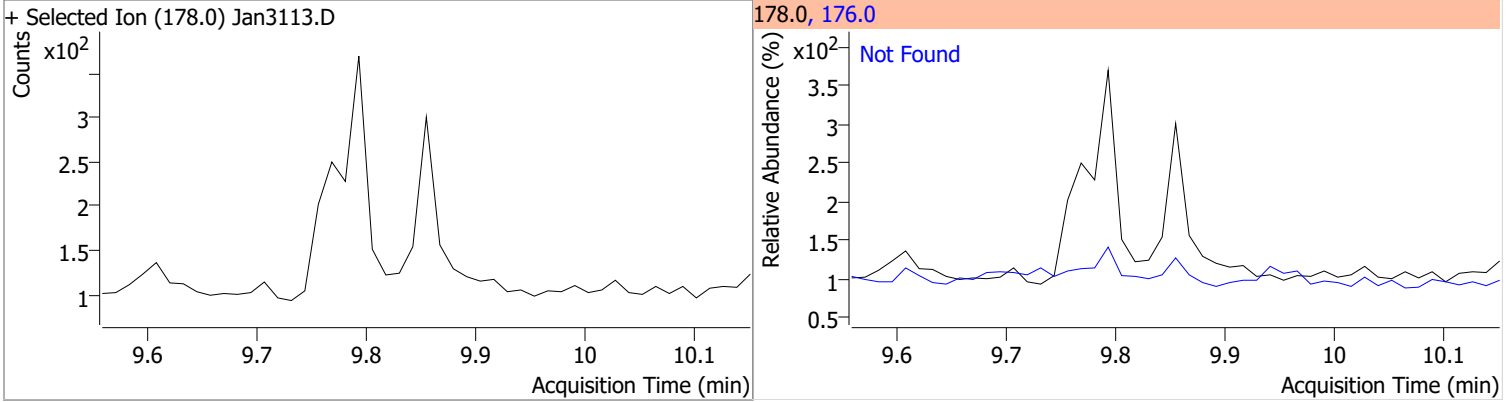
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		67.0	124.5
					167.0		9.2	17.1



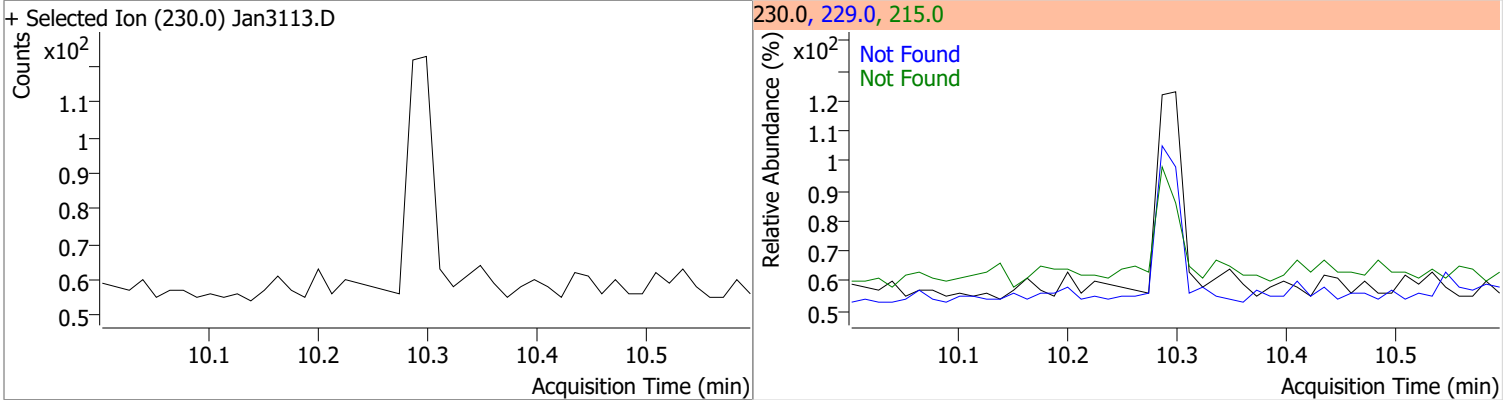
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.79	176.0	18.9



Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.85	176.0	18.3

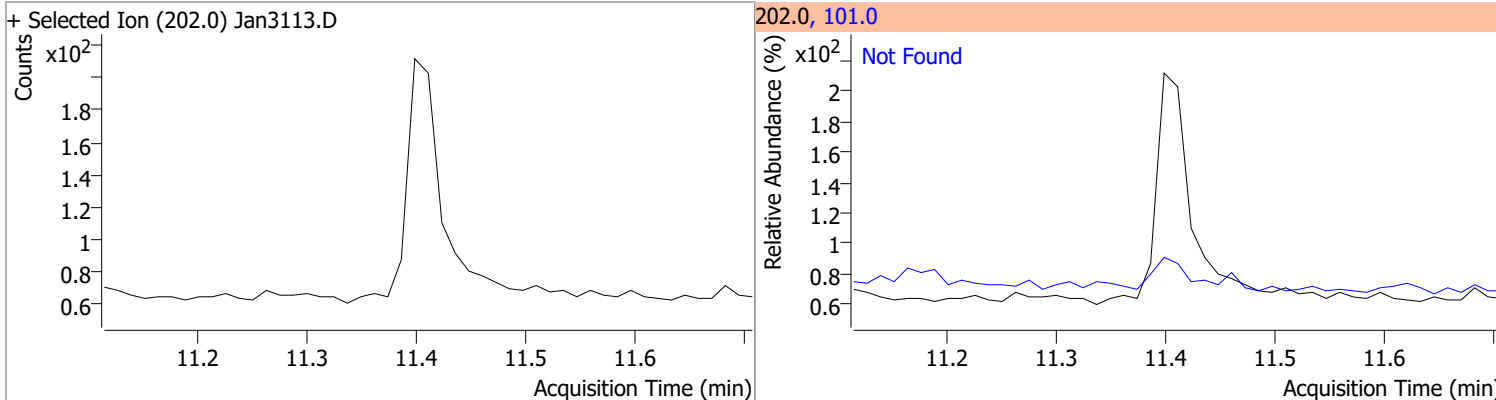


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	67.3	215.0	44.4

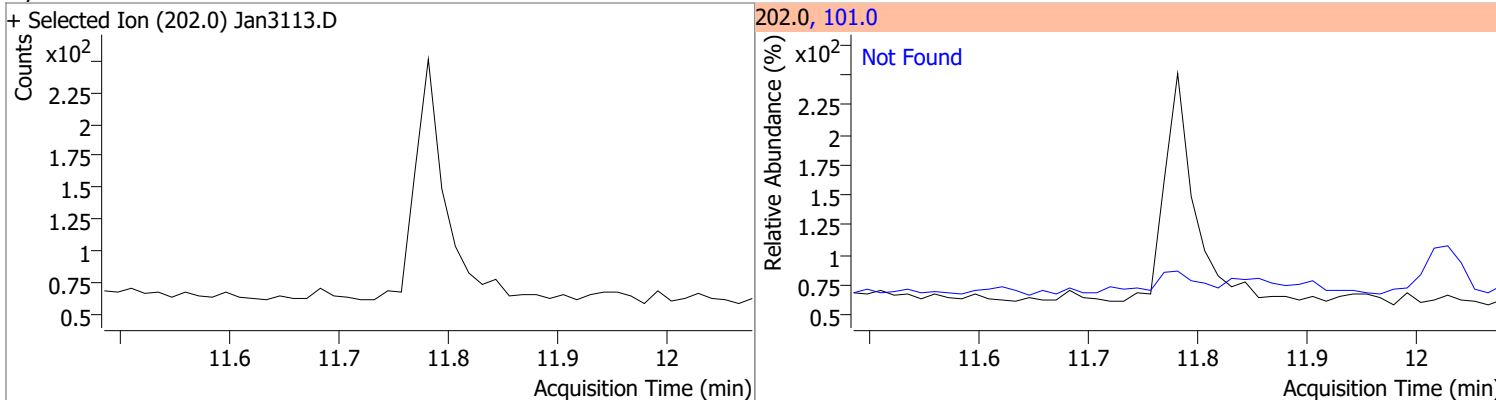


# Quantitation Results Report (QT Reviewed)

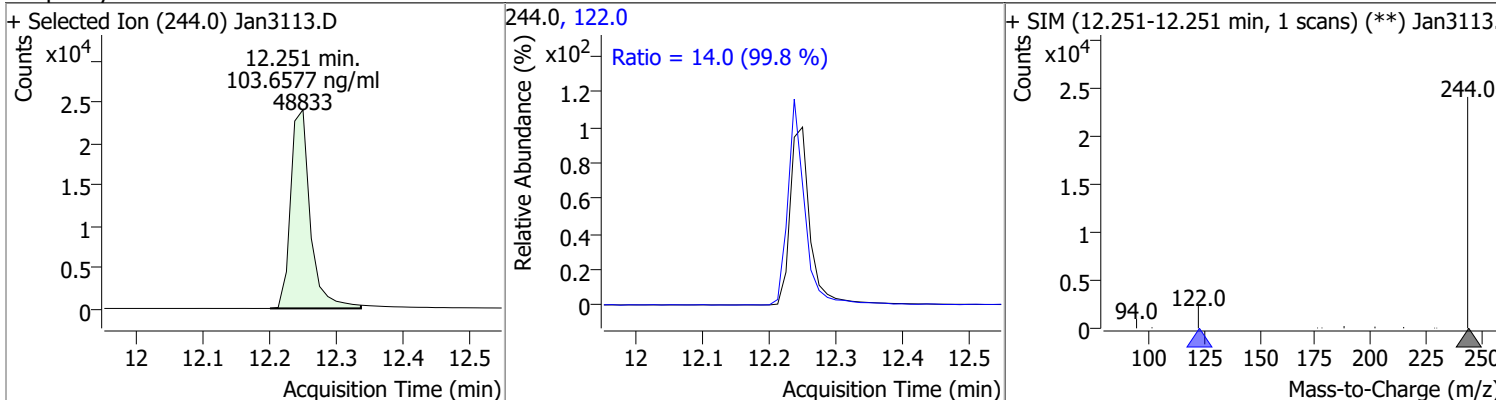
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	12.5



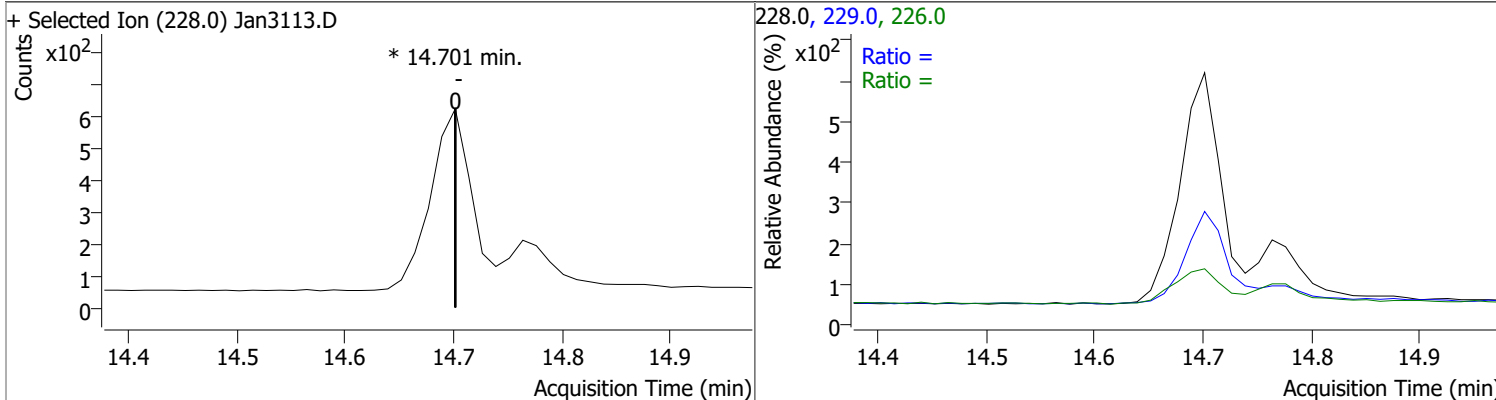
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.78	101.0	15.4



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	103.6577	12.25	0.00	48833	122.0	14.0	9.8	18.2

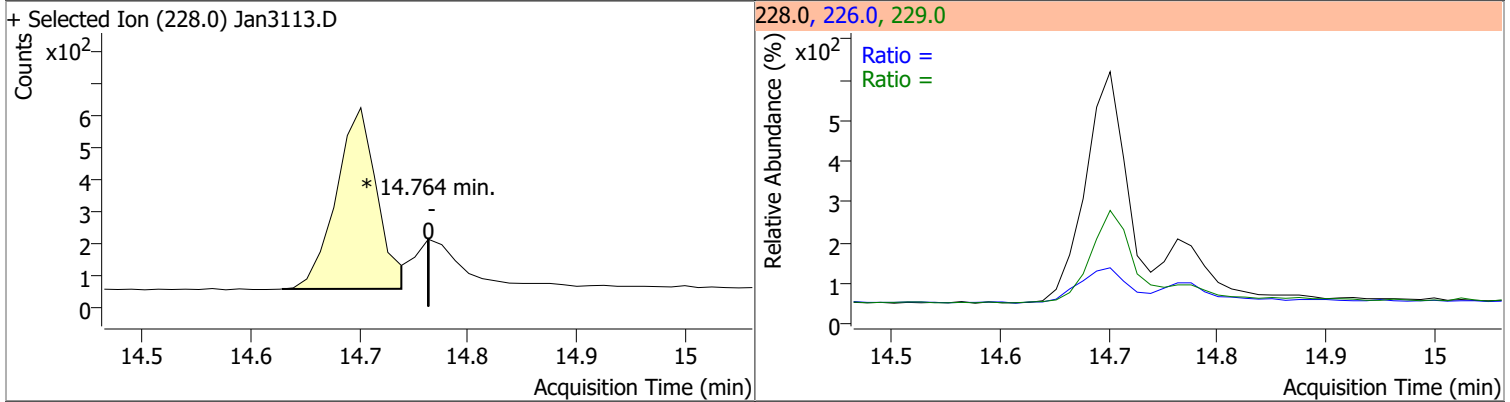


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene		0	0	0	226.0		19.0	35.2
					229.0		16.0	29.7

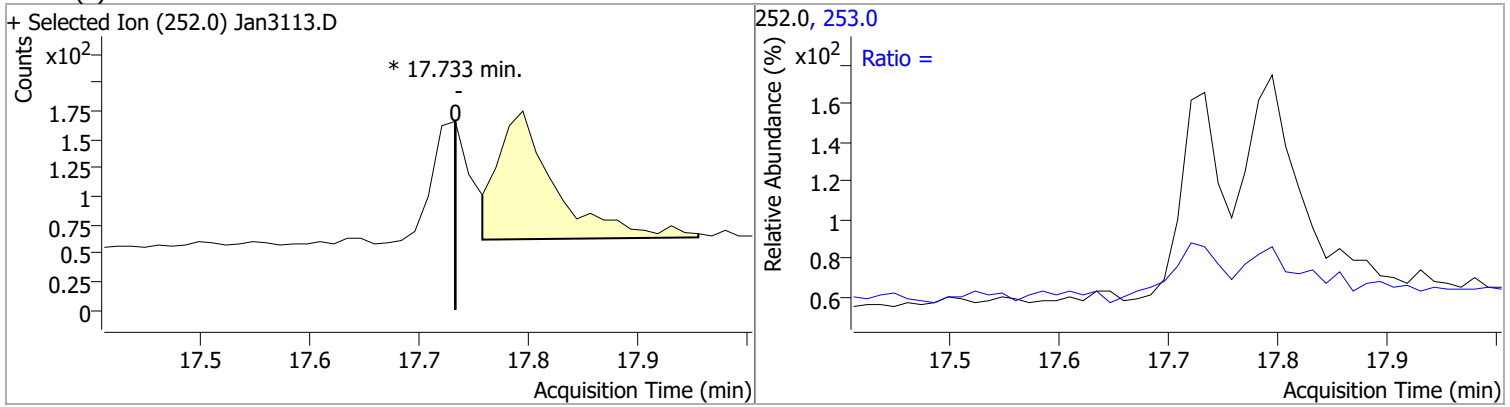


# Quantitation Results Report (QT Reviewed)

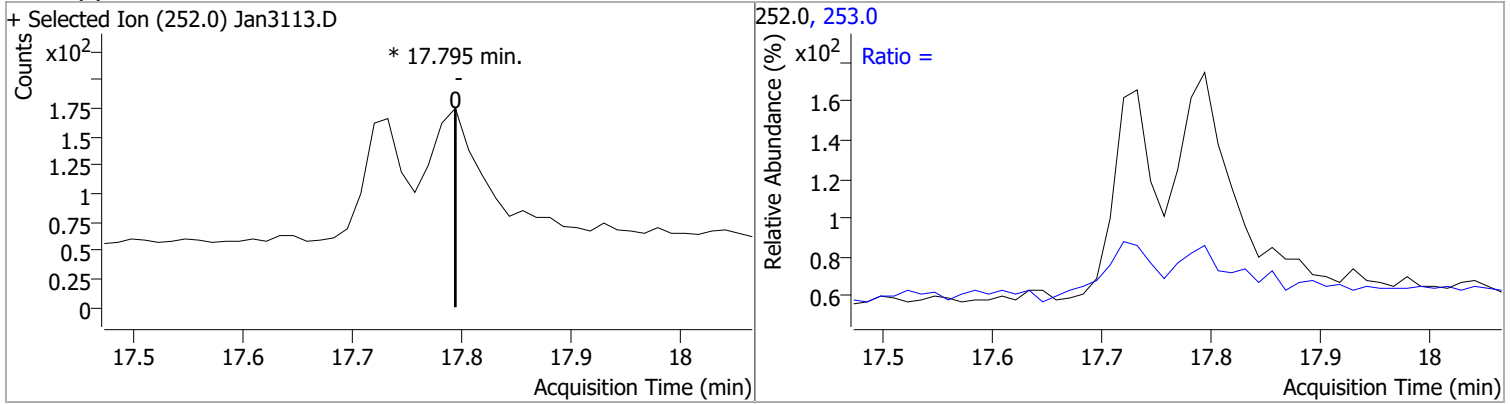
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0	0	0	0	226.0		21.0	39.1
					229.0		14.8	27.6



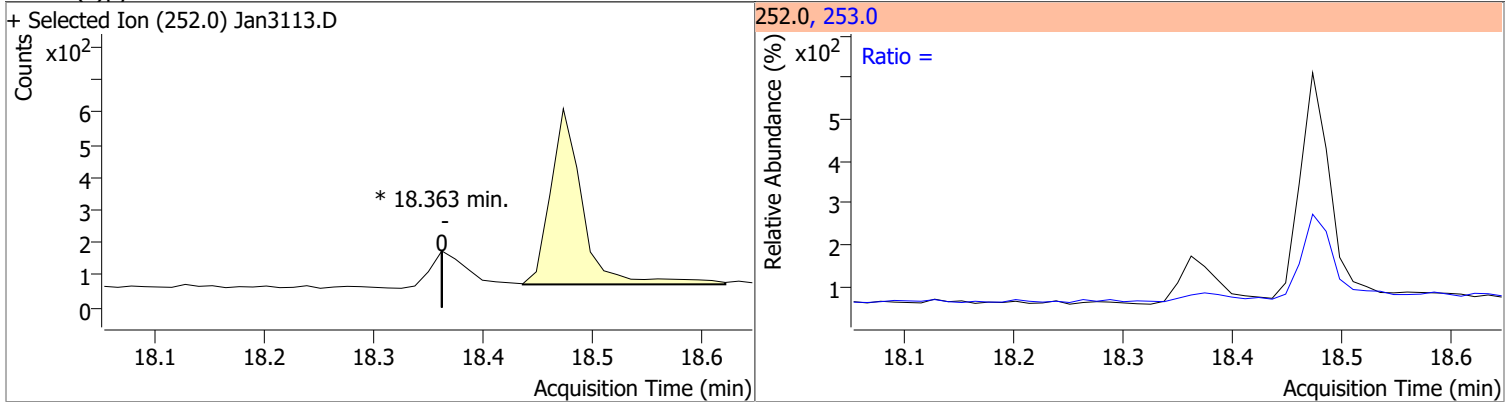
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	0	0	0	0	253.0		14.9	27.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	0	0	0	0	253.0		13.2	24.6

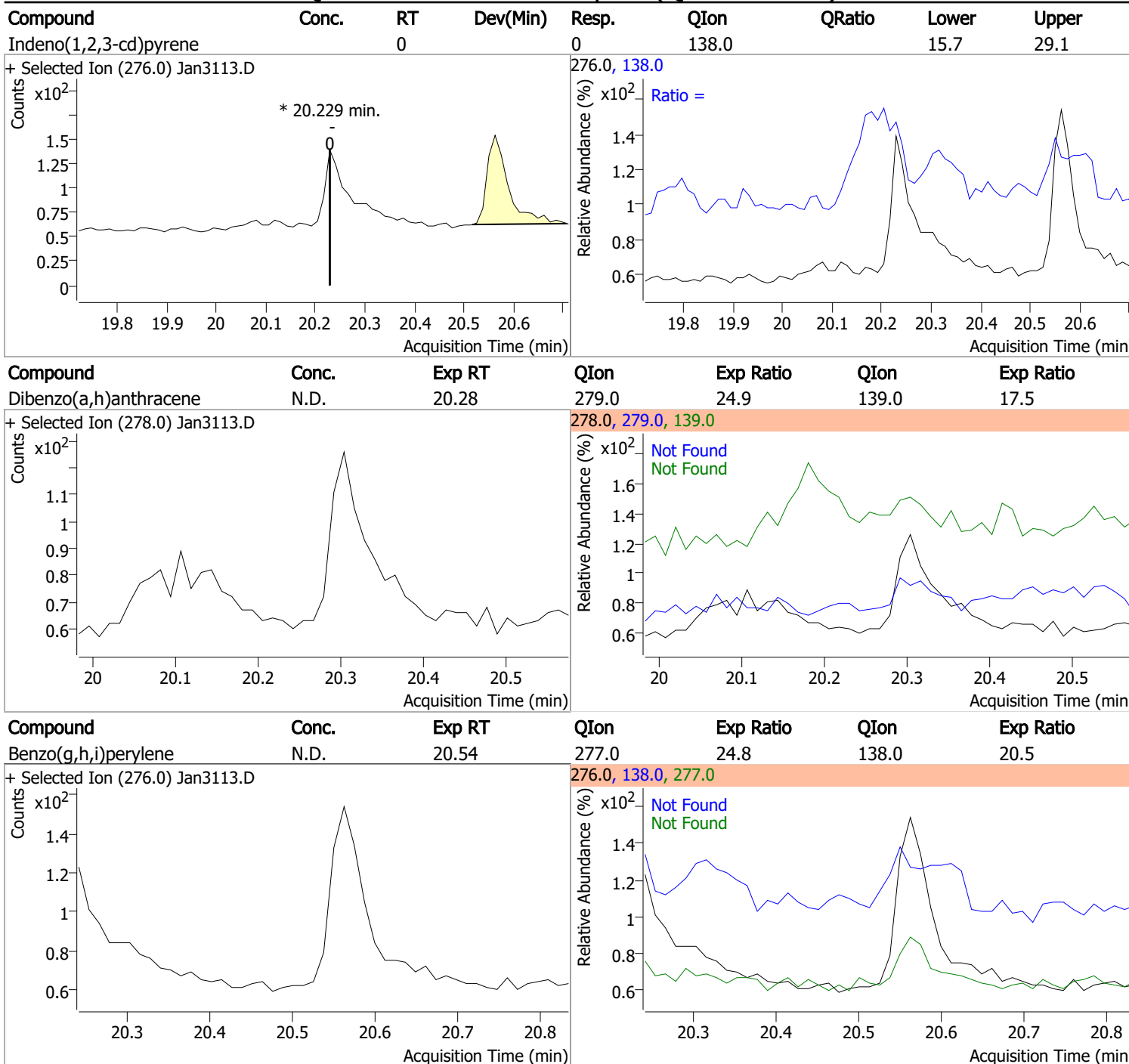


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	0	0	0	0	253.0		16.1	29.9





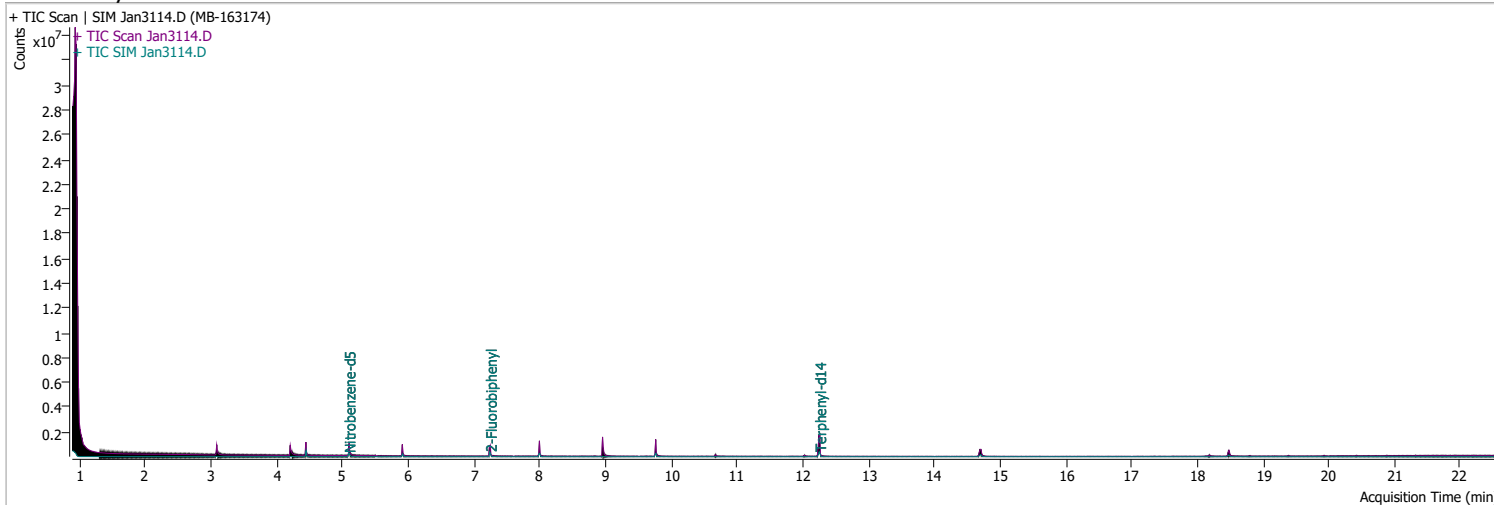
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	Jan3114.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/31/2022 6:57:47 PM
Sample Name	MB-163174	Instrument	GCMS
Vial	7	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.447	152.0	134813	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.916	136.0	232694	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	154565	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	332822	40.0000	ng/ml	0.000
M Chrysene-d12	14.702	240.0	269463	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	178620	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.094	82.0	345546	42.9081	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 858.16%		*
S 2-Fluorobiphenyl	7.240	172.0	386228	55.6241	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1112.48%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.251	244.0	548126	80.6631	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1613.26%		*
<b>Target Compounds</b>						<b>QValue</b>
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.025	154.0	0		ng/ml	md
T Fluorene	8.661	166.0	0		ng/ml	md
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.702	228.0	0		ng/ml	md
T Chrysene	14.764	228.0	0		ng/ml	md
T Benzo(b)fluoranthene	0.000		0	N.D.		

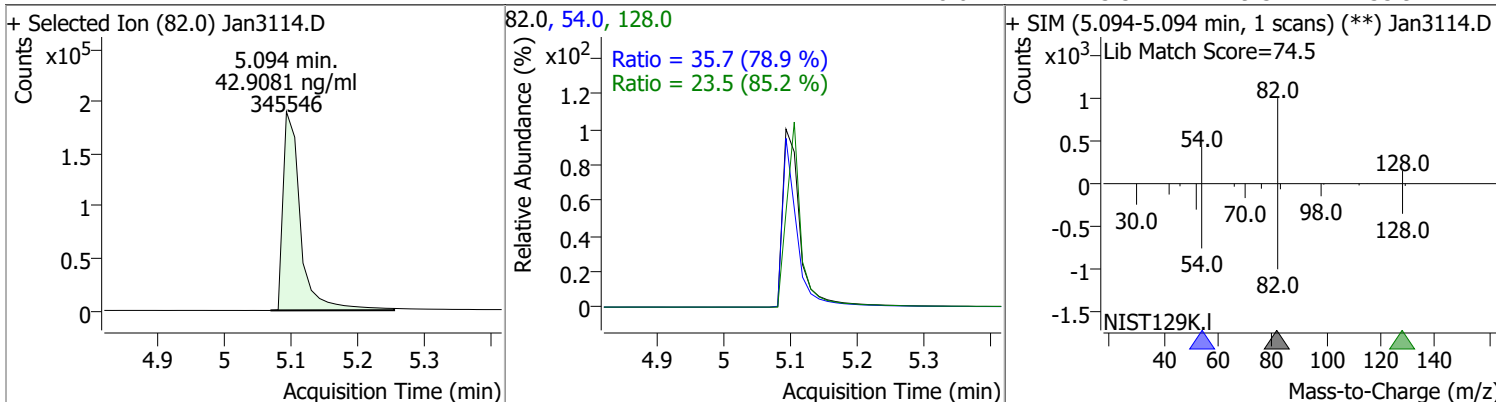
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.363	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

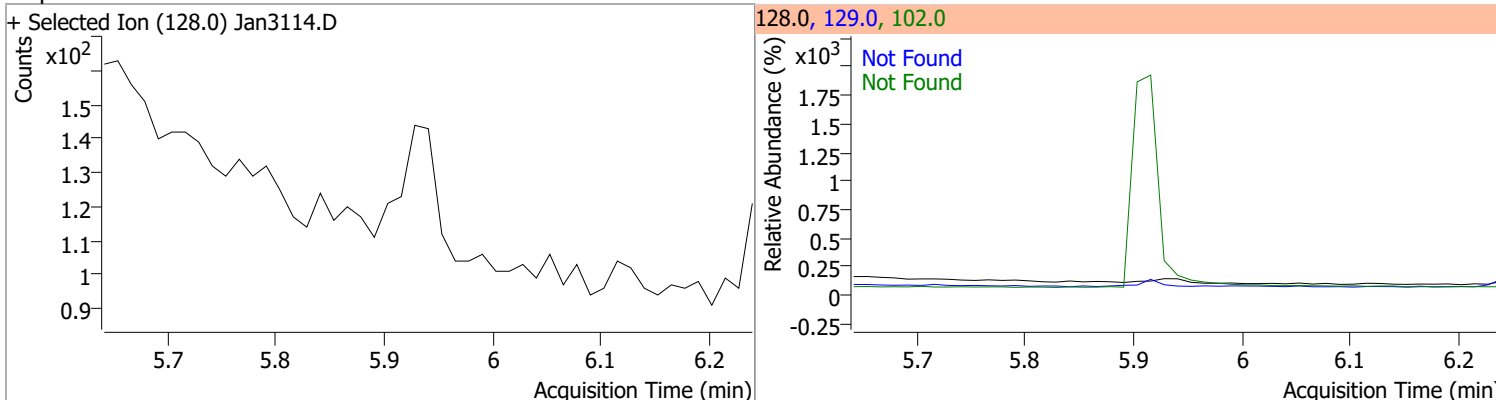
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

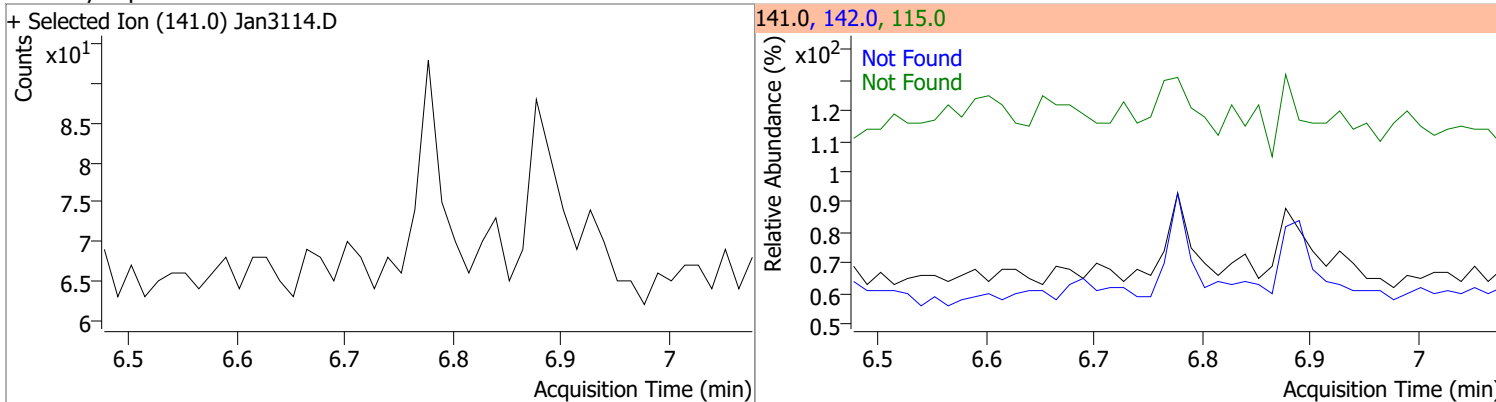
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	42.9081	5.09	-0.02	345546	54.0	35.7	31.6	58.8
					128.0	23.5	19.3	35.9



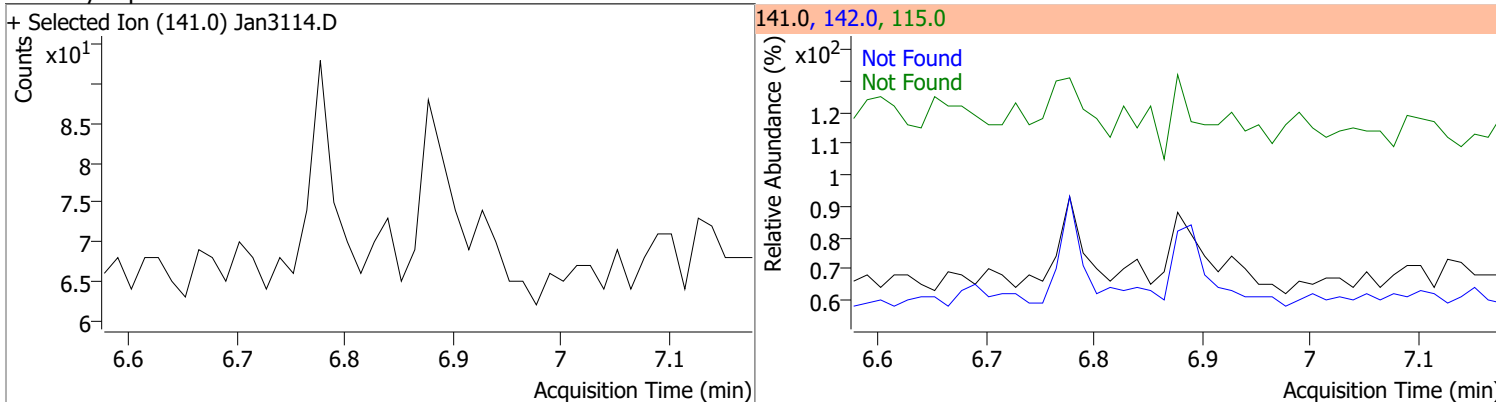
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



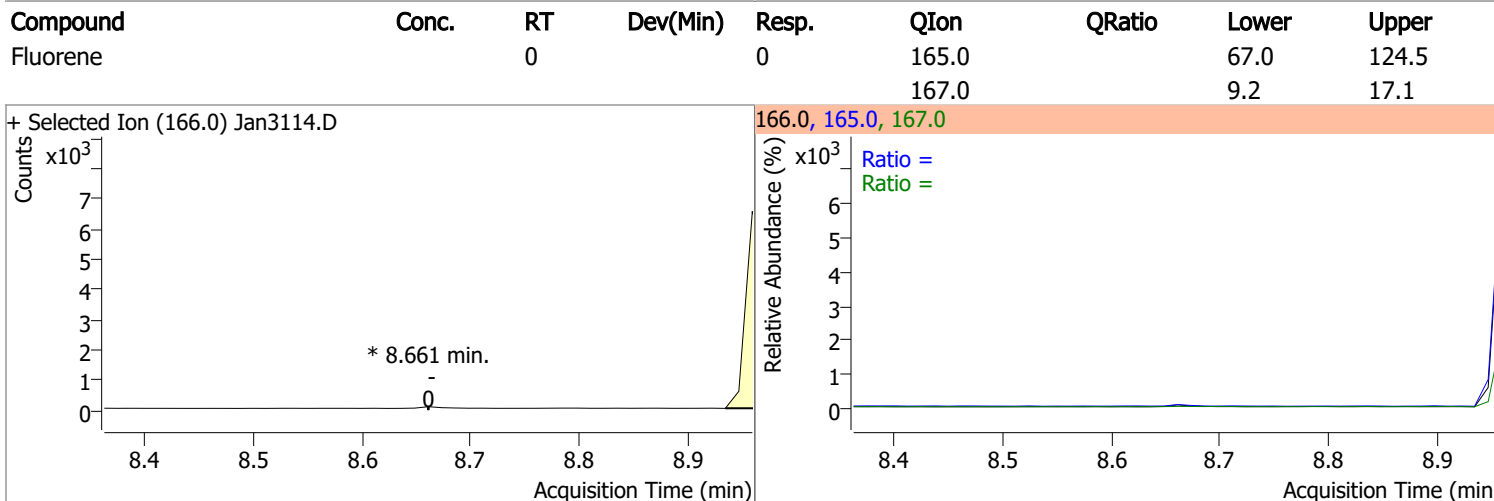
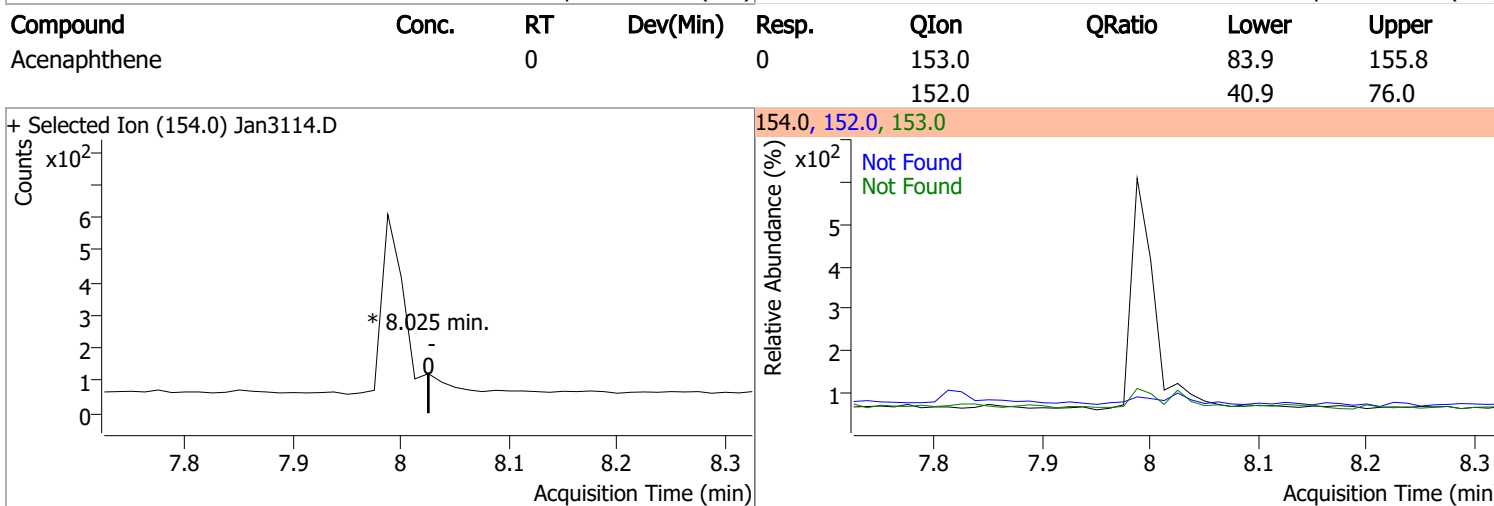
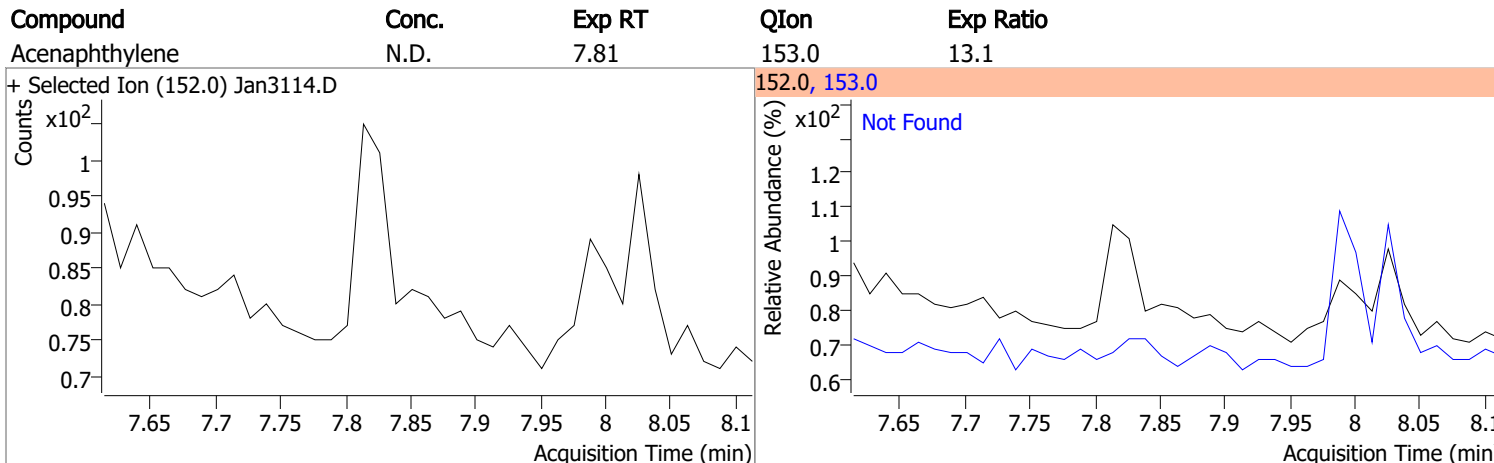
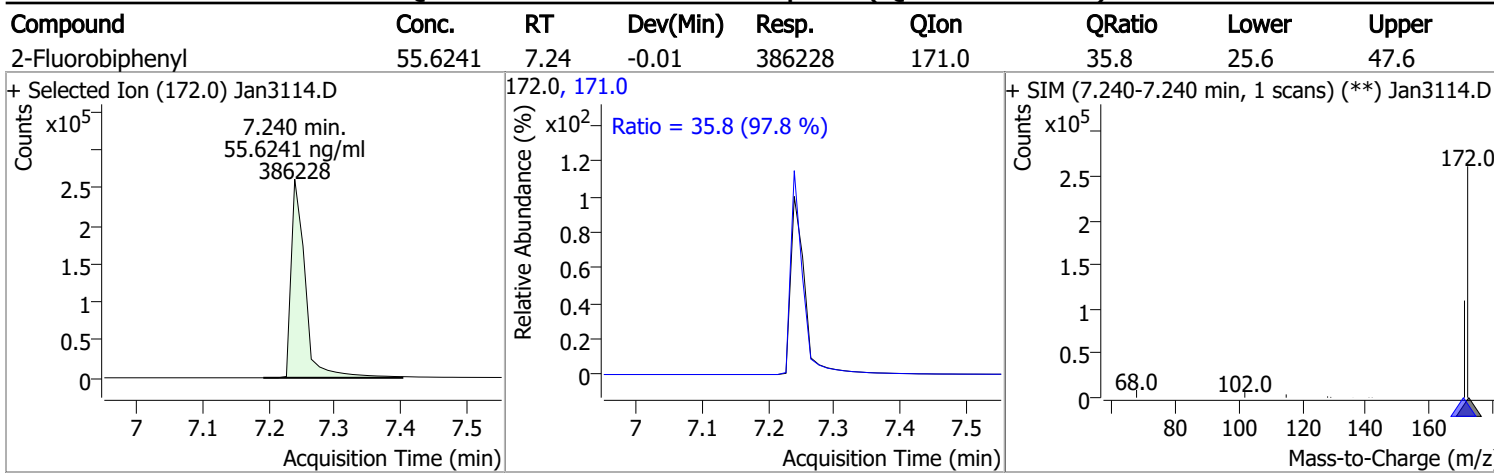
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1



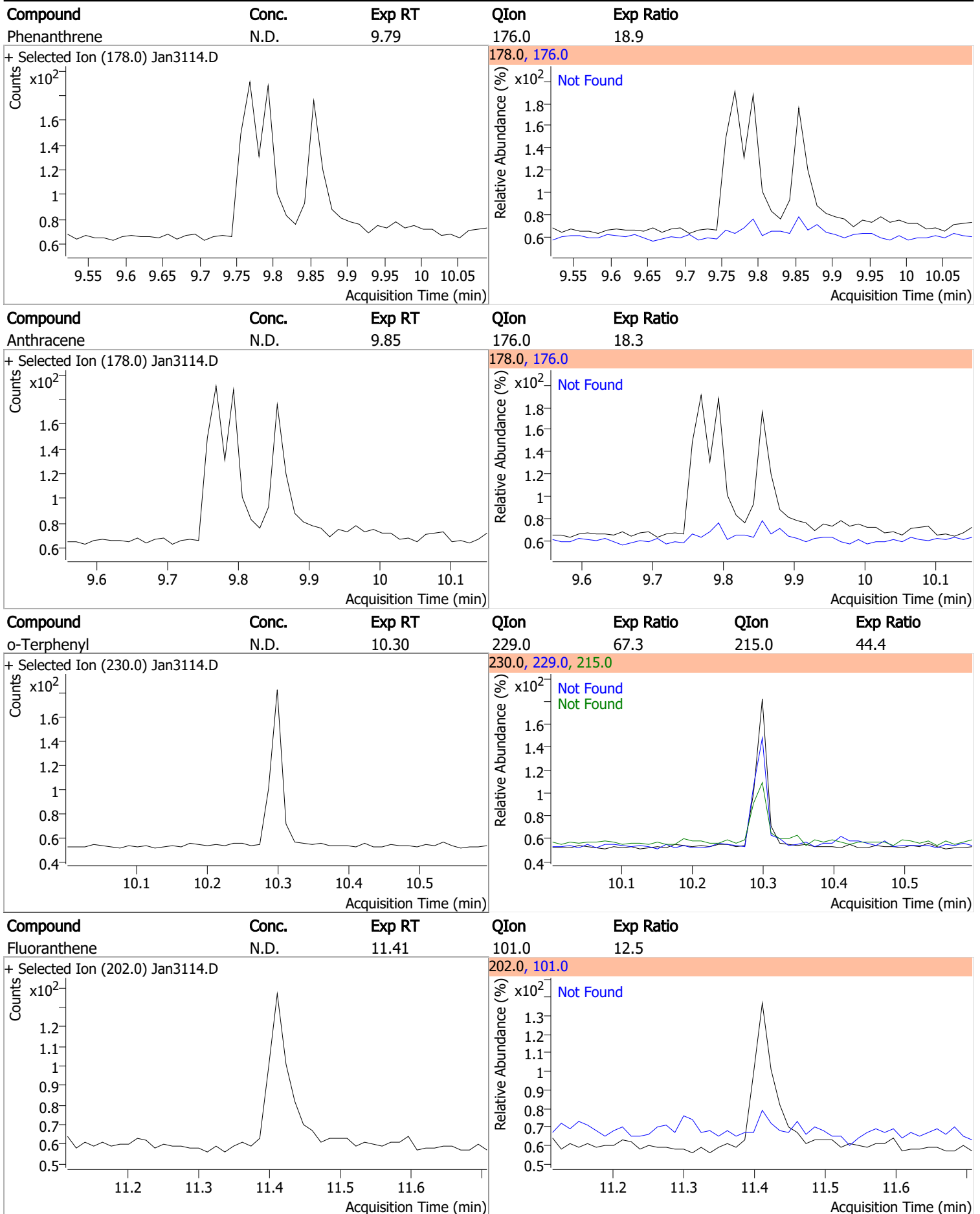
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3



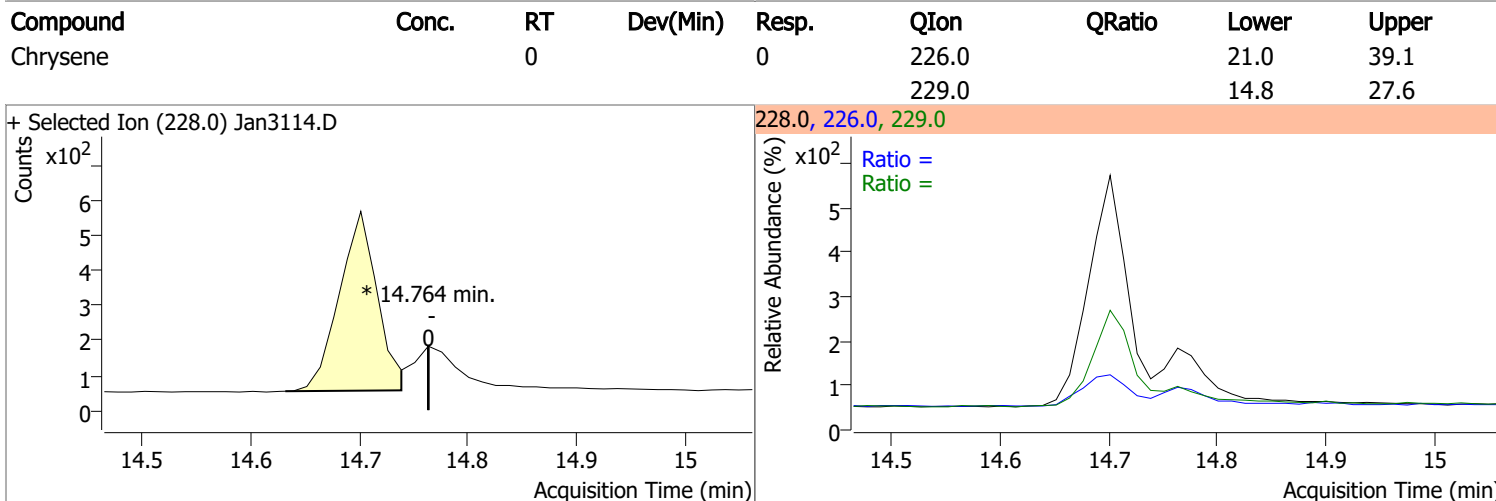
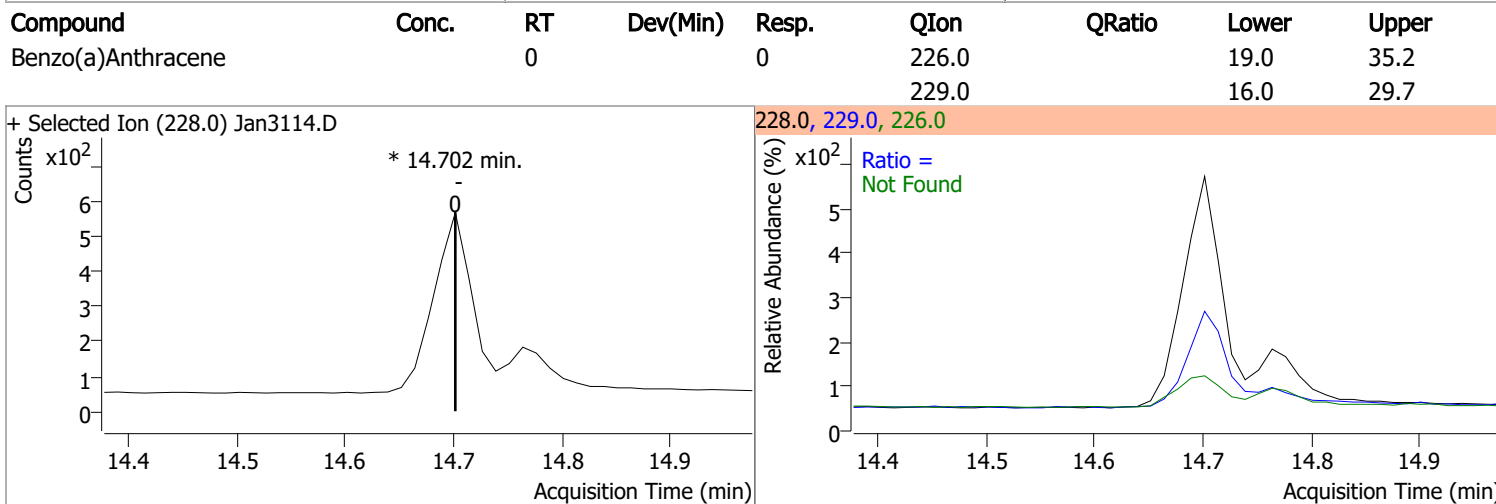
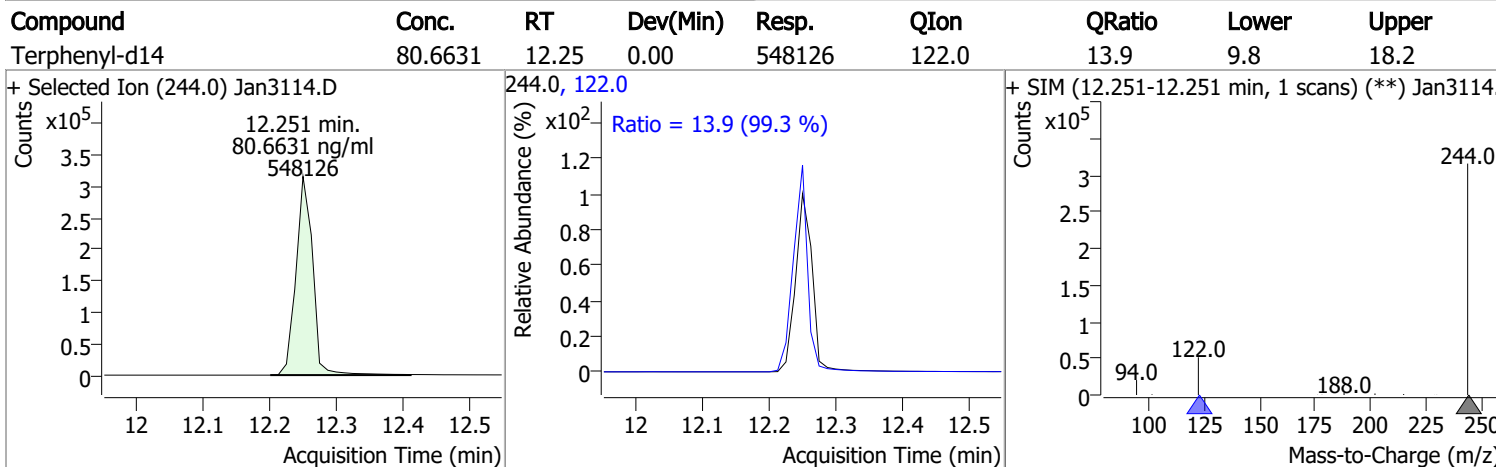
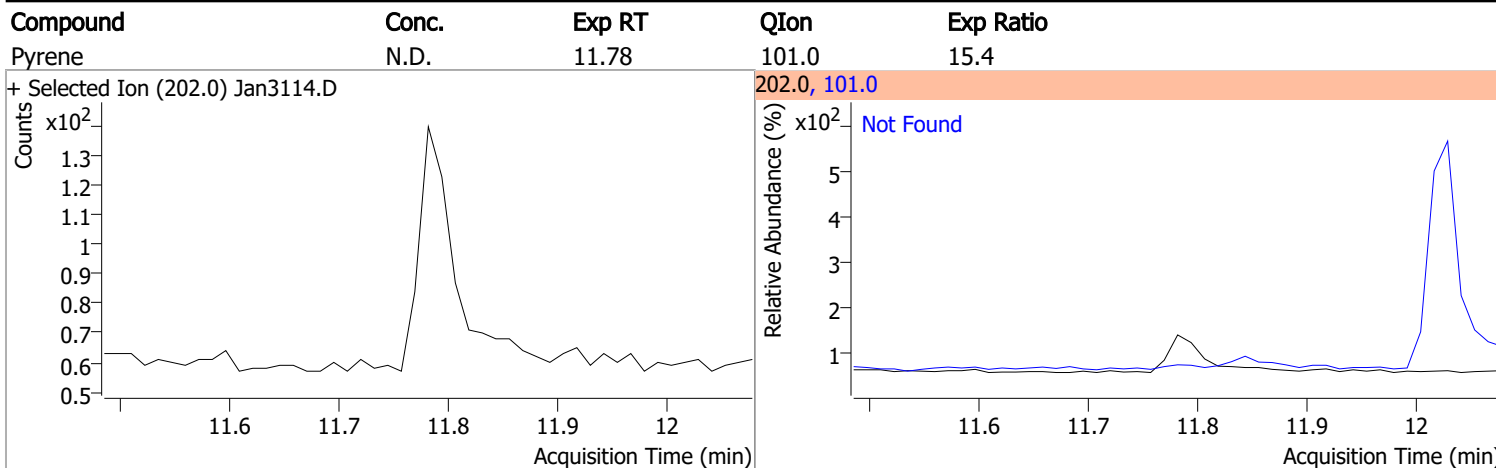
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

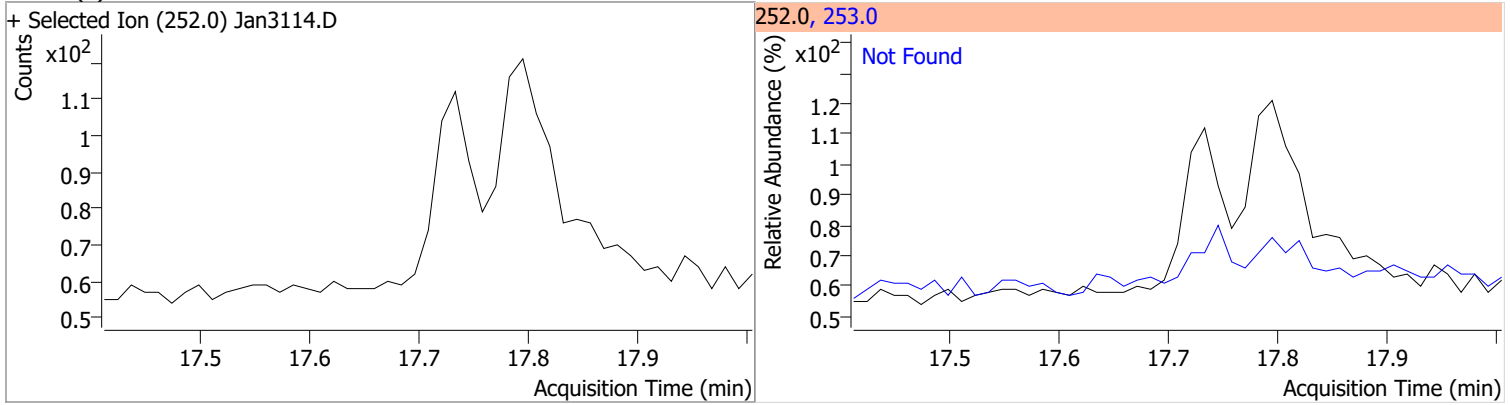


# Quantitation Results Report (QT Reviewed)

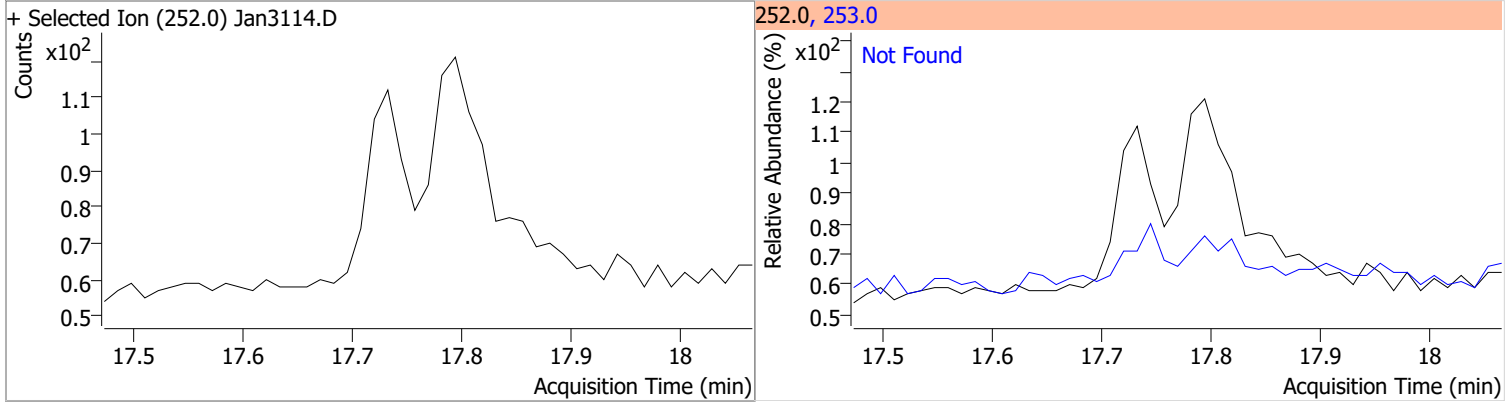


# Quantitation Results Report (QT Reviewed)

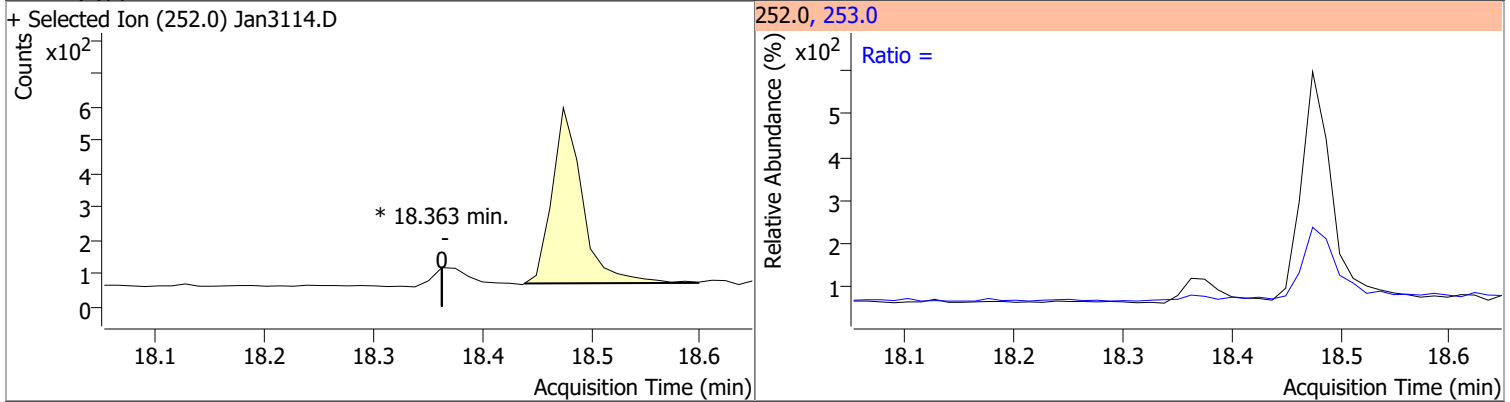
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.71	253.0	21.3



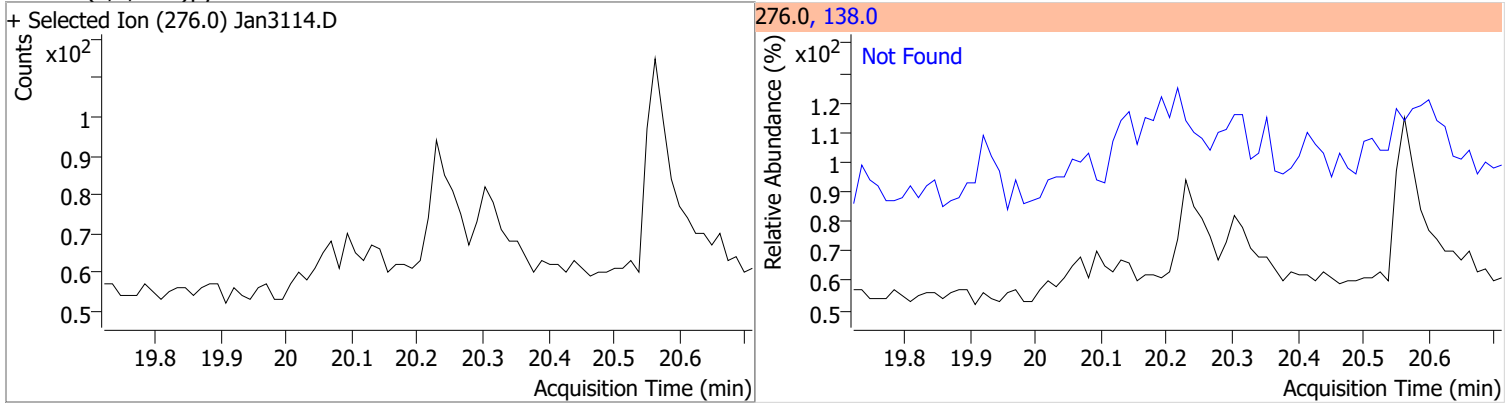
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.77	253.0	18.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.1	29.9



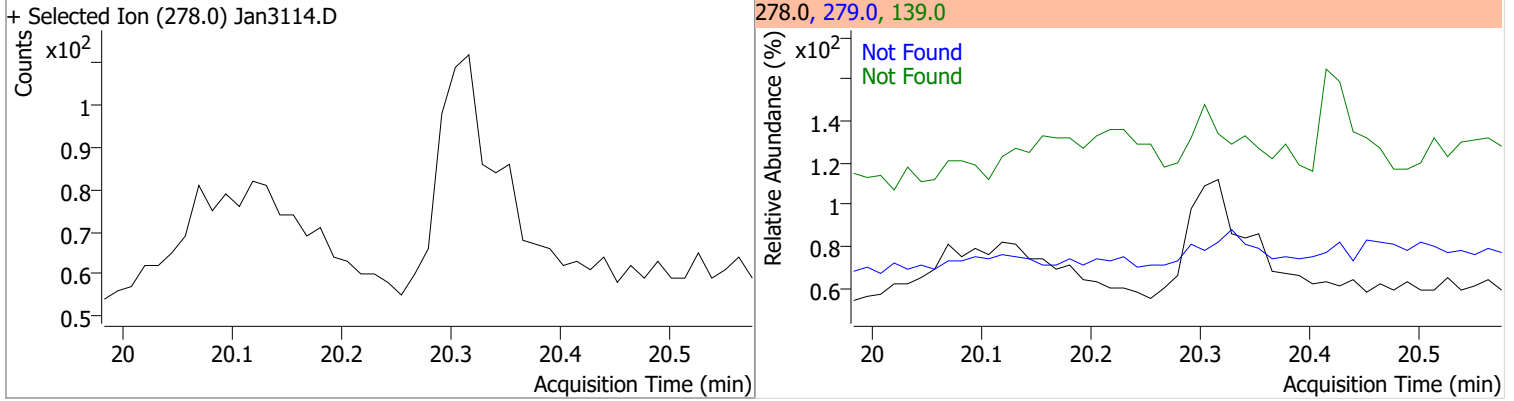
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.22	138.0	22.4



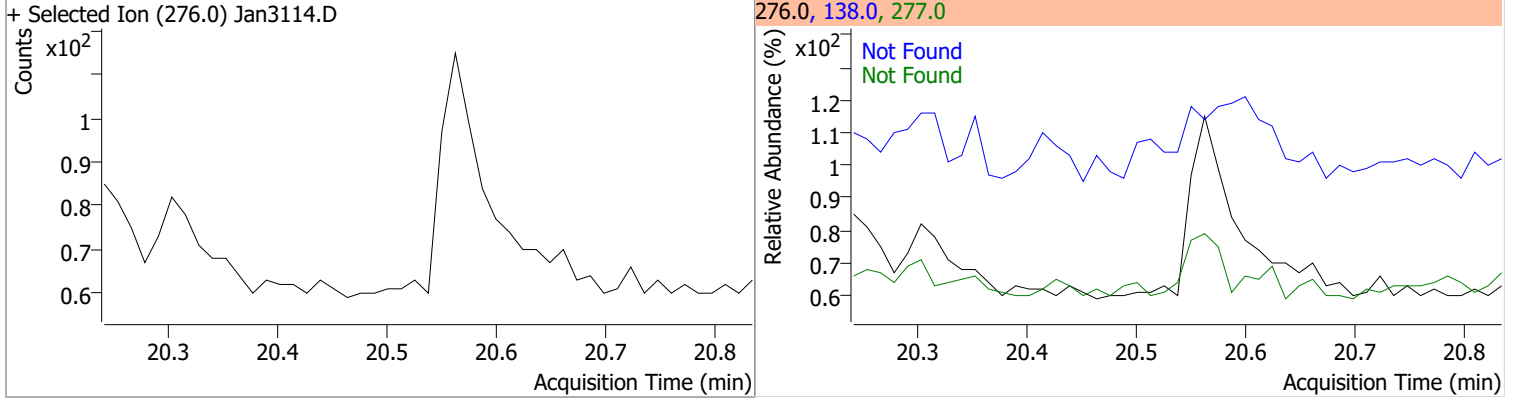


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.28	279.0	24.9	139.0	17.5



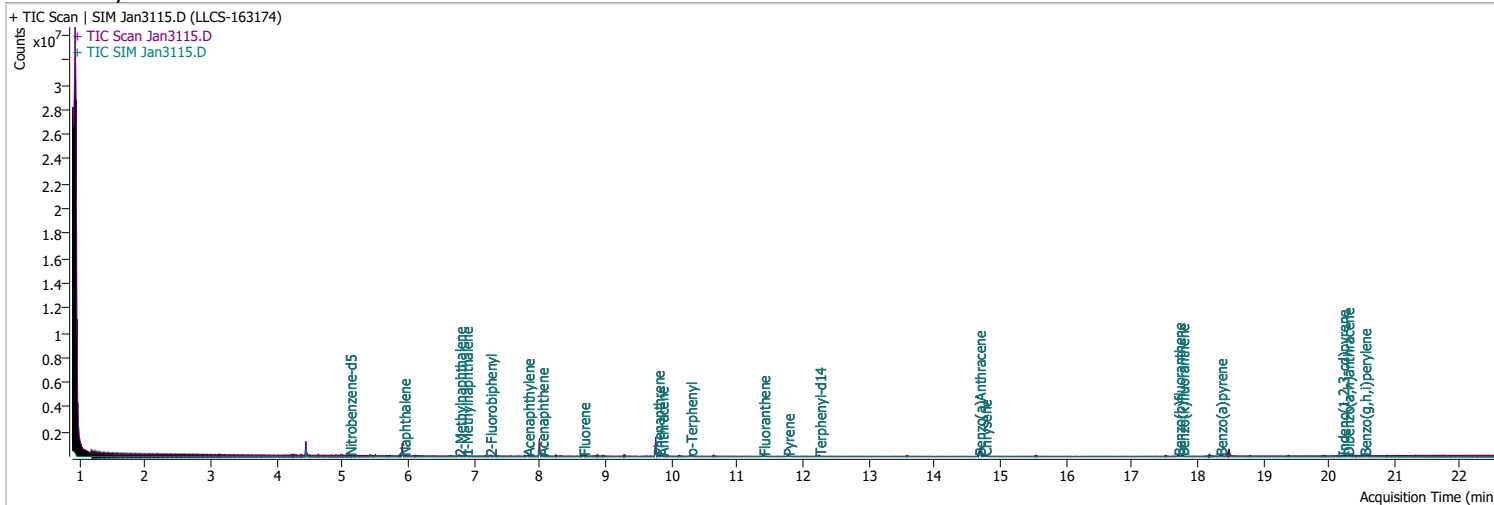
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.54	277.0	24.8	138.0	20.5



# Quantitation Results Report (QT Reviewed)

Data File	Jan3115.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/31/2022 7:30:28 PM
Sample Name	LLCS-163174	Instrument	GCMS
Vial	8	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.447	152.0	139406	40.0000	ng/ml	-0.013
M Naphthalene-d8	5.916	136.0	244198	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.000	164.0	157987	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	363760	40.0000	ng/ml	0.000
M Chrysene-d12	14.701	240.0	286841	40.0000	ng/ml	0.000
M Perylene-d12	18.474	264.0	198739	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	12228	3.6675	ng/ml	-0.013
Spiked Amount: 5.000				Range: 19.0 - 102.0% Recovery = 73.35%		
S 2-Fluorobiphenyl	7.239	172.0	26192	4.2271	ng/ml	-0.013
Spiked Amount: 5.000				Range: 25.0 - 94.0% Recovery = 84.54%		
S o-Terphenyl	10.287	230.0	26239	4.7908	ng/ml	-0.012
Spiked Amount: 5.000				Range: 40.0 - 140.0% Recovery = 95.82%		
S Terphenyl-d14	12.251	244.0	23790	5.0188	ng/ml	0.000
Spiked Amount: 5.000				Range: 39.0 - 106.0% Recovery = 100.38%		
<b>Target Compounds</b>						
T Naphthalene	5.928	128.0	20260	3.2343	ng/ml	93
T 2-Methylnaphthalene	6.777	141.0	13263	3.5012	ng/ml	86
T 1-Methylnaphthalene	6.877	141.0	13260	3.4528	ng/ml	98
T Acenaphthylene	7.813	152.0	30679	4.2374	ng/ml	98
T Acenaphthene	8.025	154.0	19192	4.3157	ng/ml	99
T Fluorene	8.661	166.0	27642	4.5397	ng/ml	98
T Phenanthrene	9.793	178.0	44458	4.6951	ng/ml	100
T Anthracene	9.854	178.0	42764	5.0258	ng/ml	100
T Fluoranthene	11.398	202.0	55329	4.9800	ng/ml	96
T Pyrene	11.769	202.0	56776	4.6868	ng/ml	97
T Benzo(a)Anthracene	14.677	228.0	44040	5.3626	ng/ml	98
T Chrysene	14.764	228.0	56891	5.1492	ng/ml	99
T Benzo(b)fluoranthene	17.708	252.0	41036	5.0513	ng/ml	98

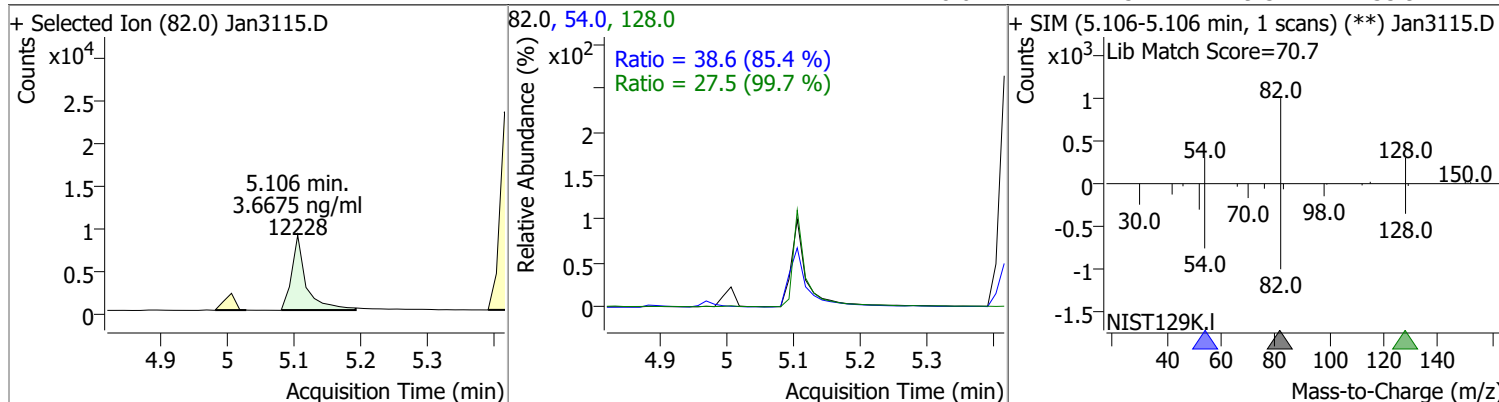
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	45491	4.8165	ng/ml	91
T Benzo(a)pyrene	18.351	252.0	34188	5.0563	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.204	276.0	31407	5.1793	ng/ml	91
T Dibenzo(a,h)anthracene	20.278	278.0	35280	5.1994	ng/ml	98
T Benzo(g,h,i)perylene	20.538	276.0	42325	4.9290	ng/ml	96

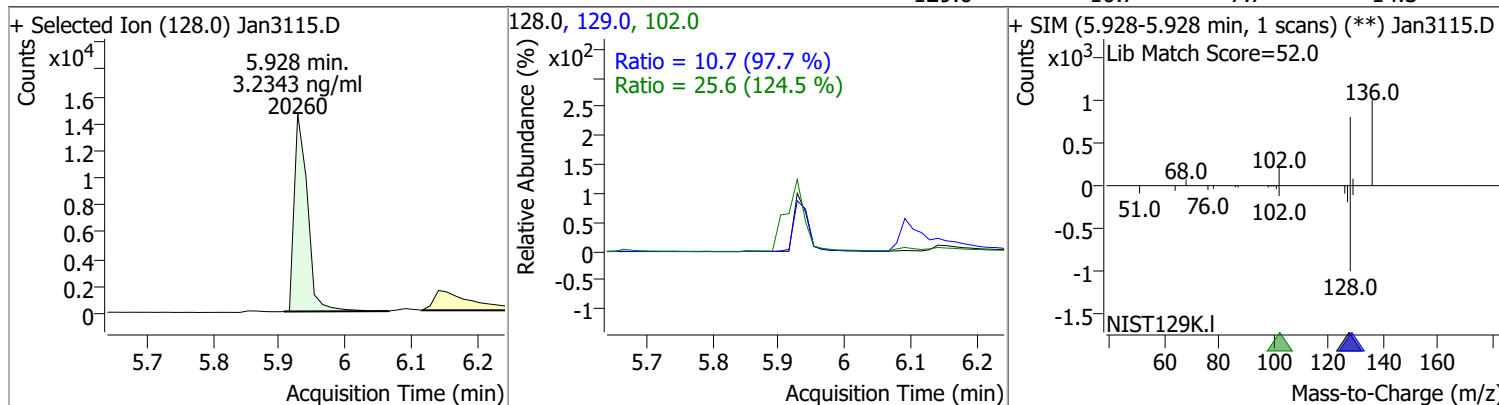
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

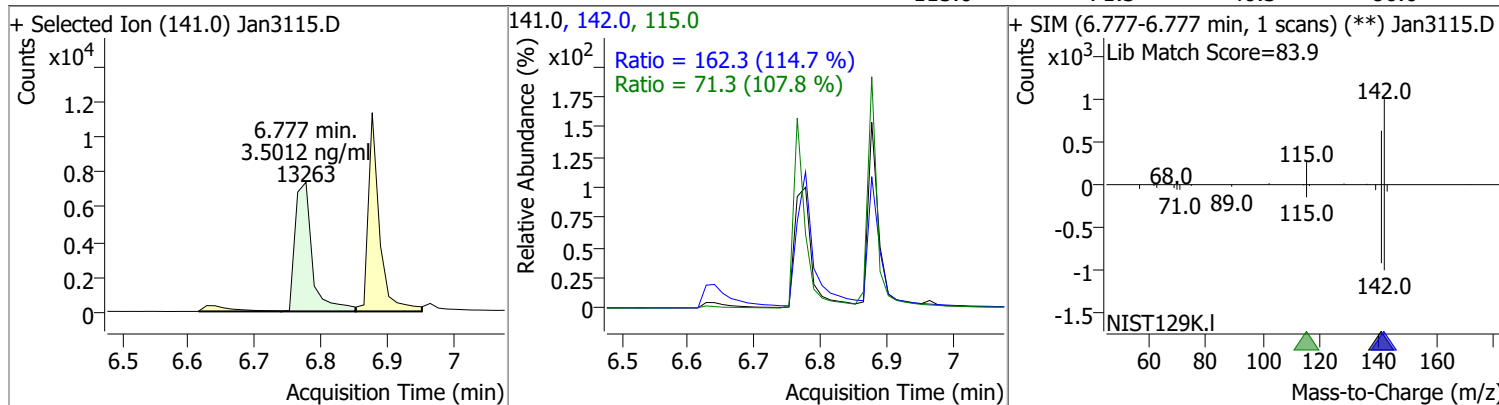
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	3.6675	5.11	-0.01	12228	54.0	38.6	31.6	58.8
					128.0	27.5	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.2343	5.93	-0.01	20260	102.0	25.6	0.0	61.8
					129.0	10.7	7.7	14.3

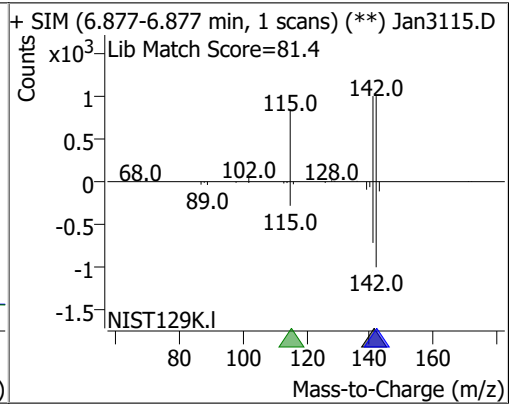
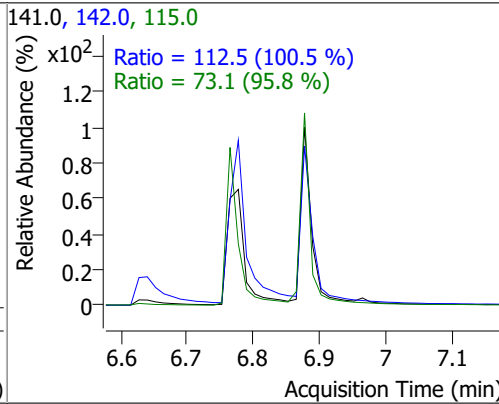
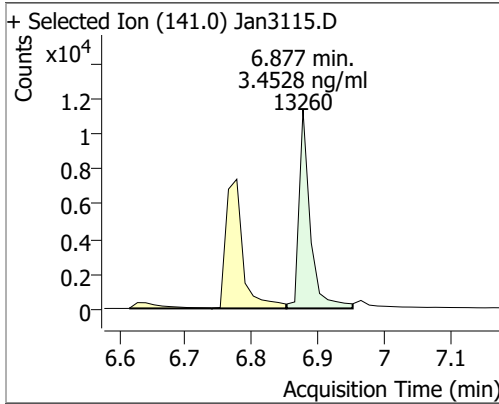


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.5012	6.78	0.00	13263	142.0	162.3	99.1	184.0
					115.0	71.3	46.3	86.0

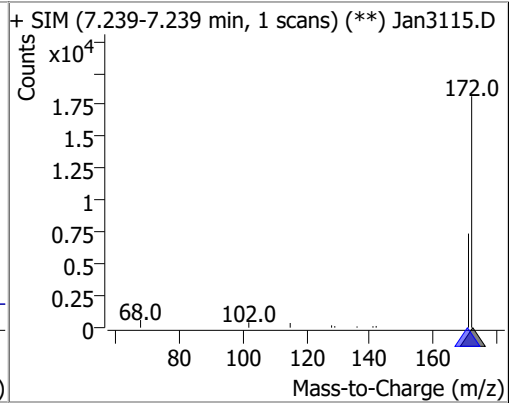
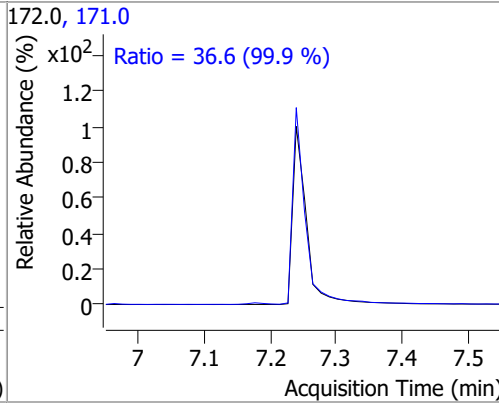
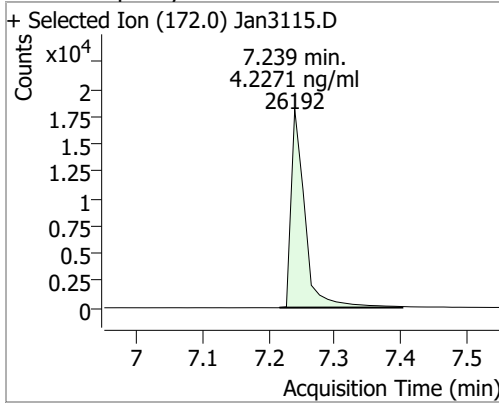


# Quantitation Results Report (QT Reviewed)

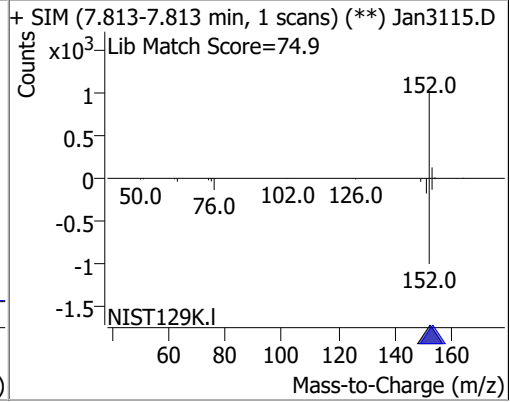
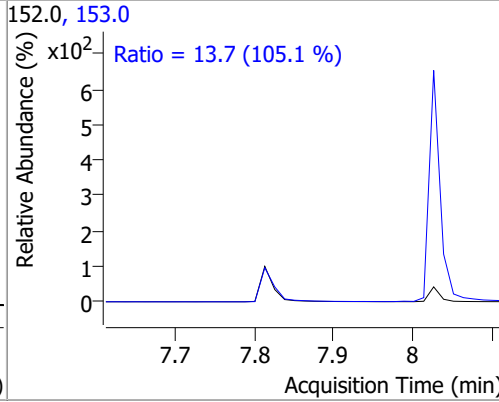
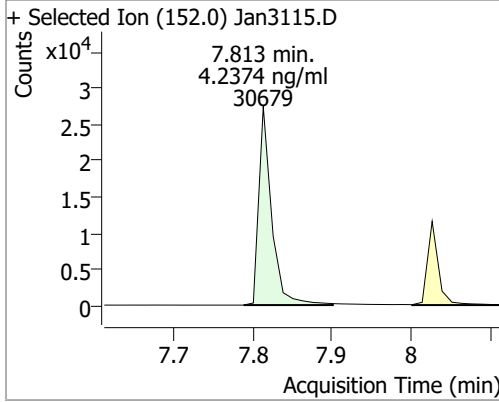
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	3.4528	6.88	0.00	13260	142.0	112.5	78.3	145.5
					115.0	73.1	53.4	99.2



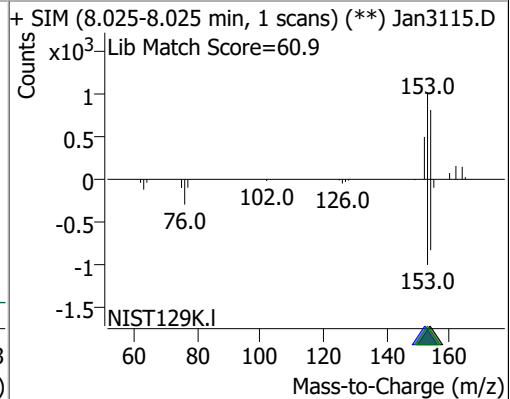
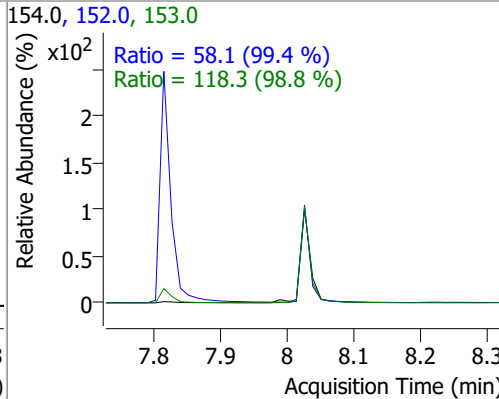
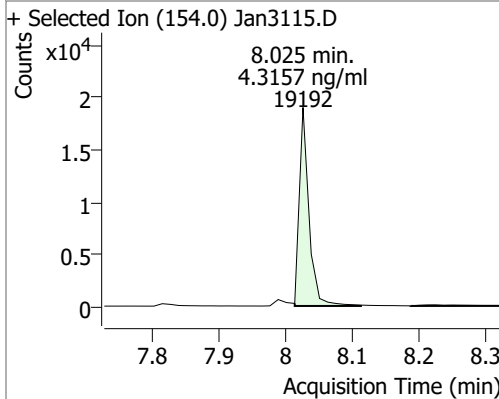
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	4.2271	7.24	-0.01	26192	171.0	36.6	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	4.2374	7.81	0.00	30679	153.0	13.7	9.1	17.0

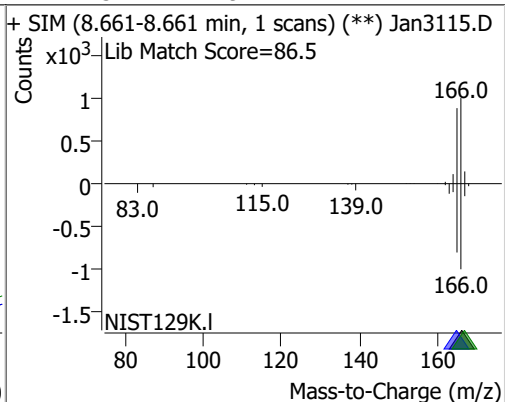
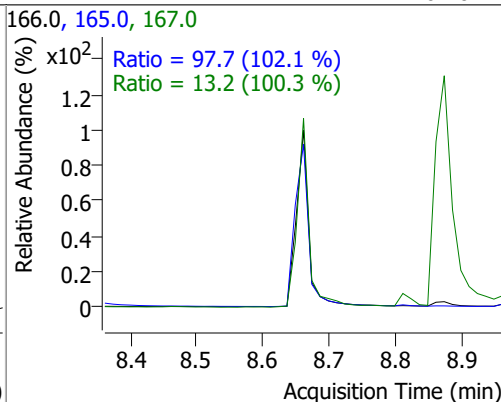
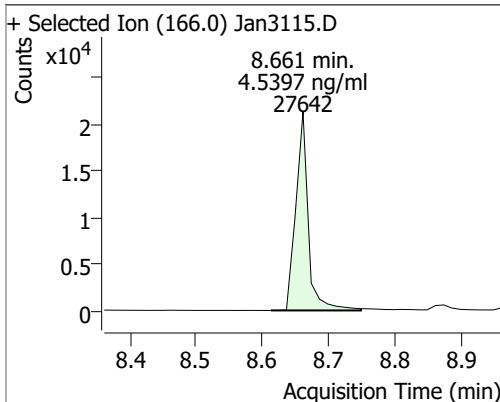


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	4.3157	8.03	0.00	19192	153.0	118.3	83.9	155.8
					152.0	58.1	40.9	76.0

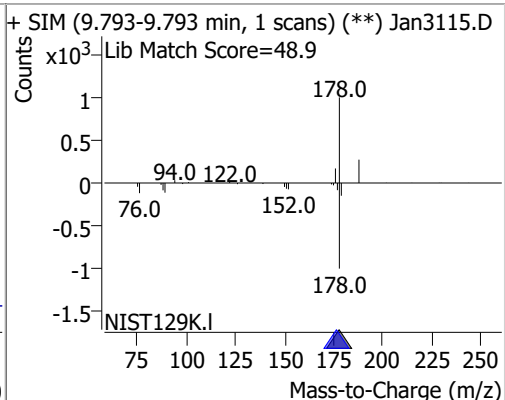
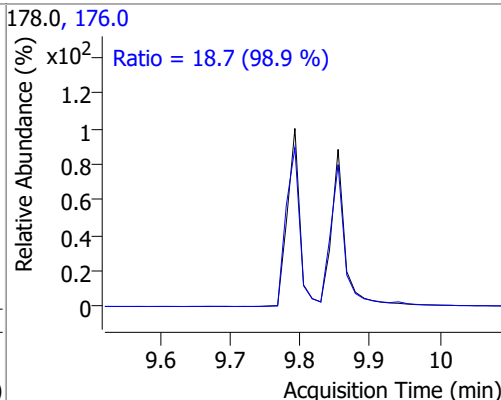
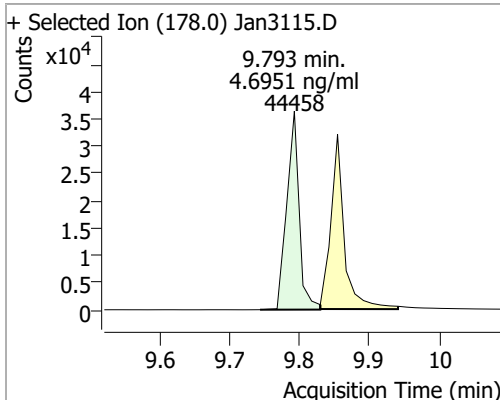


# Quantitation Results Report (QT Reviewed)

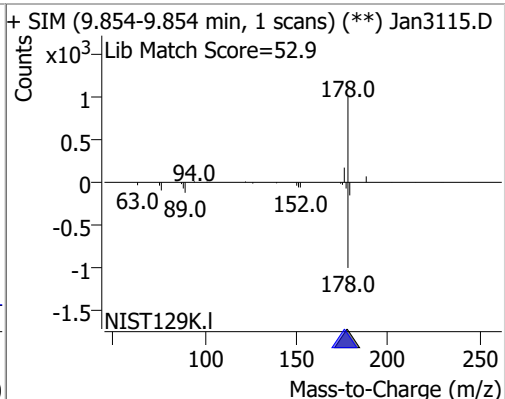
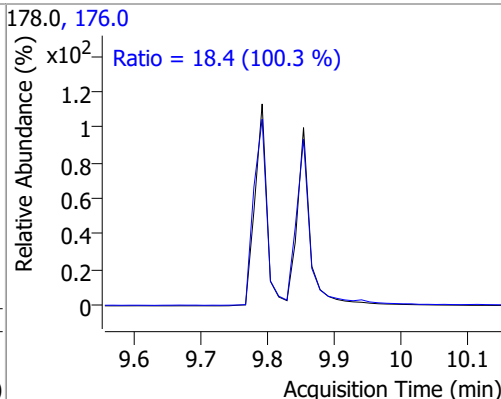
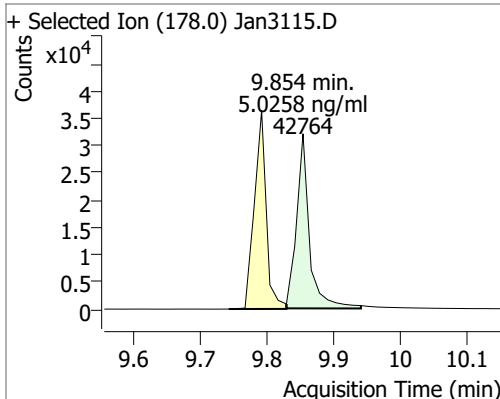
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	4.5397	8.66	0.00	27642	165.0	97.7	67.0	124.5
					167.0	13.2	9.2	17.1



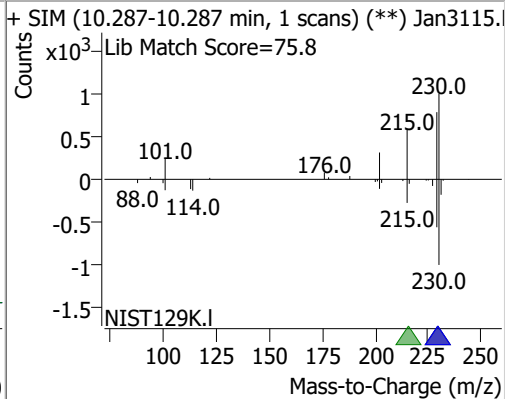
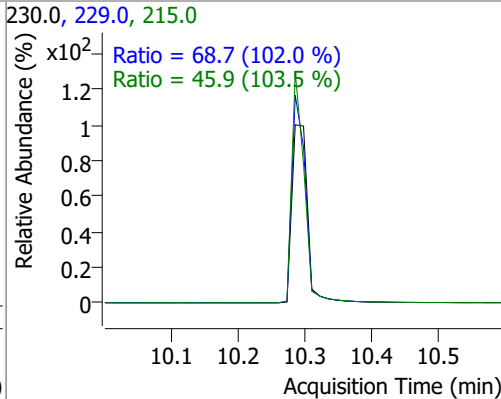
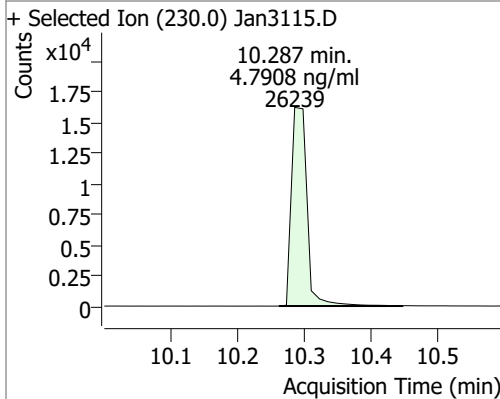
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.6951	9.79	0.00	44458	176.0	18.7	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	5.0258	9.85	0.00	42764	176.0	18.4	12.8	23.8

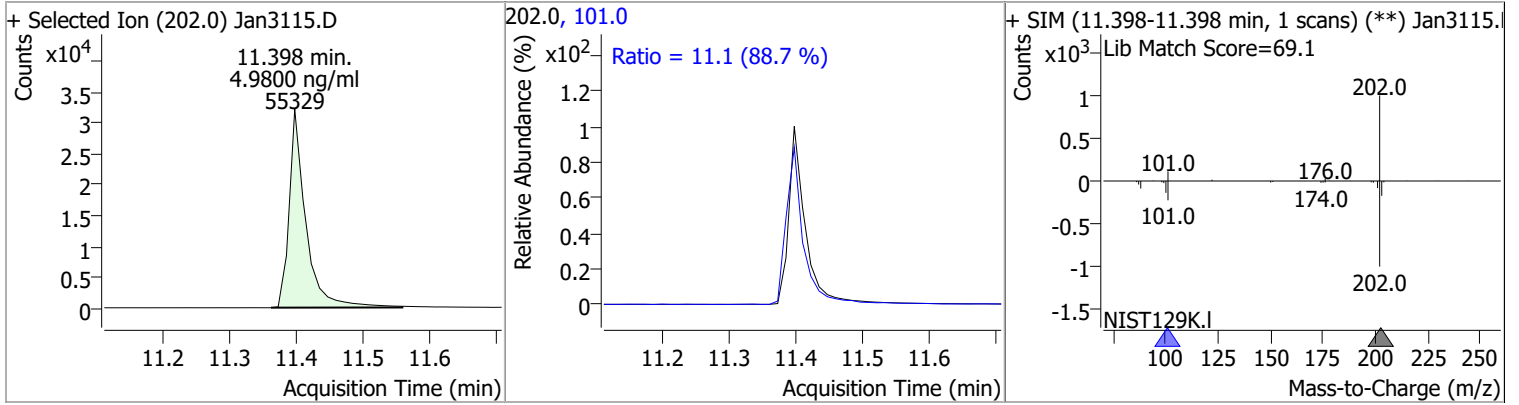


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.7908	10.29	-0.01	26239	229.0	68.7	47.1	87.5
					215.0	45.9	31.1	57.7

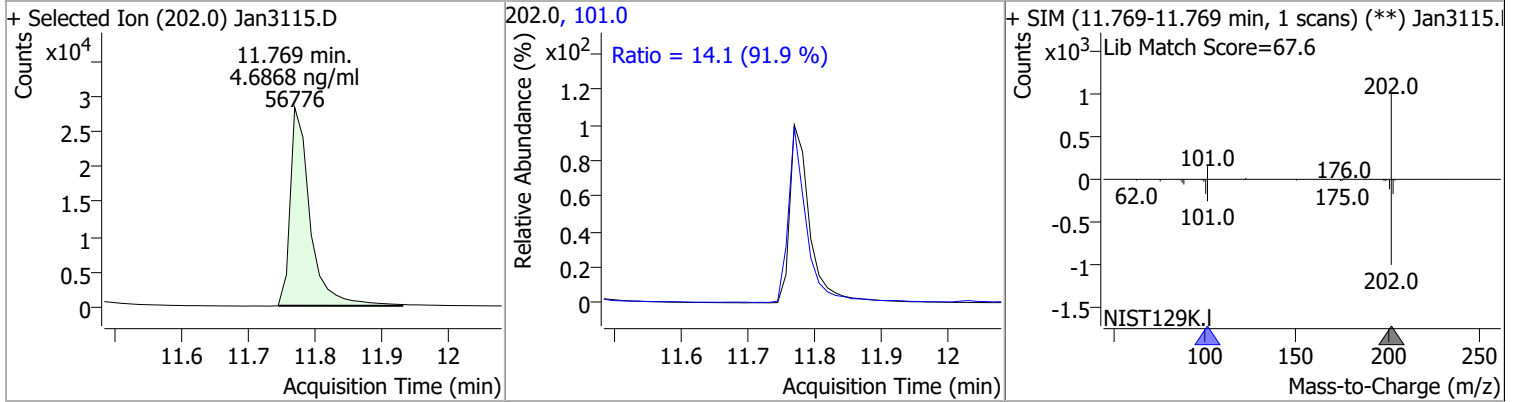


# Quantitation Results Report (QT Reviewed)

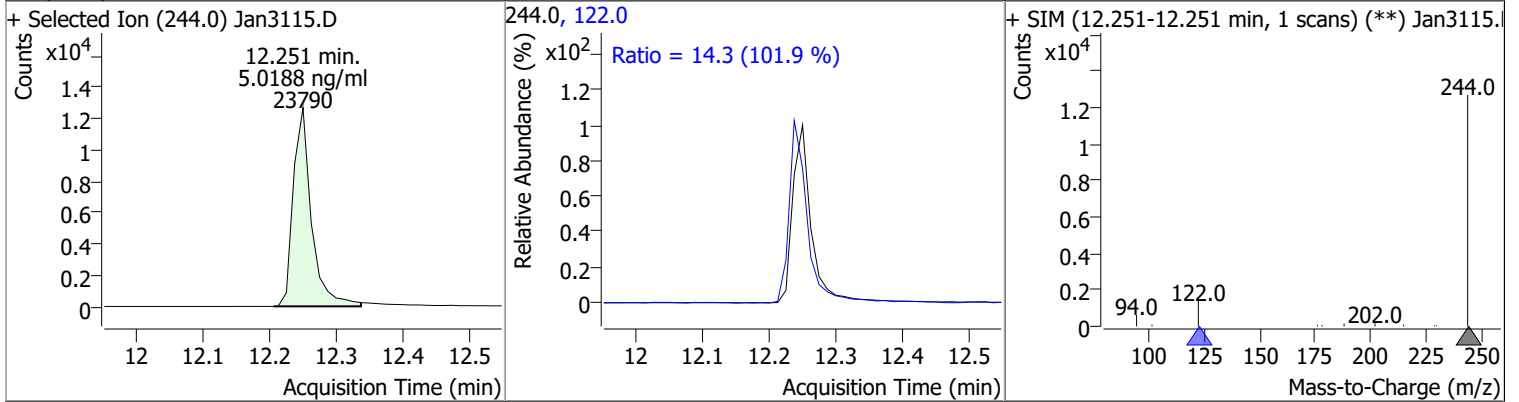
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.9800	11.40	-0.01	55329	101.0	11.1	8.8	16.3



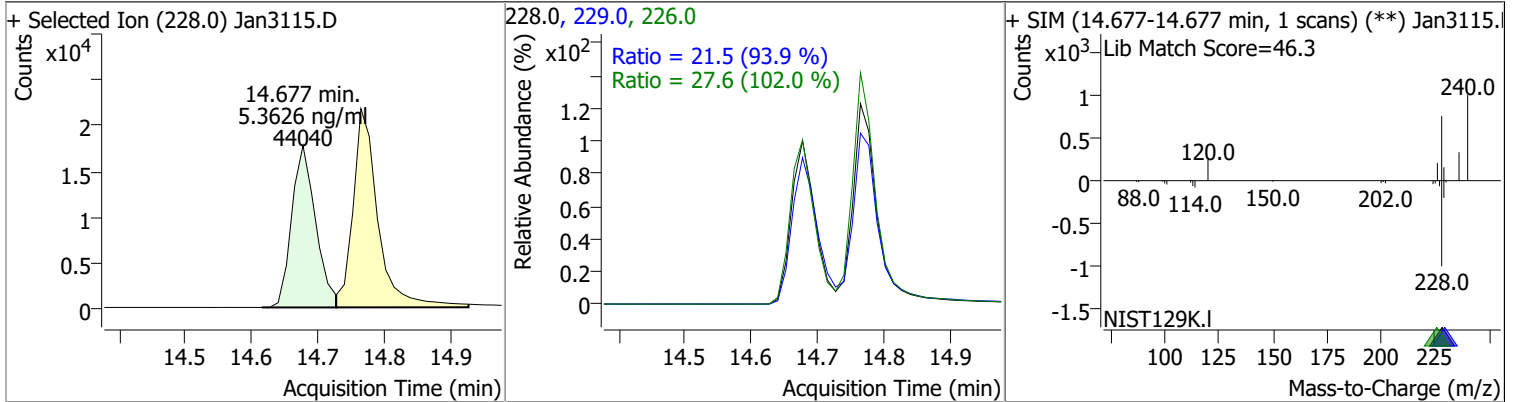
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.6868	11.77	-0.01	56776	101.0	14.1	10.8	20.0



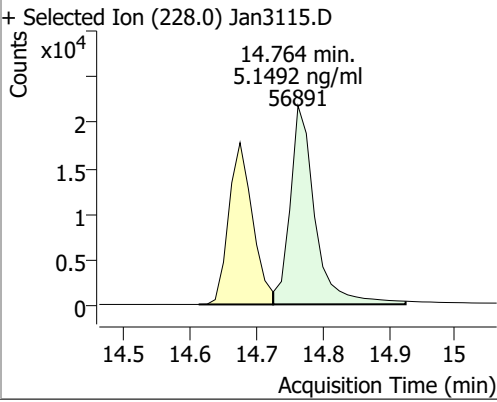
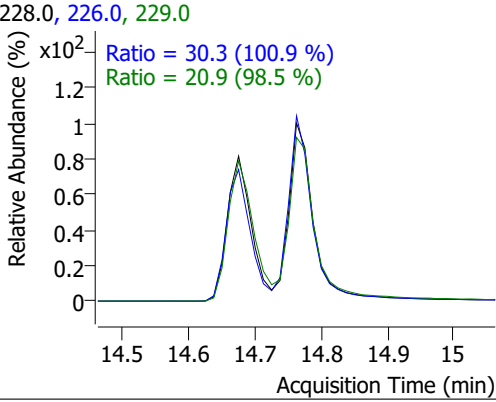
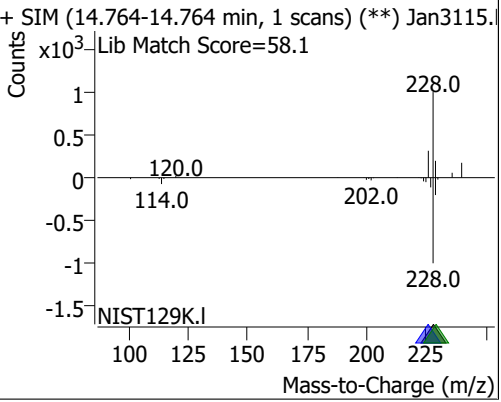
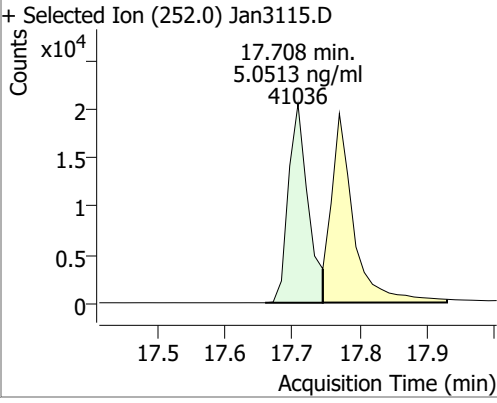
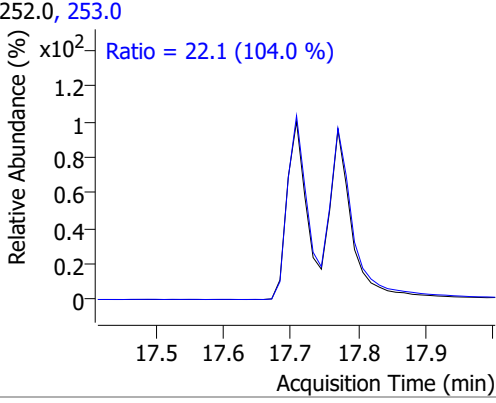
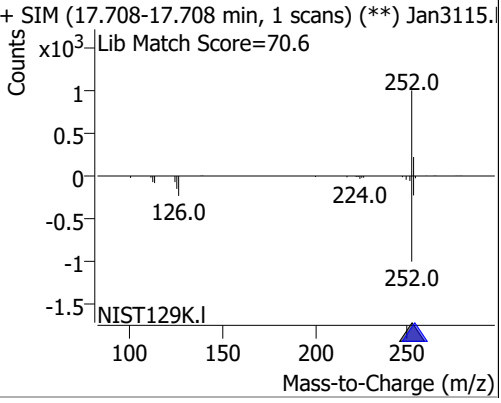
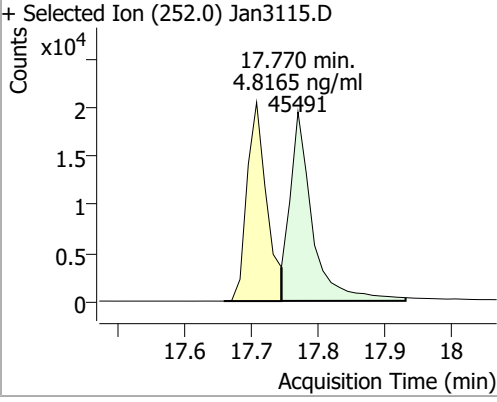
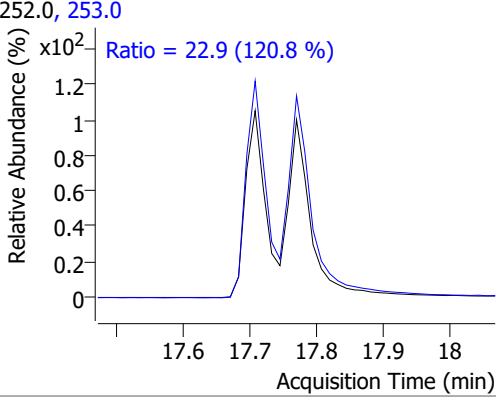
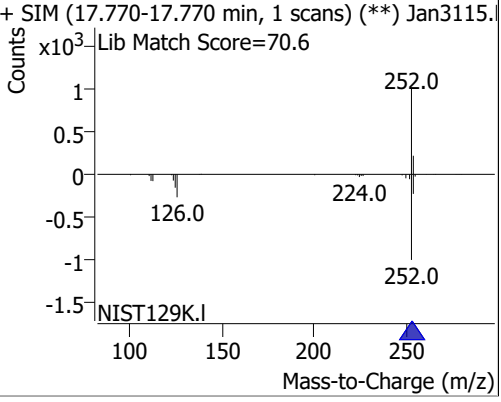
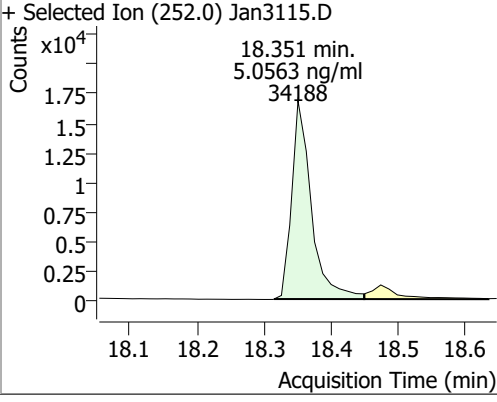
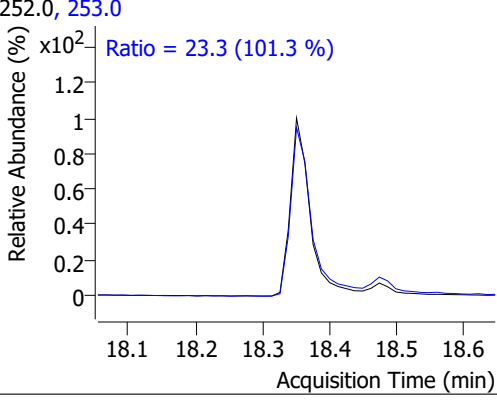
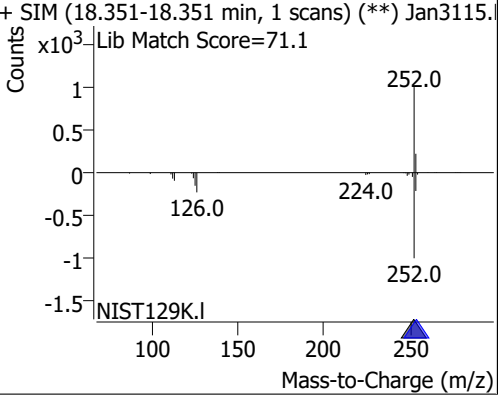
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	5.0188	12.25	0.00	23790	122.0	14.3	9.8	18.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	5.3626	14.68	0.00	44040	226.0	27.6	19.0	35.2
					229.0	21.5	16.0	29.7

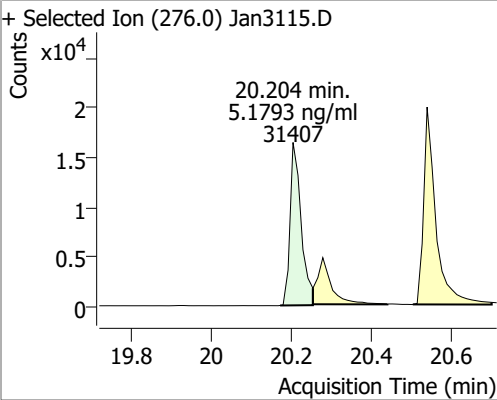
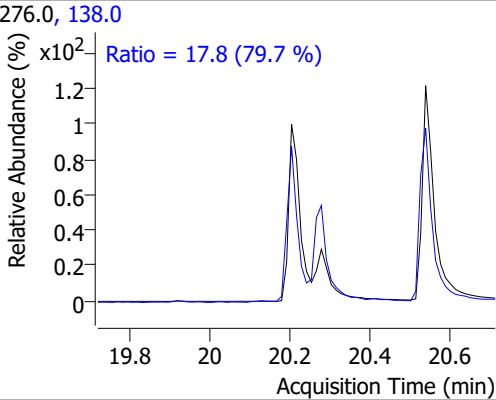
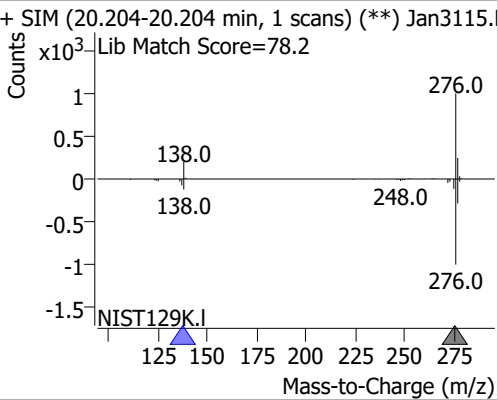
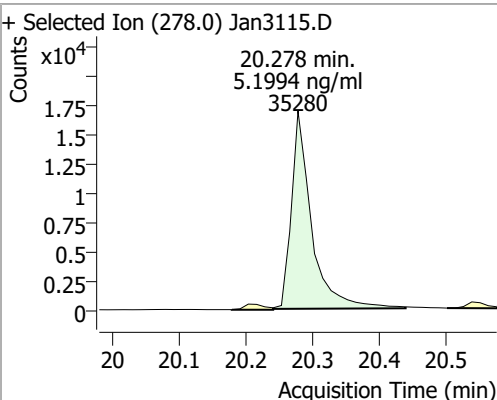
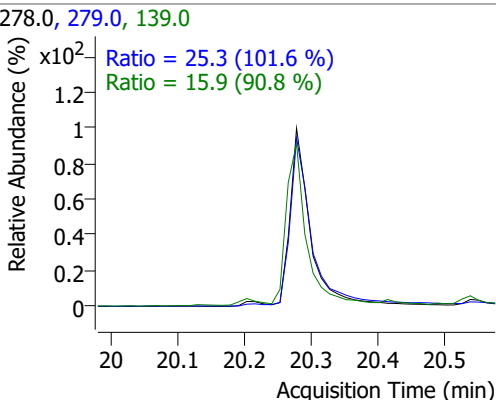
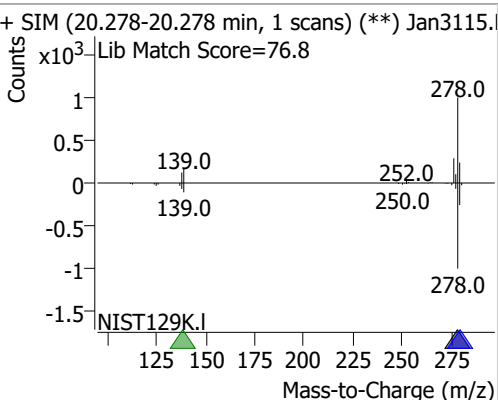
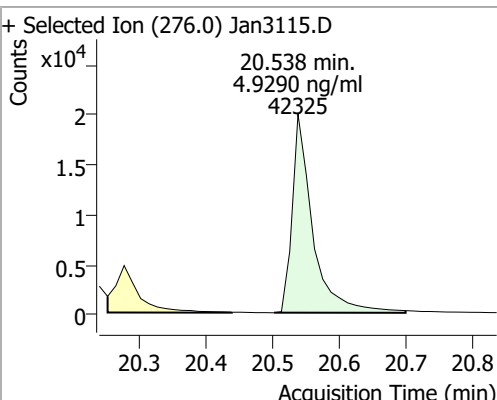
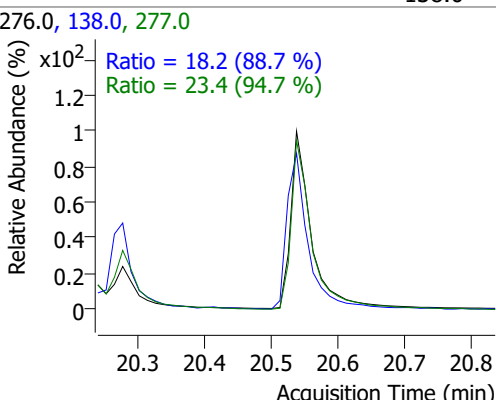
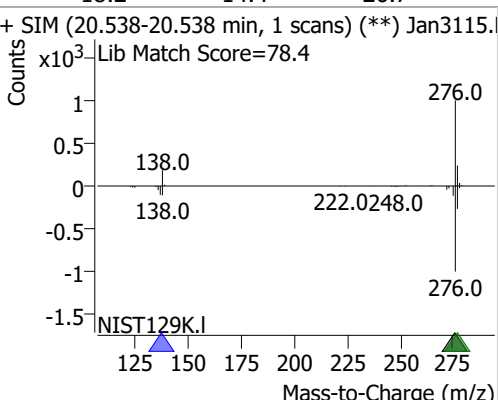


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	5.1492	14.76	0.00	56891	226.0 229.0	30.3 20.9	21.0 14.8	39.1 27.6
+ Selected Ion (228.0) Jan3115.D 			228.0, 226.0, 229.0 			+ SIM (14.764-14.764 min, 1 scans) (**) Jan3115. Lib Match Score=58.1 		
Benzo(b)fluoranthene	5.0513	17.71	0.00	41036	253.0	22.1	14.9	27.7
+ Selected Ion (252.0) Jan3115.D 			252.0, 253.0 			+ SIM (17.708-17.708 min, 1 scans) (**) Jan3115. Lib Match Score=70.6 		
Benzo(k)fluoranthene	4.8165	17.77	0.00	45491	253.0	22.9	13.2	24.6
+ Selected Ion (252.0) Jan3115.D 			252.0, 253.0 			+ SIM (17.770-17.770 min, 1 scans) (**) Jan3115. Lib Match Score=70.6 		
Benzo(a)pyrene	5.0563	18.35	0.00	34188	253.0	23.3	16.1	29.9
+ Selected Ion (252.0) Jan3115.D 			252.0, 253.0 			+ SIM (18.351-18.351 min, 1 scans) (**) Jan3115. Lib Match Score=71.1 		



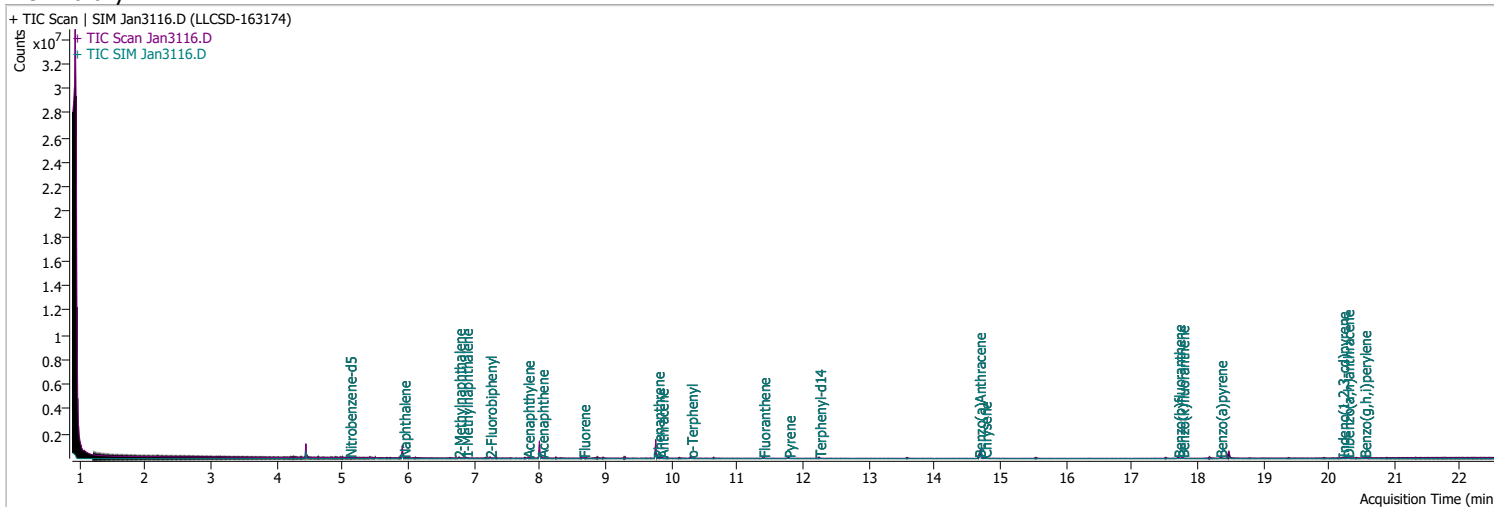
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	5.1793	20.20	-0.01	31407	138.0	17.8	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan3115.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 17.8 (79.7 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan3115.D</p> <p>Lib Match Score=78.2</p>  </div> </div>								
Dibenzo(a,h)anthracene	5.1994	20.28	0.00	35280	279.0	25.3	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan3115.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 25.3 (101.6 %)</p> <p>Ratio = 15.9 (90.8 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.278-20.278 min, 1 scans) (**) Jan3115.D</p> <p>Lib Match Score=76.8</p>  </div> </div>								
Benzo(g,h,i)perylene	4.9290	20.54	0.00	42325	277.0	23.4	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan3115.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 18.2 (88.7 %)</p> <p>Ratio = 23.4 (94.7 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan3115.D</p> <p>Lib Match Score=78.4</p>  </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan3116.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/31/2022 8:02:59 PM
Sample Name	LLCSD-163174	Instrument	GCMS
Vial	9	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

## Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.447	152.0	141698	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.916	136.0	241053	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.000	164.0	165258	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	368043	40.0000	ng/ml	0.000
M Chrysene-d12	14.701	240.0	288432	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	198099	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	12846	3.7742	ng/ml	-0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 75.48%		
S 2-Fluorobiphenyl	7.239	172.0	27051	4.1737	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 83.47%		
S o-Terphenyl	10.299	230.0	27202	4.9083	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 98.17%		
S Terphenyl-d14	12.251	244.0	24027	5.0405	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 100.81%		
<b>Target Compounds</b>						
T Naphthalene	5.928	128.0	21040	3.4055	ng/ml	94
T 2-Methylnaphthalene	6.765	141.0	13143	3.5150	ng/ml	86
T 1-Methylnaphthalene	6.877	141.0	13200	3.4822	ng/ml	94
T Acenaphthylene	7.814	152.0	30033	3.9741	ng/ml	98
T Acenaphthene	8.025	154.0	18688	4.0028	ng/ml	m 99
T Fluorene	8.661	166.0	27204	4.2653	ng/ml	99
T Phenanthrene	9.793	178.0	45108	4.7081	ng/ml	100
T Anthracene	9.854	178.0	43683	5.0796	ng/ml	100
T Fluoranthene	11.398	202.0	56184	4.9978	ng/ml	97
T Pyrene	11.781	202.0	58537	4.8015	ng/ml	96
T Benzo(a)Anthracene	14.677	228.0	44545	5.3930	ng/ml	98
T Chrysene	14.764	228.0	58237	5.2444	ng/ml	99
T Benzo(b)fluoranthene	17.708	252.0	41232	5.0879	ng/ml	98

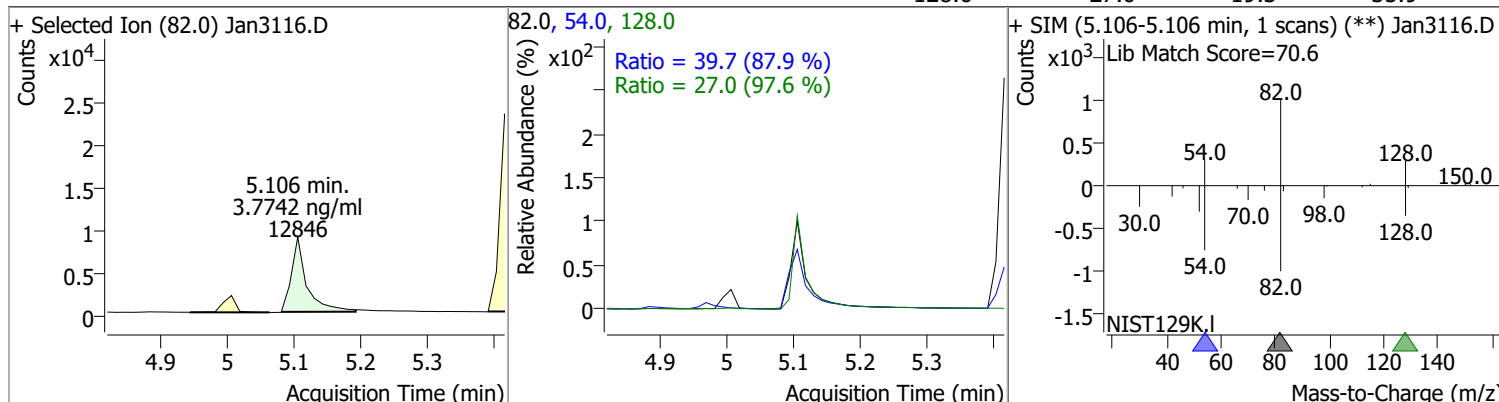
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	46796	4.9669	ng/ml	92
T Benzo(a)pyrene	18.351	252.0	34388	5.0982	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.204	276.0	29521	4.9119	ng/ml	94
T Dibenzo(a,h)anthracene	20.278	278.0	36767	5.4248	ng/ml	97
T Benzo(g,h,i)perylene	20.538	276.0	42570	4.9717	ng/ml    m	98

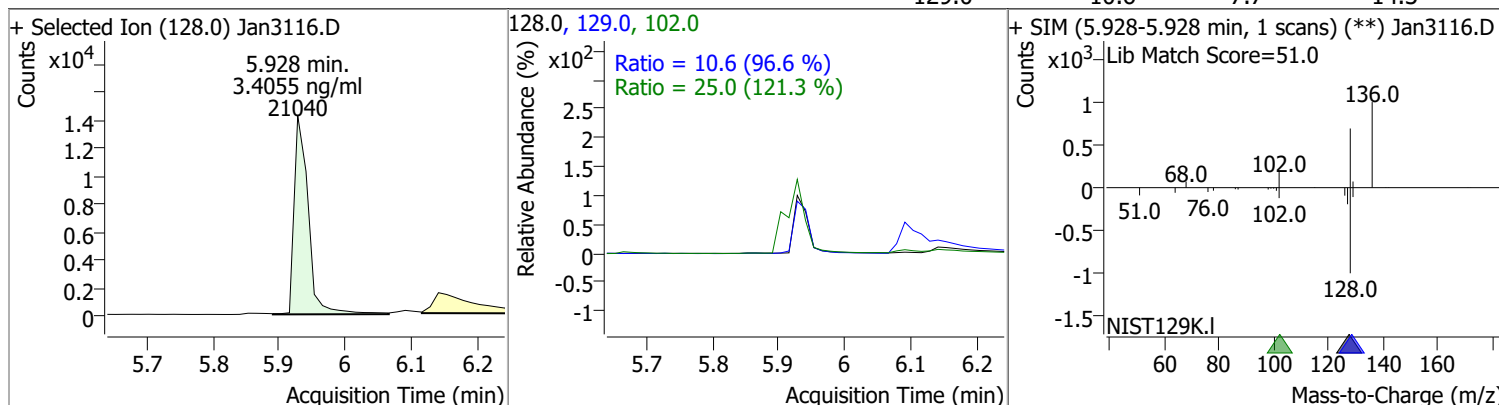
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

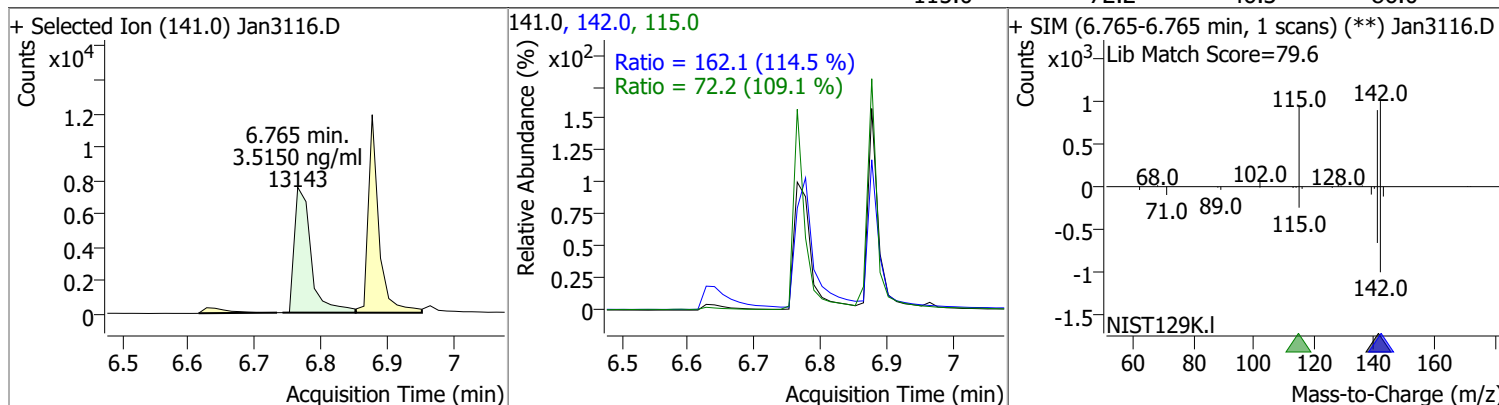
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	3.7742	5.11	-0.01	12846	54.0	39.7	31.6	58.8
					128.0	27.0	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.4055	5.93	-0.01	21040	102.0	25.0	0.0	61.8
					129.0	10.6	7.7	14.3

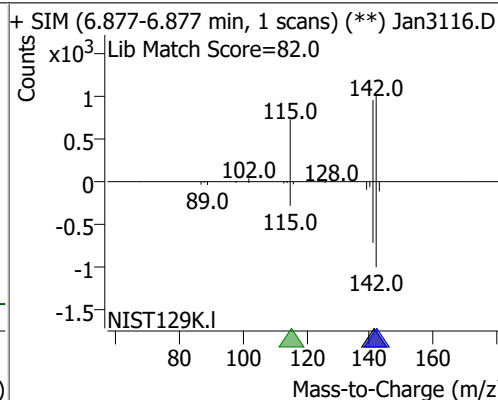
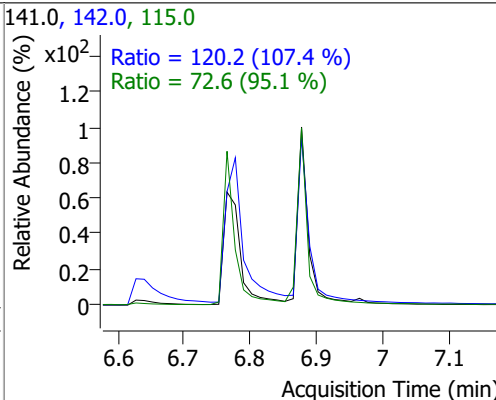
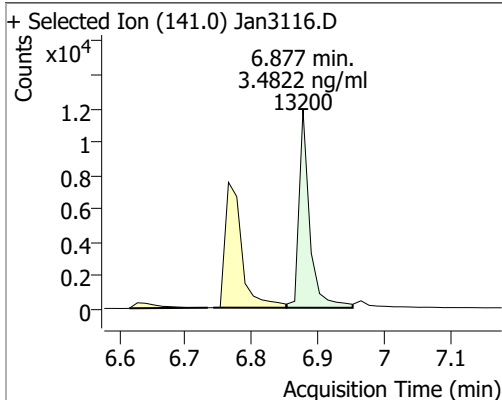


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.5150	6.76	-0.01	13143	142.0	162.1	99.1	184.0
					115.0	72.2	46.3	86.0

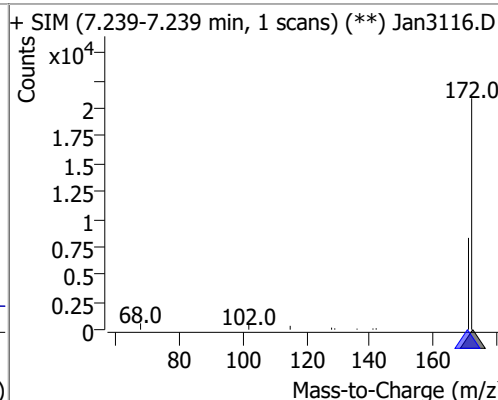
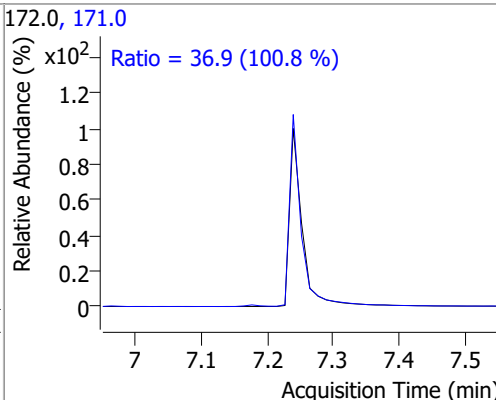
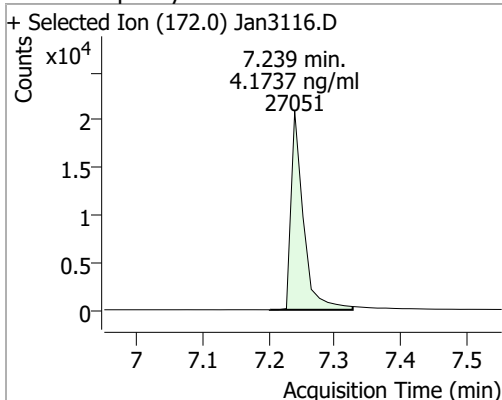


# Quantitation Results Report (QT Reviewed)

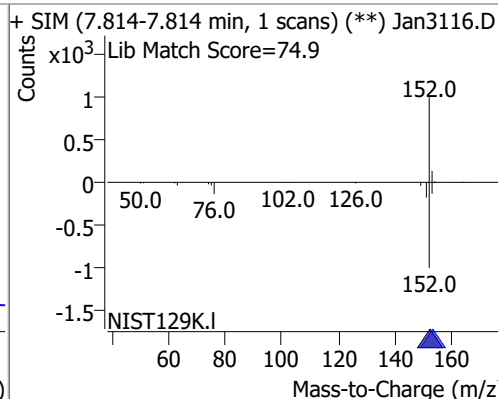
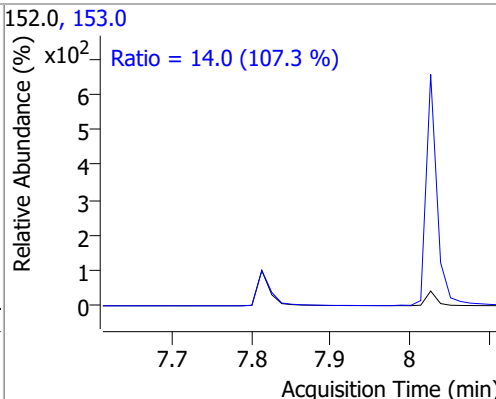
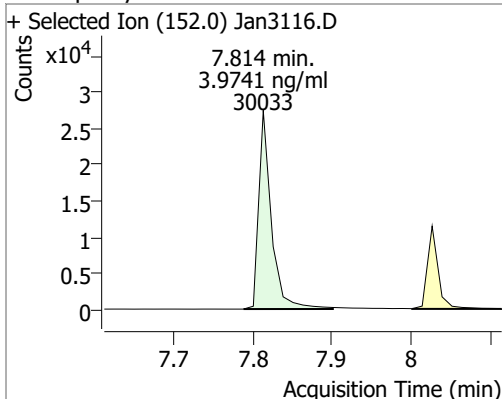
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	3.4822	6.88	0.00	13200	142.0	120.2	78.3	145.5
					115.0	72.6	53.4	99.2



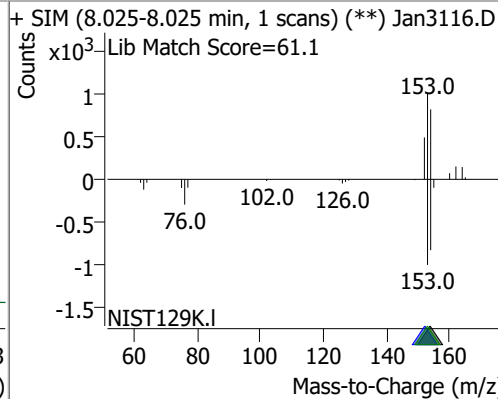
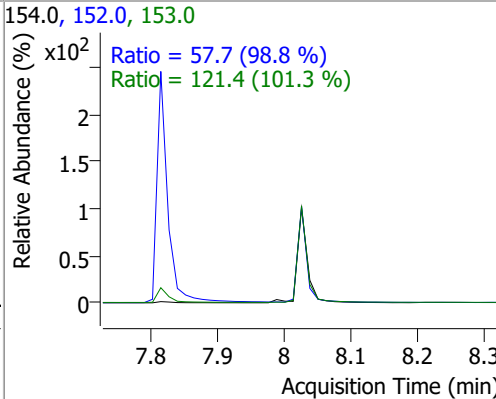
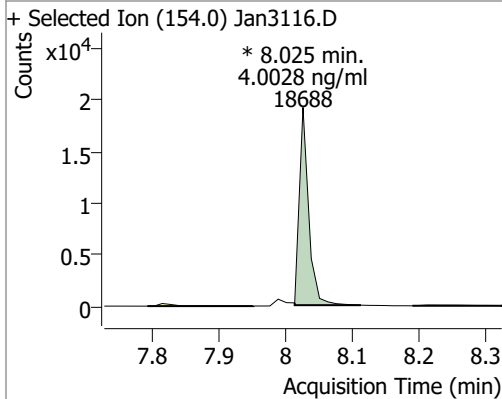
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	4.1737	7.24	-0.01	27051	171.0	36.9	25.6	47.6



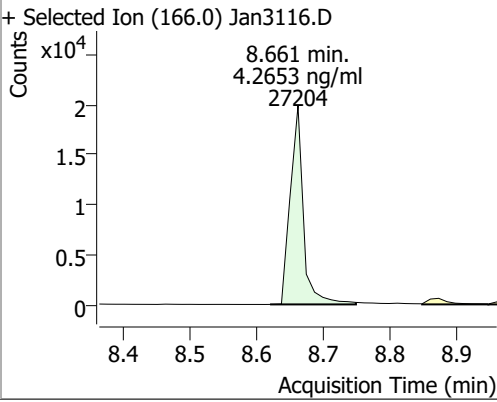
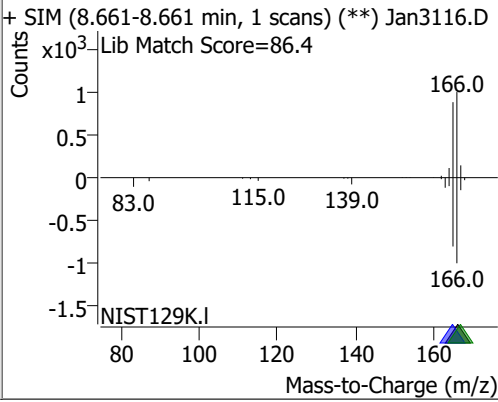
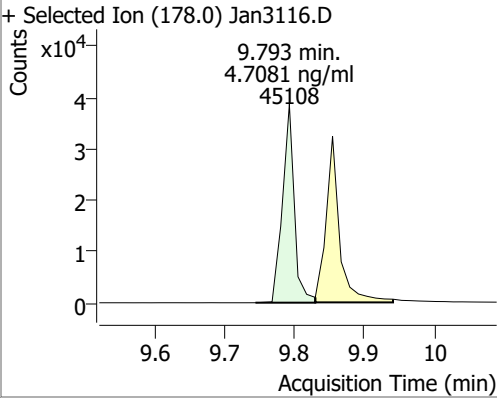
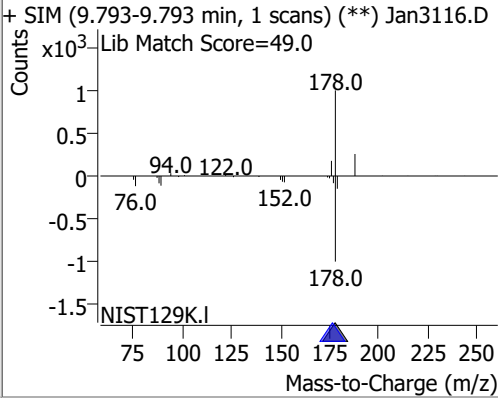
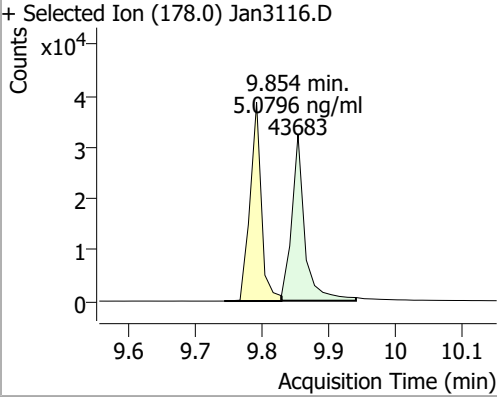
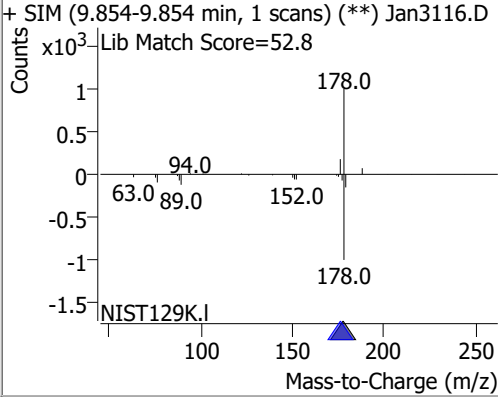
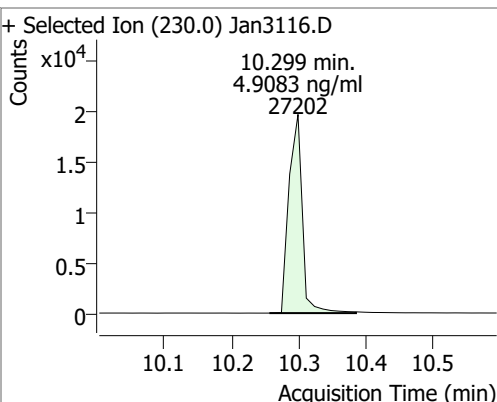
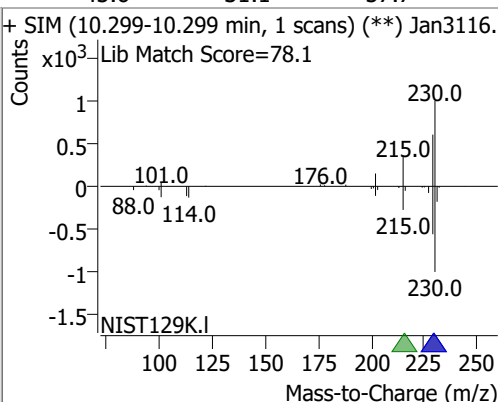
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	3.9741	7.81	0.00	30033	153.0	14.0	9.1	17.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	4.0028	8.03	0.00	18688 (m)	153.0	121.4	83.9	155.8
					152.0	57.7	40.9	76.0

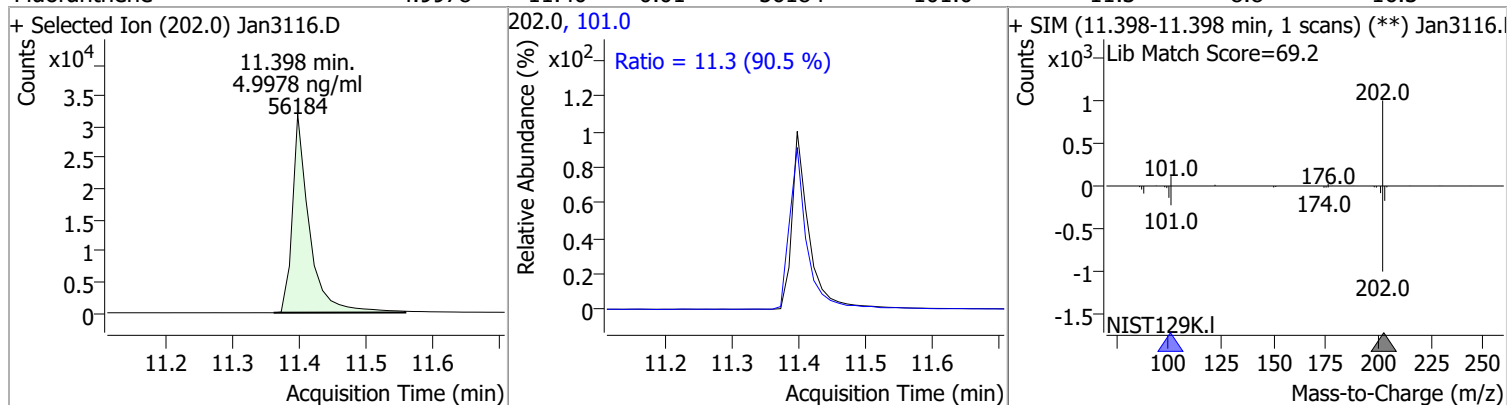


# Quantitation Results Report (QT Reviewed)

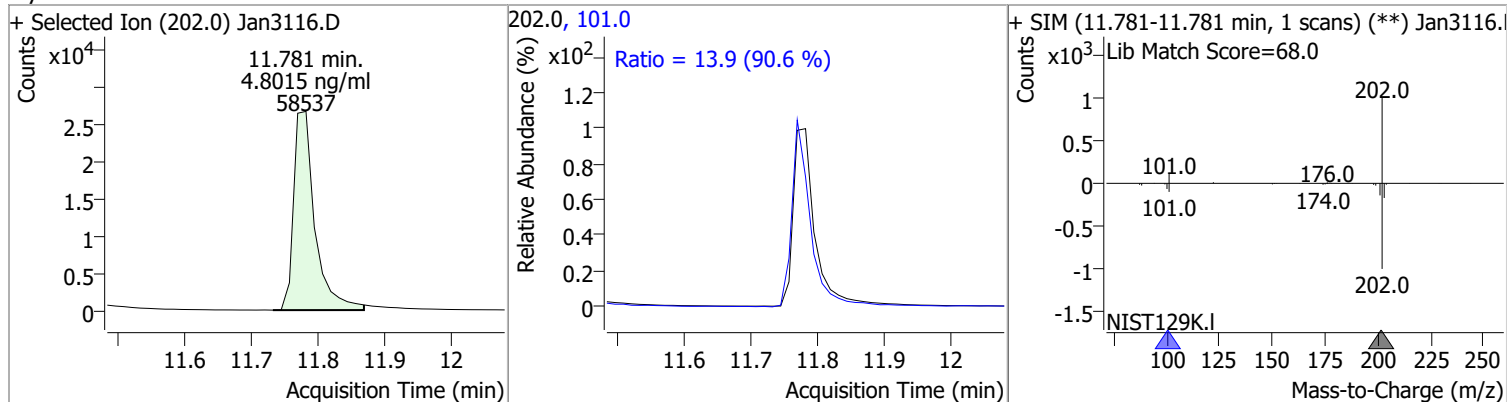
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	4.2653	8.66	0.00	27204	165.0 167.0	97.2 13.4	67.0 9.2	124.5 17.1
+ Selected Ion (166.0) Jan3116.D 			166.0, 165.0, 167.0 Ratio = 97.2 (101.6 %) Ratio = 13.4 (102.2 %)			+ SIM (8.661-8.661 min, 1 scans) (**) Jan3116.D Lib Match Score=86.4 		
Phenanthrene	4.7081	9.79	0.00	45108	176.0	18.8	13.2	24.6
+ Selected Ion (178.0) Jan3116.D 			178.0, 176.0 Ratio = 18.8 (99.3 %)			+ SIM (9.793-9.793 min, 1 scans) (**) Jan3116.D Lib Match Score=49.0 		
Anthracene	5.0796	9.85	0.00	43683	176.0	18.4	12.8	23.8
+ Selected Ion (178.0) Jan3116.D 			178.0, 176.0 Ratio = 18.4 (100.7 %)			+ SIM (9.854-9.854 min, 1 scans) (**) Jan3116.D Lib Match Score=52.8 		
o-Terphenyl	4.9083	10.30	0.00	27202	229.0 215.0	68.9 45.6	47.1 31.1	87.5 57.7
+ Selected Ion (230.0) Jan3116.D 			230.0, 229.0, 215.0 Ratio = 68.9 (102.3 %) Ratio = 45.6 (102.6 %)			+ SIM (10.299-10.299 min, 1 scans) (**) Jan3116.D Lib Match Score=78.1 		

# Quantitation Results Report (QT Reviewed)

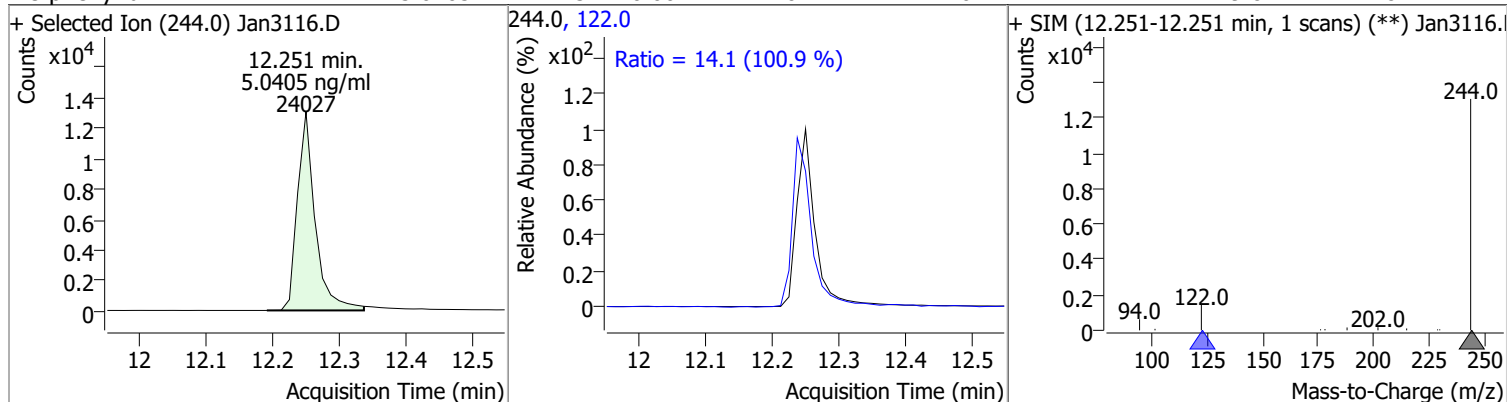
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.9978	11.40	-0.01	56184	101.0	11.3	8.8	16.3



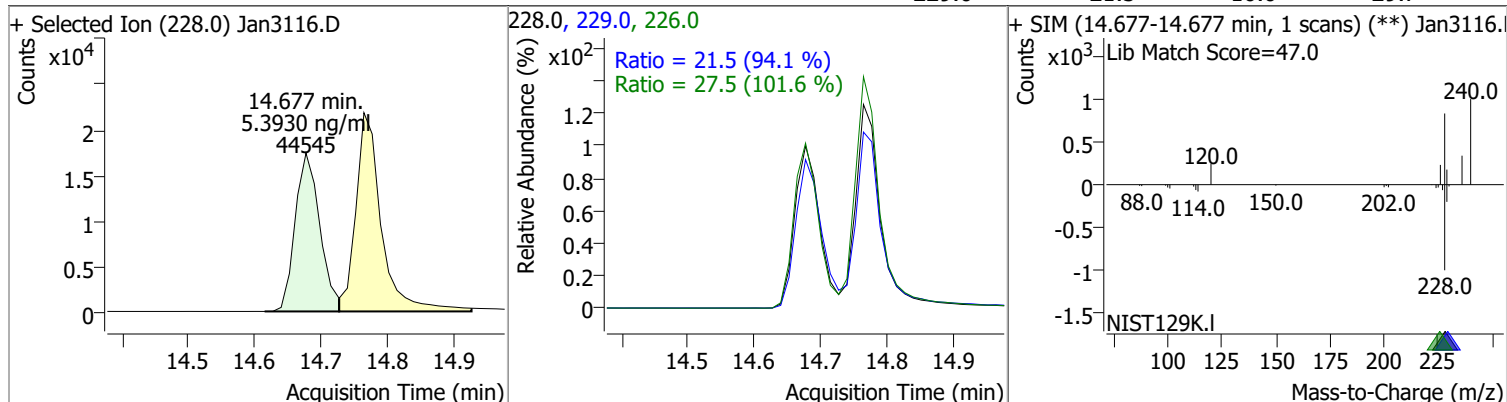
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.8015	11.78	0.00	58537	101.0	13.9	10.8	20.0



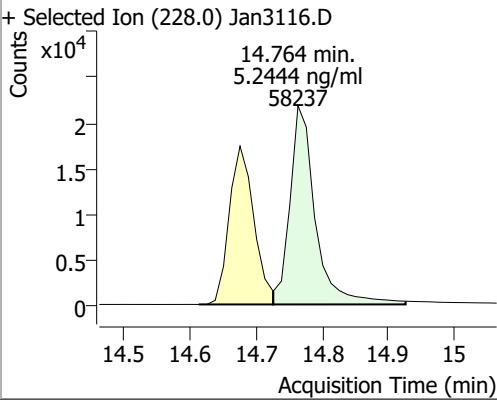
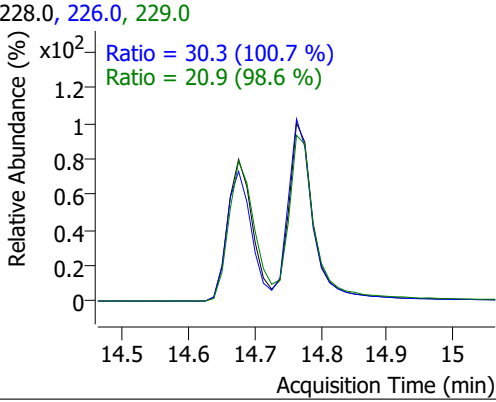
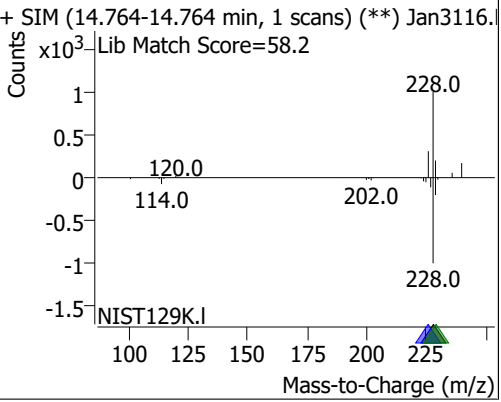
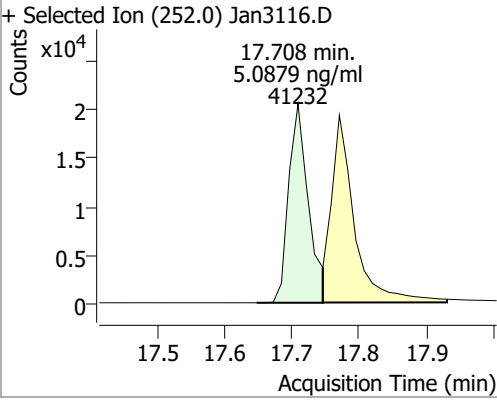
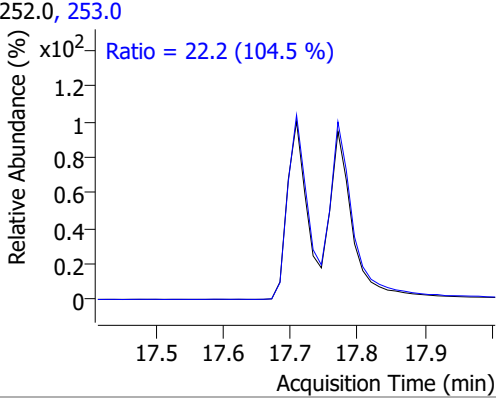
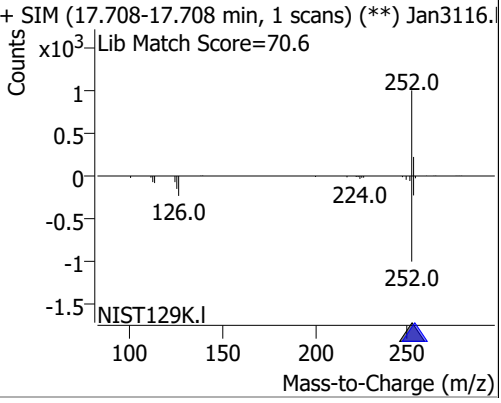
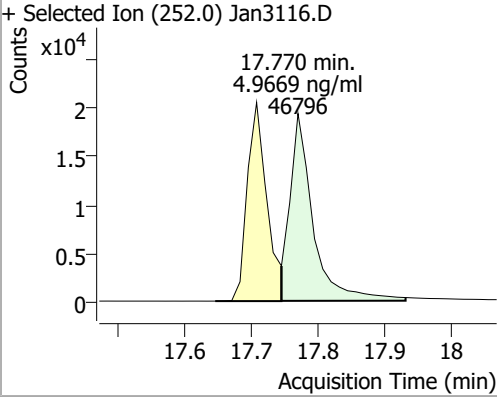
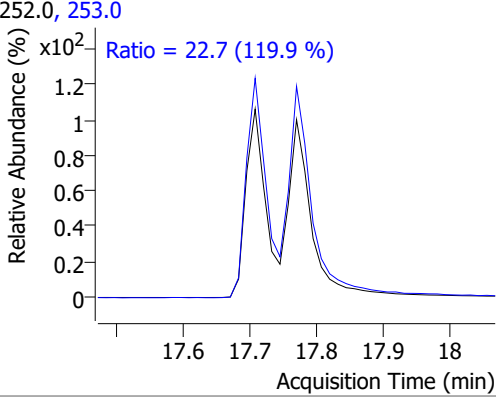
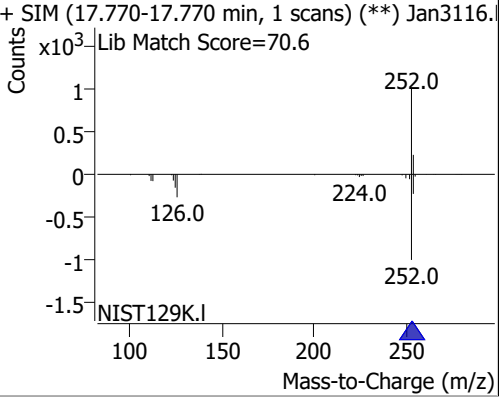
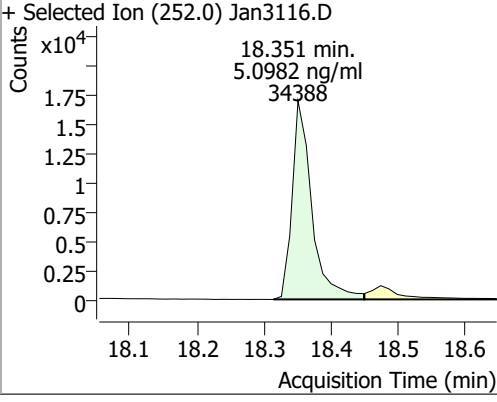
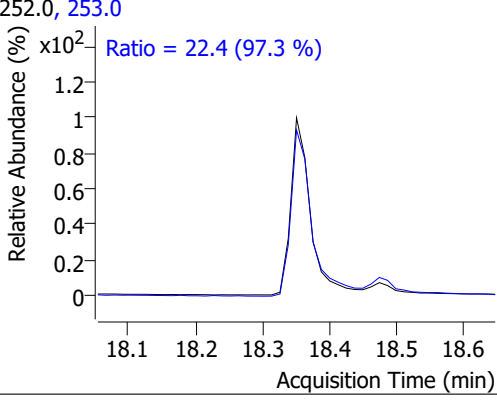
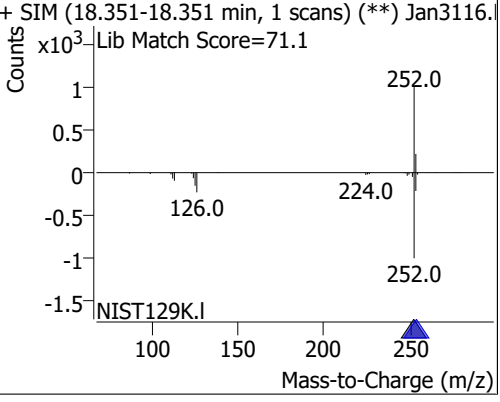
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	5.0405	12.25	0.00	24027	122.0	14.1	9.8	18.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	5.3930	14.68	0.00	44545	226.0	27.5	19.0	35.2
					229.0	21.5	16.0	29.7

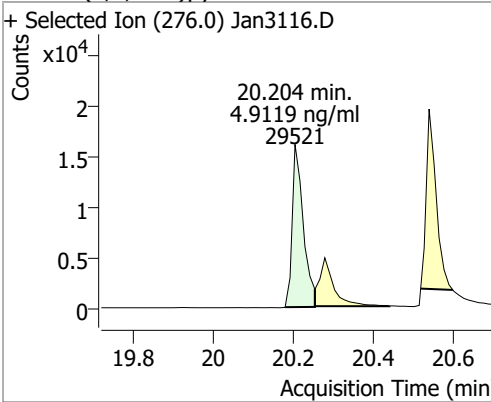
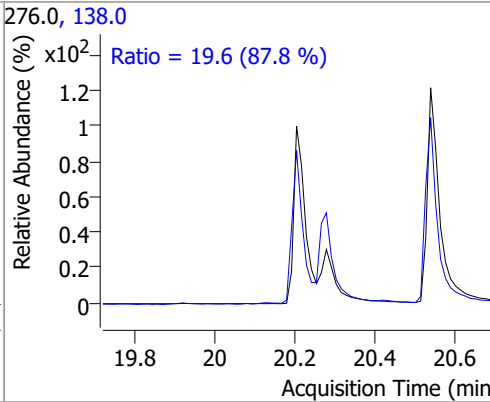
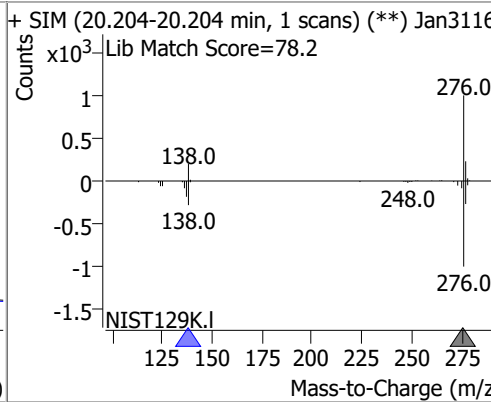
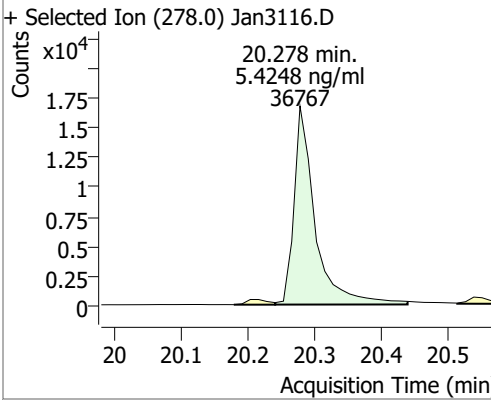
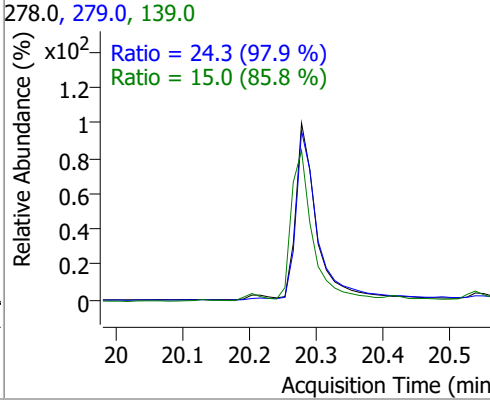
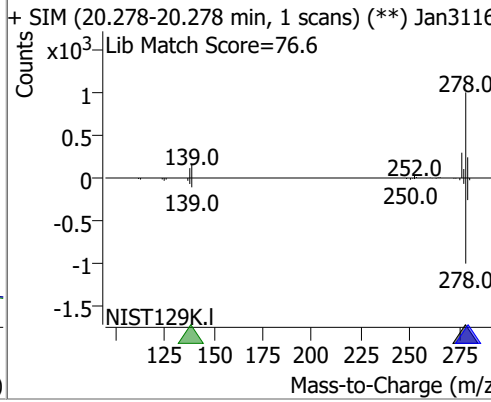
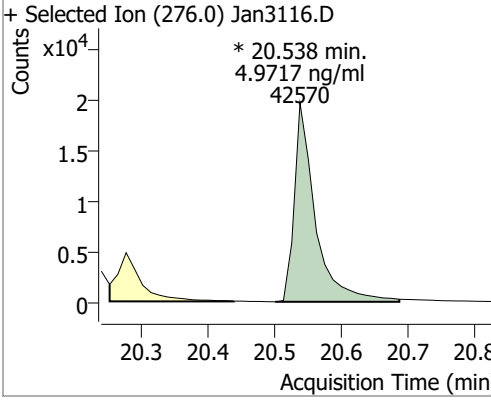
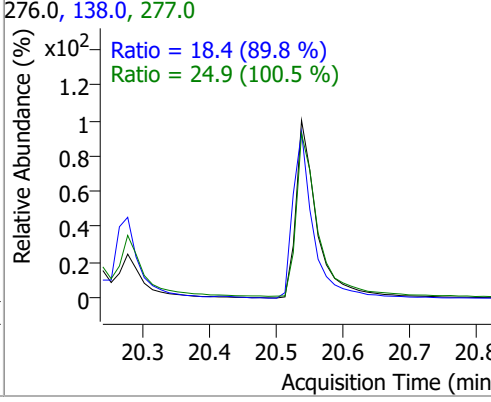
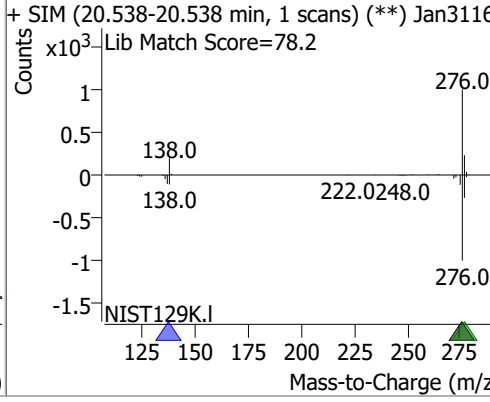


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	5.2444	14.76	0.00	58237	226.0 229.0	30.3 20.9	21.0 14.8	39.1 27.6
+ Selected Ion (228.0) Jan3116.D 			228.0, 226.0, 229.0 			+ SIM (14.764-14.764 min, 1 scans) (**) Jan3116. Lib Match Score=58.2 		
Benzo(b)fluoranthene	5.0879	17.71	0.00	41232	253.0	22.2	14.9	27.7
+ Selected Ion (252.0) Jan3116.D 			252.0, 253.0 			+ SIM (17.708-17.708 min, 1 scans) (**) Jan3116. Lib Match Score=70.6 		
Benzo(k)fluoranthene	4.9669	17.77	0.00	46796	253.0	22.7	13.2	24.6
+ Selected Ion (252.0) Jan3116.D 			252.0, 253.0 			+ SIM (17.770-17.770 min, 1 scans) (**) Jan3116. Lib Match Score=70.6 		
Benzo(a)pyrene	5.0982	18.35	0.00	34388	253.0	22.4	16.1	29.9
+ Selected Ion (252.0) Jan3116.D 			252.0, 253.0 			+ SIM (18.351-18.351 min, 1 scans) (**) Jan3116. Lib Match Score=71.1 		



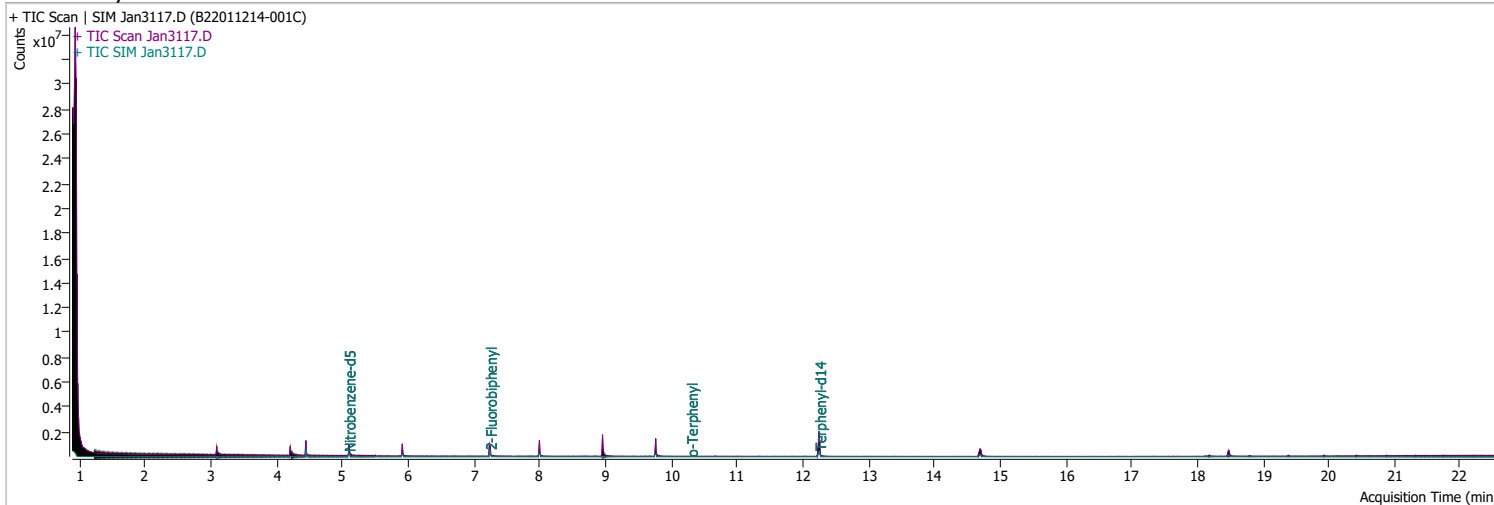
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	4.9119	20.20	-0.01	29521	138.0	19.6	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan3116.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 19.6 (87.8 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan3116.D</p> <p>Lib Match Score=78.2</p>  </div> </div>								
Dibenzo(a,h)anthracene	5.4248	20.28	0.00	36767	279.0	24.3	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan3116.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 24.3 (97.9 %)</p> <p>Ratio = 15.0 (85.8 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.278-20.278 min, 1 scans) (**) Jan3116.D</p> <p>Lib Match Score=76.6</p>  </div> </div>								
Benzo(g,h,i)perylene	4.9717	20.54	0.00	42570 (m)	277.0	24.9	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan3116.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 18.4 (89.8 %)</p> <p>Ratio = 24.9 (100.5 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan3116.D</p> <p>Lib Match Score=78.2</p>  </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan3117.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/31/2022 8:35:40 PM
Sample Name	B22011214-001C	Instrument	GCMS
Vial	10	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.447	152.0	142083	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.916	136.0	242425	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	158501	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	351150	40.0000	ng/ml	0.000
M Chrysene-d12	14.702	240.0	278787	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	188809	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.094	82.0	340664	41.2054	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 824.11%		*
S 2-Fluorobiphenyl	7.240	172.0	427726	59.4727	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1189.45%		*
S o-Terphenyl	10.299	230.0	977	0.1431	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 2.86%		*
S Terphenyl-d14	12.251	244.0	538486	77.6763	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1553.53%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.025	154.0	0		ng/ml	md 1
T Fluorene	8.960	166.0	0		ng/ml	md 1
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.702	228.0	0		ng/ml	md 1
T Chrysene	14.764	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	0.000		0	N.D.		

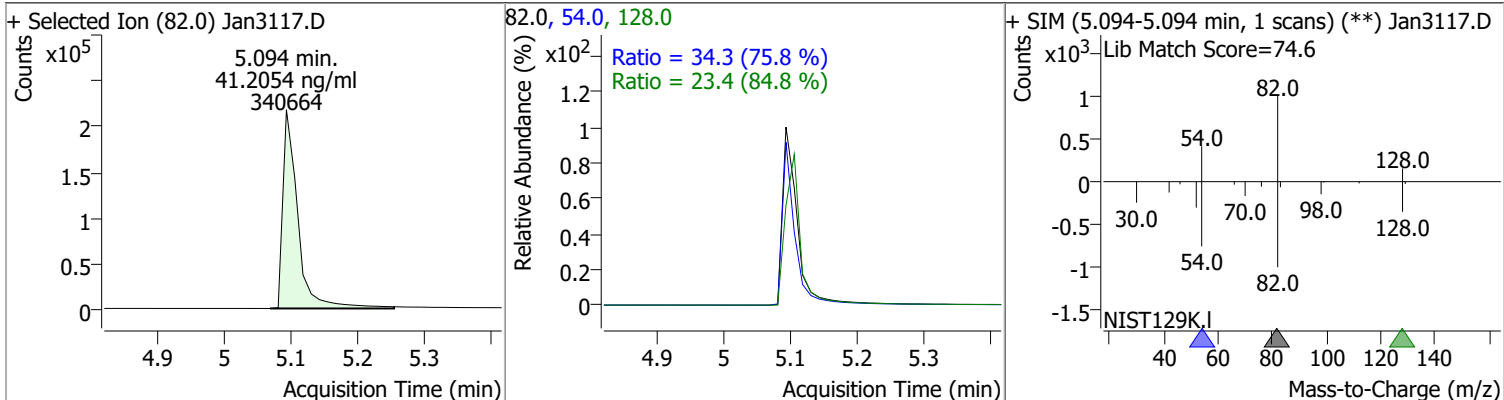
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.363	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

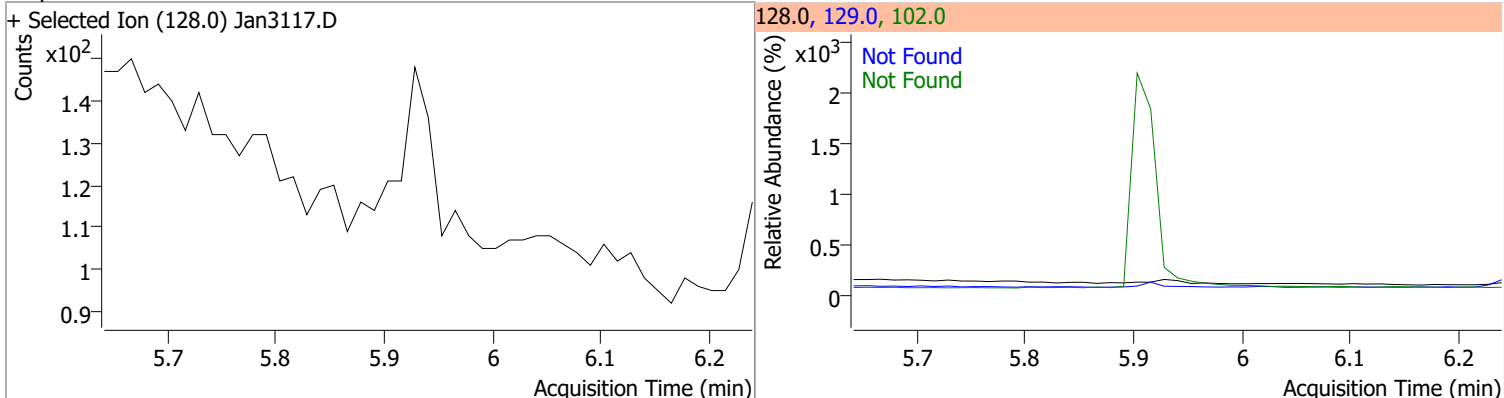
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

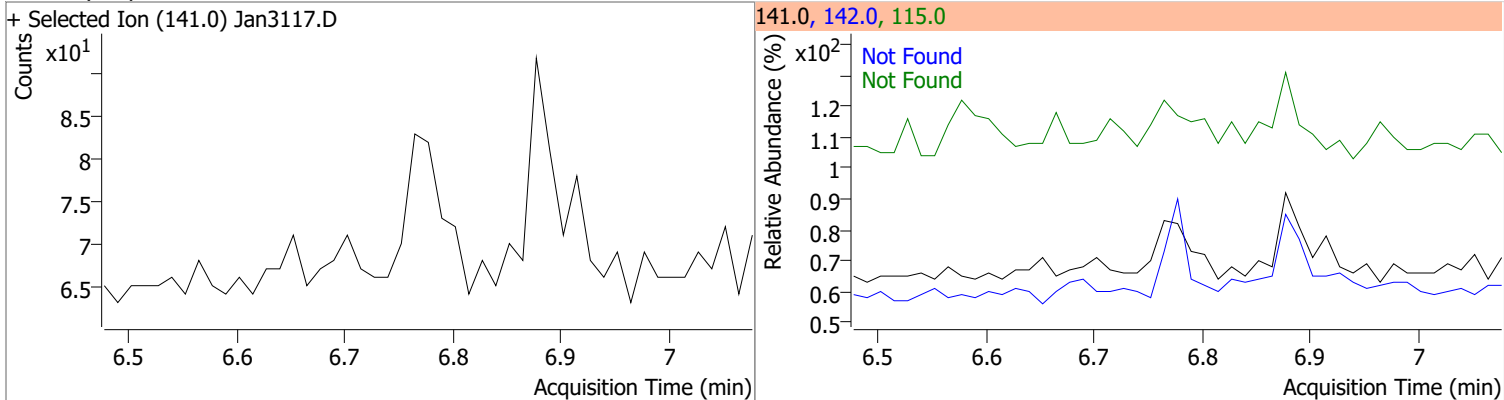
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	41.2054	5.09	-0.02	340664	54.0	34.3	31.6	58.8
					128.0	23.4	19.3	35.9



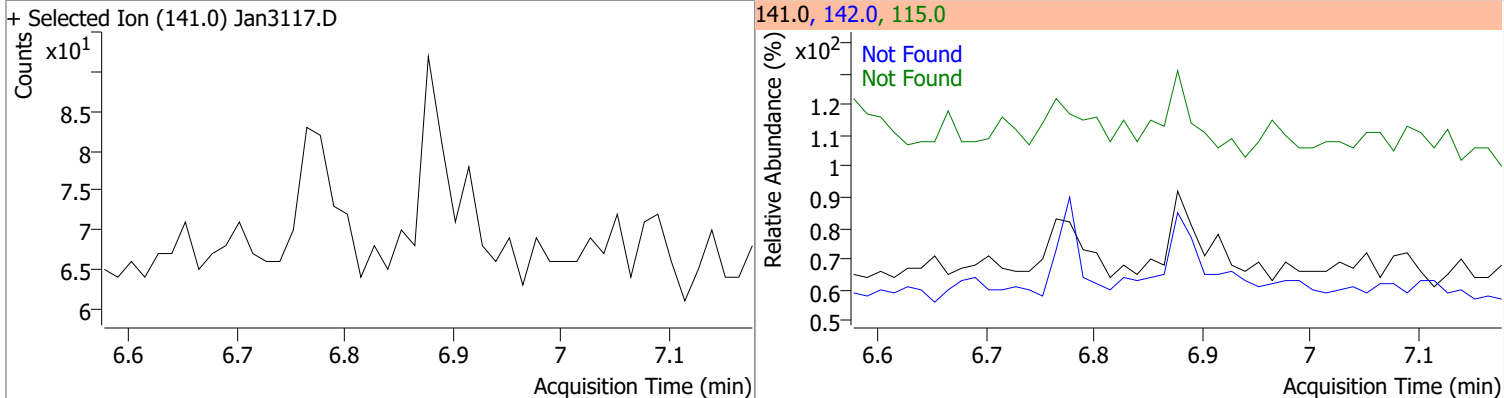
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



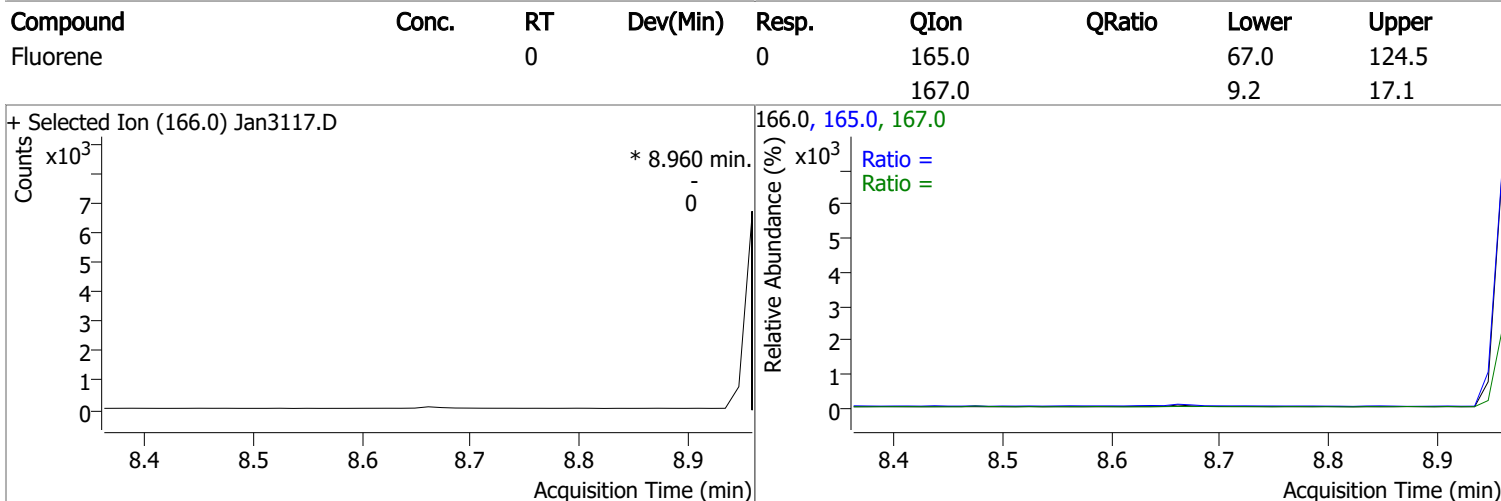
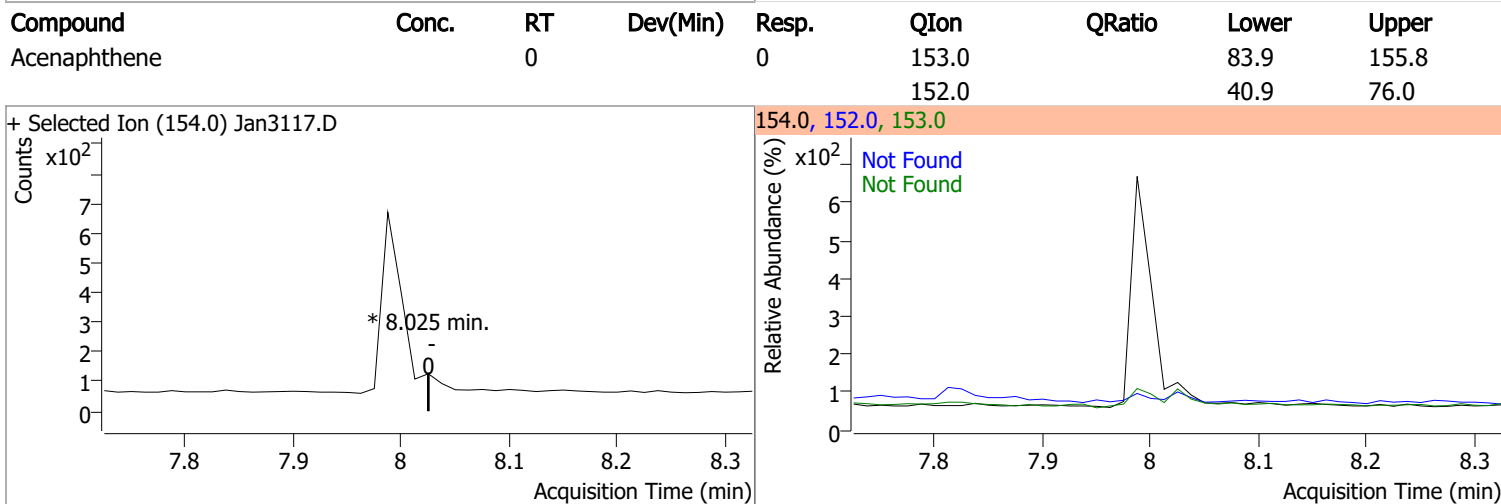
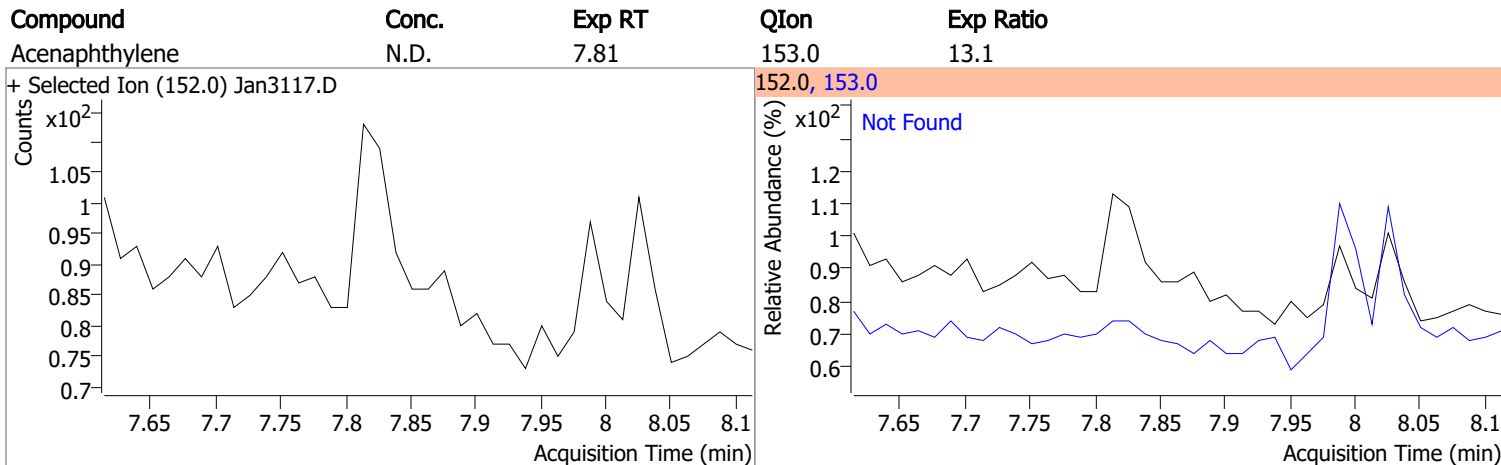
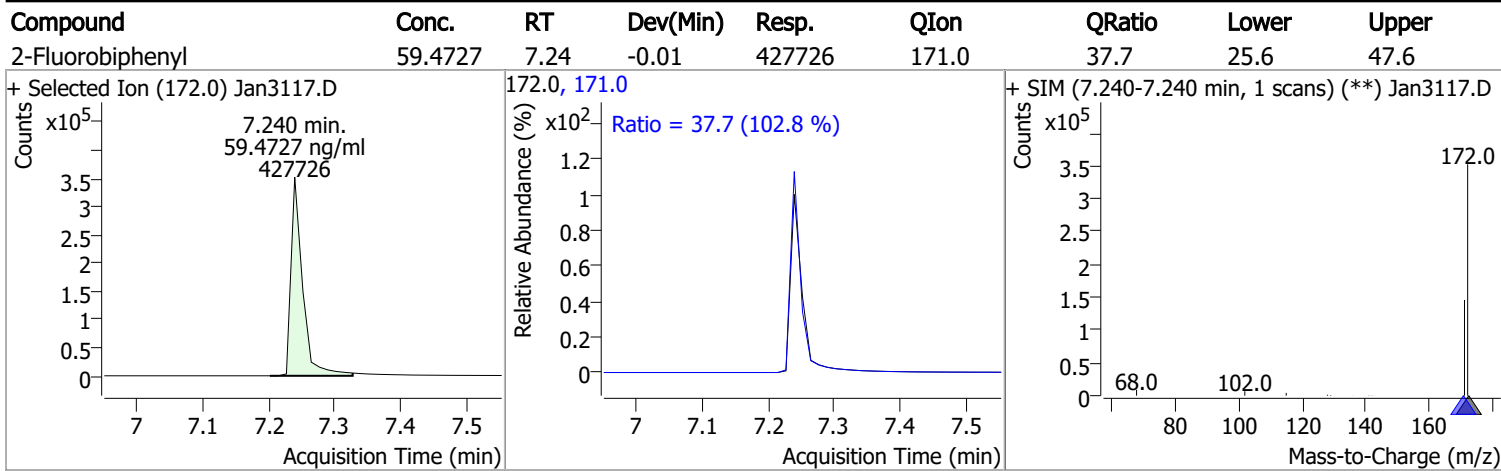
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3

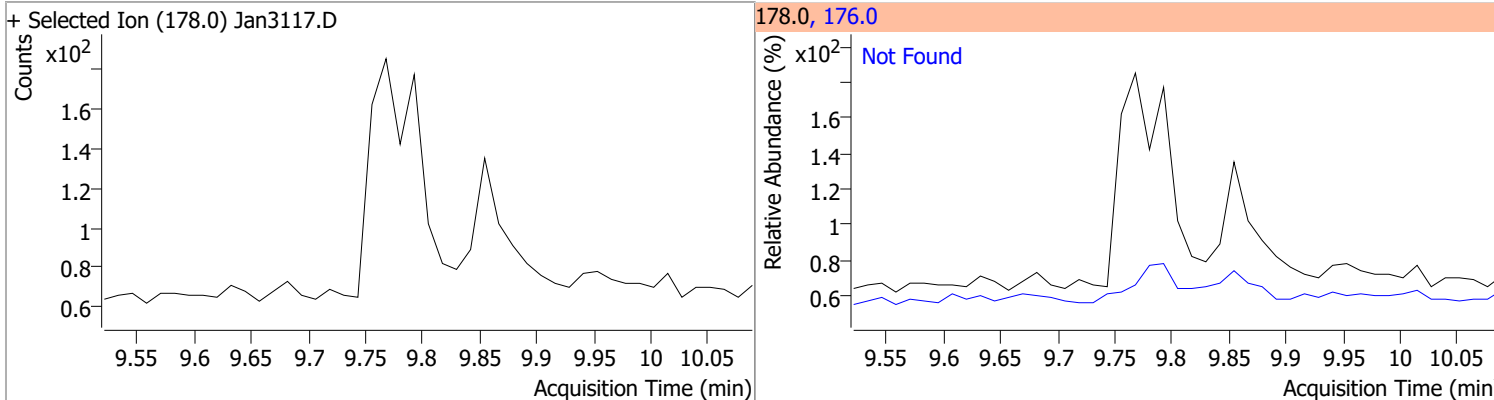


# Quantitation Results Report (QT Reviewed)

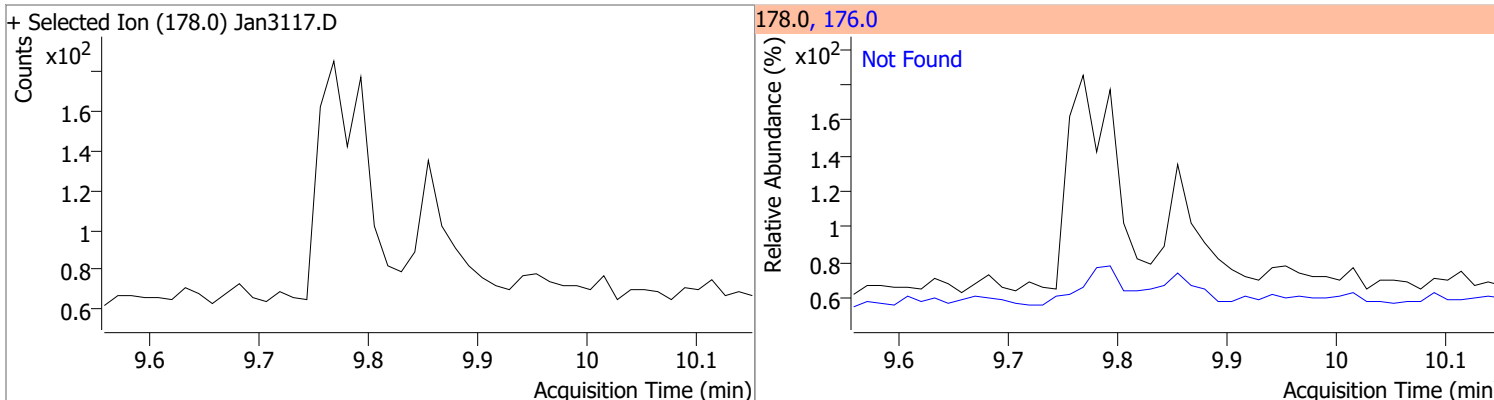


# Quantitation Results Report (QT Reviewed)

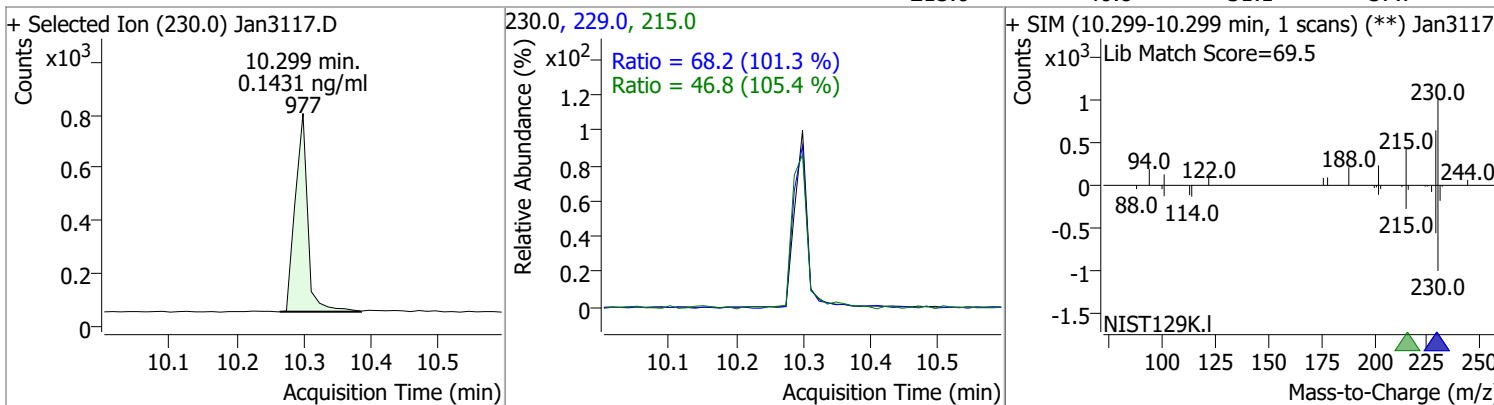
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.79	176.0	18.9



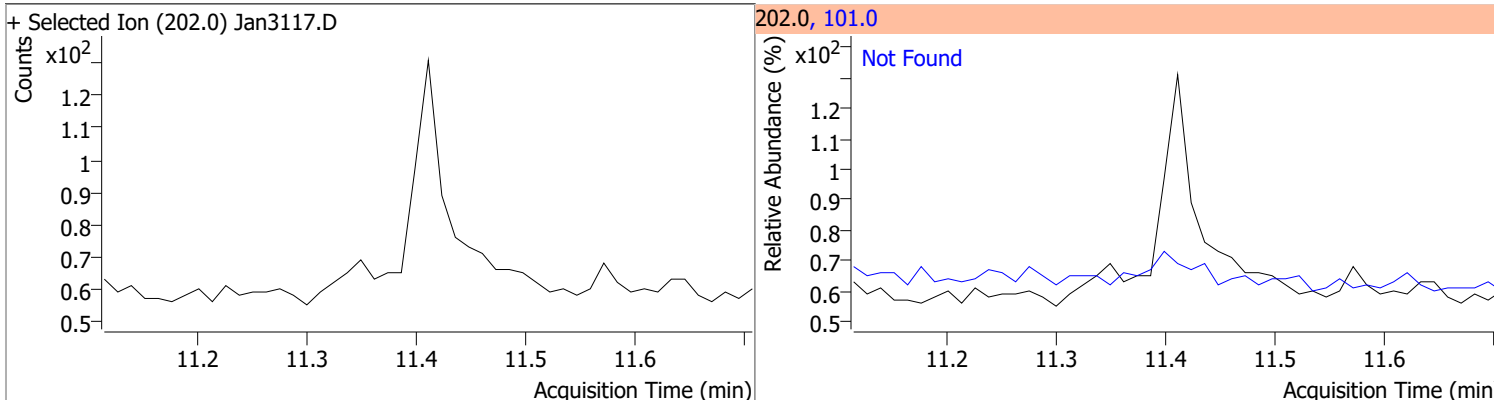
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.85	176.0	18.3



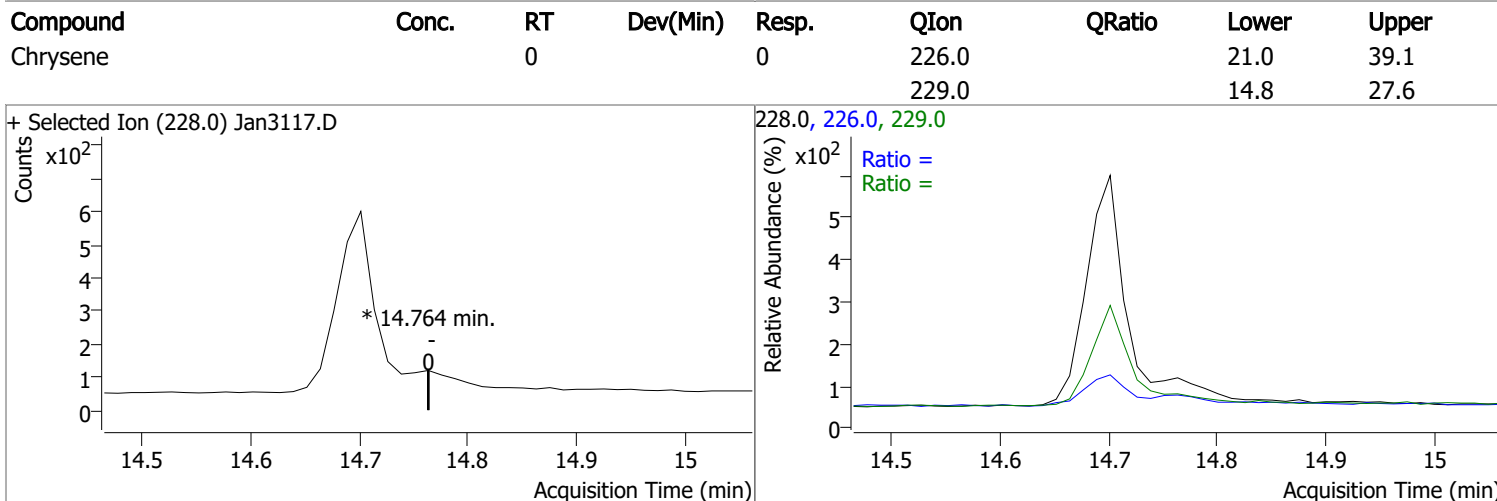
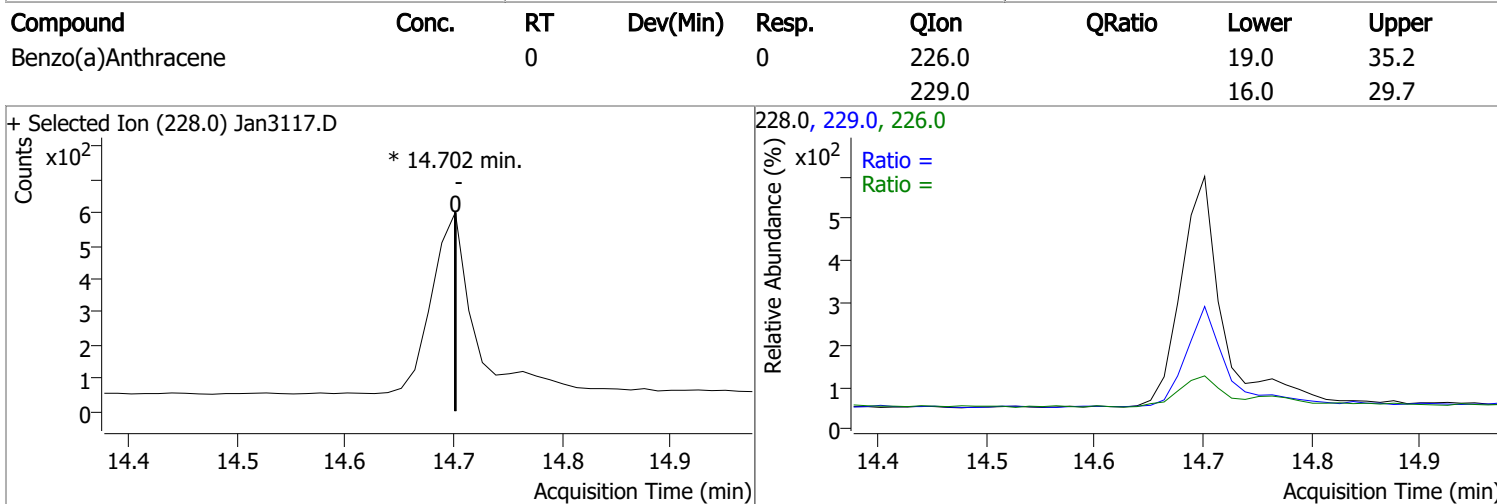
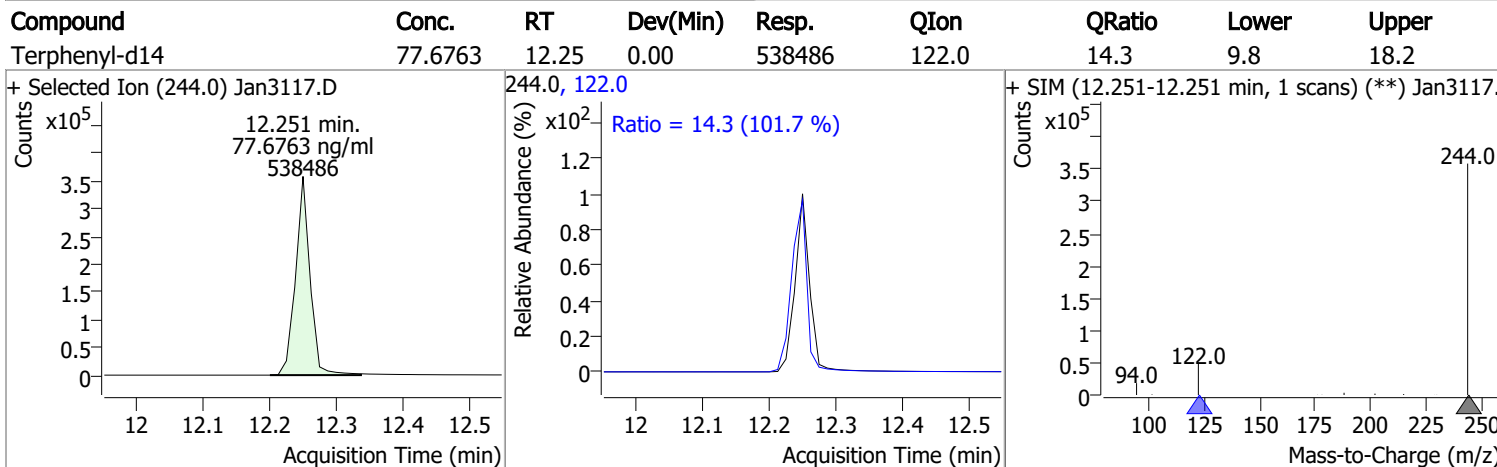
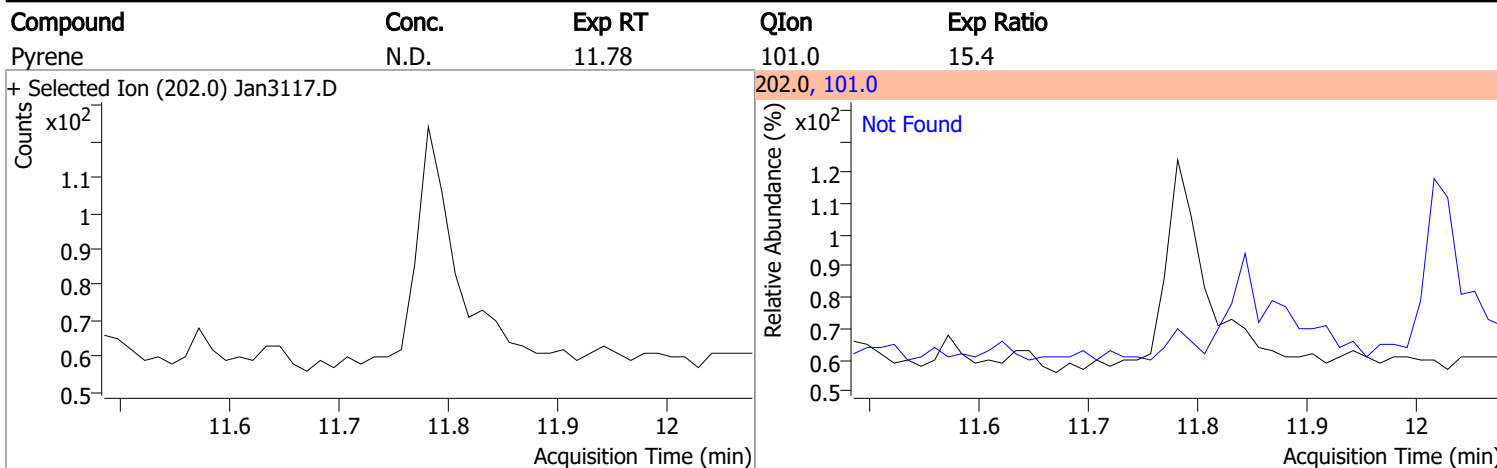
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.1431	10.30	0.00	977	229.0	68.2	47.1	87.5
					215.0	46.8	31.1	57.7



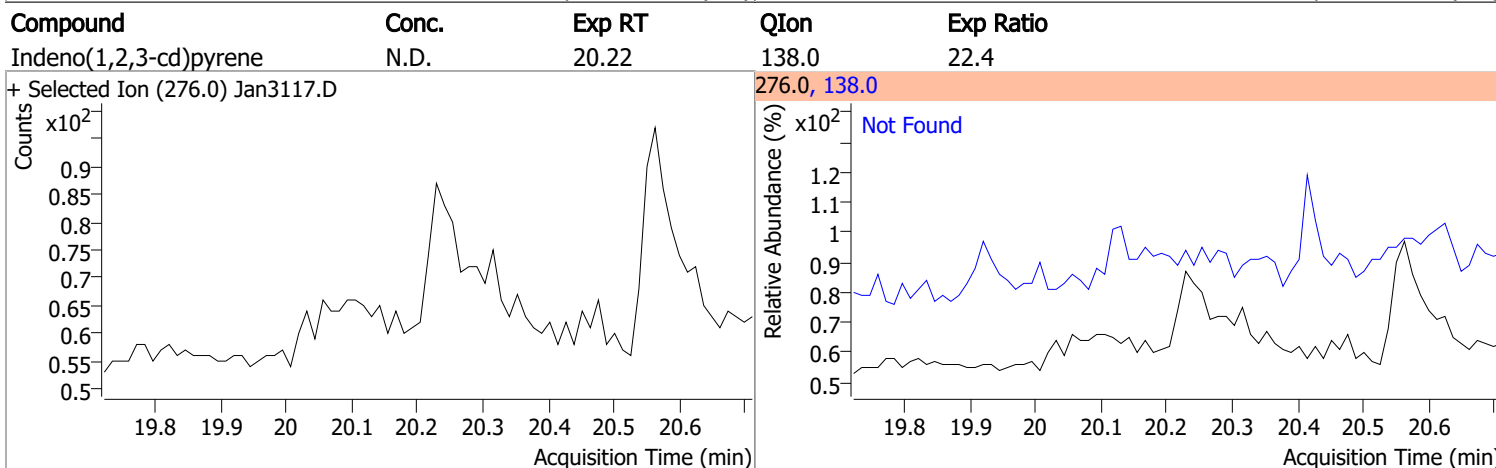
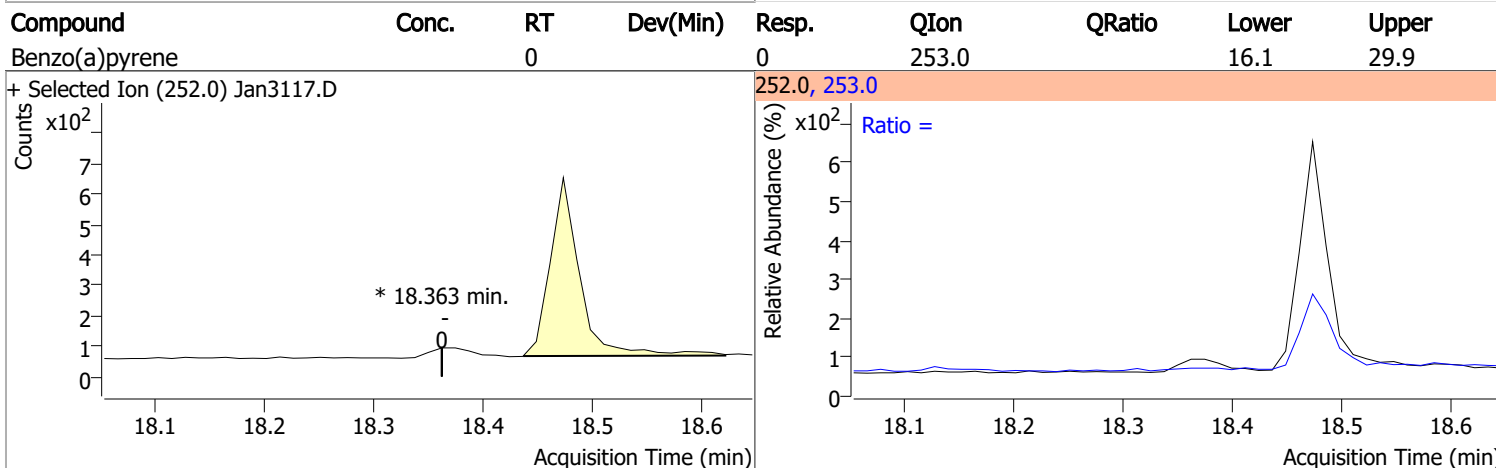
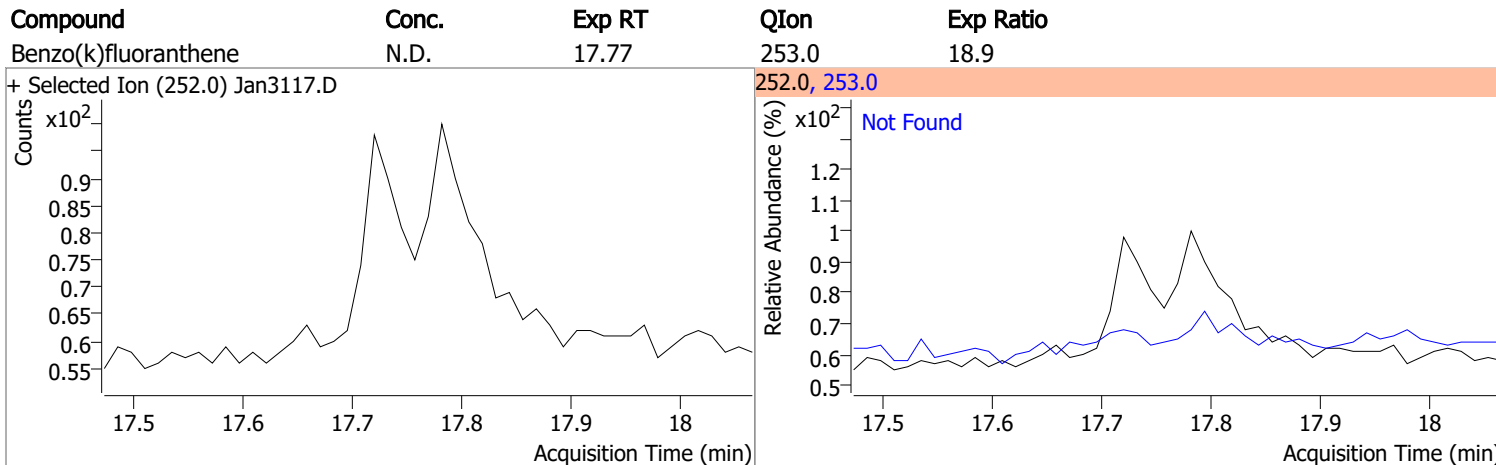
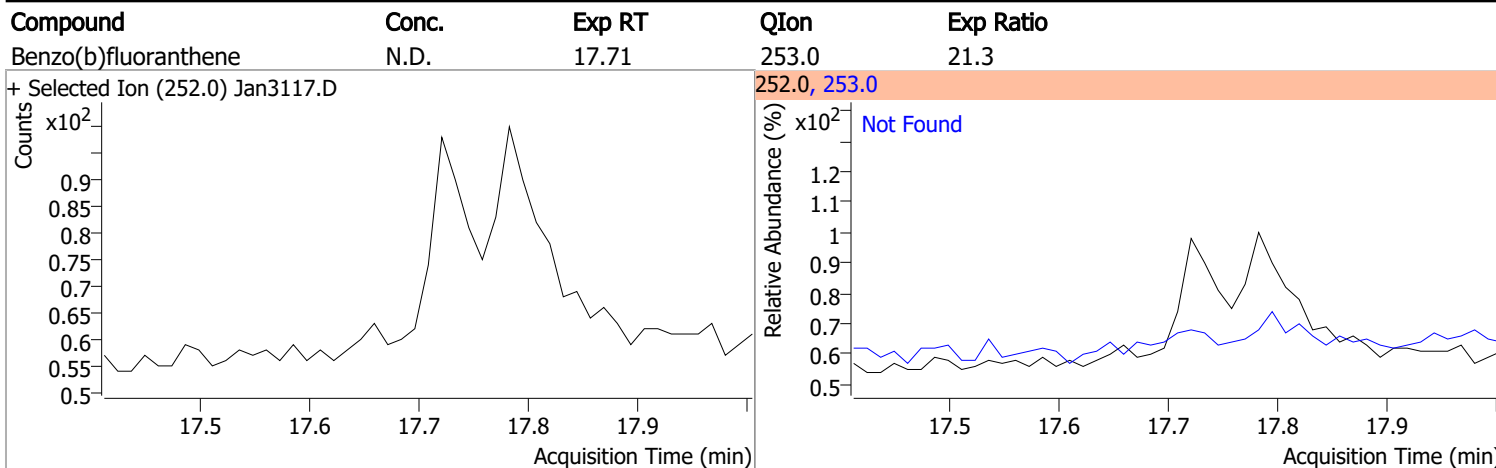
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	12.5



# Quantitation Results Report (QT Reviewed)



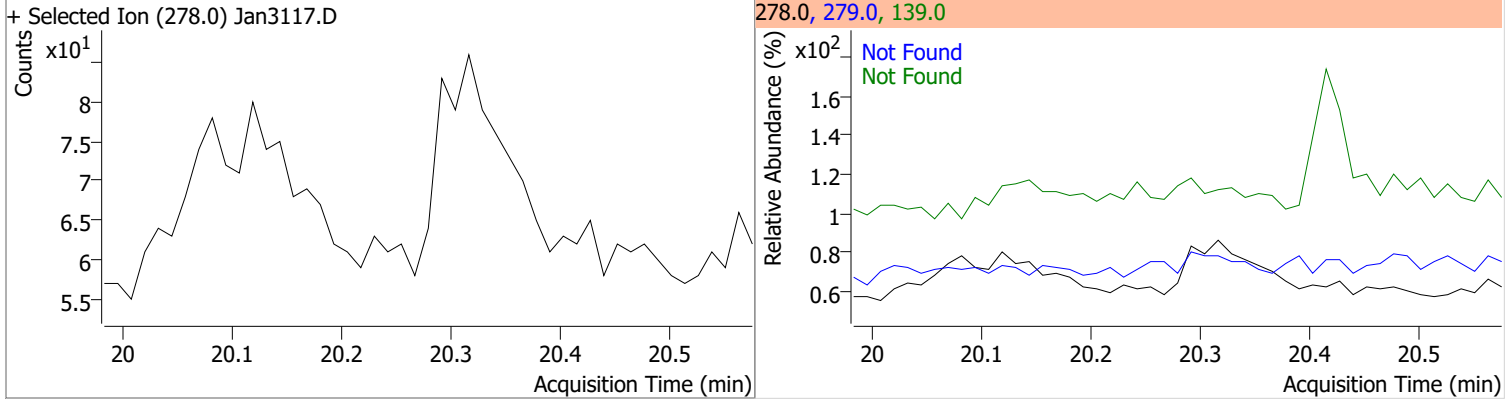
# Quantitation Results Report (QT Reviewed)



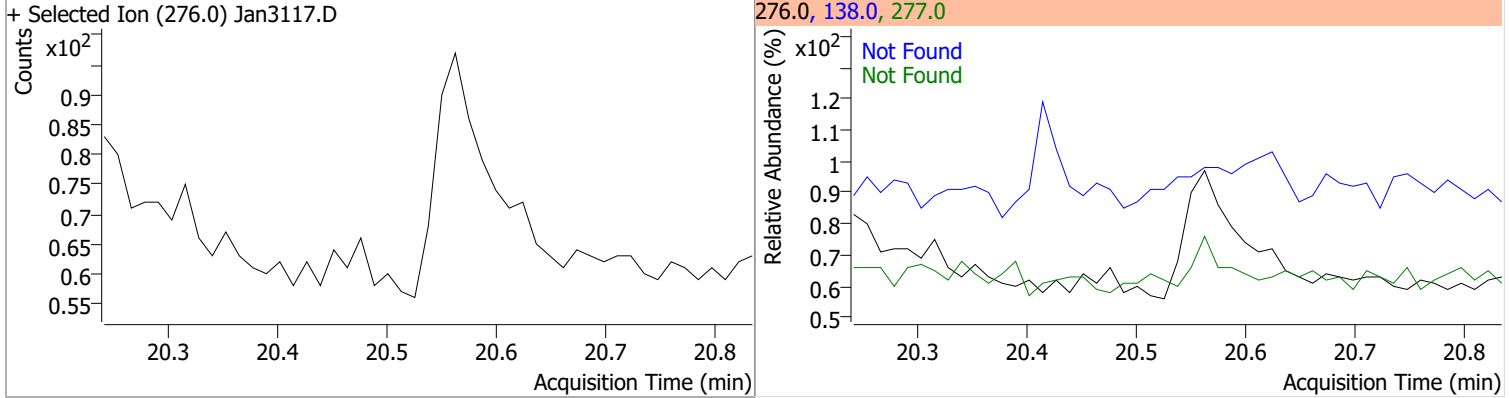


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.28	279.0	24.9	139.0	17.5



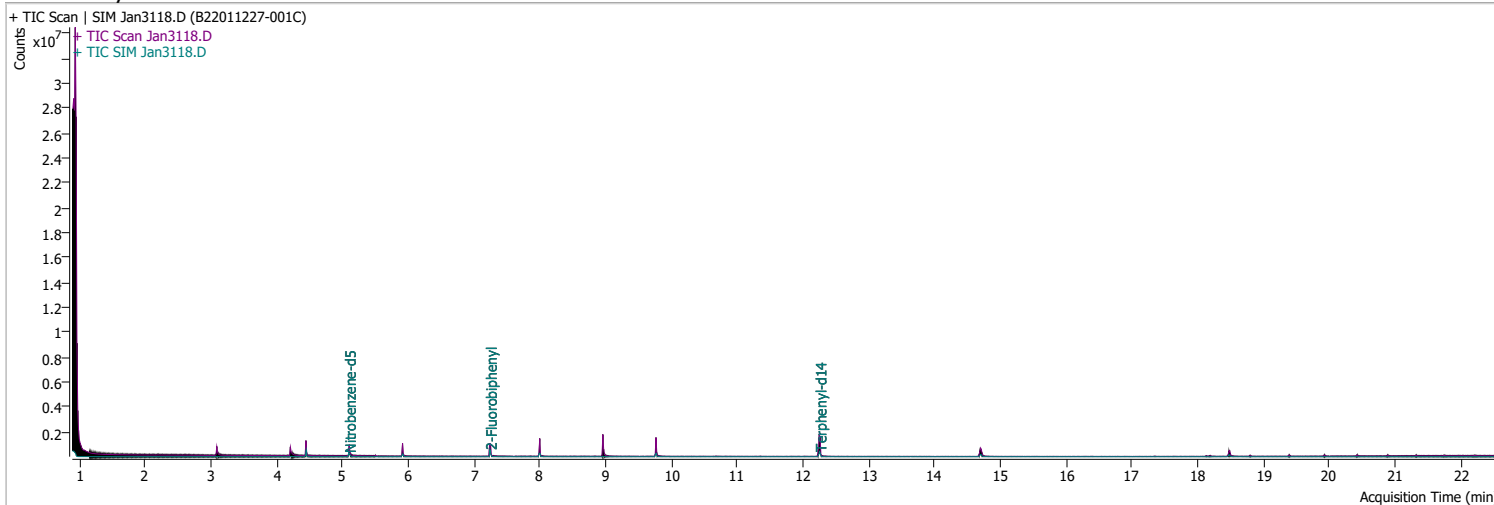
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.54	277.0	24.8	138.0	20.5



# Quantitation Results Report (QT Reviewed)

Data File	Jan3118.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/31/2022 9:08:14 PM
Sample Name	B22011227-001C	Instrument	GCMS
Vial	11	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.447	152.0	146660	40.0000	ng/ml	-0.013
M Naphthalene-d8	5.916	136.0	243999	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.000	164.0	165390	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	356721	40.0000	ng/ml	0.000
M Chrysene-d12	14.701	240.0	290791	40.0000	ng/ml	0.000
M Perylene-d12	18.474	264.0	195759	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.093	82.0	331386	39.7414	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 794.83%		*
S 2-Fluorobiphenyl	7.239	172.0	468465	62.0158	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1240.32%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.251	244.0	556043	77.1058	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1542.12%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		<b>QValue</b>
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.025	154.0	0		ng/ml	md
T Fluorene	8.661	166.0	0		ng/ml	md
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.701	228.0	0		ng/ml	md
T Chrysene	14.776	228.0	0		ng/ml	md
T Benzo(b)fluoranthene	0.000		0	N.D.		

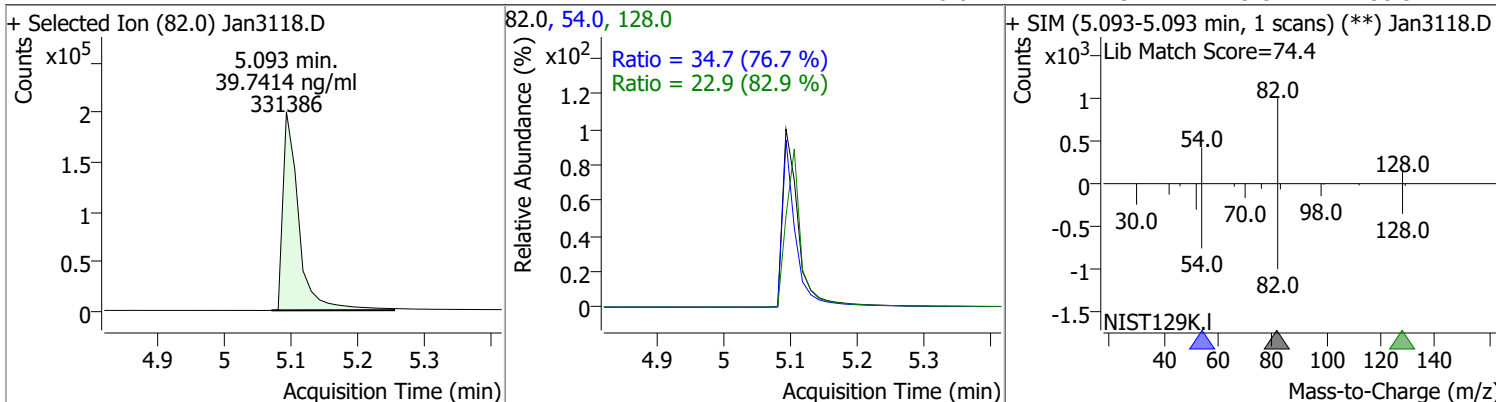
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.474	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

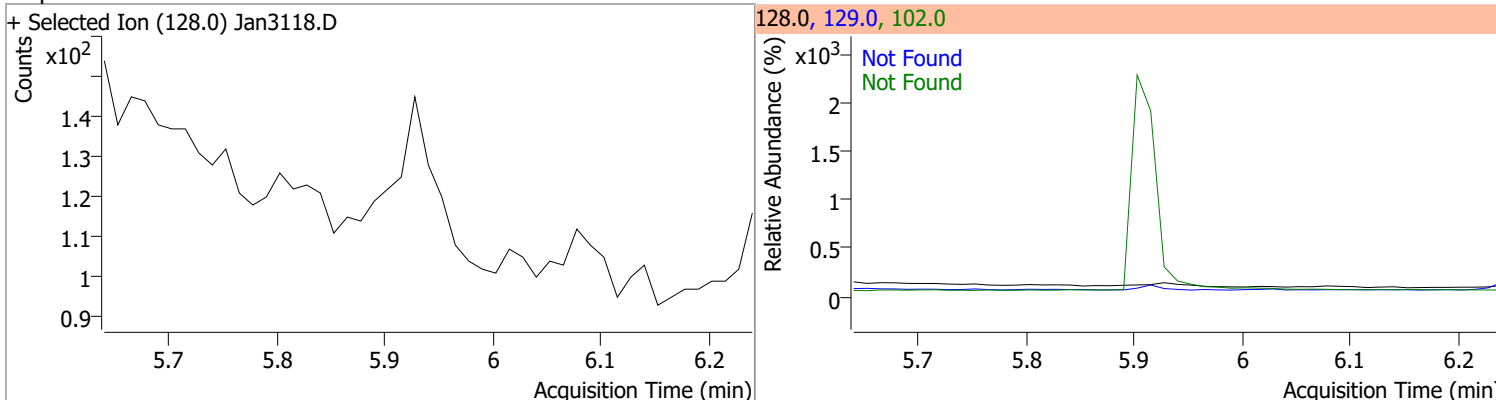
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

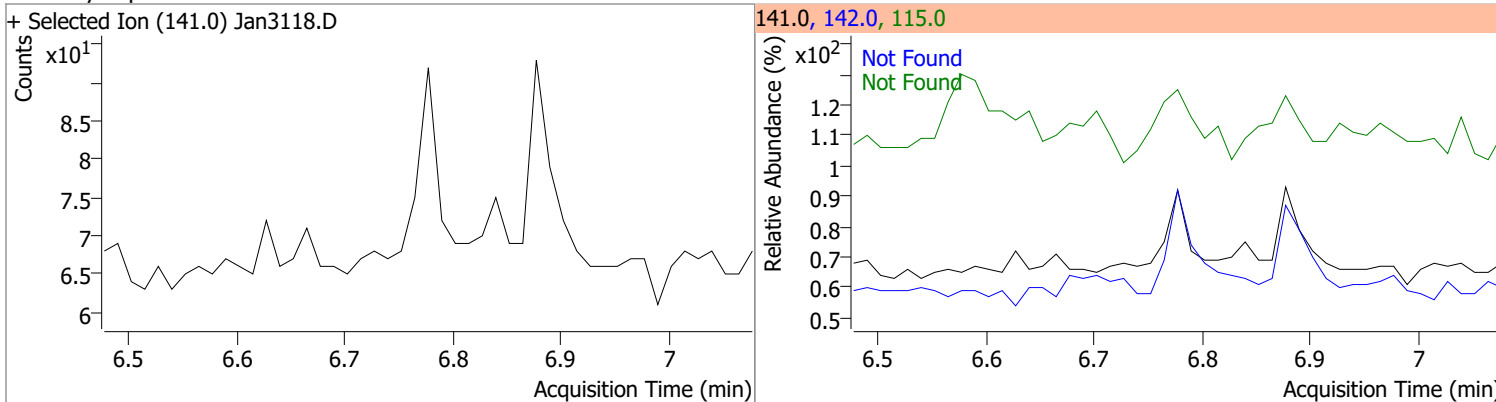
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	39.7414	5.09	-0.03	331386	54.0	34.7	31.6	58.8
					128.0	22.9	19.3	35.9



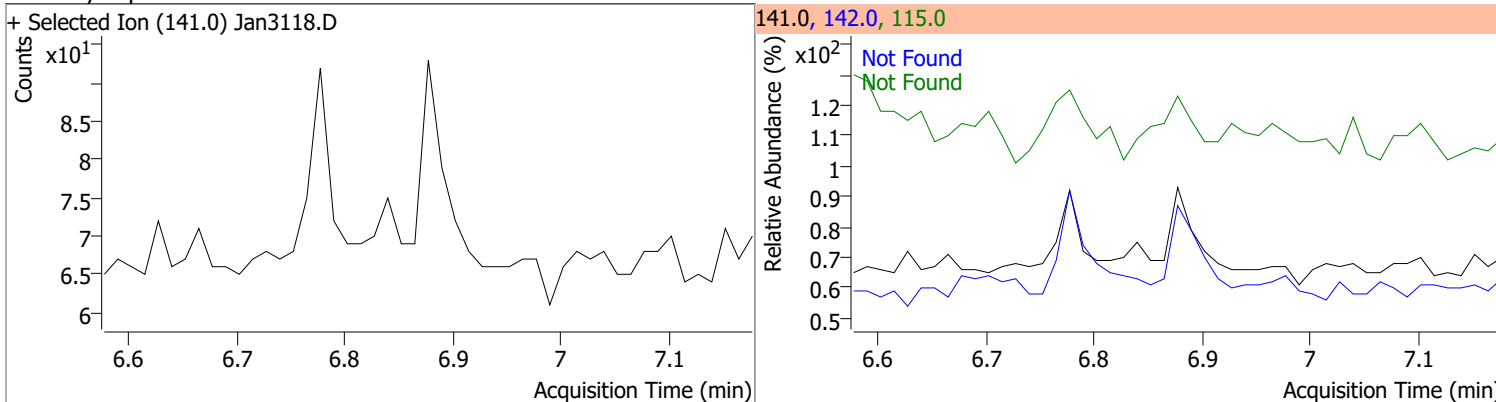
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1

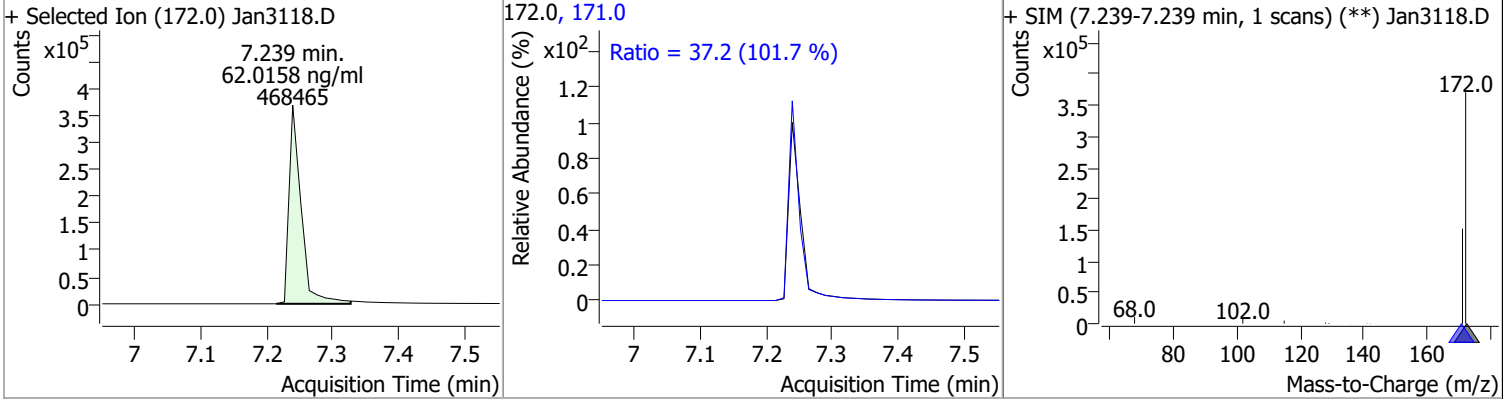


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3

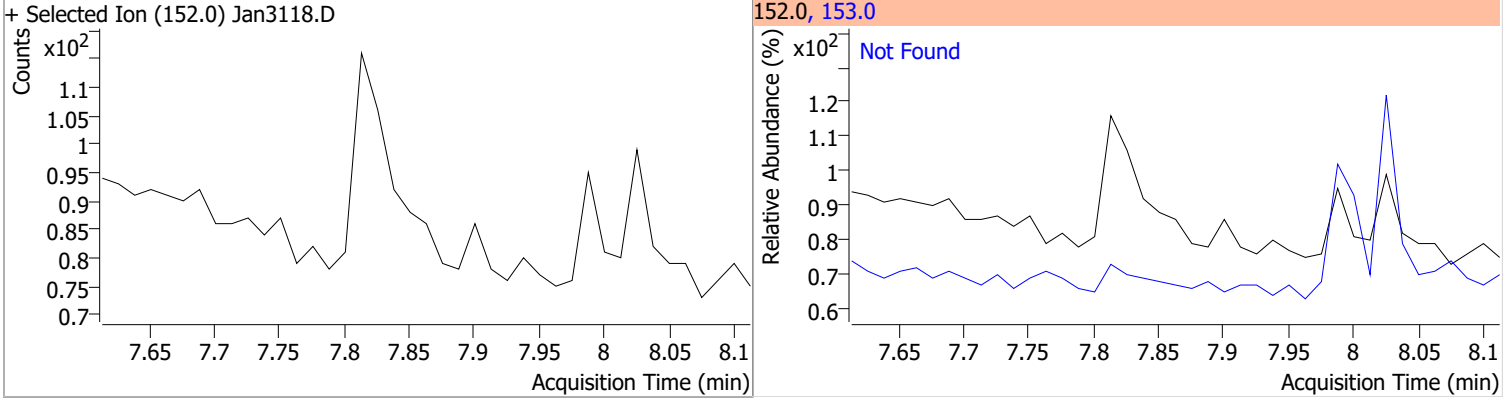


# Quantitation Results Report (QT Reviewed)

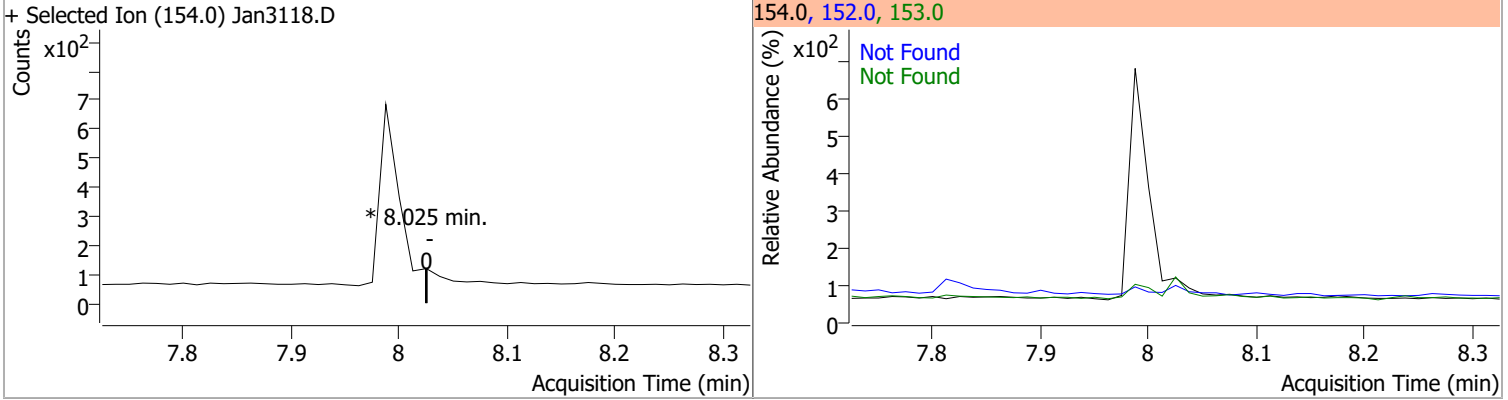
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	62.0158	7.24	-0.01	468465	171.0	37.2	25.6	47.6



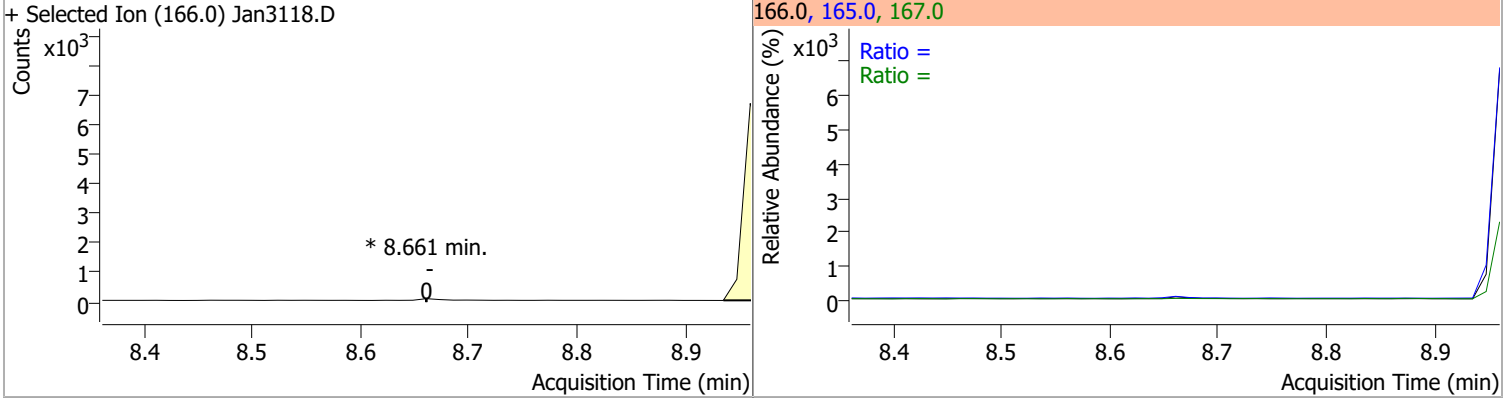
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.81	153.0	13.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		83.9	155.8
					152.0		40.9	76.0

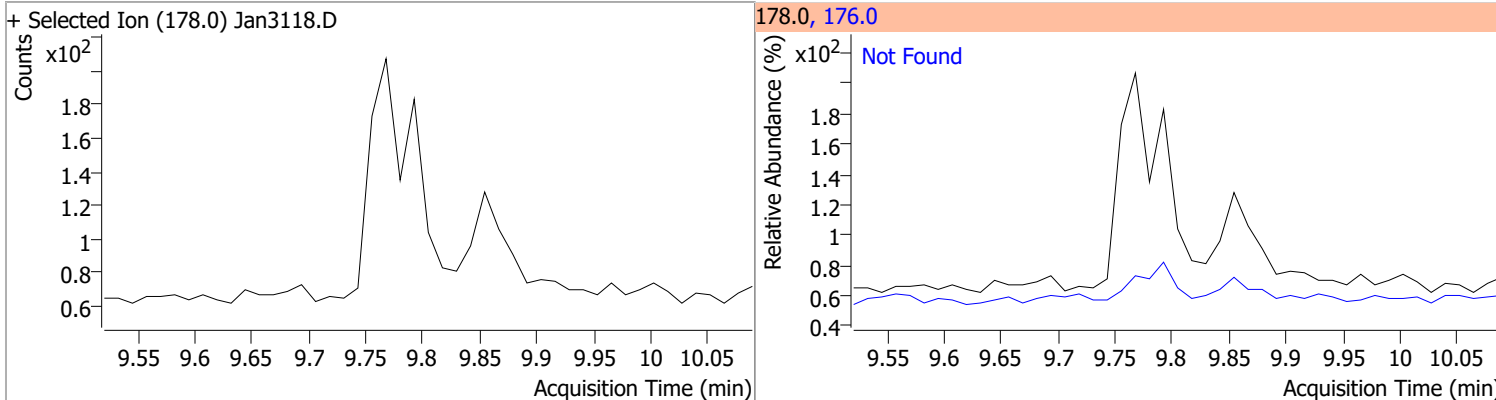


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		67.0	124.5
					167.0		9.2	17.1

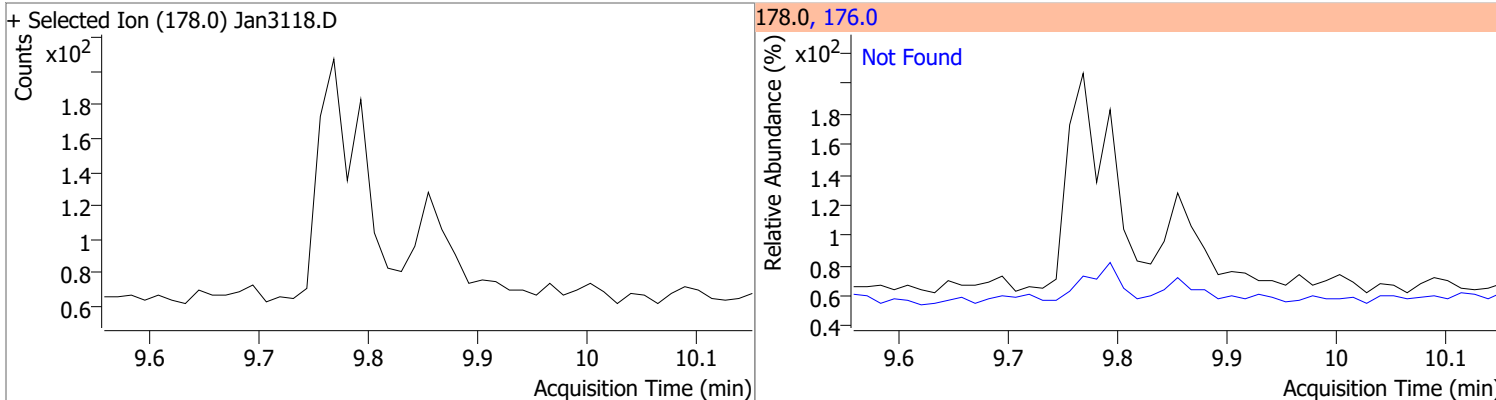


# Quantitation Results Report (QT Reviewed)

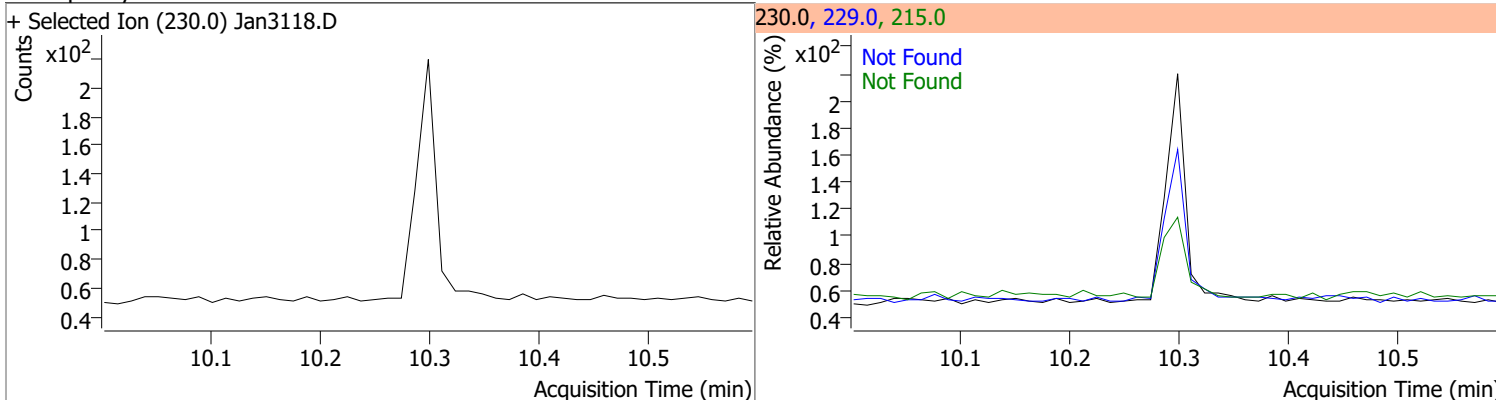
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.79	176.0	18.9



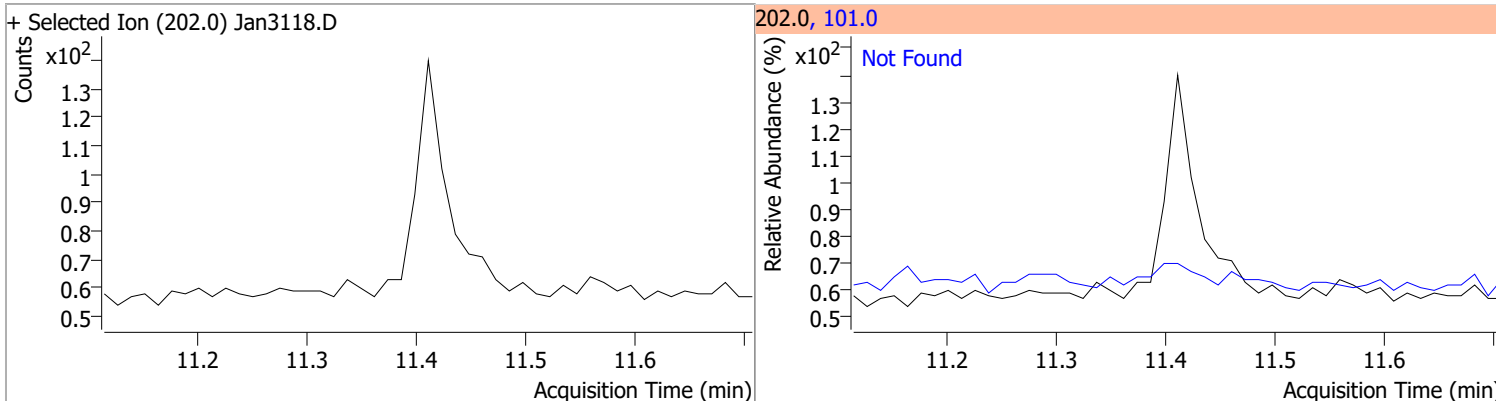
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.85	176.0	18.3



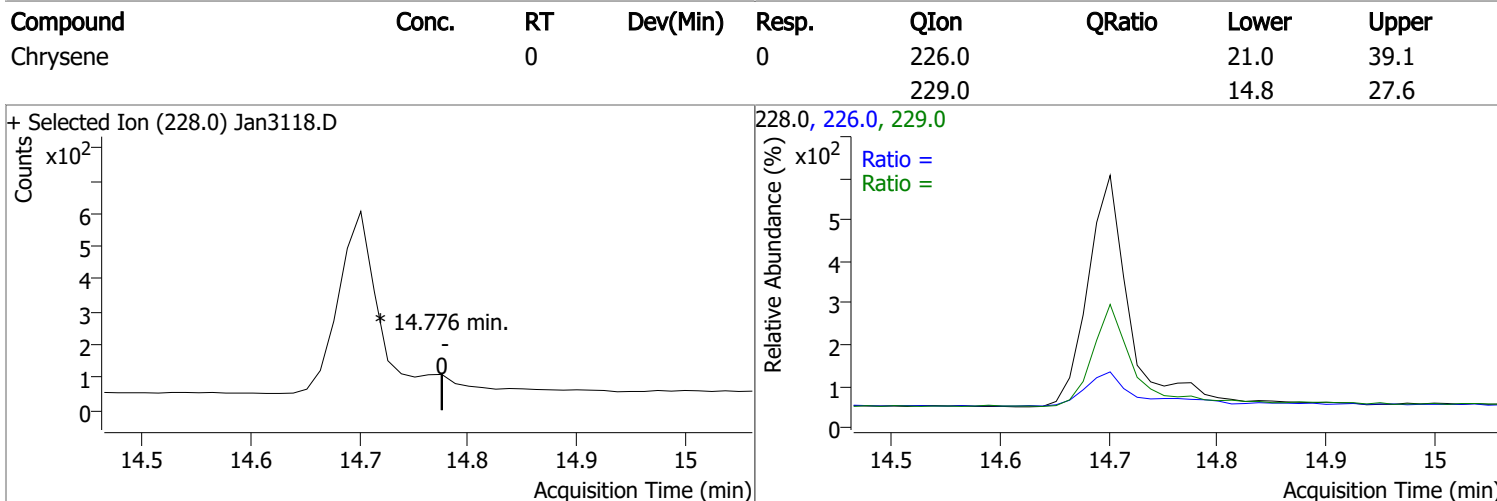
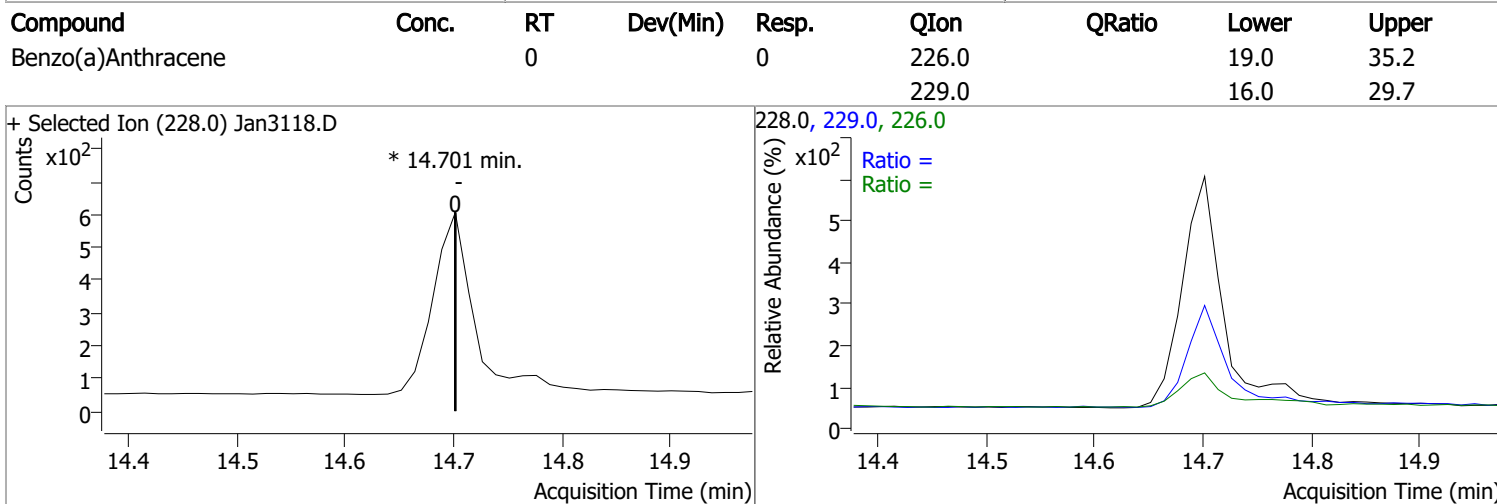
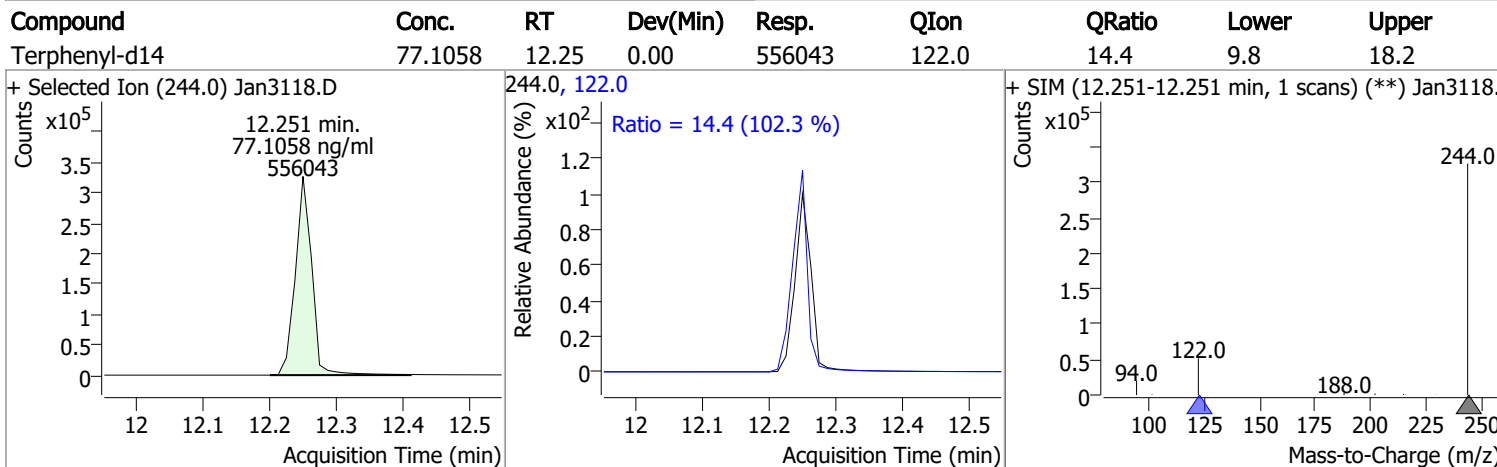
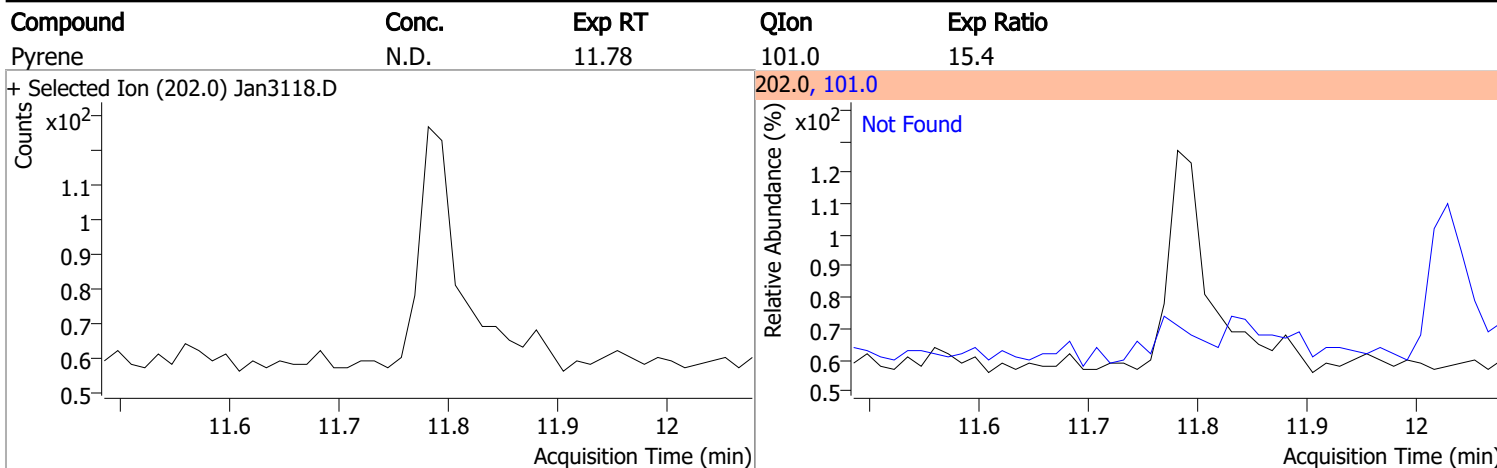
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	67.3	215.0	44.4



Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	12.5

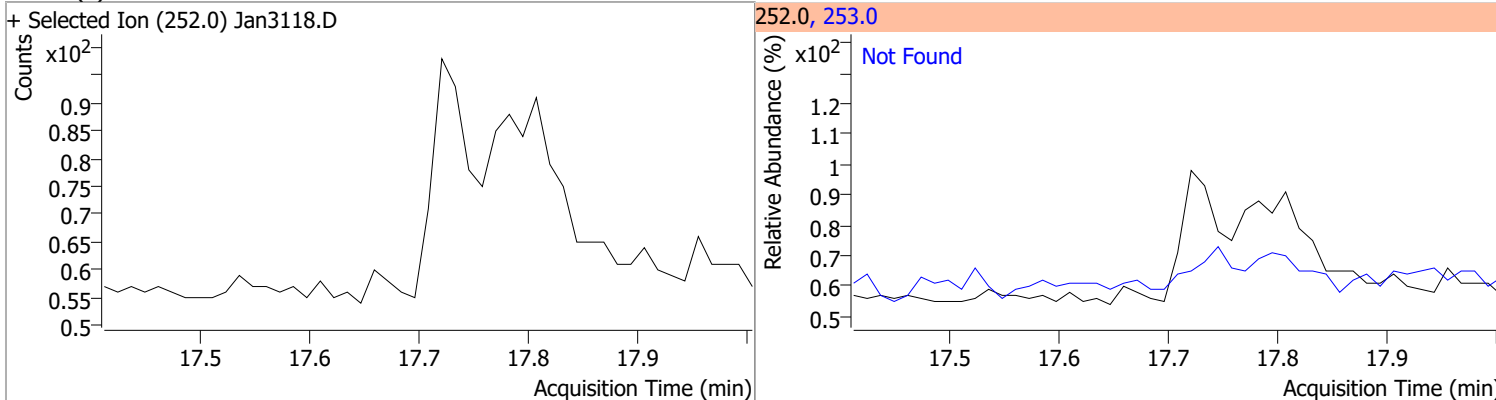


# Quantitation Results Report (QT Reviewed)

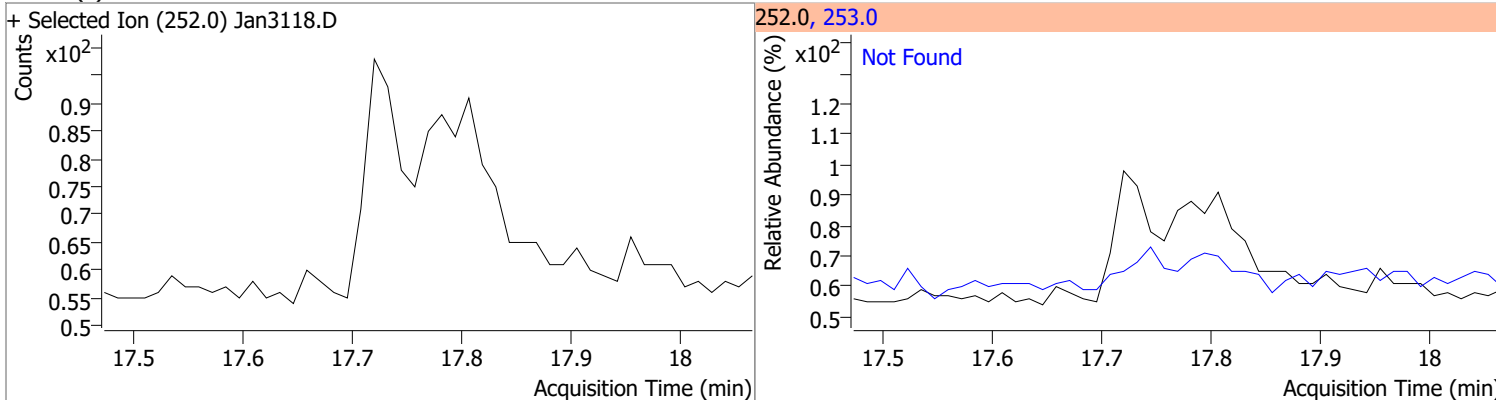


# Quantitation Results Report (QT Reviewed)

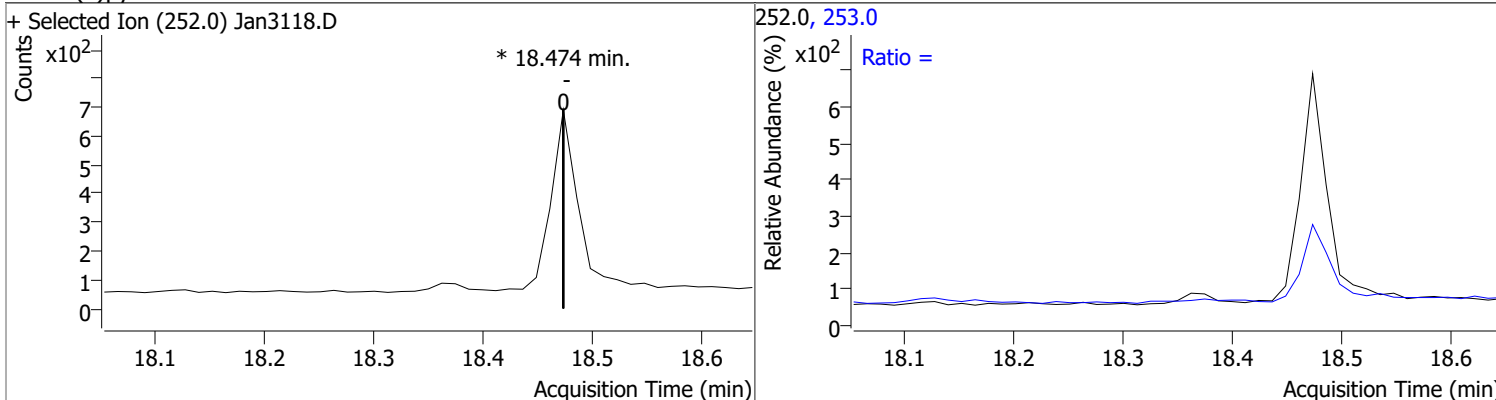
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.71	253.0	21.3



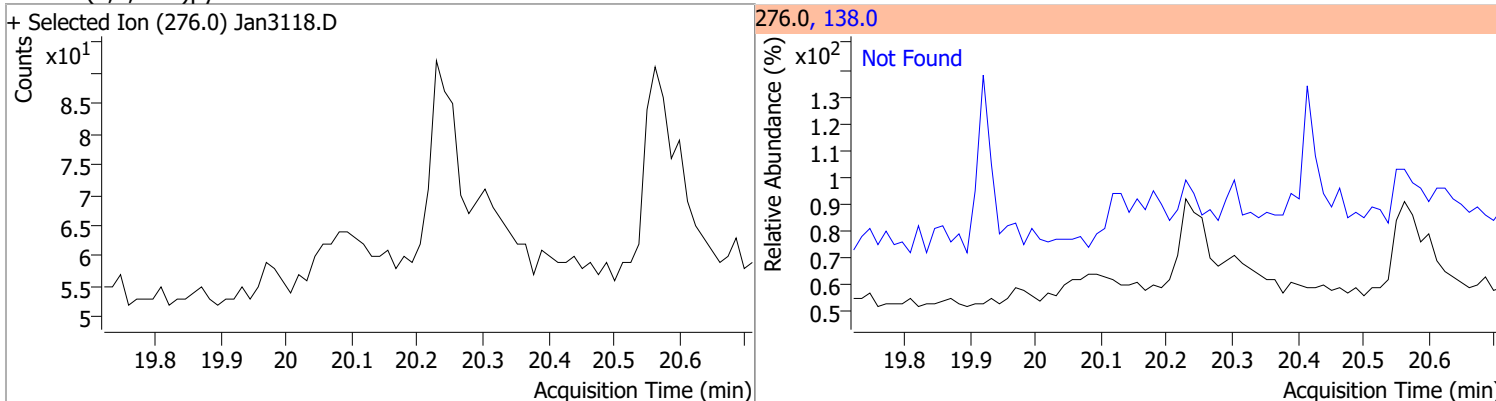
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.77	253.0	18.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.1	29.9



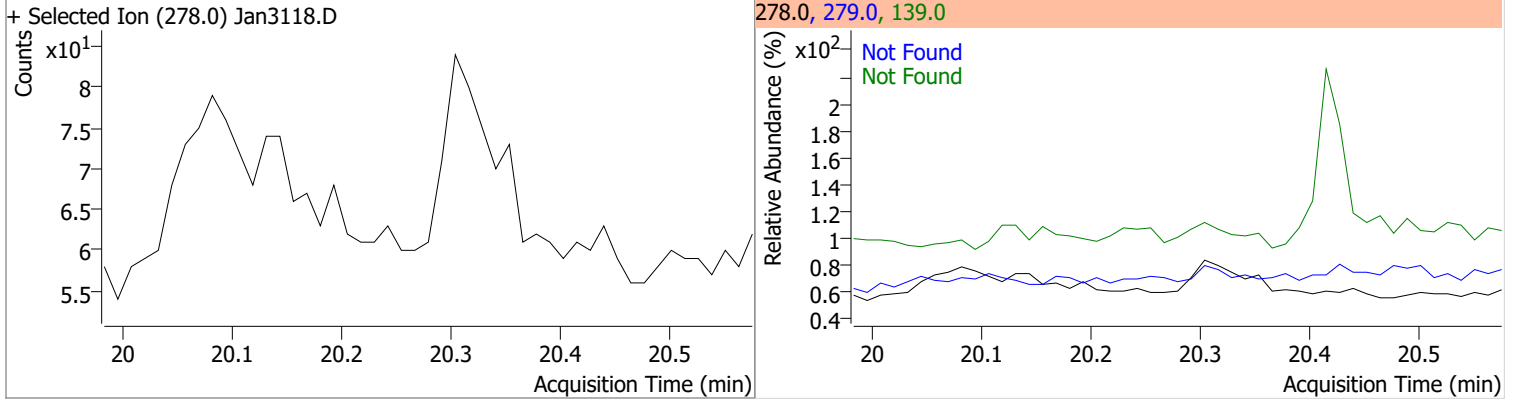
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.22	138.0	22.4



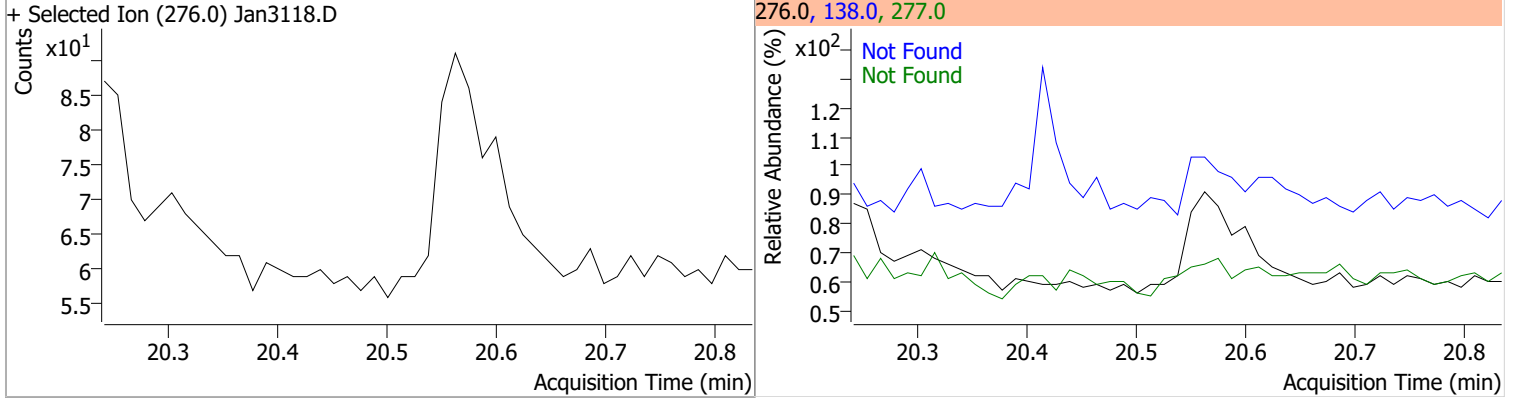


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.28	279.0	24.9	139.0	17.5



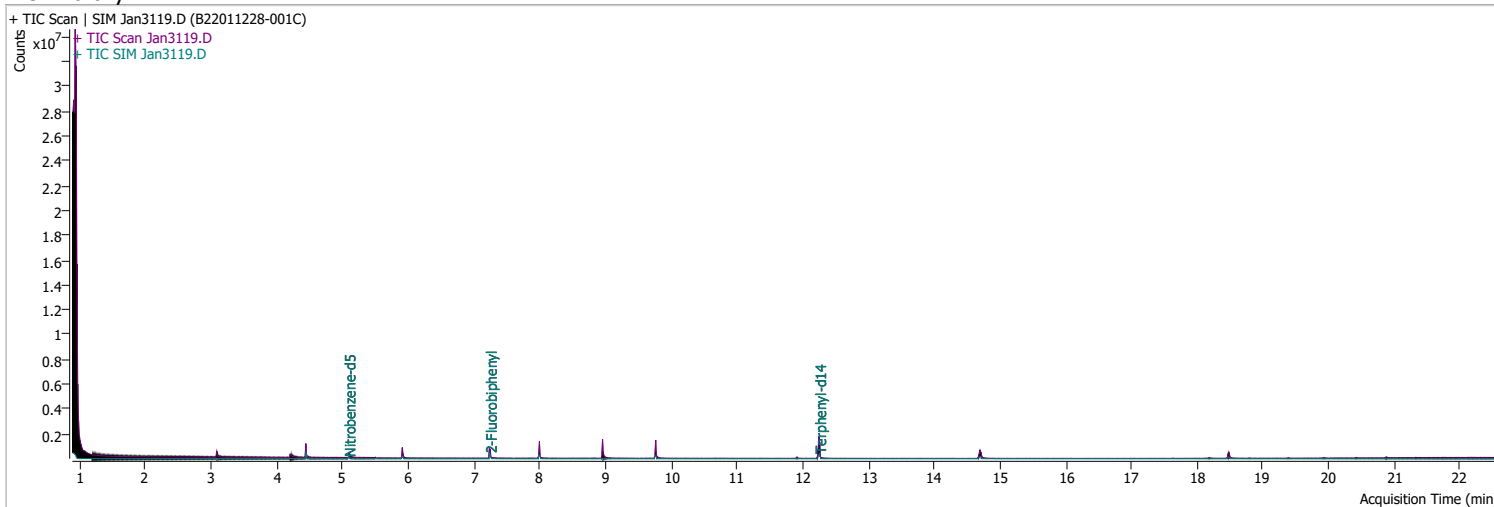
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.54	277.0	24.8	138.0	20.5



# Quantitation Results Report (QT Reviewed)

Data File	Jan3119.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/31/2022 9:40:52 PM
Sample Name	B22011228-001C	Instrument	GCMS
Vial	12	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.447	152.0	146518	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.916	136.0	246170	40.0000	ng/ml	0.000
M Acenaphthene-d10	8.001	164.0	163327	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	357416	40.0000	ng/ml	0.000
M Chrysene-d12	14.702	240.0	290033	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	189831	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.094	82.0	250516	33.4418	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 668.84%		*
S 2-Fluorobiphenyl	7.240	172.0	366773	50.6467	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1012.93%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.251	244.0	518007	73.3315	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1466.63%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.013	154.0	0		ng/ml	md 1
T Fluorene	8.661	166.0	0		ng/ml	md 1
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.702	228.0	0		ng/ml	md 1
T Chrysene	14.764	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	0.000		0	N.D.		

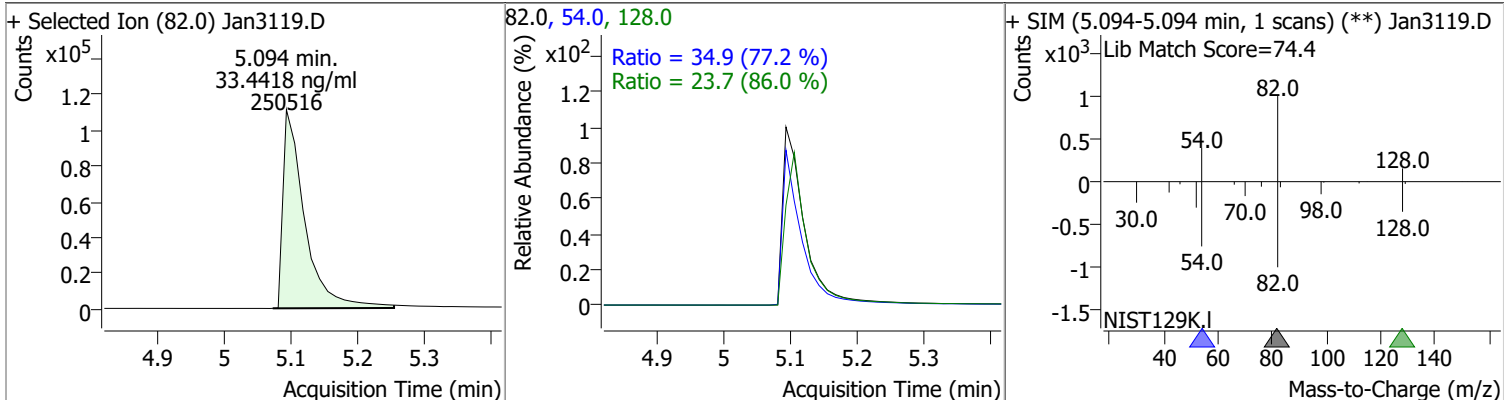
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.475	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

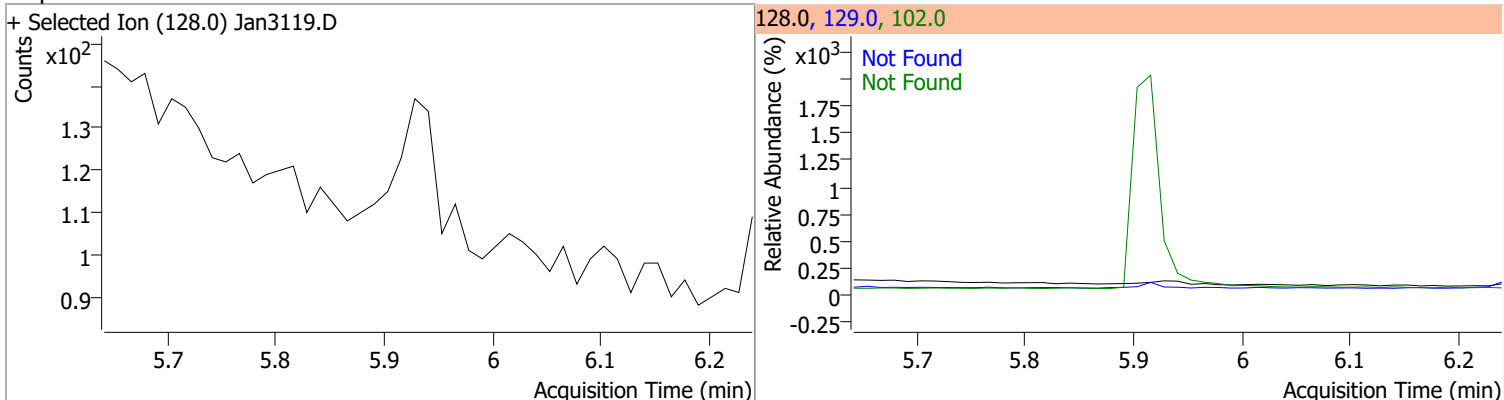
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

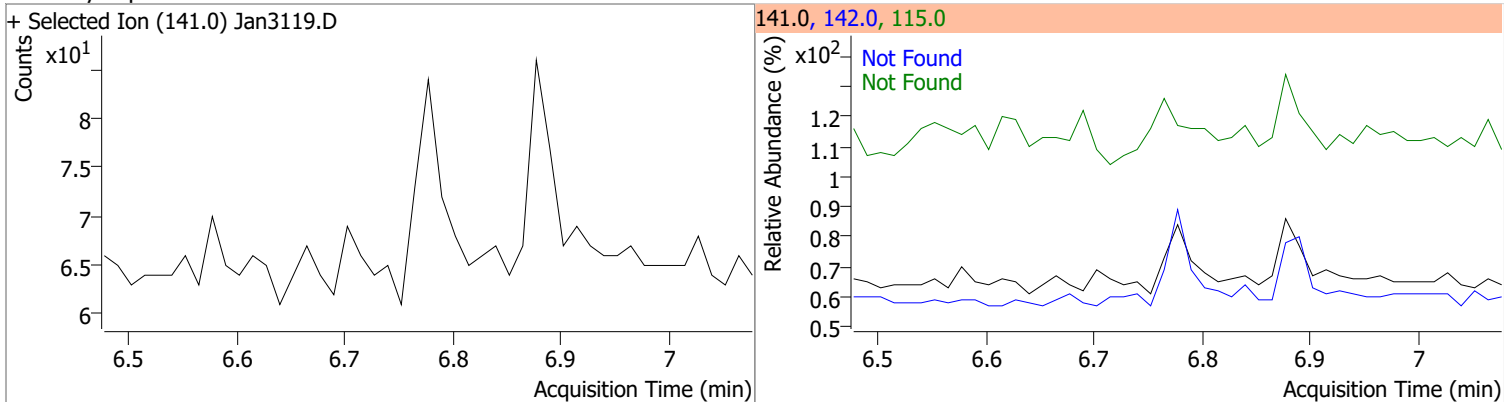
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	33.4418	5.09	-0.02	250516	54.0	34.9	31.6	58.8
					128.0	23.7	19.3	35.9



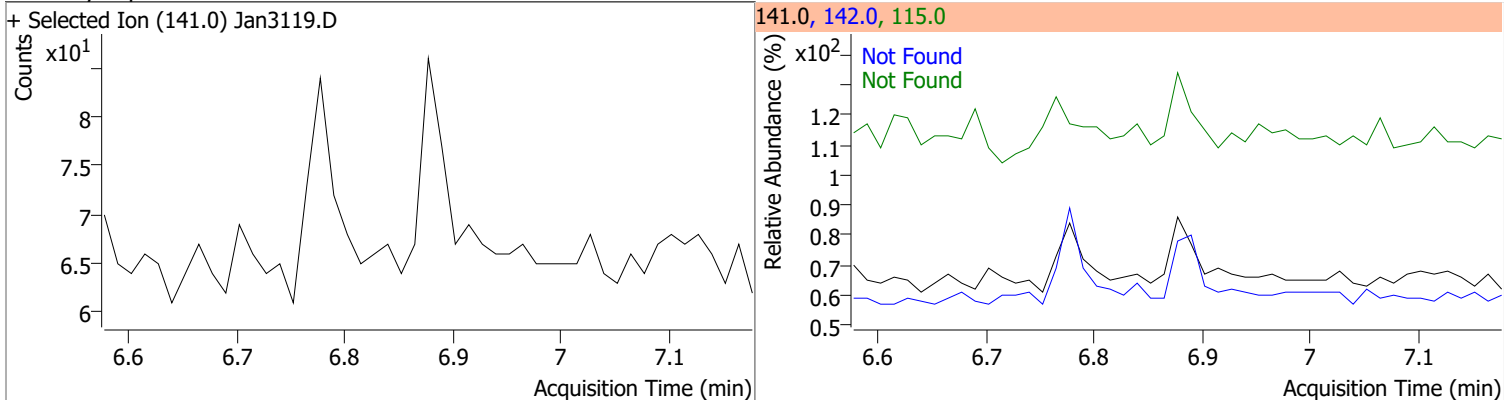
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1

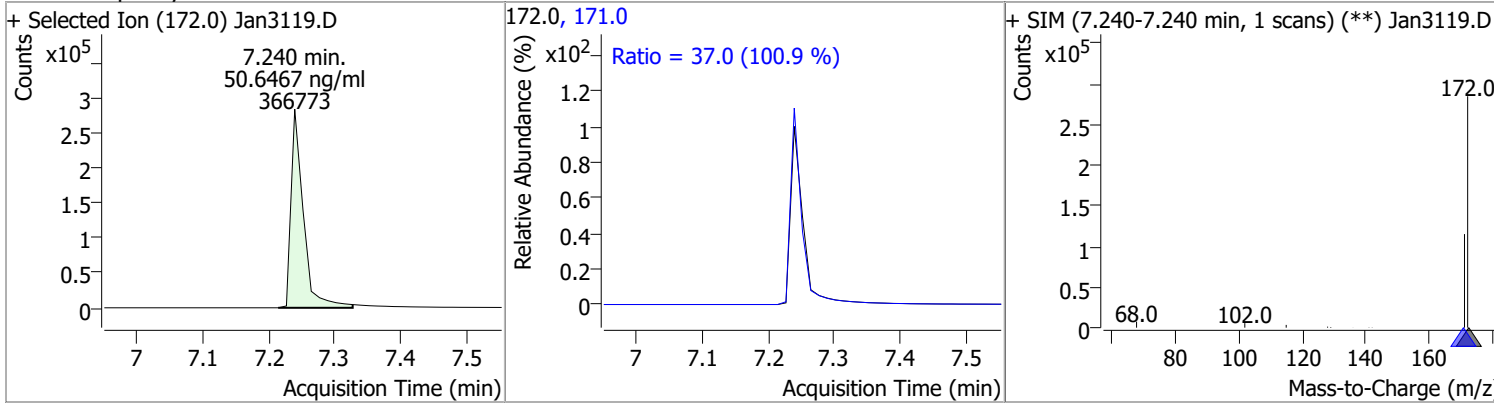


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3

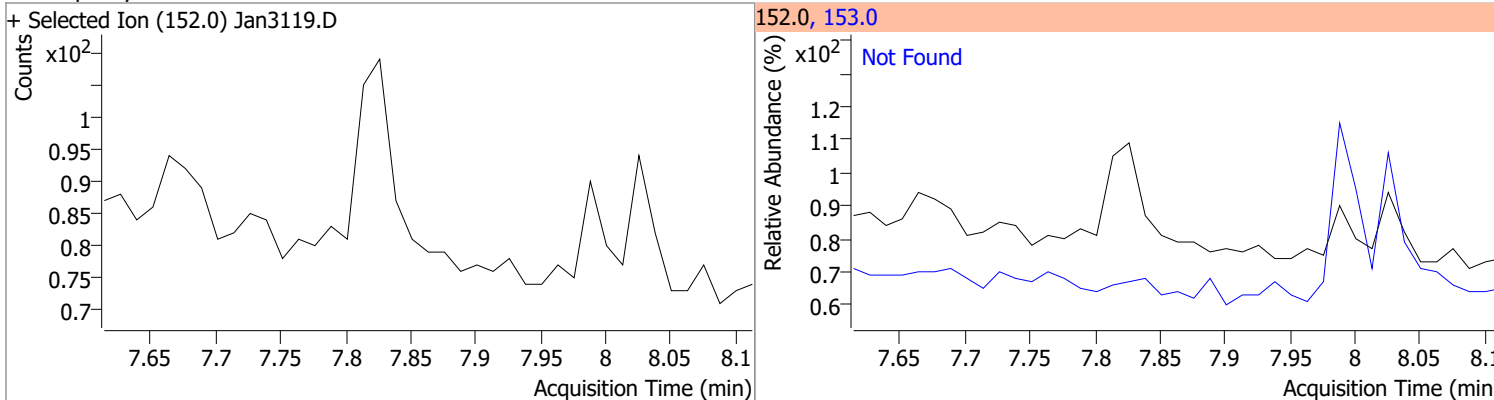


# Quantitation Results Report (QT Reviewed)

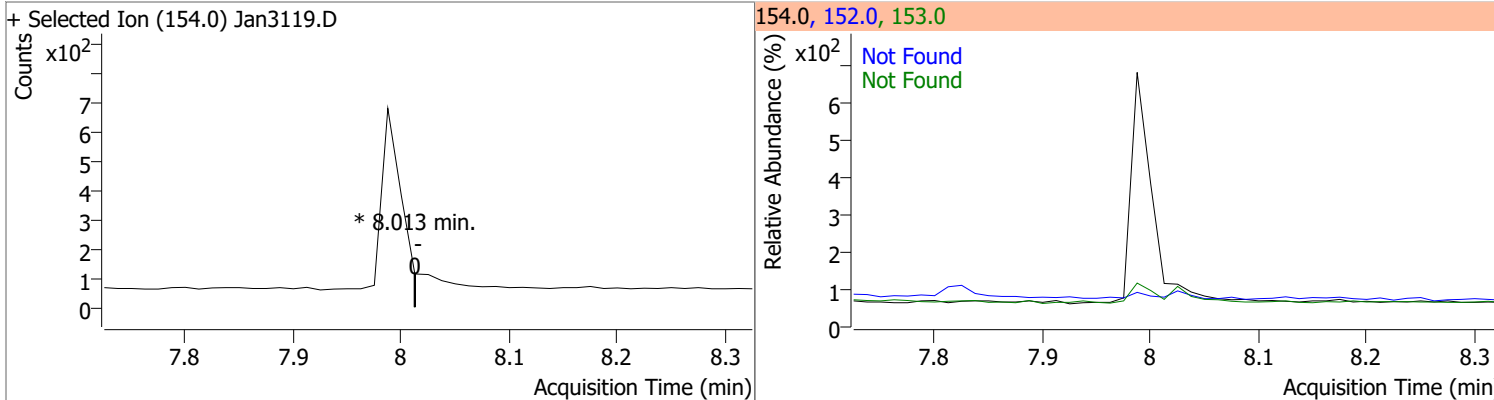
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	50.6467	7.24	-0.01	366773	171.0	37.0	25.6	47.6



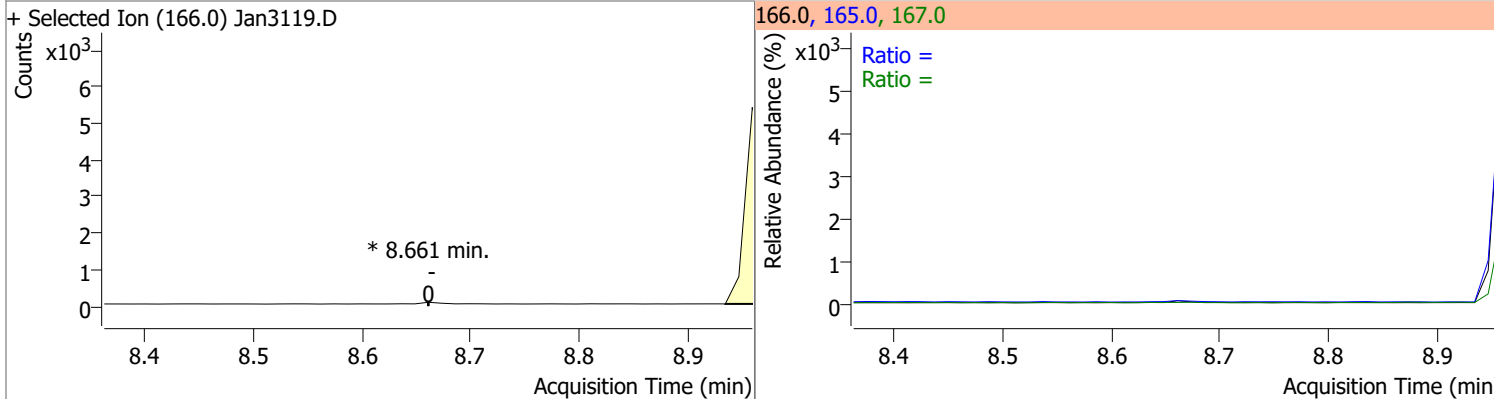
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.81	153.0	13.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		83.9	155.8
					152.0		40.9	76.0



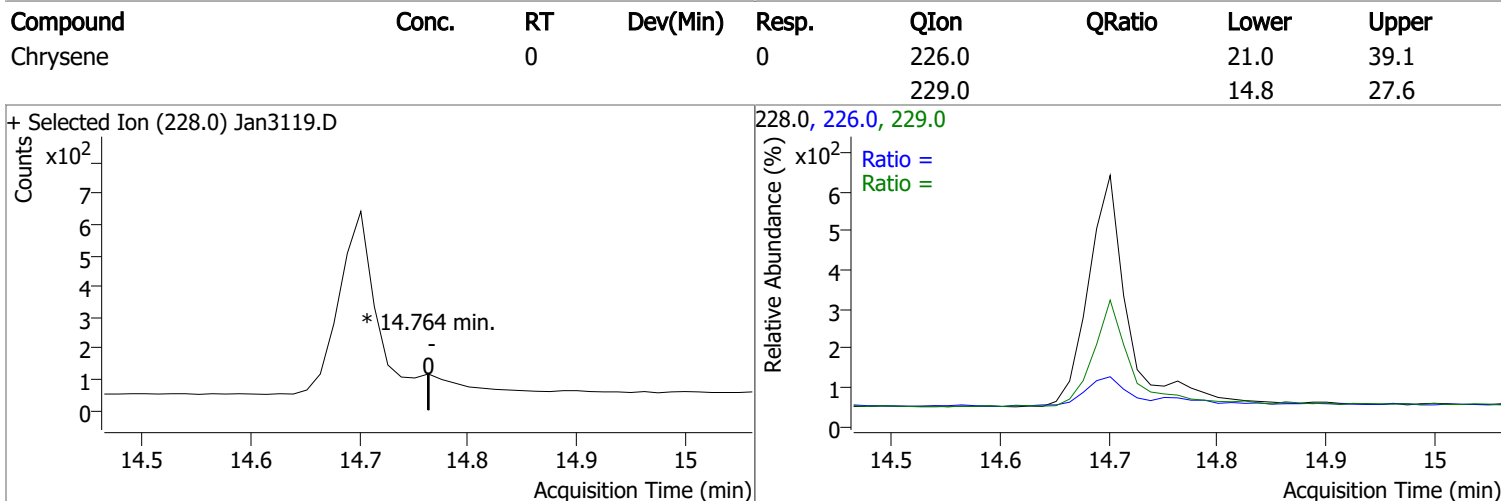
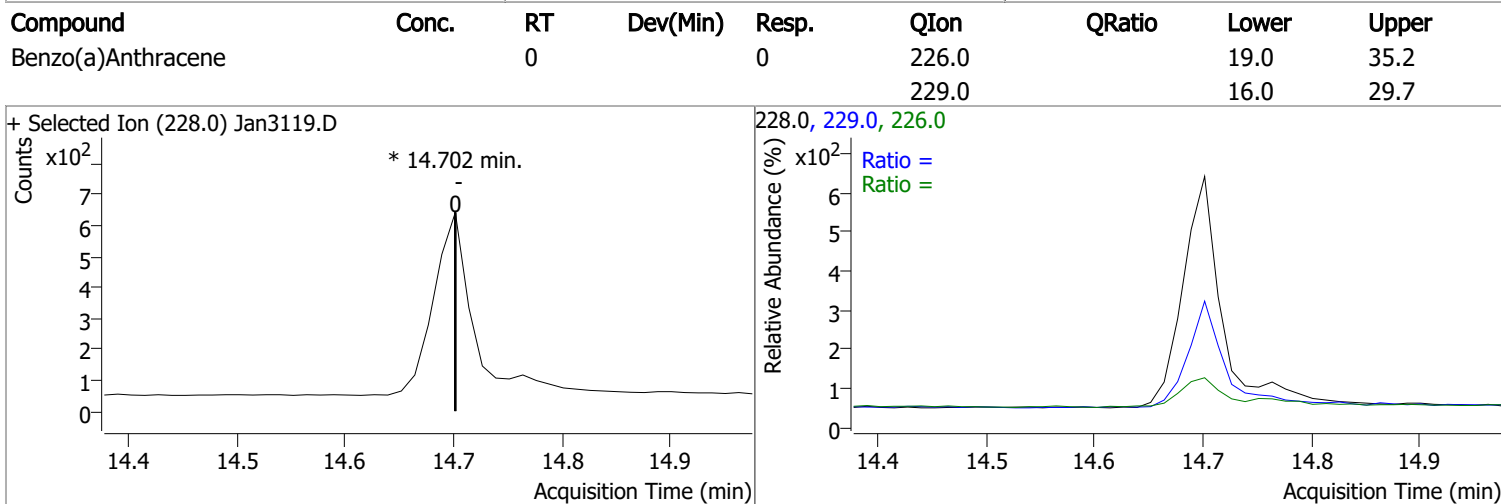
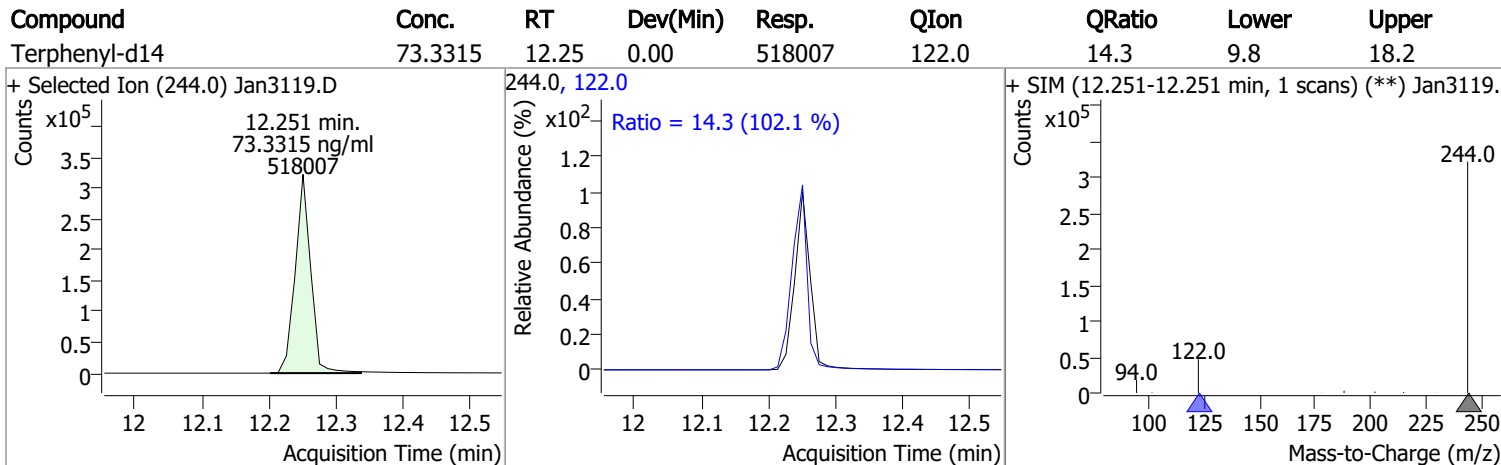
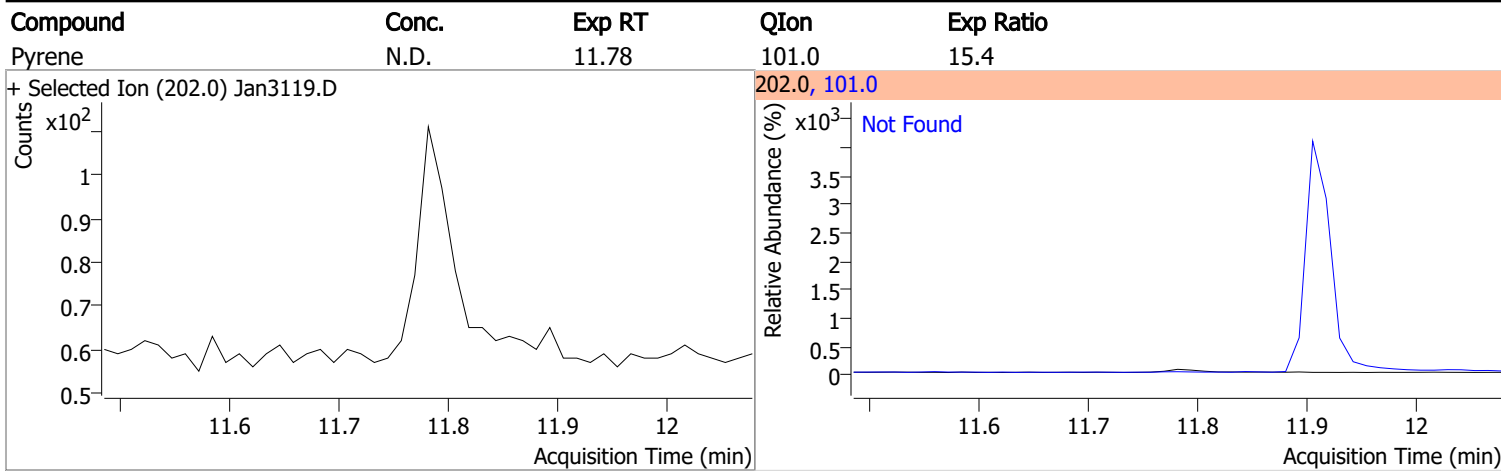
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		67.0	124.5
					167.0		9.2	17.1



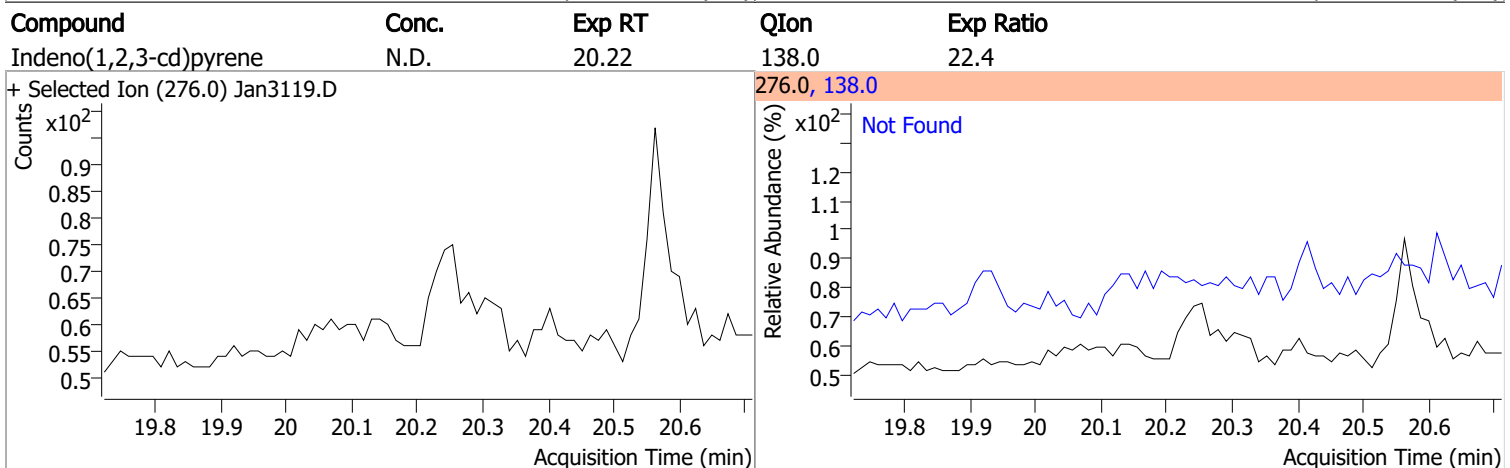
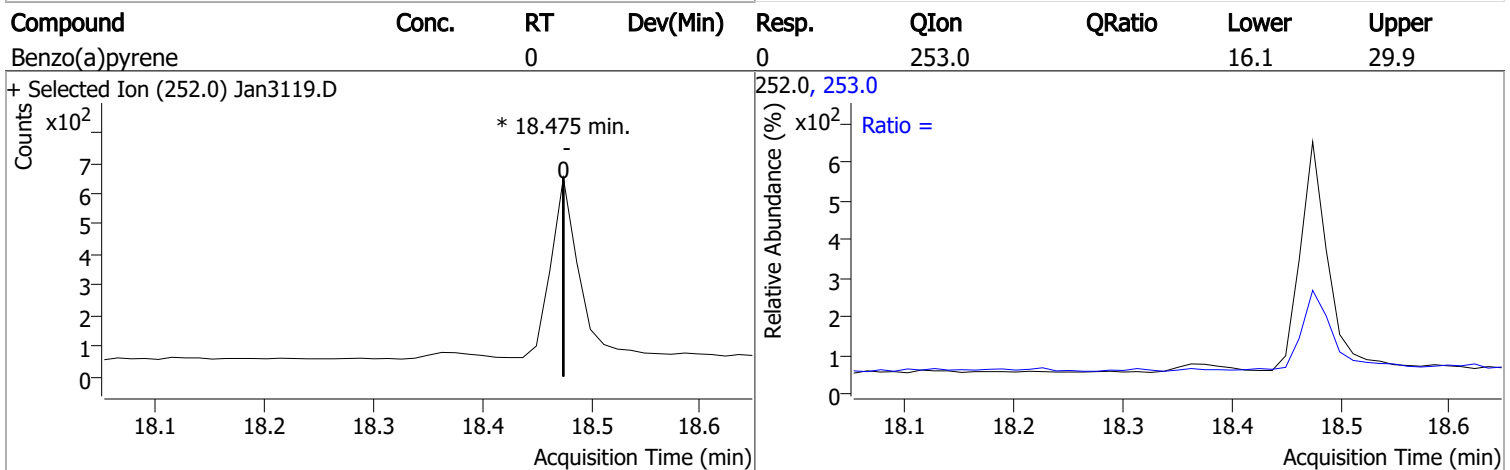
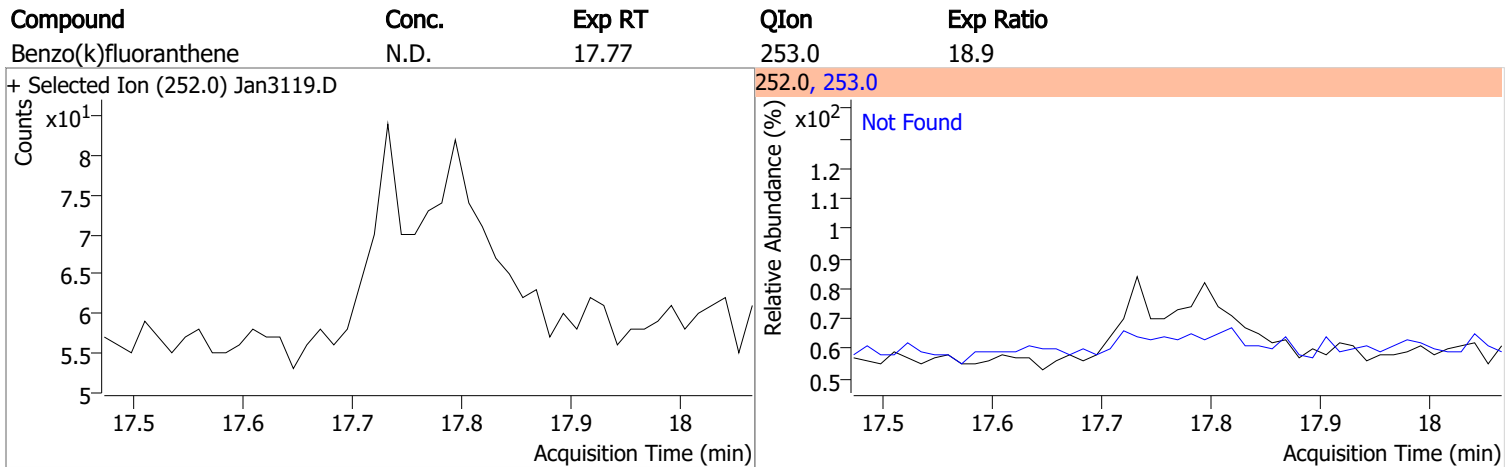
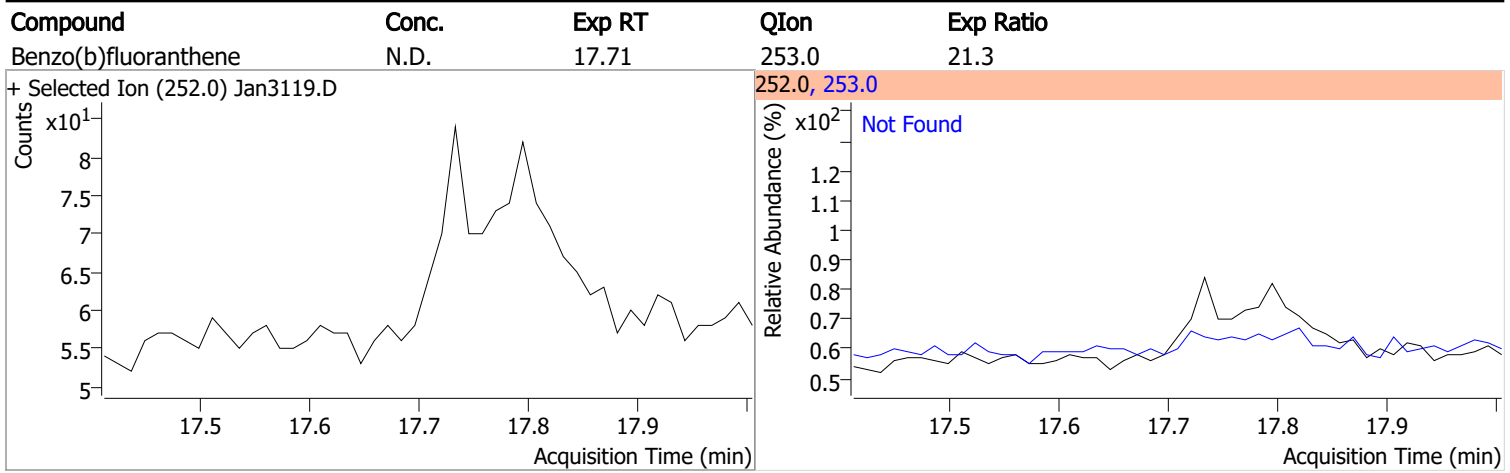
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio		
Phenanthrene	N.D.	9.79	176.0	18.9		
+ Selected Ion (178.0) Jan3119.D			178.0, 176.0			
Anthracene	N.D.	9.85	176.0	18.3		
+ Selected Ion (178.0) Jan3119.D			178.0, 176.0			
o-Terphenyl	N.D.	10.30	229.0	67.3	QIon	Exp Ratio
			215.0	44.4		
+ Selected Ion (230.0) Jan3119.D			230.0, 229.0, 215.0			
Fluoranthene	N.D.	11.41	101.0	12.5		
+ Selected Ion (202.0) Jan3119.D			202.0, 101.0			

# Quantitation Results Report (QT Reviewed)



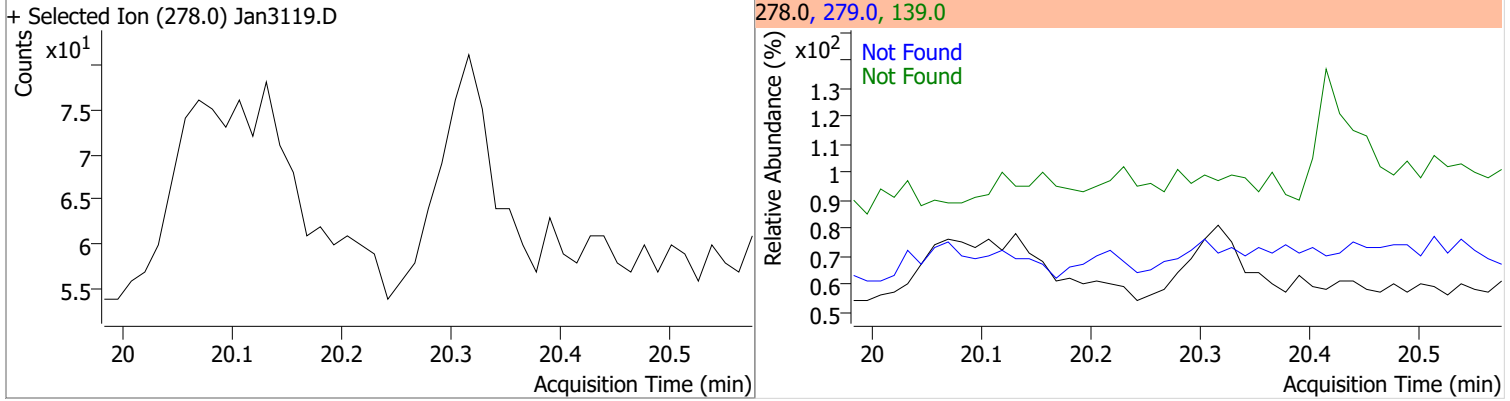
# Quantitation Results Report (QT Reviewed)



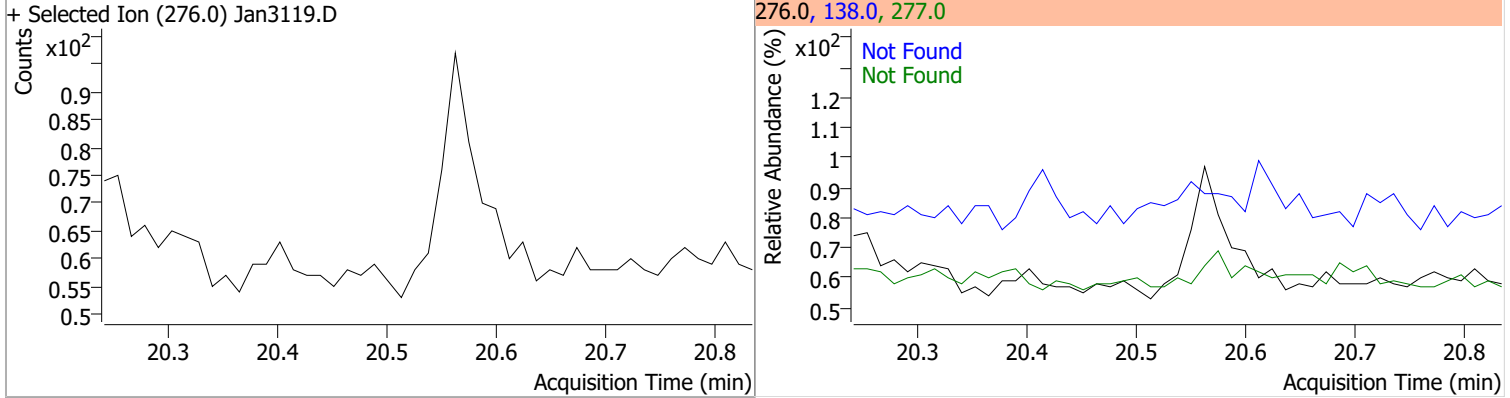


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.28	279.0	24.9	139.0	17.5



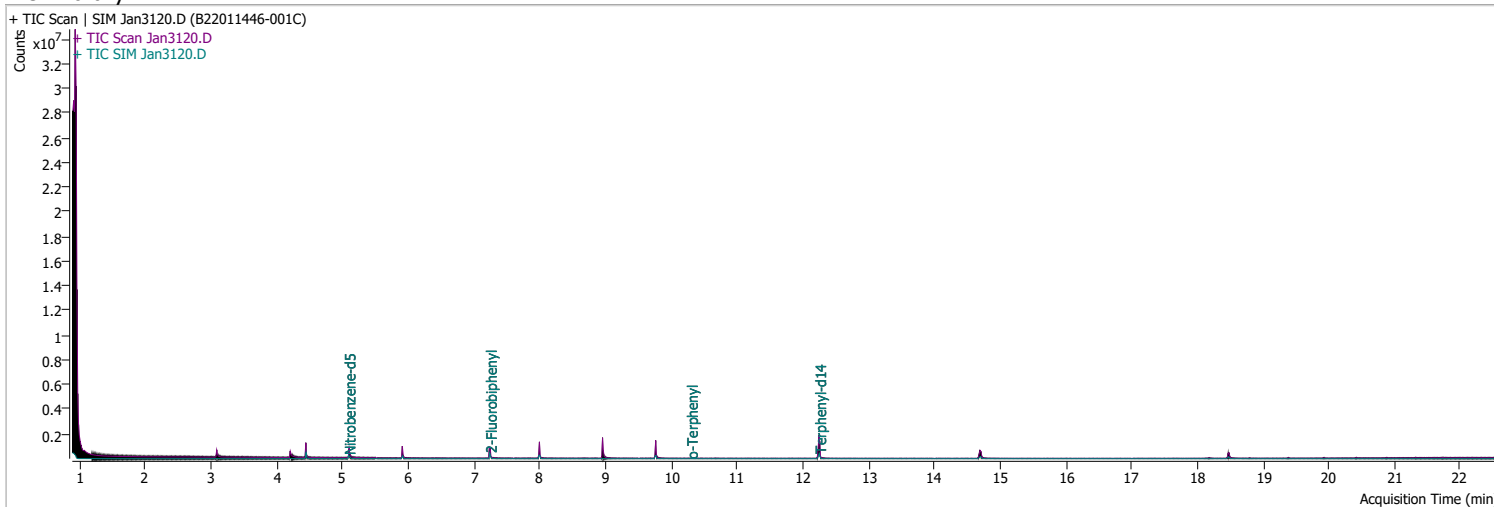
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.54	277.0	24.8	138.0	20.5



# Quantitation Results Report (QT Reviewed)

Data File	Jan3120.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/31/2022 10:13:25 PM
Sample Name	B22011446-001C	Instrument	GCMS
Vial	13	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)	
<b>Internal Standards</b>							
M 1,4-Dichlorobenzene-d4	4.447	152.0	145860	40.0000	ng/ml	-0.013	
M Naphthalene-d8	5.916	136.0	251154	40.0000	ng/ml	0.000	
M Acenaphthene-d10	8.000	164.0	169149	40.0000	ng/ml	0.000	
M Phenanthrene-d10	9.768	188.0	361981	40.0000	ng/ml	0.000	
M Chrysene-d12	14.701	240.0	290176	40.0000	ng/ml	0.000	
M Perylene-d12	18.474	264.0	192184	40.0000	ng/ml	0.000	
<b>System Monitoring Compounds</b>							
S Nitrobenzene-d5	5.093	82.0	319548	38.9964	ng/ml	-0.025	
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 779.93%		*	
S 2-Fluorobiphenyl	7.239	172.0	417998	55.0865	ng/ml	-0.013	
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1101.73%		*	
S o-Terphenyl	10.299	230.0	716	0.0885	ng/ml	0.000	
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 1.77%		*	
S Terphenyl-d14	12.251	244.0	524270	73.9579	ng/ml	0.000	
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1479.16%		*	
<b>Target Compounds</b>							
T Naphthalene	0.000		0	N.D.			<b>QValue</b>
T 2-Methylnaphthalene	0.000		0	N.D.			
T 1-Methylnaphthalene	0.000		0	N.D.			
T Acenaphthylene	0.000		0	N.D.			
T Acenaphthene	8.013	154.0	0		ng/ml	md	1
T Fluorene	8.960	166.0	0		ng/ml	md	1
T Phenanthrene	0.000		0	N.D.			
T Anthracene	0.000		0	N.D.			
T Fluoranthene	0.000		0	N.D.			
T Pyrene	0.000		0	N.D.			
T Benzo(a)Anthracene	14.701	228.0	0		ng/ml	md	1
T Chrysene	14.701	228.0	0		ng/ml	md	1
T Benzo(b)fluoranthene	0.000		0	N.D.			

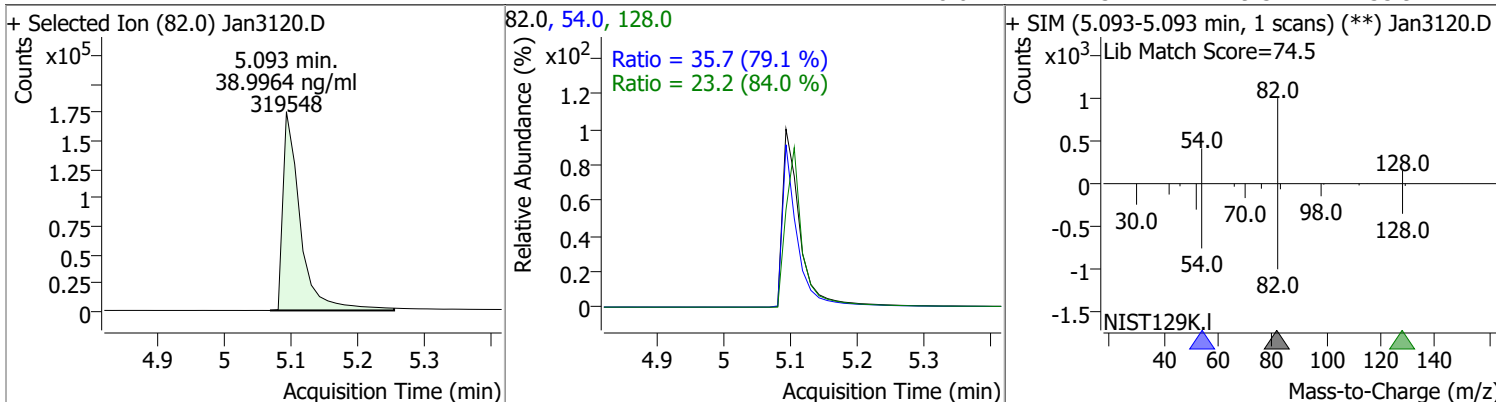
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.474	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

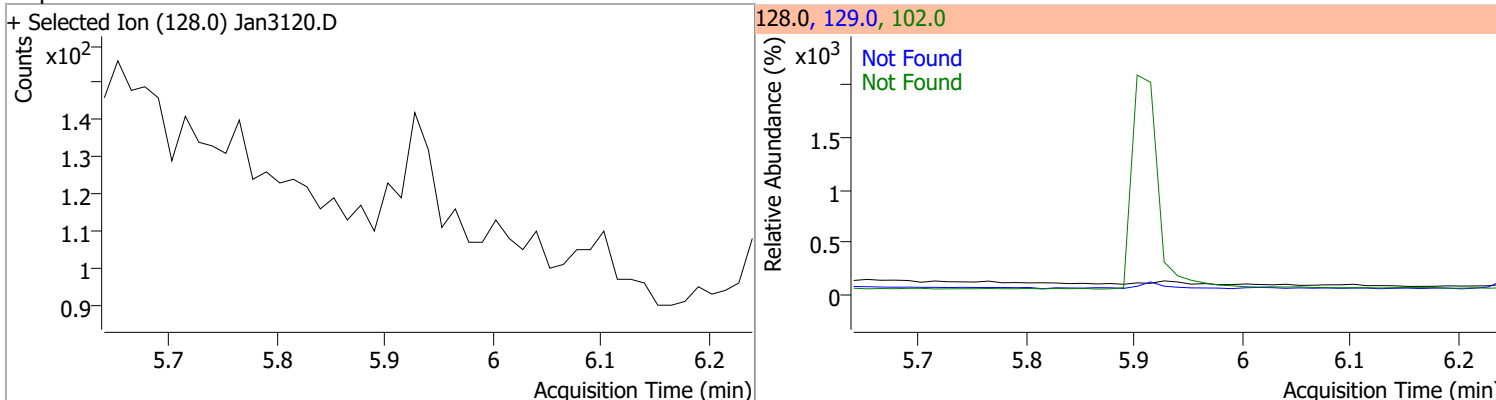
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

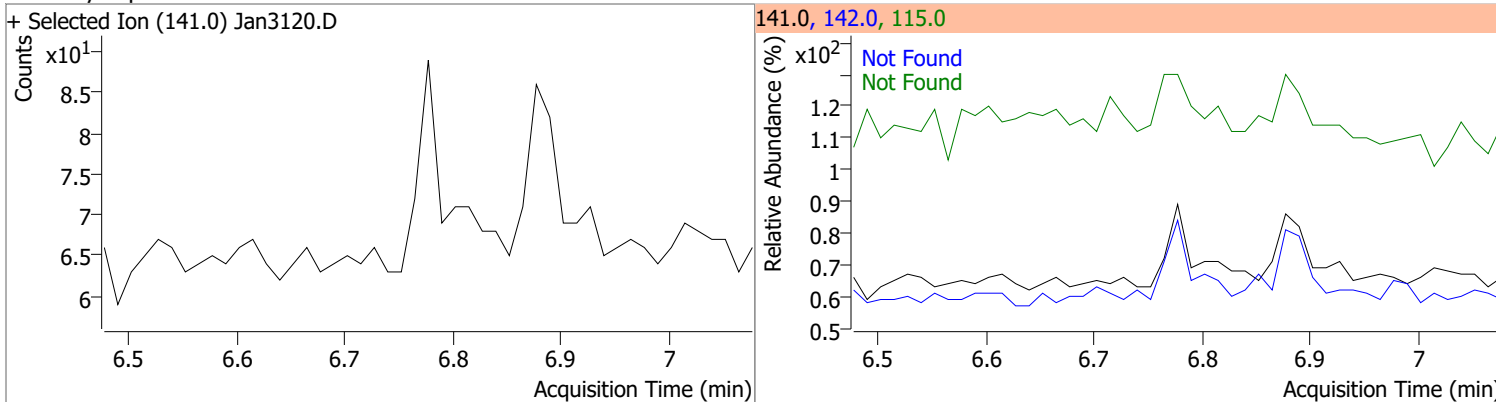
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	38.9964	5.09	-0.02	319548	54.0	35.7	31.6	58.8
					128.0	23.2	19.3	35.9



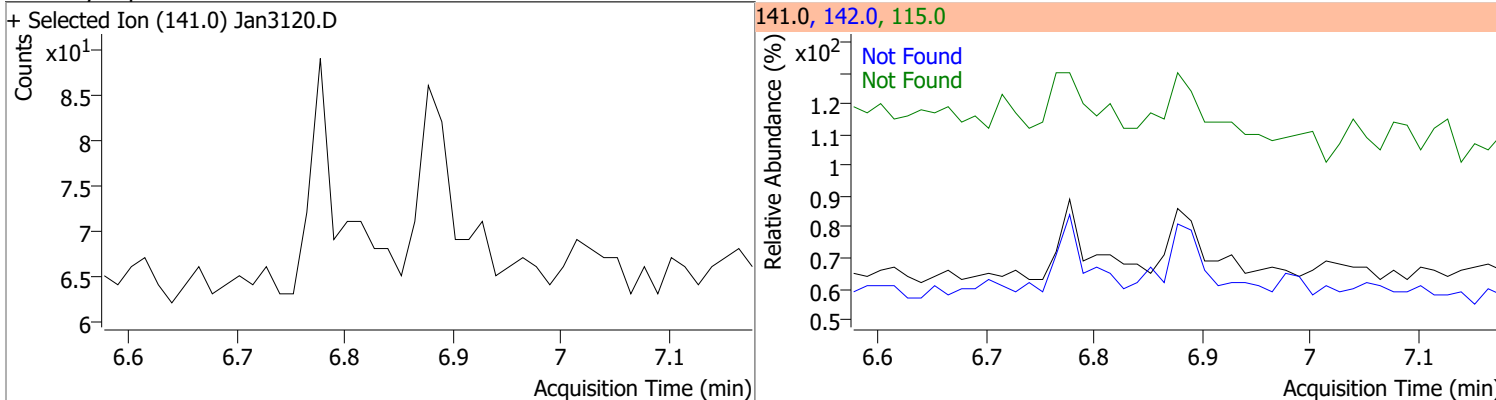
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



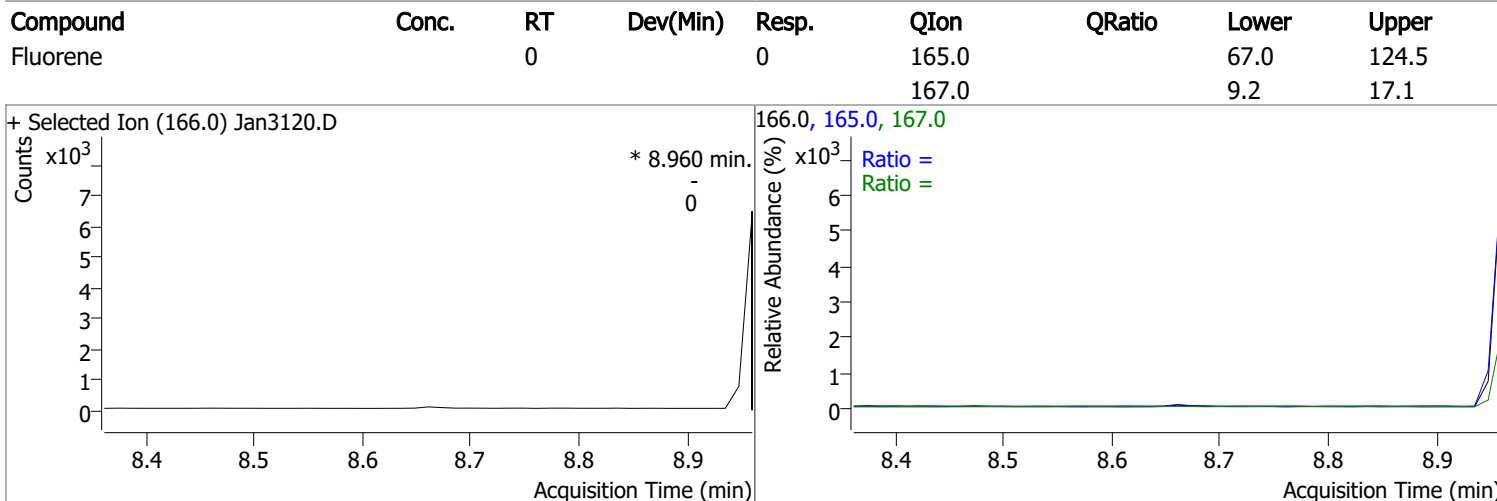
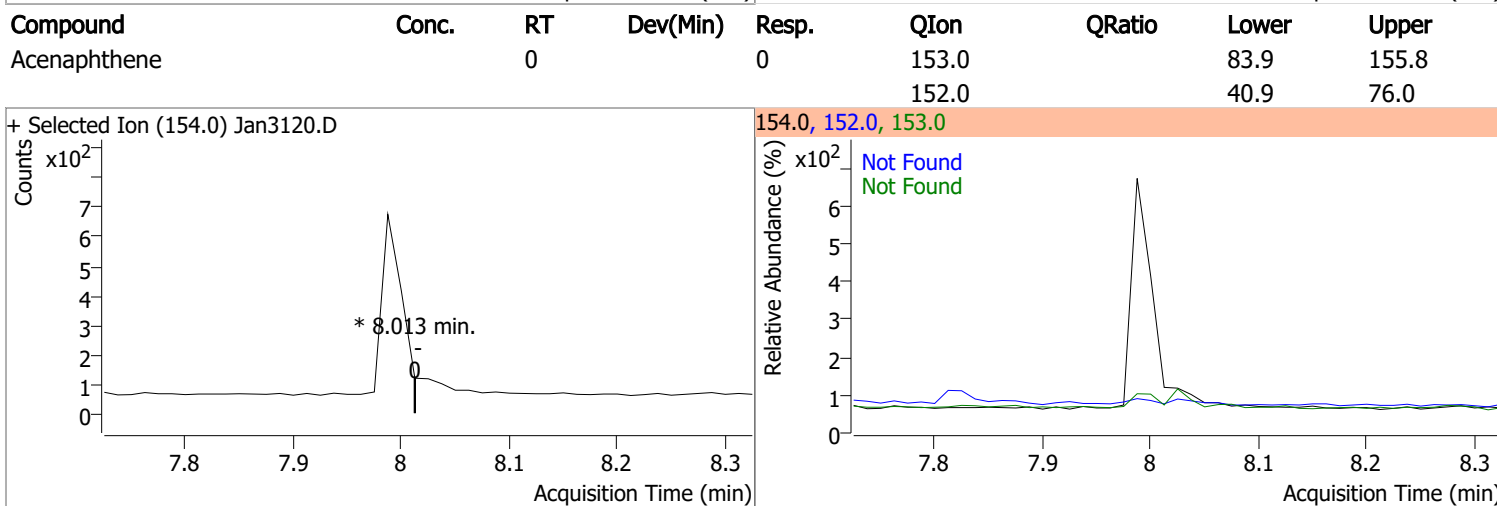
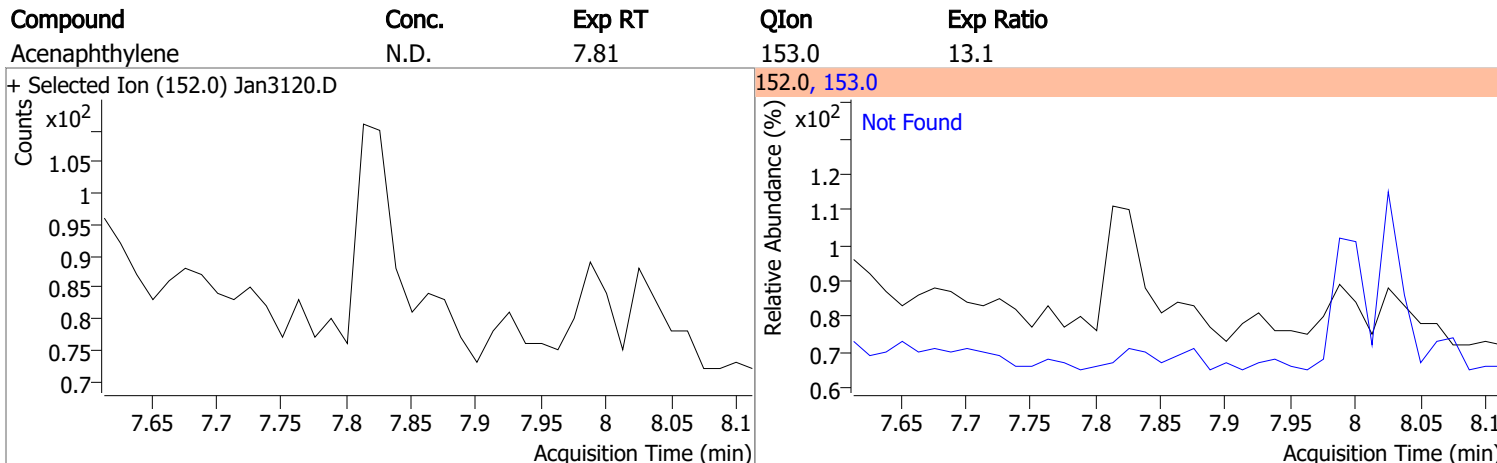
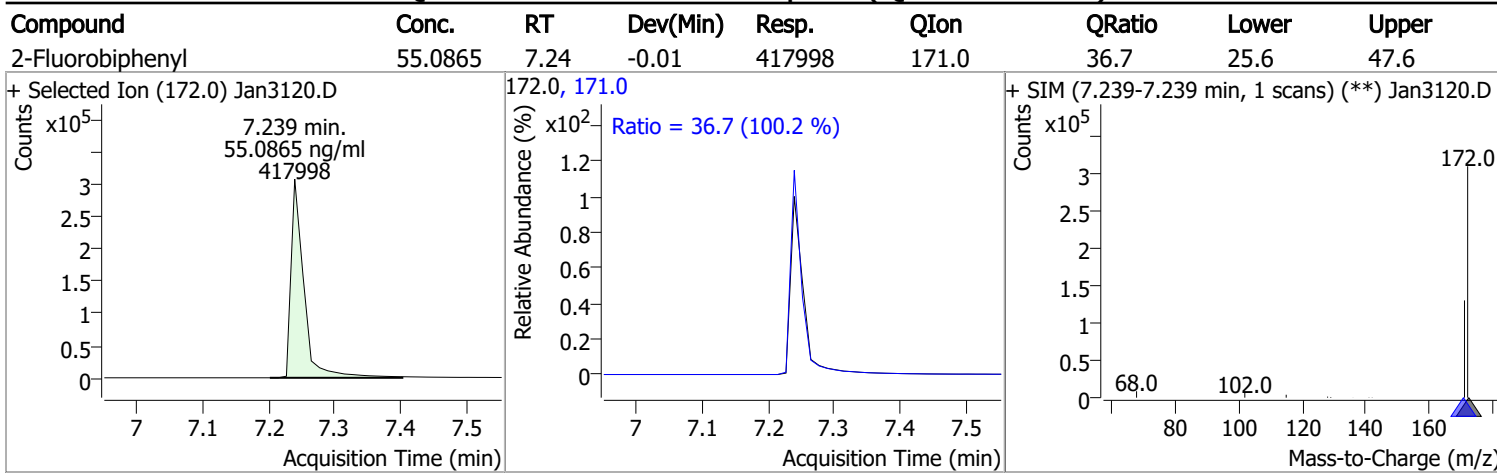
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1



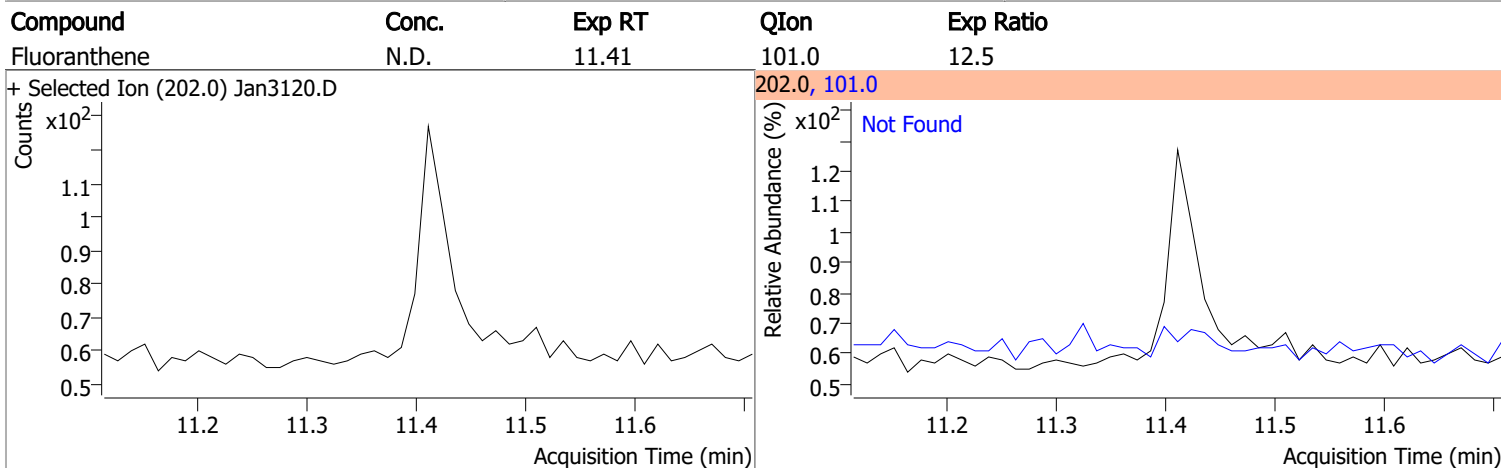
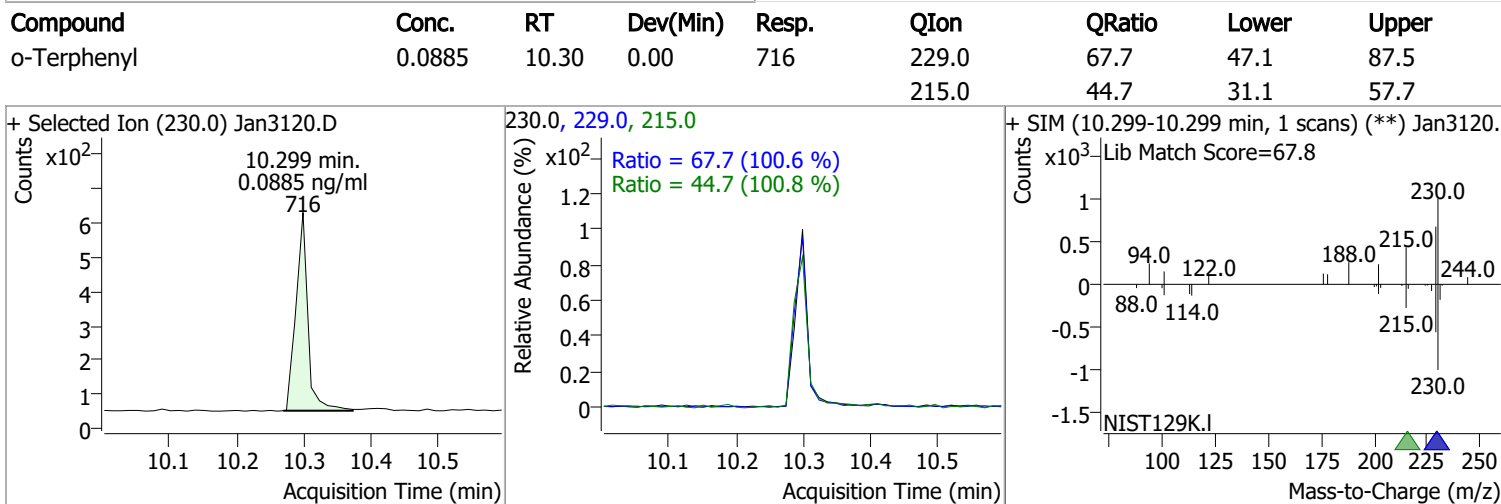
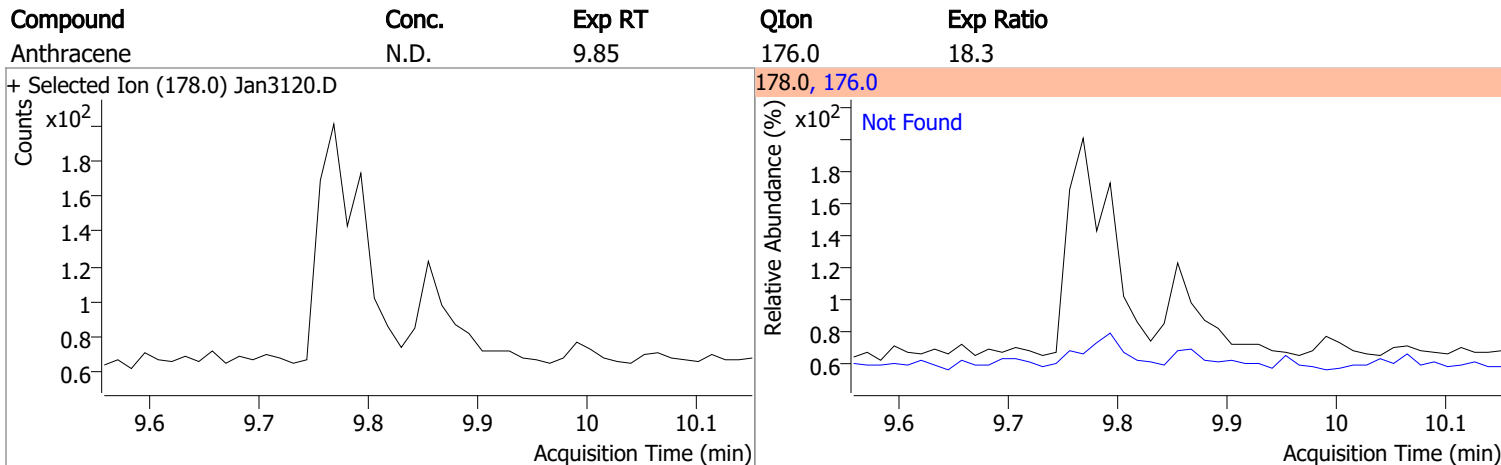
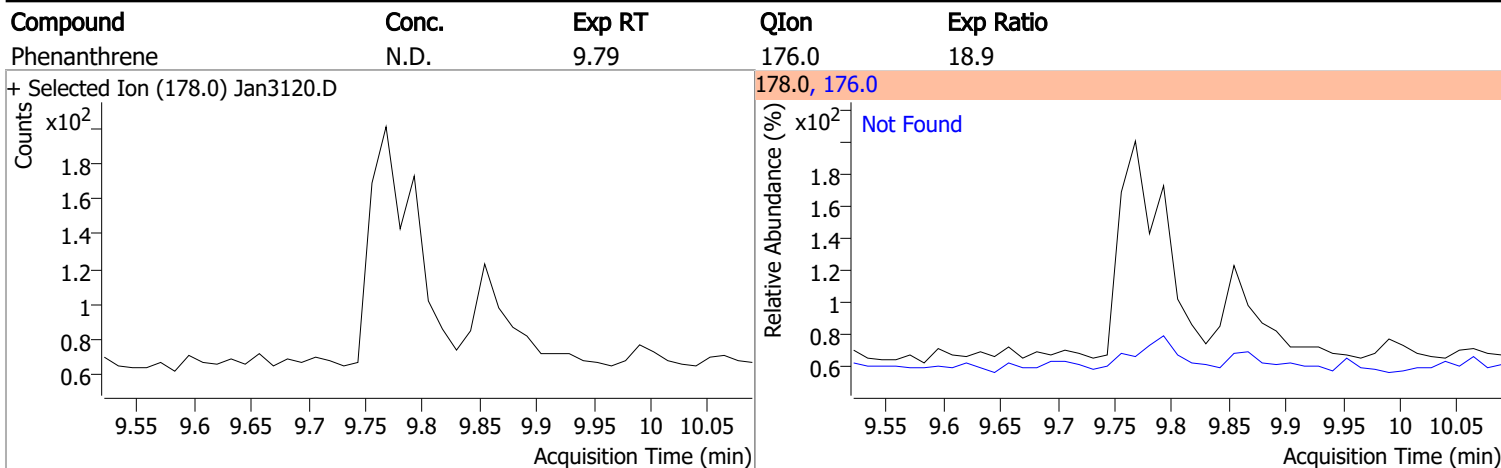
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3



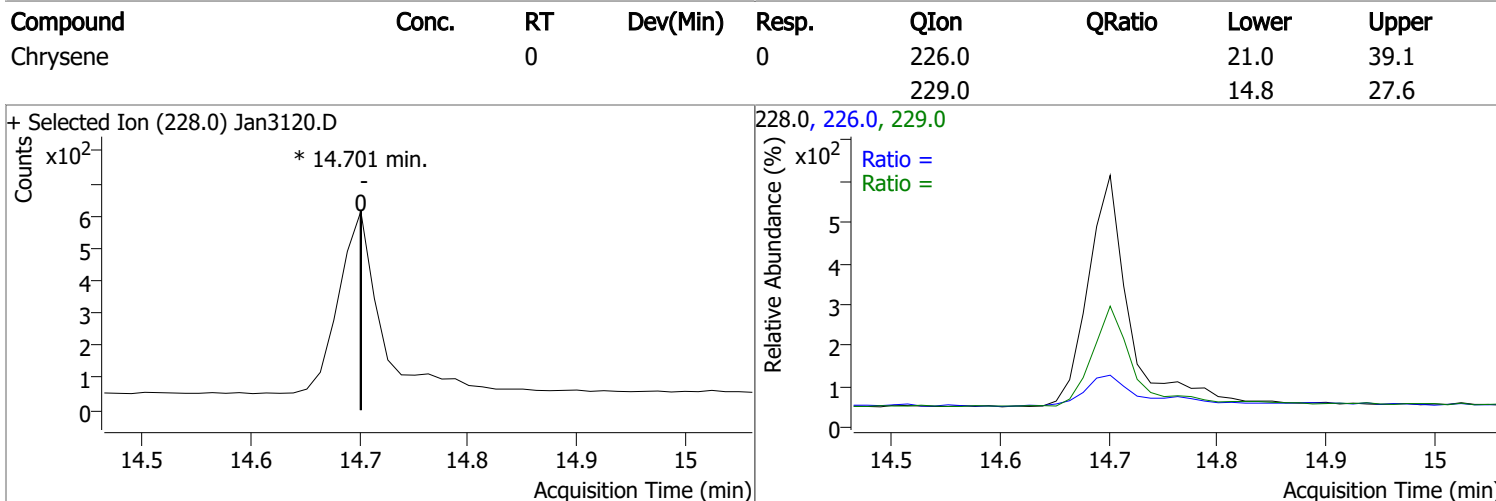
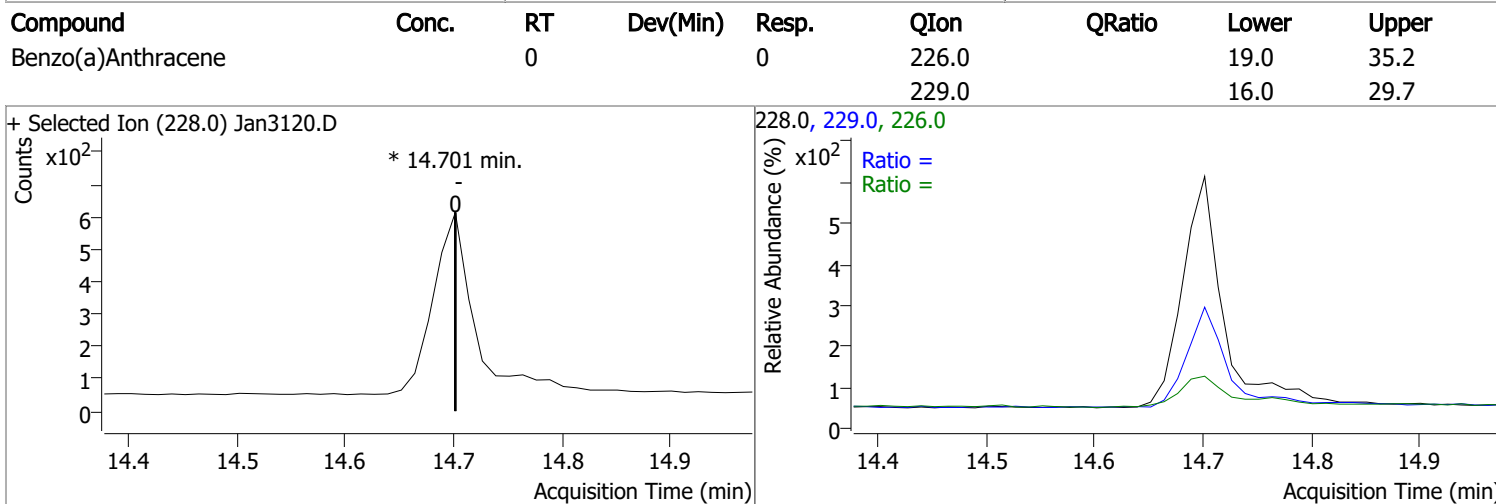
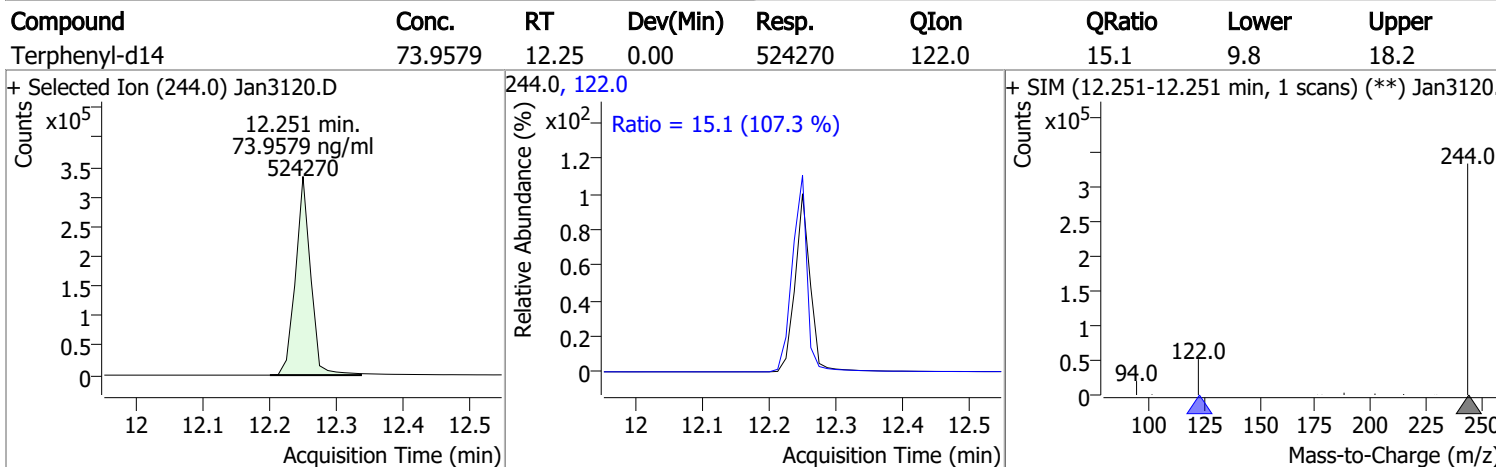
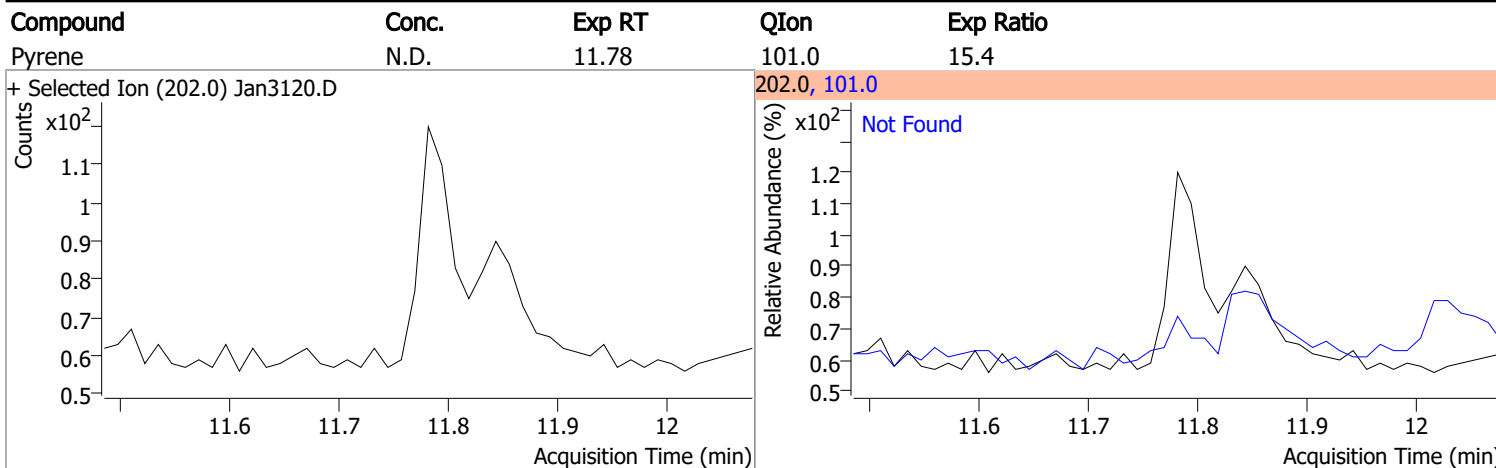
# Quantitation Results Report (QT Reviewed)



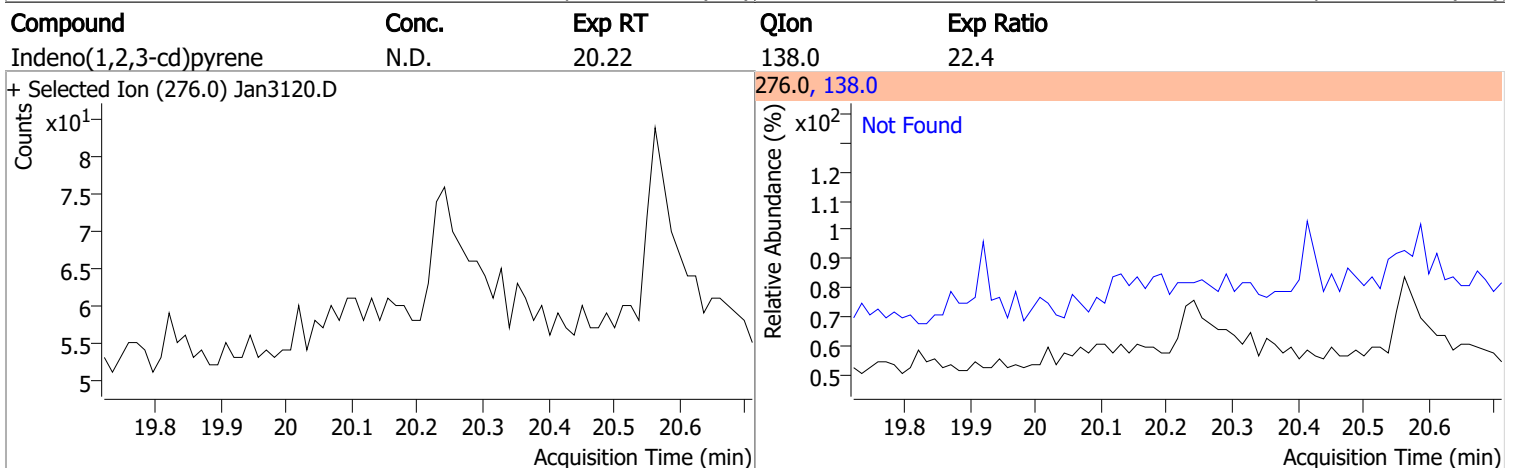
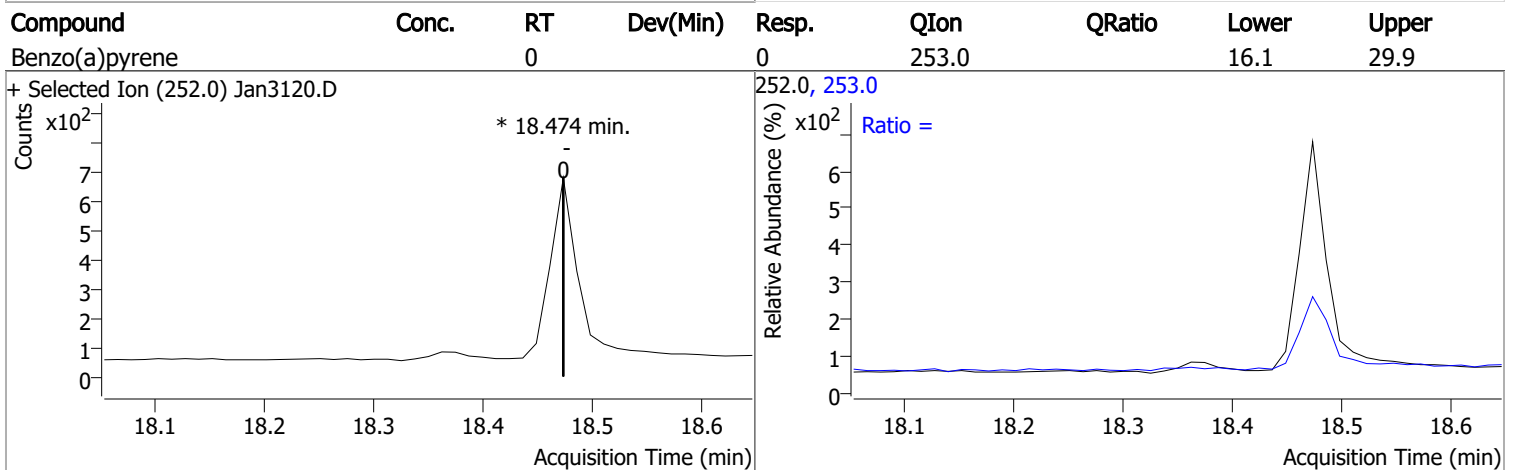
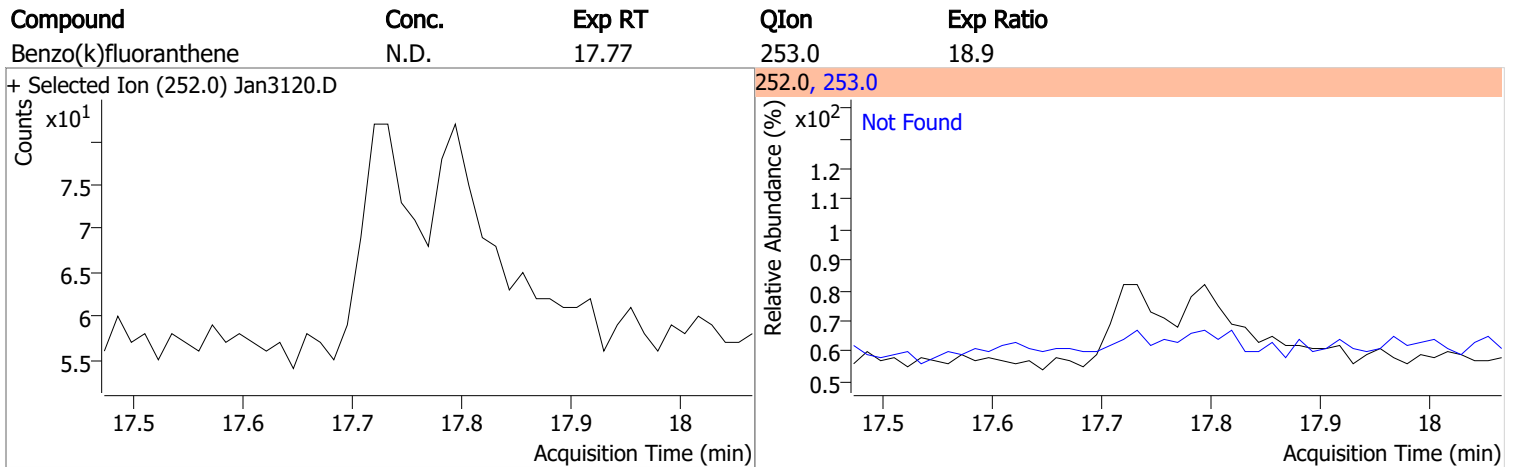
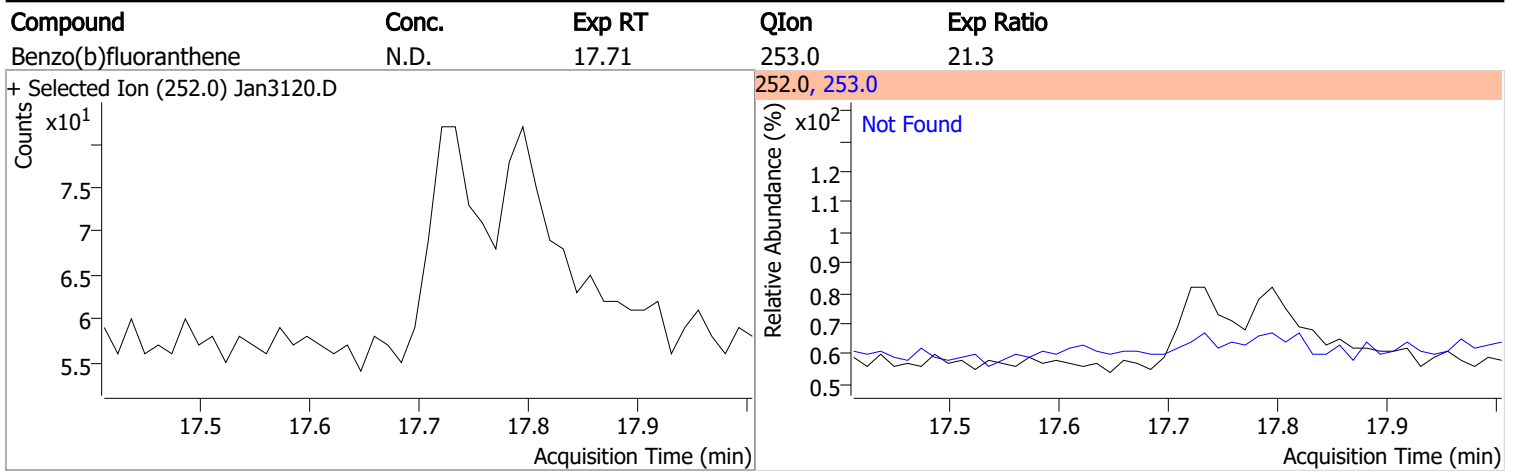
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)



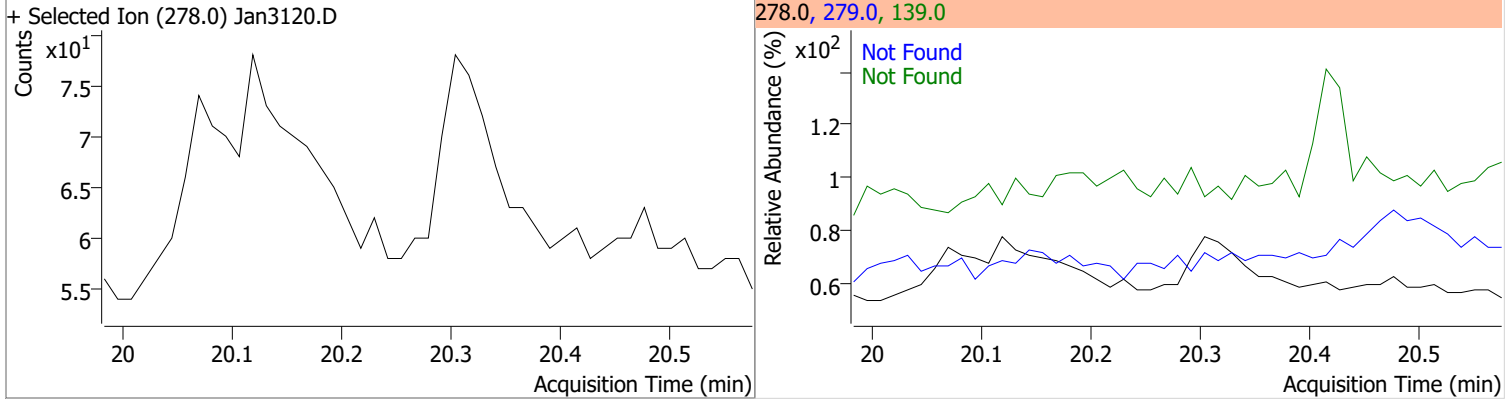
# Quantitation Results Report (QT Reviewed)



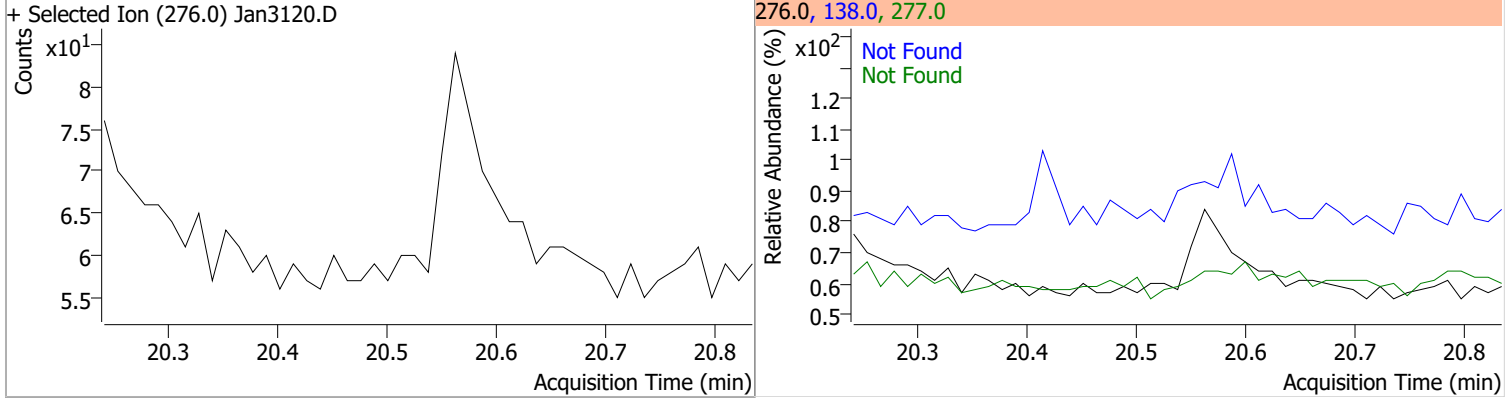


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.28	279.0	24.9	139.0	17.5



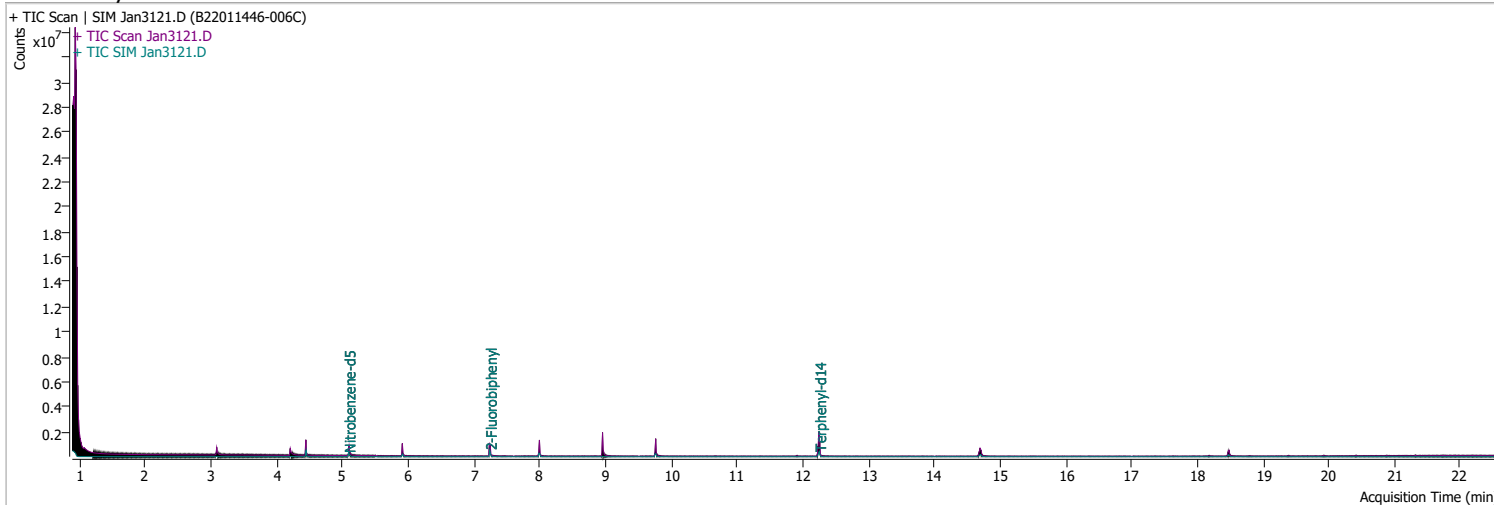
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.54	277.0	24.8	138.0	20.5



# Quantitation Results Report (QT Reviewed)

Data File	Jan3121.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/31/2022 10:45:59 PM
Sample Name	B22011446-006C	Instrument	GCMS
Vial	14	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)	
<b>Internal Standards</b>							
M 1,4-Dichlorobenzene-d4	4.447	152.0	147094	40.0000	ng/ml	-0.013	
M Naphthalene-d8	5.916	136.0	239380	40.0000	ng/ml	0.000	
M Acenaphthene-d10	8.000	164.0	163577	40.0000	ng/ml	0.000	
M Phenanthrene-d10	9.768	188.0	351405	40.0000	ng/ml	0.000	
M Chrysene-d12	14.701	240.0	284334	40.0000	ng/ml	0.000	
M Perylene-d12	18.474	264.0	190617	40.0000	ng/ml	0.000	
<b>System Monitoring Compounds</b>							
S Nitrobenzene-d5	5.093	82.0	328551	39.4616	ng/ml	#	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 789.23%		*	
S 2-Fluorobiphenyl	7.239	172.0	440974	59.4202	ng/ml		-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1188.40%		*	
S o-Terphenyl	0.000		0	N.D.			
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%			
S Terphenyl-d14	12.250	244.0	528453	75.5141	ng/ml		0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1510.28%		*	
<b>Target Compounds</b>							
T Naphthalene	0.000		0	N.D.			
T 2-Methylnaphthalene	0.000		0	N.D.			
T 1-Methylnaphthalene	0.000		0	N.D.			
T Acenaphthylene	0.000		0	N.D.			
T Acenaphthene	8.025	154.0	0		ng/ml	md	1
T Fluorene	8.960	166.0	0		ng/ml	md	1
T Phenanthrene	0.000		0	N.D.			
T Anthracene	0.000		0	N.D.			
T Fluoranthene	0.000		0	N.D.			
T Pyrene	0.000		0	N.D.			
T Benzo(a)Anthracene	14.701	228.0	0		ng/ml	md	1
T Chrysene	14.751	228.0	0		ng/ml	md	1
T Benzo(b)fluoranthene	0.000		0	N.D.			

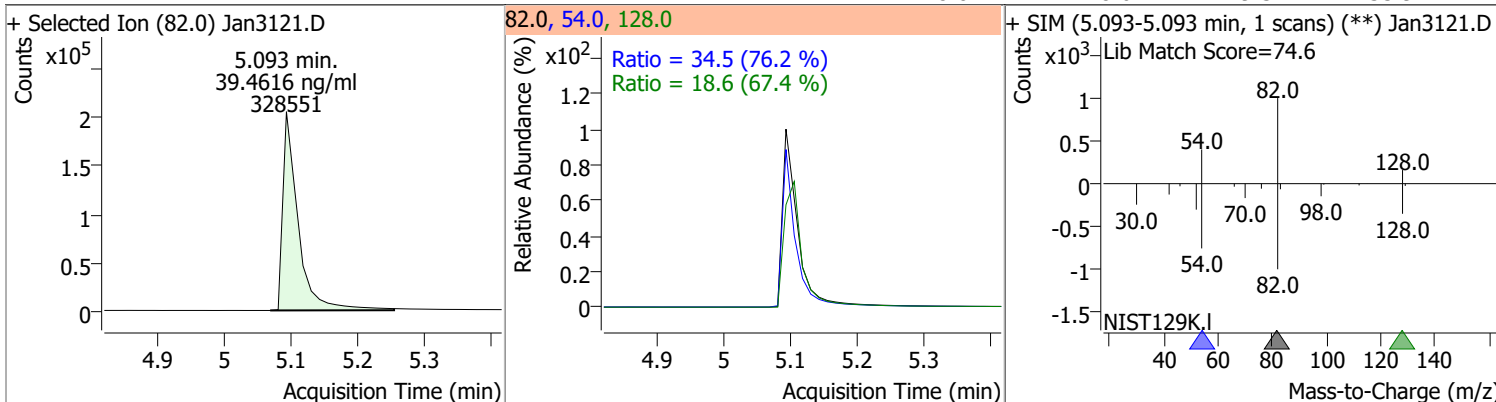
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.474	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

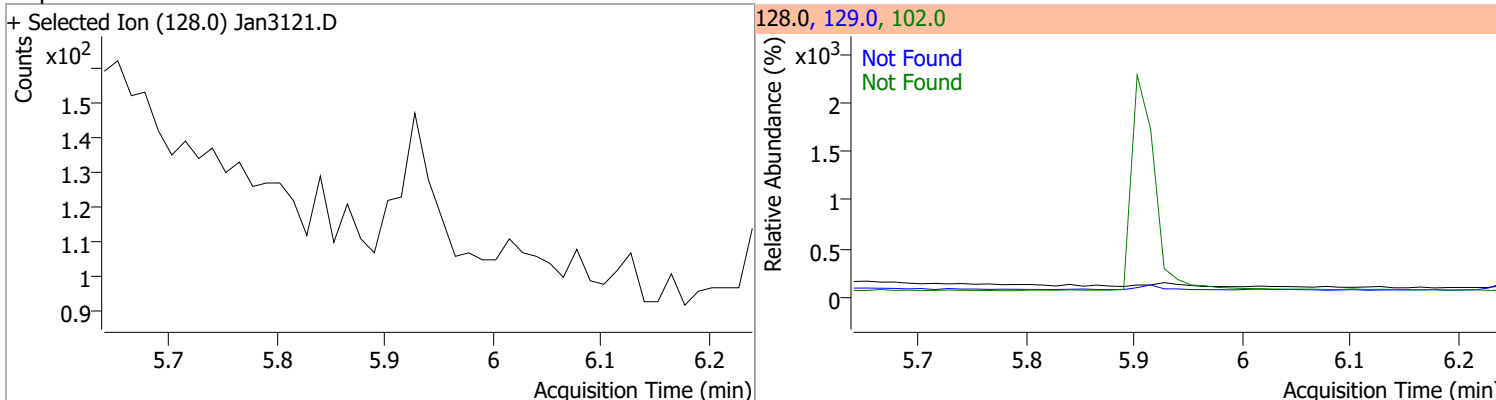
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

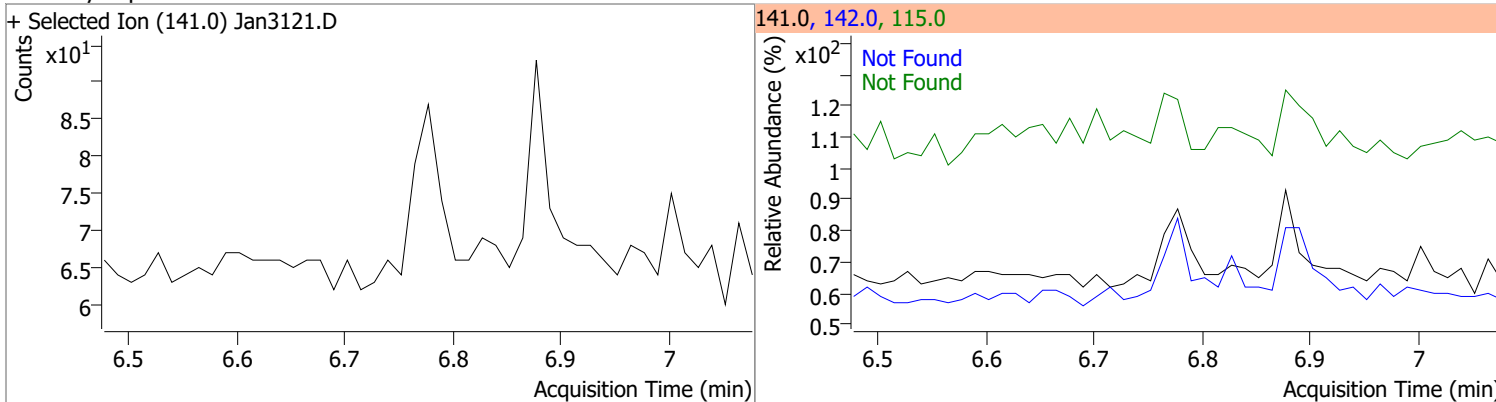
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	39.4616	5.09	-0.03	328551	54.0	34.5	31.6	58.8
					128.0	18.6	19.3	35.9



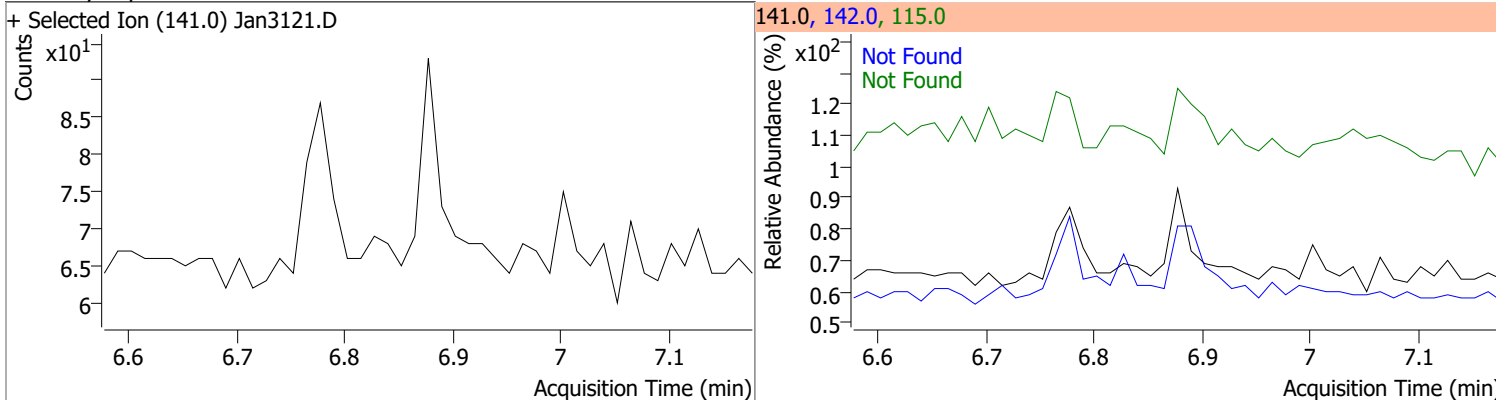
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



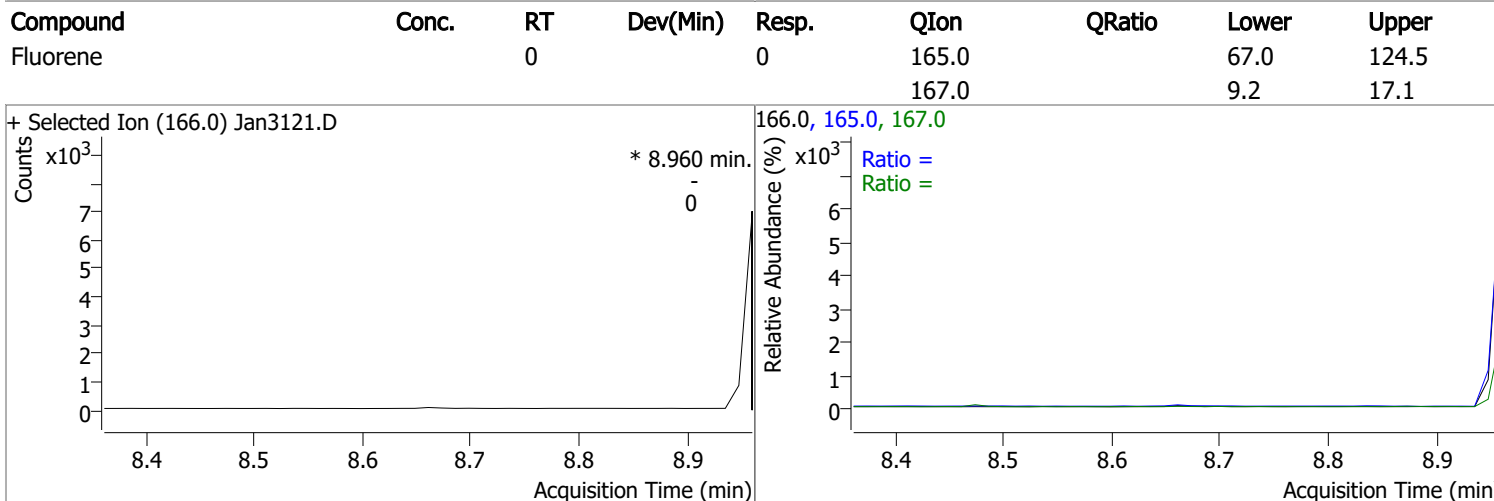
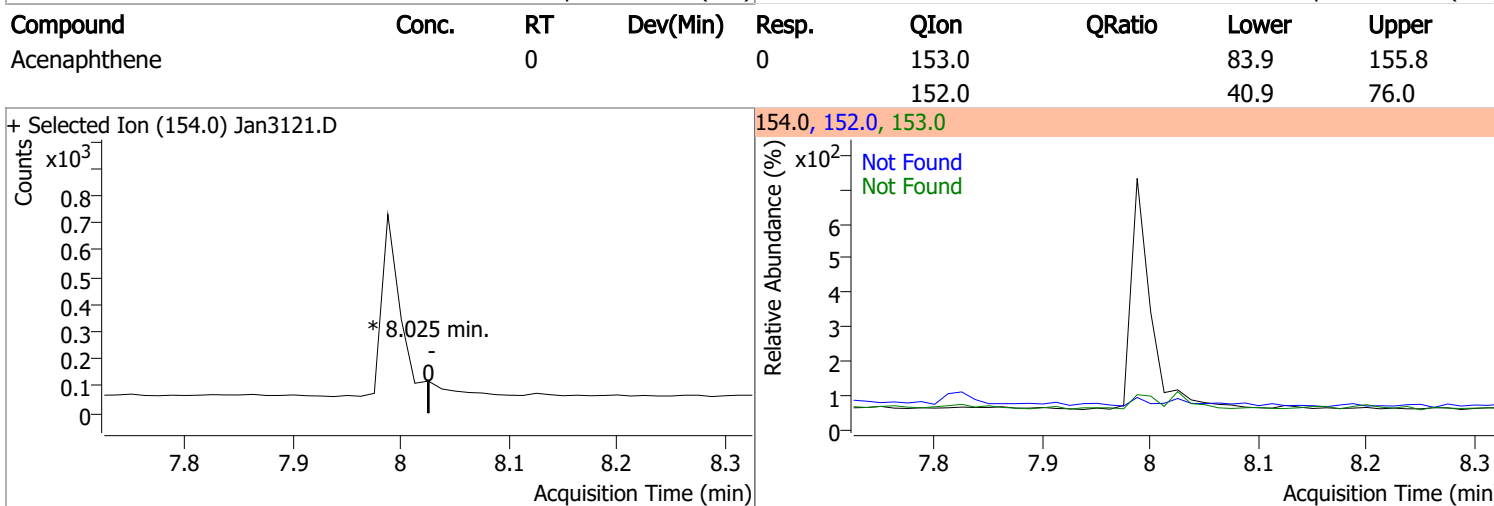
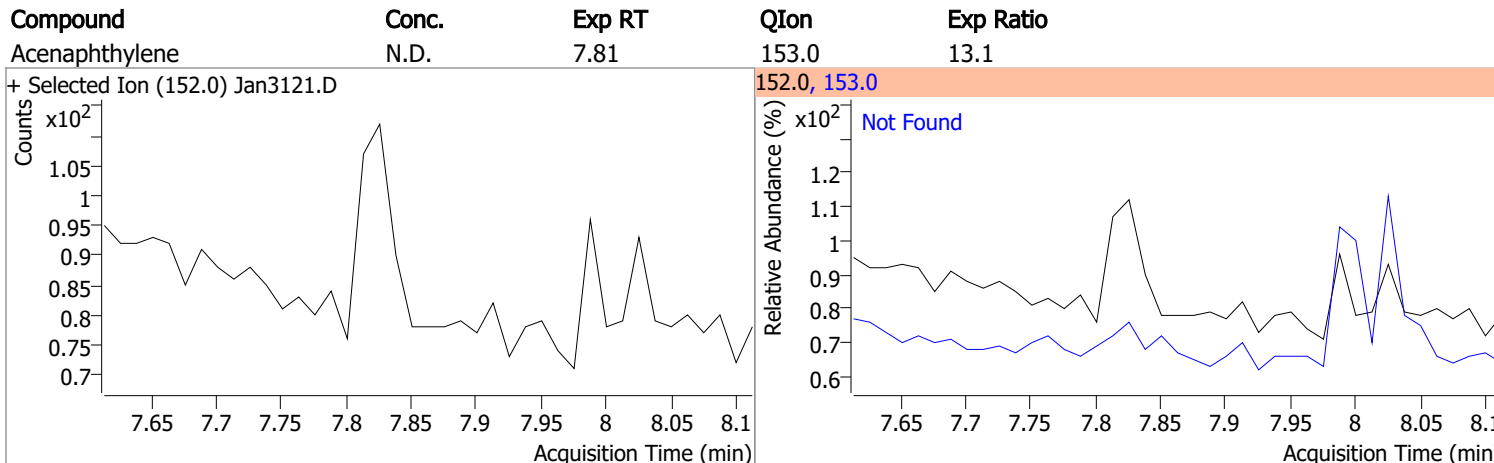
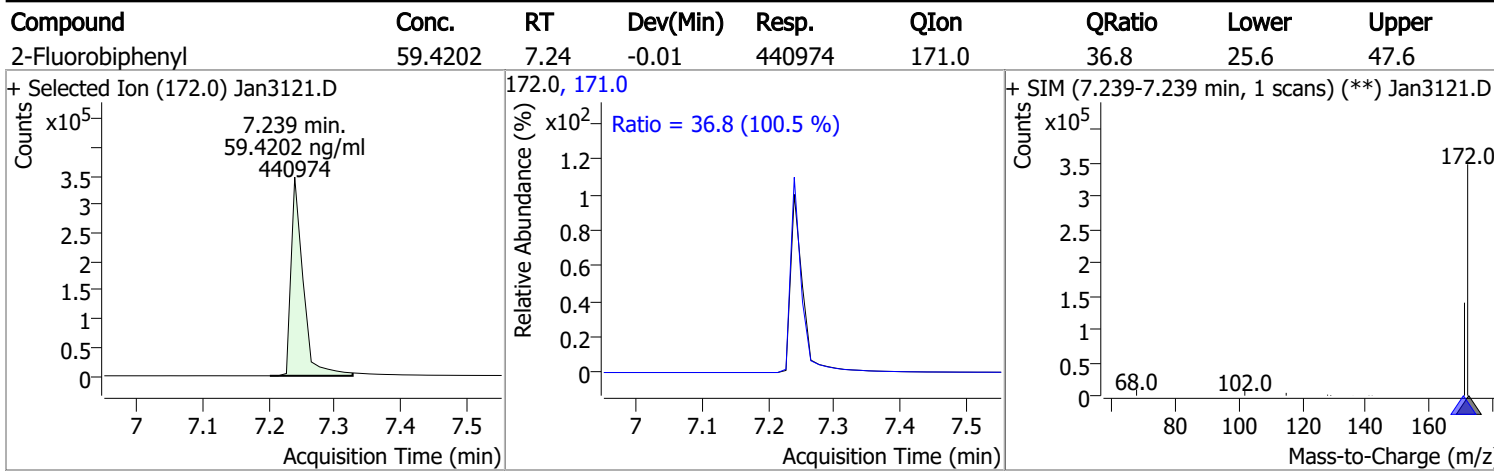
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1



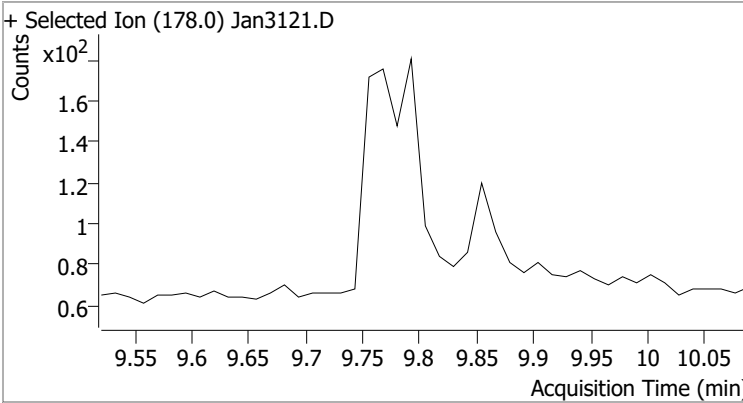
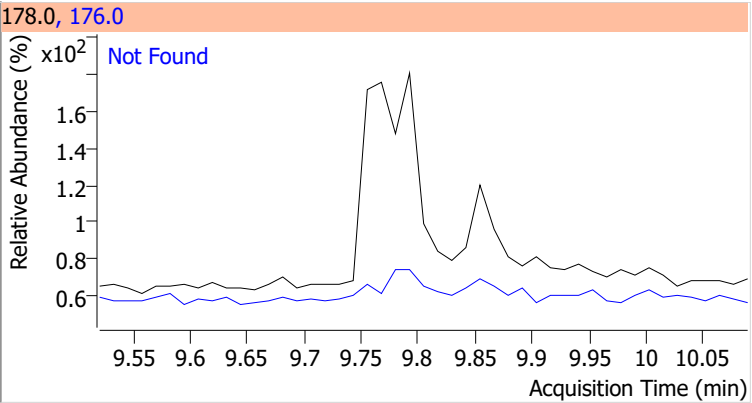
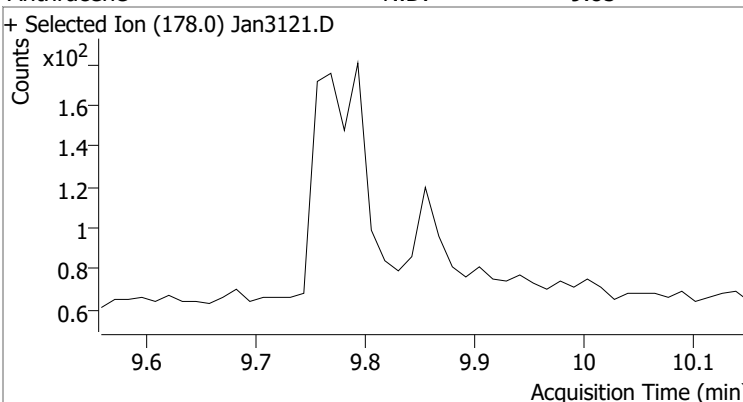
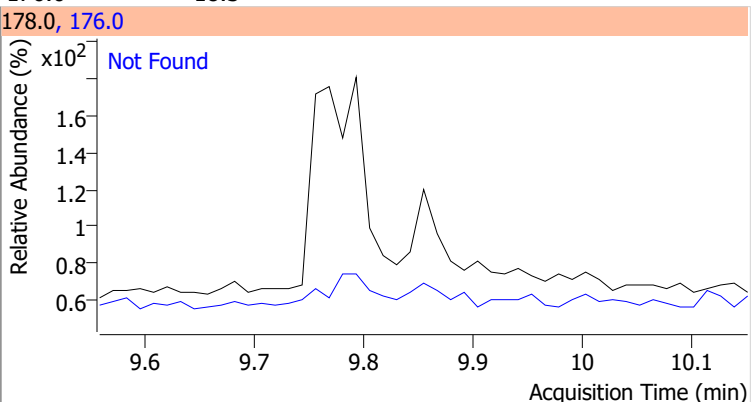
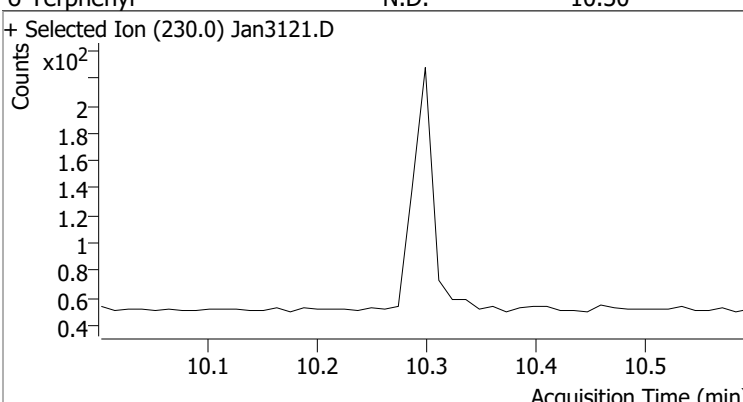
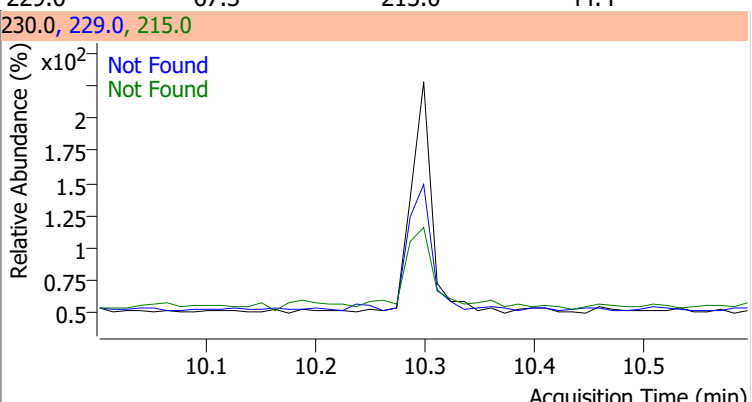
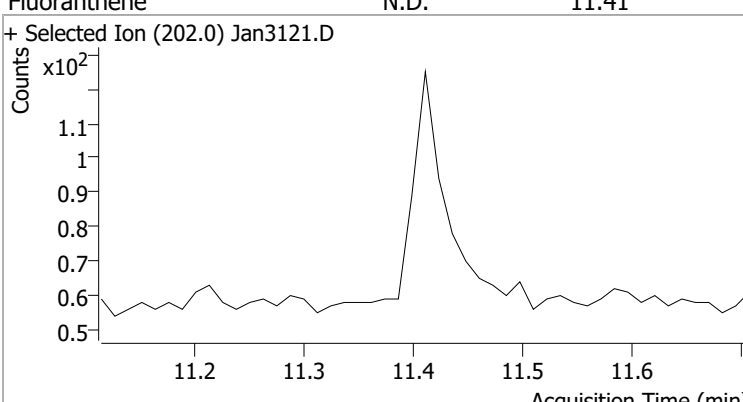
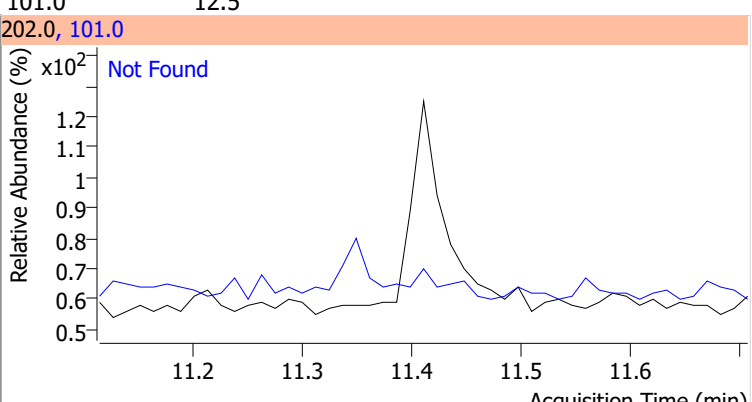
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3



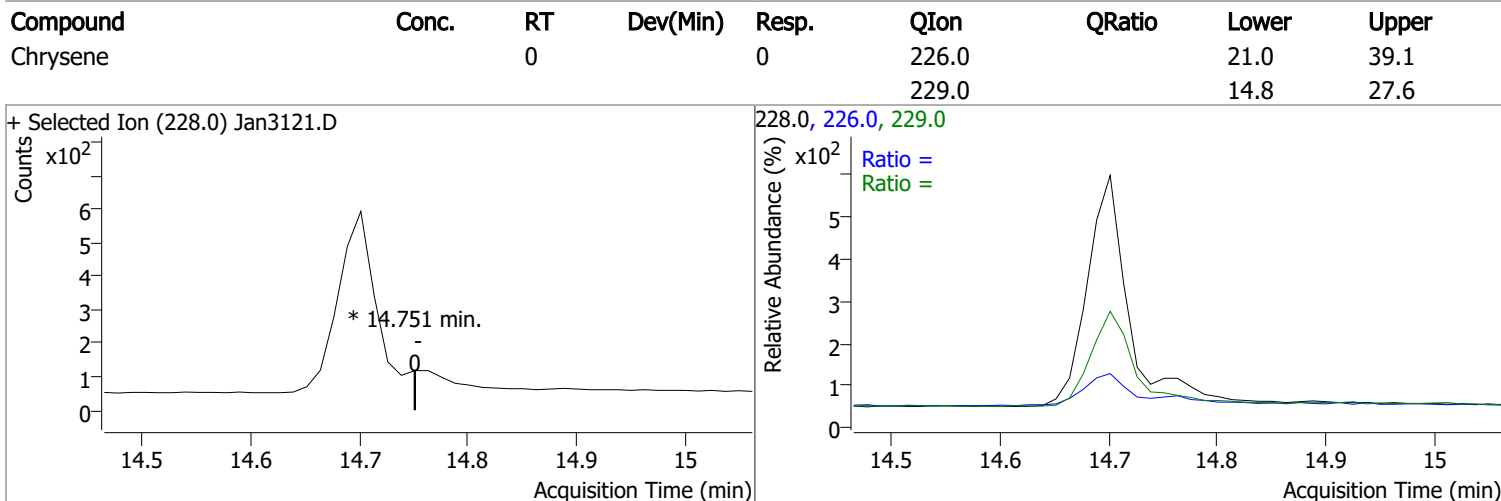
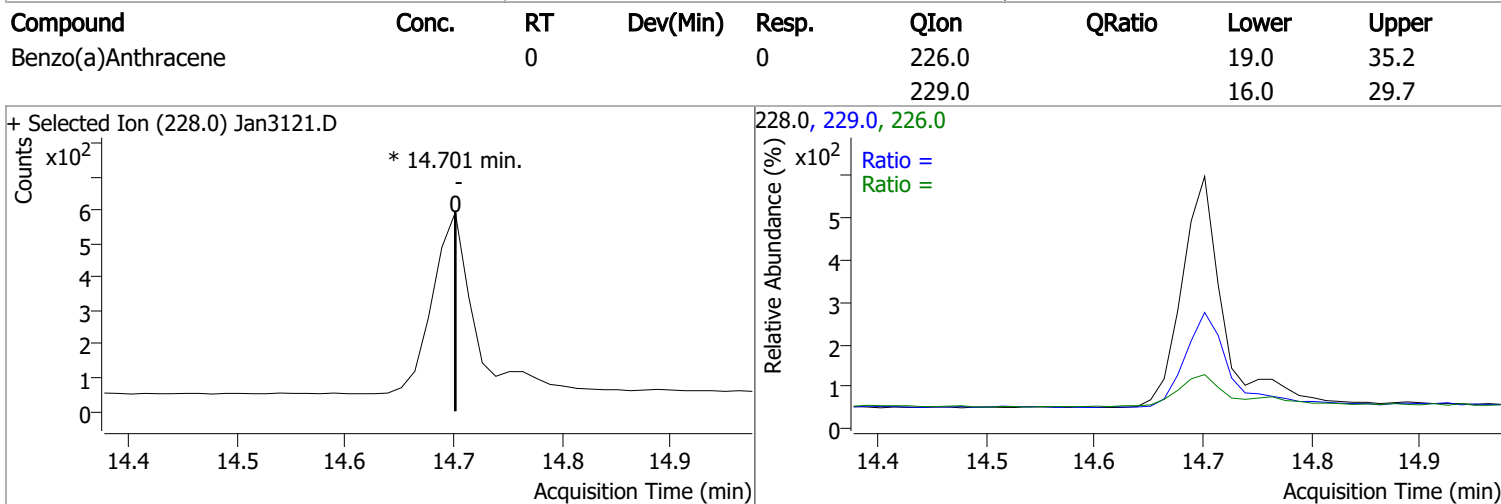
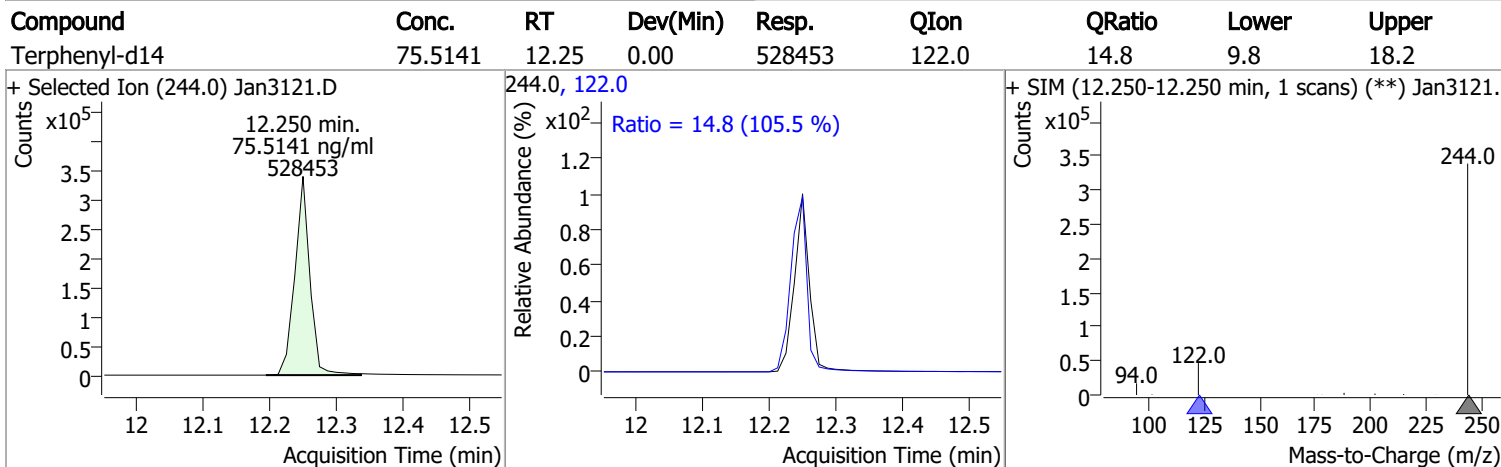
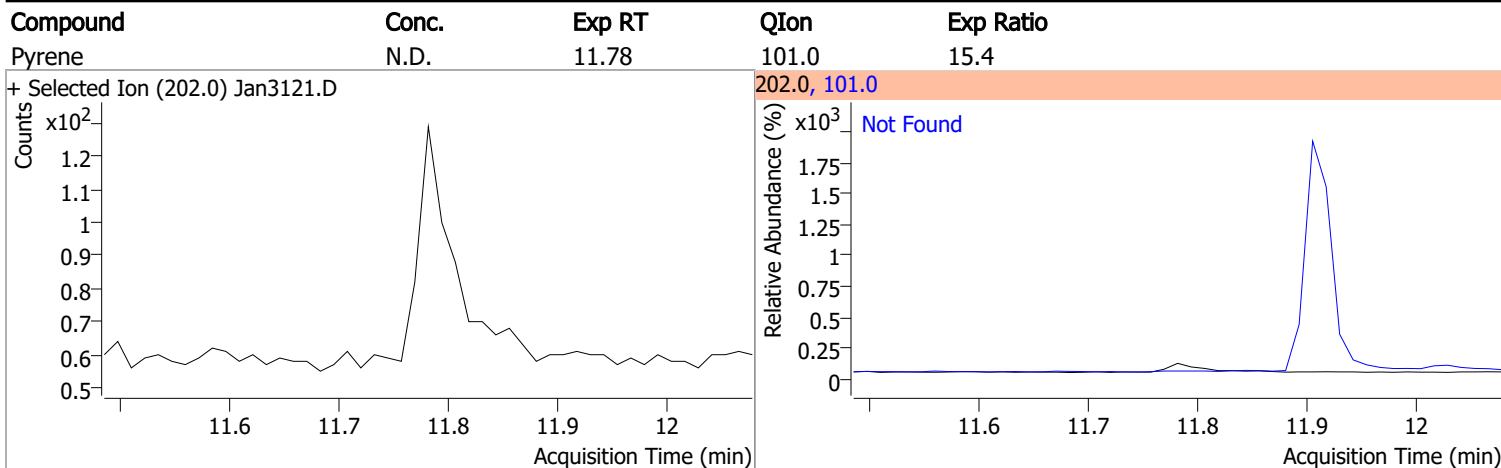
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

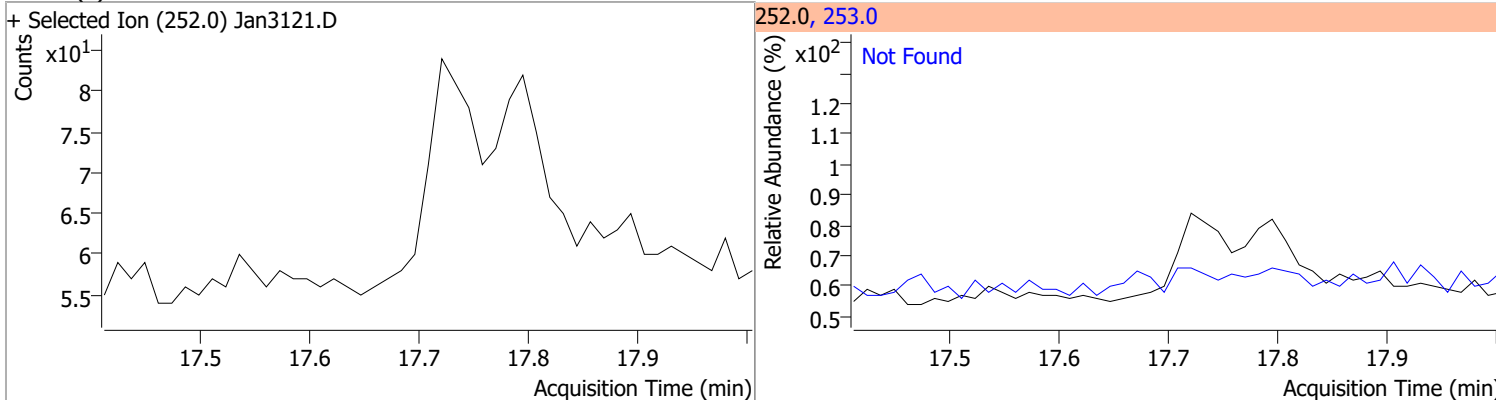
Compound	Conc.	Exp RT	QIon	Exp Ratio		
Phenanthrene	N.D.	9.79	176.0	18.9		
+ Selected Ion (178.0) Jan3121.D 			178.0, 176.0 			
Anthracene	N.D.	9.85	176.0	18.3		
+ Selected Ion (178.0) Jan3121.D 			178.0, 176.0 			
o-Terphenyl	N.D.	10.30	229.0	67.3	QIon	Exp Ratio
			215.0	44.4		
+ Selected Ion (230.0) Jan3121.D 			230.0, 229.0, 215.0 			
Fluoranthene	N.D.	11.41	101.0	12.5		
+ Selected Ion (202.0) Jan3121.D 			202.0, 101.0 			

# Quantitation Results Report (QT Reviewed)

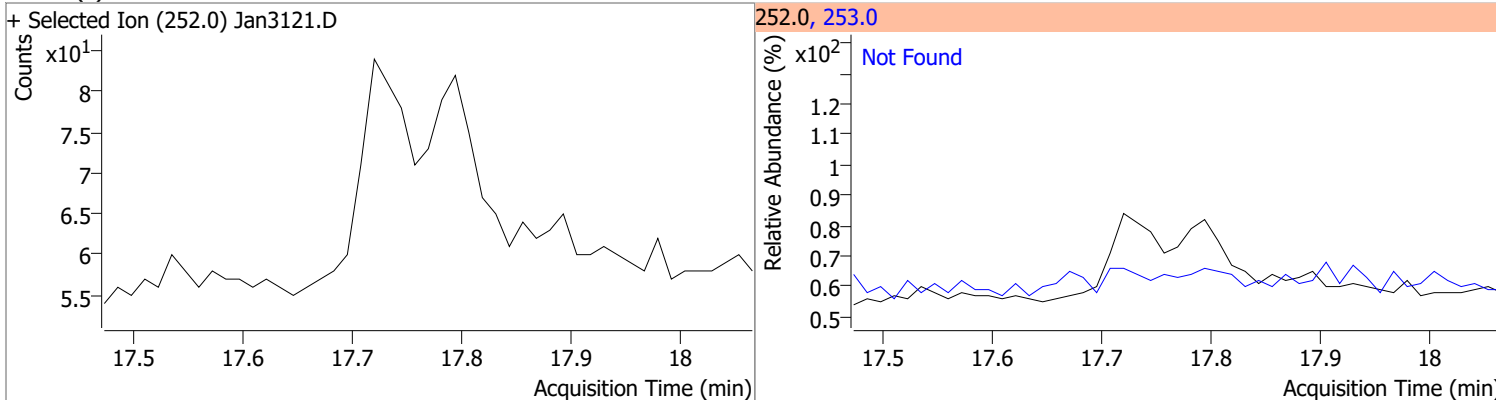


# Quantitation Results Report (QT Reviewed)

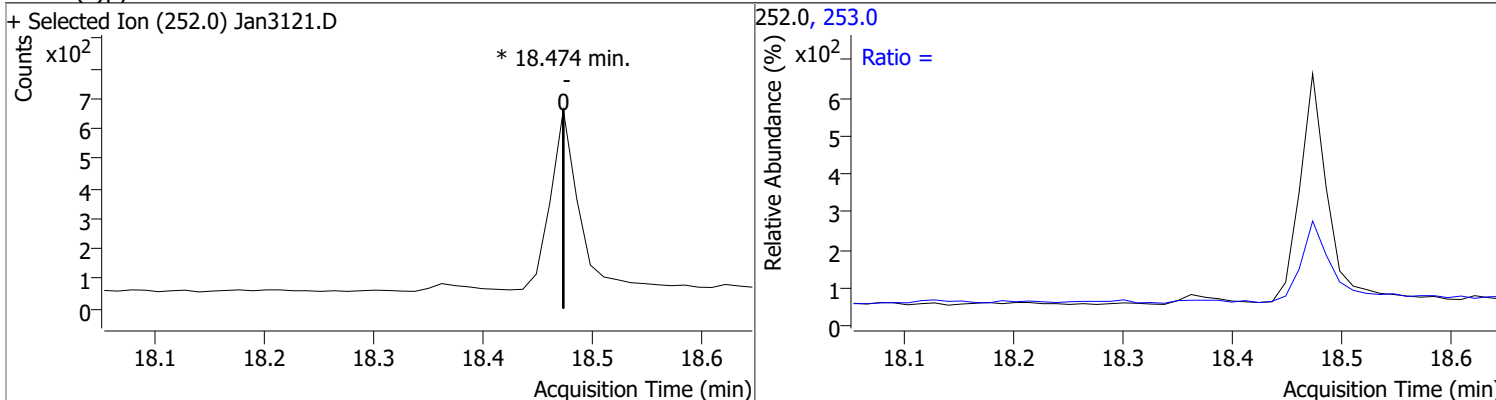
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.71	253.0	21.3



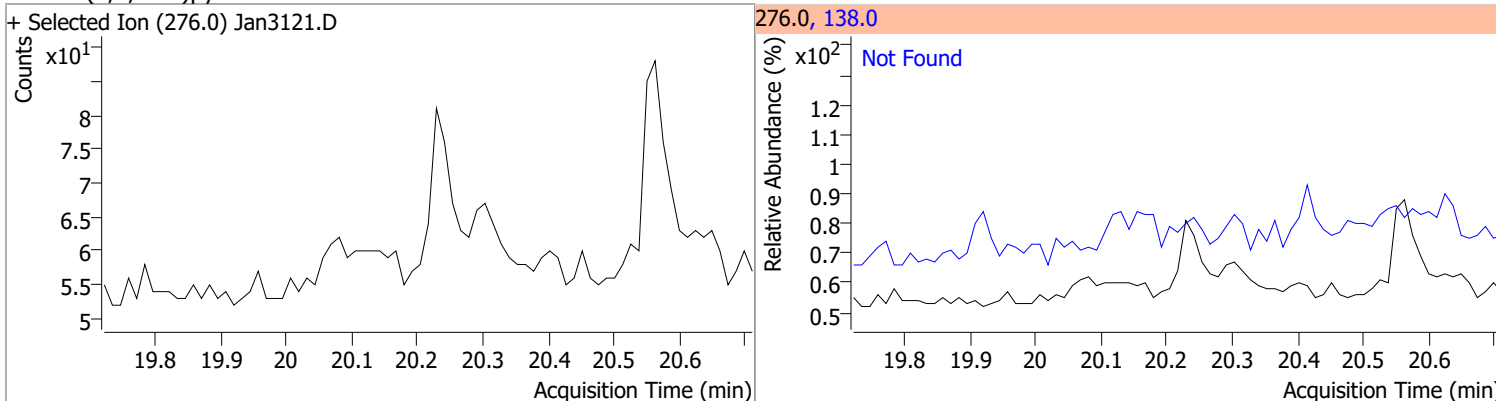
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.77	253.0	18.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.1	29.9



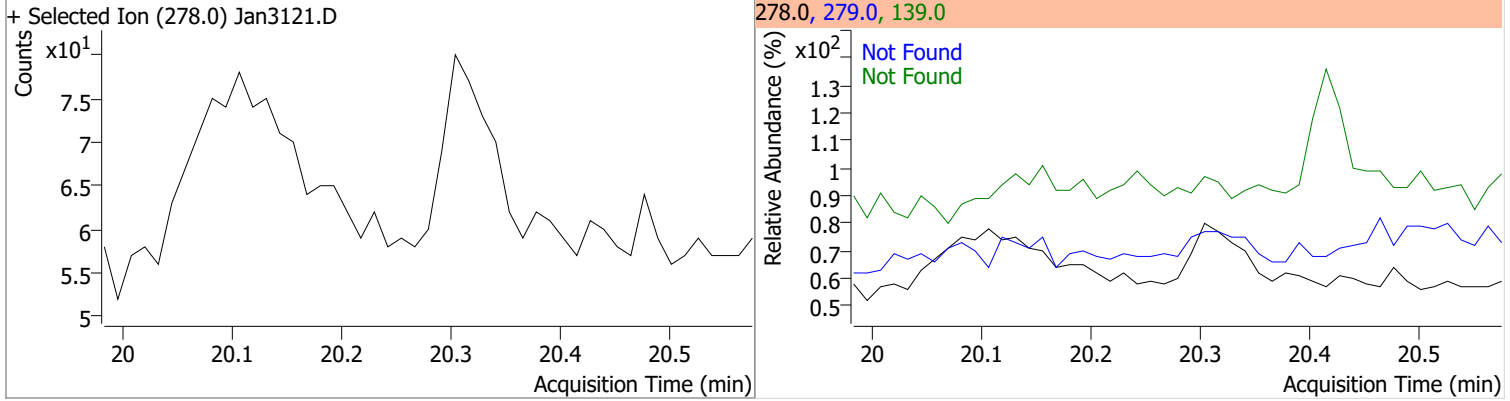
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.22	138.0	22.4



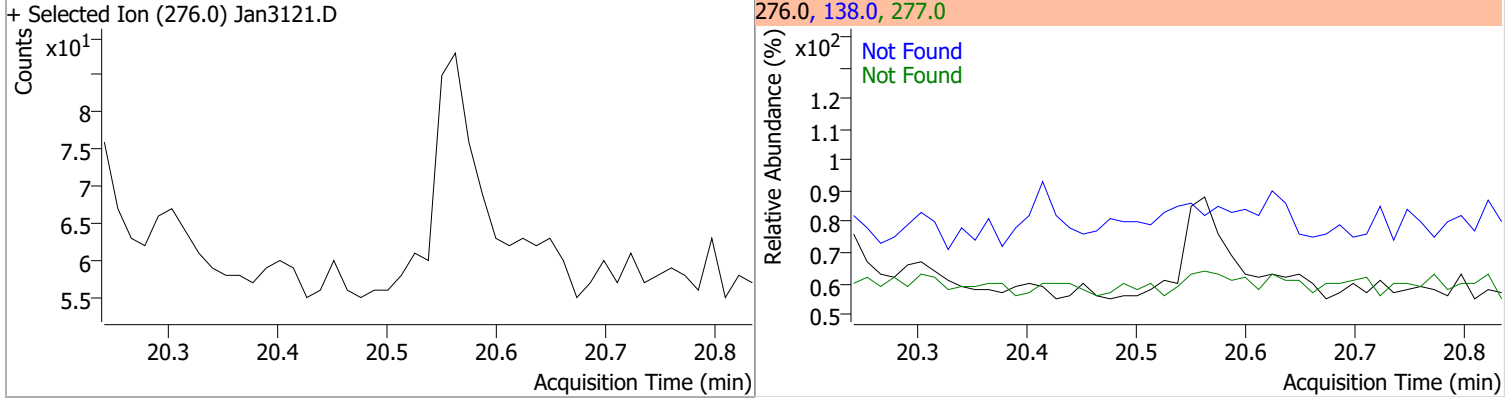


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.28	279.0	24.9	139.0	17.5



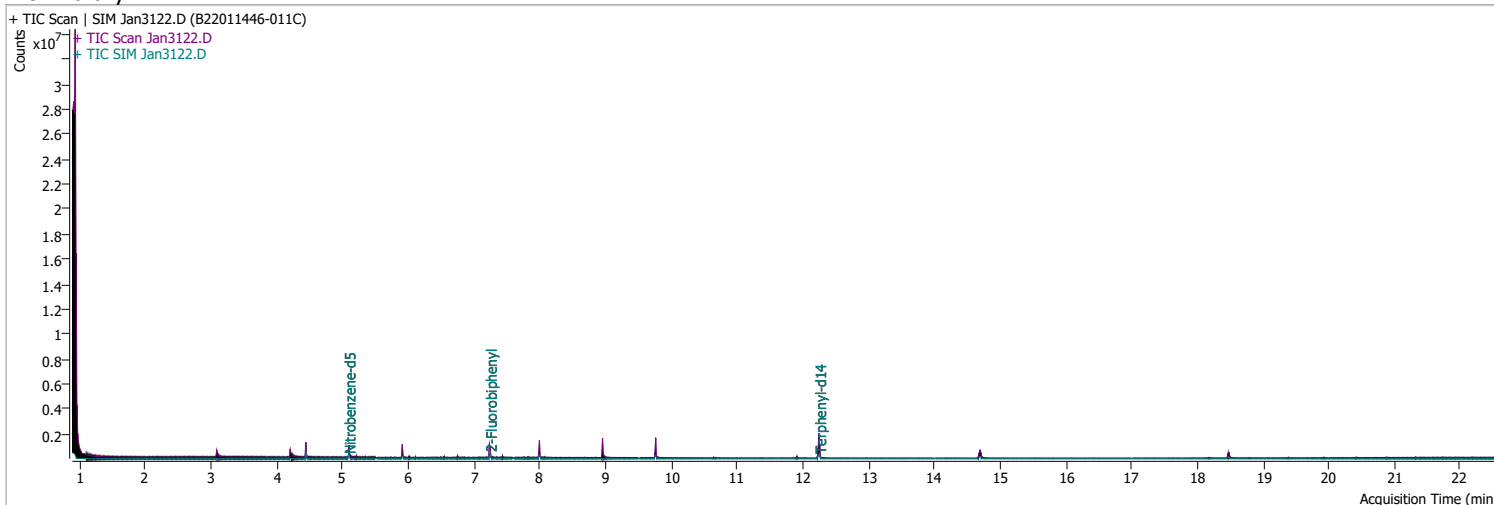
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.54	277.0	24.8	138.0	20.5



# Quantitation Results Report (QT Reviewed)

Data File	Jan3122.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/31/2022 11:18:29 PM
Sample Name	B22011446-011C	Instrument	GCMS
Vial	15	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.447	152.0	137661	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.916	136.0	241095	40.0000	ng/ml	0.000
M Acenaphthene-d10	7.988	164.0	157713	40.0000	ng/ml	-0.013
M Phenanthrene-d10	9.756	188.0	351006	40.0000	ng/ml	-0.012
M Chrysene-d12	14.701	240.0	284286	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	192014	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.093	82.0	308873	39.5708	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 791.42%		*
S 2-Fluorobiphenyl	7.239	172.0	421227	58.9425	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1178.85%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.251	244.0	506527	73.2016	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1464.03%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	7.988	154.0	0		ng/ml	md
T Fluorene	8.960	166.0	0		ng/ml	md
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.701	228.0	0		ng/ml	md
T Chrysene	14.701	228.0	0		ng/ml	md
T Benzo(b)fluoranthene	0.000		0	N.D.		

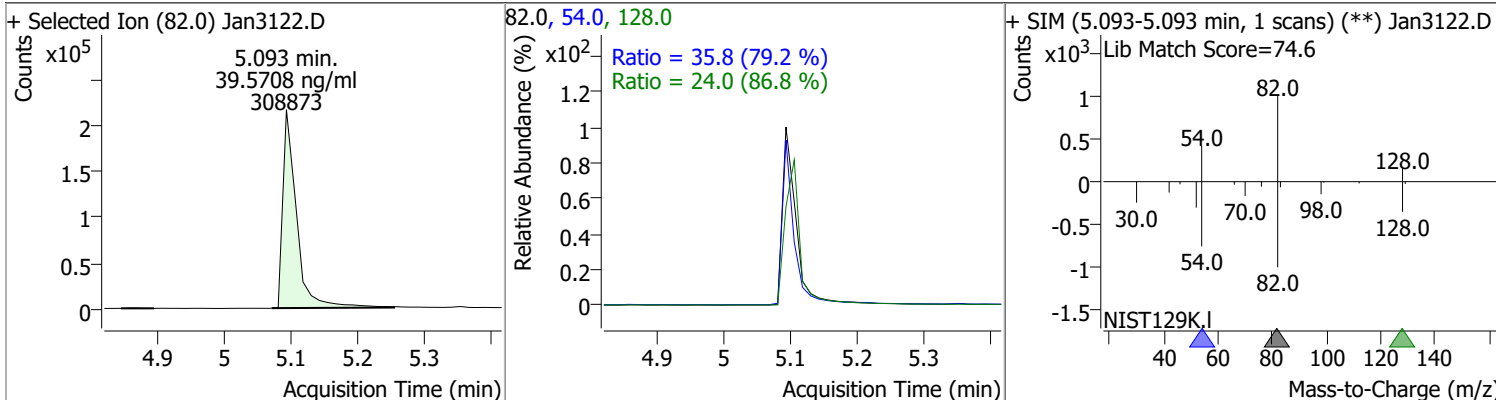
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.475	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

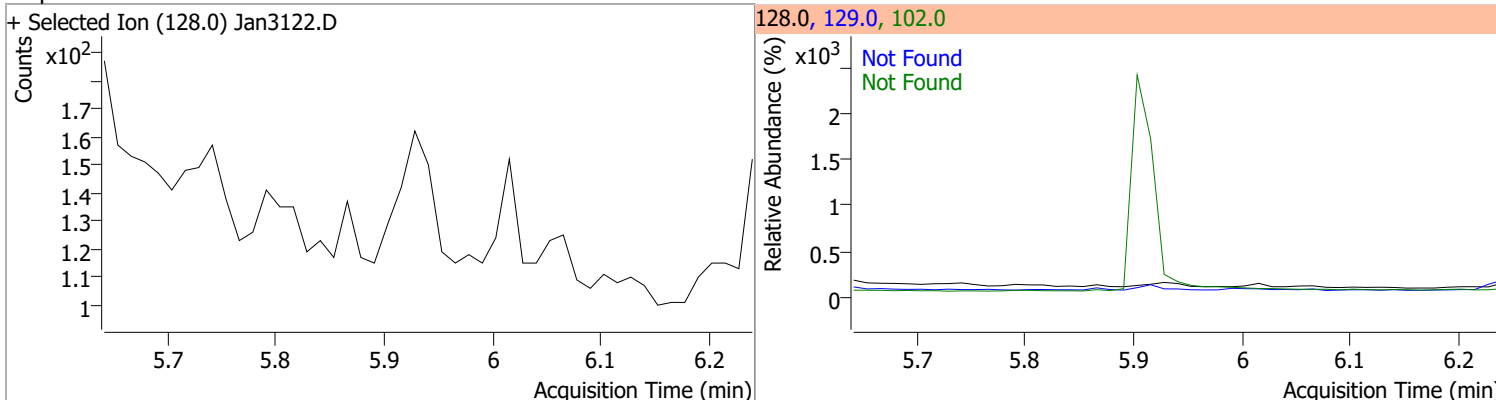
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

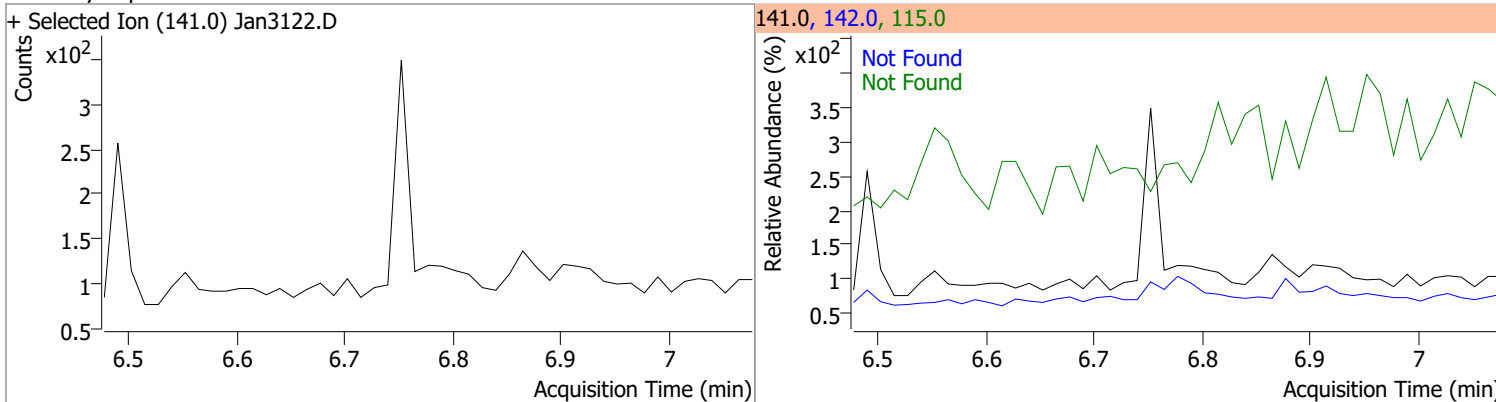
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	39.5708	5.09	-0.02	308873	54.0	35.8	31.6	58.8
					128.0	24.0	19.3	35.9



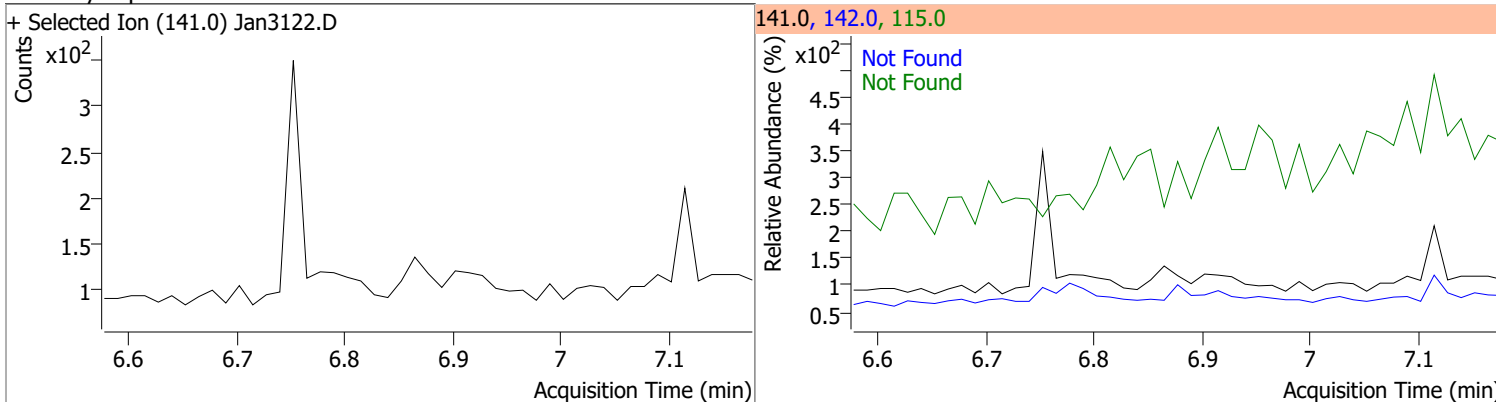
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



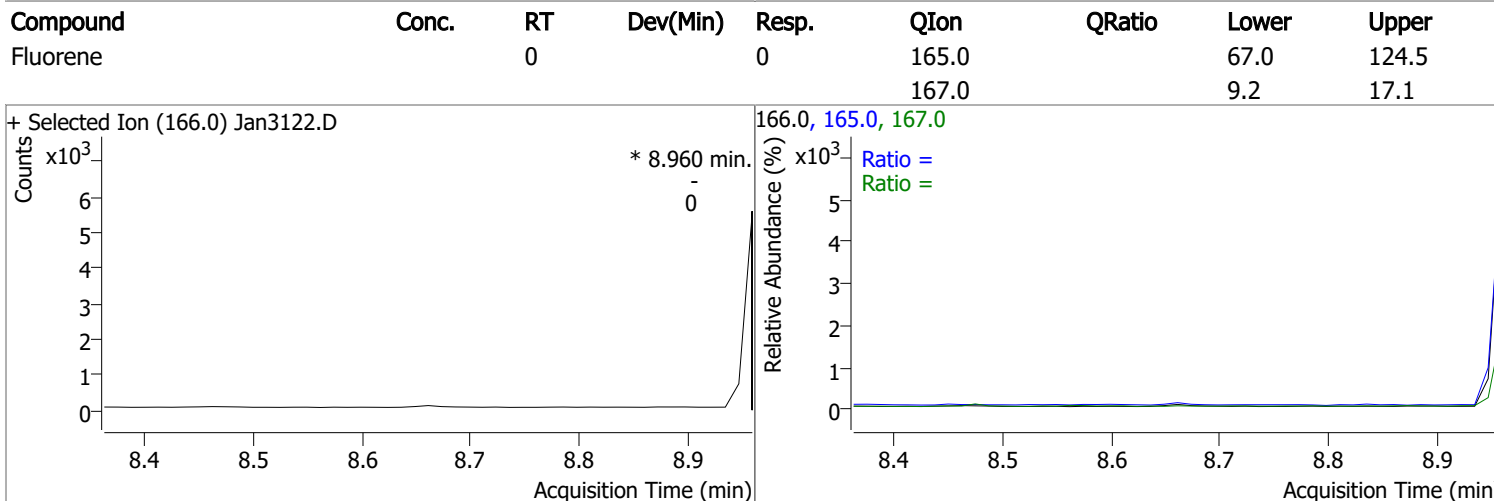
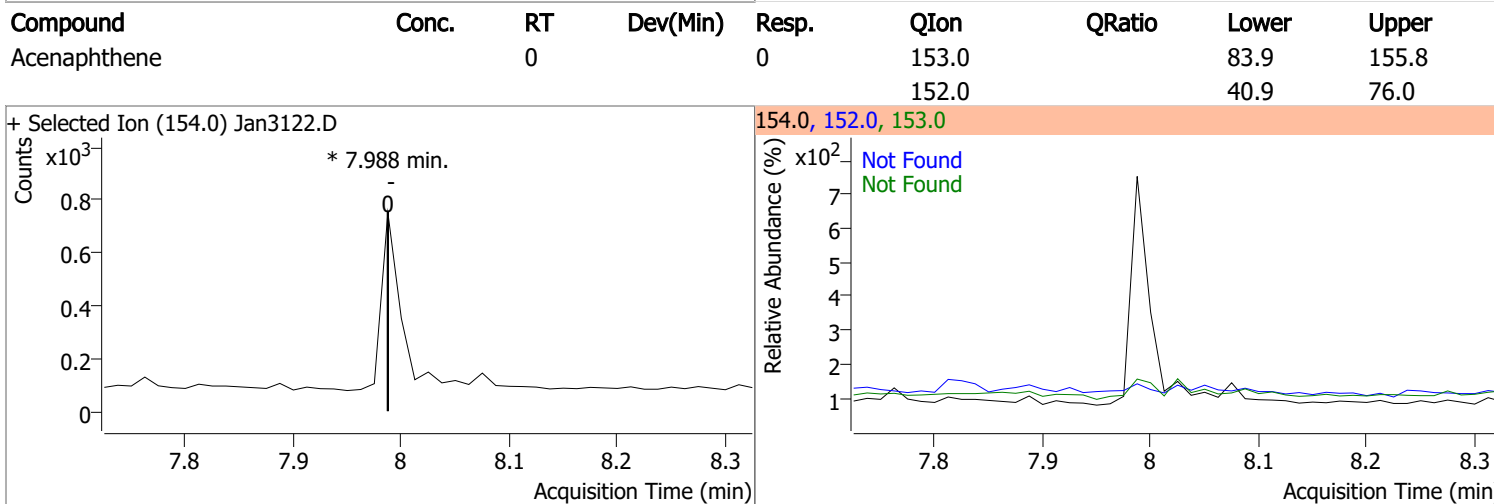
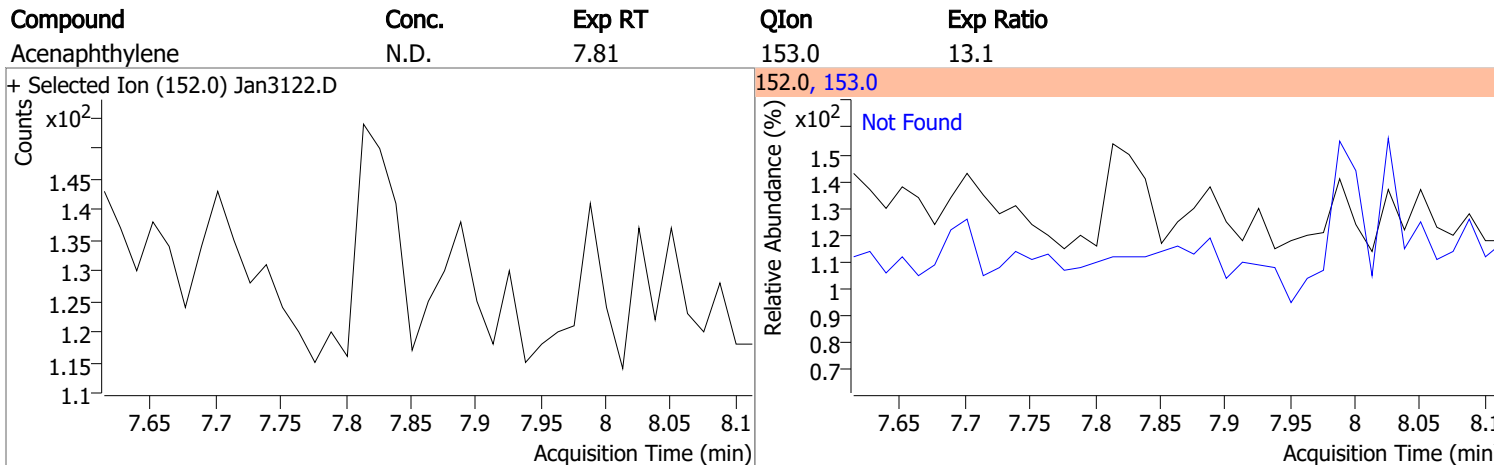
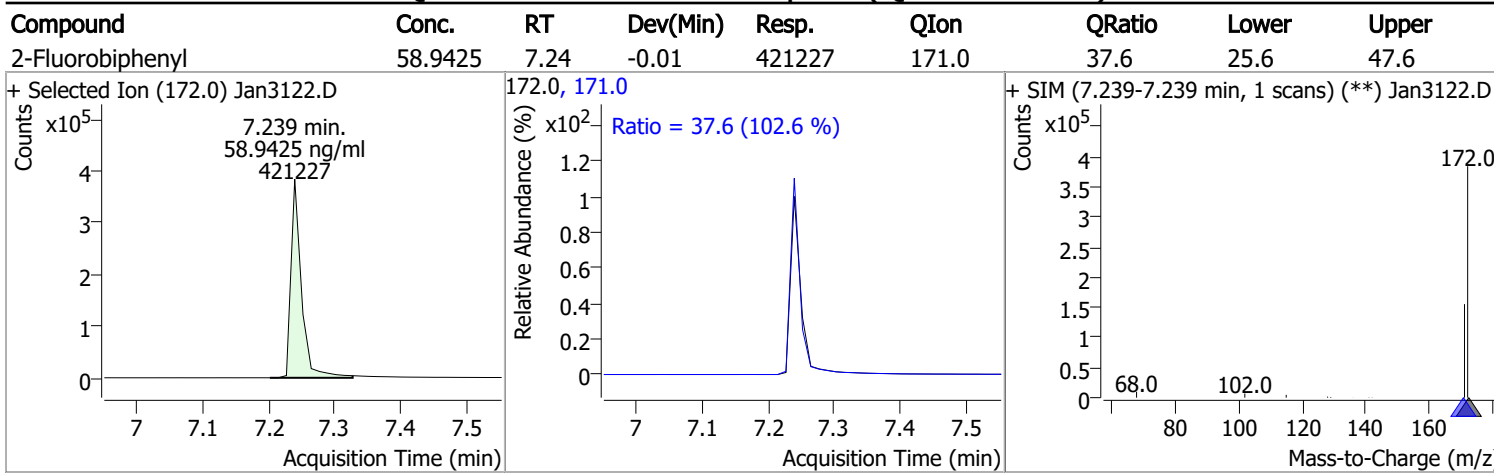
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3

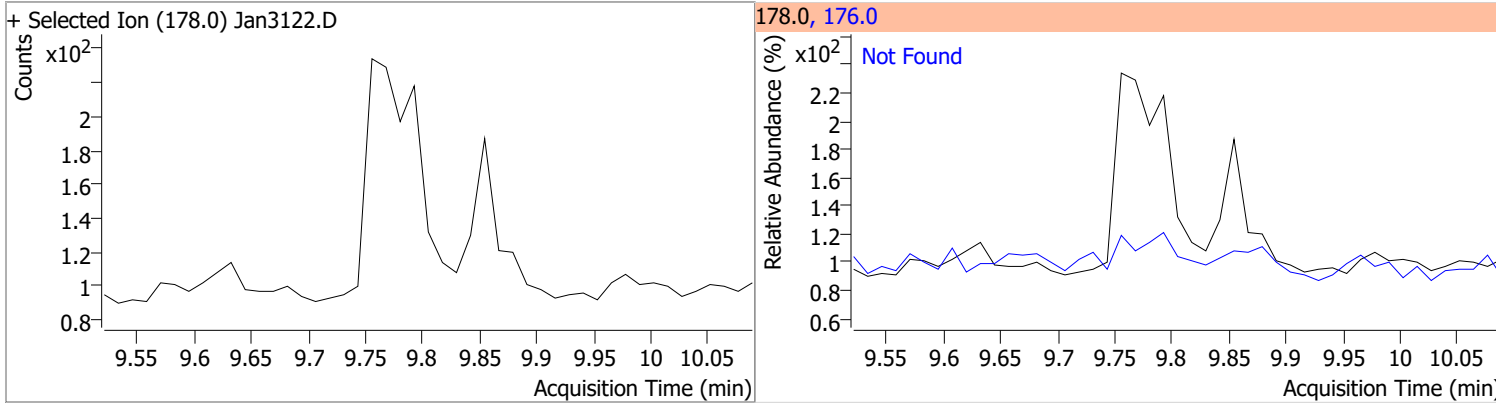


# Quantitation Results Report (QT Reviewed)

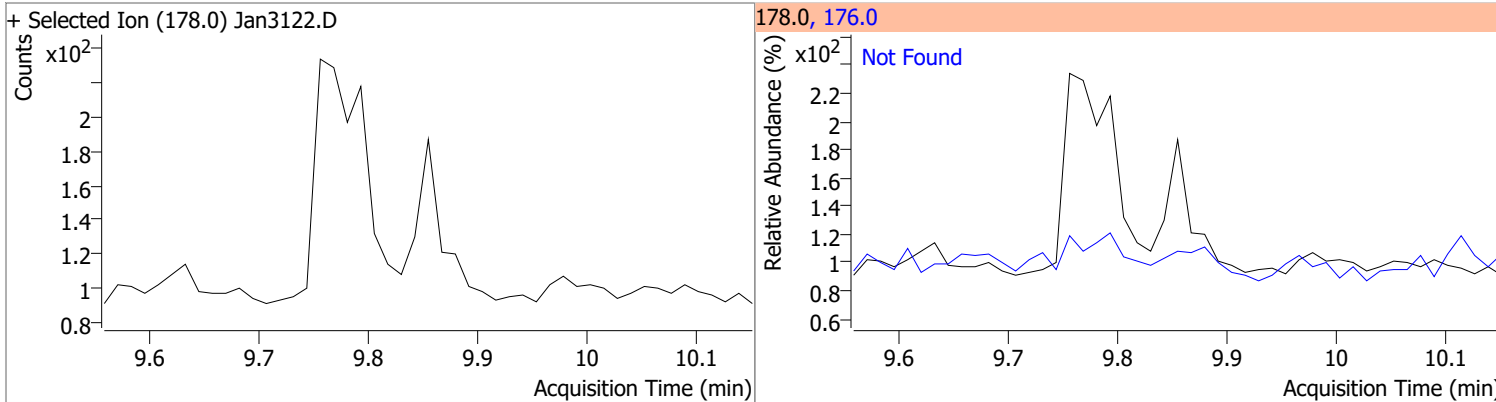


# Quantitation Results Report (QT Reviewed)

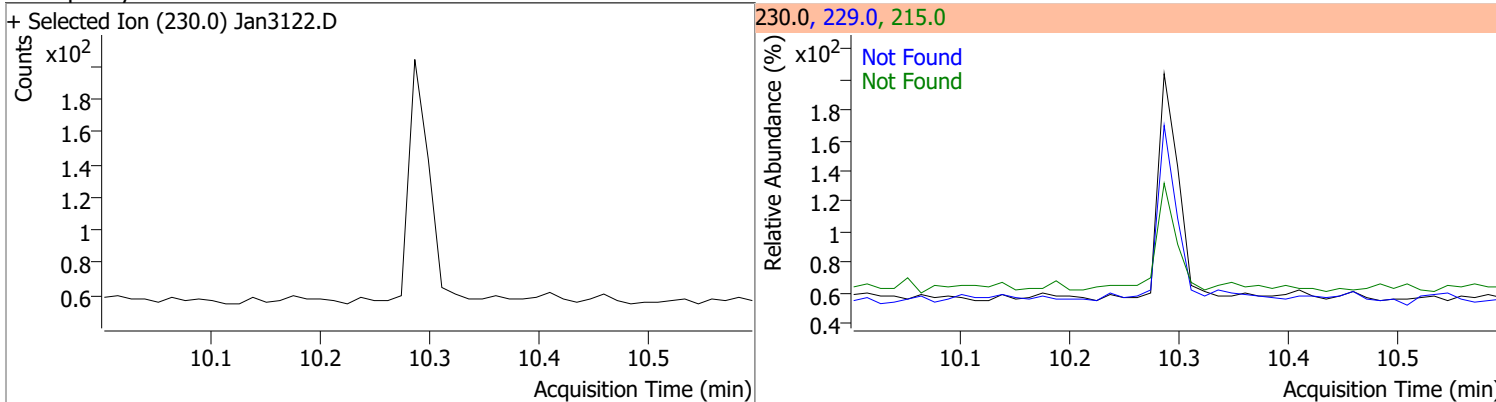
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.79	176.0	18.9



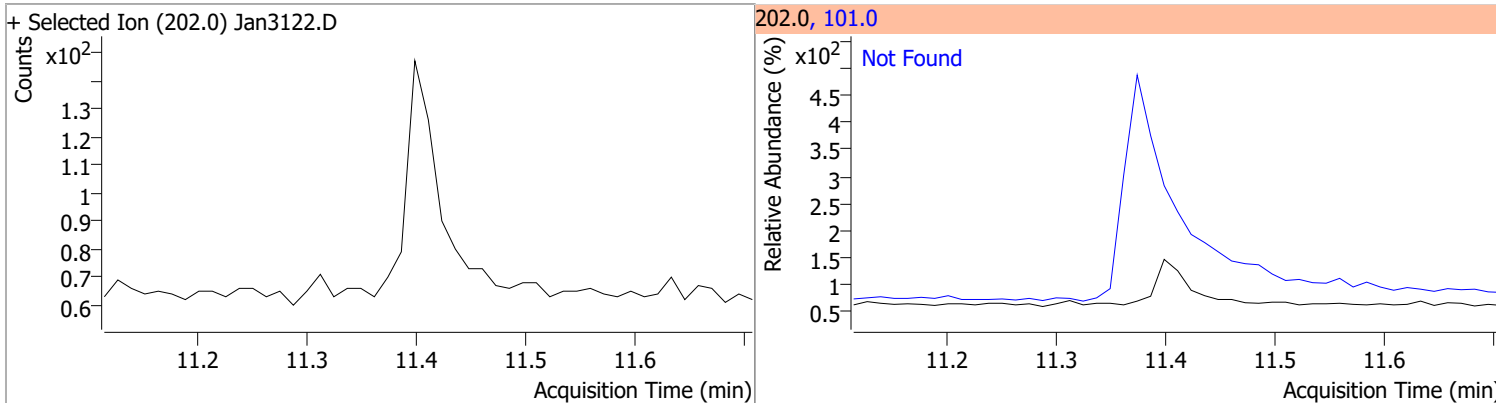
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.85	176.0	18.3



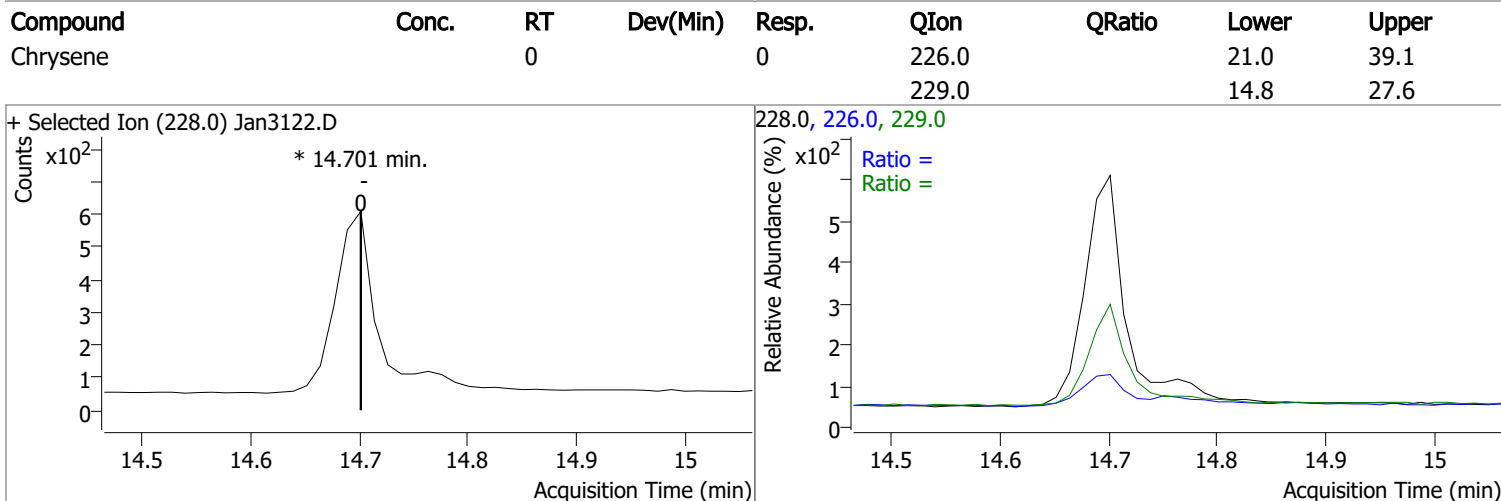
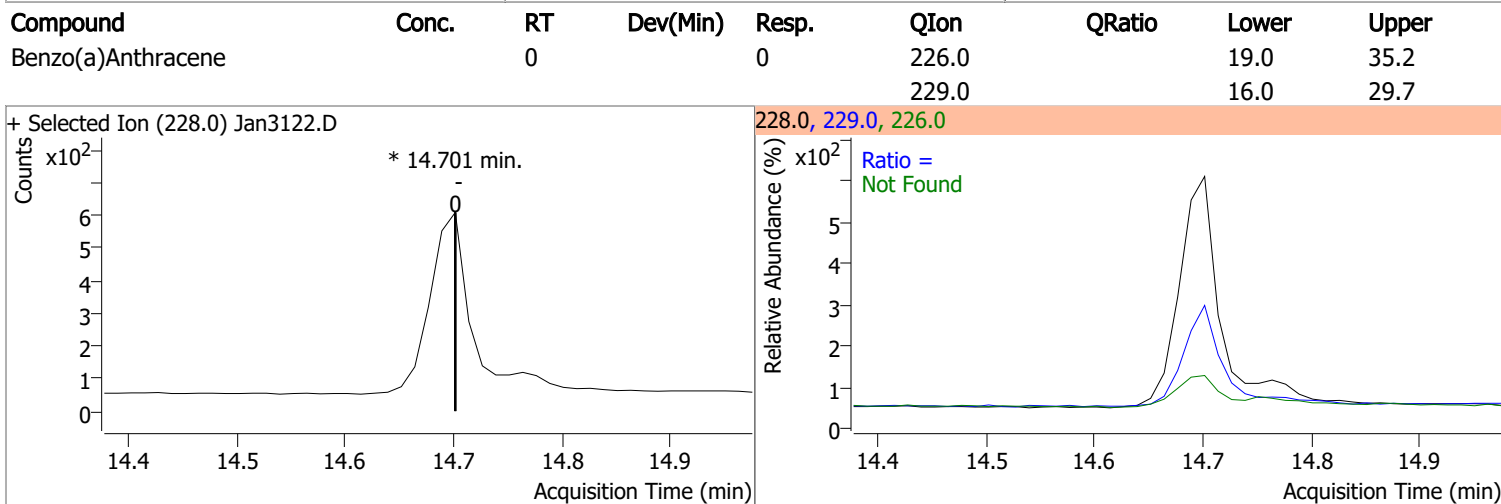
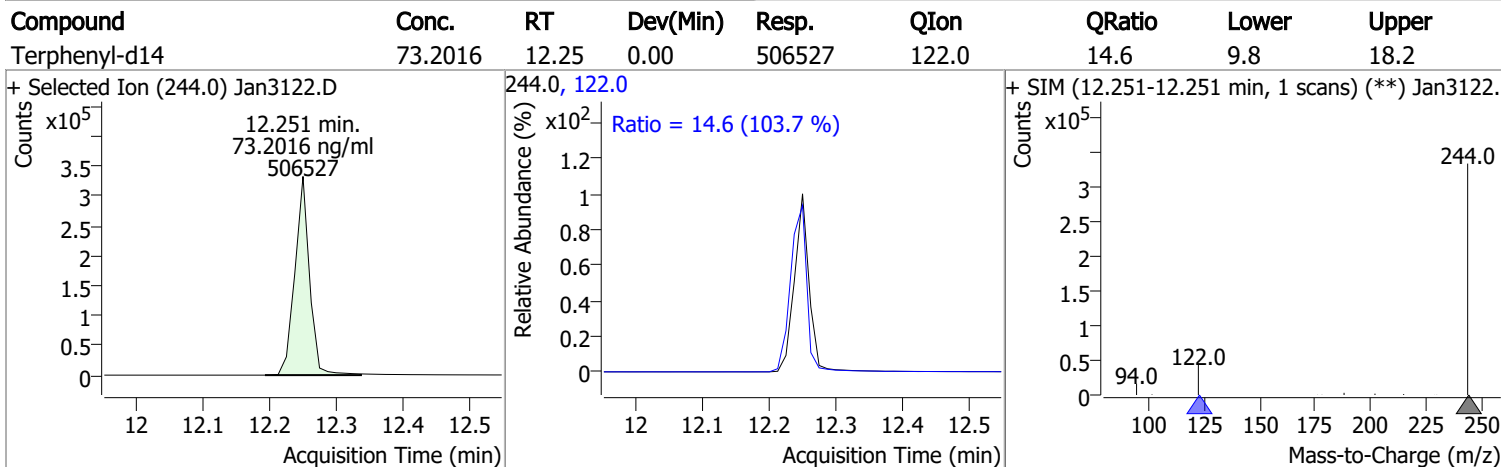
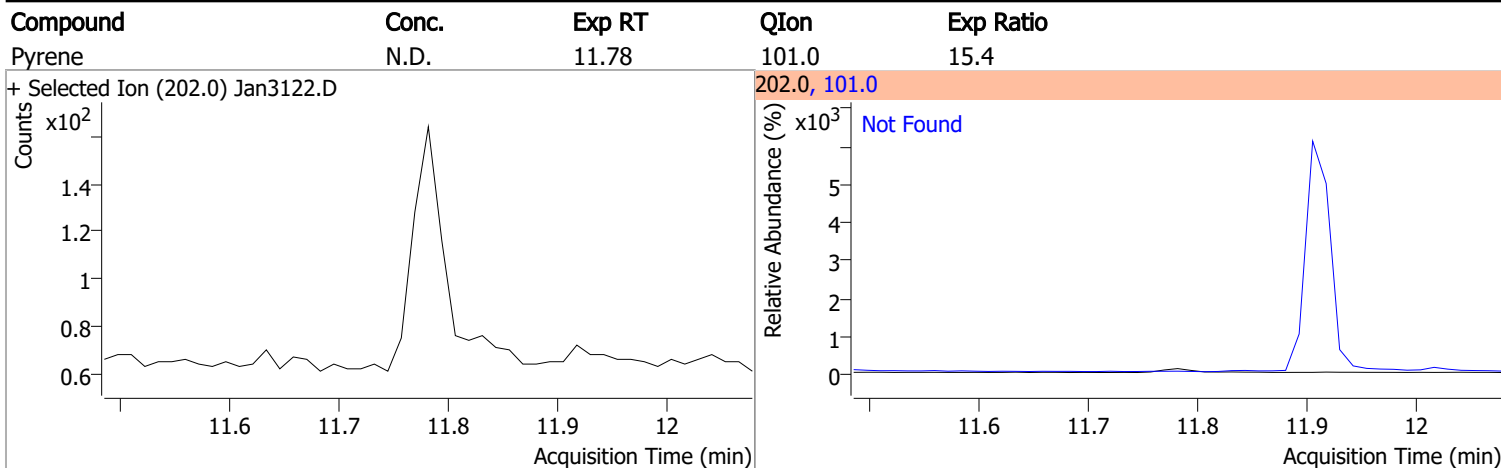
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	67.3	215.0	44.4



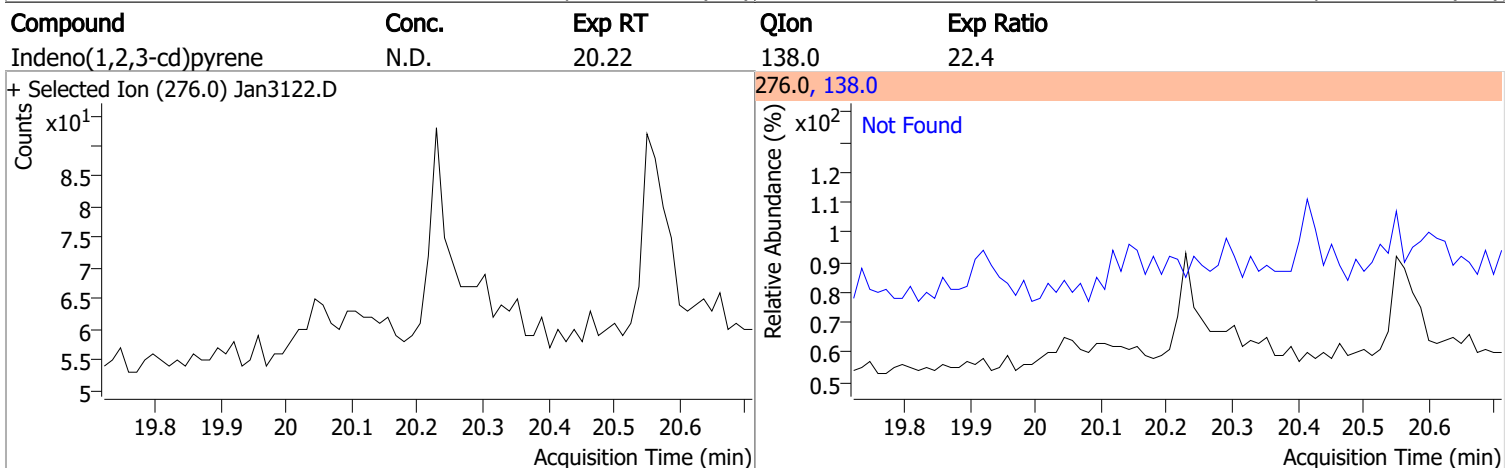
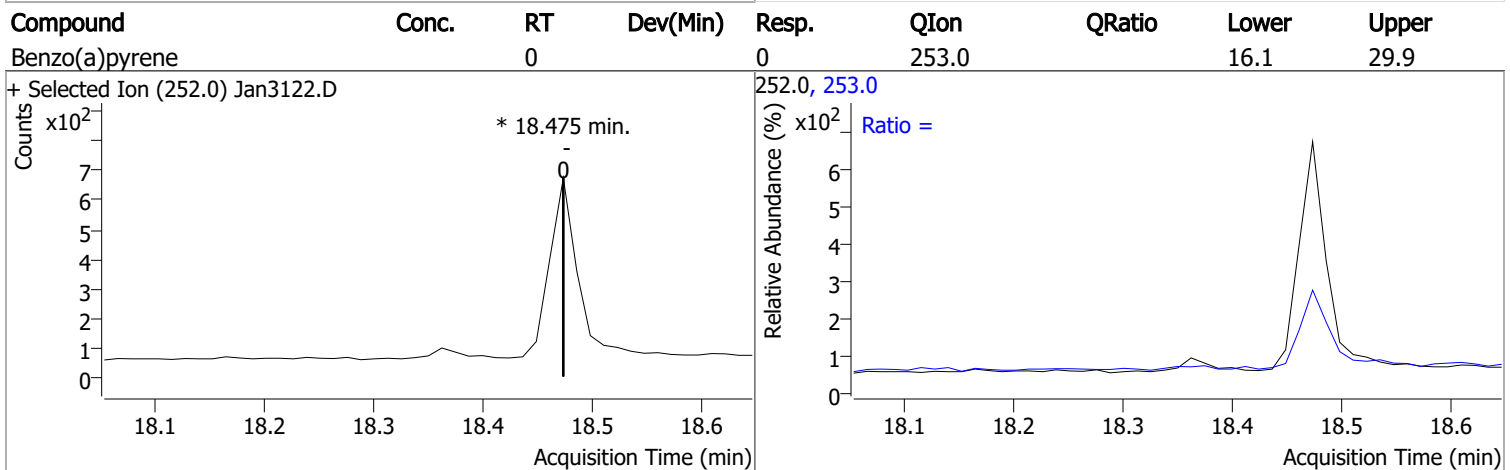
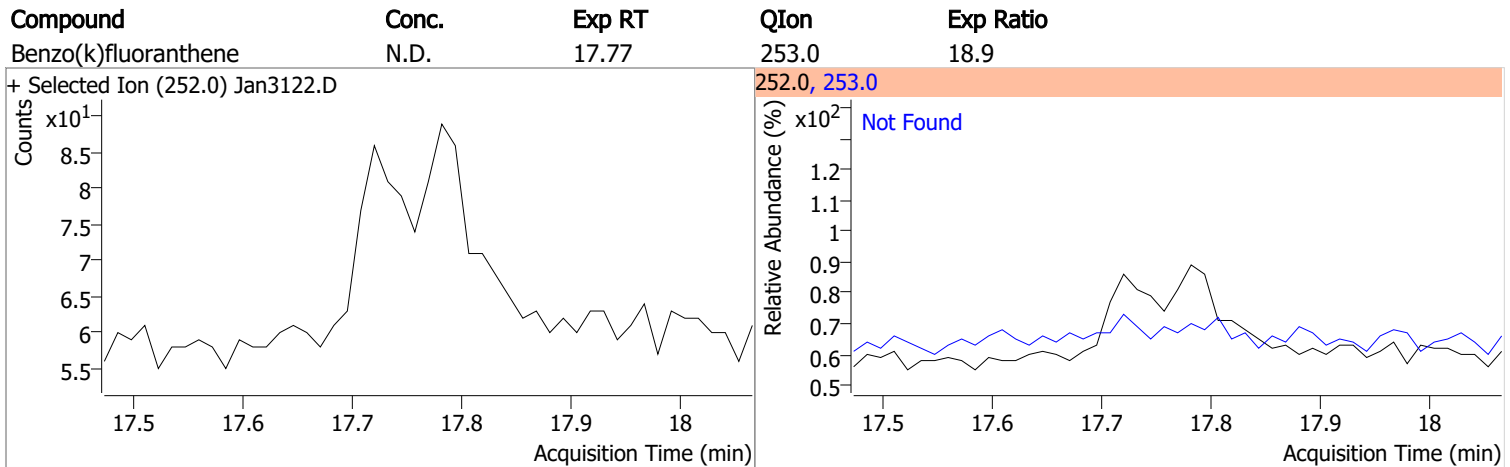
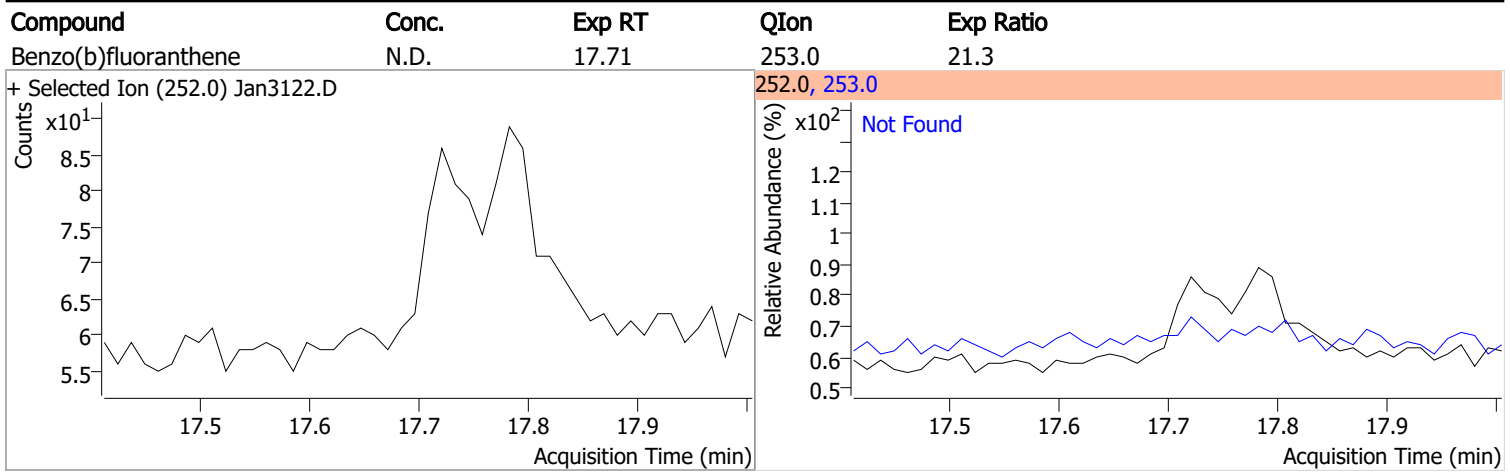
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	12.5



# Quantitation Results Report (QT Reviewed)



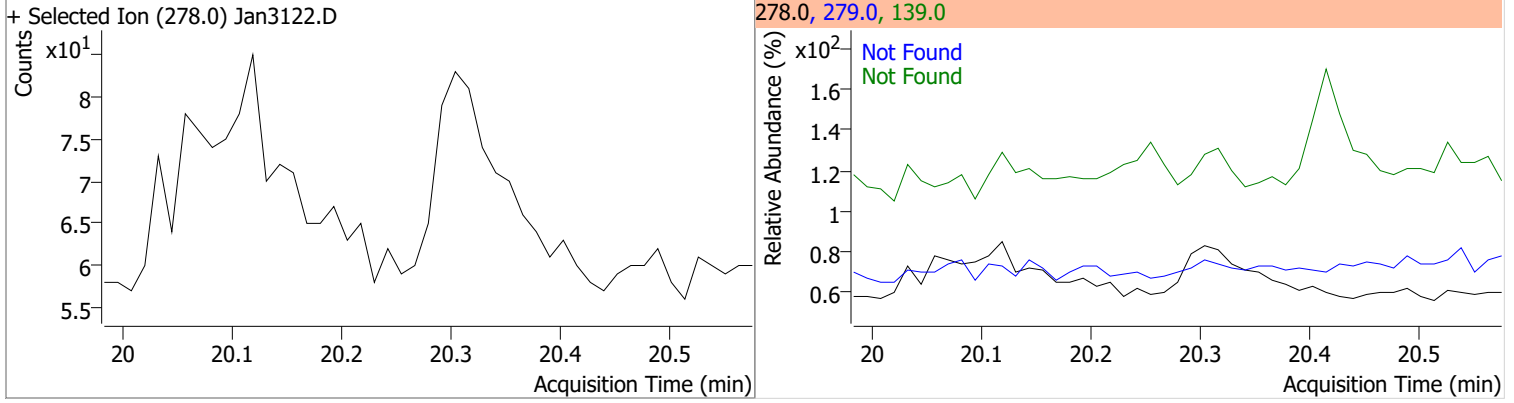
# Quantitation Results Report (QT Reviewed)



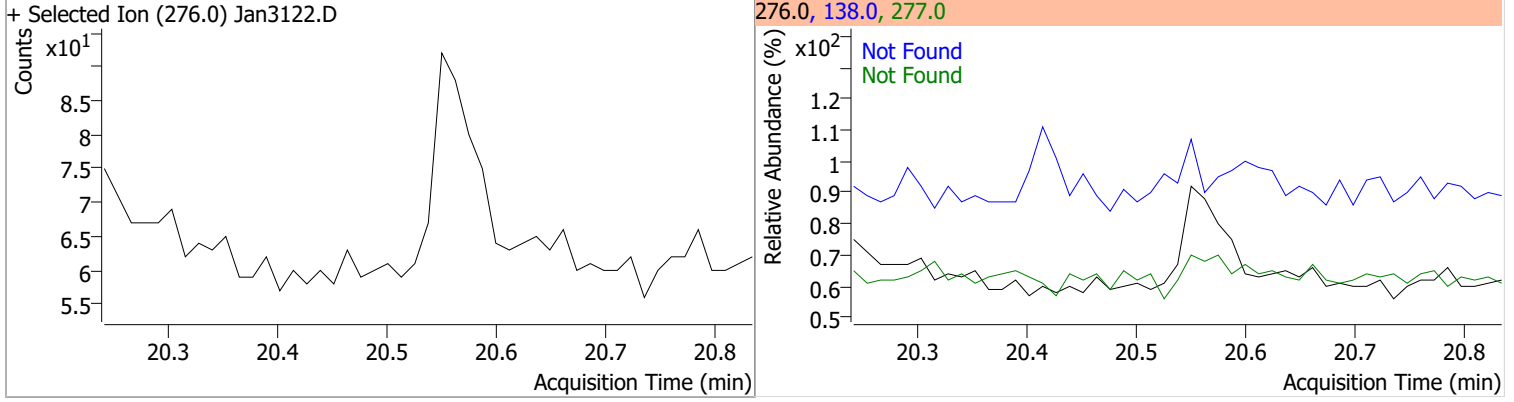


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.28	279.0	24.9	139.0	17.5



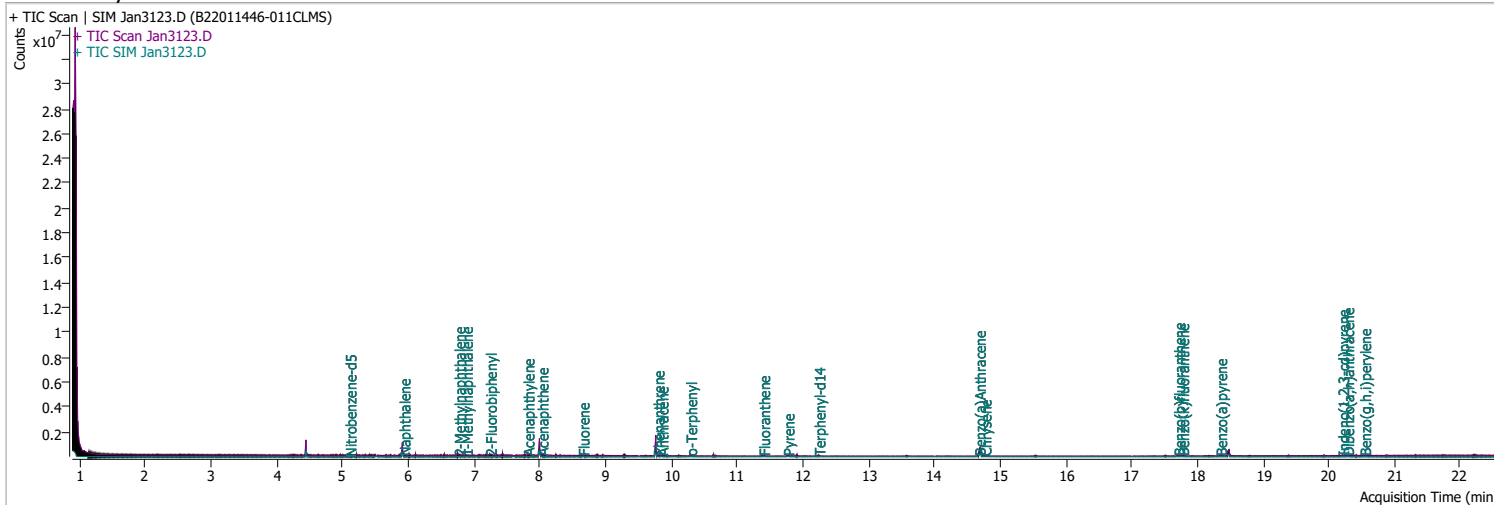
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.54	277.0	24.8	138.0	20.5



# Quantitation Results Report (QT Reviewed)

Data File	Jan3123.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/31/2022 11:51:06 PM
Sample Name	B22011446-011CLMS	Instrument	GCMS
Vial	16	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.447	152.0	140216	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.916	136.0	234442	40.0000	ng/ml	0.000
M Acenaphthene-d10	7.988	164.0	159072	40.0000	ng/ml	-0.013
M Phenanthrene-d10	9.756	188.0	359871	40.0000	ng/ml	-0.012
M Chrysene-d12	14.701	240.0	295212	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	204340	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	13254	3.9139	ng/ml	-0.013
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 78.28%		
S 2-Fluorobiphenyl	7.239	172.0	24464	3.9218	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 78.44%		
S o-Terphenyl	10.287	230.0	26655	4.9187	ng/ml	-0.012
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 98.37%		
S Terphenyl-d14	12.238	244.0	23379	4.7968	ng/ml	-0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 95.94%		
<b>Target Compounds</b>						
T Naphthalene	5.928	128.0	17456	2.8972	ng/ml	93
T 2-Methylnaphthalene	6.765	141.0	12609	3.4668	ng/ml	92
T 1-Methylnaphthalene	6.877	141.0	12129	3.2885	ng/ml	90
T Acenaphthylene	7.814	152.0	28415	3.9084	ng/ml	99
T Acenaphthene	8.025	154.0	18267	4.0680	ng/ml	94
T Fluorene	8.648	166.0	24839	4.0411	ng/ml	97
T Phenanthrene	9.793	178.0	41662	4.4511	ng/ml	100
T Anthracene	9.854	178.0	40715	4.8161	ng/ml	100
T Fluoranthene	11.398	202.0	52341	4.7635	ng/ml	91
T Pyrene	11.769	202.0	57185	4.5899	ng/ml	94
T Benzo(a)Anthracene	14.677	228.0	43398	5.1423	ng/ml	98
T Chrysene	14.764	228.0	53610	4.7035	ng/ml	99
T Benzo(b)fluoranthene	17.708	252.0	37490	4.5380	ng/ml	95

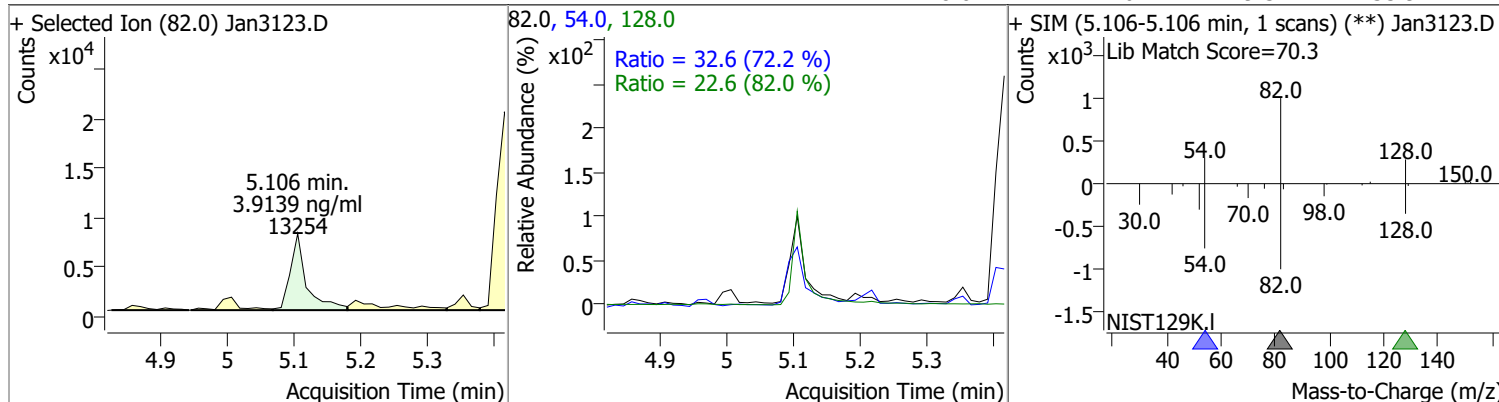
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	41272	4.2608	ng/ml	94
T Benzo(a)pyrene	18.351	252.0	31161	4.5267	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.204	276.0	30067	4.8557	ng/ml	91
T Dibenzo(a,h)anthracene	20.278	278.0	33697	4.8455	ng/ml	98
T Benzo(g,h,i)perylene	20.538	276.0	41109	4.6667	ng/ml	95

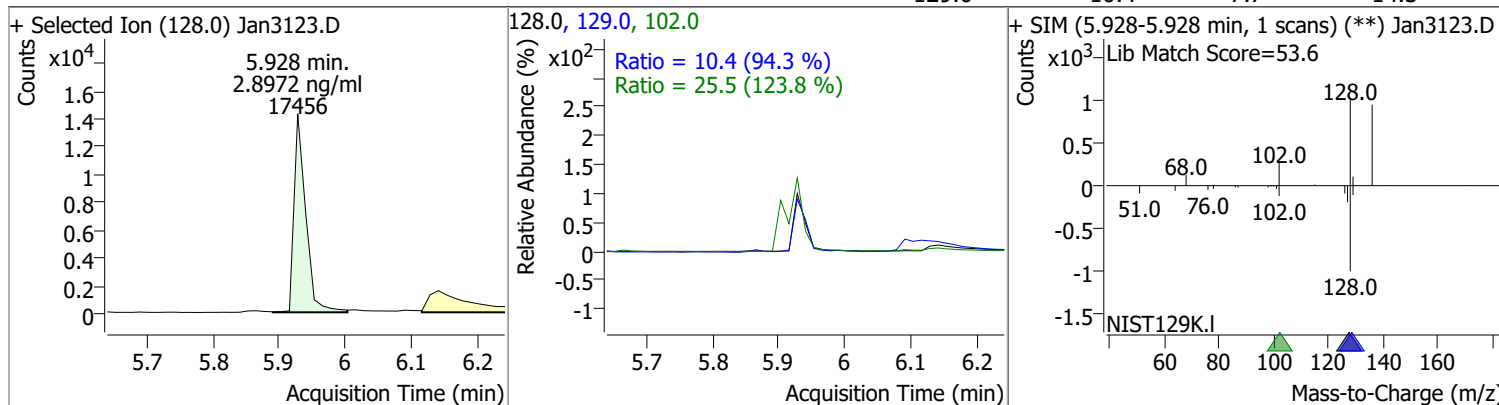
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

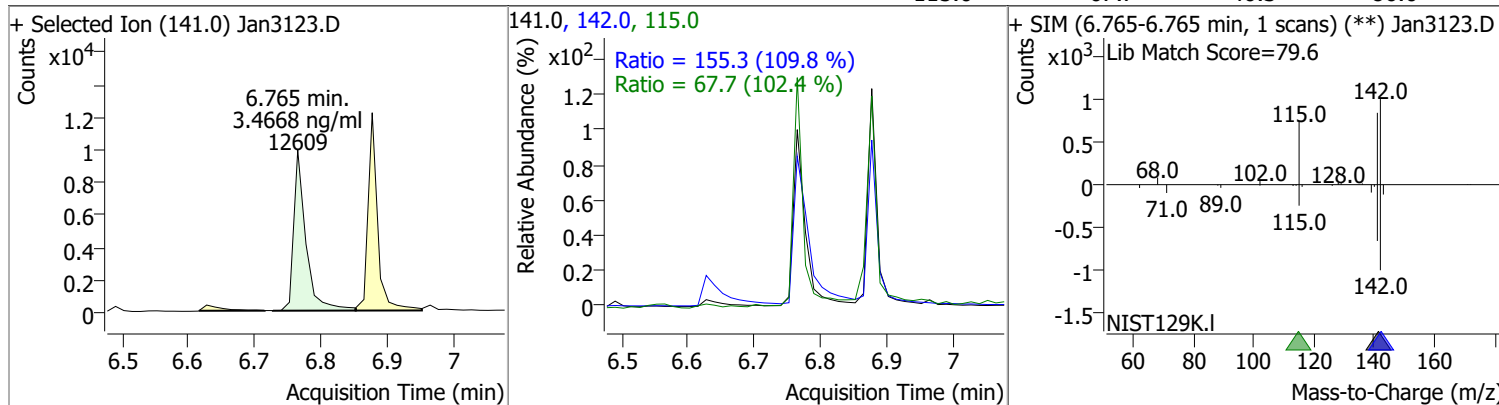
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	3.9139	5.11	-0.01	13254	54.0	32.6	31.6	58.8
					128.0	22.6	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.8972	5.93	-0.01	17456	102.0	25.5	0.0	61.8
					129.0	10.4	7.7	14.3

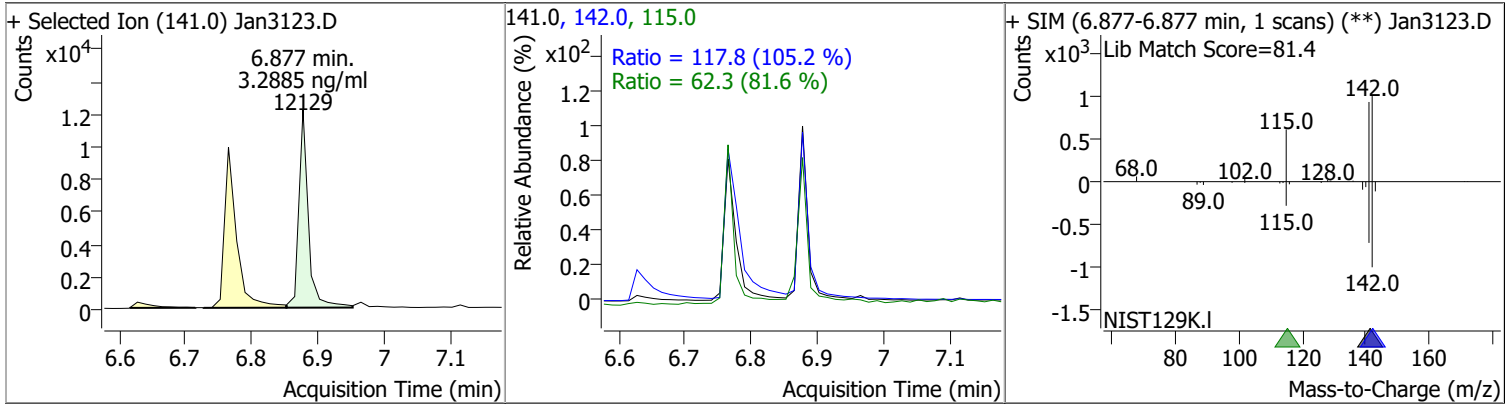


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.4668	6.76	-0.01	12609	142.0	155.3	99.1	184.0
					115.0	67.7	46.3	86.0

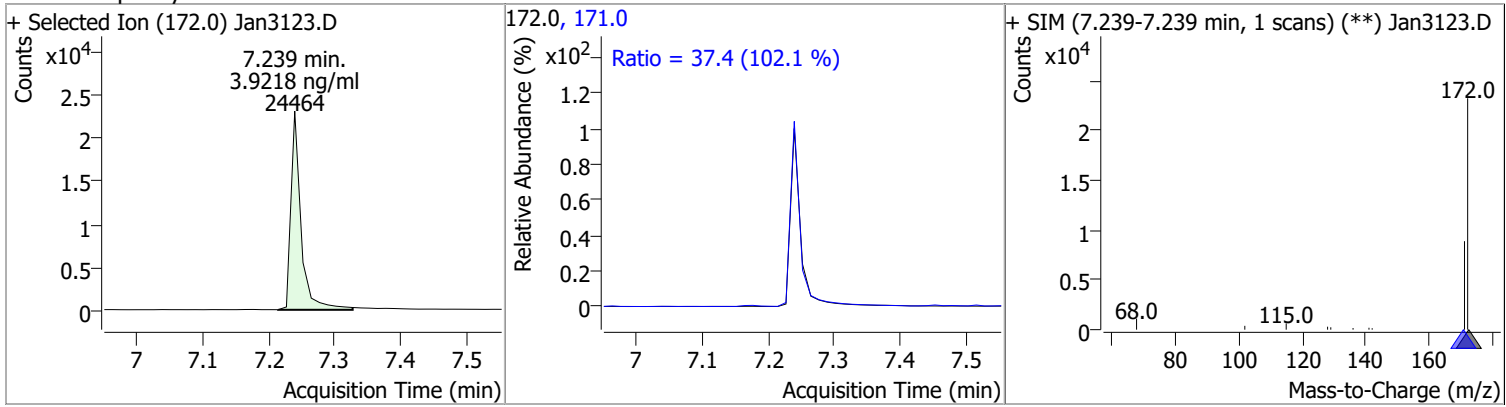


# Quantitation Results Report (QT Reviewed)

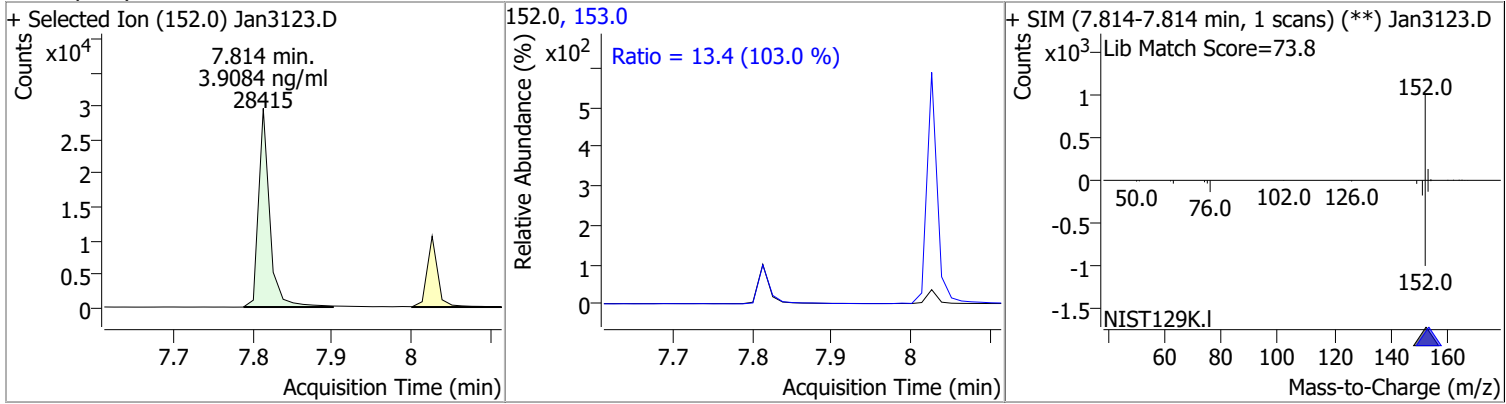
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	3.2885	6.88	0.00	12129	142.0 115.0	117.8 62.3	78.3 53.4	145.5 99.2



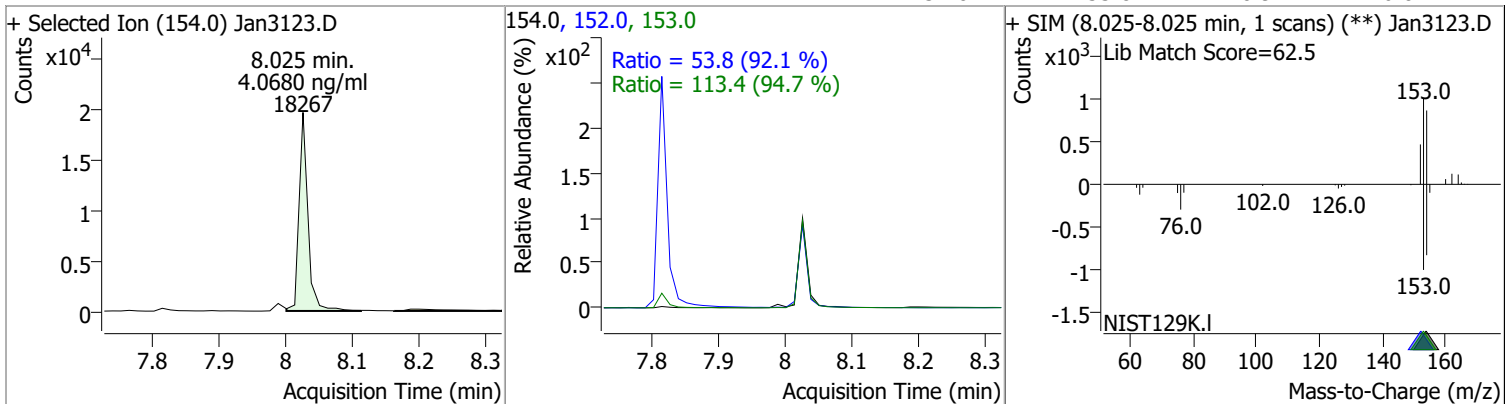
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	3.9218	7.24	-0.01	24464	171.0	37.4	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	3.9084	7.81	0.00	28415	153.0	13.4	9.1	17.0

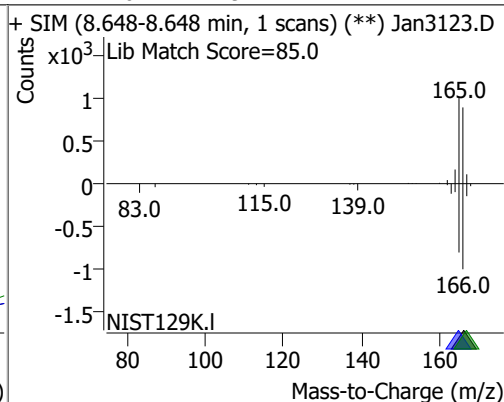
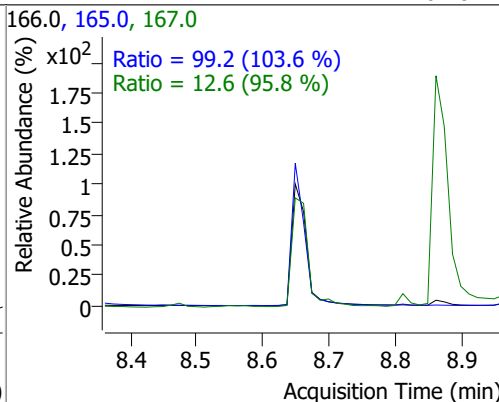
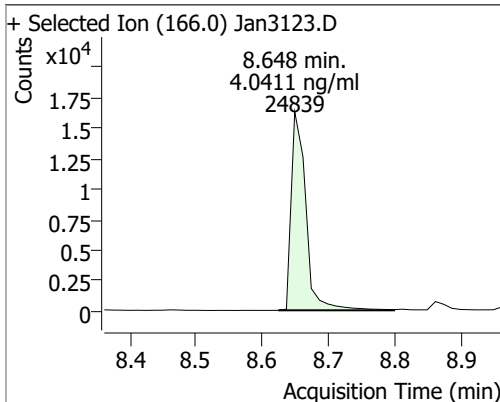


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	4.0680	8.03	0.00	18267	153.0 152.0	113.4 53.8	83.9 40.9	155.8 76.0

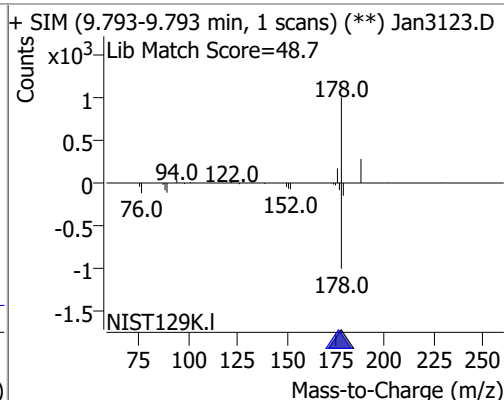
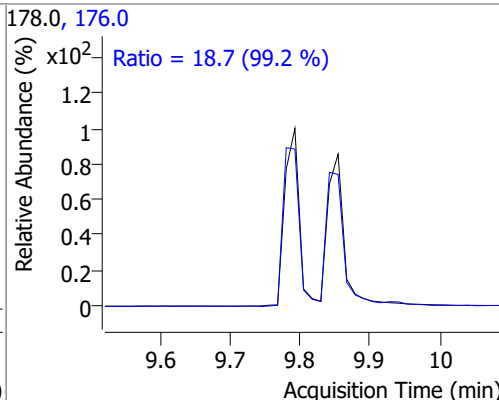
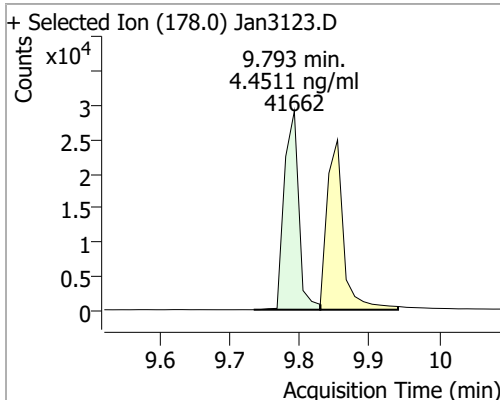


# Quantitation Results Report (QT Reviewed)

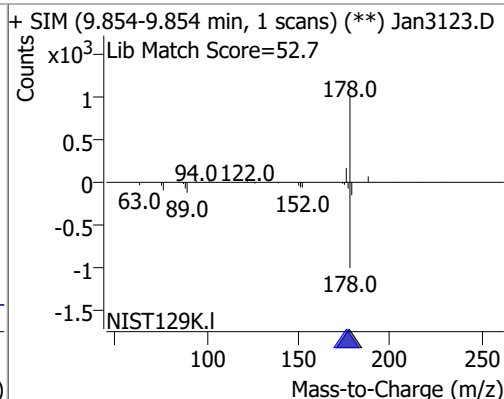
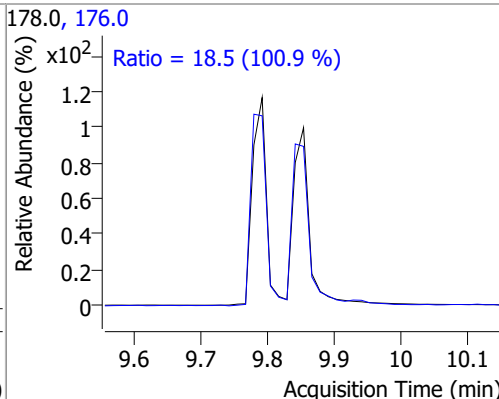
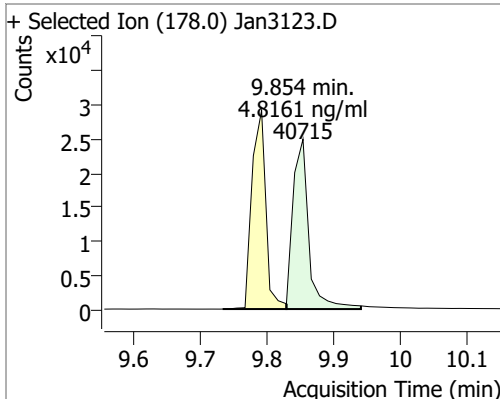
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	4.0411	8.65	-0.01	24839	165.0	99.2	67.0	124.5
					167.0	12.6	9.2	17.1



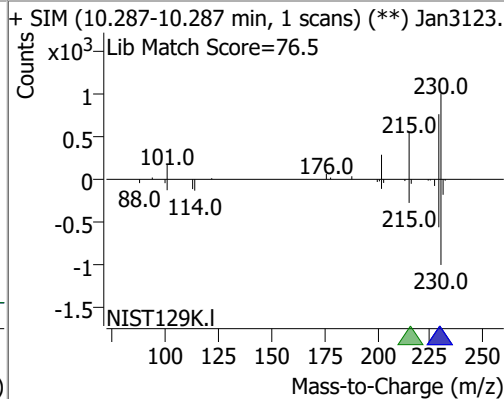
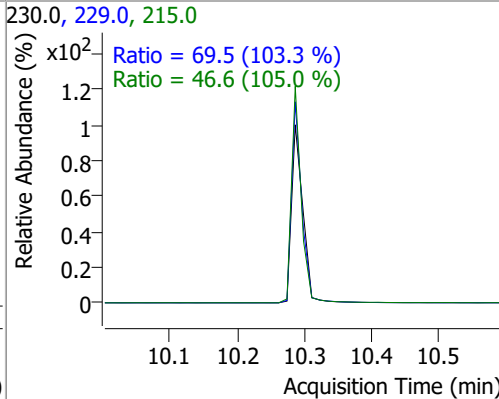
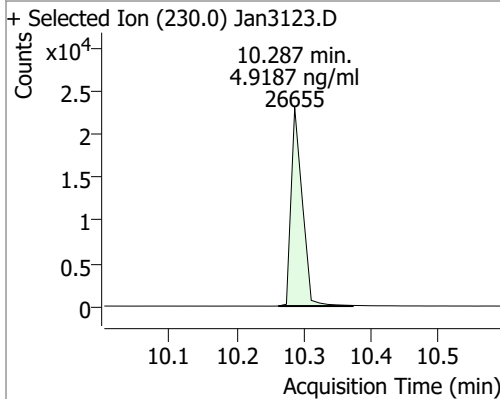
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.4511	9.79	0.00	41662	176.0	18.7	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.8161	9.85	0.00	40715	176.0	18.5	12.8	23.8

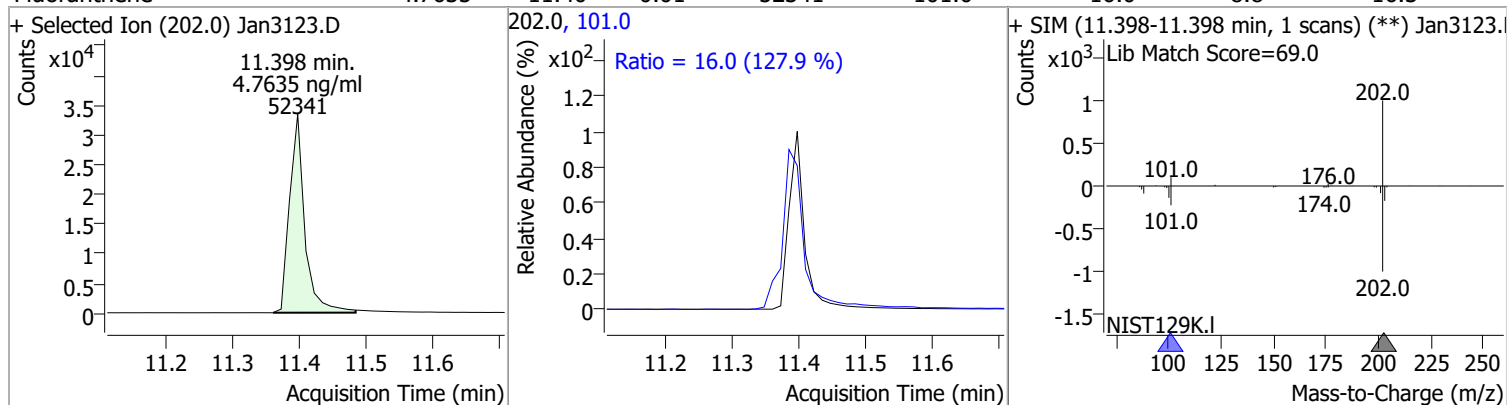


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.9187	10.29	-0.01	26655	229.0	69.5	47.1	87.5
					215.0	46.6	31.1	57.7

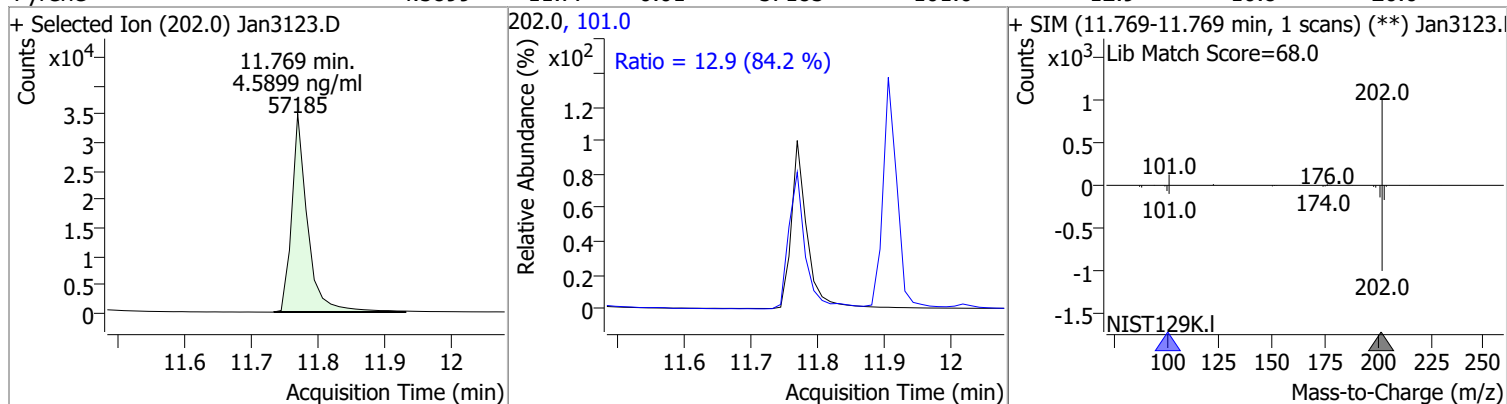


# Quantitation Results Report (QT Reviewed)

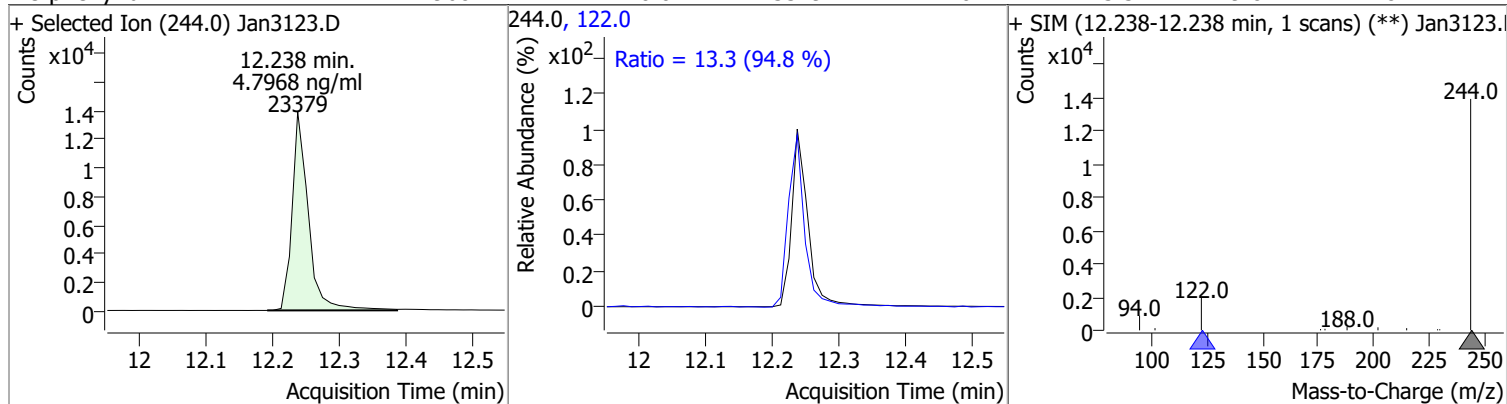
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.7635	11.40	-0.01	52341	101.0	16.0	8.8	16.3



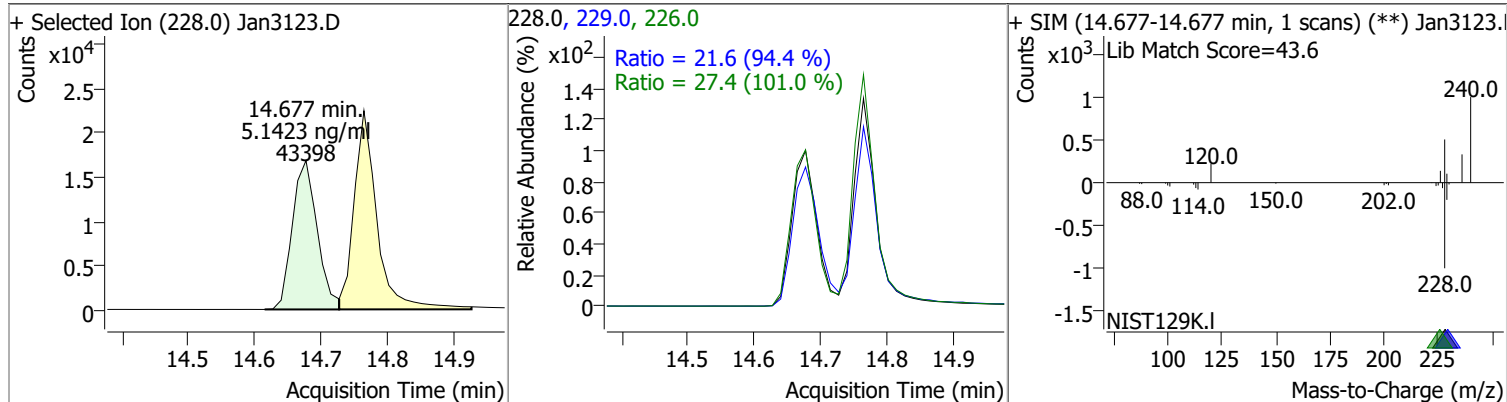
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.5899	11.77	-0.01	57185	101.0	12.9	10.8	20.0



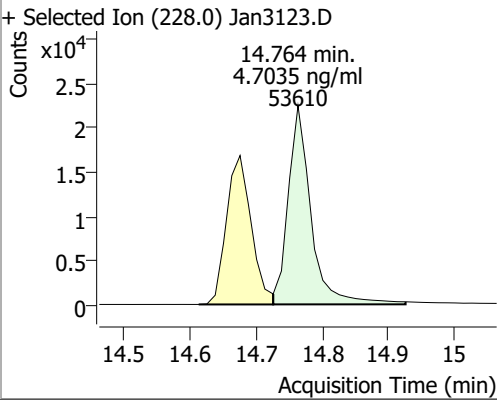
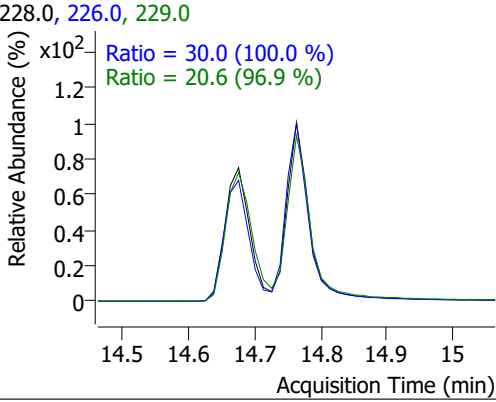
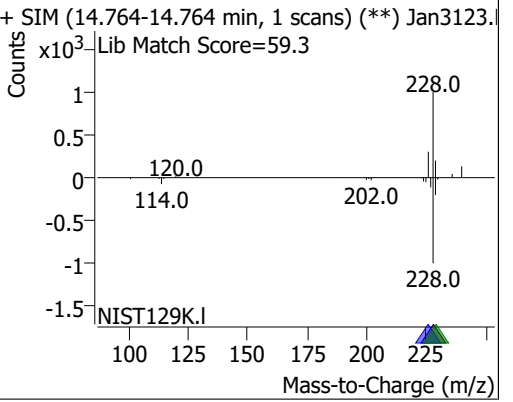
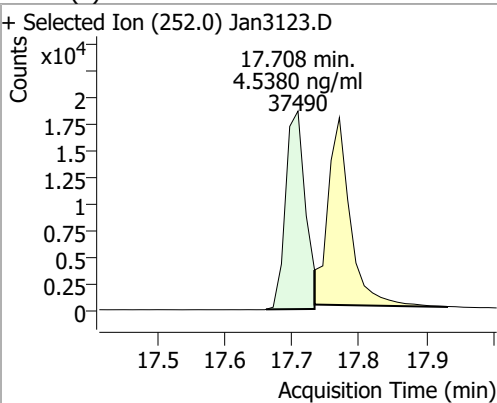
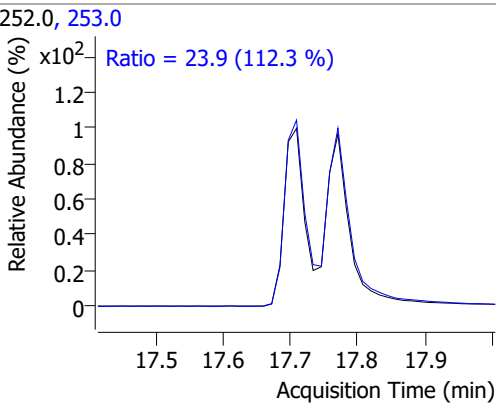
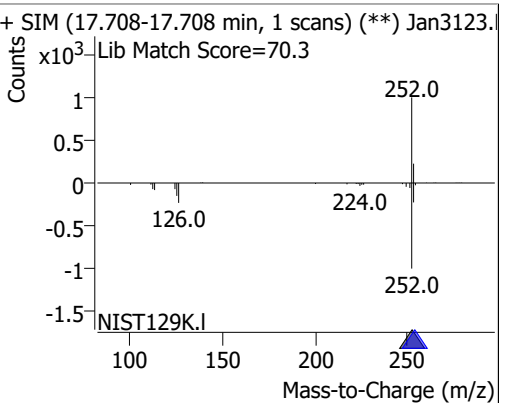
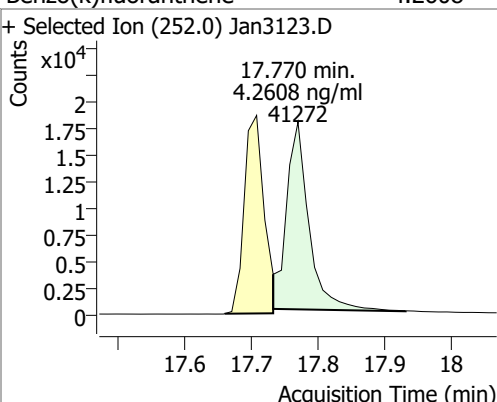
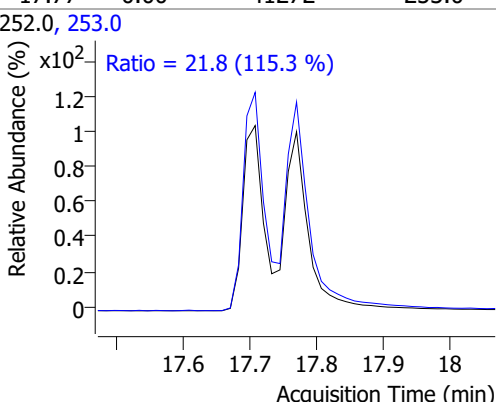
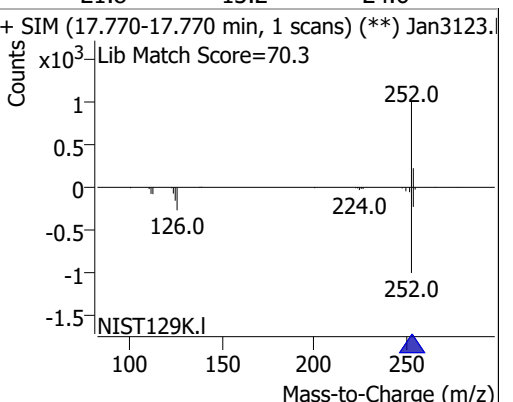
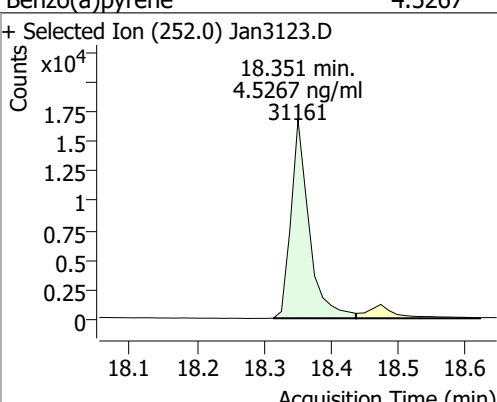
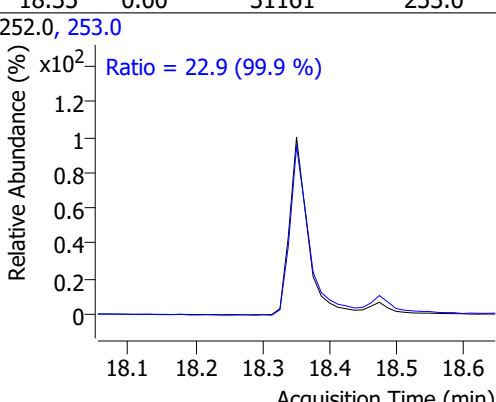
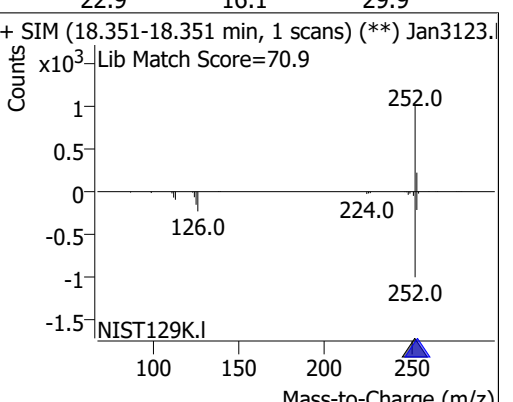
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	4.7968	12.24	-0.01	23379	122.0	13.3	9.8	18.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	5.1423	14.68	0.00	43398	226.0	27.4	19.0	35.2
					229.0	21.6	16.0	29.7



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	4.7035	14.76	0.00	53610	226.0 229.0	30.0 20.6	21.0 14.8	39.1 27.6
+ Selected Ion (228.0) Jan3123.D 			228.0, 226.0, 229.0 			+ SIM (14.764-14.764 min, 1 scans) (**) Jan3123.D Lib Match Score=59.3 		
Benzo(b)fluoranthene	4.5380	17.71	0.00	37490	253.0	23.9	14.9	27.7
+ Selected Ion (252.0) Jan3123.D 			252.0, 253.0 			+ SIM (17.708-17.708 min, 1 scans) (**) Jan3123.D Lib Match Score=70.3 		
Benzo(k)fluoranthene	4.2608	17.77	0.00	41272	253.0	21.8	13.2	24.6
+ Selected Ion (252.0) Jan3123.D 			252.0, 253.0 			+ SIM (17.770-17.770 min, 1 scans) (**) Jan3123.D Lib Match Score=70.3 		
Benzo(a)pyrene	4.5267	18.35	0.00	31161	253.0	22.9	16.1	29.9
+ Selected Ion (252.0) Jan3123.D 			252.0, 253.0 			+ SIM (18.351-18.351 min, 1 scans) (**) Jan3123.D Lib Match Score=70.9 		



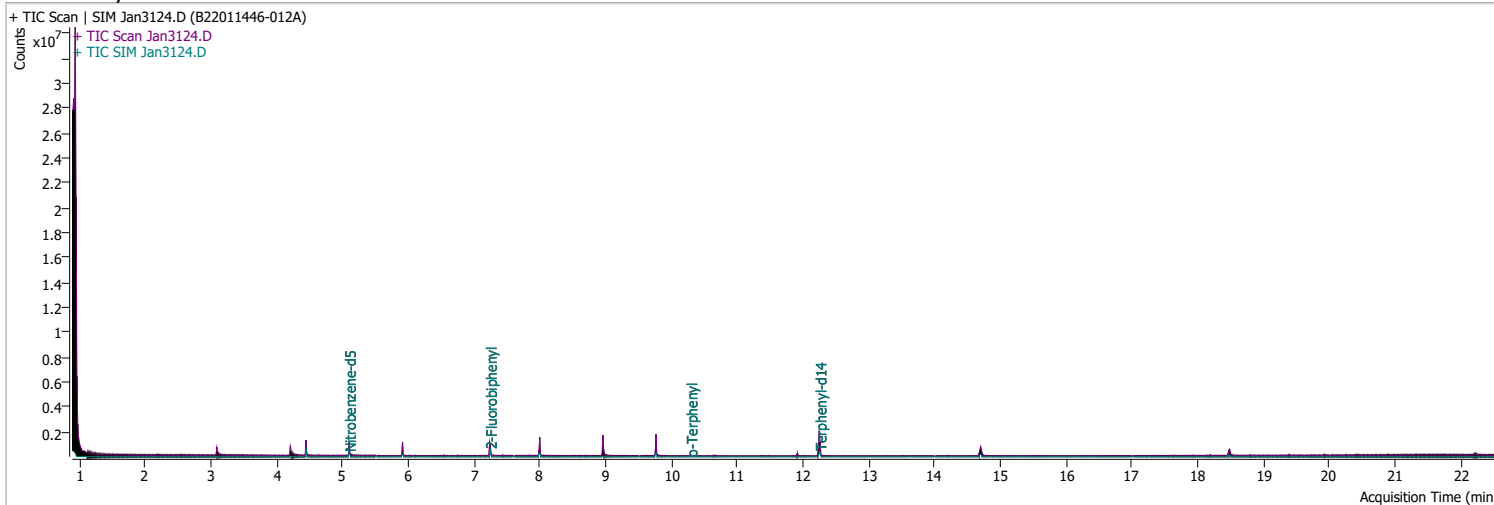
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	4.8557	20.20	-0.01	30067	138.0	17.9	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan3123.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0</p> </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan3123.D</p> <p>Lib Match Score=78.1</p> </div> </div>								
Dibenzo(a,h)anthracene	4.8455	20.28	0.00	33697	279.0	25.4	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan3123.D</p> </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> </div> <div style="width: 30%;"> <p>+ SIM (20.278-20.278 min, 1 scans) (**) Jan3123.D</p> <p>Lib Match Score=77.3</p> </div> </div>								
Benzo(g,h,i)perylene	4.6667	20.54	0.00	41109	277.0	23.2	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan3123.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan3123.D</p> <p>Lib Match Score=78.4</p> </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan3124.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	2/1/2022 12:23:31 AM
Sample Name	B22011446-012A	Instrument	GCMS
Vial	17	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.447	152.0	147717	40.0000	ng/ml	-0.013
M Naphthalene-d8	5.916	136.0	249571	40.0000	ng/ml	0.000
M Acenaphthene-d10	7.988	164.0	166357	40.0000	ng/ml	-0.013
M Phenanthrene-d10	9.755	188.0	388058	40.0000	ng/ml	-0.013
M Chrysene-d12	14.701	240.0	305712	40.0000	ng/ml	0.000
M Perylene-d12	18.474	264.0	204907	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.093	82.0	329152	39.4037	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 788.07%		*
S 2-Fluorobiphenyl	7.239	172.0	433024	57.6395	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1152.79%		*
S o-Terphenyl	10.287	230.0	3115	0.4987	ng/ml	-0.013
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 9.97%		*
S Terphenyl-d14	12.250	244.0	532743	72.0093	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1440.19%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.025	154.0	0		ng/ml	md 1
T Fluorene	8.960	166.0	0		ng/ml	md 1
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.701	228.0	0		ng/ml	md 1
T Chrysene	14.764	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	0.000		0	N.D.		

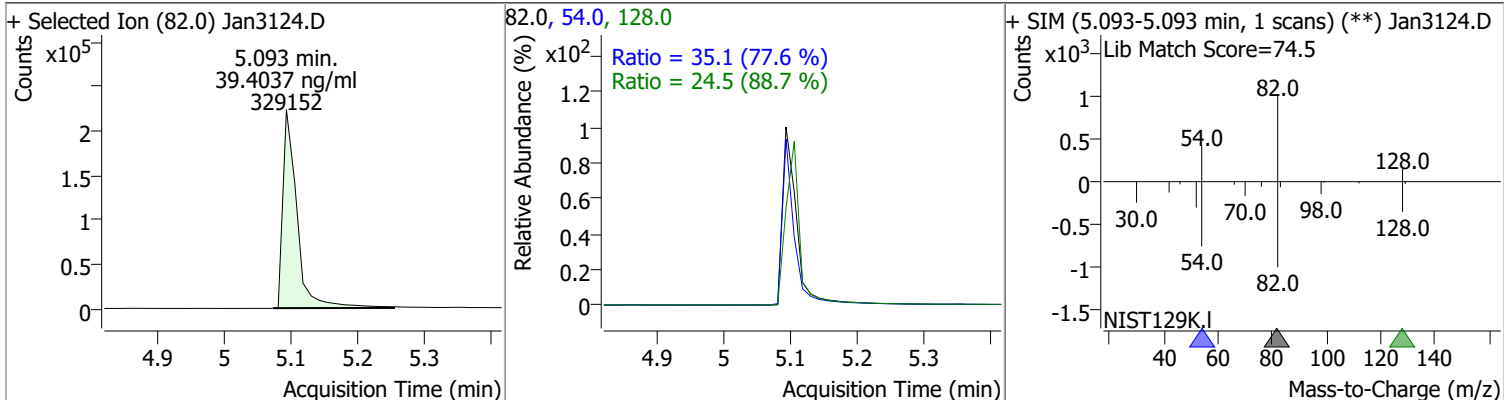
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.363	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

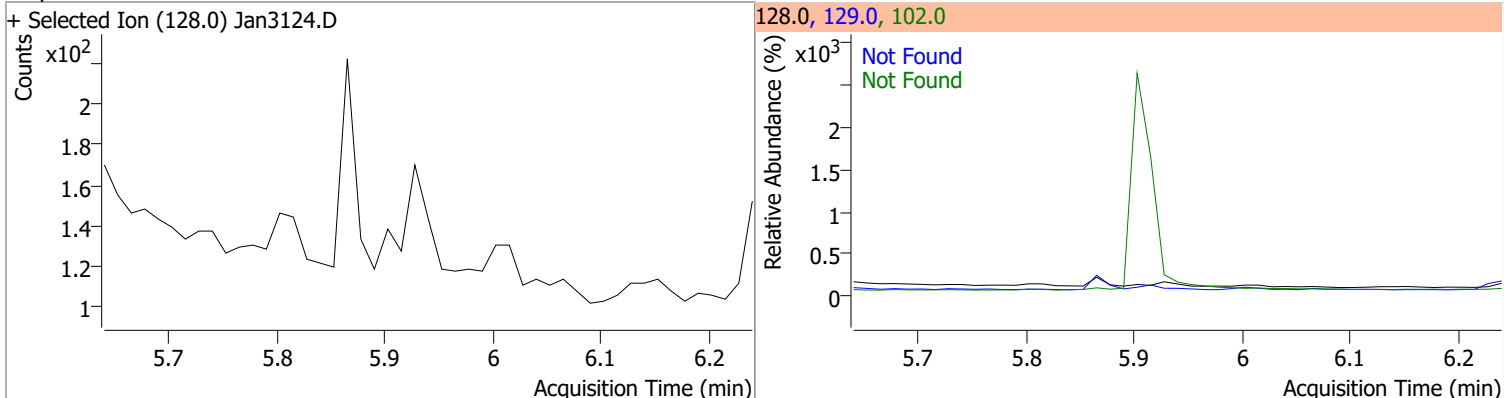
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

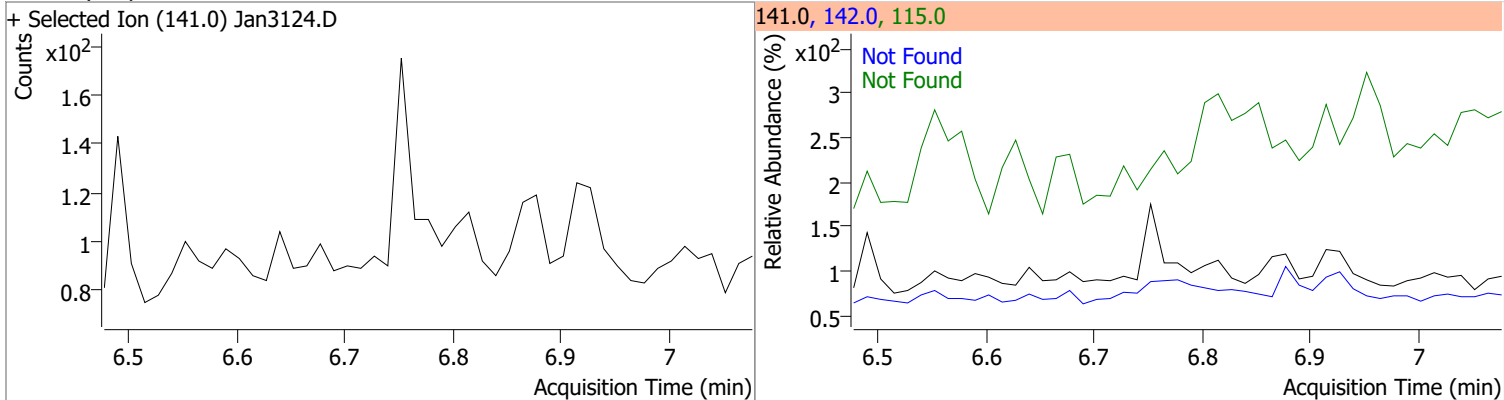
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	39.4037	5.09	-0.03	329152	54.0	35.1	31.6	58.8
					128.0	24.5	19.3	35.9



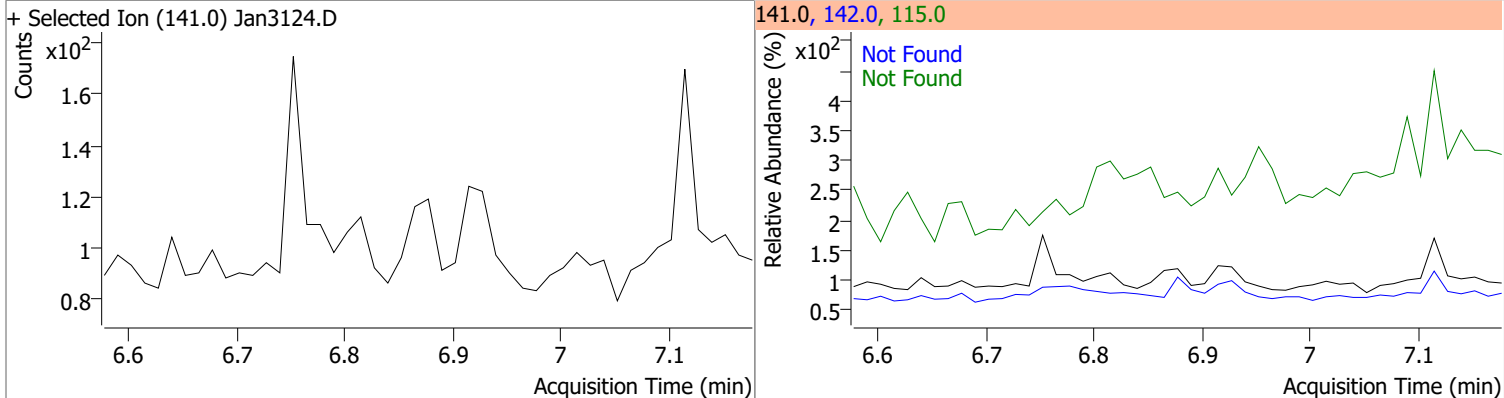
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1

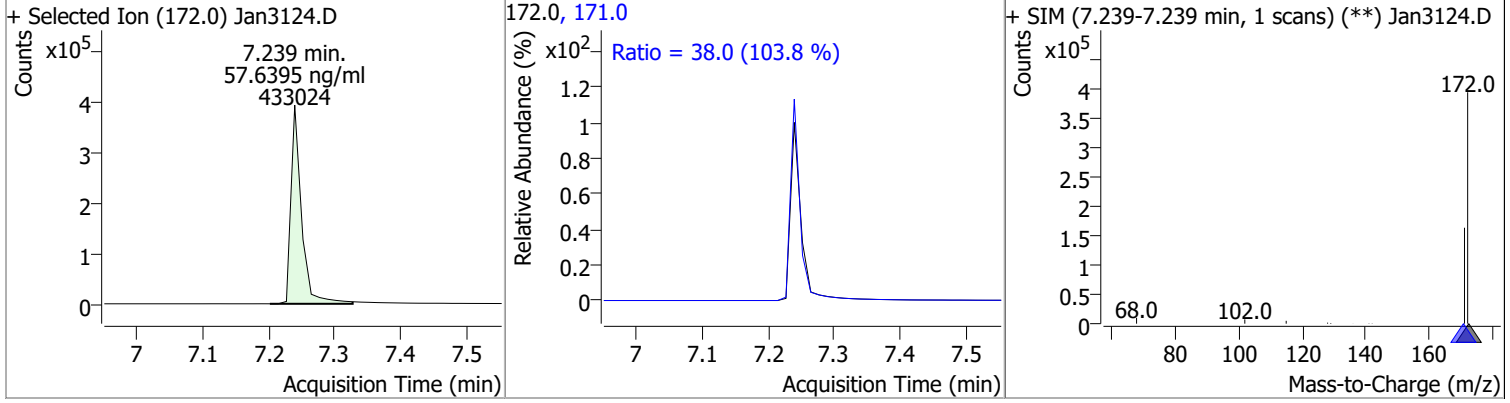


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3

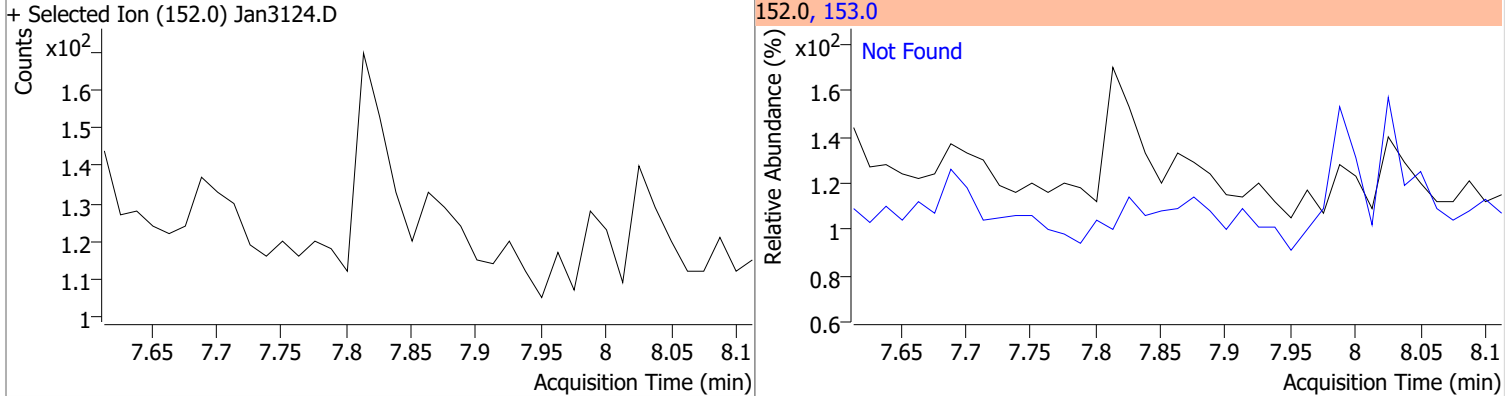


# Quantitation Results Report (QT Reviewed)

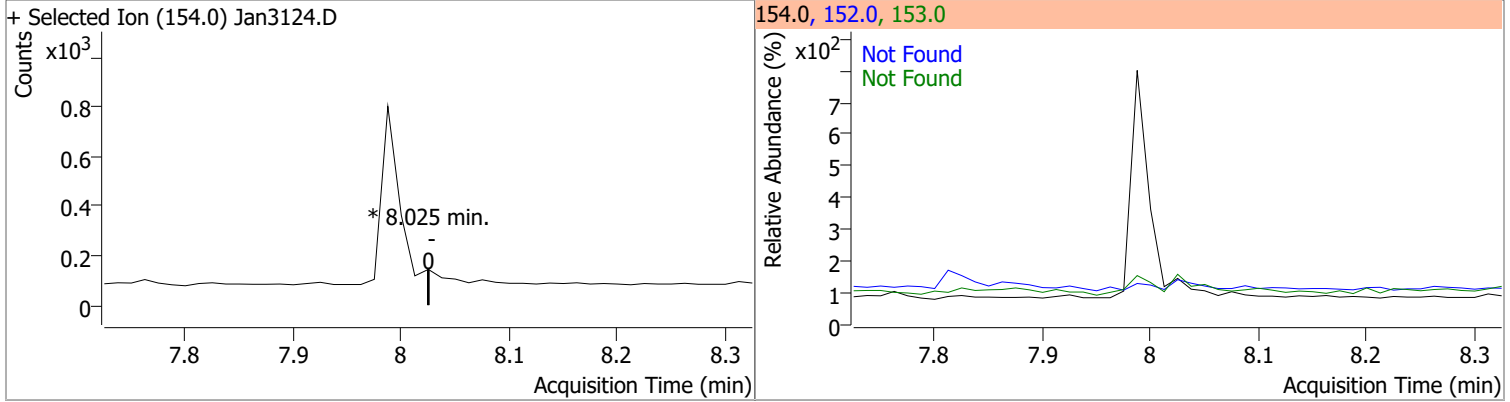
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	57.6395	7.24	-0.01	433024	171.0	38.0	25.6	47.6



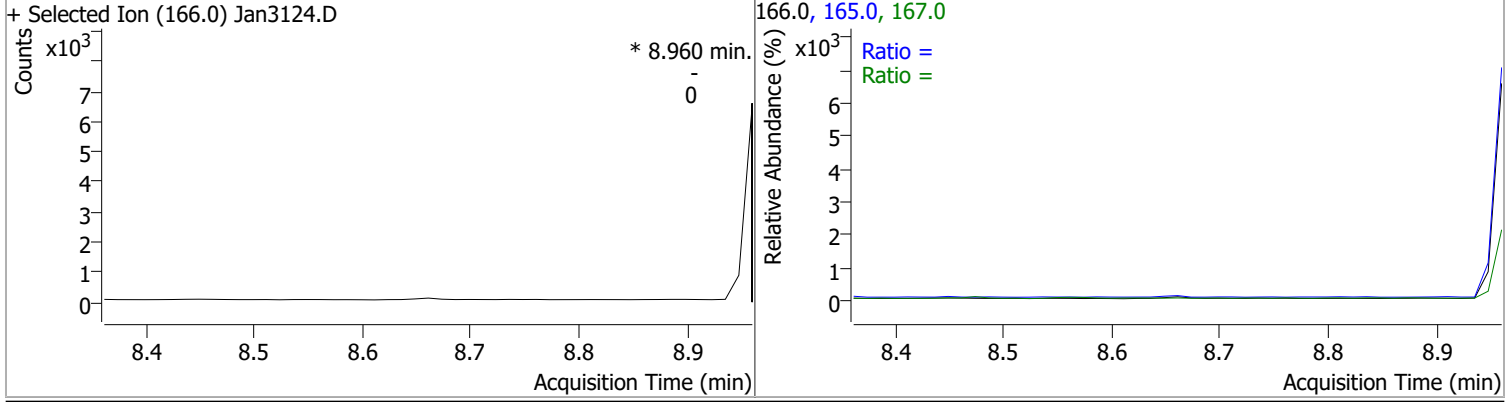
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.81	153.0	13.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		83.9	155.8
					152.0		40.9	76.0

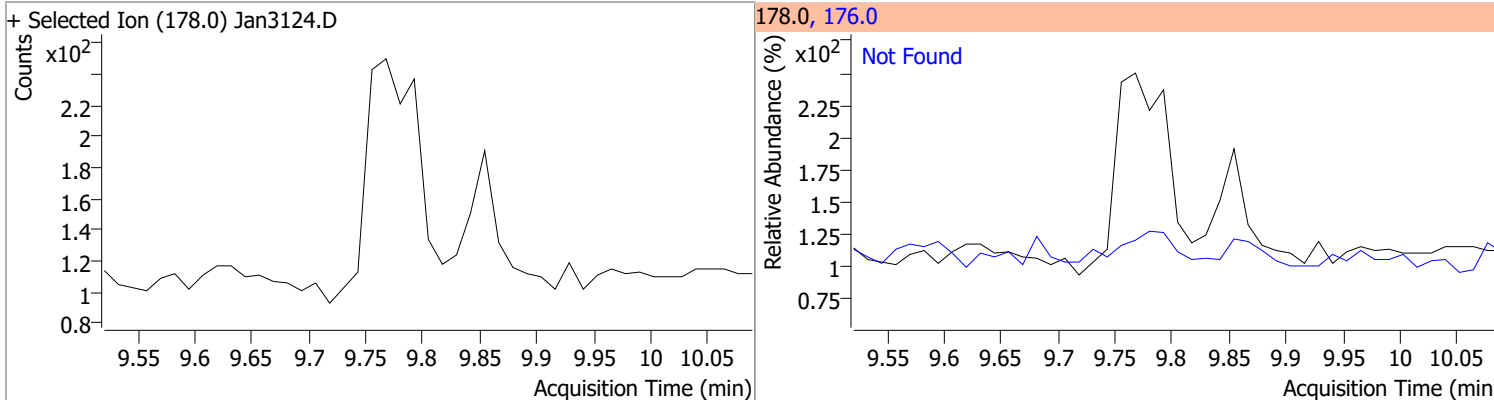


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		67.0	124.5
					167.0		9.2	17.1

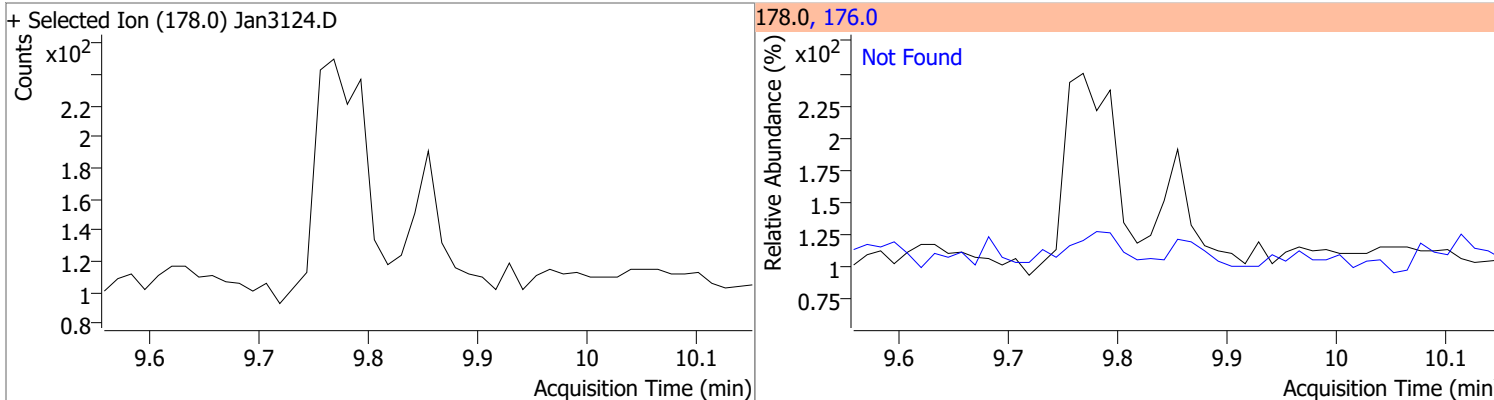


# Quantitation Results Report (QT Reviewed)

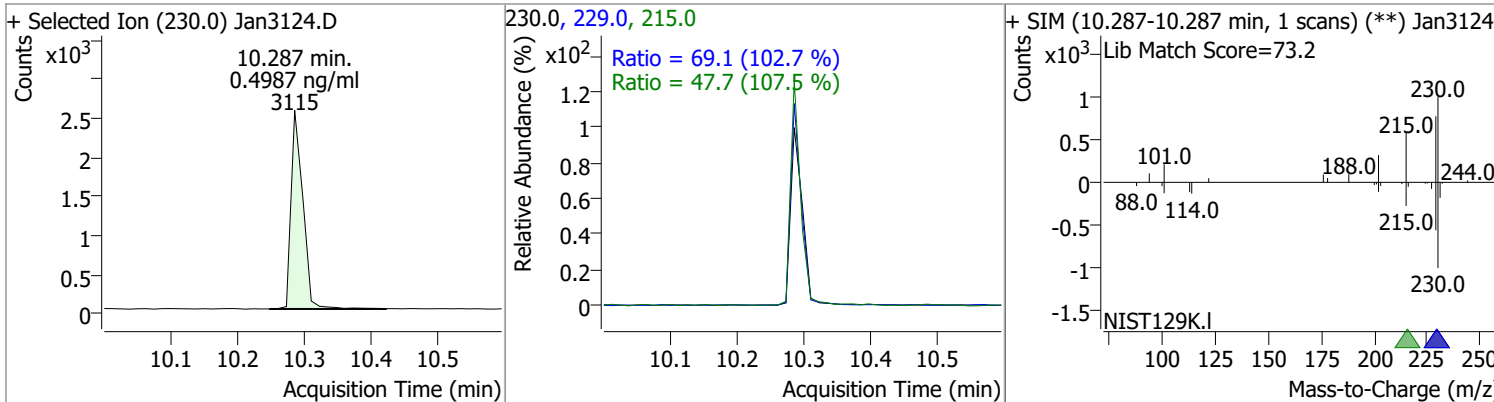
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.79	176.0	18.9



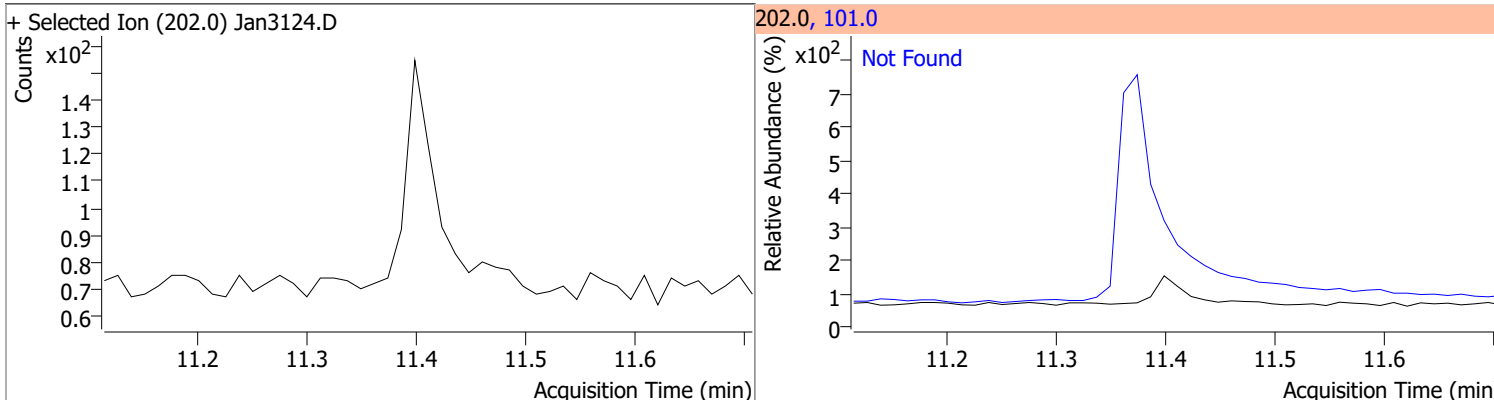
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.85	176.0	18.3



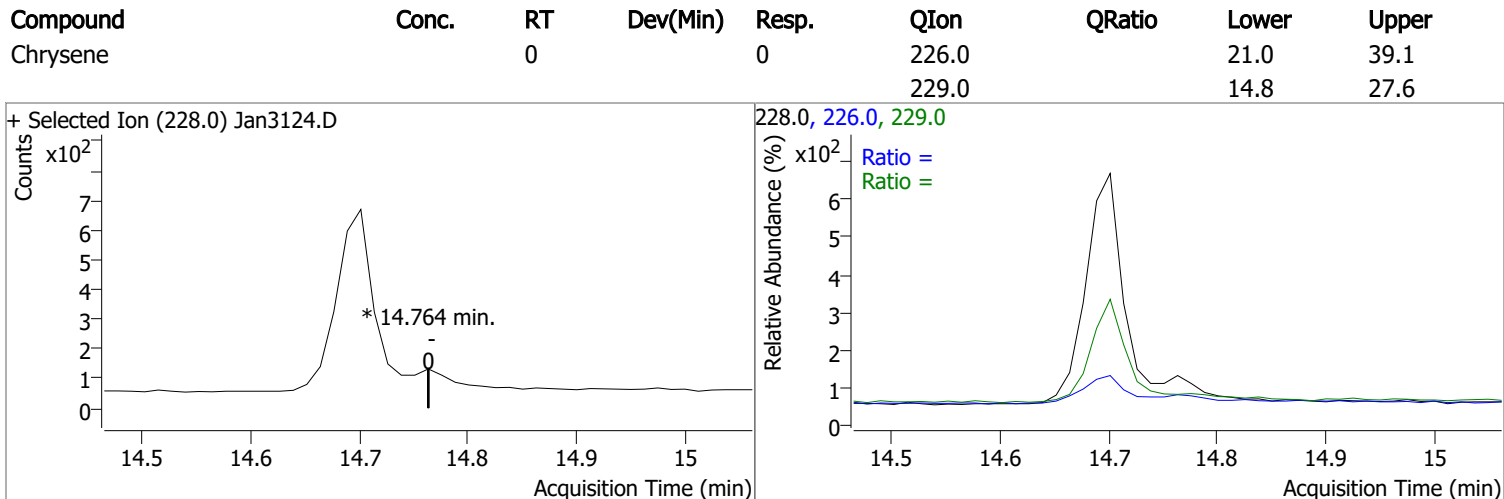
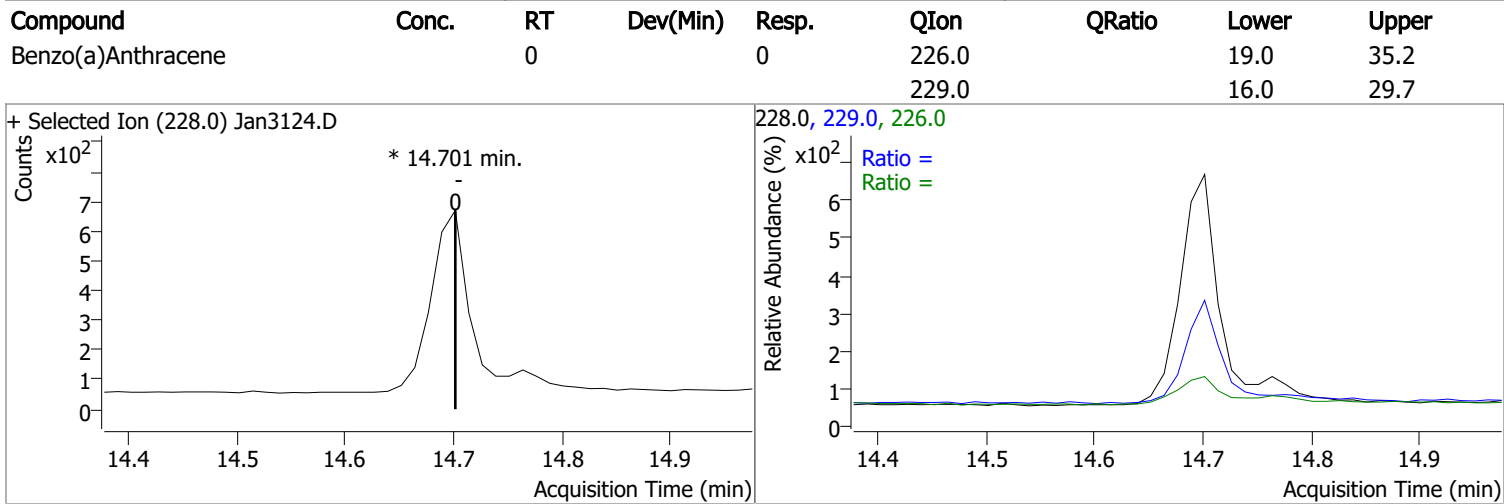
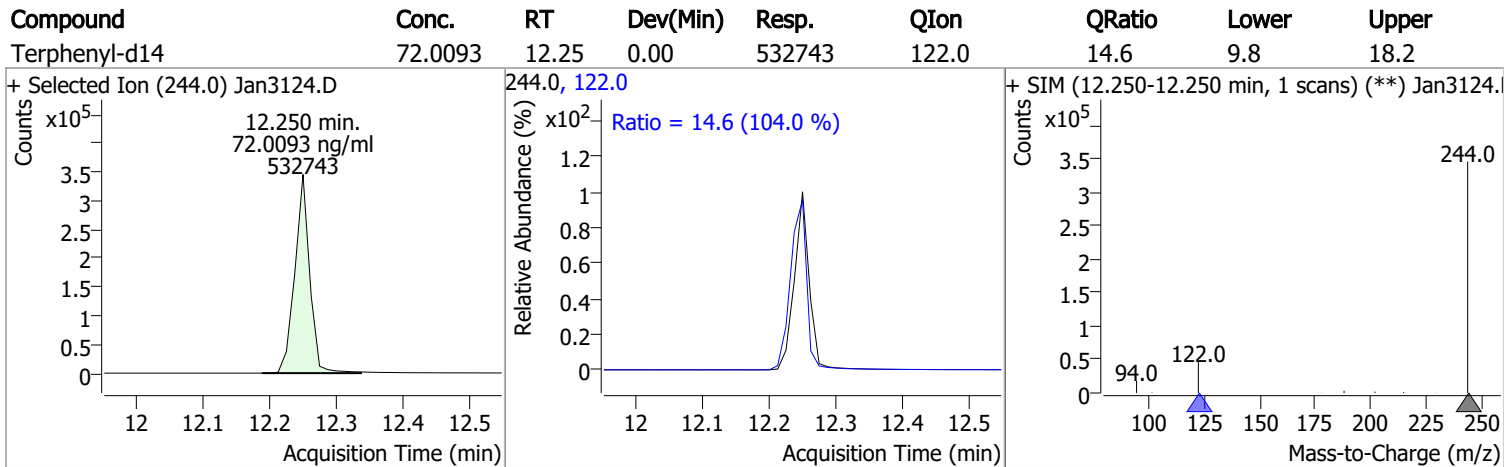
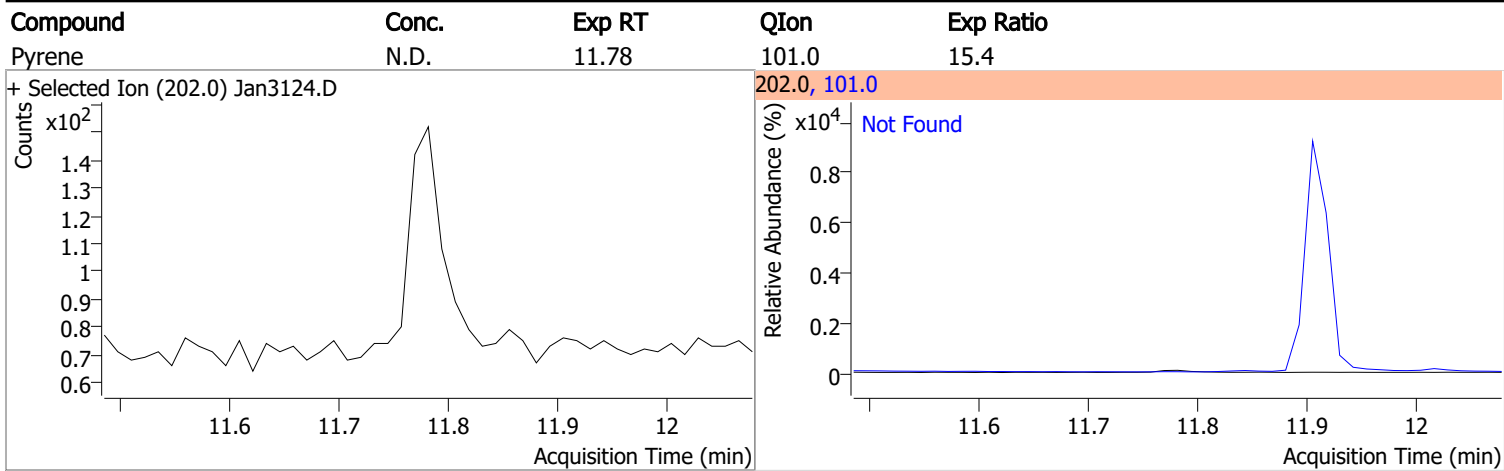
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.4987	10.29	-0.01	3115	229.0	69.1	47.1	87.5
					215.0	47.7	31.1	57.7



Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	12.5

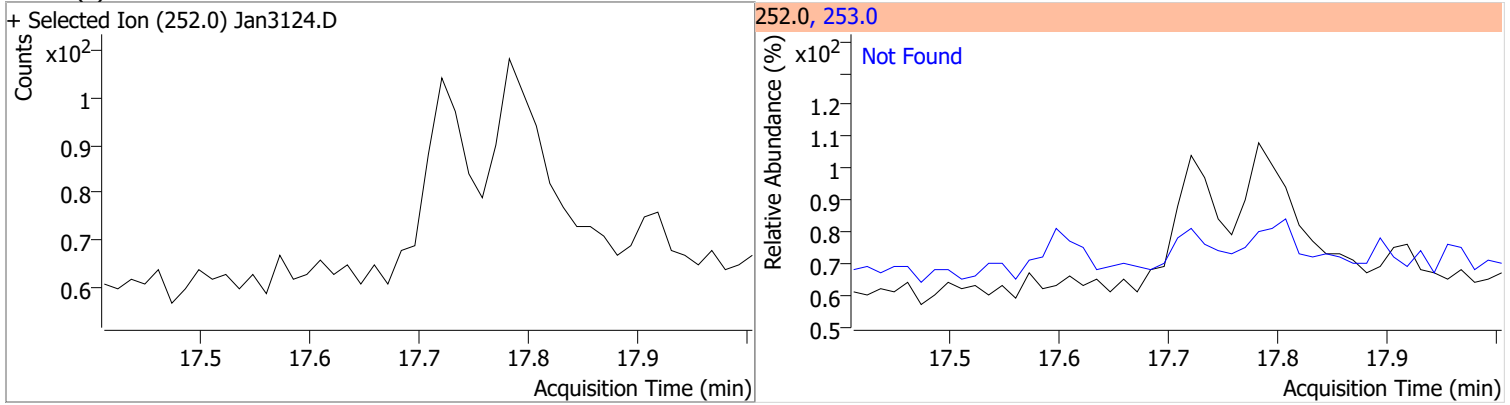


# Quantitation Results Report (QT Reviewed)

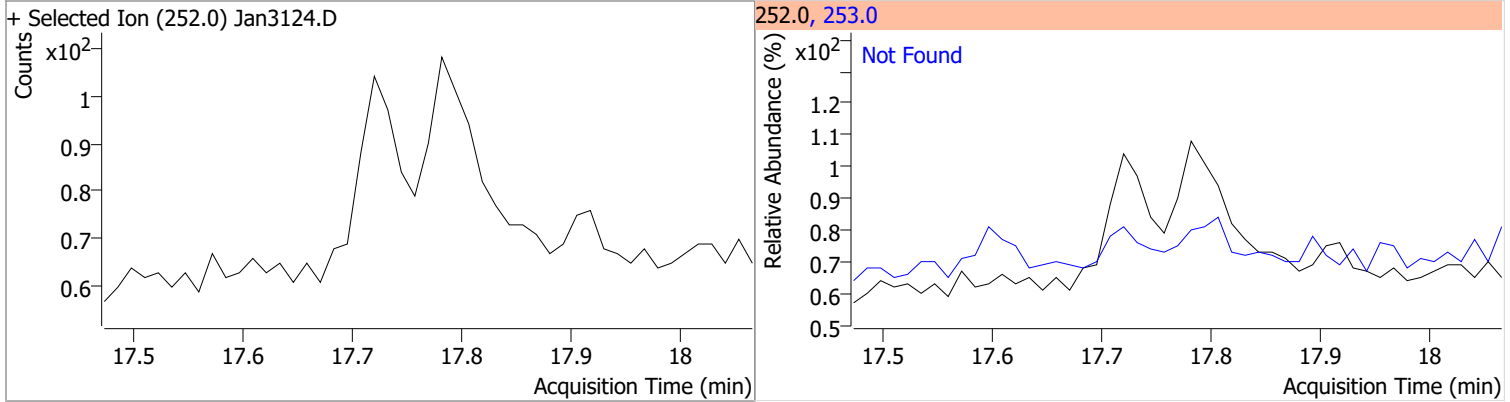


# Quantitation Results Report (QT Reviewed)

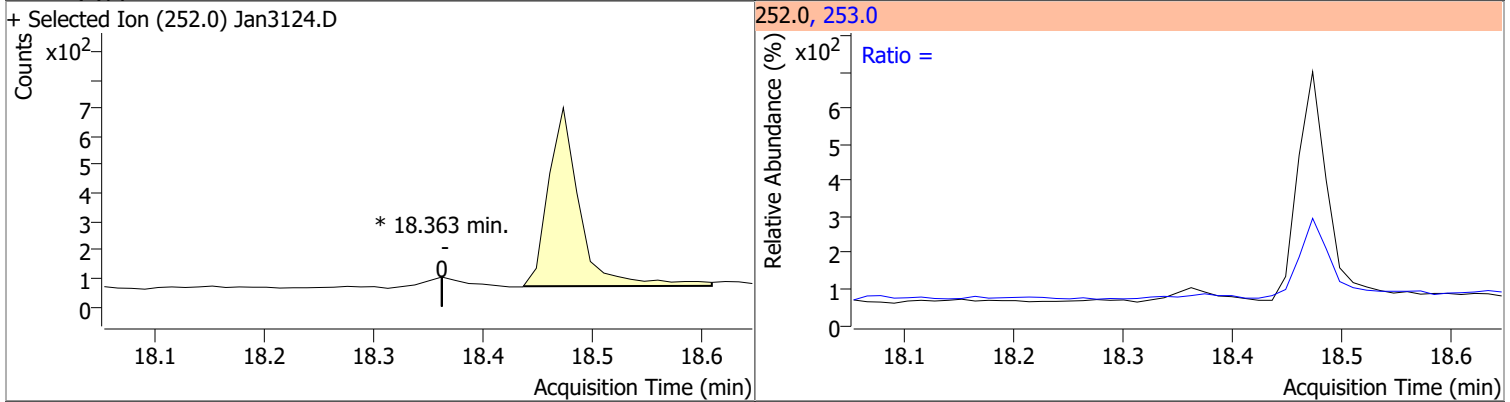
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.71	253.0	21.3



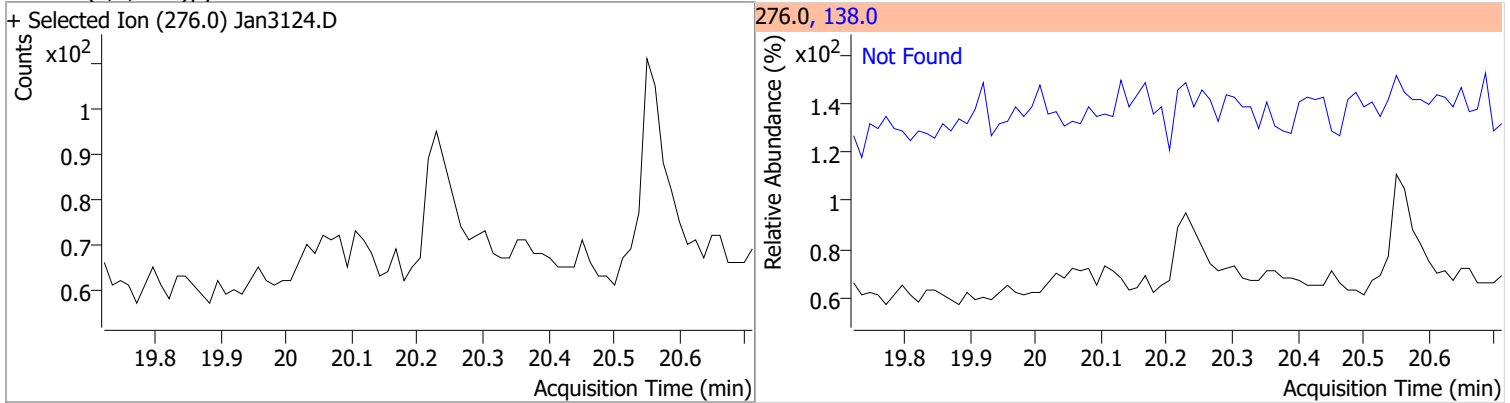
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.77	253.0	18.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.1	29.9



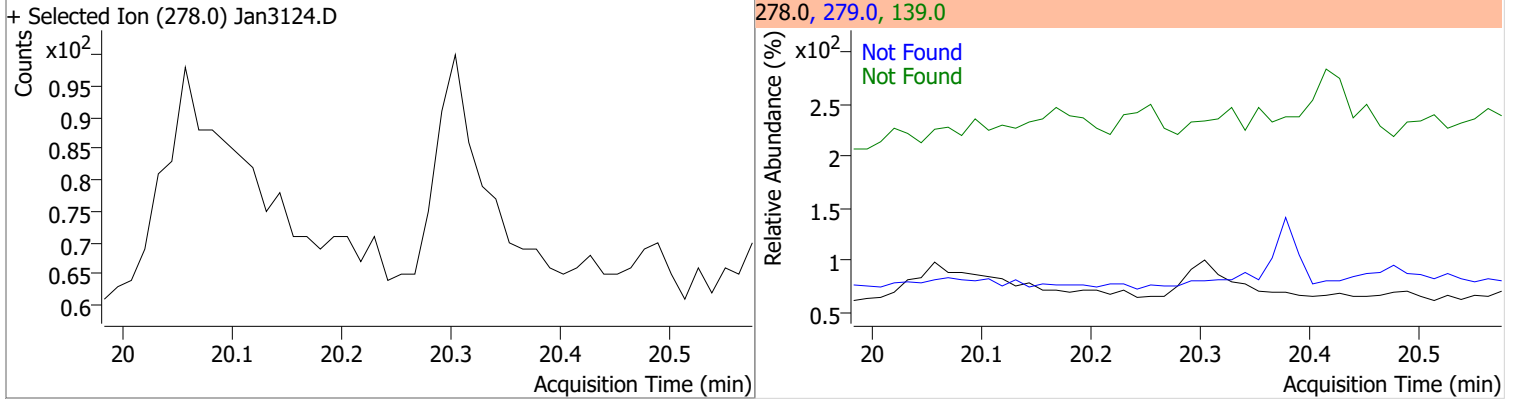
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.22	138.0	22.4



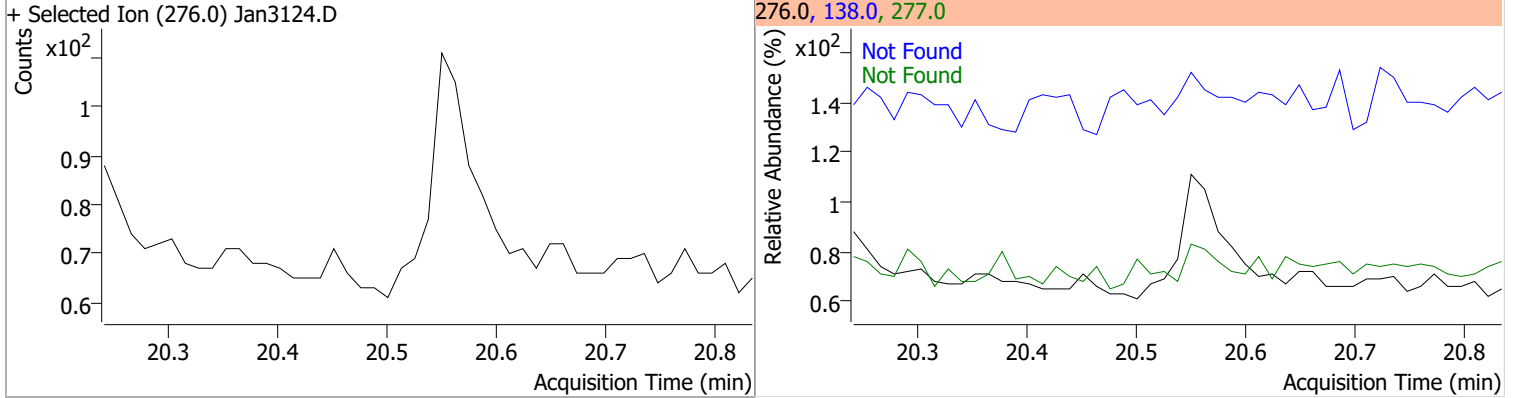


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.28	279.0	24.9	139.0	17.5



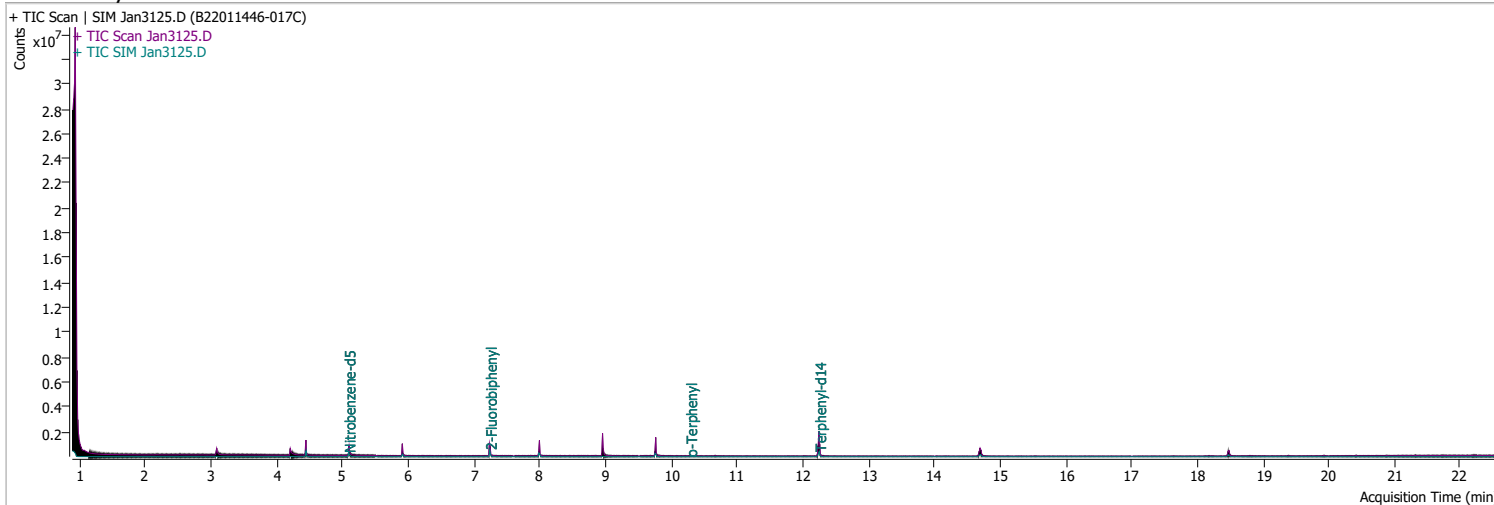
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.54	277.0	24.8	138.0	20.5



# Quantitation Results Report (QT Reviewed)

Data File	Jan3125.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	2/1/2022 12:56:16 AM
Sample Name	B22011446-017C	Instrument	GCMS
Vial	18	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.447	152.0	140769	40.0000	ng/ml	-0.013
M Naphthalene-d8	5.916	136.0	234097	40.0000	ng/ml	0.000
M Acenaphthene-d10	7.988	164.0	154778	40.0000	ng/ml	-0.013
M Phenanthrene-d10	9.755	188.0	349056	40.0000	ng/ml	-0.012
M Chrysene-d12	14.701	240.0	277901	40.0000	ng/ml	0.000
M Perylene-d12	18.474	264.0	184980	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.093	82.0	323608	40.1623	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 803.25%	*	
S 2-Fluorobiphenyl	7.239	172.0	412288	58.8065	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1176.13%	*	
S o-Terphenyl	10.287	230.0	422	0.0363	ng/ml	m -0.012
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 0.73%	*	
S Terphenyl-d14	12.251	244.0	508044	74.6029	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1492.06%	*	
<b>Target Compounds</b>						<b>QValue</b>
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.025	154.0	0		ng/ml	md 1
T Fluorene	8.661	166.0	0		ng/ml	md 1
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.701	228.0	0		ng/ml	md 1
T Chrysene	14.764	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	0.000		0	N.D.		

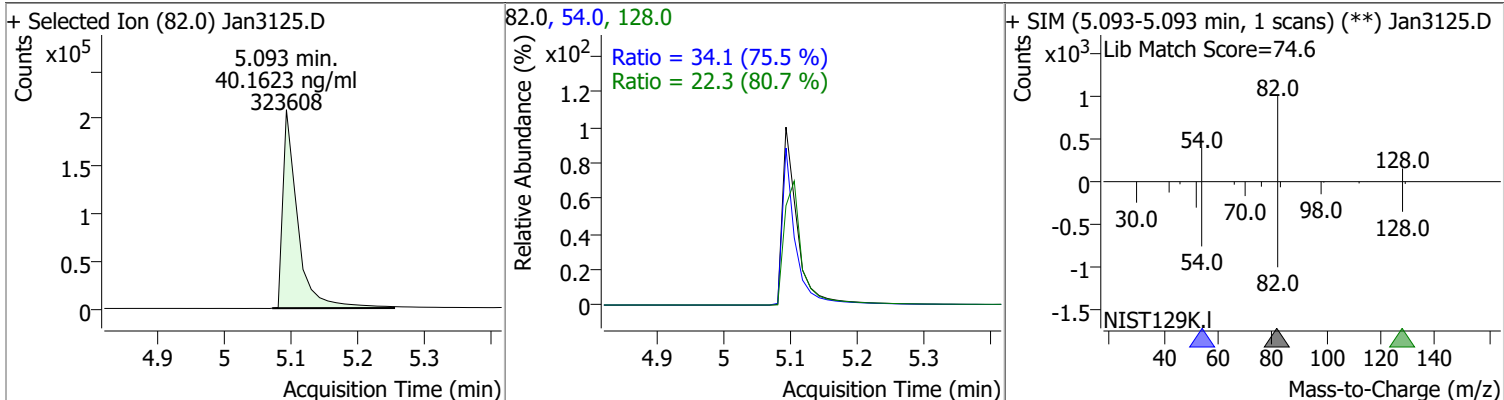
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.363	252.0	0		ng/ml	md
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

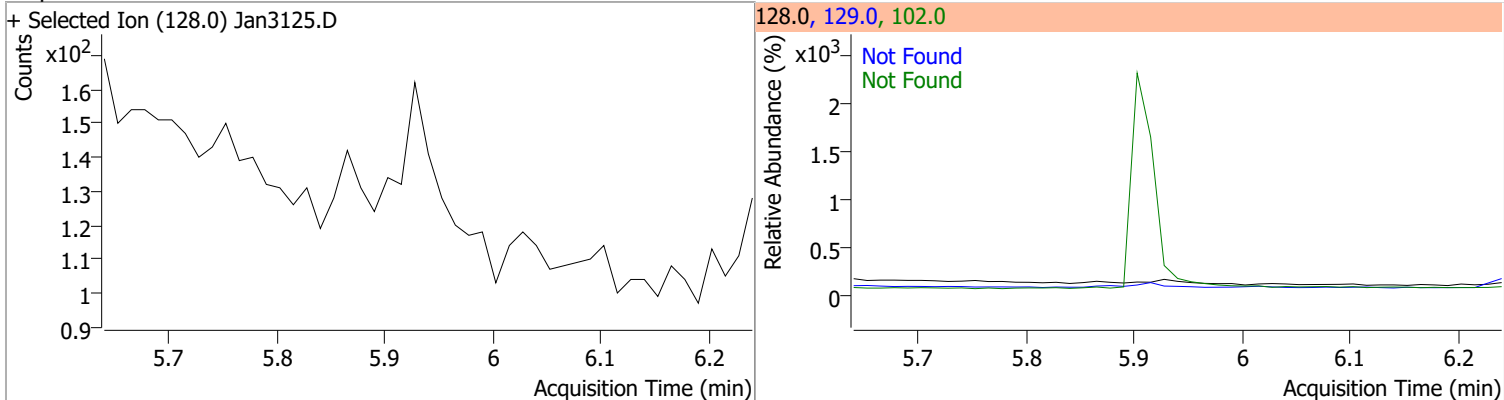
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

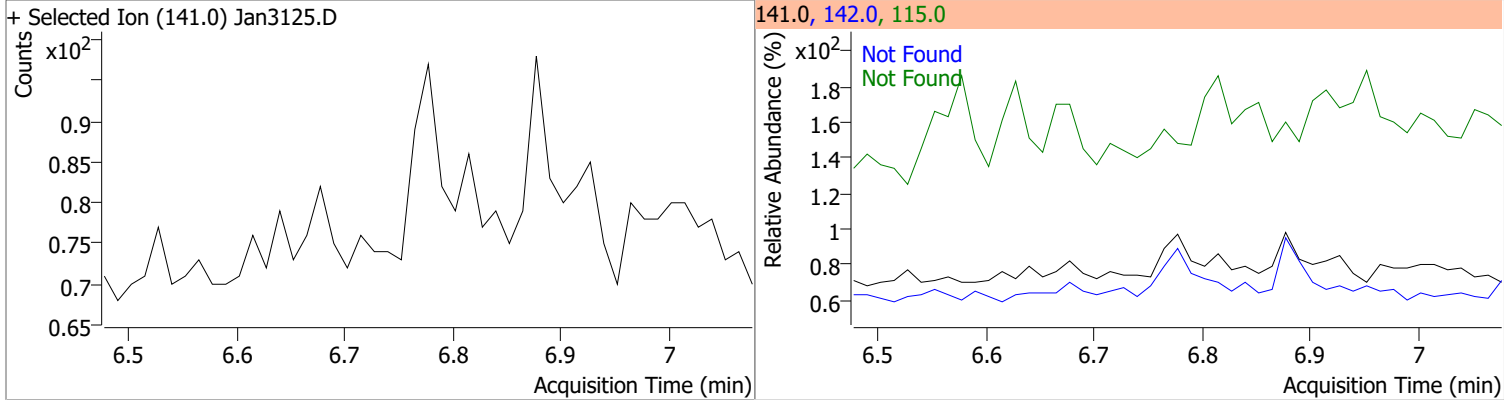
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	40.1623	5.09	-0.03	323608	54.0	34.1	31.6	58.8
					128.0	22.3	19.3	35.9



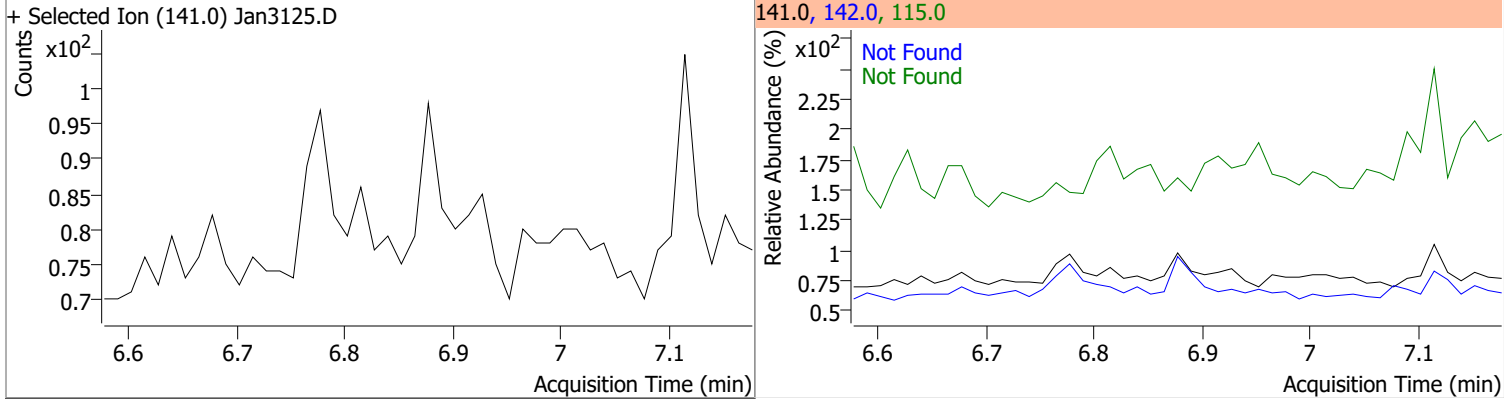
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1

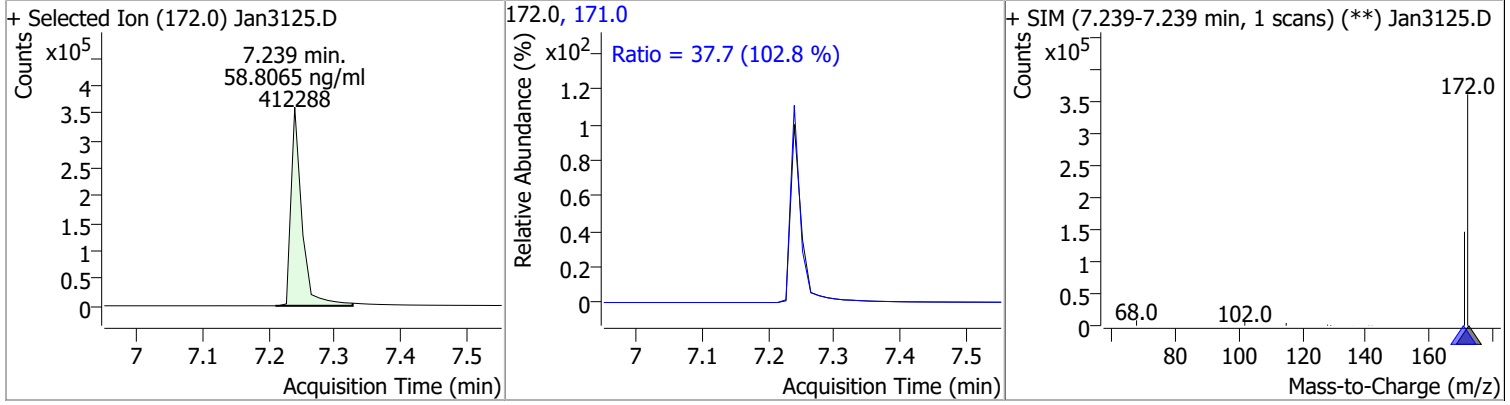


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3

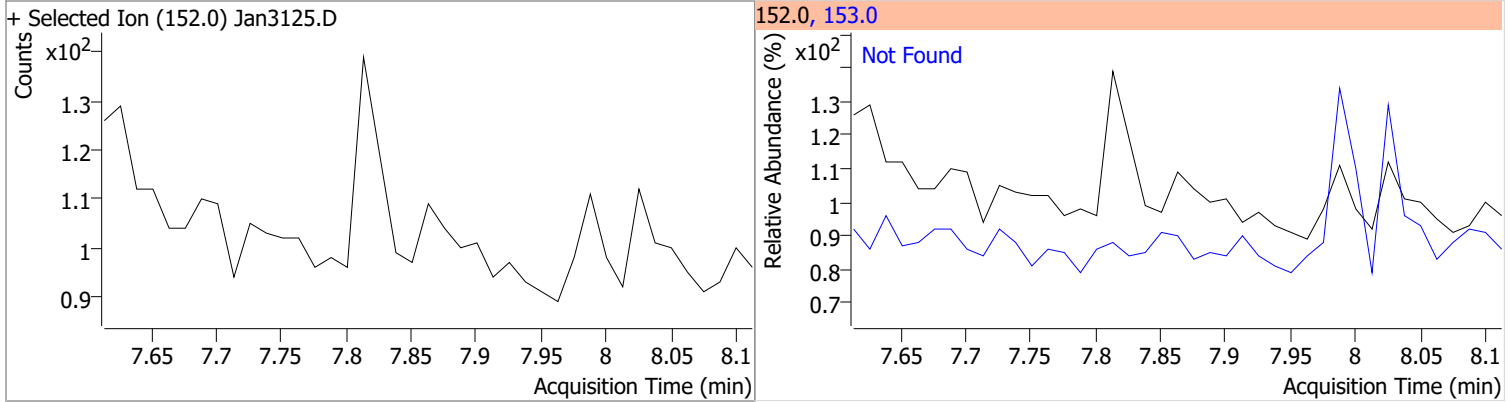


# Quantitation Results Report (QT Reviewed)

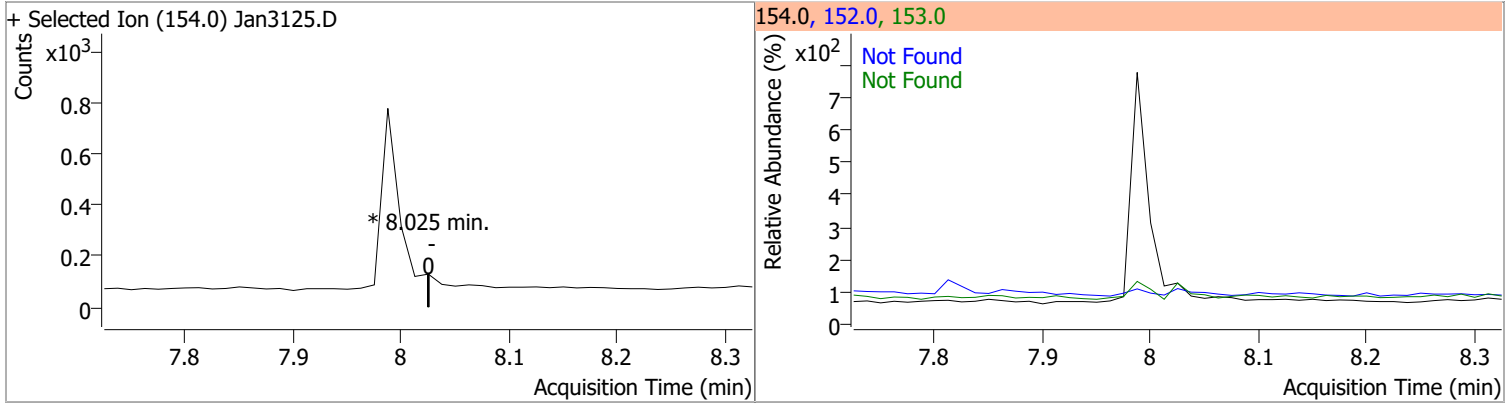
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	58.8065	7.24	-0.01	412288	171.0	37.7	25.6	47.6



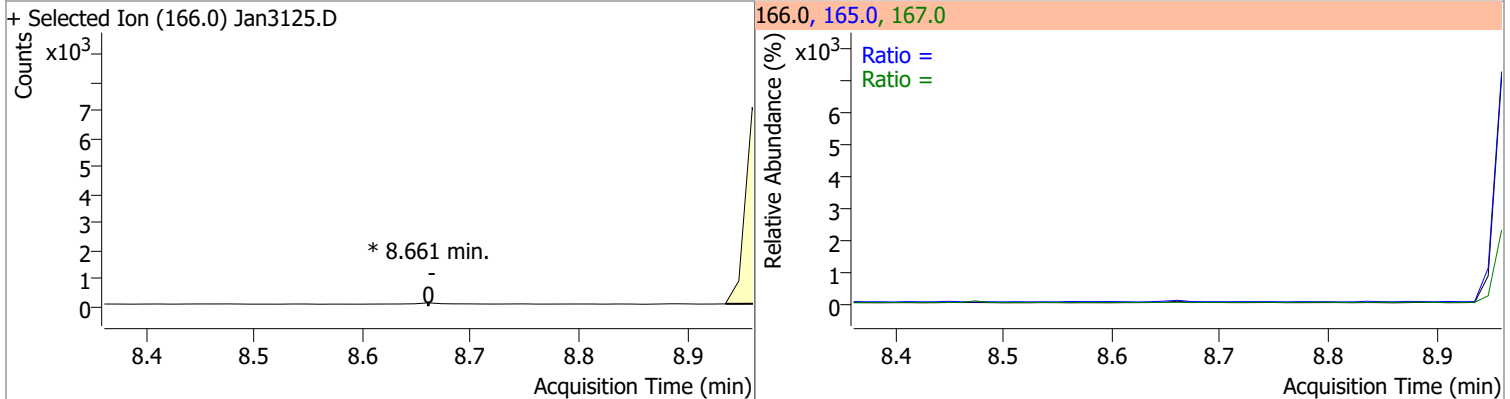
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.81	153.0	13.1



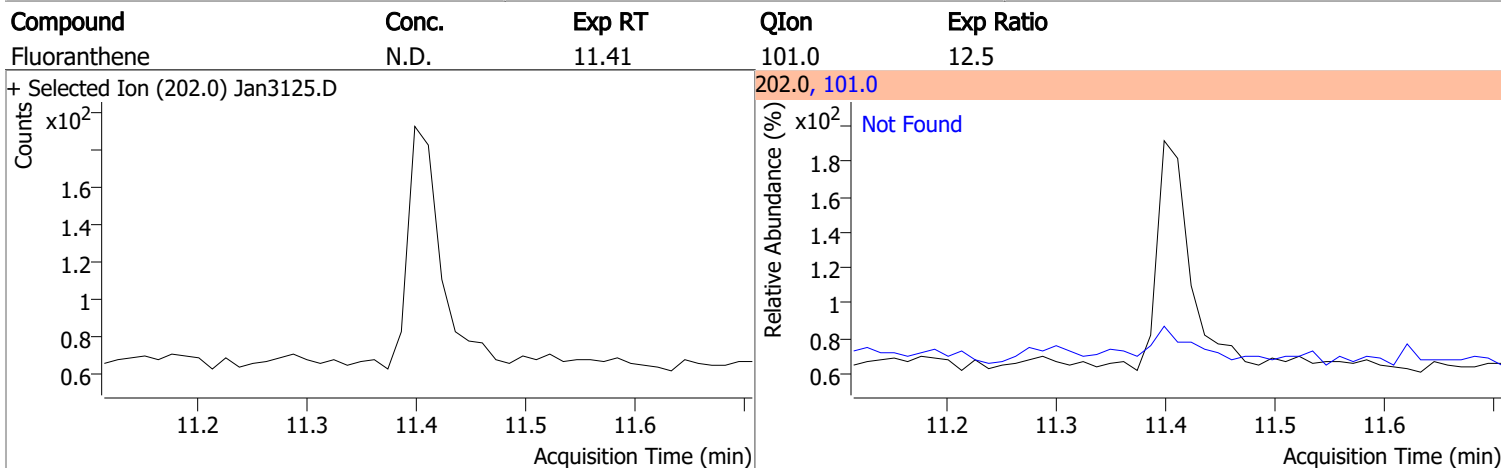
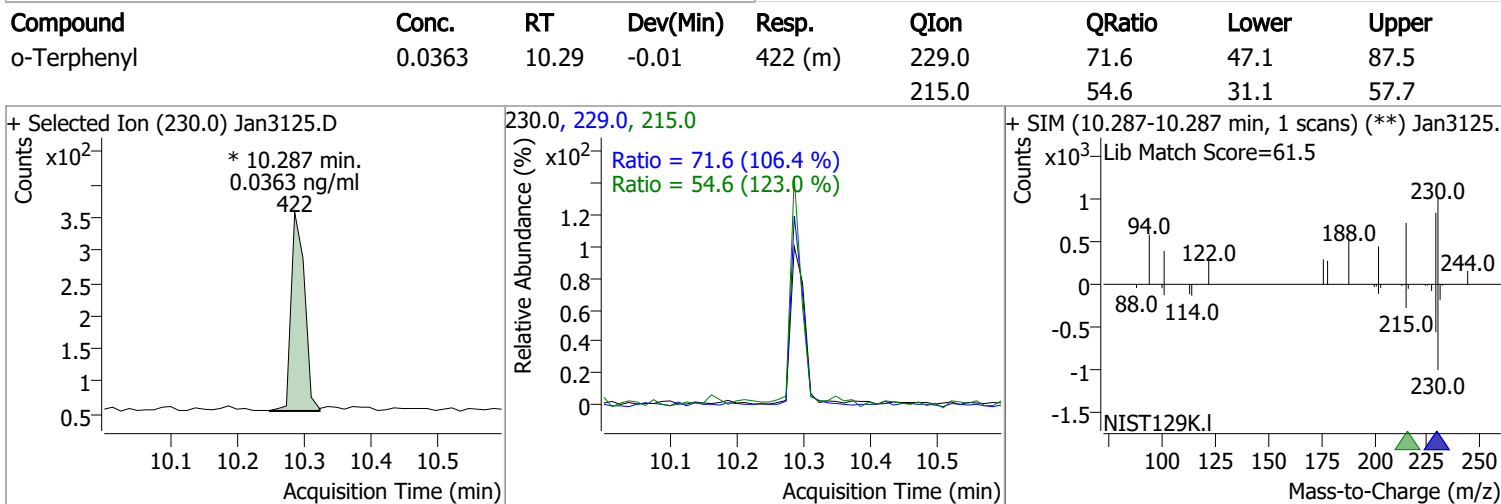
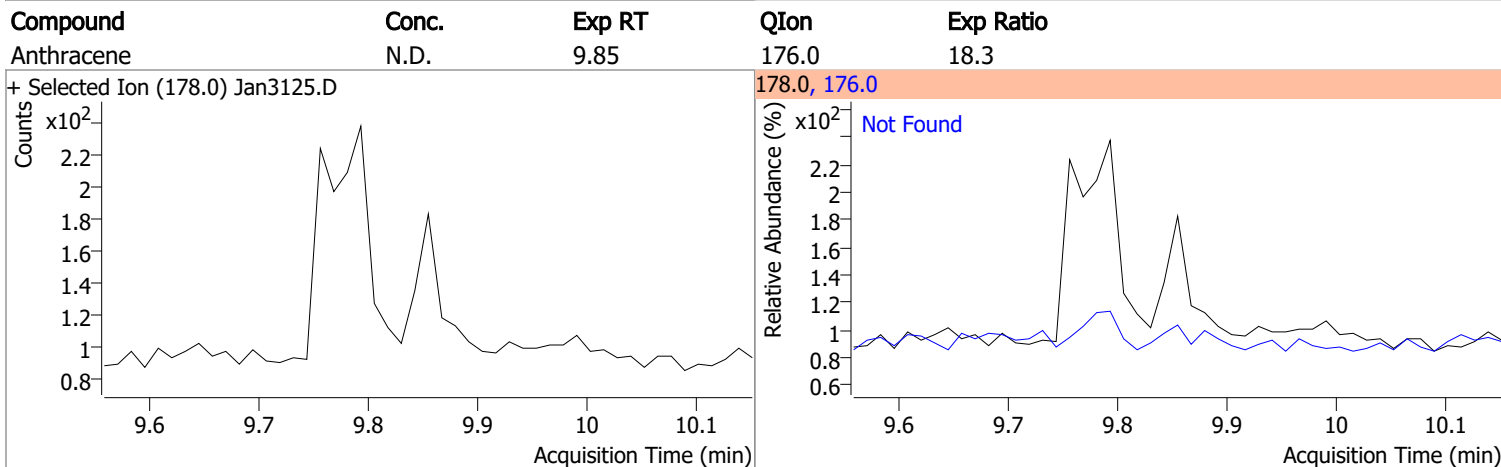
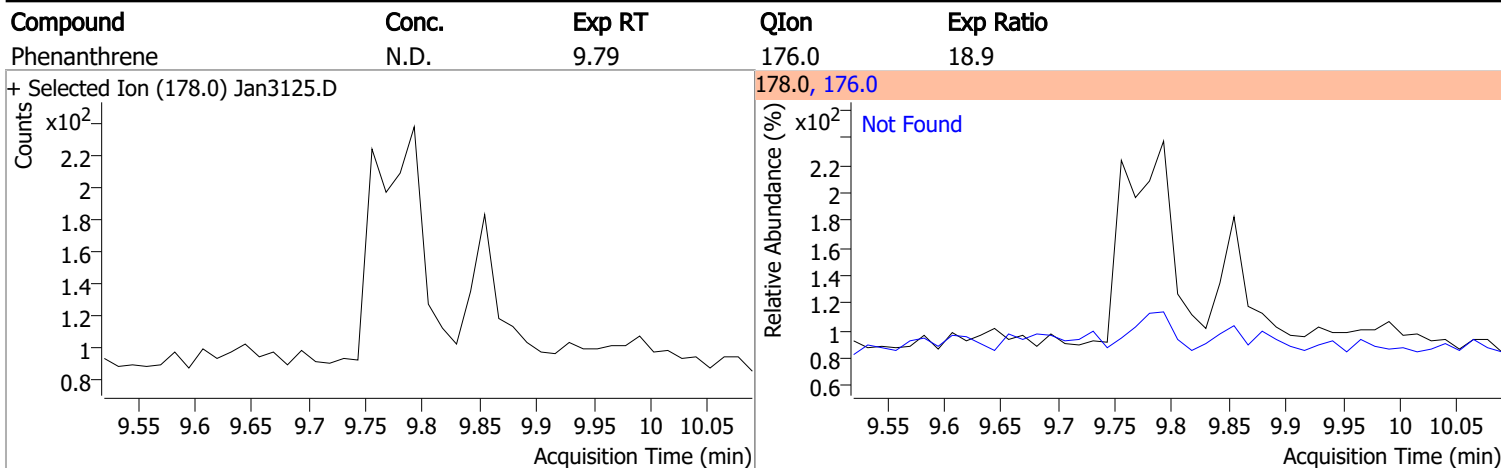
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		83.9	155.8
					152.0		40.9	76.0



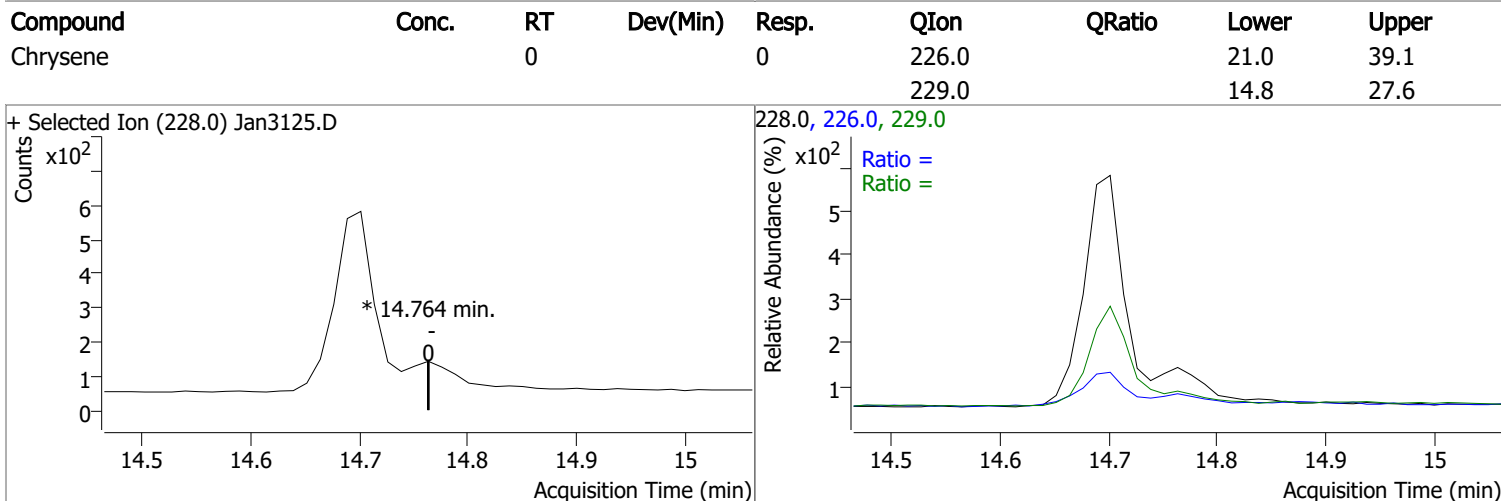
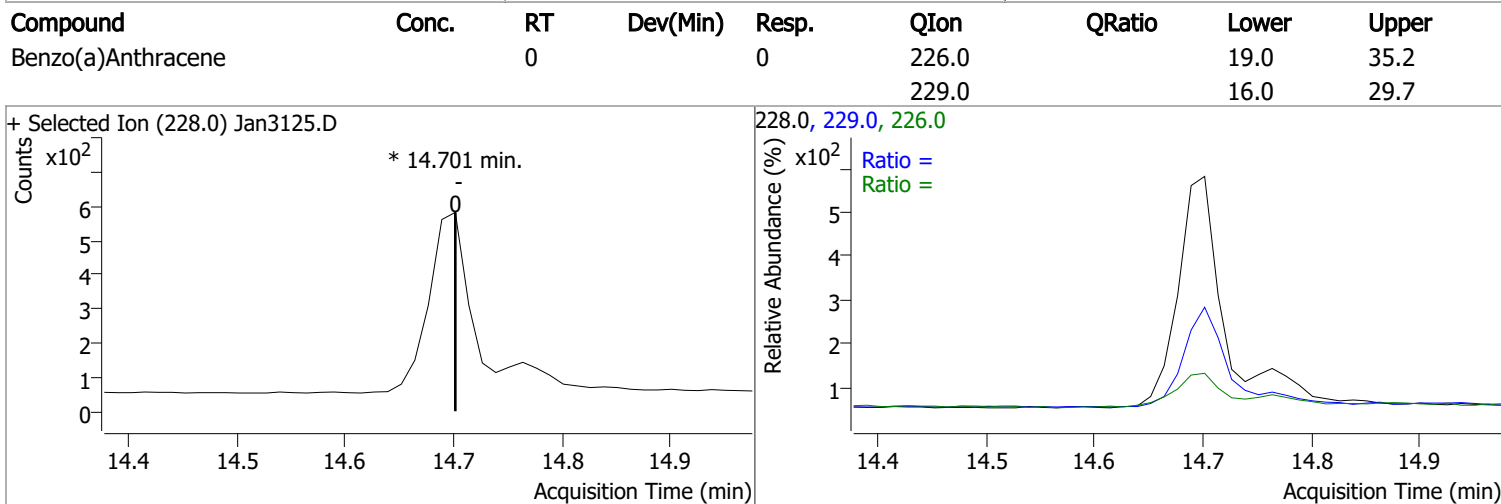
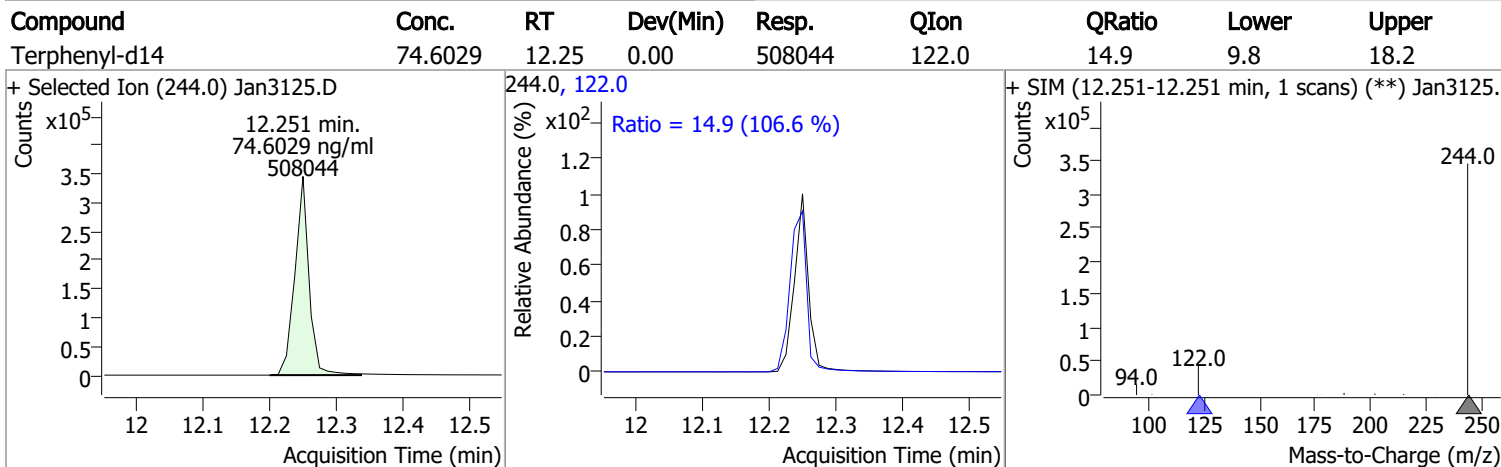
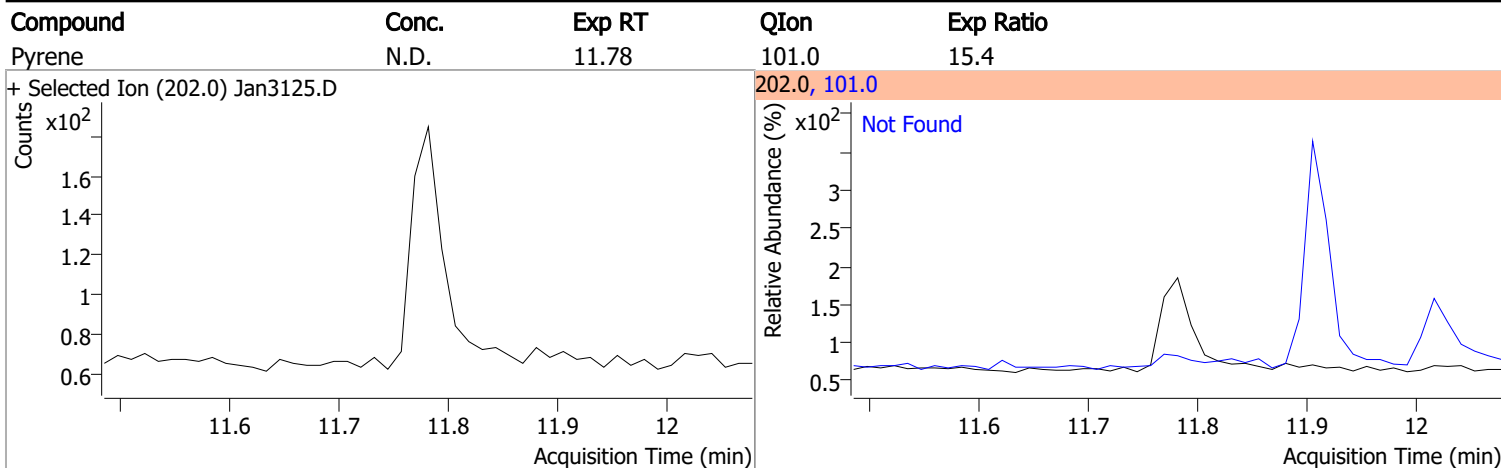
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		67.0	124.5
					167.0		9.2	17.1



# Quantitation Results Report (QT Reviewed)

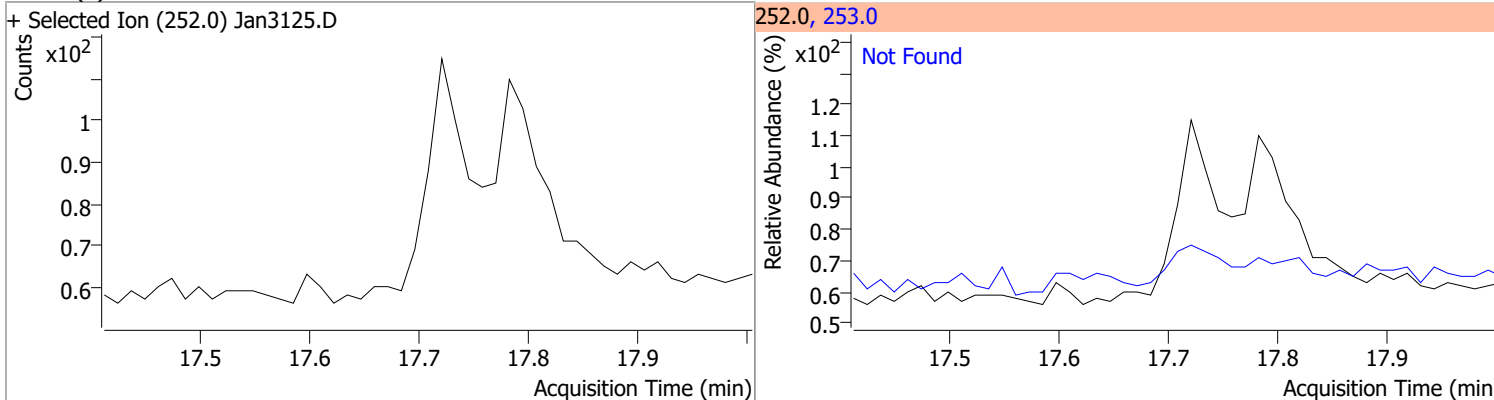


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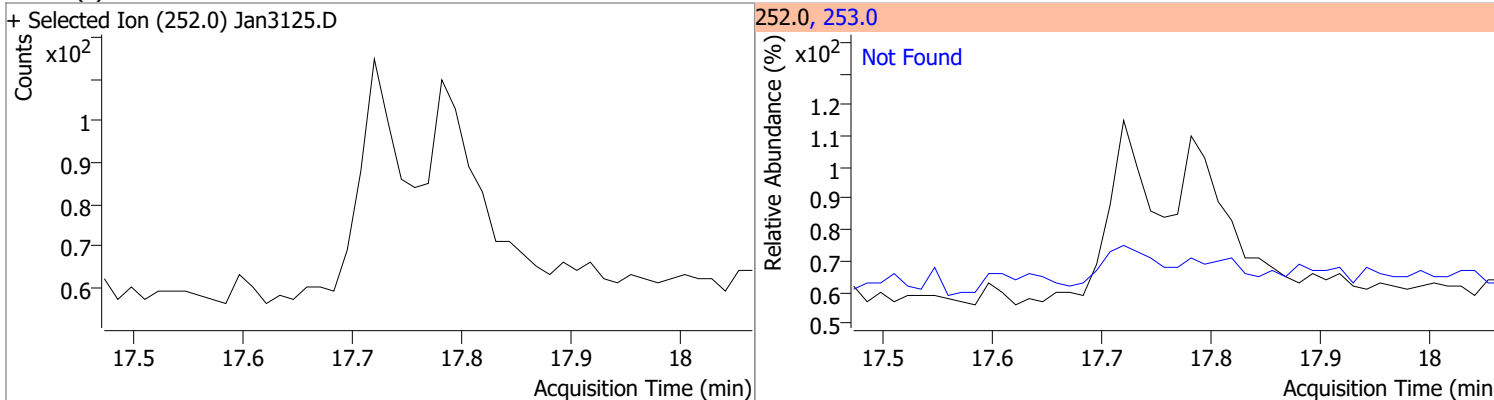


# Quantitation Results Report (QT Reviewed)

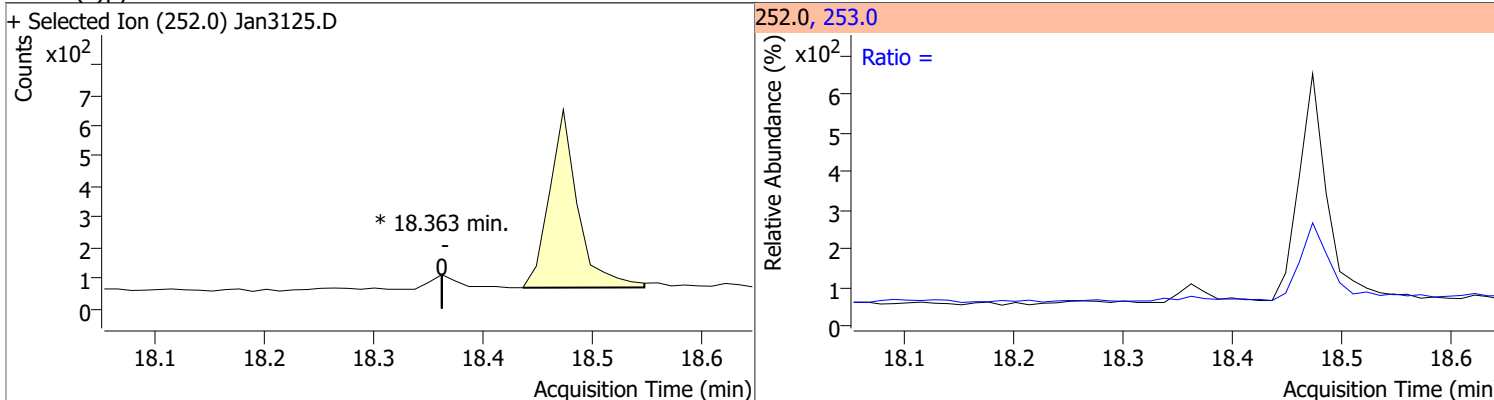
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.71	253.0	21.3



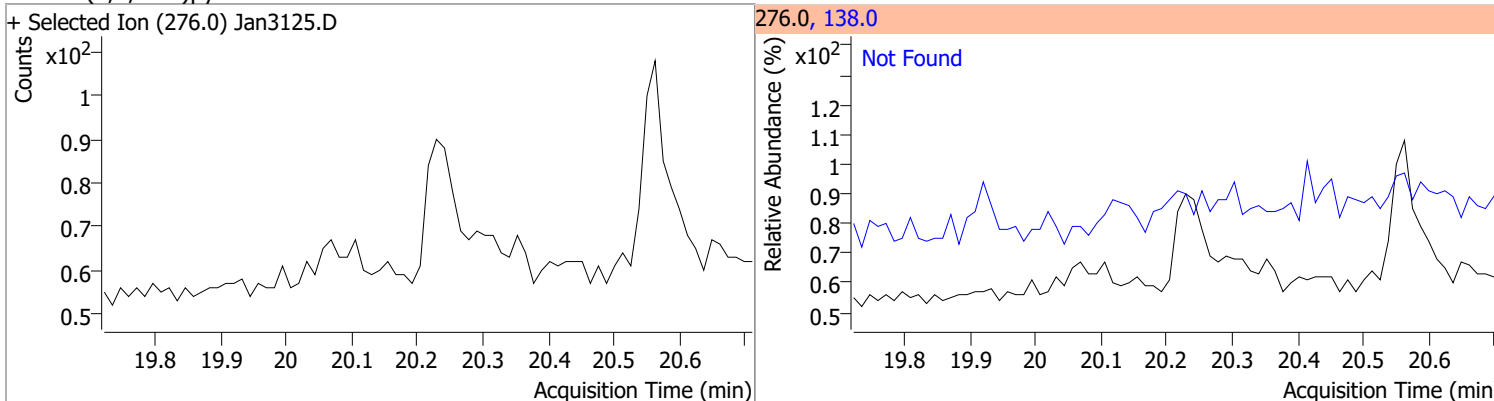
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.77	253.0	18.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.1	29.9



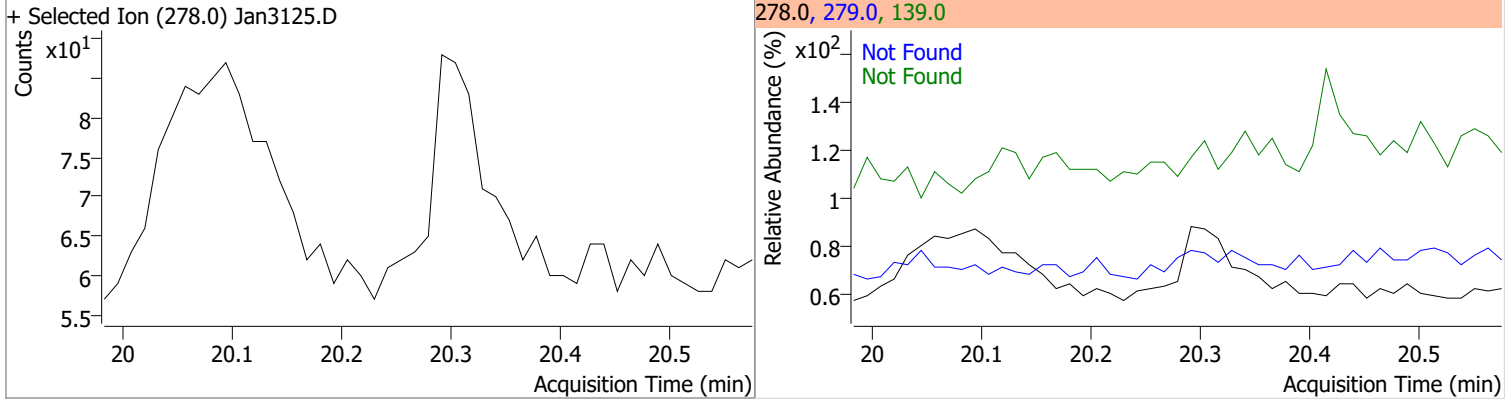
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.22	138.0	22.4



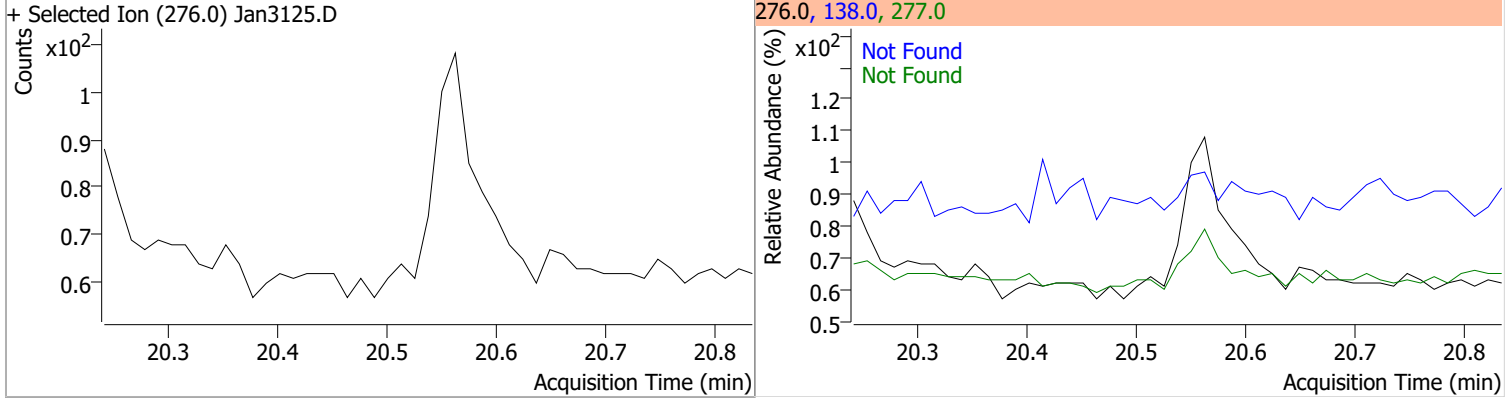


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.28	279.0	24.9	139.0	17.5



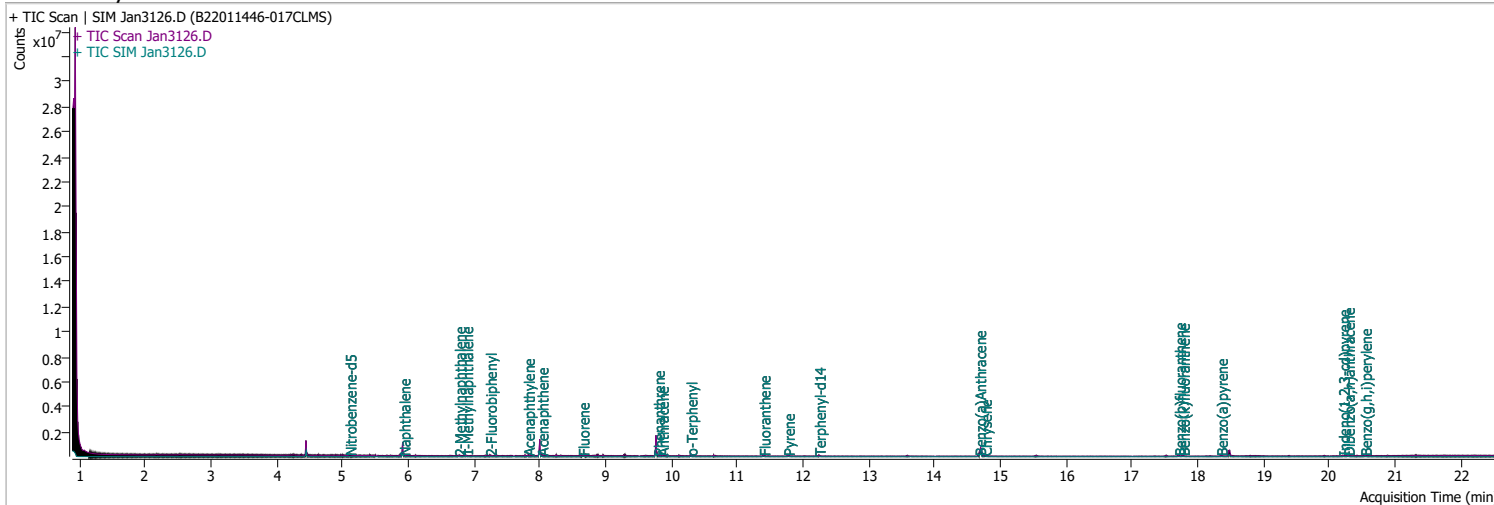
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.54	277.0	24.8	138.0	20.5



# Quantitation Results Report (QT Reviewed)

Data File	Jan3126.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	2/1/2022 1:28:32 AM
Sample Name	B22011446-017CLMS	Instrument	GCMS
Vial	19	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.447	152.0	139766	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.916	136.0	236238	40.0000	ng/ml	0.000
M Acenaphthene-d10	7.988	164.0	158639	40.0000	ng/ml	-0.012
M Phenanthrene-d10	9.756	188.0	353519	40.0000	ng/ml	-0.012
M Chrysene-d12	14.702	240.0	287837	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	191894	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	11974	3.5926	ng/ml	-0.012
Spiked Amount: 5.000	Range: 19.0 - 102.0%		Recovery = 71.85%			
S 2-Fluorobiphenyl	7.240	172.0	25136	4.0403	ng/ml	-0.012
Spiked Amount: 5.000	Range: 25.0 - 94.0%		Recovery = 80.81%			
S o-Terphenyl	10.287	230.0	28014	5.2608	ng/ml	-0.012
Spiked Amount: 5.000	Range: 40.0 - 140.0%		Recovery = 105.22%			
S Terphenyl-d14	12.238	244.0	24655	5.1796	ng/ml	-0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%		Recovery = 103.59%			
<b>Target Compounds</b>						
T Naphthalene	5.928	128.0	20318	3.3548	ng/ml	95
T 2-Methylnaphthalene	6.765	141.0	13740	3.7523	ng/ml	90
T 1-Methylnaphthalene	6.877	141.0	13946	3.7554	ng/ml	91
T Acenaphthylene	7.814	152.0	30899	4.2498	ng/ml	97
T Acenaphthene	8.025	154.0	20346	4.5695	ng/ml	97
T Fluorene	8.649	166.0	27459	4.4900	ng/ml	97
T Phenanthrene	9.793	178.0	44100	4.7906	ng/ml	99
T Anthracene	9.854	178.0	41909	5.0728	ng/ml	97
T Fluoranthene	11.398	202.0	54699	5.0652	ng/ml	98
T Pyrene	11.769	202.0	59928	4.9215	ng/ml	95
T Benzo(a)Anthracene	14.677	228.0	45494	5.5144	ng/ml	98
T Chrysene	14.764	228.0	54159	4.8781	ng/ml	98
T Benzo(b)fluoranthene	17.709	252.0	38639	4.9380	ng/ml	98

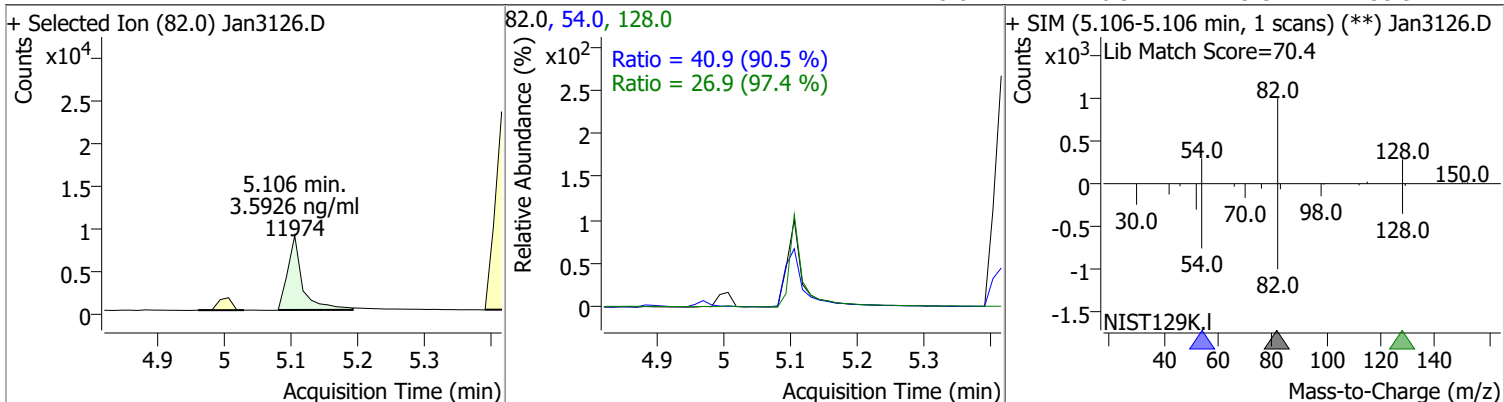
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	45698	5.0062	ng/ml	93
T Benzo(a)pyrene	18.351	252.0	32453	4.9782	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.204	276.0	30927	5.2716	ng/ml	90
T Dibenzo(a,h)anthracene	20.279	278.0	35977	5.4773	ng/ml	98
T Benzo(g,h,i)perylene	20.538	276.0	40788	4.9198	ng/ml	97

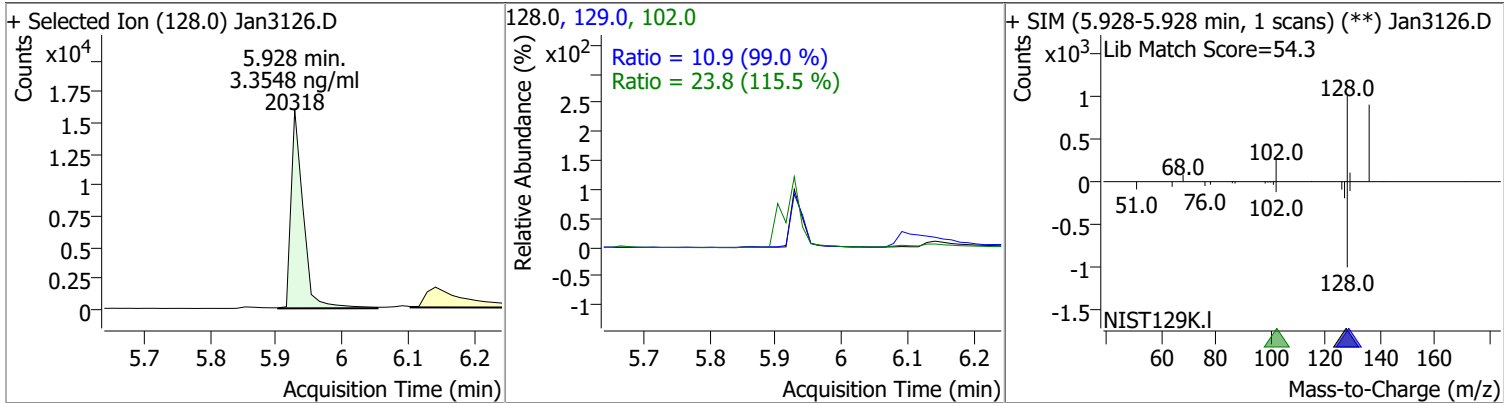
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

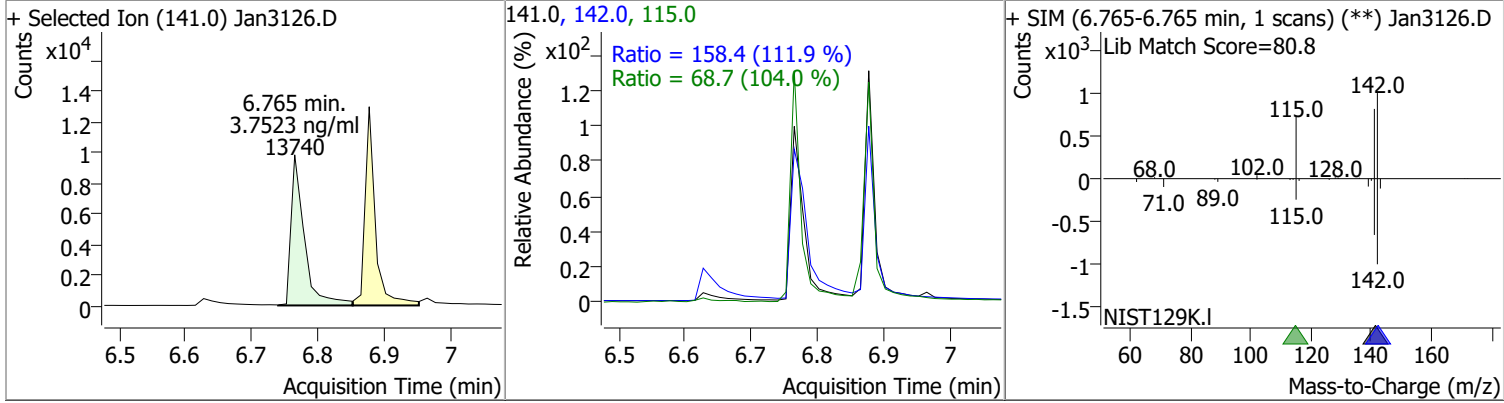
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	3.5926	5.11	-0.01	11974	54.0	40.9	31.6	58.8
					128.0	26.9	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.3548	5.93	-0.01	20318	102.0	23.8	0.0	61.8
					129.0	10.9	7.7	14.3

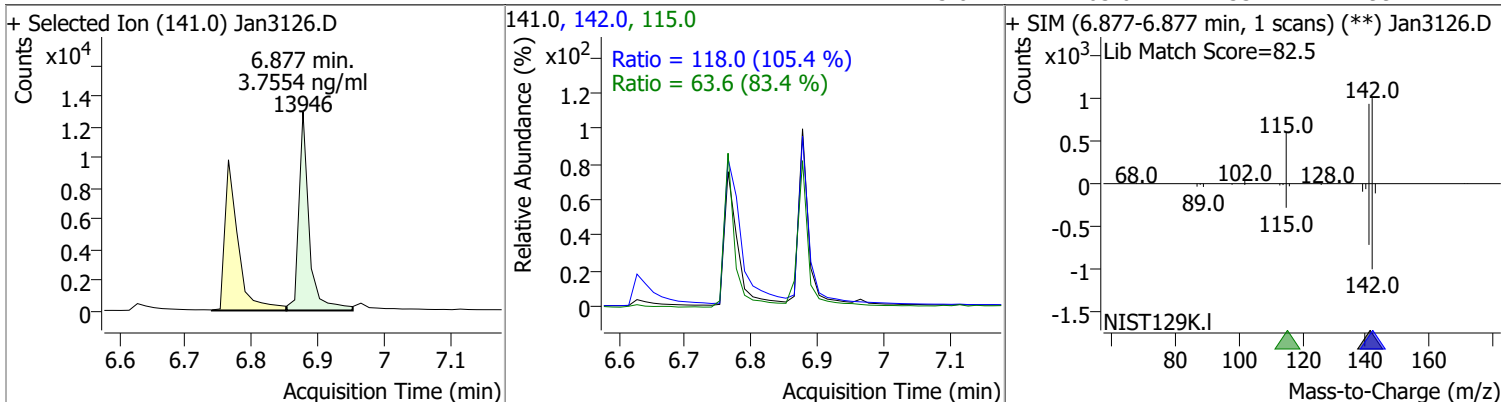


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.7523	6.76	-0.01	13740	142.0	158.4	99.1	184.0
					115.0	68.7	46.3	86.0

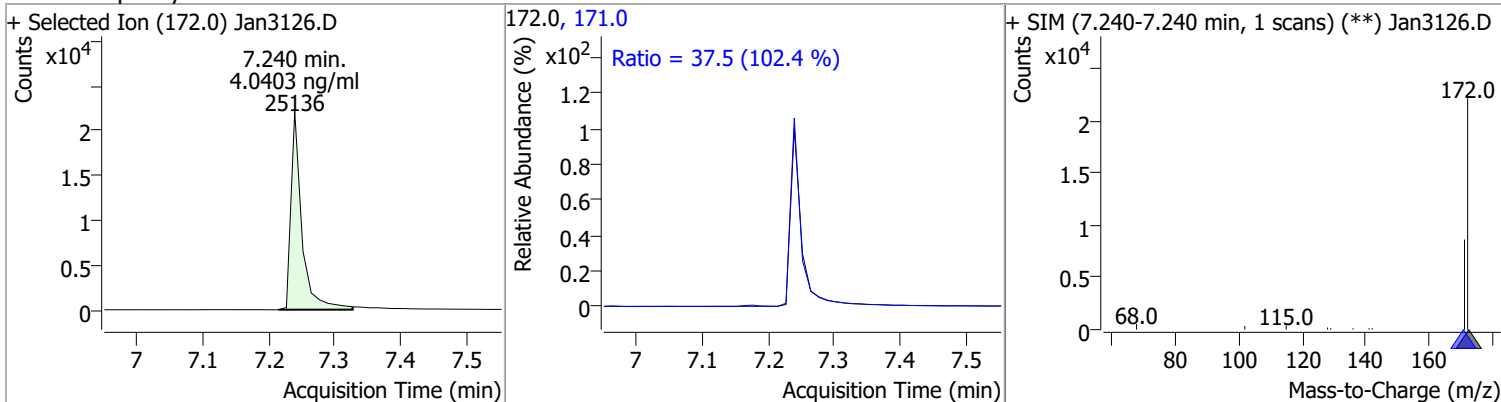


# Quantitation Results Report (QT Reviewed)

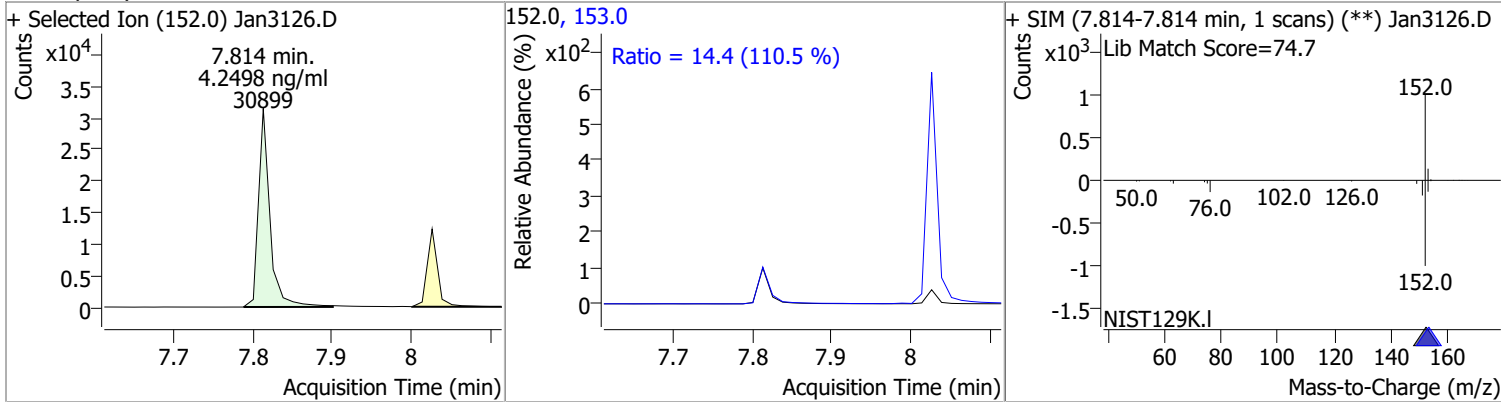
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	3.7554	6.88	0.00	13946	142.0 115.0	118.0 63.6	78.3 53.4	145.5 99.2



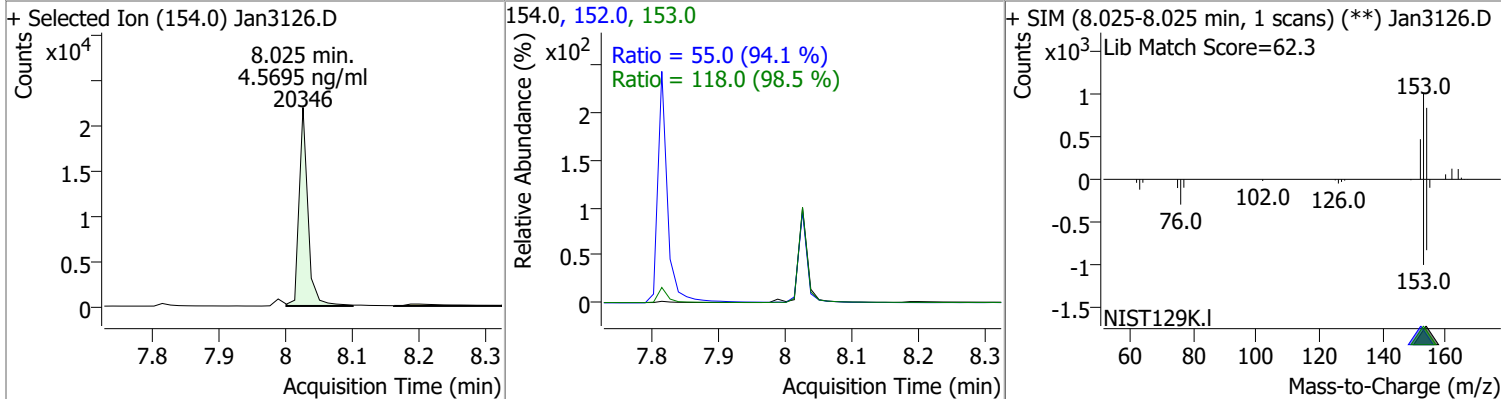
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	4.0403	7.24	-0.01	25136	171.0	37.5	25.6	47.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	4.2498	7.81	0.00	30899	153.0	14.4	9.1	17.0

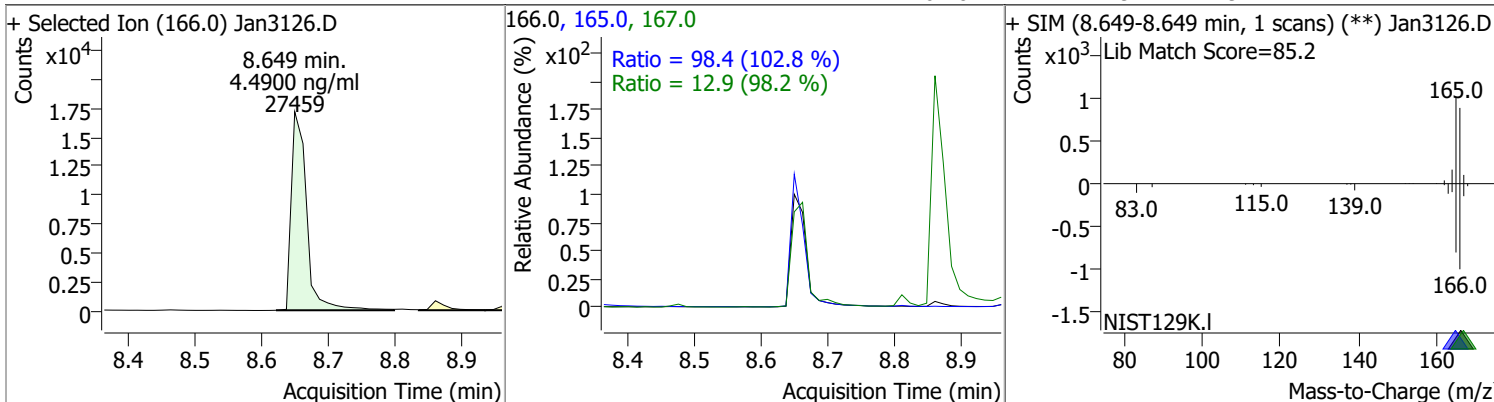


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	4.5695	8.03	0.00	20346	153.0 152.0	118.0 55.0	83.9 40.9	155.8 76.0

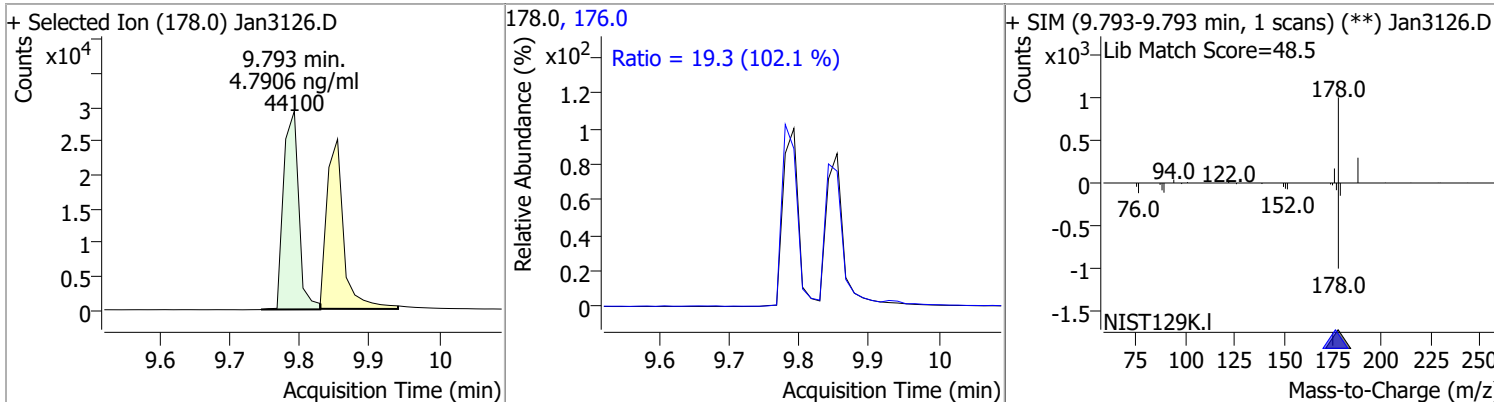


# Quantitation Results Report (QT Reviewed)

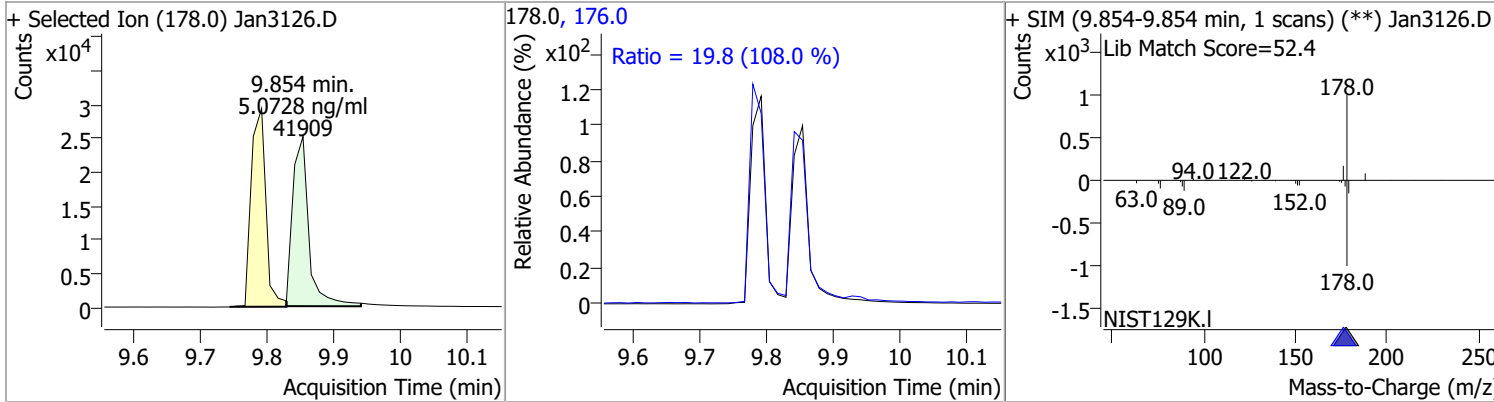
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	4.4900	8.65	-0.01	27459	165.0	98.4	67.0	124.5
					167.0	12.9	9.2	17.1



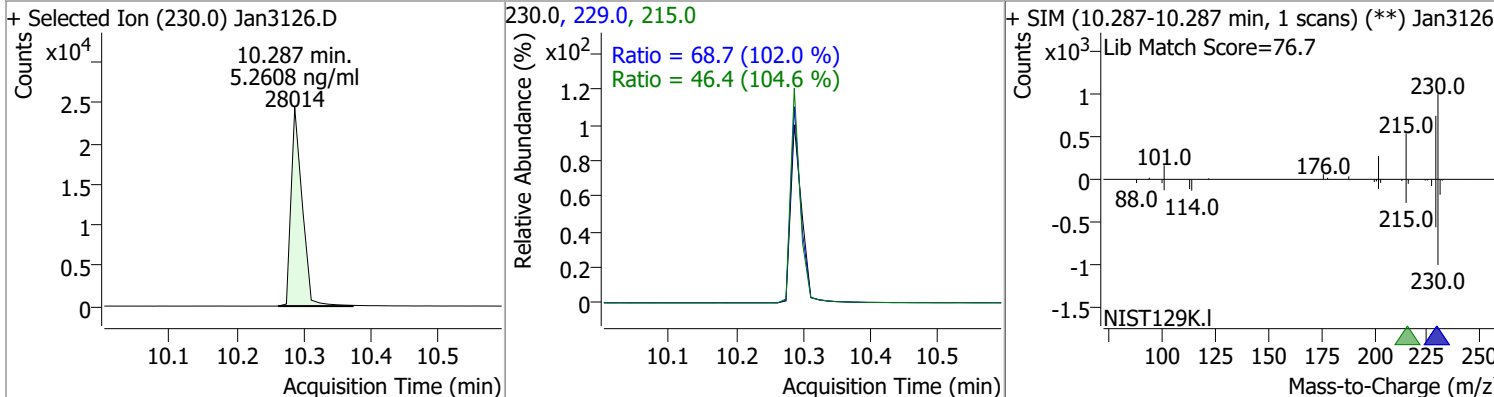
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.7906	9.79	0.00	44100	176.0	19.3	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	5.0728	9.85	0.00	41909	176.0	19.8	12.8	23.8

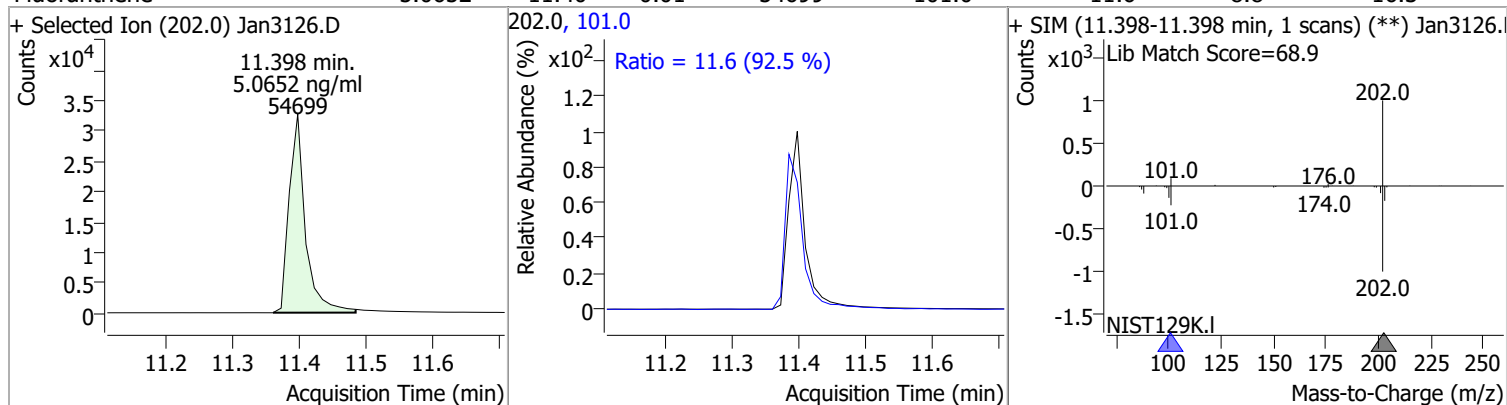


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	5.2608	10.29	-0.01	28014	229.0	68.7	47.1	87.5
					215.0	46.4	31.1	57.7

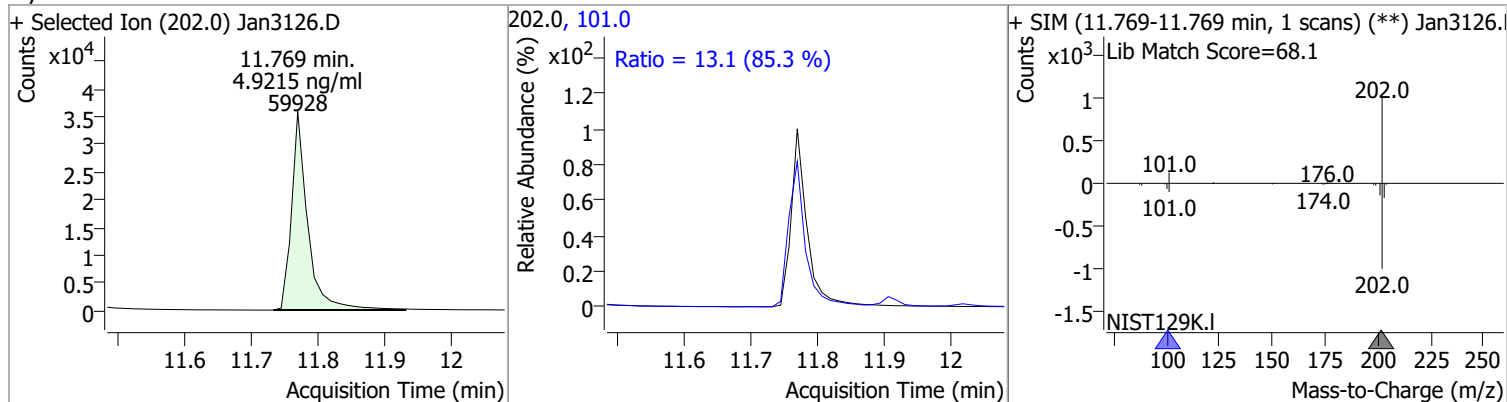


# Quantitation Results Report (QT Reviewed)

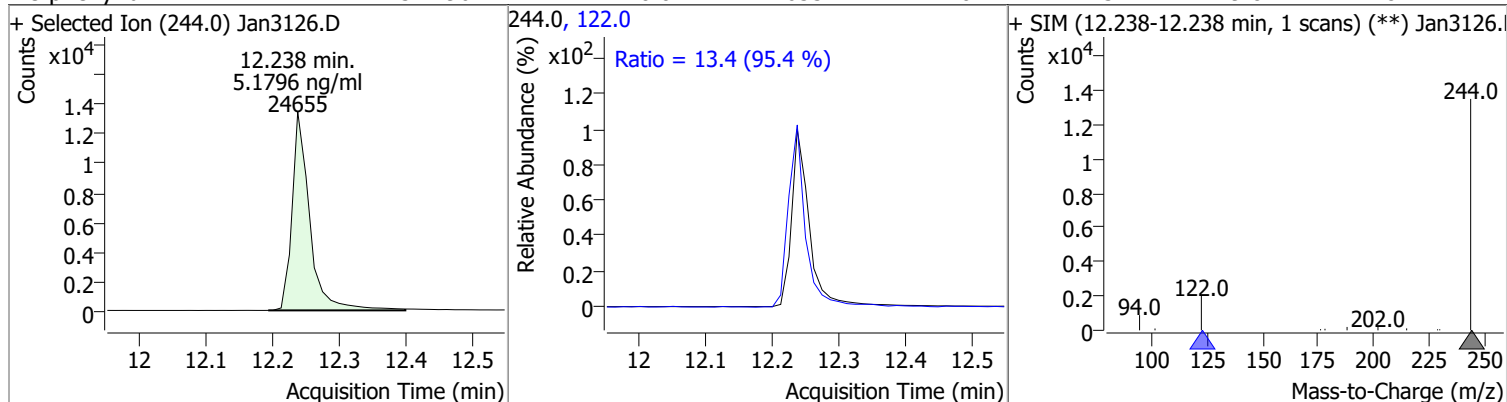
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	5.0652	11.40	-0.01	54699	101.0	11.6	8.8	16.3



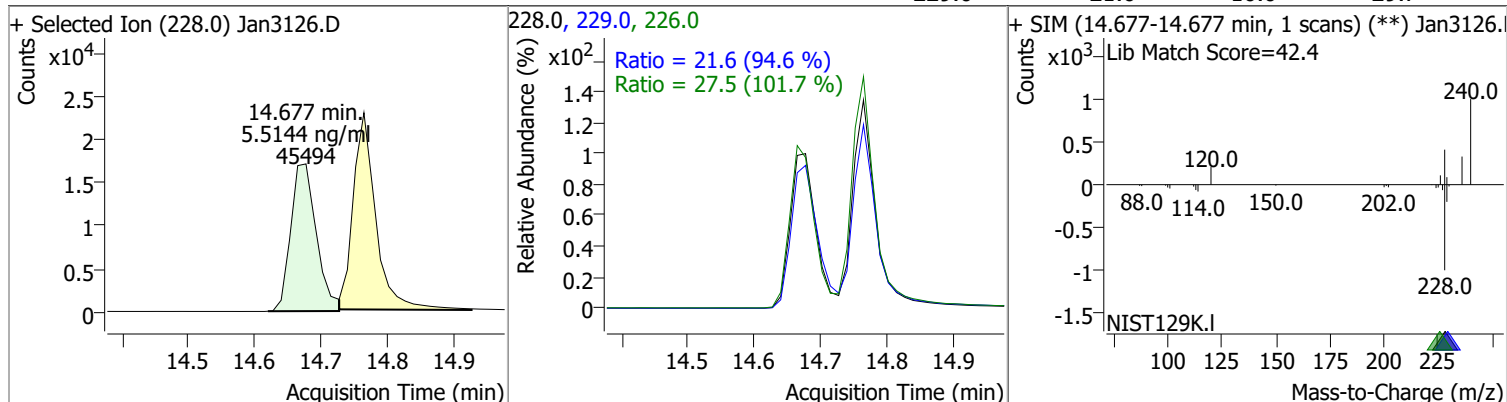
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.9215	11.77	-0.01	59928	101.0	13.1	10.8	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	5.1796	12.24	-0.01	24655	122.0	13.4	9.8	18.2

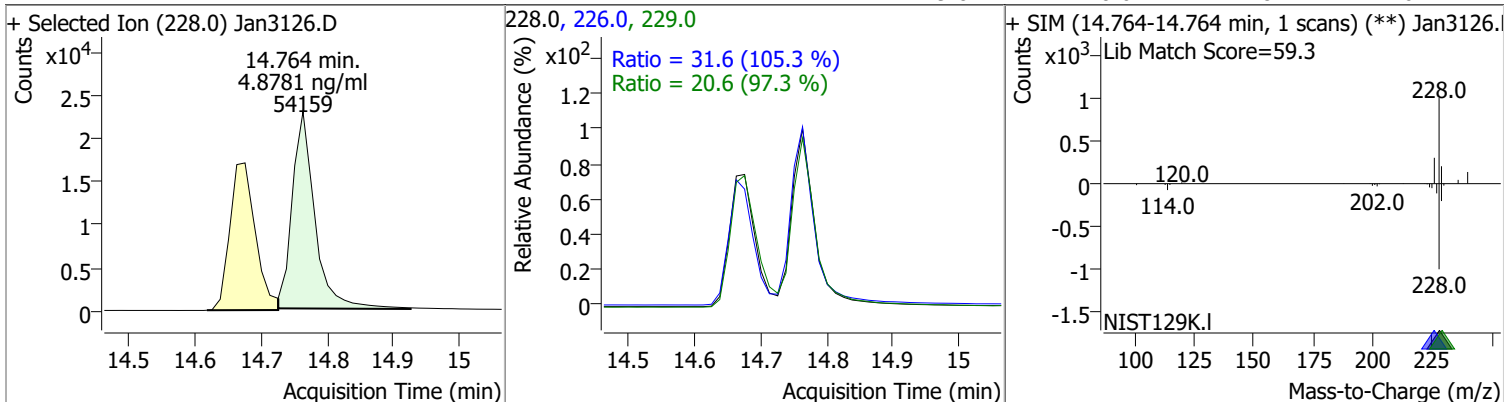


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	5.5144	14.68	0.00	45494	226.0	27.5	19.0	35.2
					229.0	21.6	16.0	29.7

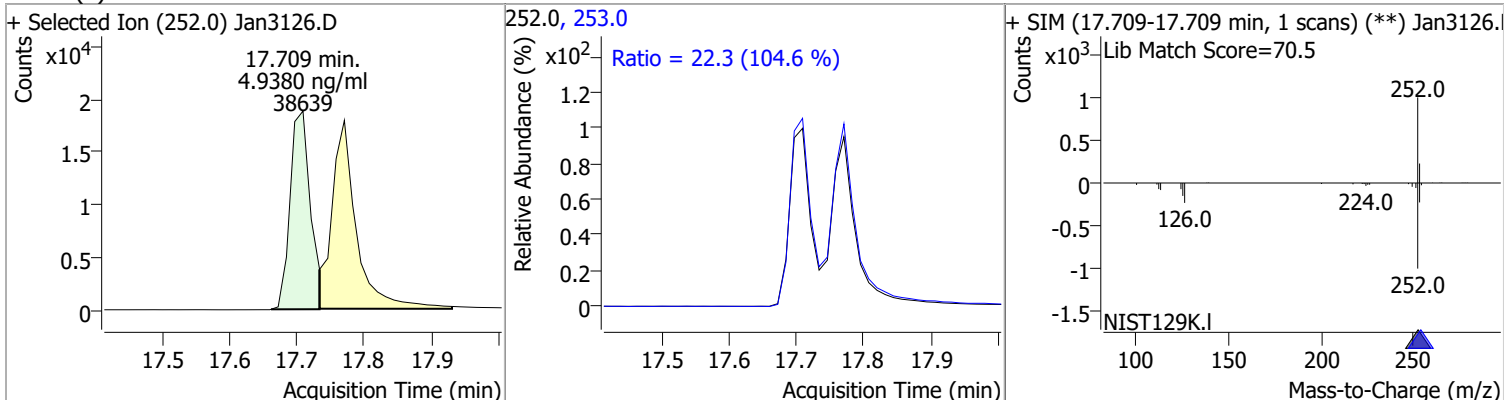


# Quantitation Results Report (QT Reviewed)

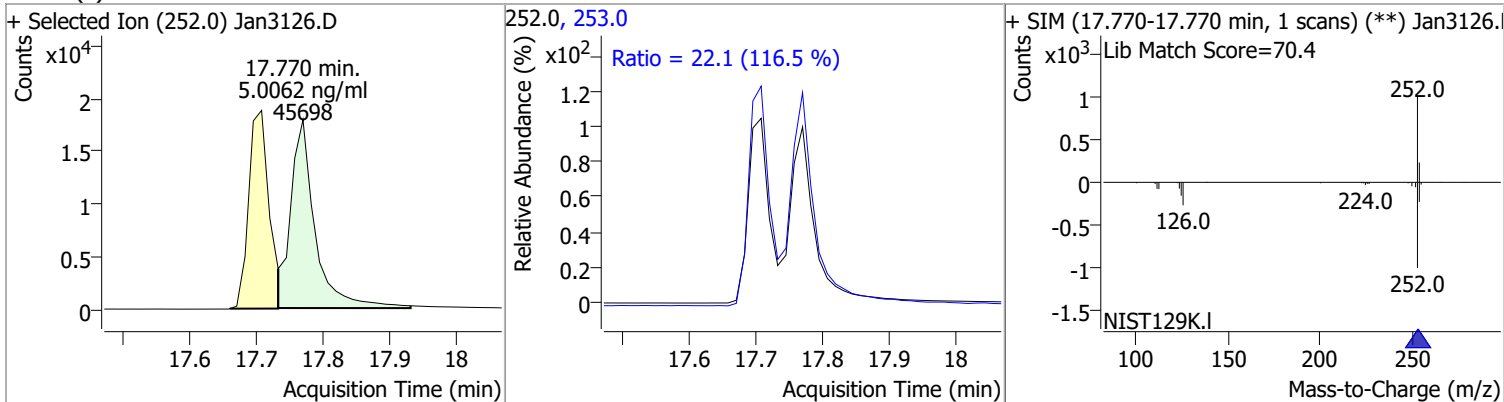
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	4.8781	14.76	0.00	54159	226.0	31.6	21.0	39.1
					229.0	20.6	14.8	27.6



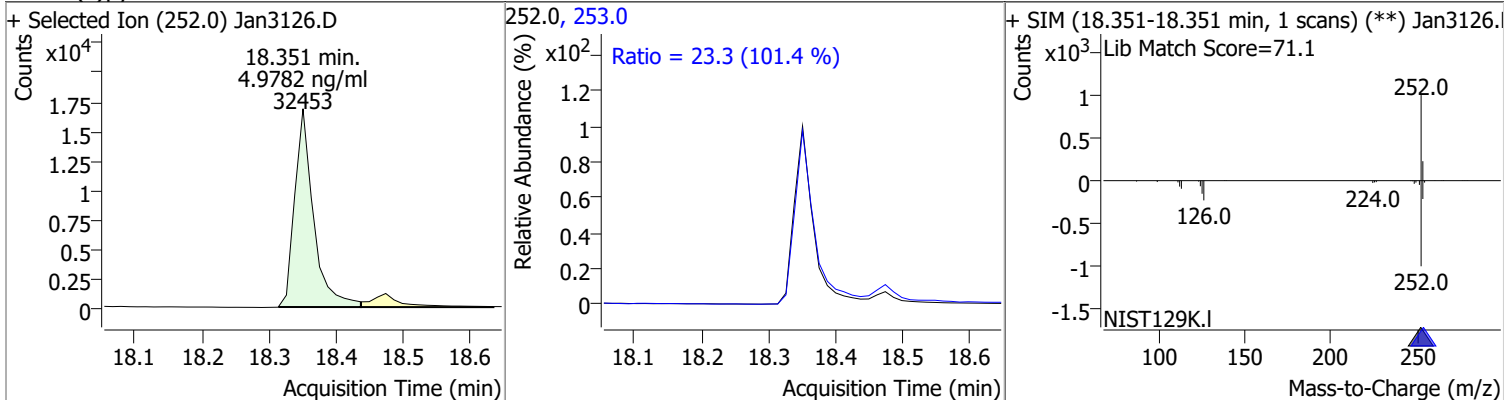
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	4.9380	17.71	0.00	38639	253.0	22.3	14.9	27.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	5.0062	17.77	0.00	45698	253.0	22.1	13.2	24.6



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	4.9782	18.35	0.00	32453	253.0	23.3	16.1	29.9





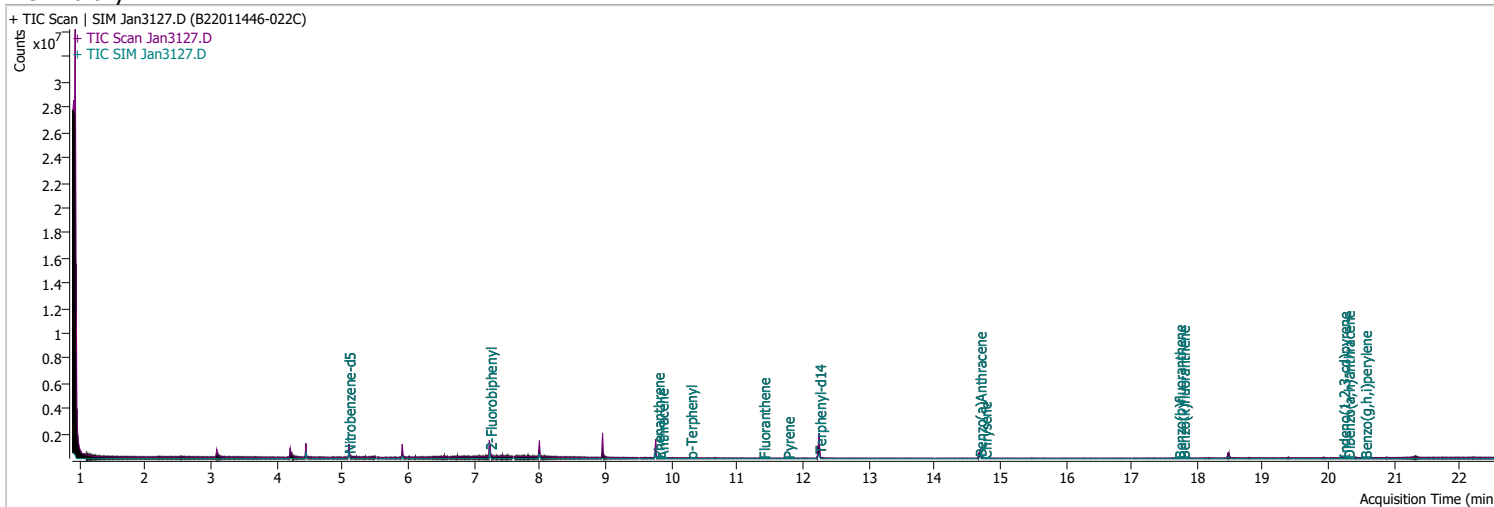
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	5.2716	20.20	-0.01	30927	138.0	17.7	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan3126.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 17.7 (78.9 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.204-20.204 min, 1 scans) (**) Jan3126.D</p> <p>Lib Match Score=78.5</p> </div> </div>								
Dibenzo(a,h)anthracene	5.4773	20.28	0.00	35977	279.0	24.8	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan3126.D</p> </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 24.8 (99.7 %)</p> <p>Ratio = 15.1 (86.1 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.279-20.279 min, 1 scans) (**) Jan3126.D</p> <p>Lib Match Score=76.8</p> </div> </div>								
Benzo(g,h,i)perylene	4.9198	20.54	0.00	40788	277.0	25.3	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan3126.D</p> </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 17.6 (85.8 %)</p> <p>Ratio = 25.3 (102.3 %)</p> </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan3126.D</p> <p>Lib Match Score=78.8</p> </div> </div>								

# Quantitation Results Report (QT Reviewed)

Data File	Jan3127.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	2/1/2022 2:00:56 AM
Sample Name	B22011446-022C	Instrument	GCMS
Vial	20	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)	
<b>Internal Standards</b>							
M 1,4-Dichlorobenzene-d4	4.447	152.0	136868	40.0000	ng/ml	-0.012	
M Naphthalene-d8	5.916	136.0	193767	40.0000	ng/ml	0.000	
M Acenaphthene-d10	7.988	164.0	154253	40.0000	ng/ml	-0.012	
M Phenanthrene-d10	9.756	188.0	348333	40.0000	ng/ml	-0.012	
M Chrysene-d12	14.702	240.0	272293	40.0000	ng/ml	0.000	
M Perylene-d12	18.475	264.0	180673	40.0000	ng/ml	0.000	
<b>System Monitoring Compounds</b>							
S Nitrobenzene-d5	5.094	82.0	355148	43.2277	ng/ml	-0.025	
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 864.55%	*		
S 2-Fluorobiphenyl	7.240	172.0	481199	67.3723	ng/ml	-0.012	
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1347.45%	*		
S o-Terphenyl	10.287	230.0	559	0.0632	ng/ml	-0.012	
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 1.26%	*		
S Terphenyl-d14	12.251	244.0	504630	75.3554	ng/ml	0.000	
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1507.11%	*		
<b>Target Compounds</b>							
T Naphthalene	5.991	128.0	0		ng/ml	md	1
T 2-Methylnaphthalene	0.000		0	N.D.			
T 1-Methylnaphthalene	0.000		0	N.D.			
T Acenaphthylene	0.000		0	N.D.			
T Acenaphthene	8.025	154.0	0		ng/ml	md	1
T Fluorene	8.661	166.0	0		ng/ml	md	1
T Phenanthrene	9.793	178.0	888	0.0289	ng/ml		98
T Anthracene	9.854	178.0	622	0.0245	ng/ml	m	97
T Fluoranthene	11.398	202.0	1153	0.0688	ng/ml		91
T Pyrene	11.769	202.0	1299	0.0705	ng/ml		92
T Benzo(a)Anthracene	14.689	228.0	1777	0.0338	ng/ml	#	78
T Chrysene	14.764	228.0	1096	0.0410	ng/ml		92
T Benzo(b)fluoranthene	17.721	252.0	827	0.0930	ng/ml		90

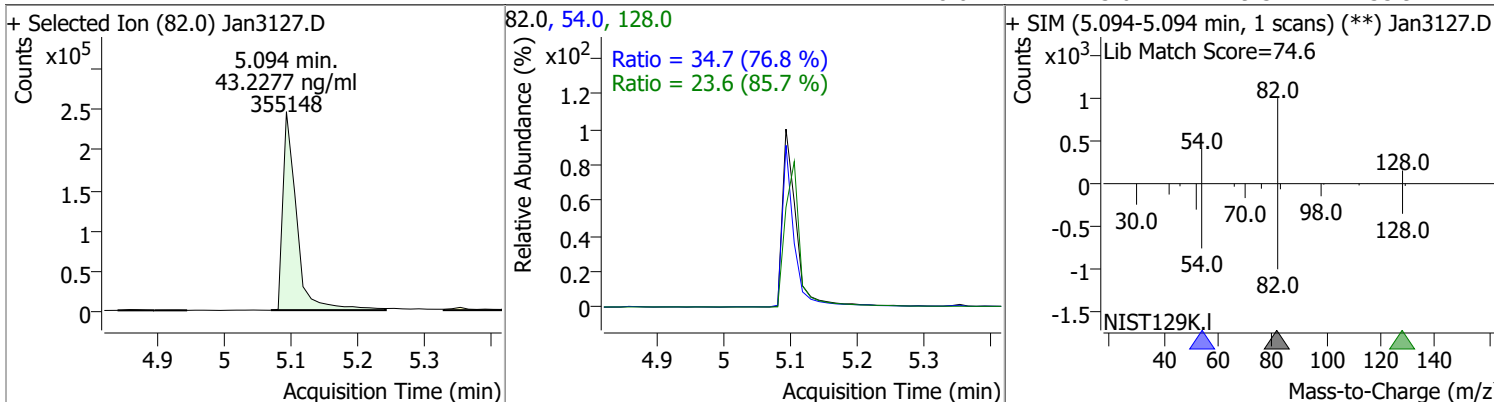
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.783	252.0	1012	0.0682	ng/ml	96
T Benzo(a)pyrene	18.363	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	20.217	276.0	398	0.0448	ng/ml	m 95
T Dibenzo(a,h)anthracene	20.291	278.0	422	0.0284	ng/ml	91
T Benzo(g,h,i)perylene	20.550	276.0	468	0.0177	ng/ml	96

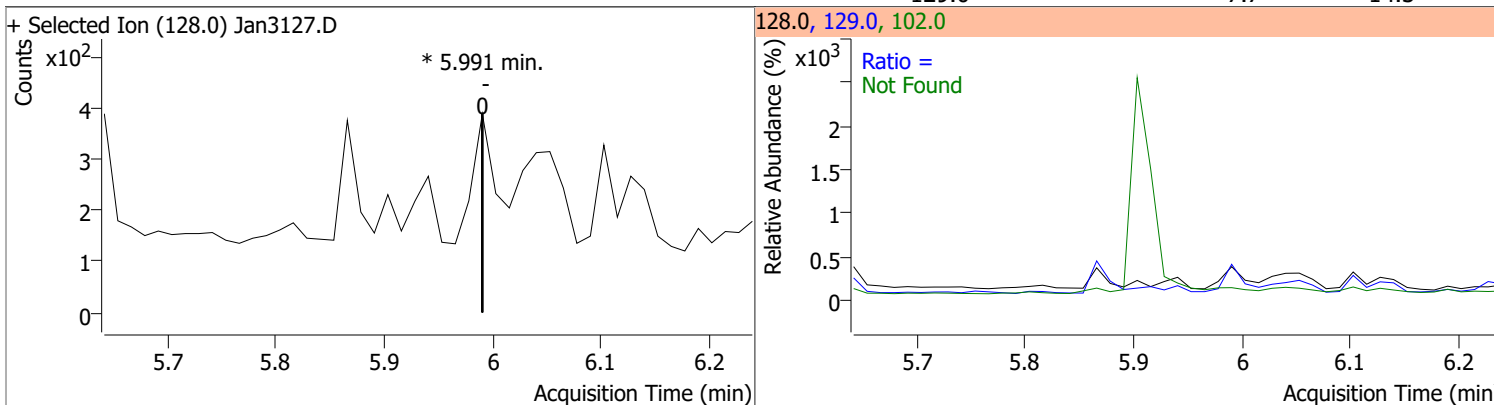
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

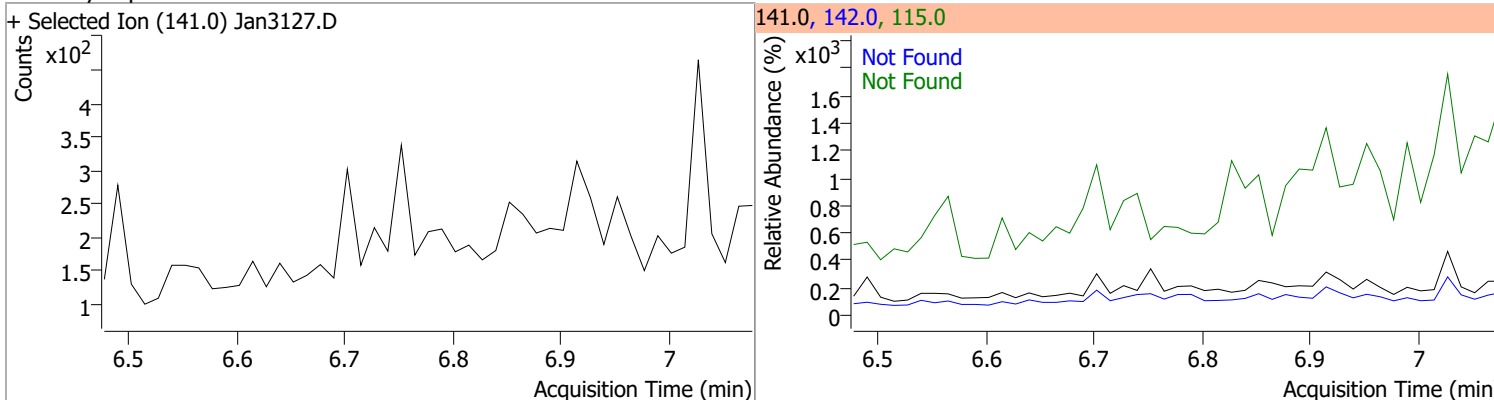
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	43.2277	5.09	-0.02	355148	54.0	34.7	31.6	58.8
					128.0	23.6	19.3	35.9



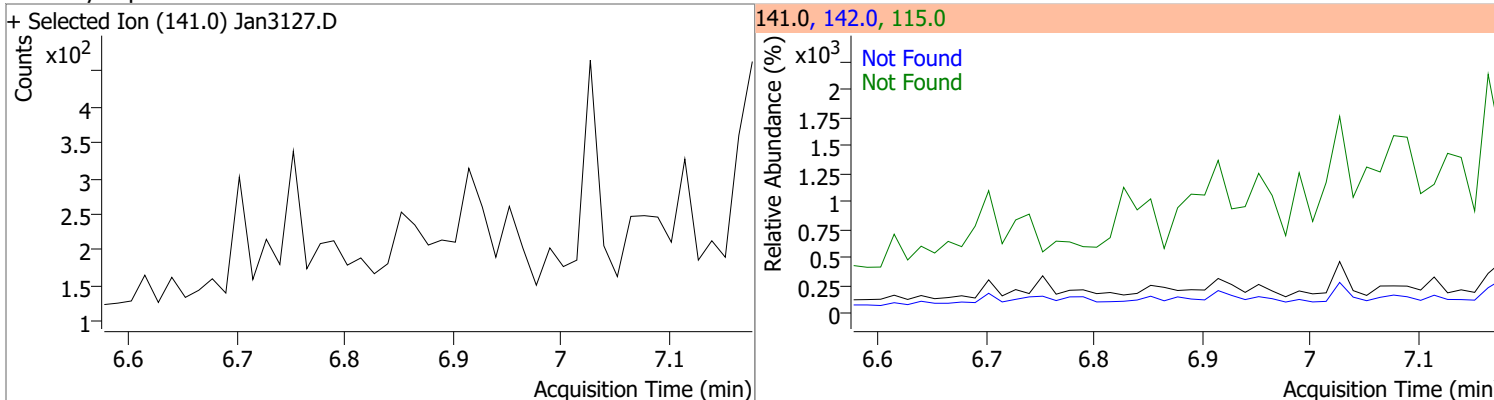
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene		0		0	102.0		0.0	61.8
					129.0		7.7	14.3



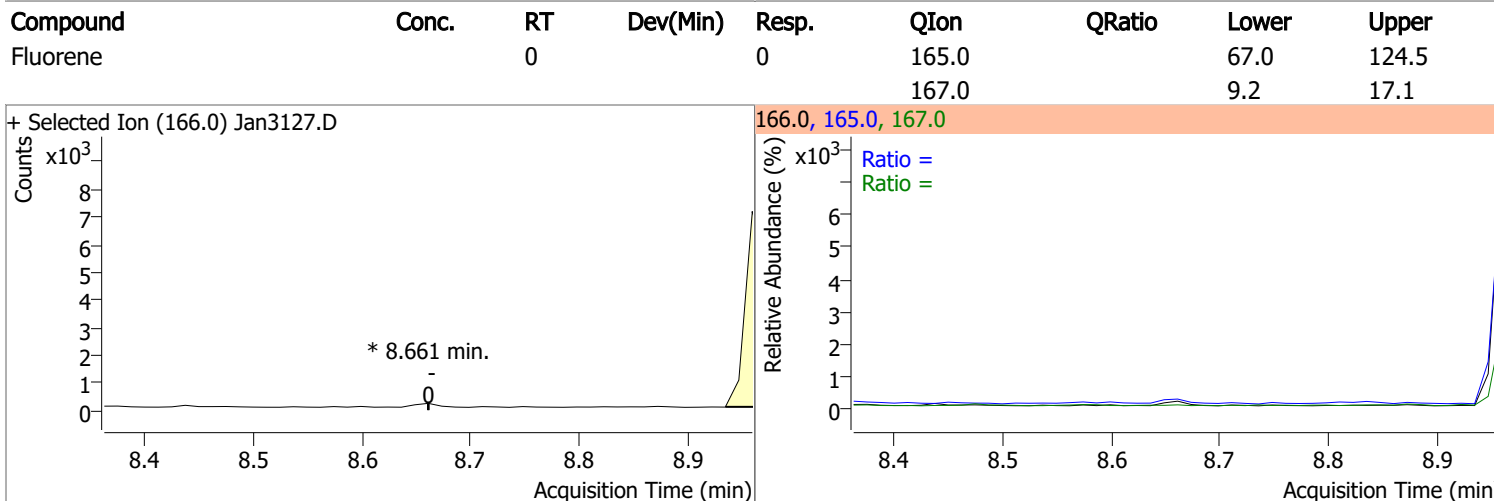
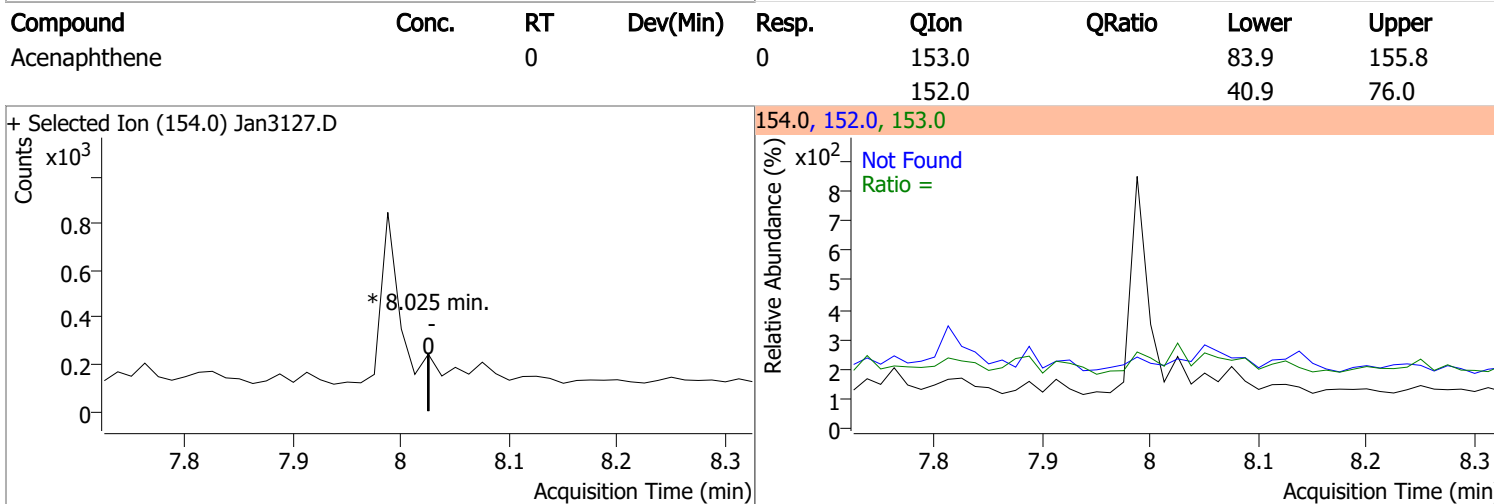
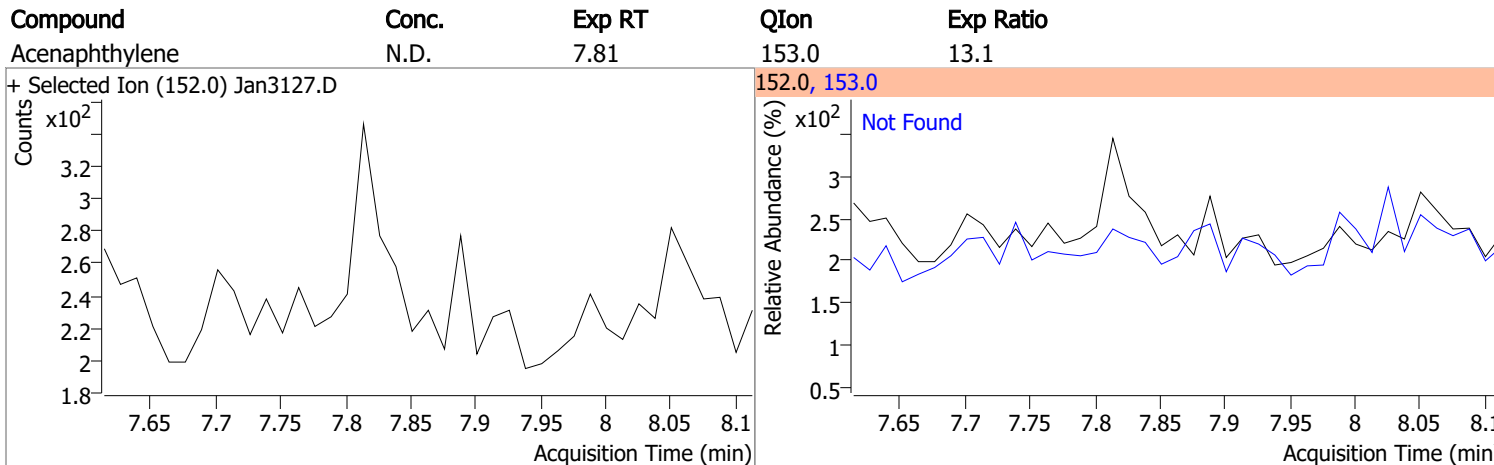
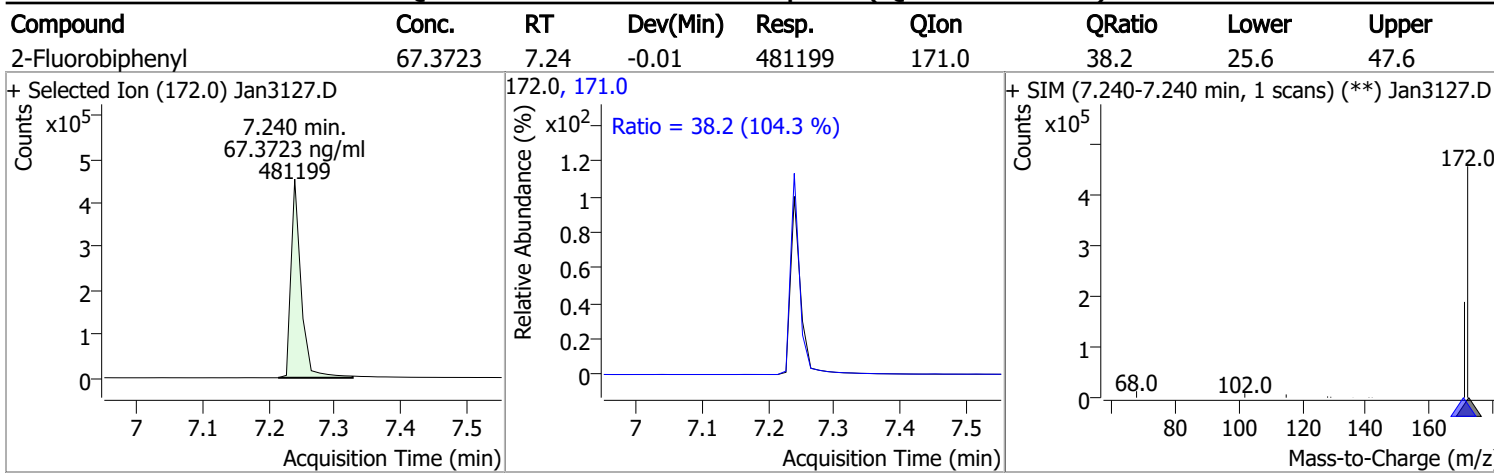
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1



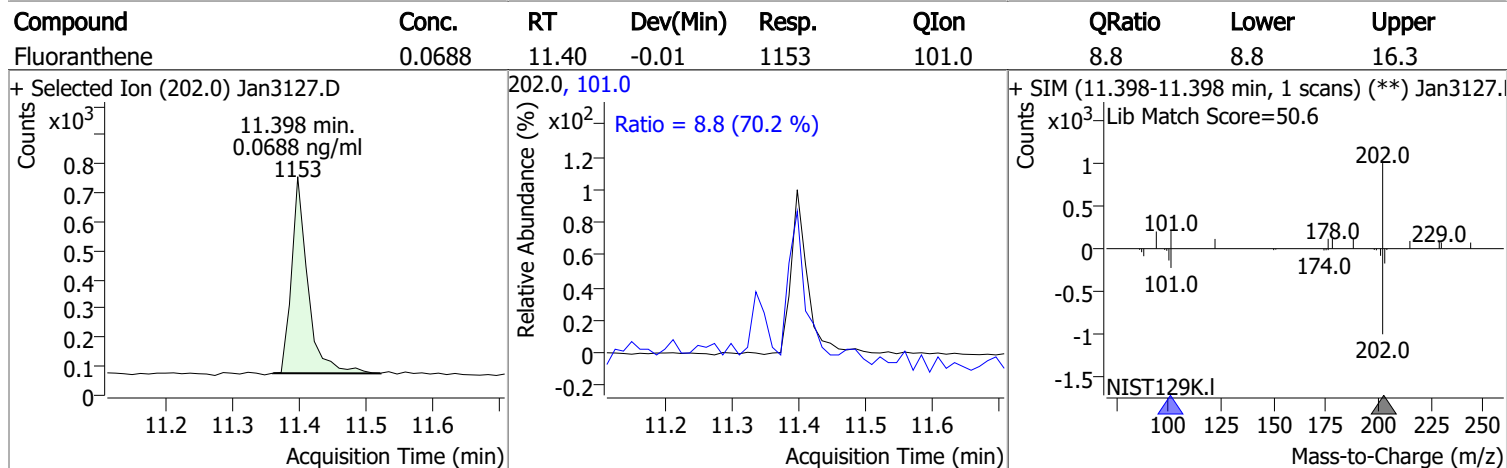
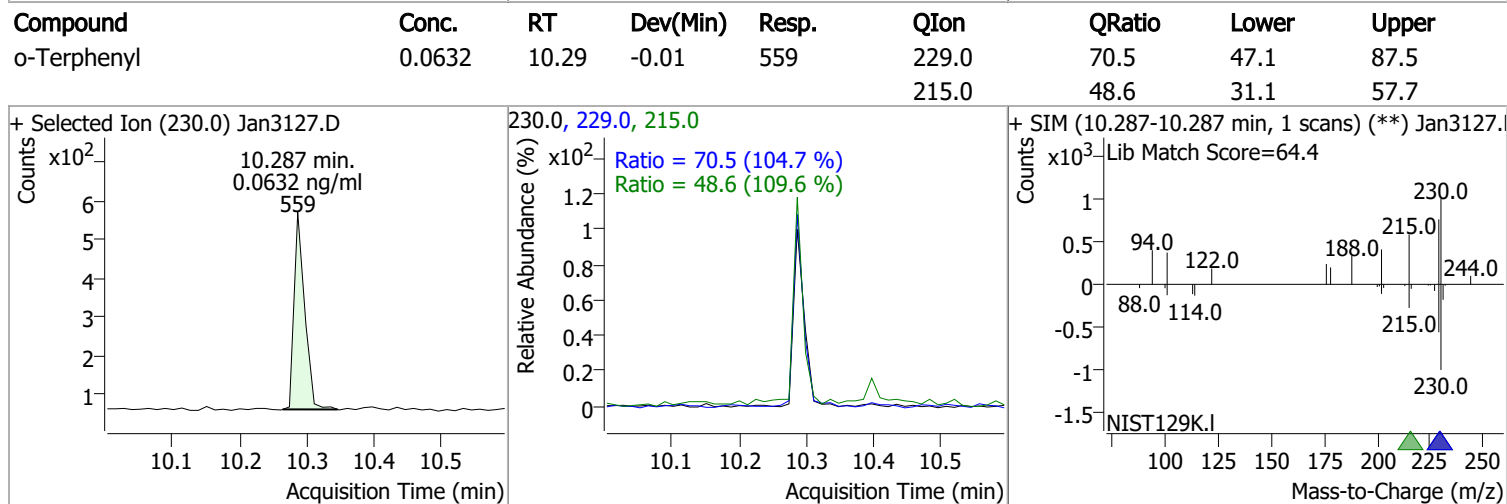
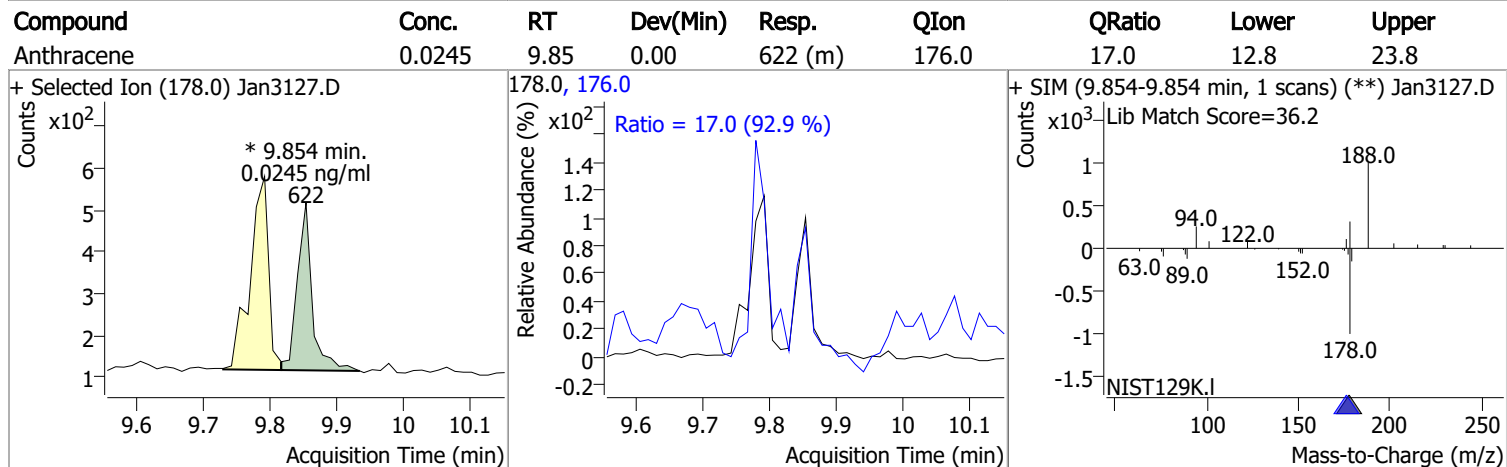
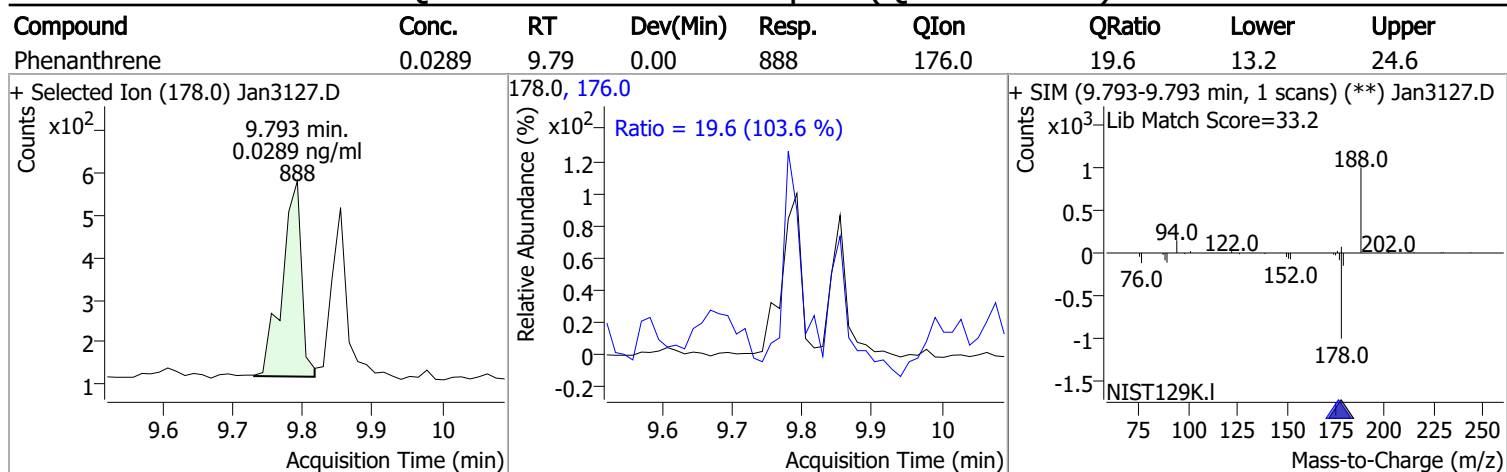
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3



# Quantitation Results Report (QT Reviewed)

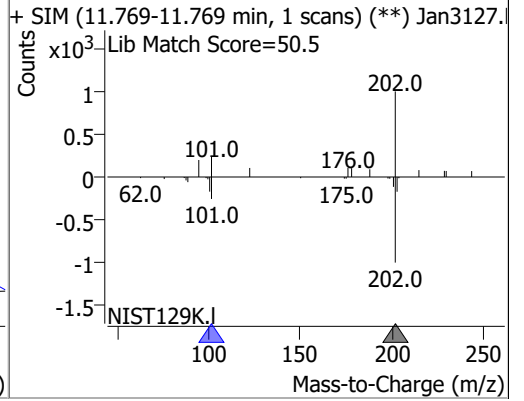
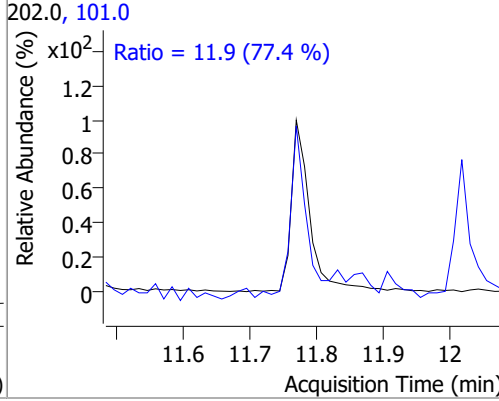
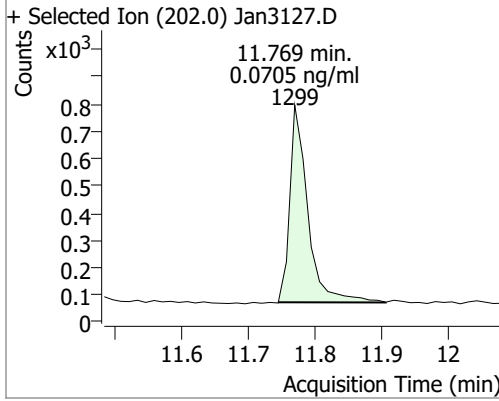


# Quantitation Results Report (QT Reviewed)

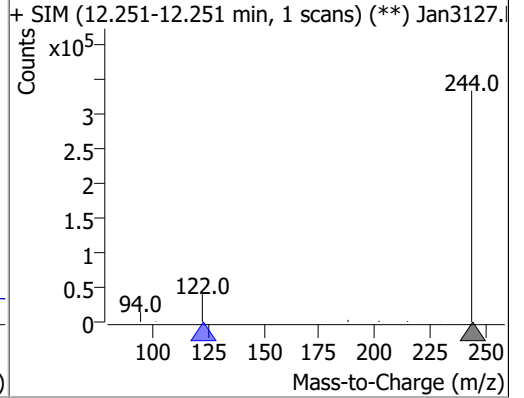
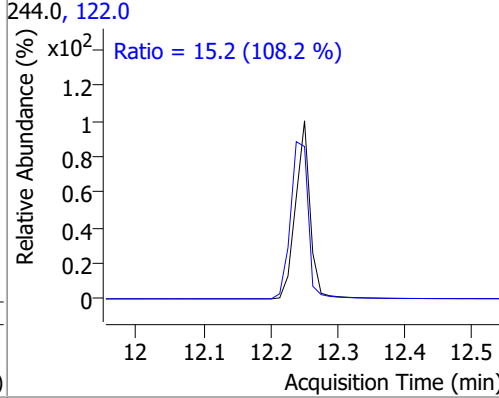
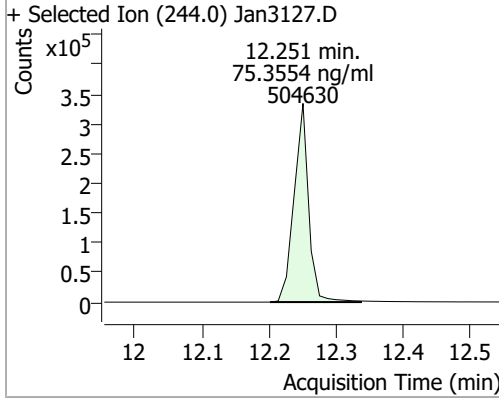


# Quantitation Results Report (QT Reviewed)

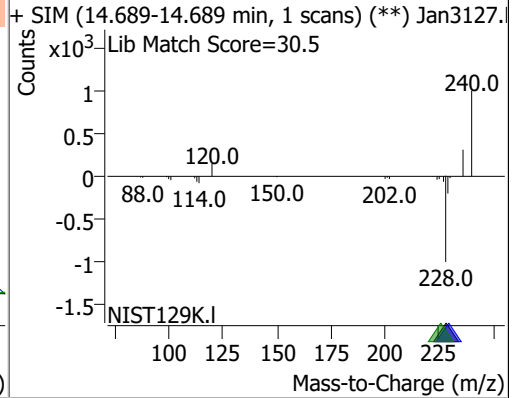
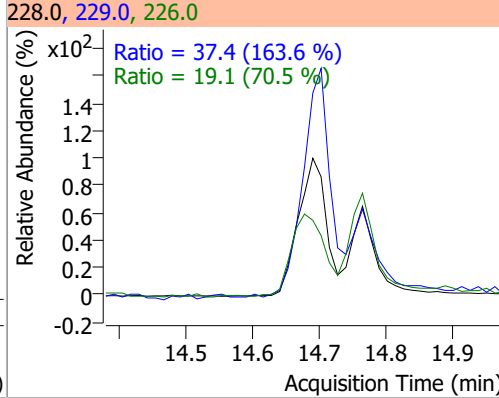
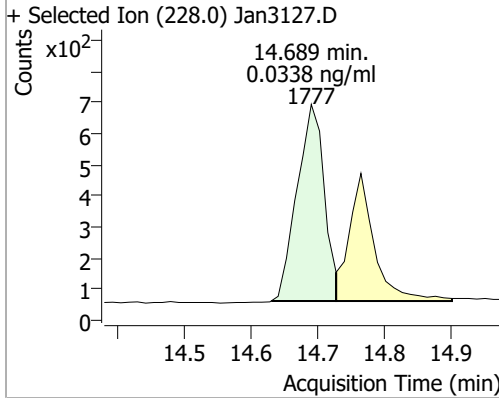
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	0.0705	11.77	-0.01	1299	101.0	11.9	10.8	20.0



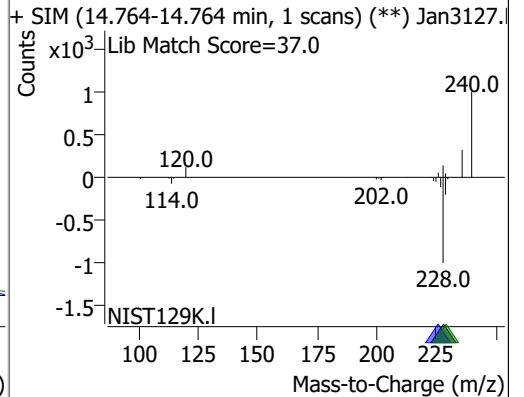
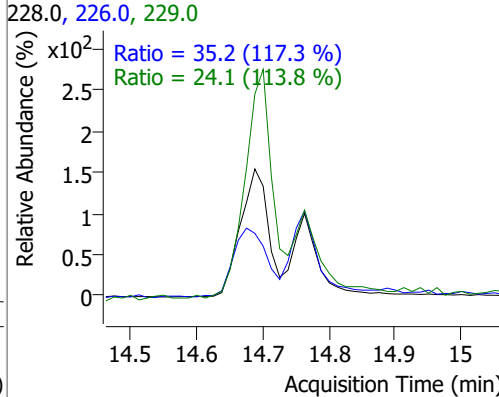
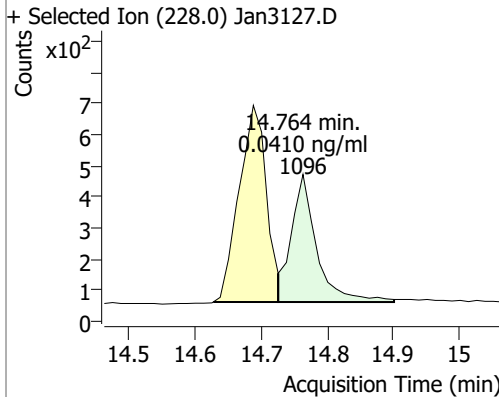
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	75.3554	12.25	0.00	504630	122.0	15.2	9.8	18.2



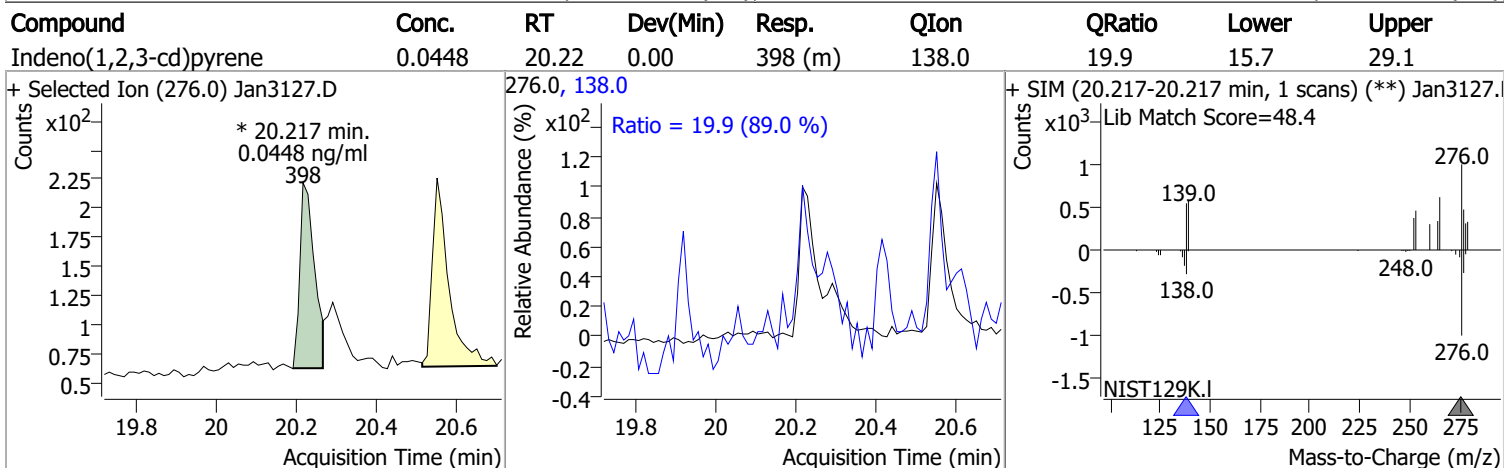
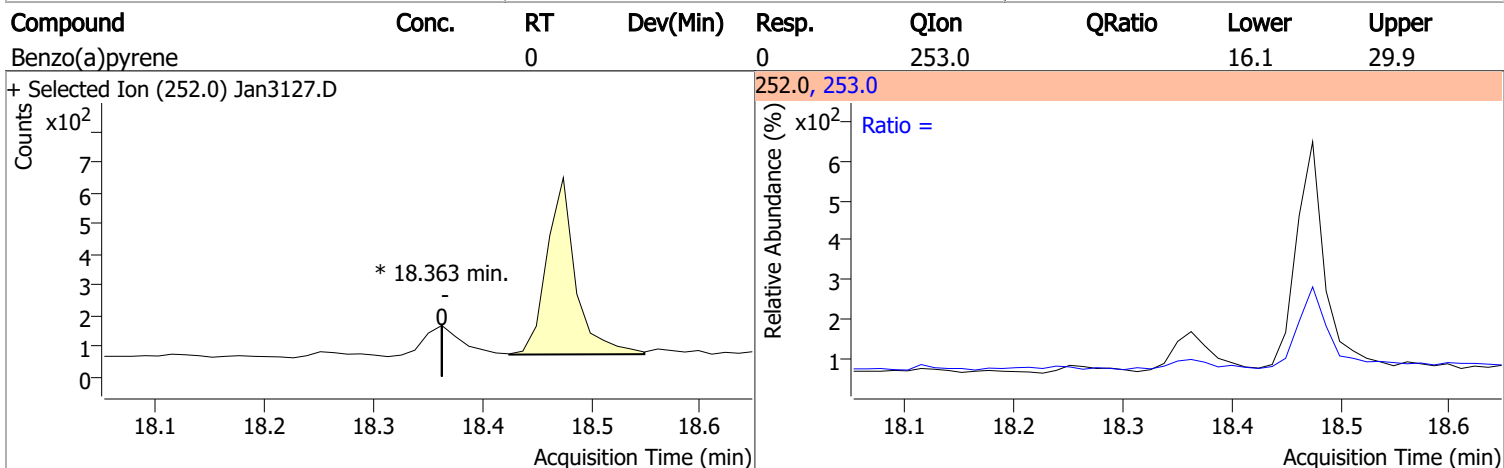
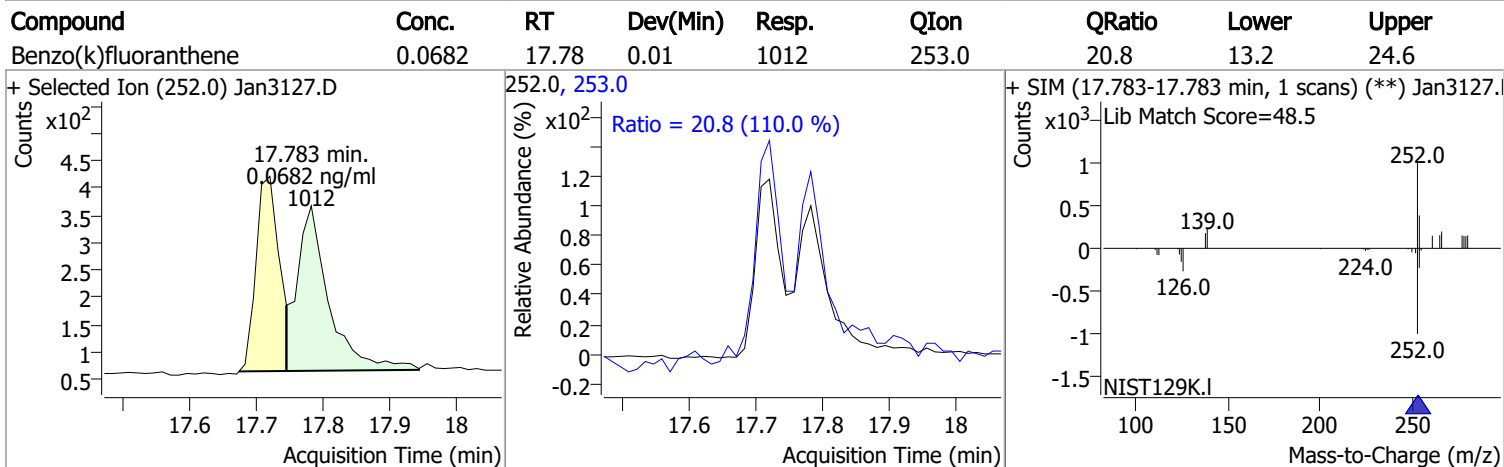
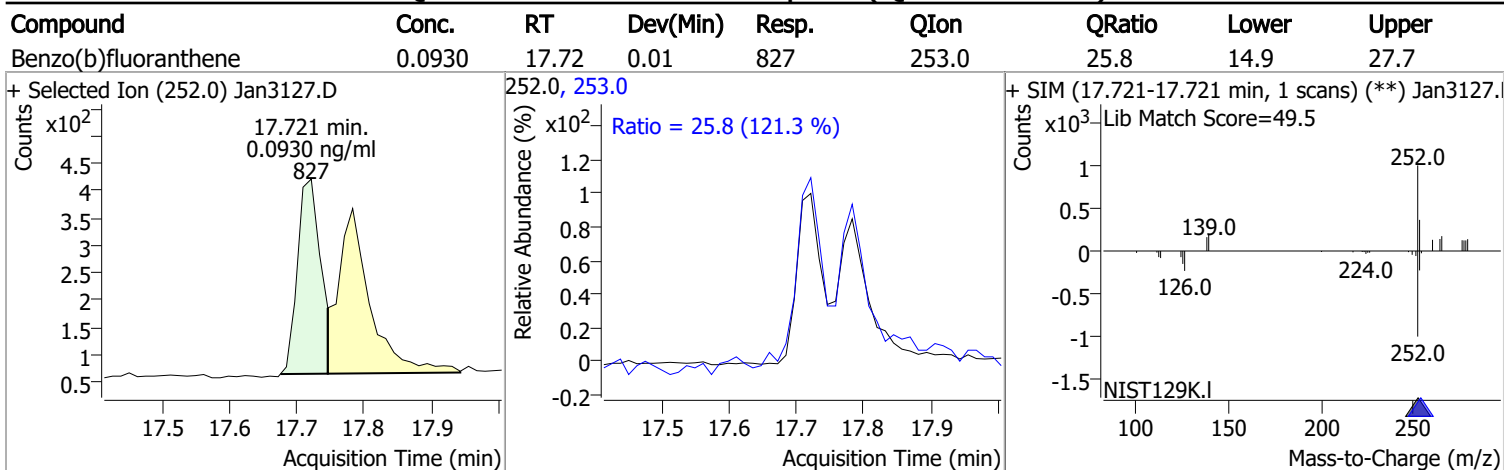
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	0.0338	14.69	0.01	1777	226.0	19.1	19.0	35.2
					229.0	37.4	16.0	29.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0.0410	14.76	0.00	1096	226.0	35.2	21.0	39.1
					229.0	24.1	14.8	27.6



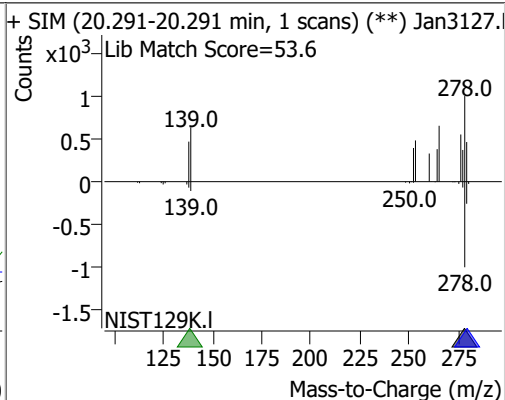
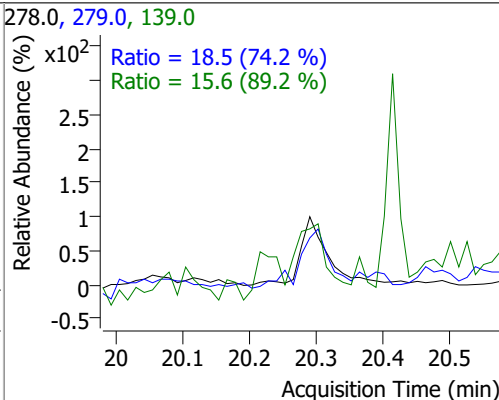
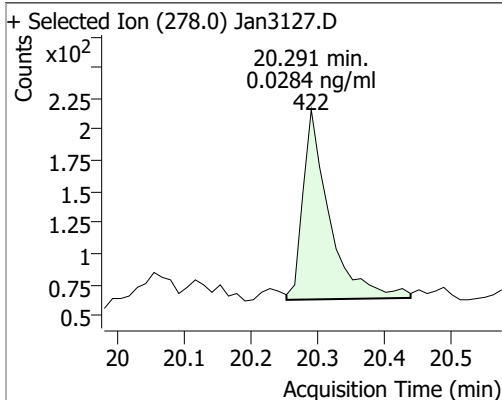
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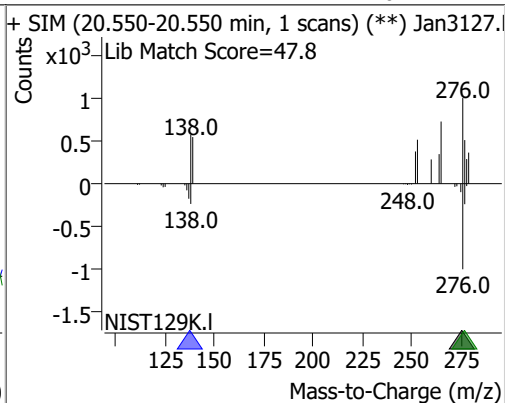
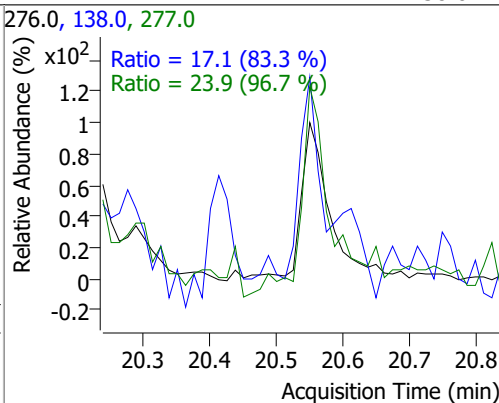
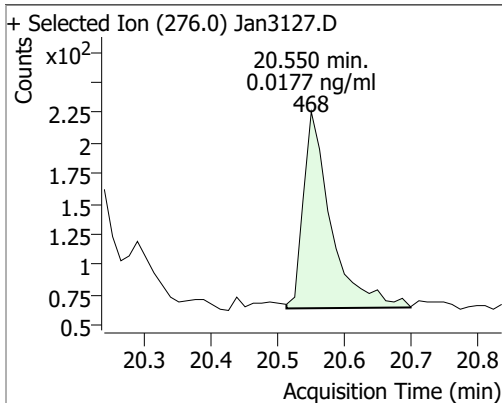


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	0.0284	20.29	0.01	422	279.0	18.5	17.4	32.3
					139.0	15.6	12.3	22.8



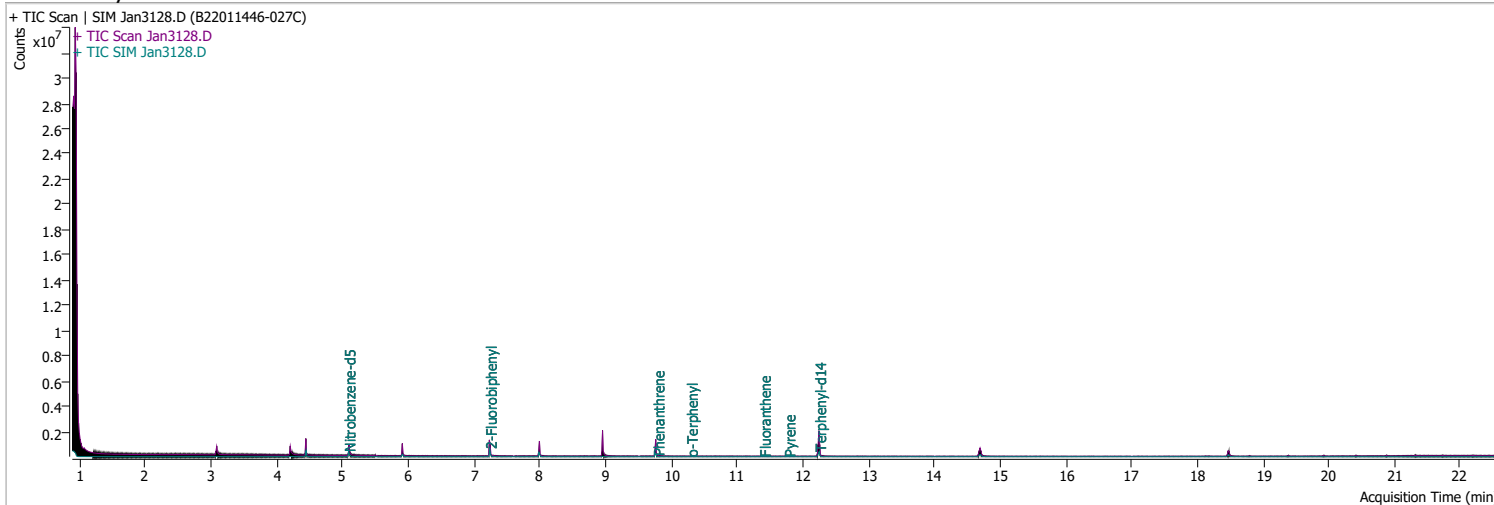
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	0.0177	20.55	0.01	468	277.0	23.9	17.3	32.2
					138.0	17.1	14.4	26.7



# Quantitation Results Report (QT Reviewed)

Data File	Jan3128.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	2/1/2022 2:33:17 AM
Sample Name	B22011446-027C	Instrument	GCMS
Vial	21	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.447	152.0	141493	40.0000	ng/ml	-0.013
M Naphthalene-d8	5.916	136.0	237860	40.0000	ng/ml	0.000
M Acenaphthene-d10	7.988	164.0	161856	40.0000	ng/ml	-0.013
M Phenanthrene-d10	9.756	188.0	354620	40.0000	ng/ml	-0.012
M Chrysene-d12	14.701	240.0	274468	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	179572	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.093	82.0	365459	43.1075	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 862.15%		*
S 2-Fluorobiphenyl	7.239	172.0	494143	66.1414	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1322.83%		*
S o-Terphenyl	10.299	230.0	856	0.1180	ng/ml	0.000
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 2.36%		*
S Terphenyl-d14	12.251	244.0	518896	76.4657	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1529.31%		*
<b>Target Compounds</b>						
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.025	154.0	0		ng/ml	md 1
T Fluorene	8.661	166.0	0		ng/ml	md 1
T Phenanthrene	9.793	178.0	1014	0.0413	ng/ml	93
T Anthracene	9.854	178.0	0		ng/ml	md 1
T Fluoranthene	11.411	202.0	1405	0.0908	ng/ml	95
T Pyrene	11.781	202.0	1433	0.0817	ng/ml	91
T Benzo(a)Anthracene	14.689	228.0	0		ng/ml	md 1
T Chrysene	14.764	228.0	0		ng/ml	md 1
T Benzo(b)fluoranthene	0.000		0	N.D.		

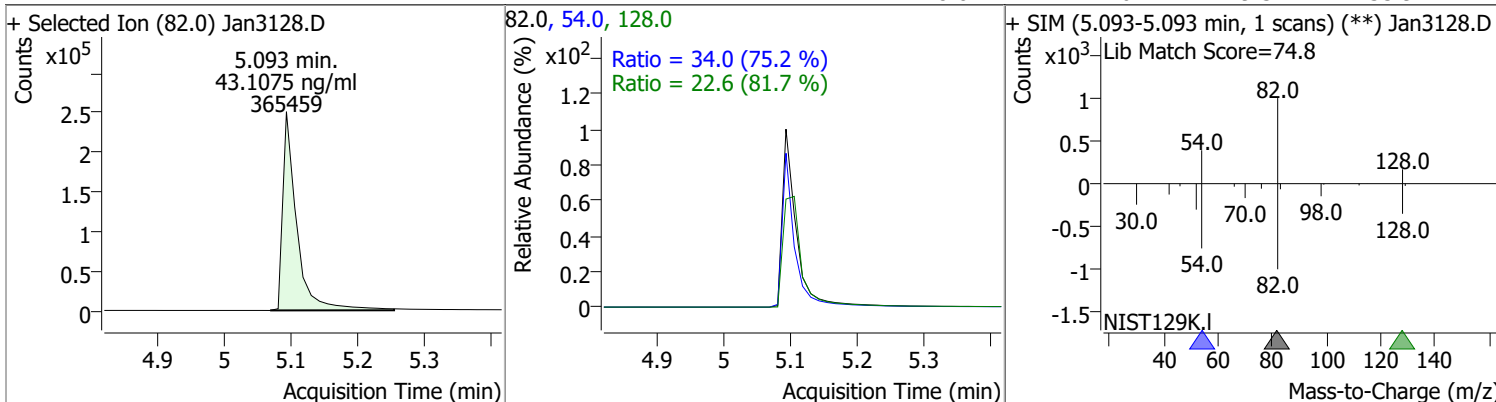
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.363	252.0	0		ng/ml	md 1
T Indeno(1,2,3-cd)pyrene	20.229	276.0	0		ng/ml	md 1
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

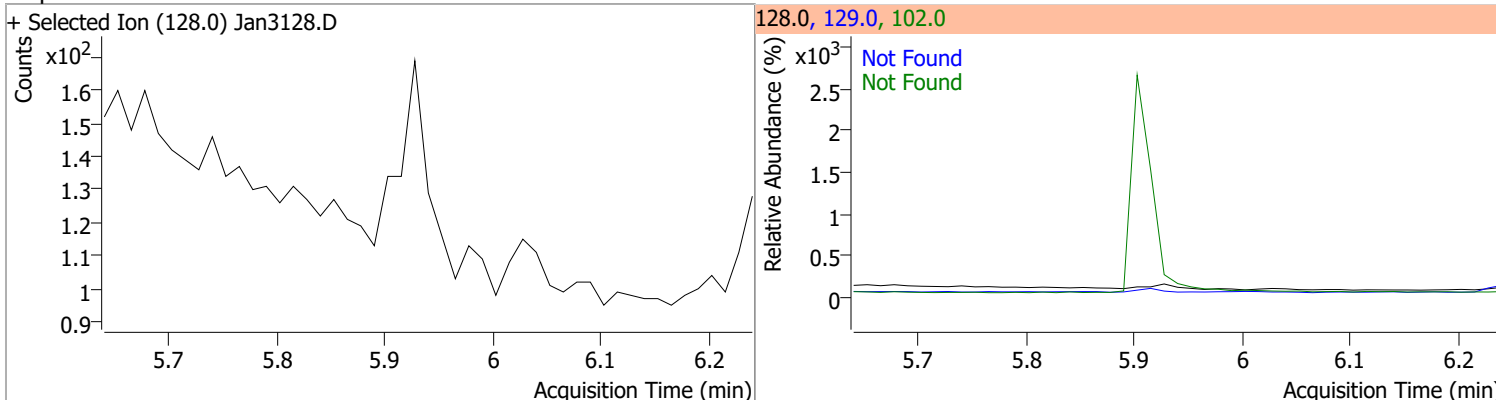
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

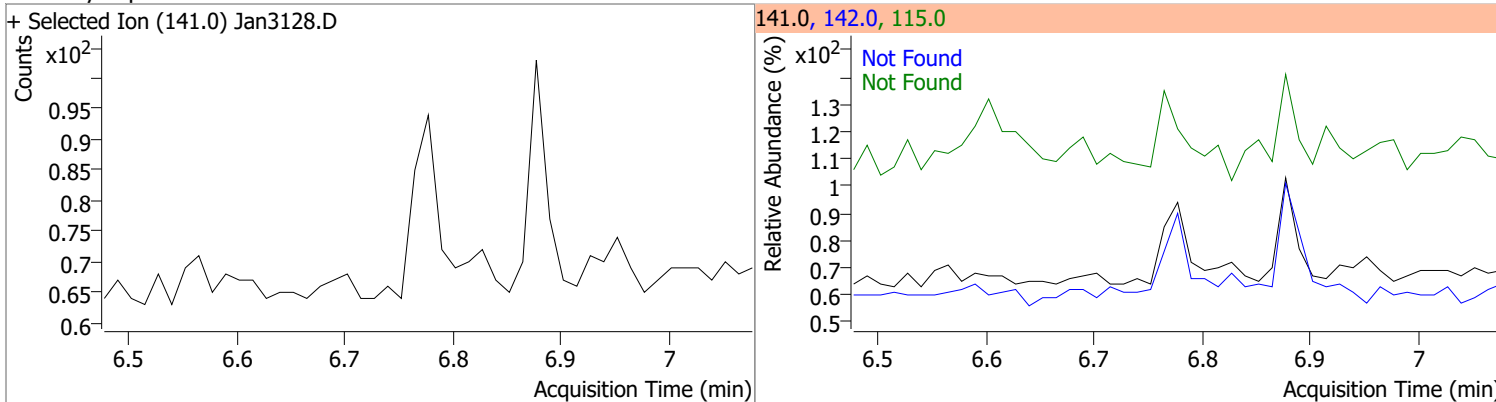
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	43.1075	5.09	-0.02	365459	54.0	34.0	31.6	58.8
					128.0	22.6	19.3	35.9



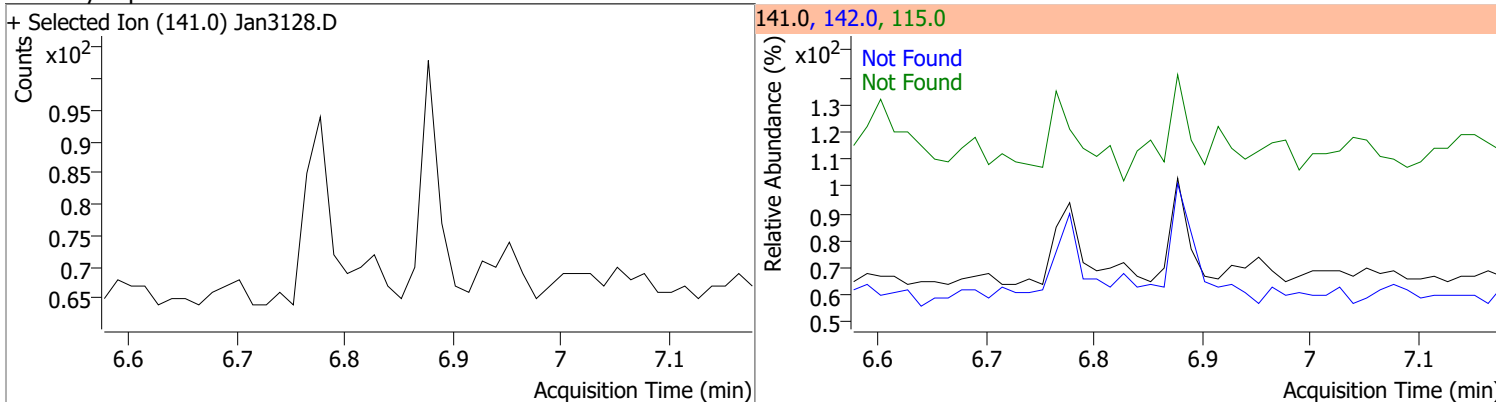
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



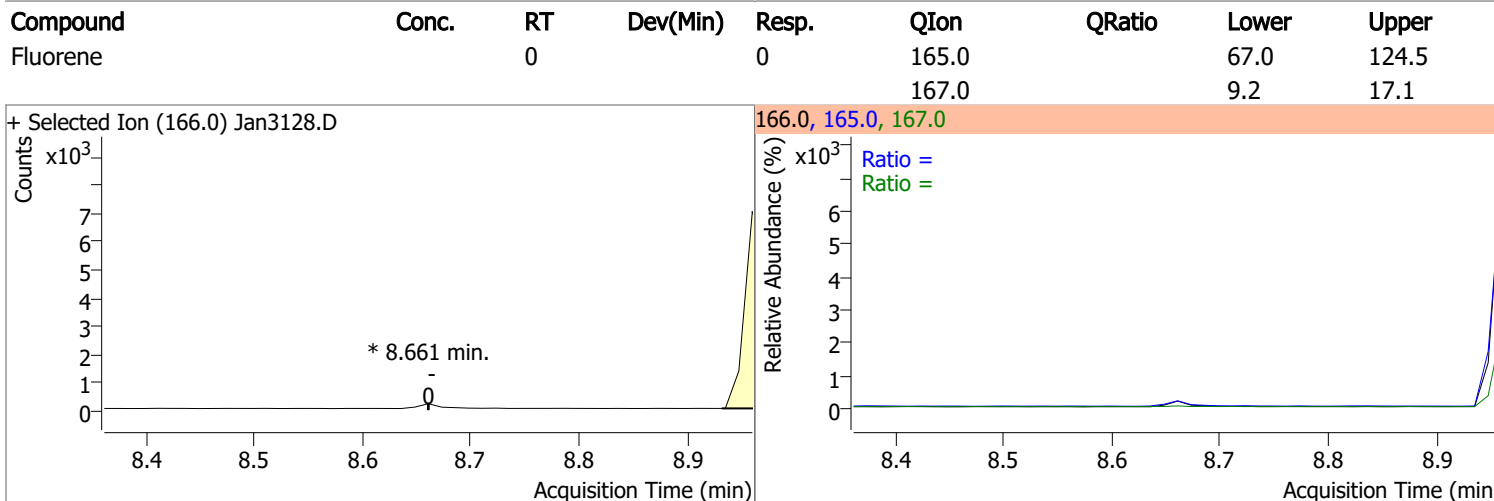
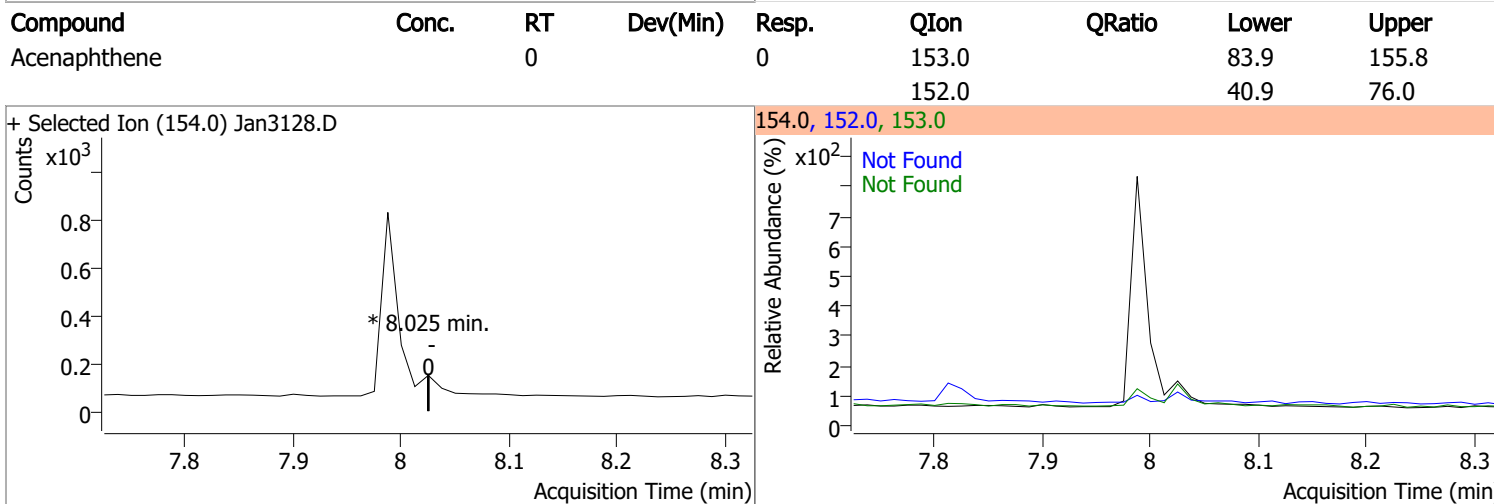
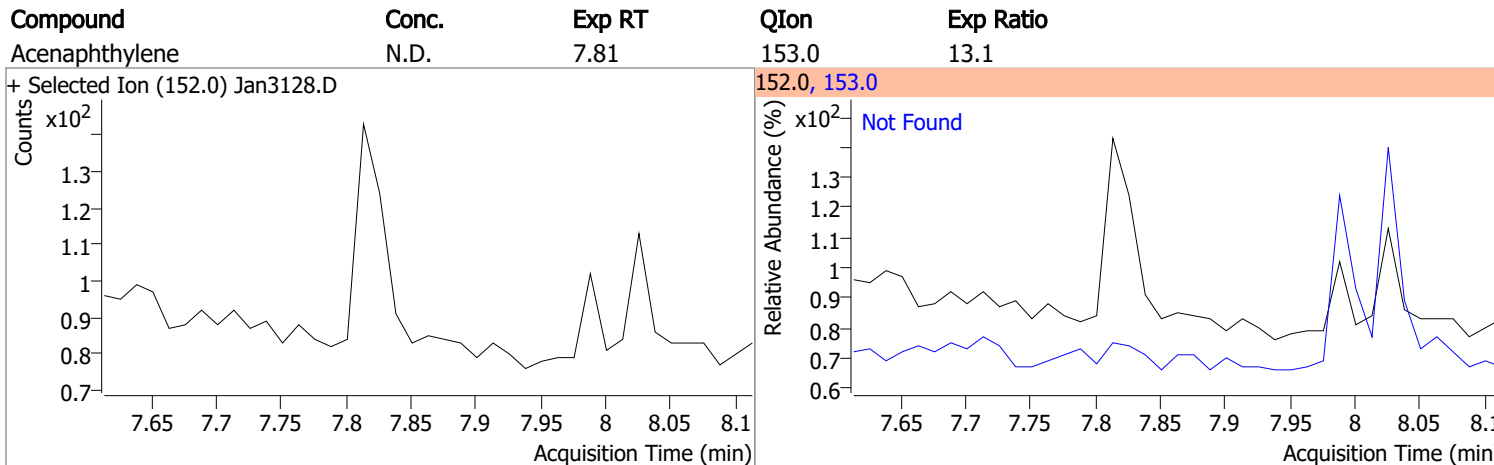
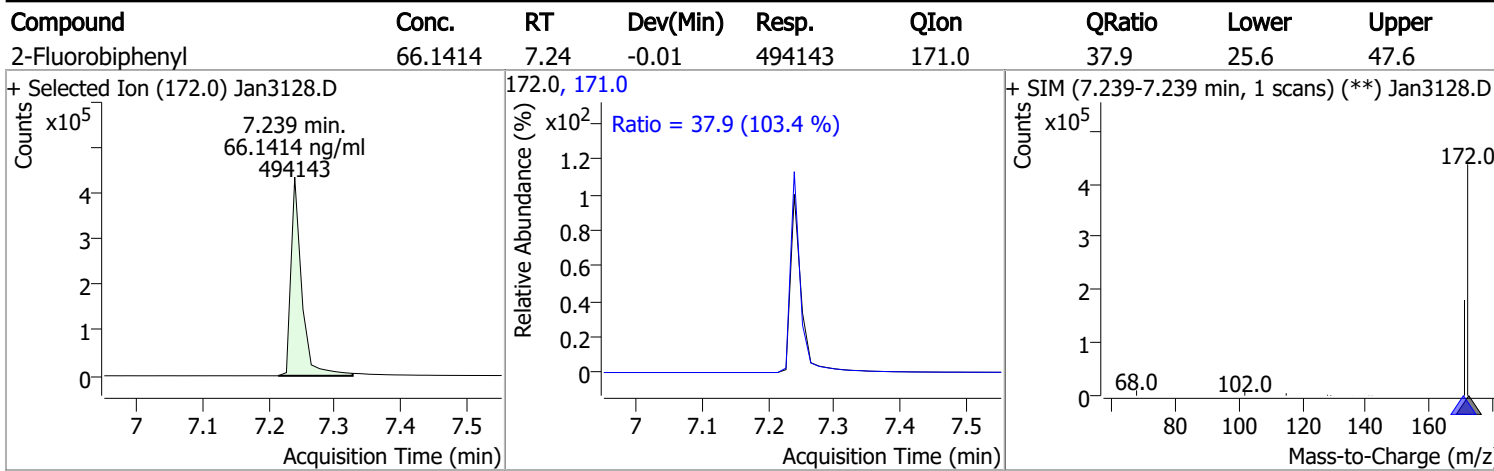
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3

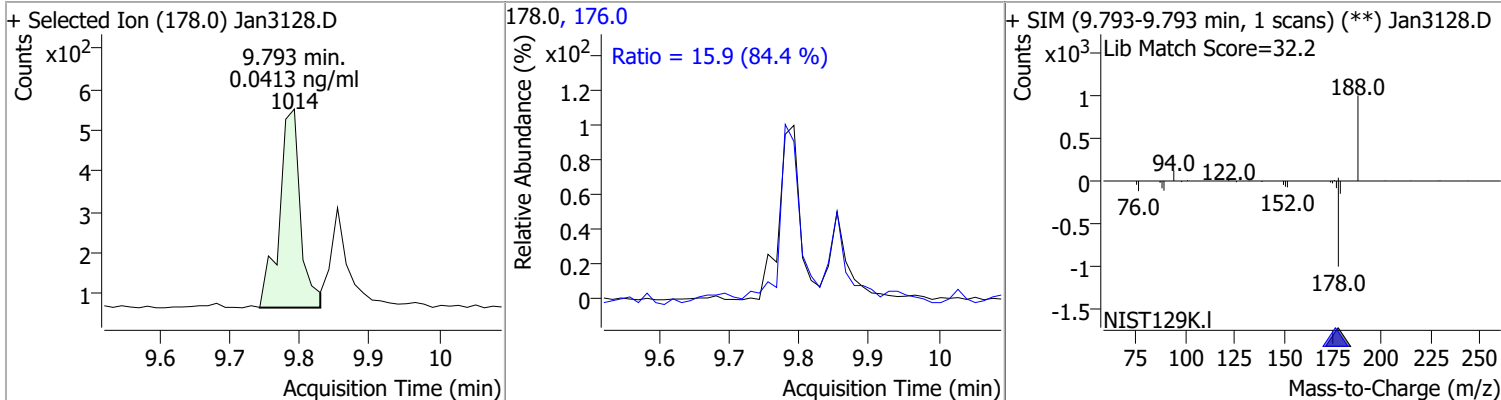


# Quantitation Results Report (QT Reviewed)

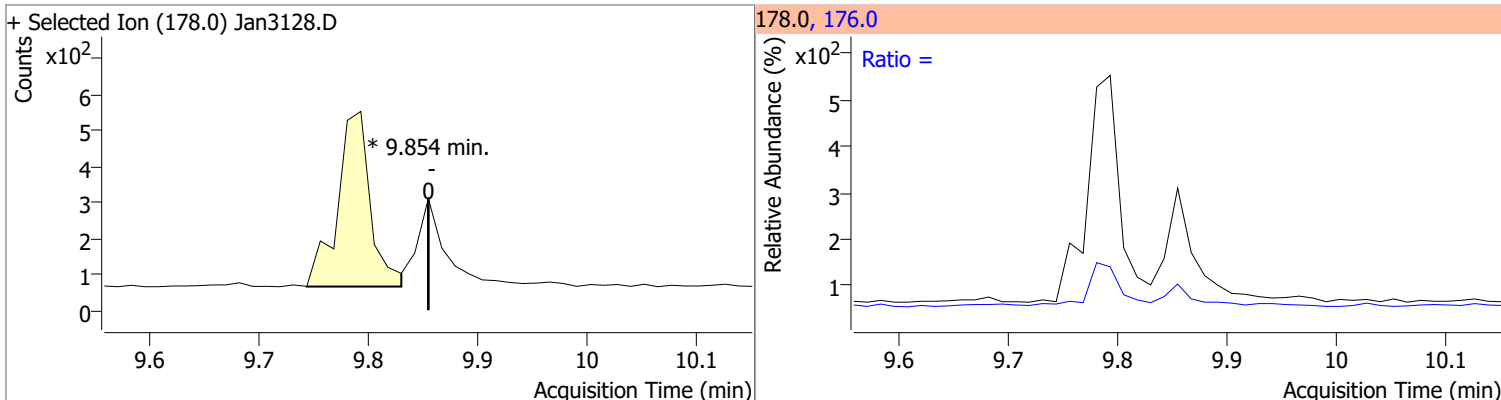


# Quantitation Results Report (QT Reviewed)

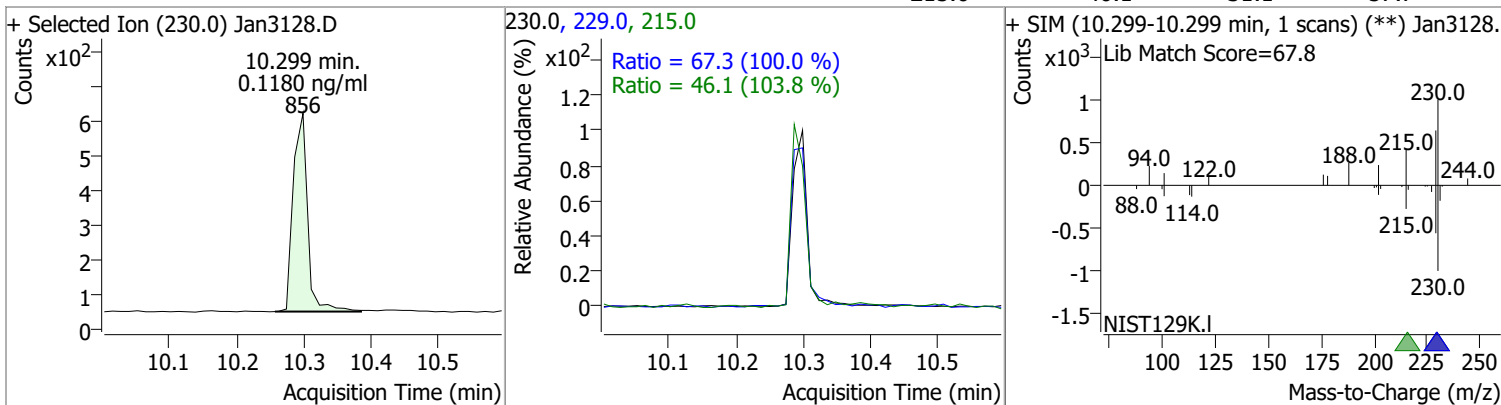
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	0.0413	9.79	0.00	1014	176.0	15.9	13.2	24.6



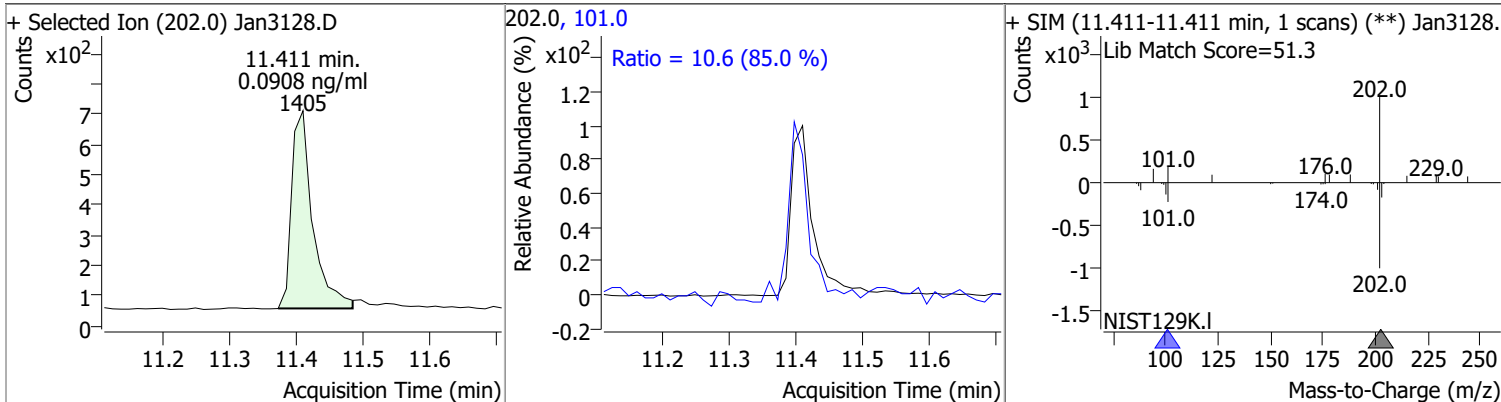
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	0	0	0	0	176.0		12.8	23.8



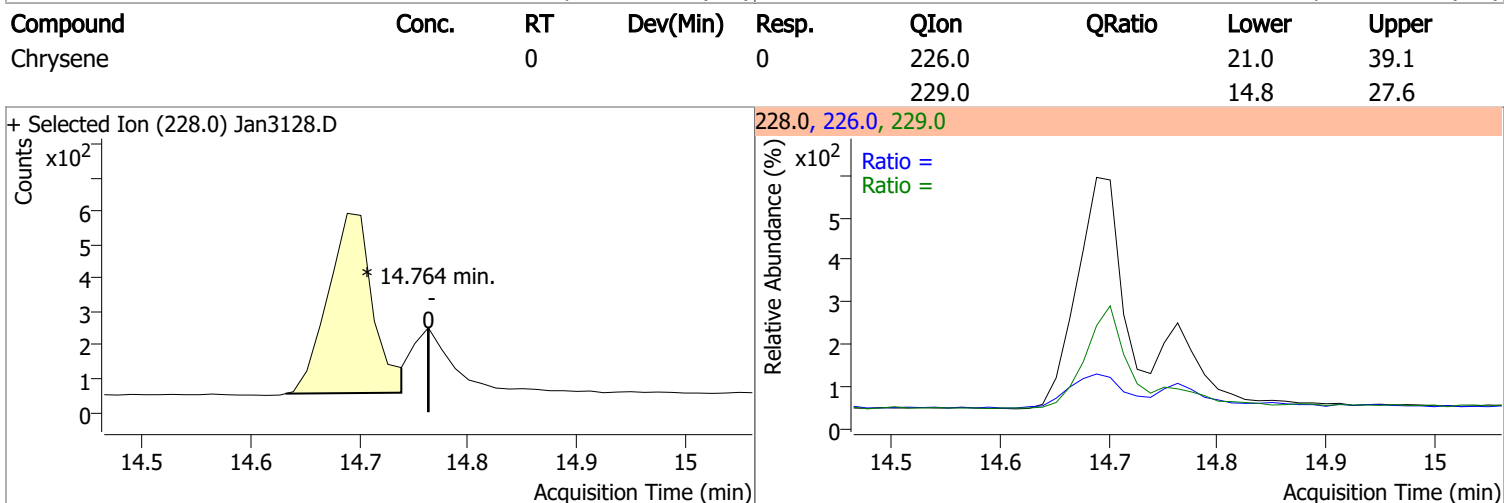
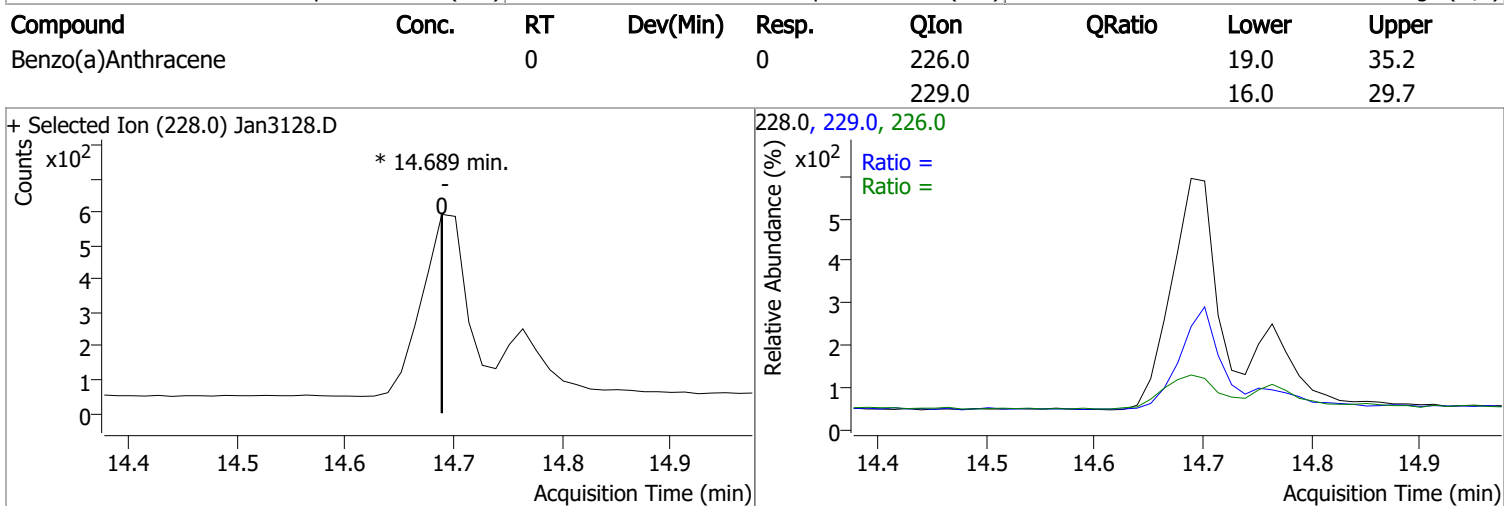
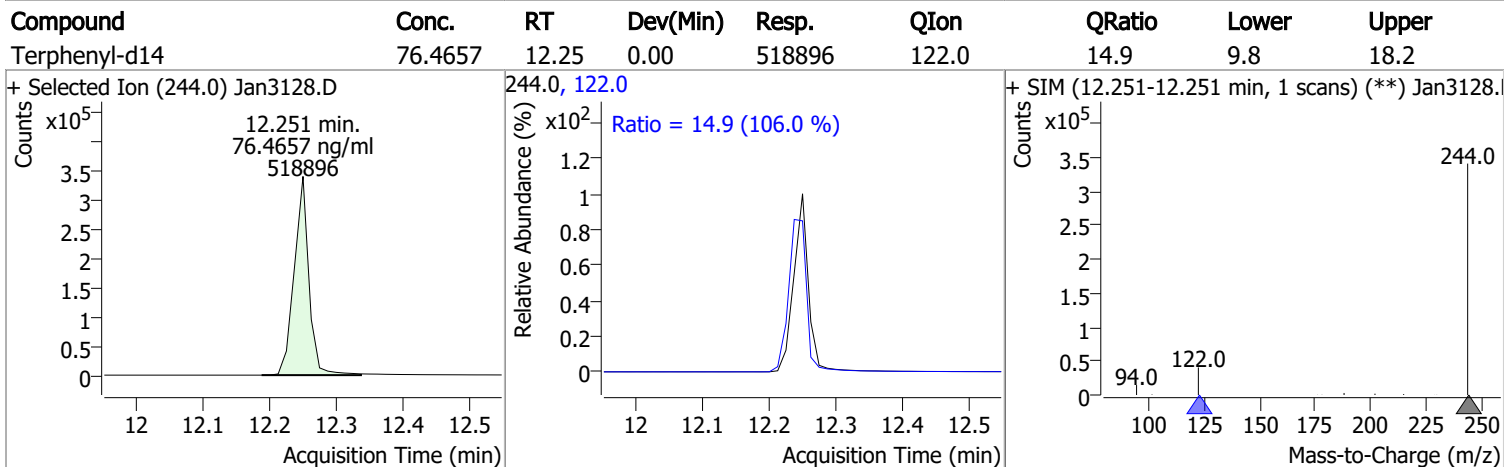
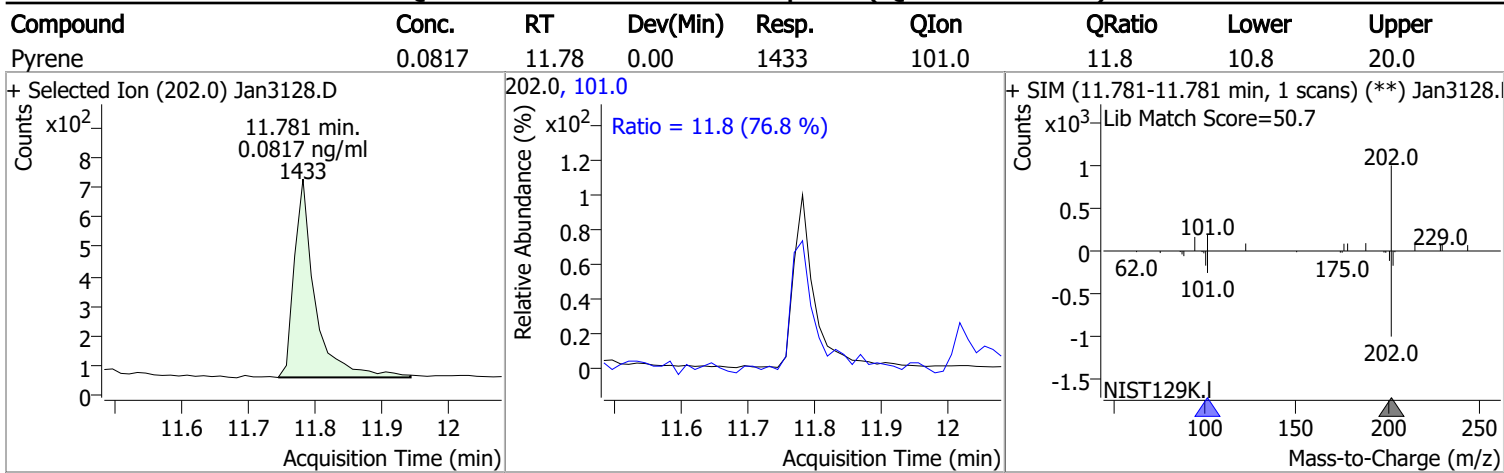
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.1180	10.30	0.00	856	229.0 215.0	67.3 46.1	47.1 31.1	87.5 57.7



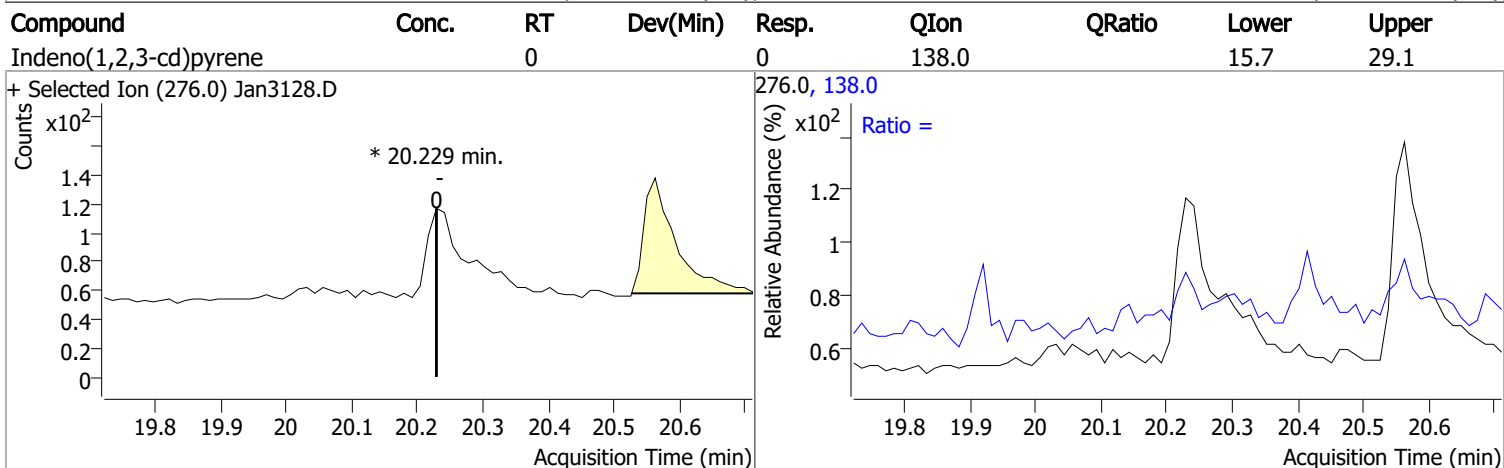
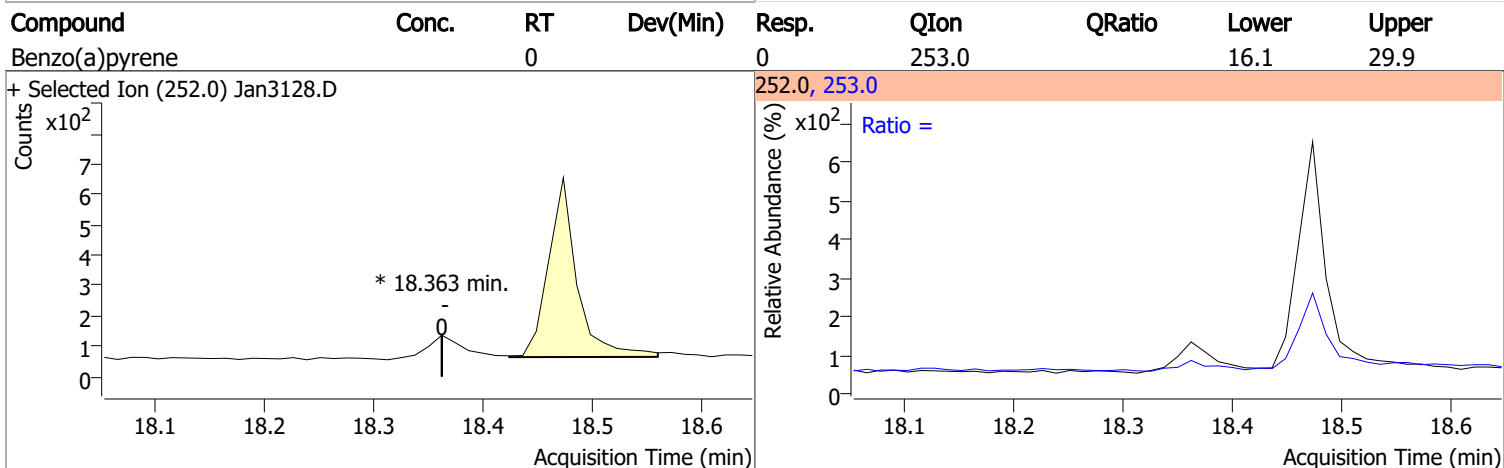
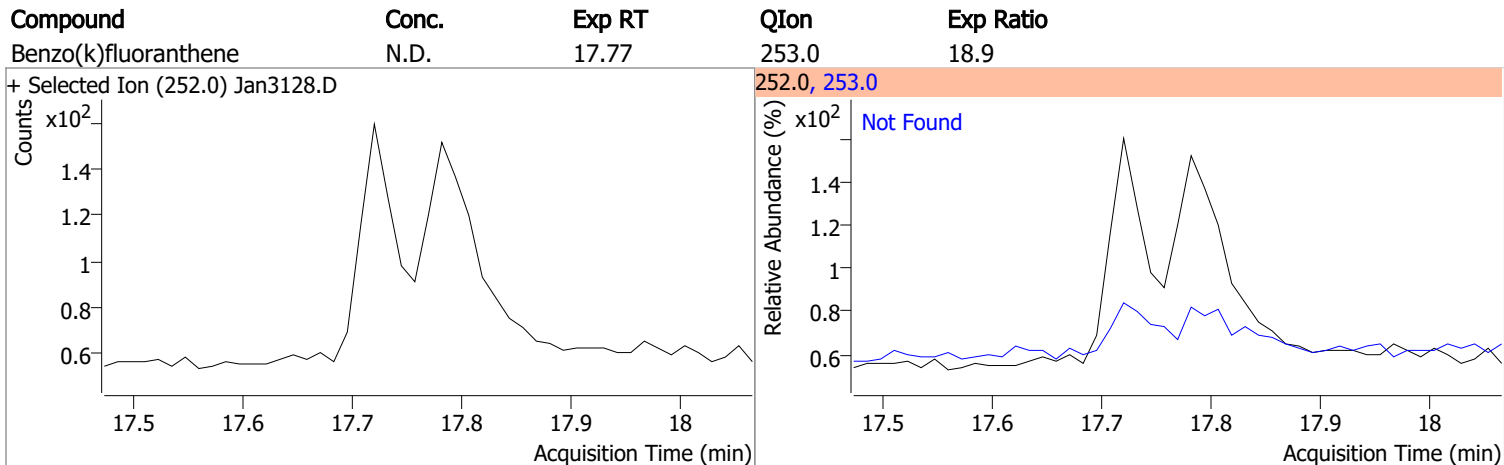
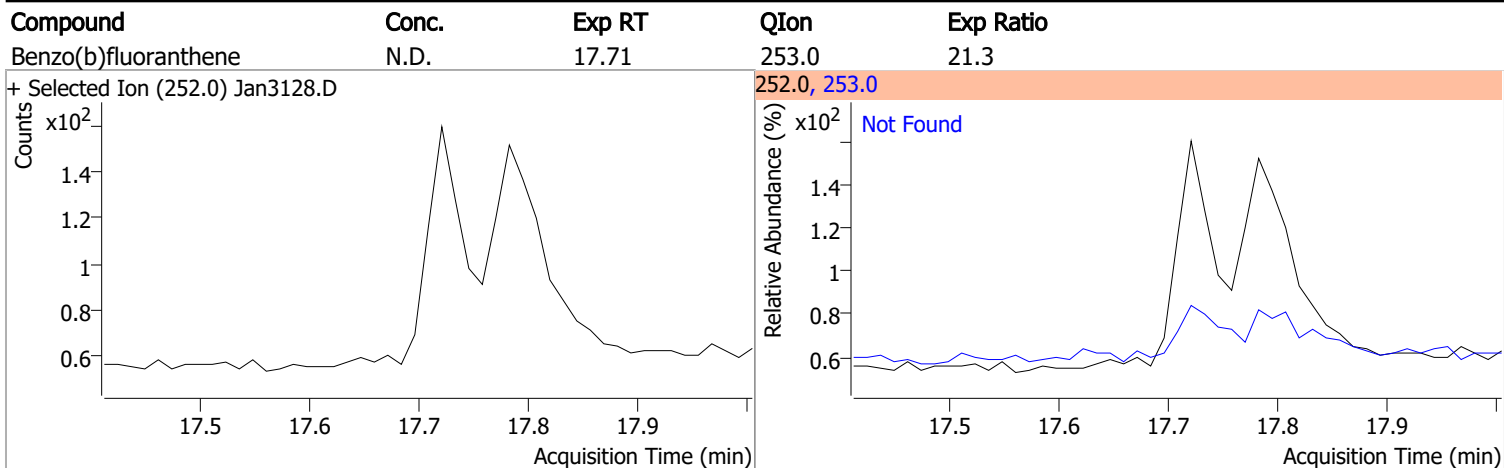
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	0.0908	11.41	0.00	1405	101.0	10.6	8.8	16.3



# Quantitation Results Report (QT Reviewed)



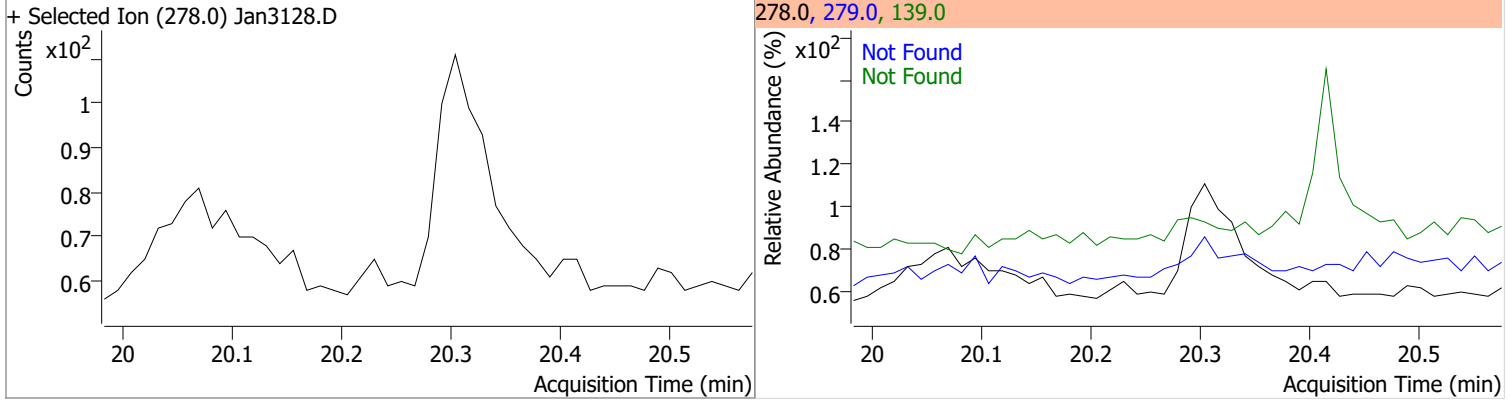
# Quantitation Results Report (QT Reviewed)



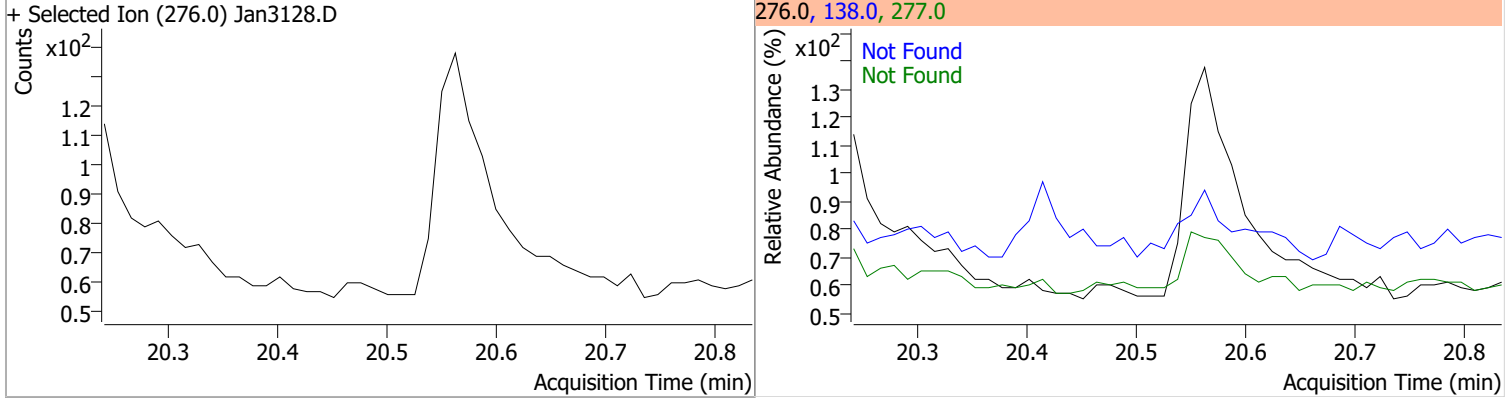


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.28	279.0	24.9	139.0	17.5



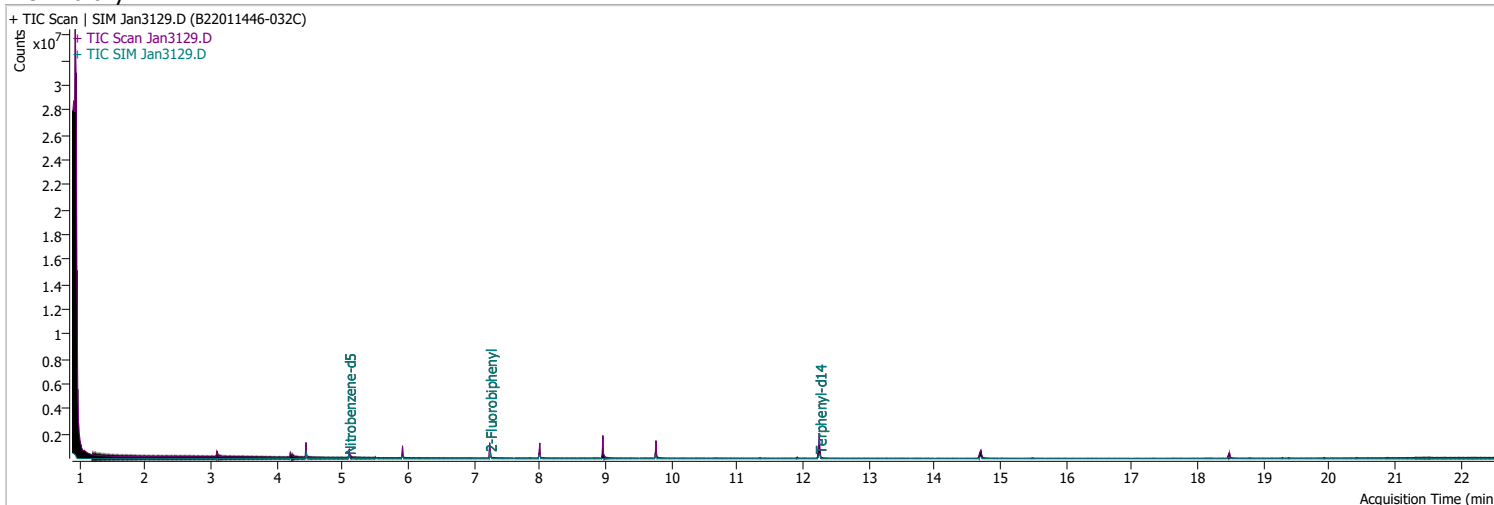
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.54	277.0	24.8	138.0	20.5



# Quantitation Results Report (QT Reviewed)

Data File	Jan3129.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	2/1/2022 3:05:43 AM
Sample Name	B22011446-032C	Instrument	GCMS
Vial	22	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.447	152.0	137458	40.0000	ng/ml	-0.012
M Naphthalene-d8	5.916	136.0	231190	40.0000	ng/ml	0.000
M Acenaphthene-d10	7.988	164.0	154883	40.0000	ng/ml	-0.012
M Phenanthrene-d10	9.756	188.0	338402	40.0000	ng/ml	-0.012
M Chrysene-d12	14.701	240.0	279590	40.0000	ng/ml	0.000
M Perylene-d12	18.475	264.0	178860	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.093	82.0	299799	38.8899	ng/ml	-0.025
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 777.80%		*
S 2-Fluorobiphenyl	7.239	172.0	424600	60.2897	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 1205.79%		*
S o-Terphenyl	0.000		0	N.D.		
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = NA%		
S Terphenyl-d14	12.251	244.0	497785	73.1611	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 1463.22%		*
<b>Target Compounds</b>						<b>QValue</b>
T Naphthalene	0.000		0	N.D.		
T 2-Methylnaphthalene	0.000		0	N.D.		
T 1-Methylnaphthalene	0.000		0	N.D.		
T Acenaphthylene	0.000		0	N.D.		
T Acenaphthene	8.025	154.0	0		ng/ml	md
T Fluorene	8.960	166.0	0		ng/ml	md
T Phenanthrene	0.000		0	N.D.		
T Anthracene	0.000		0	N.D.		
T Fluoranthene	0.000		0	N.D.		
T Pyrene	0.000		0	N.D.		
T Benzo(a)Anthracene	14.689	228.0	0		ng/ml	md
T Chrysene	14.764	228.0	0		ng/ml	md
T Benzo(b)fluoranthene	0.000		0	N.D.		

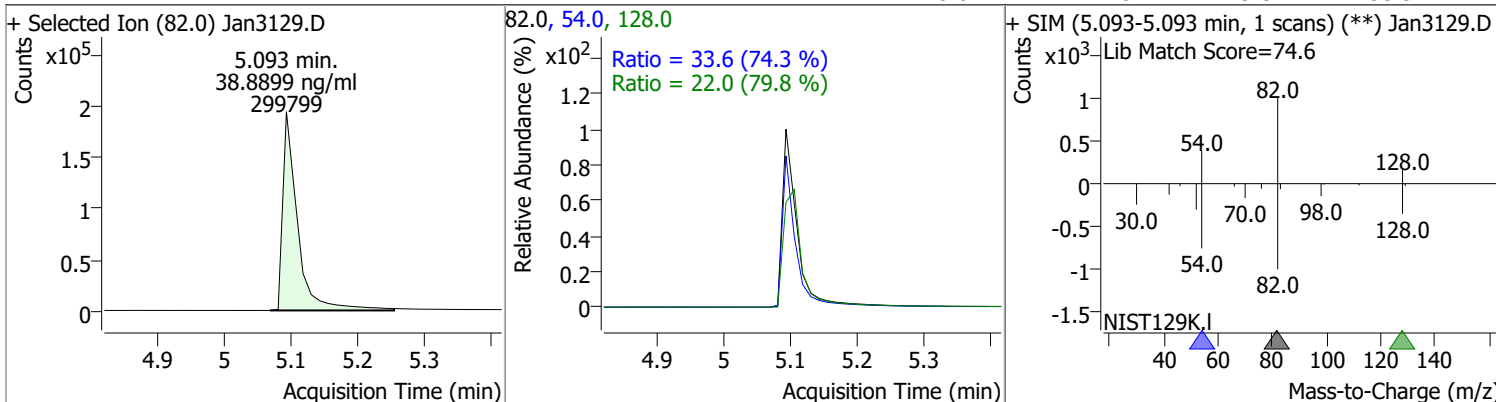
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.		
T Benzo(a)pyrene	18.475	252.0	0		ng/ml	md
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
T Dibenzo(a,h)anthracene	0.000		0	N.D.		
T Benzo(g,h,i)perylene	0.000		0	N.D.		

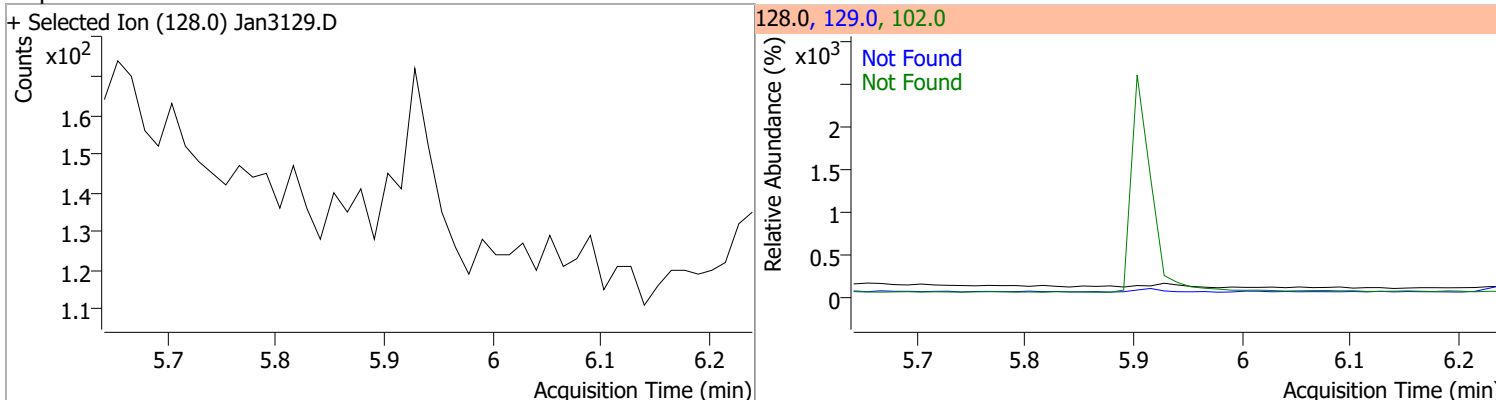
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

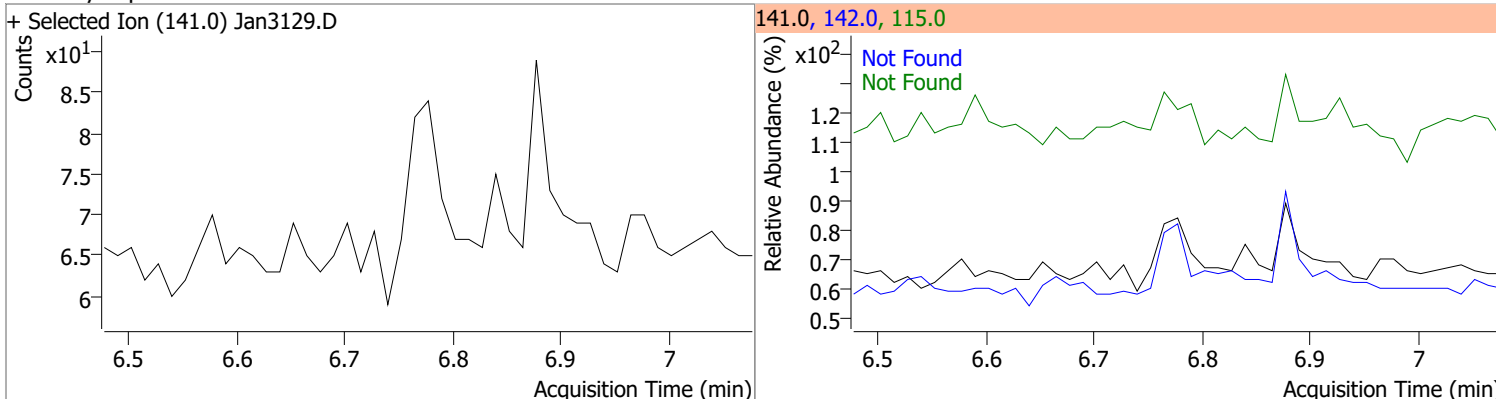
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	38.8899	5.09	-0.02	299799	54.0	33.6	31.6	58.8
					128.0	22.0	19.3	35.9



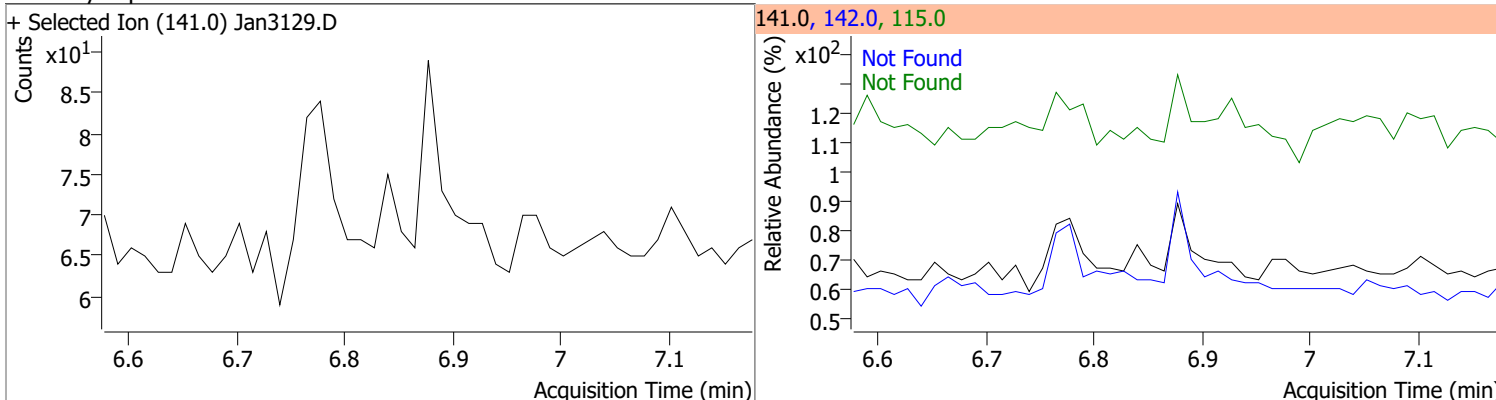
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.94	102.0	20.6	129.0	11.0



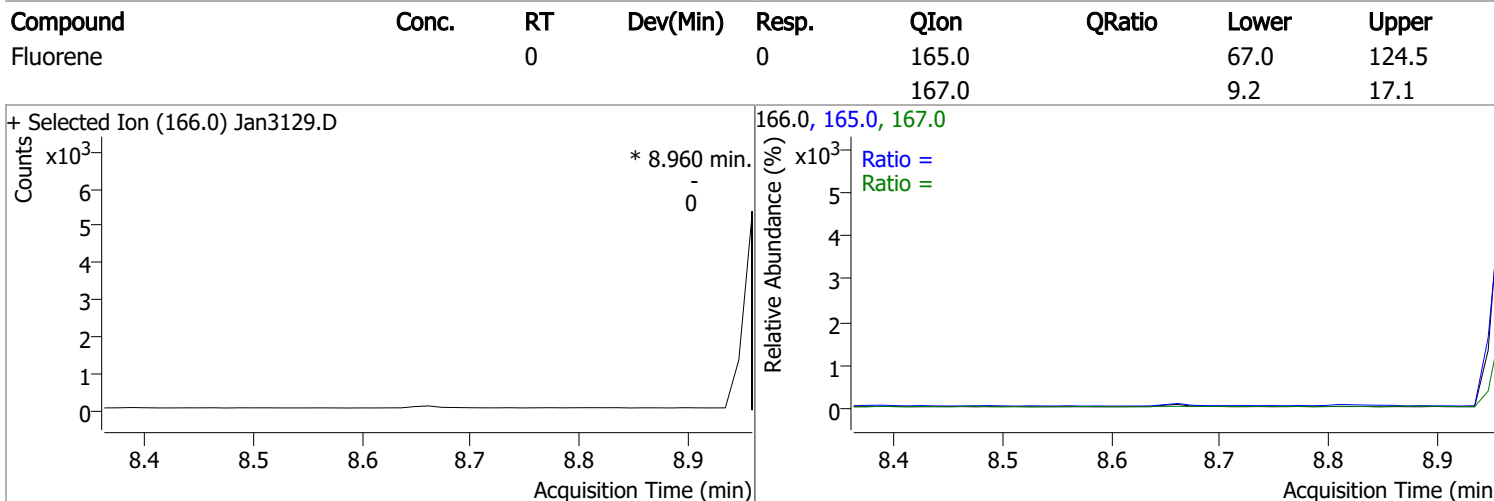
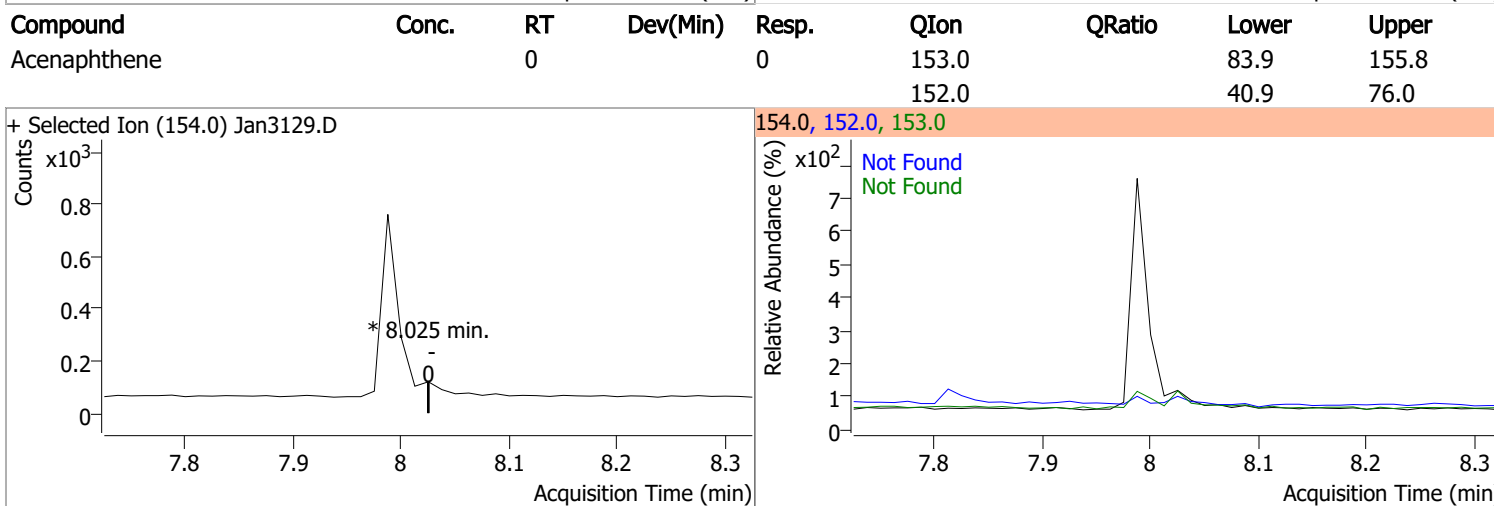
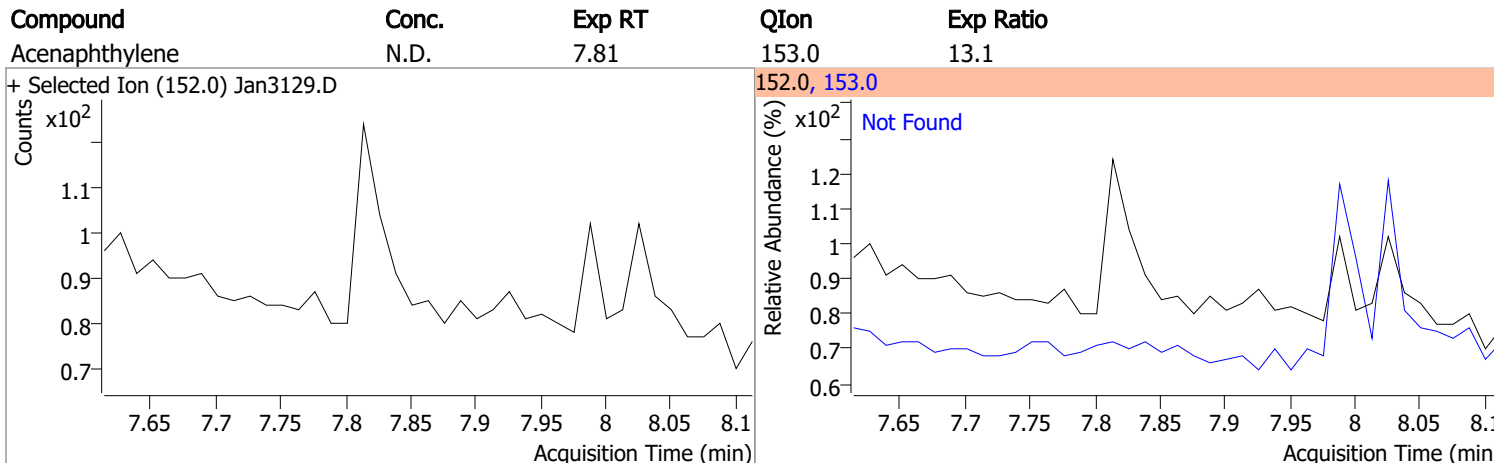
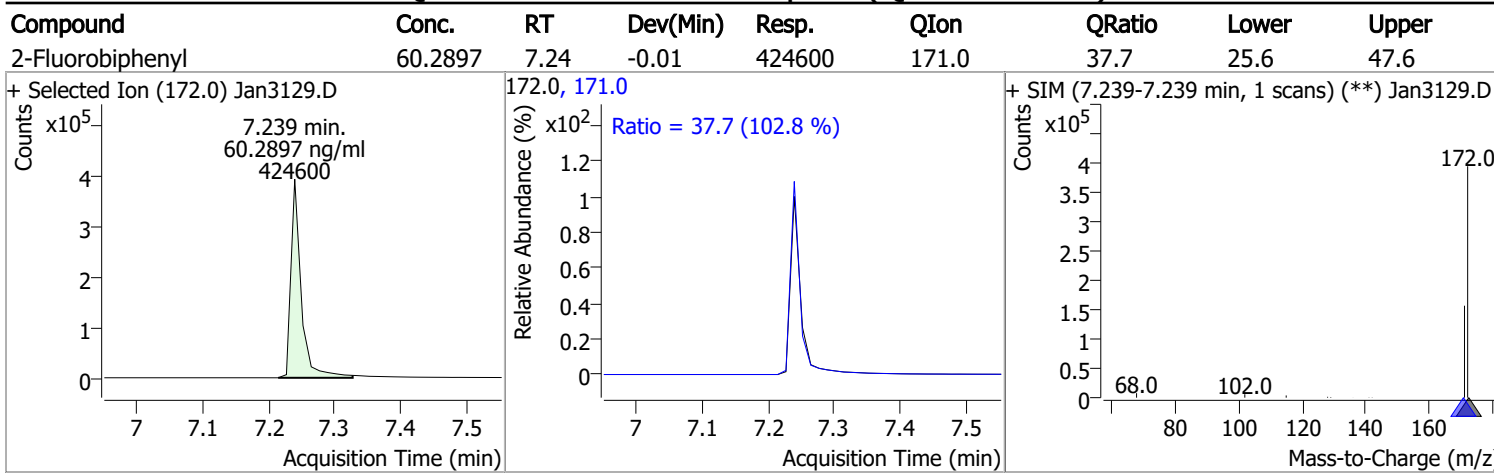
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.78	142.0	141.5	115.0	66.1



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.88	142.0	111.9	115.0	76.3

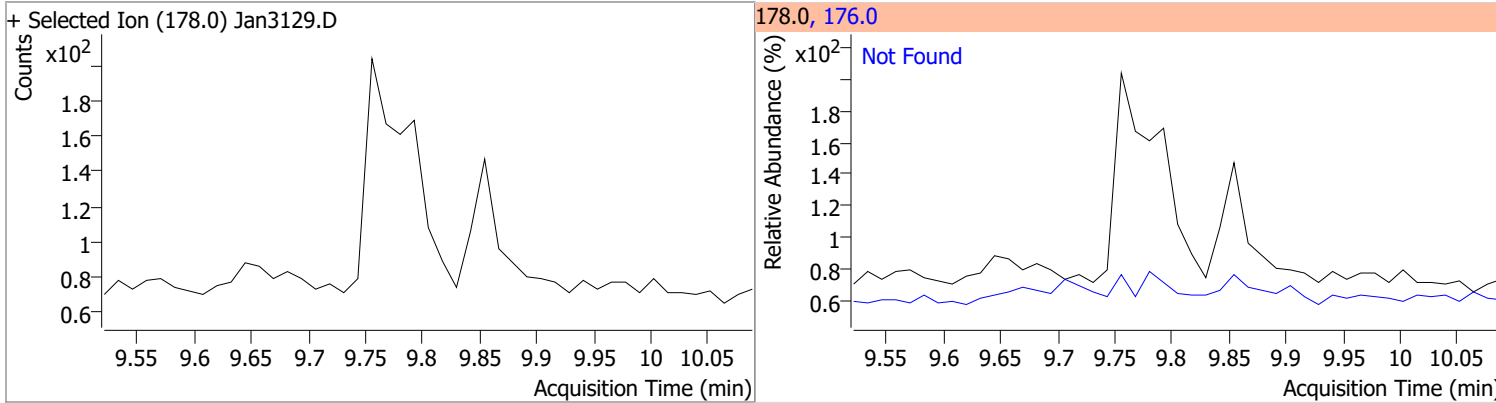


# Quantitation Results Report (QT Reviewed)

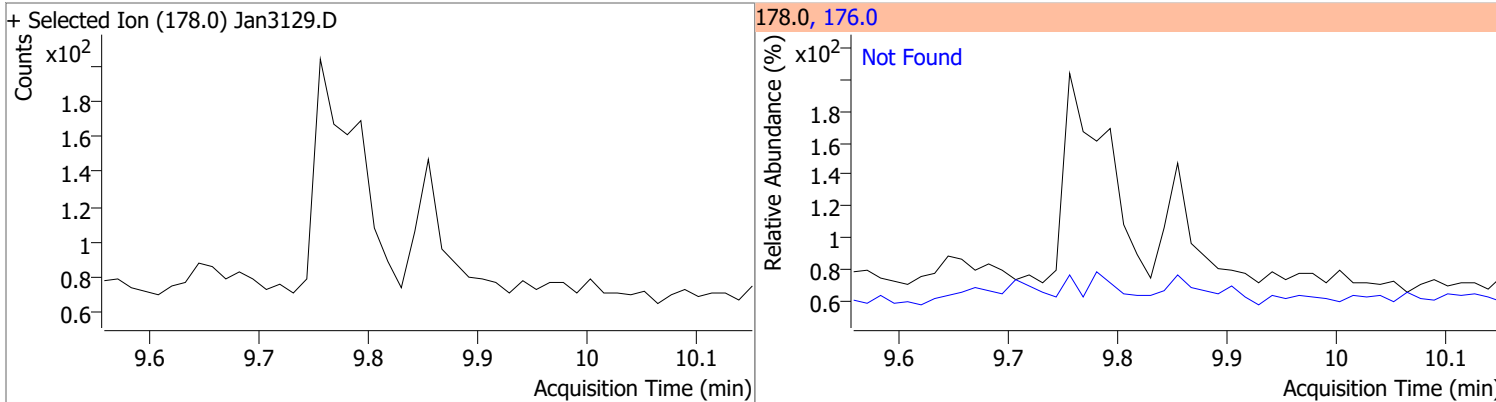


# Quantitation Results Report (QT Reviewed)

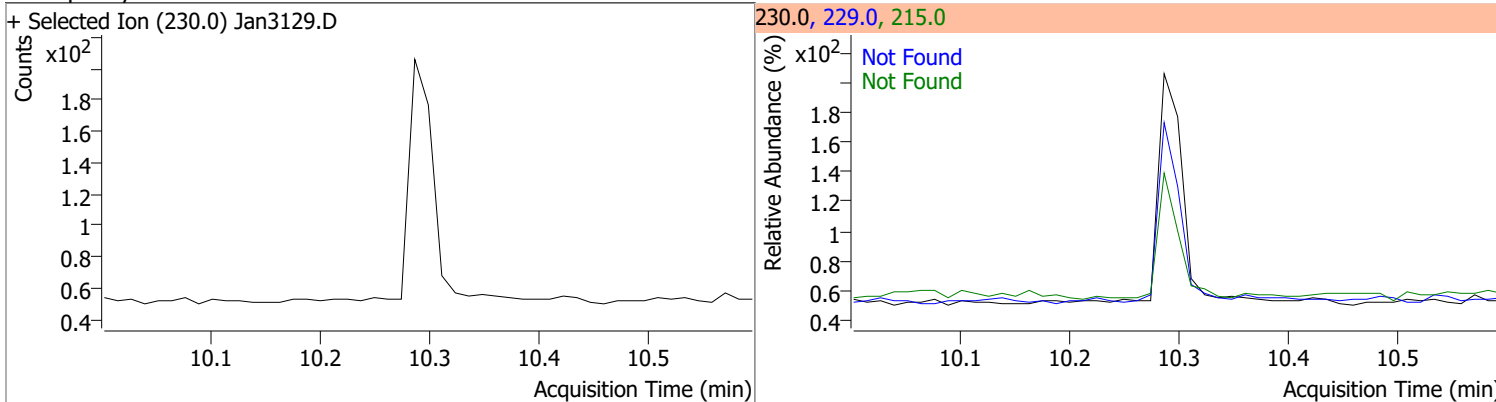
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.79	176.0	18.9



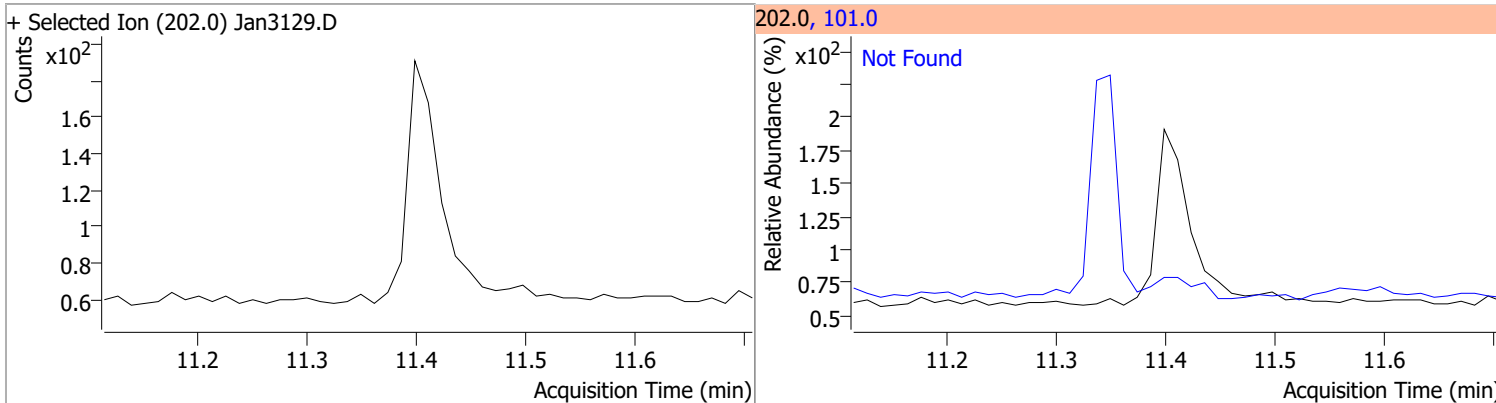
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.85	176.0	18.3



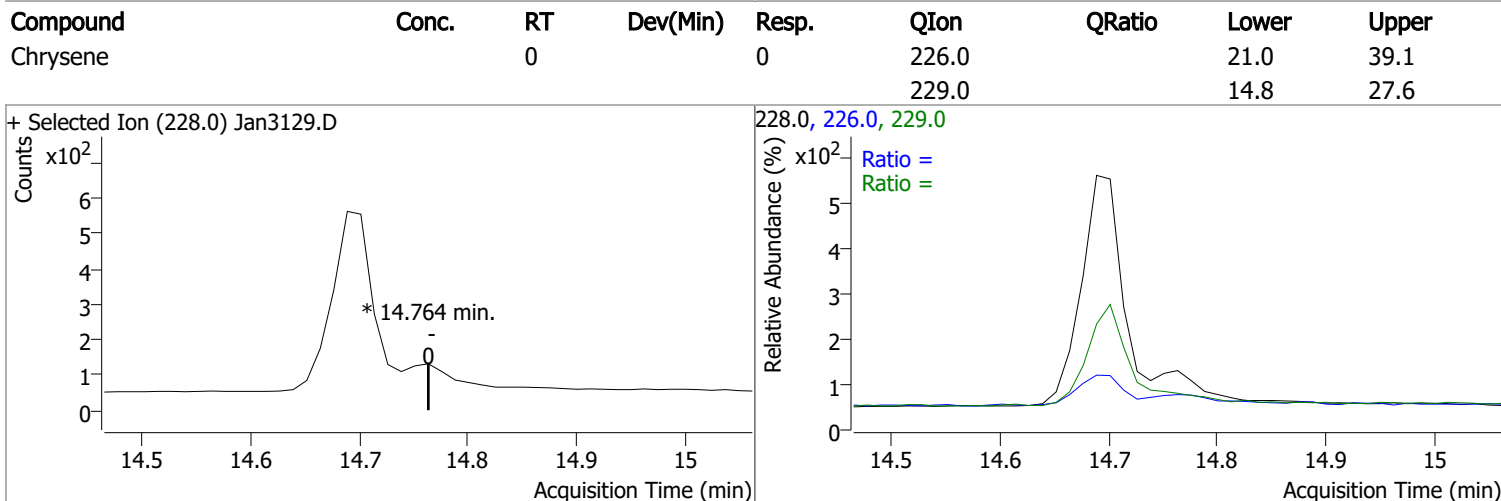
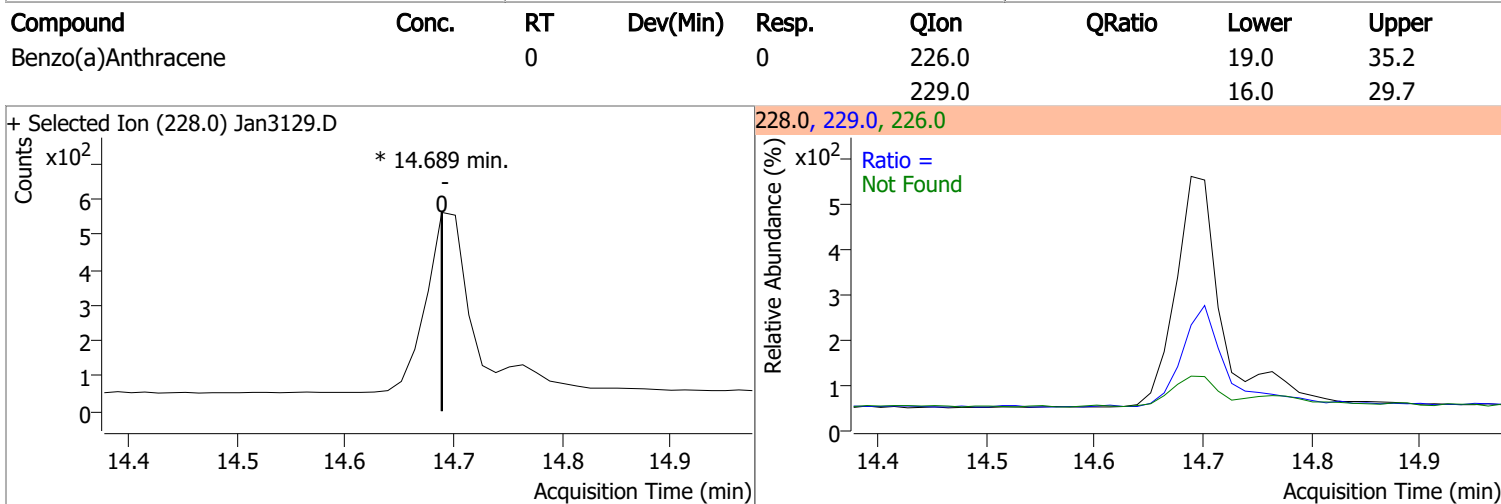
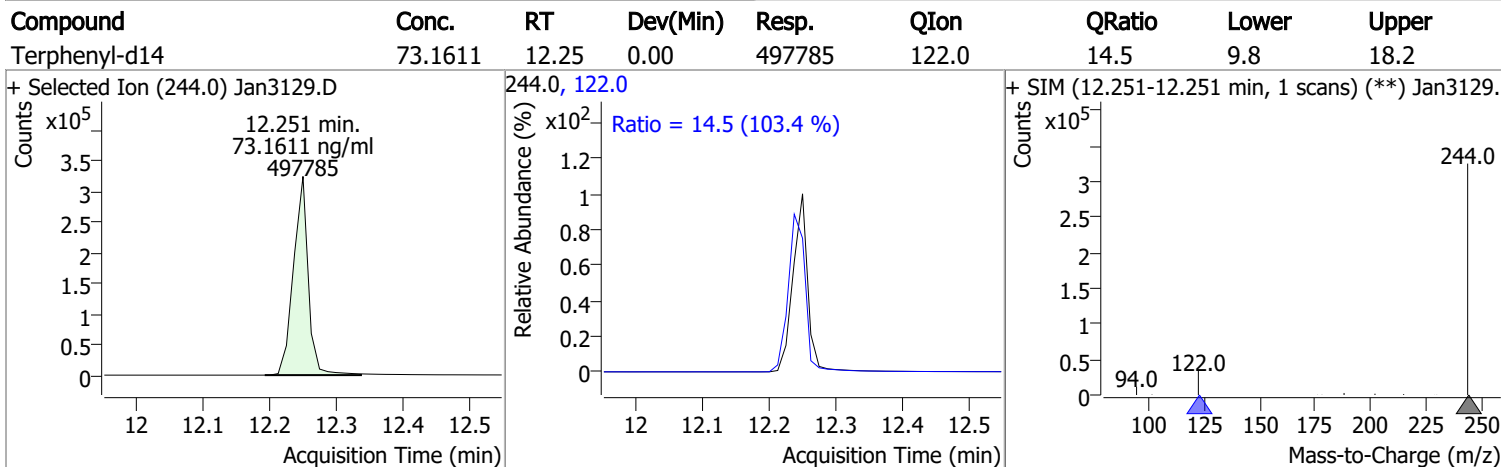
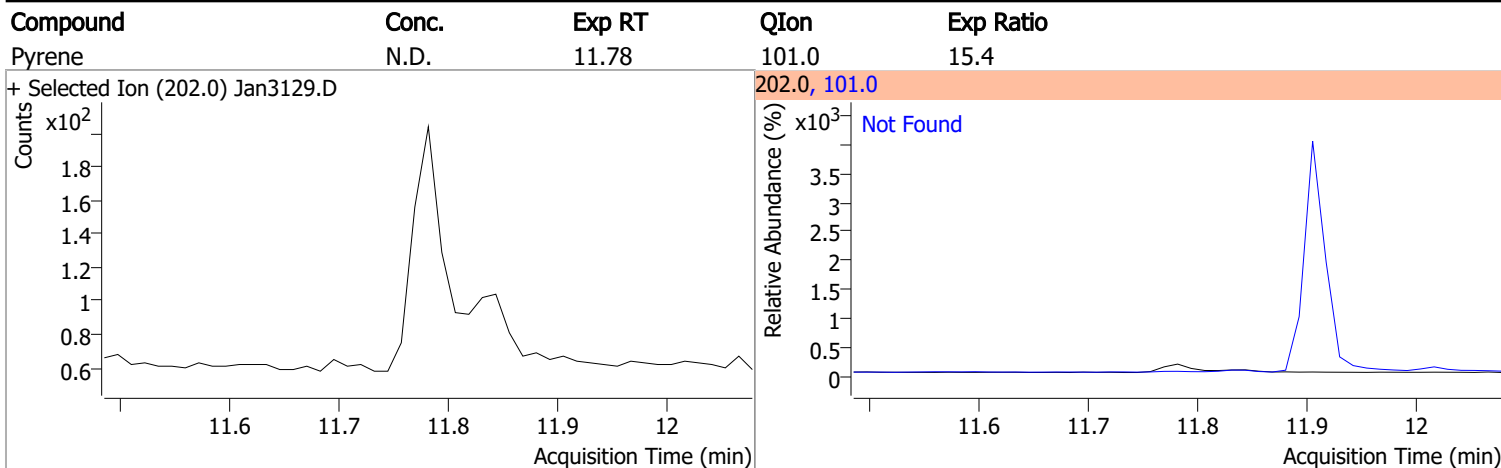
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	67.3	215.0	44.4



Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	12.5

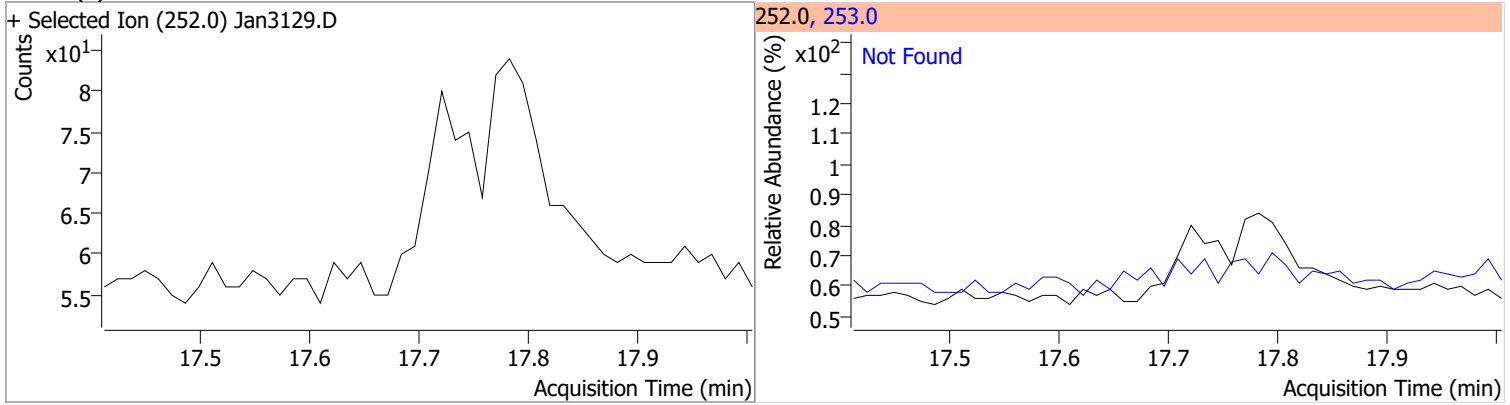


# Quantitation Results Report (QT Reviewed)

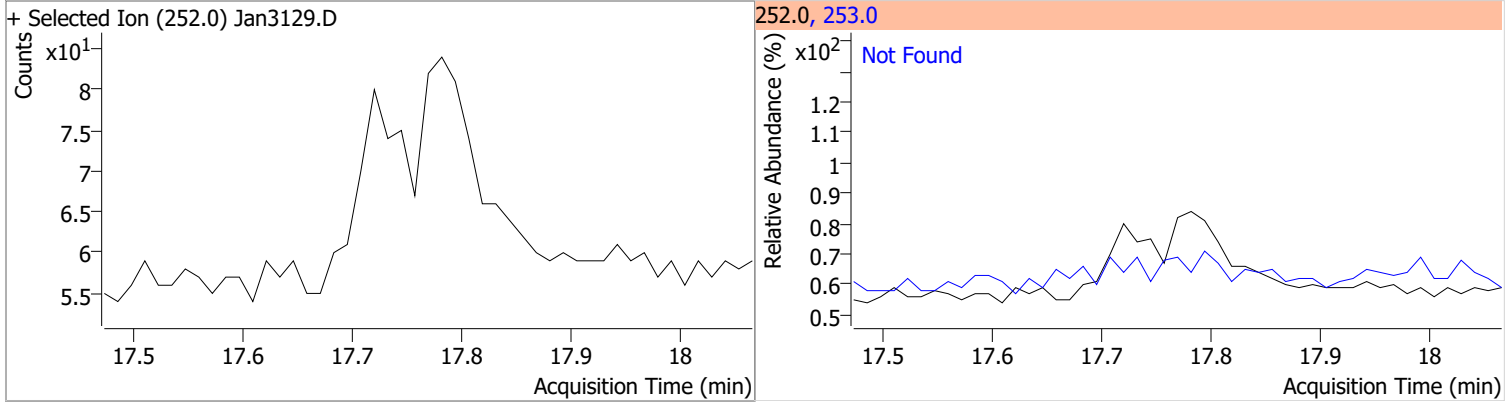


# Quantitation Results Report (QT Reviewed)

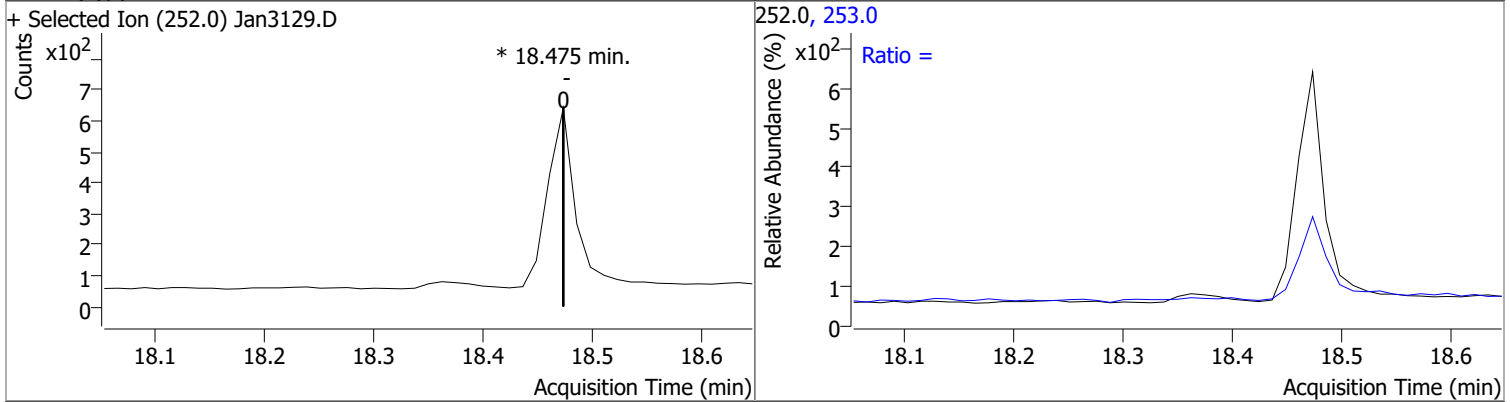
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.71	253.0	21.3



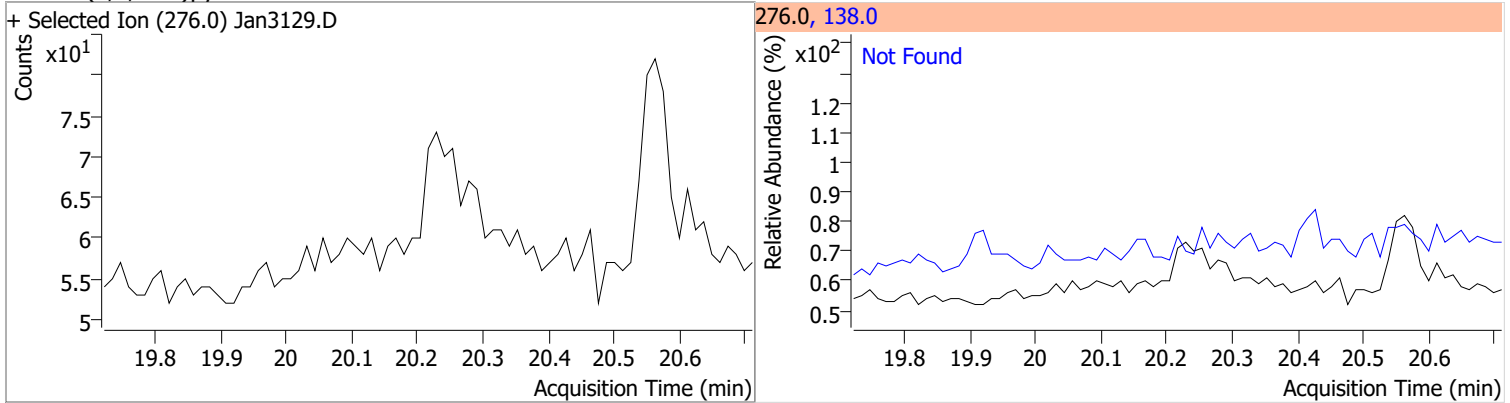
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.77	253.0	18.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.1	29.9



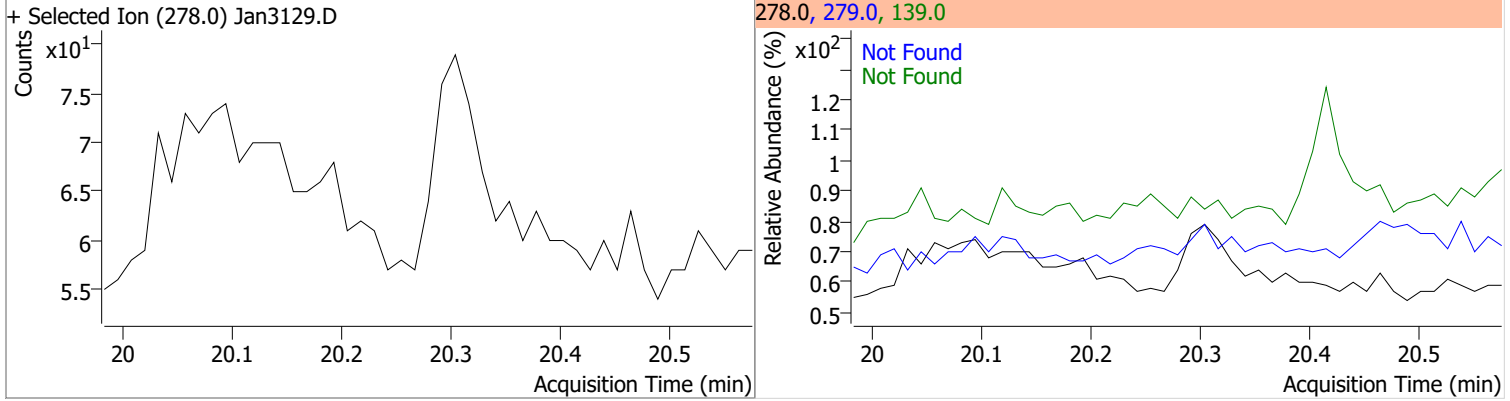
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.22	138.0	22.4



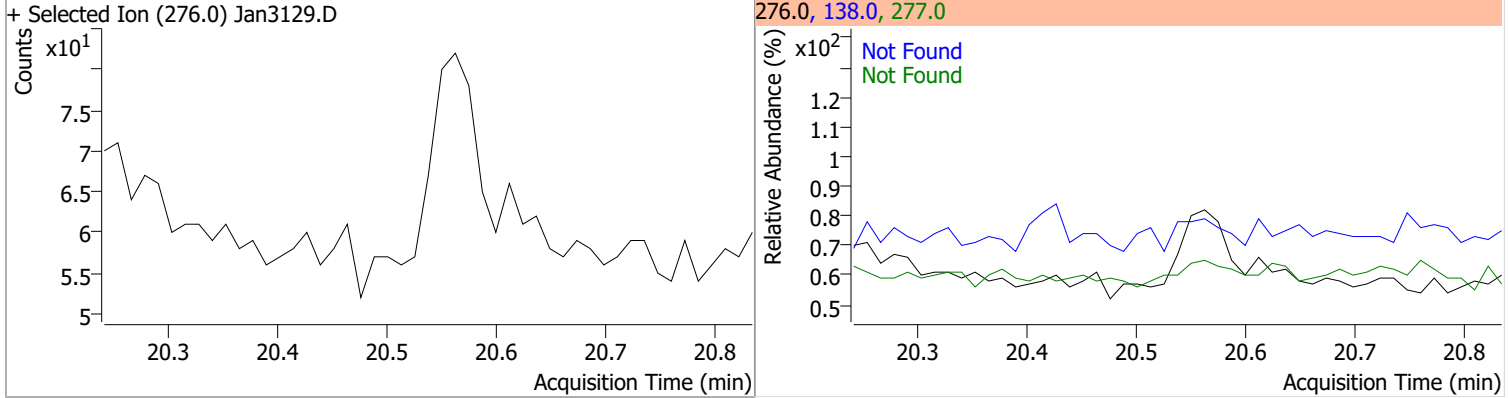


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.28	279.0	24.9	139.0	17.5



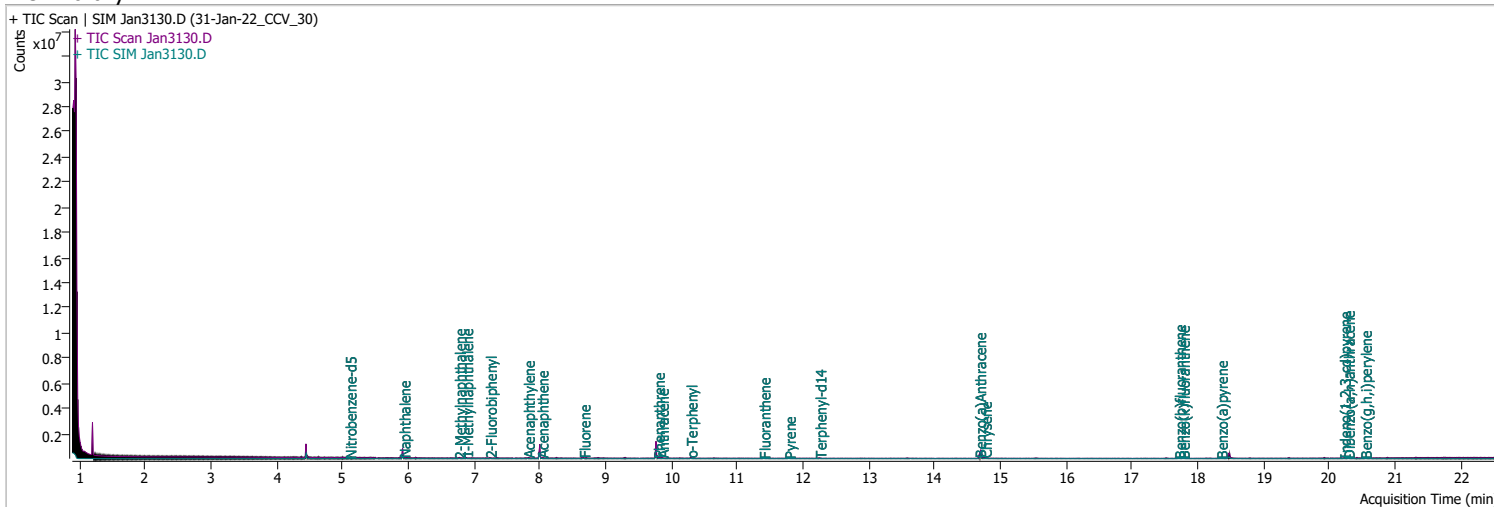
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.54	277.0	24.8	138.0	20.5



# Quantitation Results Report (QT Reviewed)

Data File	Jan3130.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	2/1/2022 3:38:00 AM
Sample Name	31-Jan-22_CCV_30	Instrument	GCMS
Vial	23	Multiplier	1.00
DA Method File	012622 bna SIM 2.batch.bin	Comment	SVOC-8270C-SIM-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	013122 bna SIM 2.batch.bin	Last Calib Update	1/27/2022 8:37:26 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M 1,4-Dichlorobenzene-d4	4.447	152.0	134300	40.0000	ng/ml	-0.013
M Naphthalene-d8	5.916	136.0	218112	40.0000	ng/ml	0.000
M Acenaphthene-d10	7.988	164.0	152137	40.0000	ng/ml	-0.013
M Phenanthrene-d10	9.755	188.0	326584	40.0000	ng/ml	-0.013
M Chrysene-d12	14.701	240.0	263688	40.0000	ng/ml	0.000
M Perylene-d12	18.474	264.0	175746	40.0000	ng/ml	0.000
<b>System Monitoring Compounds</b>						
S Nitrobenzene-d5	5.106	82.0	6218	2.0722	ng/ml	-0.013
Spiked Amount: 5.000	Range: 19.0 - 102.0%			Recovery = 41.44%		
S 2-Fluorobiphenyl	7.239	172.0	13381	2.2364	ng/ml	-0.013
Spiked Amount: 5.000	Range: 25.0 - 94.0%			Recovery = 44.73%		
S o-Terphenyl	10.287	230.0	10155	2.0546	ng/ml	-0.013
Spiked Amount: 5.000	Range: 40.0 - 140.0%			Recovery = 41.09%		
S Terphenyl-d14	12.250	244.0	8959	2.0576	ng/ml	0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 41.15%		
<b>Target Compounds</b>						
T Naphthalene	5.928	128.0	12030	2.1342	ng/ml	90
T 2-Methylnaphthalene	6.765	141.0	7462	2.1912	ng/ml	97
T 1-Methylnaphthalene	6.877	141.0	8219	2.3870	ng/ml	93
T Acenaphthylene	7.813	152.0	14447	2.0980	ng/ml	98
T Acenaphthene	8.025	154.0	9436	2.1357	ng/ml	94
T Fluorene	8.661	166.0	11480	1.9179	ng/ml	98
T Phenanthrene	9.792	178.0	17230	2.0231	ng/ml	m 88
T Anthracene	9.854	178.0	13633	1.6489	ng/ml	93
T Fluoranthene	11.398	202.0	20433	2.0438	ng/ml	97
T Pyrene	11.781	202.0	21556	1.9583	ng/ml	96
T Benzo(a)Anthracene	14.676	228.0	16005	2.0953	ng/ml	100
T Chrysene	14.764	228.0	20693	1.9815	ng/ml	100
T Benzo(b)fluoranthene	17.708	252.0	14032	2.0754	ng/ml	100

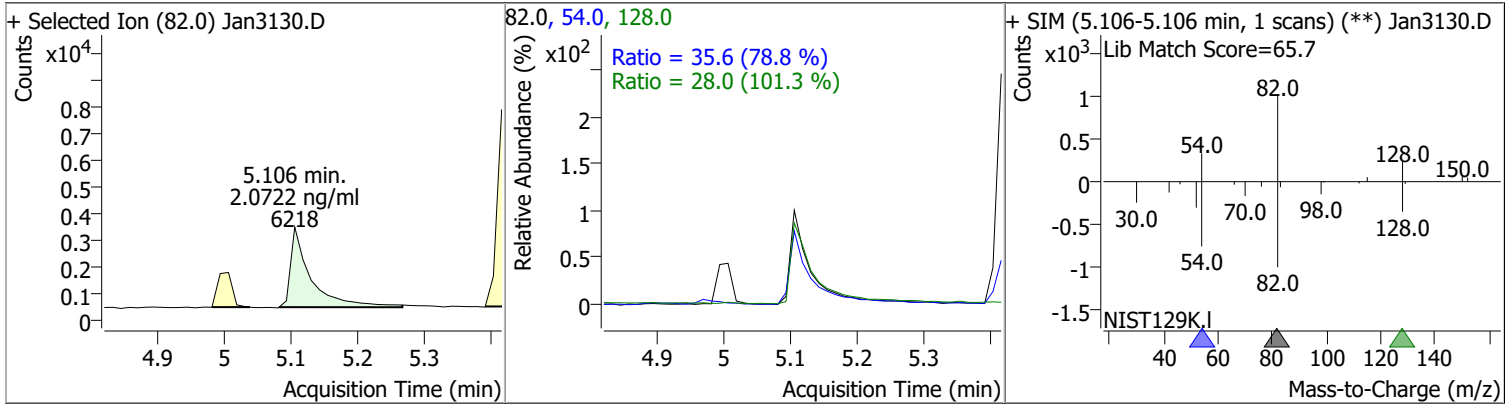
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	16926	2.0367	ng/ml	93
T Benzo(a)pyrene	18.351	252.0	11928	2.1000	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.217	276.0	10025	1.9929	ng/ml	94
T Dibenzo(a,h)anthracene	20.278	278.0	12088	2.0586	ng/ml	98
T Benzo(g,h,i)perylene	20.538	276.0	15911	2.1333	ng/ml	94

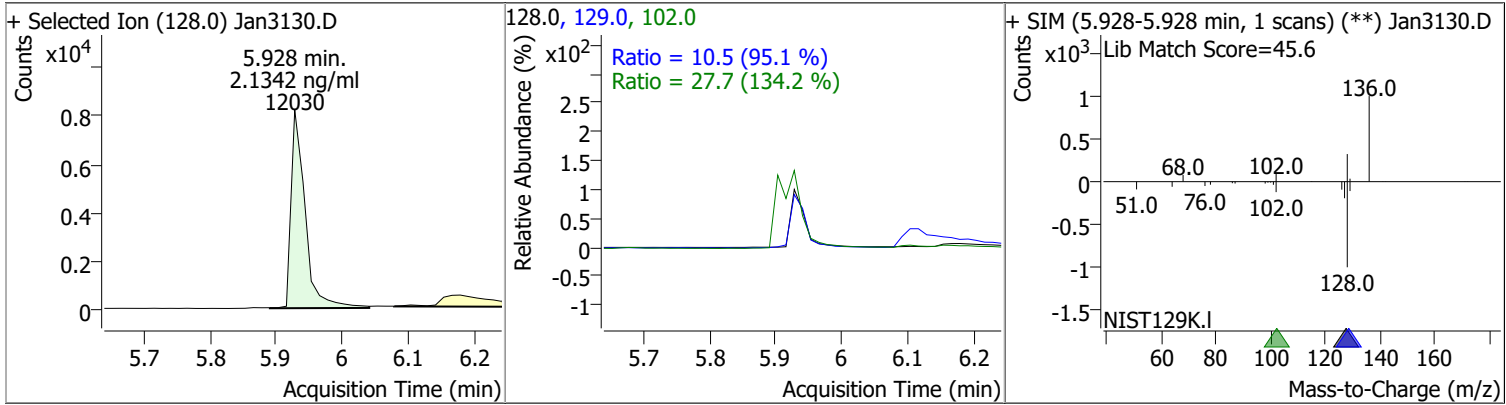
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

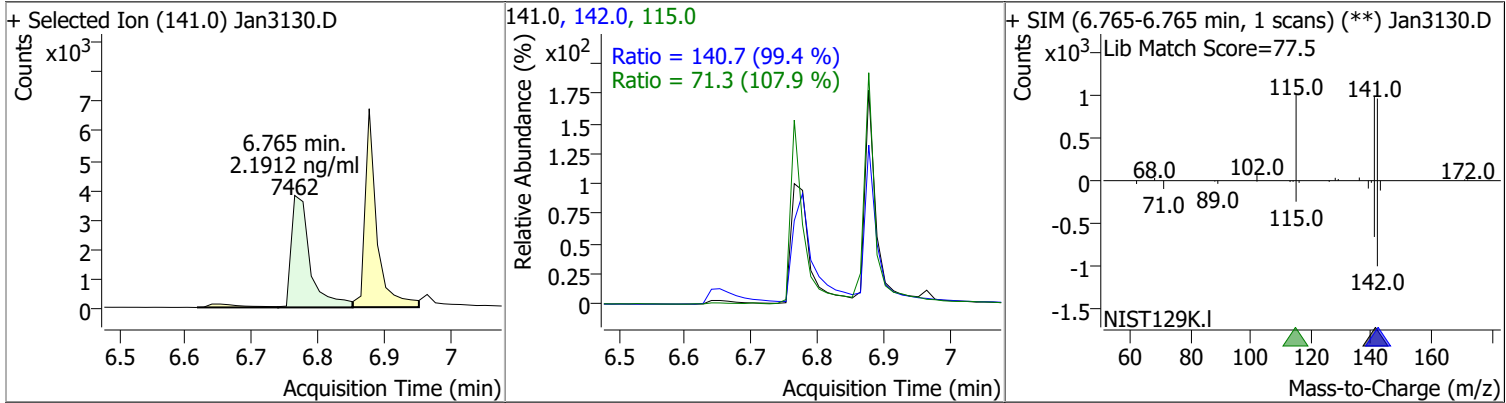
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	2.0722	5.11	-0.01	6218	54.0	35.6	31.6	58.8
					128.0	28.0	19.3	35.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.1342	5.93	-0.01	12030	102.0	27.7	0.0	61.8
					129.0	10.5	7.7	14.3

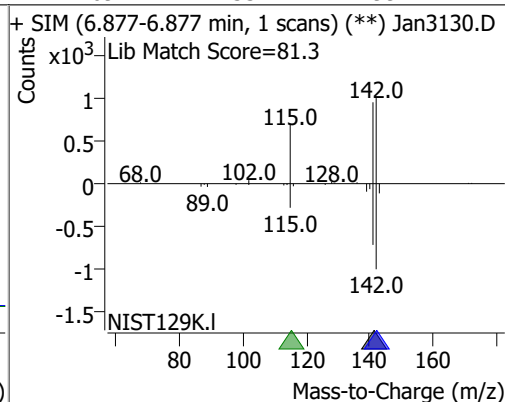
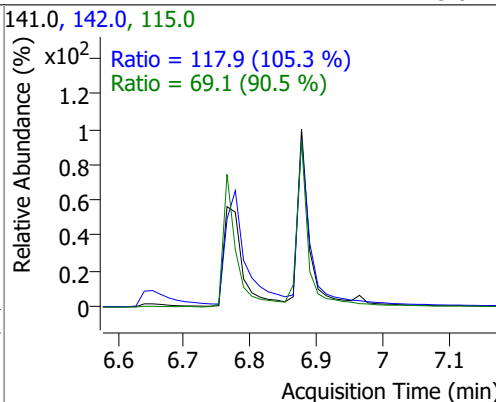
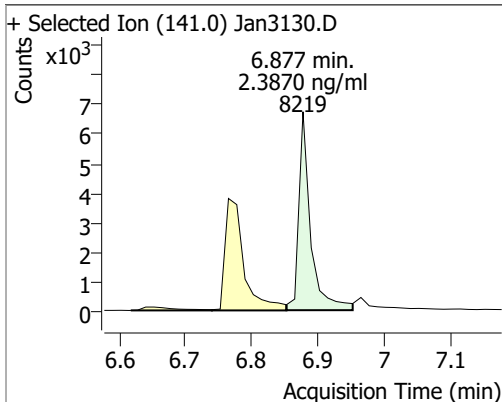


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	2.1912	6.76	-0.01	7462	142.0	140.7	99.1	184.0
					115.0	71.3	46.3	86.0

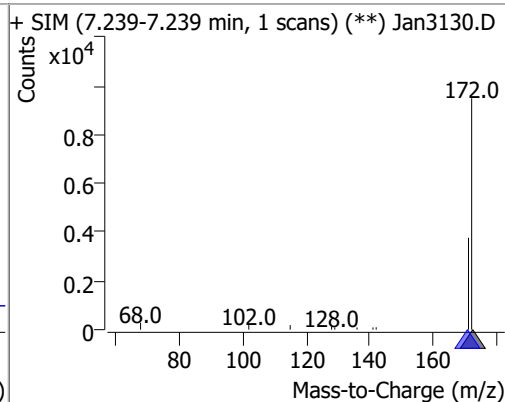
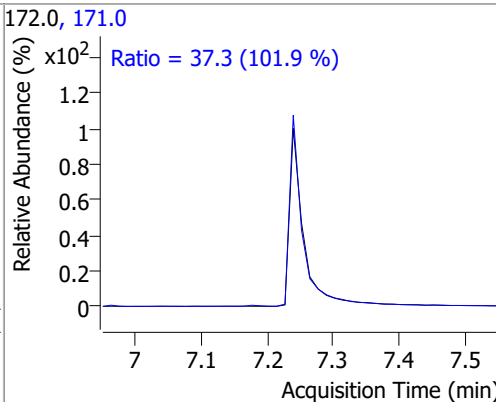
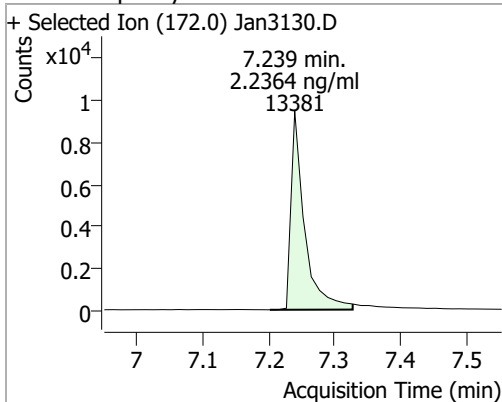


# Quantitation Results Report (QT Reviewed)

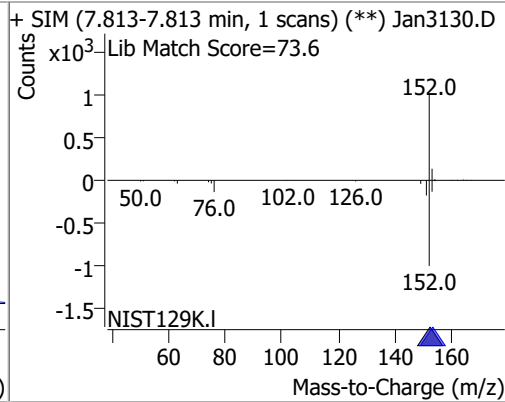
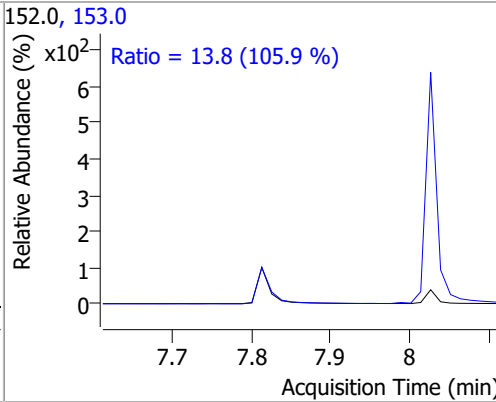
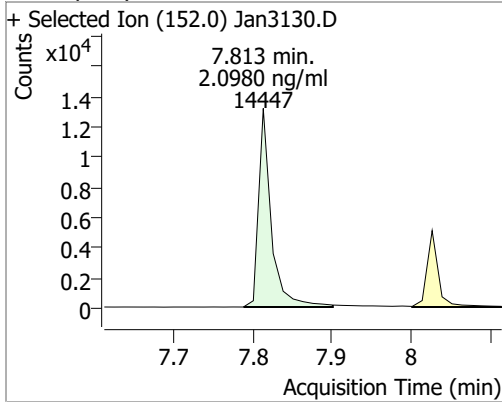
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.3870	6.88	0.00	8219	142.0	117.9	78.3	145.5
					115.0	69.1	53.4	99.2



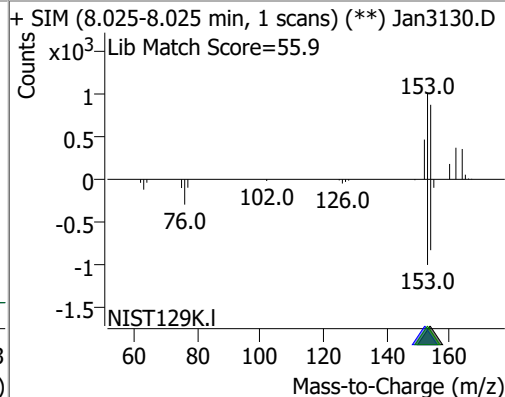
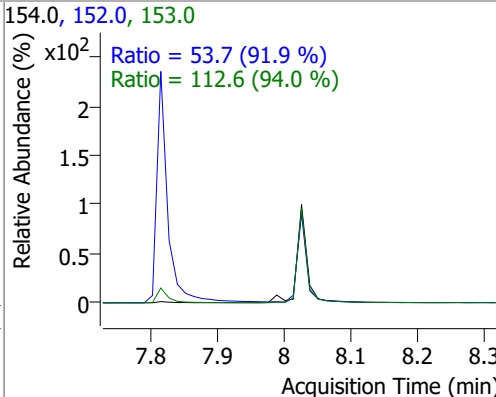
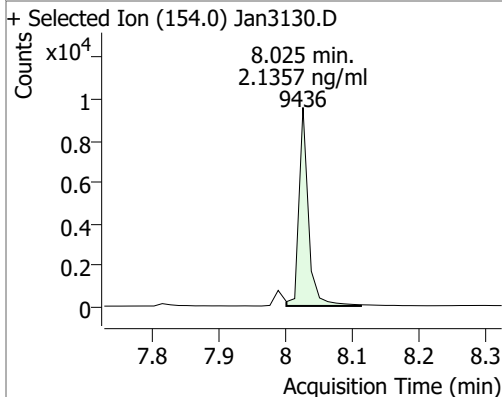
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	2.2364	7.24	-0.01	13381	171.0	37.3	25.6	47.6



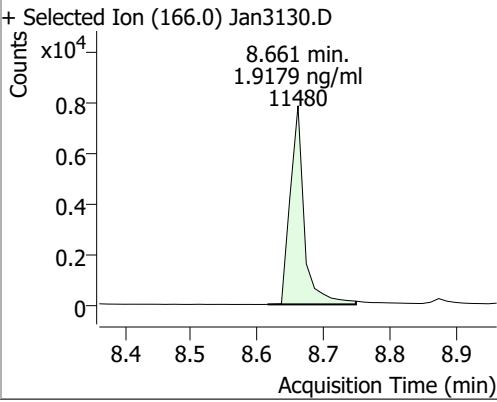
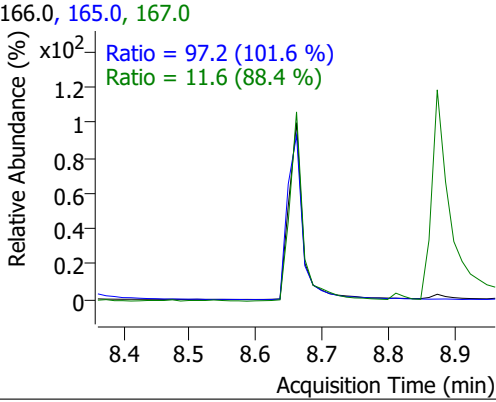
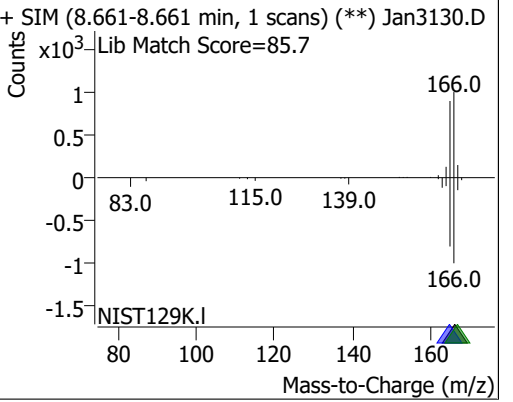
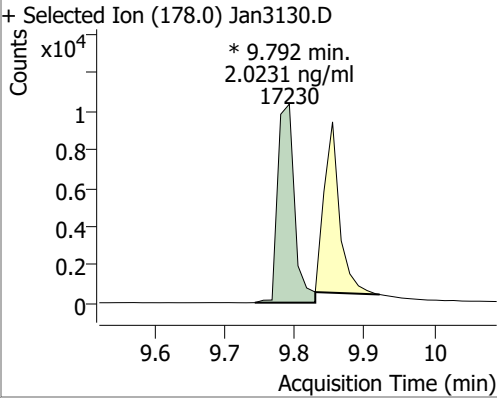
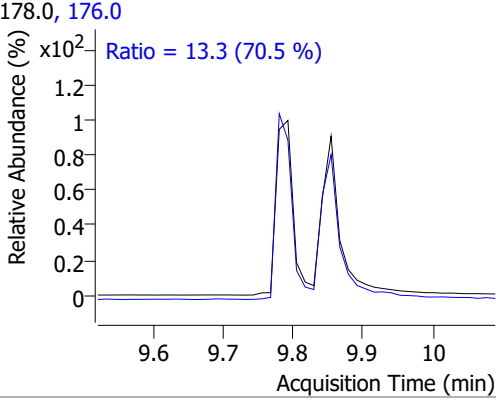
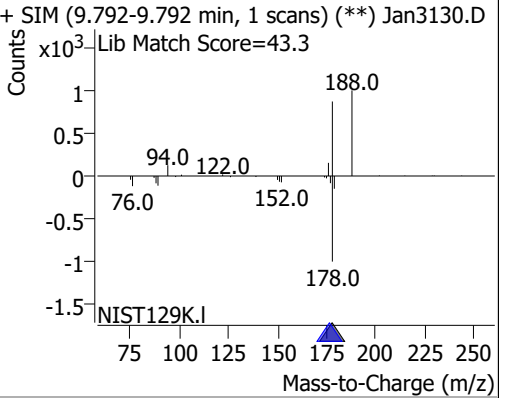
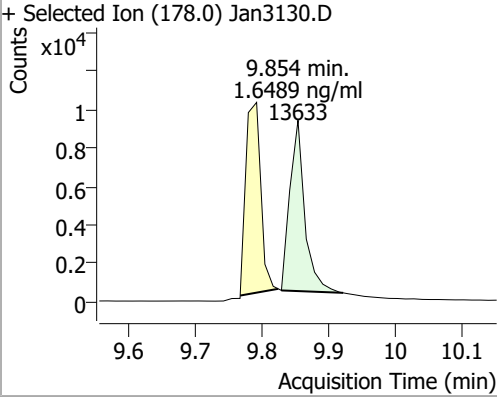
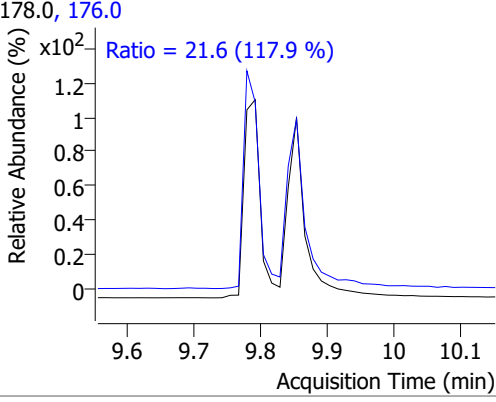
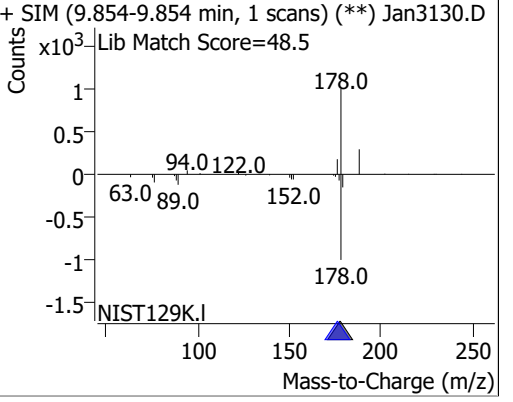
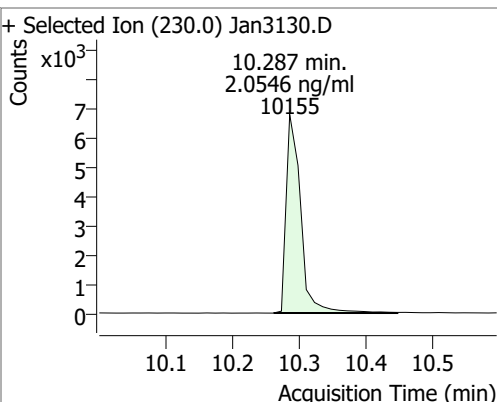
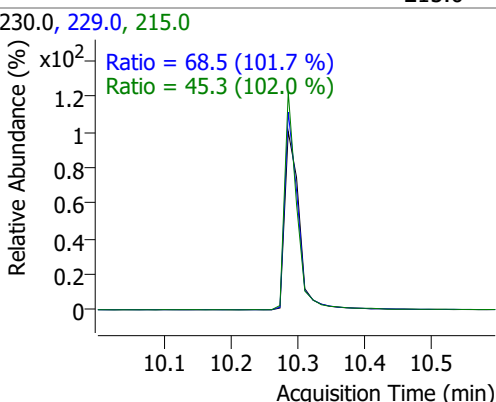
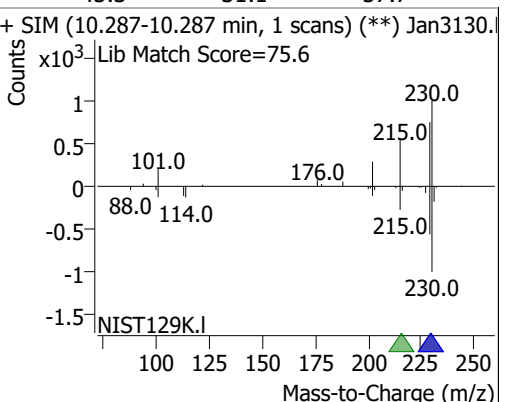
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	2.0980	7.81	0.00	14447	153.0	13.8	9.1	17.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	2.1357	8.03	0.00	9436	153.0	112.6	83.9	155.8
					152.0	53.7	40.9	76.0

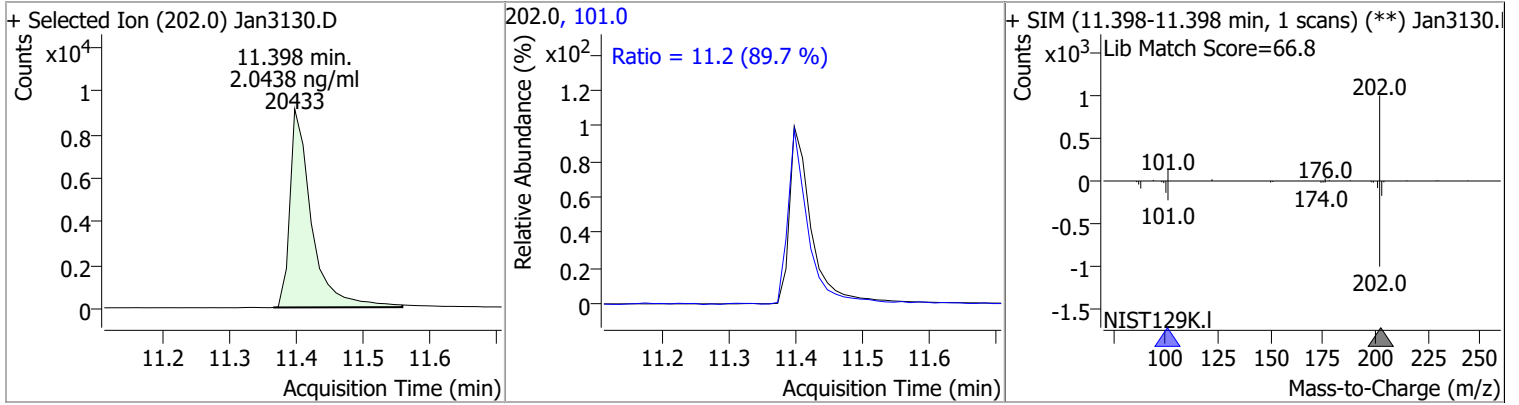


# Quantitation Results Report (QT Reviewed)

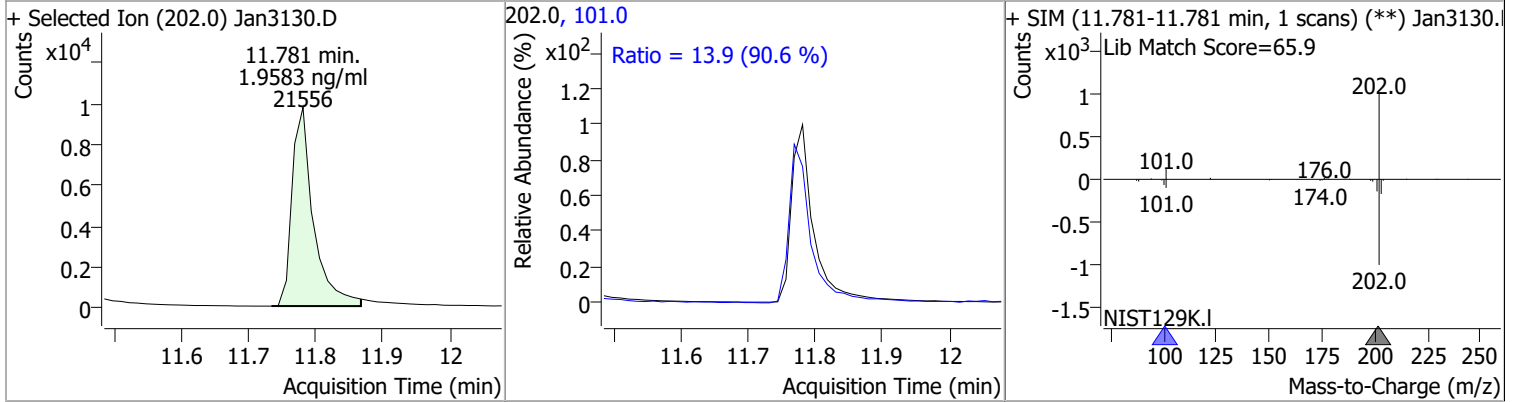
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	1.9179	8.66	0.00	11480	165.0 167.0	97.2 11.6	67.0 9.2	124.5 17.1
+ Selected Ion (166.0) Jan3130.D 			166.0, 165.0, 167.0 			+ SIM (8.661-8.661 min, 1 scans) (**) Jan3130.D Lib Match Score=85.7 		
Phenanthrene	2.0231	9.79	0.00	17230 (m)	176.0	13.3	13.2	24.6
+ Selected Ion (178.0) Jan3130.D 			178.0, 176.0 			+ SIM (9.792-9.792 min, 1 scans) (**) Jan3130.D Lib Match Score=43.3 		
Anthracene	1.6489	9.85	0.00	13633	176.0	21.6	12.8	23.8
+ Selected Ion (178.0) Jan3130.D 			178.0, 176.0 			+ SIM (9.854-9.854 min, 1 scans) (**) Jan3130.D Lib Match Score=48.5 		
o-Terphenyl	2.0546	10.29	-0.01	10155	229.0 215.0	68.5 45.3	47.1 31.1	87.5 57.7
+ Selected Ion (230.0) Jan3130.D 			230.0, 229.0, 215.0 			+ SIM (10.287-10.287 min, 1 scans) (**) Jan3130.D Lib Match Score=75.6 		

# Quantitation Results Report (QT Reviewed)

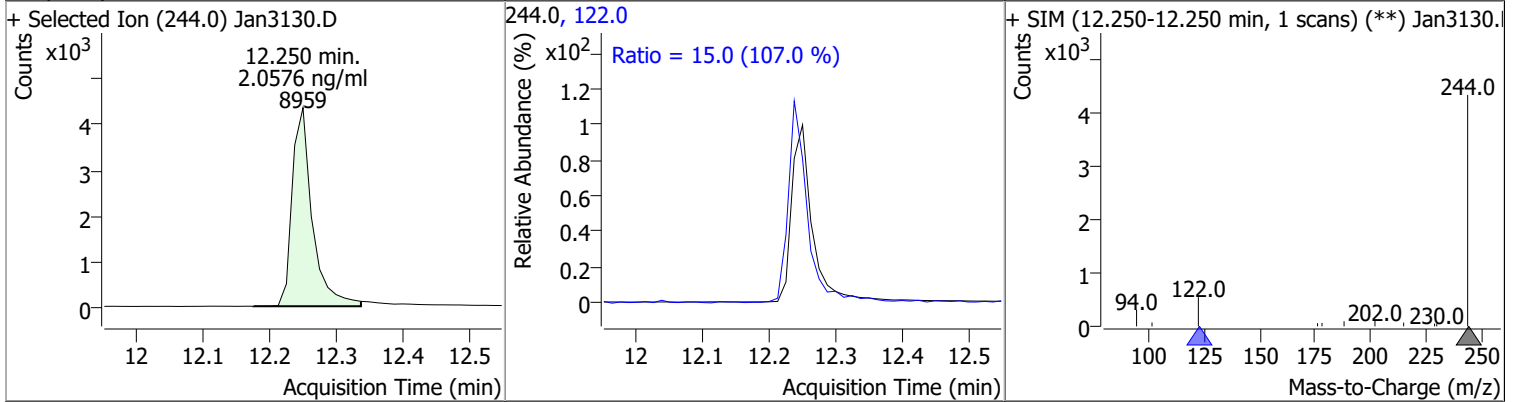
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	2.0438	11.40	-0.01	20433	101.0	11.2	8.8	16.3



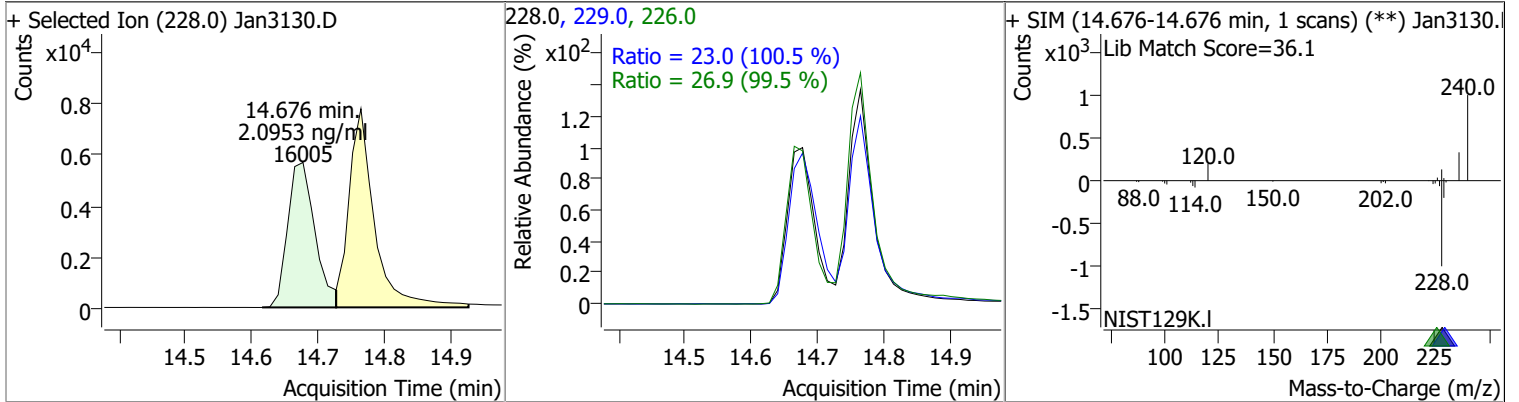
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	1.9583	11.78	0.00	21556	101.0	13.9	10.8	20.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	2.0576	12.25	0.00	8959	122.0	15.0	9.8	18.2

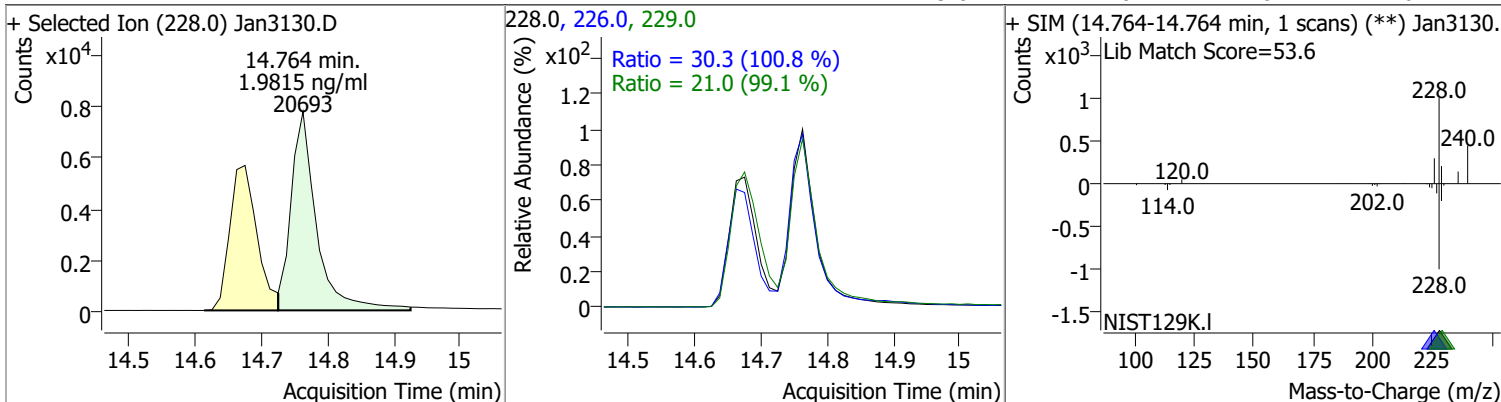


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	2.0953	14.68	0.00	16005	226.0	26.9	19.0	35.2
					229.0	23.0	16.0	29.7

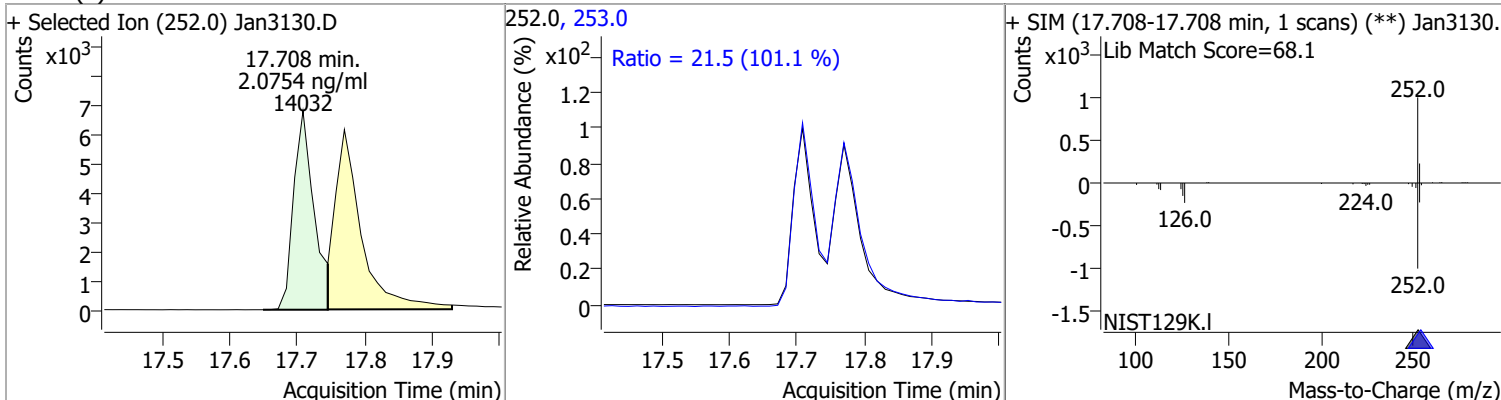


# Quantitation Results Report (QT Reviewed)

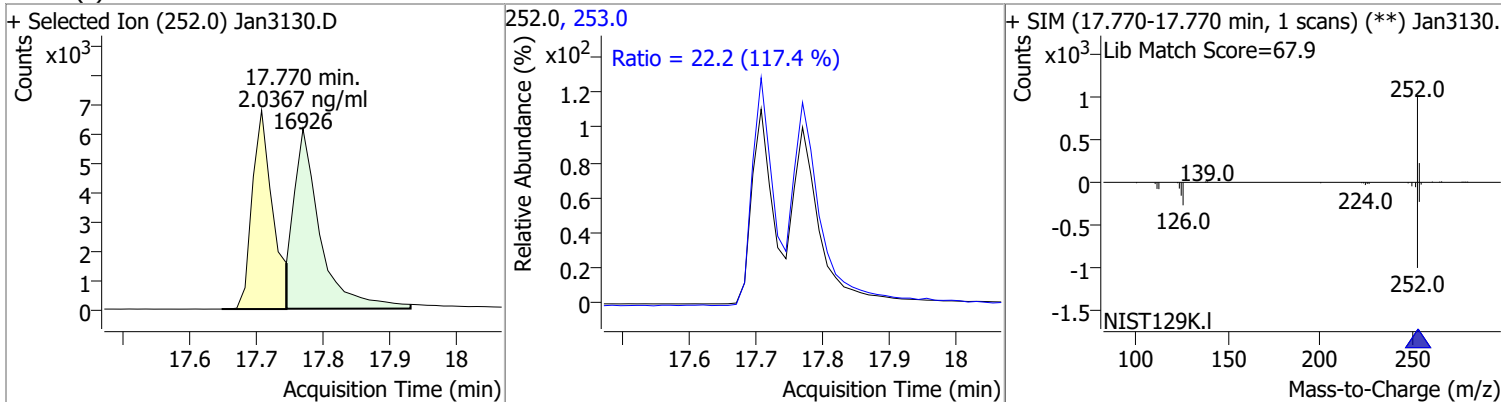
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	1.9815	14.76	0.00	20693	226.0	30.3	21.0	39.1
					229.0	21.0	14.8	27.6



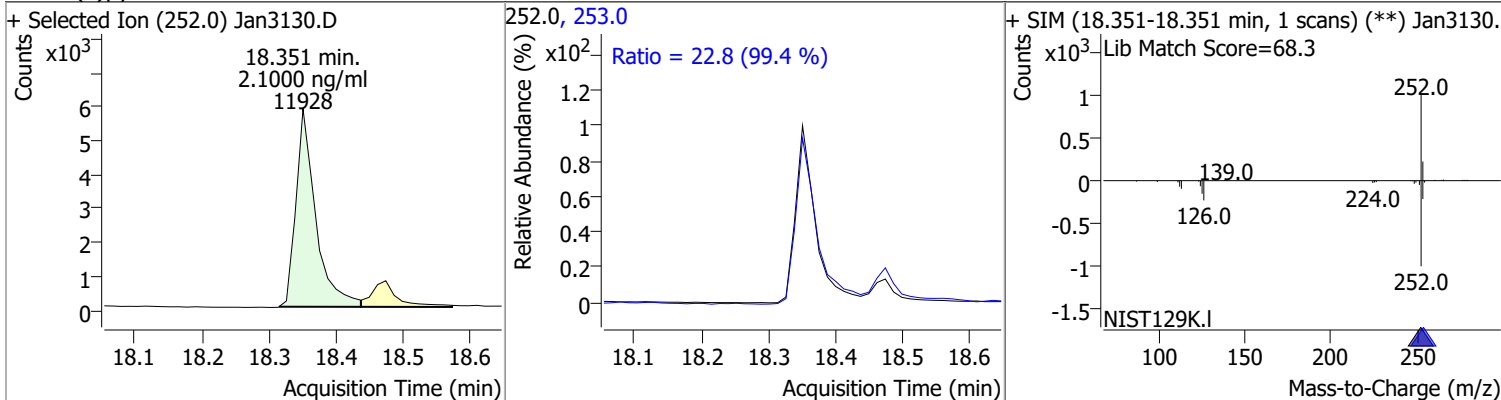
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	2.0754	17.71	0.00	14032	253.0	21.5	14.9	27.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	2.0367	17.77	0.00	16926	253.0	22.2	13.2	24.6

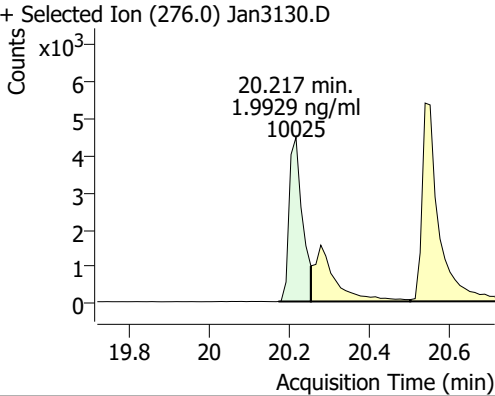
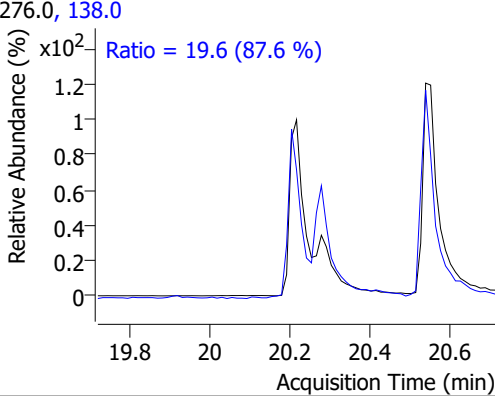
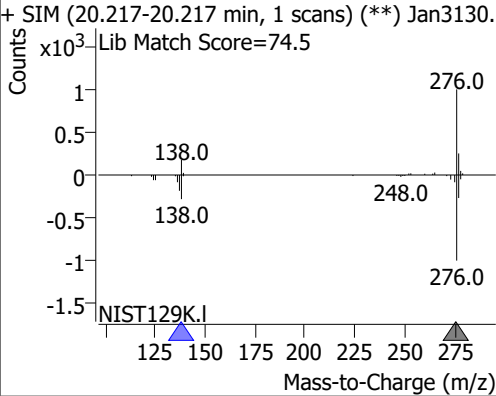
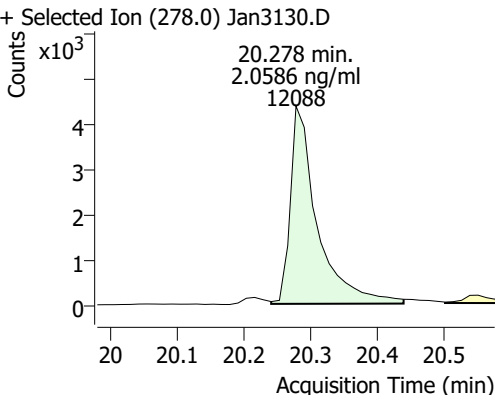
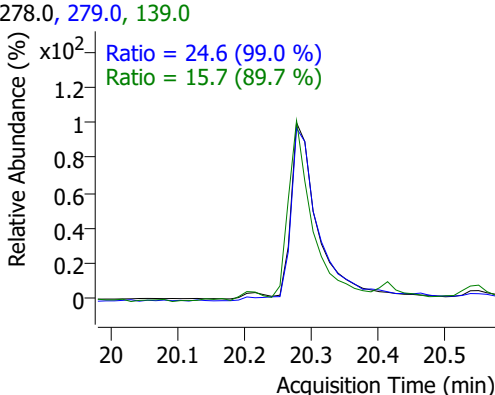
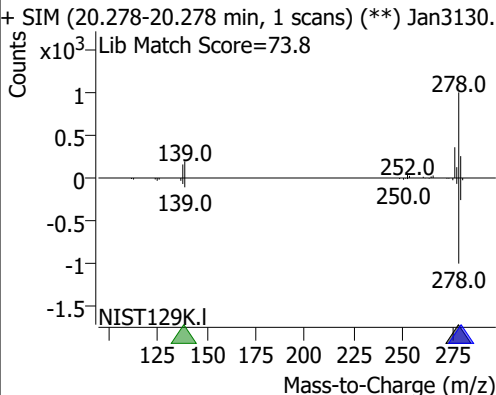
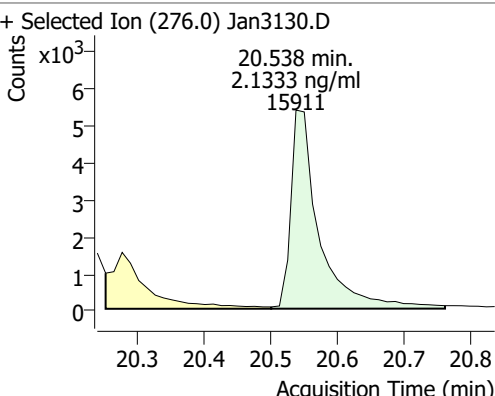
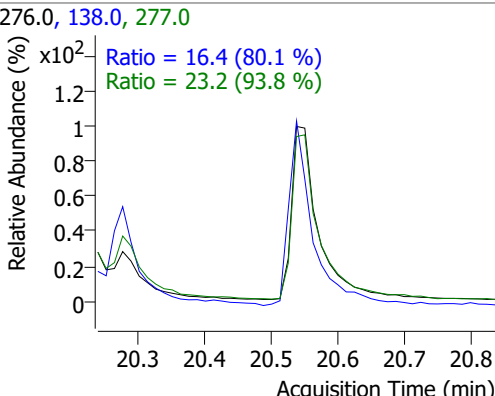
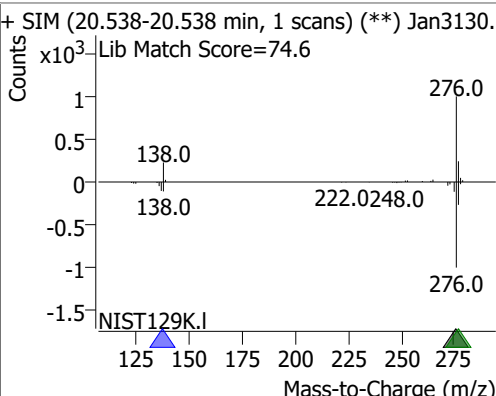


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	2.1000	18.35	0.00	11928	253.0	22.8	16.1	29.9





# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	1.9929	20.22	0.00	10025	138.0	19.6	15.7	29.1
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan3130.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0</p> <p>Ratio = 19.6 (87.6 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.217-20.217 min, 1 scans) (**) Jan3130.D</p> <p>Lib Match Score=74.5</p>  </div> </div>								
Dibenzo(a,h)anthracene	2.0586	20.28	0.00	12088	279.0	24.6	17.4	32.3
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (278.0) Jan3130.D</p>  </div> <div style="width: 30%;"> <p>278.0, 279.0, 139.0</p> <p>Ratio = 24.6 (99.0 %)</p> <p>Ratio = 15.7 (89.7 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.278-20.278 min, 1 scans) (**) Jan3130.D</p> <p>Lib Match Score=73.8</p>  </div> </div>								
Benzo(g,h,i)perylene	2.1333	20.54	0.00	15911	277.0	23.2	17.3	32.2
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>+ Selected Ion (276.0) Jan3130.D</p>  </div> <div style="width: 30%;"> <p>276.0, 138.0, 277.0</p> <p>Ratio = 16.4 (80.1 %)</p> <p>Ratio = 23.2 (93.8 %)</p>  </div> <div style="width: 30%;"> <p>+ SIM (20.538-20.538 min, 1 scans) (**) Jan3130.D</p> <p>Lib Match Score=74.6</p>  </div> </div>								

# Continuing Calibration Report

**Batch Name** \\MASSHUNTER\Org\Data\SV5975.I\sh013122\2 e8270c bna SIM\QuantResults\013122 bna SIM 2.batch.bin  
**Method File** \\MASSHUNTER\Org\Data\SV5975.I\sh012622\2 e8270c bna SIM\012622 bna SIM 2.batch.bin  
**Daily CC** \\MASSHUNTER\Org\Data\SV5975.I\sh013122\2 e8270c bna SIMJan3109.D

Level name	Injection Time	Calibration Files
7	1/26/2022 5:17:42 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D
6	1/26/2022 5:50:10 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D
5	1/26/2022 6:22:37 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D
4	1/26/2022 6:55:13 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D
3	1/26/2022 7:27:45 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D
2	1/26/2022 8:00:19 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D
1	1/26/2022 8:32:51 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D
CCV	1/31/2022 4:14:53 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh013122\2 e8270c bna SIM\Jan3109.D <=====

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
1,4-Dichlorobenzene-d4	114519	120793	136414	112.93	M
Naphthalene-d8	209828	216708	232004	107.06	M
Acenaphthene-d10	133227	141919	161354	113.69	M
Phenanthrene-d10	287711	305194	353094	115.70	M
Chrysene-d12	227937	240679	274884	114.21	M
Perylene-d12	146859	155689	197343	126.75	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
1,4-Dichlorobenzene-d4	-----ISTD-----						
Nitrobenzene-d5	0.9962	0.8770	2.00	1.97	1.40	125.86	Quadratic
Naphthalene-d8	-----ISTD-----						
Naphthalene	0.9987	1.1135	2.00	2.15	-7.74	111.44	Quadratic
2-Methylnaphthalene	0.9993	0.6722	2.00	2.15	-7.61	109.22	Quadratic
1-Methylnaphthalene	0.9991	0.7480	2.00	2.37	-18.44	122.58	Quadratic
Acenaphthene-d10	-----ISTD-----						
2-Fluorobiphenyl	0.9995	1.7184	2.00	2.18	-9.20	127.23	Quadratic
Acenaphthylene	0.9990	1.9159	2.00	2.12	-5.82	118.51	Quadratic
Acenaphthene	0.9970	1.1033	2.00	1.89	5.54	114.38	Quadratic
Fluorene	0.9995	1.5863	2.00	2.02	-0.94	117.56	Quadratic
Phenanthrene-d10	-----ISTD-----						
Phenanthrene	0.9996	1.0554	2.00	2.02	-1.18	116.84	Quadratic
Anthracene	0.9994	1.0702	2.00	2.15	-7.28	127.16	Quadratic
o-Terphenyl	0.9996	0.6050	2.00	2.00	0.11	113.98	Quadratic
Fluoranthene	0.9998	1.2117	2.00	1.98	1.09	115.29	Quadratic
Chrysene-d12	-----ISTD-----						
Pyrene	0.9992	1.7500	2.00	2.10	-4.84	120.17	Quadratic
Terphenyl-d14	0.9994	0.6883	2.00	2.08	-4.24	116.96	Quadratic
Benzo(a)Anthracene	0.9997	1.3220	2.00	2.29	-14.70	130.07	Quadratic
Chrysene	0.9997	1.5845	2.00	2.00	-0.06	113.75	Quadratic
Perylene-d12	-----ISTD-----						
Benzo(b)fluoranthene	0.9997	1.5077	2.00	1.96	1.84	127.54	Quadratic
Benzo(k)fluoranthene	0.9992	1.8703	2.00	1.98	1.15	122.97	Quadratic
Benzo(a)pyrene	0.9997	1.4292	2.00	2.21	-10.39	140.79	Quadratic
Indeno(1,2,3-cd)pyrene	0.9999	1.2872	2.00	2.24	-11.97	145.59	Quadratic
Dibenzo(a,h)anthracene	0.9998	1.4054	2.00	2.10	-5.15	134.38	Quadratic
Benzo(g,h,i)perylene	0.9999	1.6271	2.00	1.92	4.15	123.23	Quadratic

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

# Continuing Calibration Report

**Batch Name** \\MASSHUNTER\Org\Data\SV5975.I\sh013122\2 e8270c bna SIM\QuantResults\013122 bna SIM 2.batch.bin  
**Method File** \\MASSHUNTER\Org\Data\SV5975.I\sh012622\2 e8270c bna SIM\012622 bna SIM 2.batch.bin  
**Daily CC** \\MASSHUNTER\Org\Data\SV5975.I\sh013122\2 e8270c bna SIM\Jan3130.D

Level name	Injection Time	Calibration Files
7	1/26/2022 5:17:42 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2602.D
6	1/26/2022 5:50:10 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2603.D
5	1/26/2022 6:22:37 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2604.D
4	1/26/2022 6:55:13 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2605.D
3	1/26/2022 7:27:45 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2606.D
2	1/26/2022 8:00:19 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2607.D
1	1/26/2022 8:32:51 PM	\\MASSHUNTER\Org\Data\SV5975.I\sh012622\1 e8270c bna SIM cal\Jan2608.D
CCV	2/1/2022 3:38:00 AM	\\MASSHUNTER\Org\Data\SV5975.I\sh013122\2 e8270c bna SIM\Jan3130.D <=====

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
1,4-Dichlorobenzene-d4	114519	120793	136414	112.93	M
Naphthalene-d8	209828	216708	232004	107.06	M
Acenaphthene-d10	133227	141919	161354	113.69	M
Phenanthrene-d10	287711	305194	353094	115.70	M
Chrysene-d12	227937	240679	274884	114.21	M
Perylene-d12	146859	155689	197343	126.75	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
1,4-Dichlorobenzene-d4	-----ISTD-----						
Nitrobenzene-d5	0.9962	0.8770	2.00	1.97	1.40	125.86	Quadratic
Naphthalene-d8	-----ISTD-----						
Naphthalene	0.9987	1.1135	2.00	2.15	-7.74	111.44	Quadratic
2-Methylnaphthalene	0.9993	0.6722	2.00	2.15	-7.61	109.22	Quadratic
1-Methylnaphthalene	0.9991	0.7480	2.00	2.37	-18.44	122.58	Quadratic
Acenaphthene-d10	-----ISTD-----						
2-Fluorobiphenyl	0.9995	1.7184	2.00	2.18	-9.20	127.23	Quadratic
Acenaphthylene	0.9990	1.9159	2.00	2.12	-5.82	118.51	Quadratic
Acenaphthene	0.9970	1.1033	2.00	1.89	5.54	114.38	Quadratic
Fluorene	0.9995	1.5863	2.00	2.02	-0.94	117.56	Quadratic
Phenanthrene-d10	-----ISTD-----						
Phenanthrene	0.9996	1.0554	2.00	2.02	-1.18	116.84	Quadratic
Anthracene	0.9994	1.0702	2.00	2.15	-7.28	127.16	Quadratic
o-Terphenyl	0.9996	0.6050	2.00	2.00	0.11	113.98	Quadratic
Fluoranthene	0.9998	1.2117	2.00	1.98	1.09	115.29	Quadratic
Chrysene-d12	-----ISTD-----						
Pyrene	0.9992	1.7500	2.00	2.10	-4.84	120.17	Quadratic
Terphenyl-d14	0.9994	0.6883	2.00	2.08	-4.24	116.96	Quadratic
Benzo(a)Anthracene	0.9997	1.3220	2.00	2.29	-14.70	130.07	Quadratic
Chrysene	0.9997	1.5845	2.00	2.00	-0.06	113.75	Quadratic
Perylene-d12	-----ISTD-----						
Benzo(b)fluoranthene	0.9997	1.5077	2.00	1.96	1.84	127.54	Quadratic
Benzo(k)fluoranthene	0.9992	1.8703	2.00	1.98	1.15	122.97	Quadratic
Benzo(a)pyrene	0.9997	1.4292	2.00	2.21	-10.39	140.79	Quadratic
Indeno(1,2,3-cd)pyrene	0.9999	1.2872	2.00	2.24	-11.97	145.59	Quadratic
Dibenzo(a,h)anthracene	0.9998	1.4054	2.00	2.10	-5.15	134.38	Quadratic
Benzo(g,h,i)perylene	0.9999	1.6271	2.00	1.92	4.15	123.23	Quadratic

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

# Audit Trail report

**Batch name and path:** \\MASSHUNTER\Org\Data\SV5975.I\sh013122\2 e8270c bna SIM\QuantResults\013122 bna SIM 2.batch.bin  
**Quant batch version:** 10.0  
**Quant reporting version:** 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\jheine	1/31/2022 4:14:13 PM	Create new batch \\MASSHUNTER\Org\Data\SV5975.I\sh013122\2 e8270c bna SIM\013122 bna SIM 2.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\jheine	1/31/2022 4:17:41 PM	Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh013122\2 e8270c bna SIM\Jan3108.D			✓	
CmdSetSampleAttribute	BL2000\jheine	1/31/2022 4:17:46 PM	Set SampleType = TuneCheck for sample Jan3108.D; previous value = Sample			✓	
CmdSaveBatchTable	BL2000\jheine	1/31/2022 4:18:23 PM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh013122\2 e8270c bna SIM\QuantResults\013122 bna SIM 2.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\jheine	1/31/2022 4:39:06 PM	Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh013122\2 e8270c bna SIM\Jan3109.D			✓	
CmdSetSampleAttribute	BL2000\jheine	1/31/2022 4:39:11 PM	Set SampleType = CC for sample Jan3109.D; previous value = Sample			✓	
CmdStartMethodEditing	BL2000\jheine	1/31/2022 4:39:33 PM	Start method editing			✓	
CmdImportMethodFromBatch	BL2000\jheine	1/31/2022 4:39:33 PM	Import method from batch \\MASSHUNTER\Org\Data\SV5975.I\sh012622\2 e8270c bna SIM\012622 bna SIM 2.batch.bin			✓	
CmdApplyMethodToAllSamples	BL2000\jheine	1/31/2022 4:39:38 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\jheine	1/31/2022 4:39:38 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\jheine	1/31/2022 4:39:38 PM	End method editing			✓	
CmdSetSampleAttribute	BL2000\jheine	1/31/2022 4:39:45 PM	Set LevelName = CCV for sample Jan3109.D; previous value =			✓	
CmdQuantitate	BL2000\jheine	1/31/2022 4:39:47 PM	Quantitate all compounds in sample Jan3109.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	1/31/2022 4:40:05 PM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan3109.D, from x, y = 5.916, 544 to 5.991, 81, result = 2412; previous integration is from x, y = 5.846, 81 to 5.991, 81 and previous response = 5865.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	1/31/2022 4:40:07 PM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan3109.D to y = 81, new integration is from x, y = 5.916, 81 to 5.991, 81 and new response = 3453; previous integration is from x, y = 5.916, 544 to 5.991, 81 and previous response = 2412.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/31/2022 4:40:21 PM	Split peak for compound Phenanthrene in sample Jan3109.D and keep left peak, new integration is from x, y = 9.744, 73.4905349794239 to 9.830, 73.4905349794239 and new response = 18633, previous integration is from x, y = 9.744, 73 to 9.941, 73 and previous response = 37506.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/31/2022 4:40:23 PM	Set UserAnnotation = CO for compound Phenanthrene in sample Jan3109.D; previous value =			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/31/2022 4:40:25 PM	Split qualifier 176.0 of compound Phenanthrene in sample Jan3109.D and keep left peak, new integration is from x, y = 9.750, 61.5443310657596 to 9.830, 61.5443310657596 and new response = 3463, previous integration is from x, y = 9.750, 62 to 9.929, 62 and previous response = 6947.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/31/2022 4:40:29 PM	Split peak for compound Anthracene in sample Jan3109.D and keep right peak, new integration is from x, y = 9.830, 73.4905349794239 to 9.941, 73.4905349794239 and new response = 18894, previous integration is from x, y = 9.744, 73 to 9.941, 73 and previous response = 37506.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	1/31/2022 4:40:31 PM	Set UserAnnotation = CO for compound Anthracene in sample Jan3109.D; previous value =			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	1/31/2022 4:40:33 PM	Split qualifier 176.0 of compound Anthracene in sample Jan3109.D and keep right peak, new integration is from x, y = 9.830, 61.5443310657596 to 9.929, 61.5443310657596 and new response = 3483, previous integration is from x, y = 9.750, 62 to 9.929, 62 and previous response = 6947.			✓	
CmdSaveBatchTable	BL2000\jheine	1/31/2022 4:40:56 PM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh013122\2 e8270c bna SIM\QuantResults\013122 bna SIM 2.batch.bin			✓	
CmdOpenBatchTable	BL2000\jheine	2/1/2022 9:23:31 AM	Open batch \\MASSHUNTER\Org\Data\SV5975.I\sh013122\2 e8270c bna SIM\013122 bna SIM 2.batch.bin			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\jheine	2/1/2022 9:25:20 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3130.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3129.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3128.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3127.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3126.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3125.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3124.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3123.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3122.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3121.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3120.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3119.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3118.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3117.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3116.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3115.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3114.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3113.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3112.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3111.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\Jan3110.D			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:25:26 AM	Set SampleType = Matrix for sample Jan3111.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:25:30 AM	Set SampleType = MatrixDup for sample Jan3112.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:25:33 AM	Set SampleType = Blank for sample Jan3114.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:25:36 AM	Set SampleType = Matrix for sample Jan3115.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:25:40 AM	Set SampleType = MatrixDup for sample Jan3116.D; previous value = Sample			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:25:44 AM	Set SampleType = Matrix for sample Jan3123.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:25:51 AM	Set SampleType = Matrix for sample Jan3126.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:25:55 AM	Set SampleType = CC for sample Jan3130.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:25:59 AM	Set LevelName = CCV for sample Jan3130.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:26:03 AM	Set MatrixSpikeGroup = B22011446-017C for sample Jan3125.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:26:05 AM	Set MatrixSpikeGroup = B22011446-017C for sample Jan3126.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:26:10 AM	Set MatrixSpikeGroup = B22011446-011C for sample Jan3122.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:26:11 AM	Set MatrixSpikeGroup = B22011446-011C for sample Jan3123.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:26:16 AM	Set MatrixSpikeGroup = MB-163174 for sample Jan3114.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:26:17 AM	Set MatrixSpikeGroup = MB-163174 for sample Jan3115.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:26:18 AM	Set MatrixSpikeGroup = MB-163174 for sample Jan3116.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:26:23 AM	Set SampleInformation = MatrixA for sample Jan3115.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:26:25 AM	Set SampleInformation = MatrixA for sample Jan3116.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:26:32 AM	Set SampleInformation = MatrixA for sample Jan3123.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:26:33 AM	Set SampleInformation = MatrixA for sample Jan3126.D; previous value =			✓	
CmdQuantitate	BL2000\jheine	2/1/2022 9:26:46 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:27:12 AM	Manually integrate compound Acenaphthene in sample Jan3110.D, from x, y = 8.013, 85 to 8.125, 57, result = 207; previous integration is from x, y = 7.956, 57 to 8.125, 57 and previous response = 990.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:27:15 AM	Drop baseline for compound Acenaphthene in sample Jan3110.D to y = 57, new integration is from x, y = 8.013, 57 to 8.125, 57 and new response = 302; previous integration is from x, y = 8.013, 85 to 8.125, 57 and previous response = 207.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:27:19 AM	Zero out primary peak of compound Acenaphthene in sample Jan3110.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:27:26 AM	Manually integrate compound Anthracene in sample Jan3110.D, from x, y = 9.830, 106 to 9.904, 68, result = 329; previous integration is from x, y = 9.743, 64 to 9.941, 64 and previous response = 1086.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:27:27 AM	Drop baseline for compound Anthracene in sample Jan3110.D to y = 68, new integration is from x, y = 9.830, 68 to 9.904, 68 and new response = 413; previous integration is from x, y = 9.830, 106 to 9.904, 68 and previous response = 329.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:27:30 AM	Zero out primary peak of compound Anthracene in sample Jan3110.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:27:35 AM	Manually integrate compound Phenanthrene in sample Jan3110.D, from x, y = 9.743, 64 to 9.830, 162, result = 384; previous integration is from x, y = 9.743, 64 to 9.941, 64 and previous response = 1086.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:27:37 AM	Drop baseline for compound Phenanthrene in sample Jan3110.D to y = 64, new integration is from x, y = 9.743, 64 to 9.830, 64 and new response = 638; previous integration is from x, y = 9.743, 64 to 9.830, 162 and previous response = 384.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:27:41 AM	Manually integrate compound Phenanthrene in sample Jan3110.D, from x, y = 9.780, 100 to 9.830, 64, result = 385; previous integration is from x, y = 9.743, 64 to 9.830, 64 and previous response = 638.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:27:42 AM	Drop baseline for compound Phenanthrene in sample Jan3110.D to y = 64, new integration is from x, y = 9.780, 64 to 9.830, 64 and new response = 438; previous integration is from x, y = 9.780, 100 to 9.830, 64 and previous response = 385.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:27:44 AM	Zero out primary peak of compound Phenanthrene in sample Jan3110.D			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:27:50 AM	Manually integrate compound Indeno(1,2,3-cd)pyrene in sample Jan3110.D, from x, y = 20.180, 57 to 20.266, 81, result = 203; previous integration is from x, y = 20.180, 57 to 20.388, 59 and previous response = 422.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:27:51 AM	Drop baseline for compound Indeno(1,2,3-cd)pyrene in sample Jan3110.D to y = 57, new integration is from x, y = 20.180, 57 to 20.266, 57 and new response = 263; previous integration is from x, y = 20.180, 57 to 20.266, 81 and previous response = 203.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:27:53 AM	Zero out primary peak of compound Indeno(1,2,3-cd)pyrene in sample Jan3110.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:27:59 AM	Manually integrate compound Benzo(b)fluoranthene in sample Jan3110.D, from x, y = 17.671, 53 to 17.758, 75, result = 285; previous integration is from x, y = 17.758, 59 to 17.931, 61 and previous response = 456.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:28:01 AM	Drop baseline for compound Benzo(b)fluoranthene in sample Jan3110.D to y = 53, new integration is from x, y = 17.671, 53 to 17.758, 53 and new response = 343; previous integration is from x, y = 17.671, 53 to 17.758, 75 and previous response = 285.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:28:03 AM	Zero out primary peak of compound Benzo(b)fluoranthene in sample Jan3110.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:28:06 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan3110.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:28:07 AM	Zero out primary peak of compound Dibenzo(a,h)anthracene in sample Jan3110.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:28:09 AM	Zero out primary peak of compound Benzo(g,h,i)perylene in sample Jan3110.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:28:10 AM	Zero out primary peak of compound Chrysene in sample Jan3110.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:28:11 AM	Zero out primary peak of compound Terphenyl-d14 in sample Jan3110.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:28:12 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan3110.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:28:13 AM	Zero out primary peak of compound Benzo(k)fluoranthene in sample Jan3110.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	2/1/2022 9:28:28 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan3111.D, from x, y = 5.916, 693 to 6.016, 97, result = 3550; previous integration is from x, y = 5.883, 88 to 6.016, 97 and previous response = 7765.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:28:30 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan3111.D to y = 97, new integration is from x, y = 5.916, 97 to 6.016, 97 and new response = 5336; previous integration is from x, y = 5.916, 693 to 6.016, 97 and previous response = 3550.			✓	
CmdManuallyIntegrateSplit	BL2000\jheine	2/1/2022 9:28:50 AM	Split qualifier 176.0 of compound Phenanthrene in sample Jan3111.D and keep left peak, new integration is from x, y = 9.739, 57.9491666666667 to 9.830, 57.9491666666667 and new response = 8955, previous integration is from x, y = 9.739, 58 to 9.879, 58 and previous response = 16640.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	2/1/2022 9:28:57 AM	Manually integrate qualifier 176.0 of compound Anthracene in sample Jan3111.D from x, y = 9.830, 563 to 9.916, 786; result = 5119			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:28:58 AM	Snap baseline for qualifier 176.0 of compound Anthracene in sample Jan3111.D from x = 9.830 to x = 9.916, new integration is from x, y = 9.830, 269 to 9.916, 210 and new response = 7376; previous integration is from x, y = 9.830, 563 to 9.916, 786 and previous response = 5119.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:28:59 AM	Drop baseline for qualifier 176.0 of compound Anthracene in sample Jan3111.D to y = 210, new integration is from x, y = 9.830, 210 to 9.916, 210 and new response = 7529; previous integration is from x, y = 9.830, 269 to 9.916, 210 and previous response = 7376.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	2/1/2022 9:29:48 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan3112.D, from x, y = 5.916, 606 to 6.016, 80, result = 3600; previous integration is from x, y = 5.842, 80 to 6.016, 80 and previous response = 7561.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:29:49 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan3112.D to y = 80, new integration is from x, y = 5.916, 80 to 6.016, 80 and new response = 5175; previous integration is from x, y = 5.916, 606 to 6.016, 80 and previous response = 3600.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:30:04 AM	Manually integrate compound Acenaphthene in sample Jan3112.D, from x, y = 8.000, 1520 to 8.088, 3573, result = 7440; previous integration is from x, y = 7.976, 78 to 8.113, 84 and previous response = 20826.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:30:06 AM	Snap baseline for compound Acenaphthene in sample Jan3112.D, from x = 8.000 to x = 8.088, new integration is from x, y = 8.000, 375 to 8.088, 229 and new response = 19189; previous integration is from x, y = 8.000, 1520 to 8.088, 3573 and previous response = 7440.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:30:07 AM	Drop baseline for compound Acenaphthene in sample Jan3112.D to y = 229, new integration is from x, y = 8.000, 229 to 8.088, 229 and new response = 19571; previous integration is from x, y = 8.000, 375 to 8.088, 229 and previous response = 19189.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:30:42 AM	Manually integrate compound Chrysene-d12 in sample Jan3112.D, from x, y = 14.639, 59 to 15.224, 3464, result = 218522; previous integration is from x, y = 14.639, 59 to 14.863, 60 and previous response = 271691.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:30:44 AM	Drop baseline for compound Chrysene-d12 in sample Jan3112.D to y = 59, new integration is from x, y = 14.639, 59 to 15.224, 59 and new response = 278254; previous integration is from x, y = 14.639, 59 to 15.224, 3464 and previous response = 218522.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	2/1/2022 9:30:54 AM	Set UserAnnotation = LT for compound Chrysene-d12 in sample Jan3112.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:31:04 AM	Manually integrate compound Acenaphthene-d10 in sample Jan3112.D, from x, y = 7.963, 891 to 8.362, 1845, result = 126467; previous integration is from x, y = 7.963, 78 to 8.088, 77 and previous response = 155344.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:31:05 AM	Snap baseline for compound Acenaphthene-d10 in sample Jan3112.D, from x = 7.963 to x = 8.362, new integration is from x, y = 7.963, 75 to 8.362, 98 and new response = 157133; previous integration is from x, y = 7.963, 891 to 8.362, 1845 and previous response = 126467.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:31:06 AM	Drop baseline for compound Acenaphthene-d10 in sample Jan3112.D to y = 75, new integration is from x, y = 7.963, 75 to 8.362, 75 and new response = 157408; previous integration is from x, y = 7.963, 75 to 8.362, 98 and previous response = 157133.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	2/1/2022 9:31:10 AM	Set UserAnnotation = LT for compound Acenaphthene-d10 in sample Jan3112.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	2/1/2022 9:32:01 AM	Manually integrate qualifier 115.0 of compound 1-Methylnaphthalene in sample Jan3113.D, from x, y = 6.852, 251 to 6.915, 2860, result = 4737; previous integration is from x, y = 6.852, 251 to 6.965, 259 and previous response = 11126.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:32:02 AM	Drop baseline for qualifier 115.0 of compound 1-Methylnaphthalene in sample Jan3113.D to y = 251, new integration is from x, y = 6.852, 251 to 6.915, 251 and new response = 9626; previous integration is from x, y = 6.852, 251 to 6.915, 2860 and previous response = 4737.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:32:10 AM	Manually integrate compound Naphthalene in sample Jan3113.D, from x, y = 5.916, 1639 to 5.978, 2900, result = 7070; previous integration is from x, y = 5.891, 106 to 6.085, 201 and previous response = 16503.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:32:12 AM	Snap baseline for compound Naphthalene in sample Jan3113.D, from x = 5.916 to x = 5.978, new integration is from x, y = 5.916, 190 to 5.978, 519 and new response = 14244; previous integration is from x, y = 5.916, 1639 to 5.978, 2900 and previous response = 7070.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:32:13 AM	Drop baseline for compound Naphthalene in sample Jan3113.D to y = 190, new integration is from x, y = 5.916, 190 to 5.978, 190 and new response = 14860; previous integration is from x, y = 5.916, 190 to 5.978, 519 and previous response = 14244.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	2/1/2022 9:32:17 AM	Manually integrate qualifier 129.0 of compound Naphthalene in sample Jan3113.D, from x, y = 5.916, 71 to 5.953, 146, result = 2000; previous integration is from x, y = 5.896, 149 to 6.016, 149 and previous response = 2850.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:32:18 AM	Drop baseline for qualifier 129.0 of compound Naphthalene in sample Jan3113.D to y = 71, new integration is from x, y = 5.916, 71 to 5.953, 71 and new response = 2084; previous integration is from x, y = 5.916, 71 to 5.953, 146 and previous response = 2000.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	2/1/2022 9:32:22 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan3113.D, from x, y = 5.916, 2151 to 5.978, 994, result = -1174; previous integration is from x, y = 5.891, 118 to 6.016, 118 and previous response = 5994.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:32:24 AM	Snap baseline for qualifier 102.0 of compound Naphthalene in sample Jan3113.D from x = 5.916 to x = 5.978, new integration is from x, y = 5.916, 1758 to 5.978, 217 and new response = 1016; previous integration is from x, y = 5.916, 2151 to 5.978, 994 and previous response = -1174.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:32:25 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan3113.D to y = 217, new integration is from x, y = 5.916, 217 to 5.978, 217 and new response = 3903; previous integration is from x, y = 5.916, 1758 to 5.978, 217 and previous response = 1016.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:32:38 AM	Manually integrate compound Benzo(a)pyrene in sample Jan3113.D, from x, y = 18.326, 59 to 18.425, 76, result = 226; previous integration is from x, y = 18.437, 71 to 18.623, 71 and previous response = 1108.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:32:39 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan3113.D to y = 59, new integration is from x, y = 18.326, 59 to 18.425, 59 and new response = 277; previous integration is from x, y = 18.326, 59 to 18.425, 76 and previous response = 226.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:32:41 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan3113.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:32:56 AM	Manually integrate compound Acenaphthene in sample Jan3113.D, from x, y = 8.013, 89 to 8.072, 79, result = 271; previous integration is from x, y = 7.976, 79 to 8.072, 79 and previous response = 748.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:32:58 AM	Drop baseline for compound Acenaphthene in sample Jan3113.D to y = 79, new integration is from x, y = 8.013, 79 to 8.072, 79 and new response = 288; previous integration is from x, y = 8.013, 89 to 8.072, 79 and previous response = 271.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:32:59 AM	Zero out primary peak of compound Acenaphthene in sample Jan3113.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:33:04 AM	Manually integrate compound Fluorene in sample Jan3113.D, from x, y = 8.624, 76 to 8.711, 85, result = 265; previous integration is from x, y = 8.936, 80 to 9.035, 80 and previous response = 596.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:33:06 AM	Drop baseline for compound Fluorene in sample Jan3113.D to y = 76, new integration is from x, y = 8.624, 76 to 8.711, 76 and new response = 288; previous integration is from x, y = 8.624, 76 to 8.711, 85 and previous response = 265.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:33:07 AM	Zero out primary peak of compound Fluorene in sample Jan3113.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:33:12 AM	Manually integrate compound Benzo(b)fluoranthene in sample Jan3113.D, from x, y = 17.671, 59 to 17.758, 64, result = 241; previous integration is from x, y = 17.758, 62 to 17.956, 64 and previous response = 418.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:33:14 AM	Drop baseline for compound Benzo(b)fluoranthene in sample Jan3113.D to y = 59, new integration is from x, y = 17.671, 59 to 17.758, 59 and new response = 255; previous integration is from x, y = 17.671, 59 to 17.758, 64 and previous response = 241.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:33:15 AM	Zero out primary peak of compound Benzo(b)fluoranthene in sample Jan3113.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:33:17 AM	Zero out primary peak of compound Indeno(1,2,3-cd)pyrene in sample Jan3113.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:33:18 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan3113.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:33:19 AM	Zero out primary peak of compound Chrysene in sample Jan3113.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:33:20 AM	Zero out primary peak of compound Benzo(k)fluoranthene in sample Jan3113.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:33:35 AM	Manually integrate compound Fluorene in sample Jan3114.D, from x, y = 8.636, 59 to 8.698, 63, result = 66; previous integration is from x, y = 8.935, 61 to 9.047, 61 and previous response = 6677.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:33:37 AM	Drop baseline for compound Fluorene in sample Jan3114.D to y = 59, new integration is from x, y = 8.636, 59 to 8.698, 59 and new response = 73; previous integration is from x, y = 8.636, 59 to 8.698, 63 and previous response = 66.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:33:39 AM	Zero out primary peak of compound Fluorene in sample Jan3114.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:33:44 AM	Manually integrate compound Benzo(a)pyrene in sample Jan3114.D, from x, y = 18.339, 59 to 18.400, 74, result = 99; previous integration is from x, y = 18.439, 69 to 18.598, 71 and previous response = 1014.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:33:46 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan3114.D to y = 59, new integration is from x, y = 18.339, 59 to 18.400, 59 and new response = 126; previous integration is from x, y = 18.339, 59 to 18.400, 74 and previous response = 99.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:33:47 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan3114.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:33:53 AM	Manually integrate compound Acenaphthene in sample Jan3114.D, from x, y = 8.025, 141 to 8.075, 145, result = -173; previous integration is from x, y = 7.964, 62 to 8.138, 62 and previous response = 815.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:33:56 AM	Manually integrate compound Acenaphthene in sample Jan3114.D, from x, y = 8.013, 193 to 8.075, 145, result = -294; previous integration is from x, y = 8.025, 141 to 8.075, 145 and previous response = -173.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:33:58 AM	Snap baseline for compound Acenaphthene in sample Jan3114.D, from x = 8.013 to x = 8.075, new integration is from x, y = 8.013, 105 to 8.075, 66 and new response = 18; previous integration is from x, y = 8.013, 193 to 8.075, 145 and previous response = -294.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:33:59 AM	Drop baseline for compound Acenaphthene in sample Jan3114.D to y = 66, new integration is from x, y = 8.013, 66 to 8.075, 66 and new response = 91; previous integration is from x, y = 8.013, 105 to 8.075, 66 and previous response = 18.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:34:01 AM	Zero out primary peak of compound Acenaphthene in sample Jan3114.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:34:06 AM	Manually integrate compound Chrysene in sample Jan3114.D, from x, y = 14.739, 153 to 14.851, 200, result = -427; previous integration is from x, y = 14.632, 54 to 14.739, 57 and previous response = 1241.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:34:07 AM	Snap baseline for compound Chrysene in sample Jan3114.D, from x = 14.739 to x = 14.851, new integration is from x, y = 14.739, 115 to 14.851, 67 and new response = 150; previous integration is from x, y = 14.739, 153 to 14.851, 200 and previous response = -427.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:34:08 AM	Drop baseline for compound Chrysene in sample Jan3114.D to y = 67, new integration is from x, y = 14.739, 67 to 14.851, 67 and new response = 311; previous integration is from x, y = 14.739, 115 to 14.851, 67 and previous response = 150.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:34:10 AM	Zero out primary peak of compound Chrysene in sample Jan3114.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:34:12 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan3114.D			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	2/1/2022 9:34:32 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan3115.D, from x, y = 5.916, 926 to 6.016, 76, result = 2646; previous integration is from x, y = 5.843, 76 to 6.016, 76 and previous response = 7374.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:34:33 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan3115.D to y = 76, new integration is from x, y = 5.916, 76 to 6.016, 76 and new response = 5196; previous integration is from x, y = 5.916, 926 to 6.016, 76 and previous response = 2646.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	2/1/2022 9:35:24 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan3116.D, from x, y = 5.916, 748 to 6.016, 77, result = 3245; previous integration is from x, y = 5.844, 77 to 6.016, 77 and previous response = 7541.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:35:25 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan3116.D to y = 77, new integration is from x, y = 5.916, 77 to 6.016, 77 and new response = 5257; previous integration is from x, y = 5.916, 748 to 6.016, 77 and previous response = 3245.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:35:43 AM	Manually integrate compound Acenaphthene in sample Jan3116.D, from x, y = 8.013, 2642 to 8.113, 1552, result = 7049; previous integration is from x, y = 7.976, 79 to 8.113, 89 and previous response = 19664.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:35:44 AM	Snap baseline for compound Acenaphthene in sample Jan3116.D, from x = 8.013 to x = 8.113, new integration is from x, y = 8.013, 370 to 8.113, 151 and new response = 18033; previous integration is from x, y = 8.013, 2642 to 8.113, 1552 and previous response = 7049.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:35:45 AM	Drop baseline for compound Acenaphthene in sample Jan3116.D to y = 151, new integration is from x, y = 8.013, 151 to 8.113, 151 and new response = 18688; previous integration is from x, y = 8.013, 370 to 8.113, 151 and previous response = 18033.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	2/1/2022 9:35:52 AM	Manually integrate qualifier 167.0 of compound Fluorene in sample Jan3116.D from x, y = 8.624, 66 to 8.736, 801; result = 1185			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:35:54 AM	Drop baseline for qualifier 167.0 of compound Fluorene in sample Jan3116.D to y = 66, new integration is from x, y = 8.624, 66 to 8.736, 66 and new response = 3657; previous integration is from x, y = 8.624, 66 to 8.736, 801 and previous response = 1185.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:36:28 AM	Manually integrate compound Benzo(g,h,i)perylene in sample Jan3116.D, from x, y = 20.501, 949 to 20.686, 3824, result = 17943; previous integration is from x, y = 20.517, 1949 to 20.597, 1817 and previous response = 29187.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:36:29 AM	Snap baseline for compound Benzo(g,h,i)perylene in sample Jan3116.D, from x = 20.501 to x = 20.686, new integration is from x, y = 20.501, 172 to 20.686, 422 and new response = 41180; previous integration is from x, y = 20.501, 949 to 20.686, 3824 and previous response = 17943.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:36:30 AM	Drop baseline for compound Benzo(g,h,i)perylene in sample Jan3116.D to y = 172, new integration is from x, y = 20.501, 172 to 20.686, 172 and new response = 42570; previous integration is from x, y = 20.501, 172 to 20.686, 422 and previous response = 41180.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:36:41 AM	Zero out primary peak of compound Fluorene in sample Jan3117.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:36:49 AM	Manually integrate compound Benzo(a)pyrene in sample Jan3117.D, from x, y = 18.339, 62 to 18.400, 71, result = 63; previous integration is from x, y = 18.438, 67 to 18.623, 69 and previous response = 1094.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:36:50 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan3117.D to y = 62, new integration is from x, y = 18.339, 62 to 18.400, 62 and new response = 80; previous integration is from x, y = 18.339, 62 to 18.400, 71 and previous response = 63.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:36:53 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan3117.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:36:56 AM	Zero out primary peak of compound o-Terphenyl in sample Jan3117.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdClearManualIntegration	BL2000\jheine	2/1/2022 9:36:59 AM	Clear manual integration of target signal for compound o-Terphenyl in sample Jan3117.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:37:07 AM	Manually integrate compound Acenaphthene in sample Jan3117.D, from x, y = 8.013, 165 to 8.050, 130, result = -100; previous integration is from x, y = 7.966, 64 to 8.125, 64 and previous response = 841.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:37:09 AM	Snap baseline for compound Acenaphthene in sample Jan3117.D, from x = 8.013 to x = 8.050, new integration is from x, y = 8.013, 108 to 8.050, 72 and new response = 29; previous integration is from x, y = 8.013, 165 to 8.050, 130 and previous response = -100.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:37:09 AM	Drop baseline for compound Acenaphthene in sample Jan3117.D to y = 72, new integration is from x, y = 8.013, 72 to 8.050, 72 and new response = 70; previous integration is from x, y = 8.013, 108 to 8.050, 72 and previous response = 29.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:37:11 AM	Zero out primary peak of compound Acenaphthene in sample Jan3117.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:37:17 AM	Manually integrate compound Chrysene in sample Jan3117.D, from x, y = 14.739, 83 to 14.814, 54, result = 144; previous integration is from x, y = 14.632, 54 to 14.814, 54 and previous response = 1482.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:37:19 AM	Snap baseline for compound Chrysene in sample Jan3117.D, from x = 14.739 to x = 14.814, new integration is from x, y = 14.739, 109 to 14.814, 71 and new response = 49; previous integration is from x, y = 14.739, 83 to 14.814, 54 and previous response = 144.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:37:20 AM	Drop baseline for compound Chrysene in sample Jan3117.D to y = 71, new integration is from x, y = 14.739, 71 to 14.814, 71 and new response = 134; previous integration is from x, y = 14.739, 109 to 14.814, 71 and previous response = 49.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:37:21 AM	Zero out primary peak of compound Chrysene in sample Jan3117.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:37:24 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan3117.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:37:35 AM	Manually integrate compound Fluorene in sample Jan3118.D, from x, y = 8.648, 53 to 8.686, 68, result = 67; previous integration is from x, y = 8.935, 61 to 9.047, 61 and previous response = 6683.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:37:36 AM	Snap baseline for compound Fluorene in sample Jan3118.D, from x = 8.648 to x = 8.686, new integration is from x, y = 8.648, 64 to 8.686, 68 and new response = 54; previous integration is from x, y = 8.648, 53 to 8.686, 68 and previous response = 67.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:37:37 AM	Drop baseline for compound Fluorene in sample Jan3118.D to y = 64, new integration is from x, y = 8.648, 64 to 8.686, 64 and new response = 58; previous integration is from x, y = 8.648, 64 to 8.686, 68 and previous response = 54.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:37:39 AM	Zero out primary peak of compound Fluorene in sample Jan3118.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:37:42 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan3118.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:37:49 AM	Manually integrate compound Acenaphthene in sample Jan3118.D, from x, y = 8.013, 80 to 8.063, 64, result = 68; previous integration is from x, y = 7.967, 64 to 8.063, 64 and previous response = 803.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:37:50 AM	Drop baseline for compound Acenaphthene in sample Jan3118.D to y = 64, new integration is from x, y = 8.013, 64 to 8.063, 64 and new response = 93; previous integration is from x, y = 8.013, 80 to 8.063, 64 and previous response = 68.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:37:52 AM	Zero out primary peak of compound Acenaphthene in sample Jan3118.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:37:58 AM	Manually integrate compound Chrysene in sample Jan3118.D, from x, y = 14.751, 113 to 14.826, 64, result = -7; previous integration is from x, y = 14.640, 53 to 14.863, 53 and previous response = 1502.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:37:59 AM	Drop baseline for compound Chrysene in sample Jan3118.D to y = 64, new integration is from x, y = 14.751, 64 to 14.826, 64 and new response = 103; previous integration is from x, y = 14.751, 113 to 14.826, 64 and previous response = -7.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:38:01 AM	Zero out primary peak of compound Chrysene in sample Jan3118.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:38:04 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan3118.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:38:15 AM	Manually integrate compound Fluorene in sample Jan3119.D, from x, y = 8.649, 62 to 8.686, 62, result = 45; previous integration is from x, y = 8.935, 61 to 9.047, 61 and previous response = 5899.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:38:16 AM	Zero out primary peak of compound Fluorene in sample Jan3119.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:38:18 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan3119.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:38:24 AM	Manually integrate compound Acenaphthene in sample Jan3119.D, from x, y = 8.013, 133 to 8.075, 140, result = -177; previous integration is from x, y = 7.963, 62 to 8.138, 62 and previous response = 860.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:38:26 AM	Snap baseline for compound Acenaphthene in sample Jan3119.D, from x = 8.013 to x = 8.075, new integration is from x, y = 8.013, 114 to 8.075, 70 and new response = -9; previous integration is from x, y = 8.013, 133 to 8.075, 140 and previous response = -177.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:38:27 AM	Drop baseline for compound Acenaphthene in sample Jan3119.D to y = 70, new integration is from x, y = 8.013, 70 to 8.075, 70 and new response = 73; previous integration is from x, y = 8.013, 114 to 8.075, 70 and previous response = -9.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:38:30 AM	Zero out primary peak of compound Acenaphthene in sample Jan3119.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:38:37 AM	Manually integrate compound Chrysene in sample Jan3119.D, from x, y = 14.751, 128 to 14.839, 108, result = -170; previous integration is from x, y = 14.640, 53 to 14.789, 53 and previous response = 1455.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:38:38 AM	Snap baseline for compound Chrysene in sample Jan3119.D, from x = 14.751 to x = 14.839, new integration is from x, y = 14.751, 104 to 14.839, 65 and new response = 7; previous integration is from x, y = 14.751, 128 to 14.839, 108 and previous response = -170.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:38:39 AM	Drop baseline for compound Chrysene in sample Jan3119.D to y = 65, new integration is from x, y = 14.751, 65 to 14.839, 65 and new response = 109; previous integration is from x, y = 14.751, 104 to 14.839, 65 and previous response = 7.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:38:40 AM	Zero out primary peak of compound Chrysene in sample Jan3119.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:38:44 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan3119.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:38:54 AM	Zero out primary peak of compound Fluorene in sample Jan3120.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:39:16 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan3120.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:39:24 AM	Manually integrate compound Acenaphthene in sample Jan3120.D, from x, y = 8.013, 169 to 8.075, 148, result = -242; previous integration is from x, y = 7.963, 64 to 8.125, 64 and previous response = 877.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:39:25 AM	Snap baseline for compound Acenaphthene in sample Jan3120.D, from x = 8.013 to x = 8.075, new integration is from x, y = 8.013, 119 to 8.075, 69 and new response = -2; previous integration is from x, y = 8.013, 169 to 8.075, 148 and previous response = -242.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:39:26 AM	Drop baseline for compound Acenaphthene in sample Jan3120.D to y = 69, new integration is from x, y = 8.013, 69 to 8.075, 69 and new response = 91; previous integration is from x, y = 8.013, 119 to 8.075, 69 and previous response = -2.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:39:28 AM	Zero out primary peak of compound Acenaphthene in sample Jan3120.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:39:35 AM	Zero out primary peak of compound Chrysene in sample Jan3120.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:39:36 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan3120.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:39:45 AM	Zero out primary peak of compound Fluorene in sample Jan3121.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:39:48 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan3121.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:39:52 AM	Manually integrate compound Acenaphthene in sample Jan3121.D, from x, y = 8.013, 78 to 8.075, 65, result = 74; previous integration is from x, y = 7.967, 66 to 8.075, 65 and previous response = 823.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:39:54 AM	Drop baseline for compound Acenaphthene in sample Jan3121.D to y = 65, new integration is from x, y = 8.013, 65 to 8.075, 65 and new response = 96; previous integration is from x, y = 8.013, 78 to 8.075, 65 and previous response = 74.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:39:55 AM	Zero out primary peak of compound Acenaphthene in sample Jan3121.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:40:01 AM	Manually integrate compound Chrysene in sample Jan3121.D, from x, y = 14.739, 81 to 14.838, 53, result = 129; previous integration is from x, y = 14.631, 53 to 14.838, 53 and previous response = 1476.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:40:03 AM	Drop baseline for compound Chrysene in sample Jan3121.D to y = 53, new integration is from x, y = 14.739, 53 to 14.838, 53 and new response = 213; previous integration is from x, y = 14.739, 81 to 14.838, 53 and previous response = 129.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:40:04 AM	Zero out primary peak of compound Chrysene in sample Jan3121.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:40:07 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan3121.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:40:19 AM	Zero out primary peak of compound Fluorene in sample Jan3122.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:40:22 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan3122.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:40:24 AM	Zero out primary peak of compound Acenaphthene in sample Jan3122.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:40:26 AM	Zero out primary peak of compound Chrysene in sample Jan3122.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:40:27 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan3122.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	2/1/2022 9:40:43 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan3123.D, from x, y = 5.916, 551 to 6.016, 100, result = 3101; previous integration is from x, y = 5.878, 95 to 6.016, 100 and previous response = 6947.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:40:44 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan3123.D to y = 100, new integration is from x, y = 5.916, 100 to 6.016, 100 and new response = 4452; previous integration is from x, y = 5.916, 551 to 6.016, 100 and previous response = 3101.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:41:44 AM	Zero out primary peak of compound Fluorene in sample Jan3124.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:41:53 AM	Manually integrate compound Benzo(a)pyrene in sample Jan3124.D, from x, y = 18.326, 57 to 18.388, 62, result = 102; previous integration is from x, y = 18.438, 71 to 18.610, 73 and previous response = 1239.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:41:54 AM	Snap baseline for compound Benzo(a)pyrene in sample Jan3124.D, from x = 18.326 to x = 18.388, new integration is from x, y = 18.326, 70 to 18.388, 81 and new response = 44; previous integration is from x, y = 18.326, 57 to 18.388, 62 and previous response = 102.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:41:55 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan3124.D to y = 70, new integration is from x, y = 18.326, 70 to 18.388, 70 and new response = 65; previous integration is from x, y = 18.326, 70 to 18.388, 81 and previous response = 44.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:41:55 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan3124.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:42:01 AM	Manually integrate compound Acenaphthene in sample Jan3124.D, from x, y = 8.013, 279 to 8.063, 86, result = -200; previous integration is from x, y = 7.965, 86 to 8.063, 86 and previous response = 849.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:42:02 AM	Drop baseline for compound Acenaphthene in sample Jan3124.D to y = 86, new integration is from x, y = 8.013, 86 to 8.063, 86 and new response = 89; previous integration is from x, y = 8.013, 279 to 8.063, 86 and previous response = -200.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:42:03 AM	Zero out primary peak of compound Acenaphthene in sample Jan3124.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:42:10 AM	Manually integrate compound Chrysene in sample Jan3124.D, from x, y = 14.739, 132 to 14.826, 183, result = -314; previous integration is from x, y = 14.630, 58 to 14.788, 58 and previous response = 1592.			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:42:11 AM	Snap baseline for compound Chrysene in sample Jan3124.D, from x = 14.739 to x = 14.826, new integration is from x, y = 14.739, 111 to 14.826, 69 and new response = 40; previous integration is from x, y = 14.739, 132 to 14.826, 183 and previous response = -314.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:42:12 AM	Drop baseline for compound Chrysene in sample Jan3124.D to y = 69, new integration is from x, y = 14.739, 69 to 14.826, 69 and new response = 149; previous integration is from x, y = 14.739, 111 to 14.826, 69 and previous response = 40.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:42:13 AM	Zero out primary peak of compound Chrysene in sample Jan3124.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:42:16 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan3124.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:42:27 AM	Manually integrate compound Fluorene in sample Jan3125.D, from x, y = 8.648, 83 to 8.673, 87, result = 25; previous integration is from x, y = 8.935, 81 to 9.047, 87 and previous response = 6883.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:42:28 AM	Zero out primary peak of compound Fluorene in sample Jan3125.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:42:35 AM	Manually integrate compound Benzo(a)pyrene in sample Jan3125.D, from x, y = 18.339, 63 to 18.388, 72, result = 62; previous integration is from x, y = 18.437, 68 to 18.549, 69 and previous response = 1033.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:42:36 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan3125.D to y = 63, new integration is from x, y = 18.339, 63 to 18.388, 63 and new response = 75; previous integration is from x, y = 18.339, 63 to 18.388, 72 and previous response = 62.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:42:37 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan3125.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:42:43 AM	Manually integrate compound Acenaphthene in sample Jan3125.D, from x, y = 8.013, 96 to 8.050, 75, result = 47; previous integration is from x, y = 7.963, 74 to 8.050, 75 and previous response = 797.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:42:44 AM	Drop baseline for compound Acenaphthene in sample Jan3125.D to y = 75, new integration is from x, y = 8.013, 75 to 8.050, 75 and new response = 71; previous integration is from x, y = 8.013, 96 to 8.050, 75 and previous response = 47.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:42:45 AM	Zero out primary peak of compound Acenaphthene in sample Jan3125.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:42:51 AM	Manually integrate compound Chrysene in sample Jan3125.D, from x, y = 14.739, 86 to 14.826, 55, result = 189; previous integration is from x, y = 14.623, 55 to 14.826, 55 and previous response = 1596.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:42:52 AM	Drop baseline for compound Chrysene in sample Jan3125.D to y = 55, new integration is from x, y = 14.739, 55 to 14.826, 55 and new response = 269; previous integration is from x, y = 14.739, 86 to 14.826, 55 and previous response = 189.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:42:53 AM	Zero out primary peak of compound Chrysene in sample Jan3125.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:42:59 AM	Manually integrate compound o-Terphenyl in sample Jan3125.D, from x, y = 10.250, 55 to 10.324, 122, result = 274; previous integration is from x, y = 10.250, 55 to 10.410, 55 and previous response = 449.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:43:01 AM	Drop baseline for compound o-Terphenyl in sample Jan3125.D to y = 55, new integration is from x, y = 10.250, 55 to 10.324, 55 and new response = 422; previous integration is from x, y = 10.250, 55 to 10.324, 122 and previous response = 274.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:43:11 AM	Manually integrate compound Benzo(a)Anthracene in sample Jan3125.D, from x, y = 14.623, 55 to 14.739, 113, result = 1127; previous integration is from x, y = 14.623, 55 to 14.826, 55 and previous response = 1596.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:43:12 AM	Drop baseline for compound Benzo(a)Anthracene in sample Jan3125.D to y = 55, new integration is from x, y = 14.623, 55 to 14.739, 55 and new response = 1327; previous integration is from x, y = 14.623, 55 to 14.739, 113 and previous response = 1127.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:43:21 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan3125.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	2/1/2022 9:43:37 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan3126.D, from x, y = 5.916, 773 to 6.016, 89, result = 2784; previous integration is from x, y = 5.841, 79 to 6.016, 89 and previous response = 7293.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:43:38 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan3126.D to y = 89, new integration is from x, y = 5.916, 89 to 6.016, 89 and new response = 4834; previous integration is from x, y = 5.916, 773 to 6.016, 89 and previous response = 2784.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:44:32 AM	Manually integrate compound Fluorene in sample Jan3127.D, from x, y = 8.636, 106 to 8.698, 101, result = 207; previous integration is from x, y = 8.935, 118 to 9.035, 118 and previous response = 6439.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:44:34 AM	Drop baseline for compound Fluorene in sample Jan3127.D to y = 101, new integration is from x, y = 8.636, 101 to 8.698, 101 and new response = 216; previous integration is from x, y = 8.636, 106 to 8.698, 101 and previous response = 207.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:44:35 AM	Zero out primary peak of compound Fluorene in sample Jan3127.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:44:45 AM	Manually integrate compound Acenaphthene in sample Jan3127.D, from x, y = 8.013, 125 to 8.038, 122, result = 112; previous integration is from x, y = 7.963, 119 to 8.063, 119 and previous response = 956.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:44:46 AM	Zero out primary peak of compound Acenaphthene in sample Jan3127.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:44:52 AM	Manually integrate compound Benzo(a)pyrene in sample Jan3127.D, from x, y = 18.314, 65 to 18.425, 74, result = 225; previous integration is from x, y = 18.425, 72 to 18.549, 73 and previous response = 1063.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:44:53 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan3127.D to y = 65, new integration is from x, y = 18.314, 65 to 18.425, 65 and new response = 255; previous integration is from x, y = 18.314, 65 to 18.425, 74 and previous response = 225.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:44:55 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan3127.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:44:58 AM	Zero out primary peak of compound Naphthalene in sample Jan3127.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:45:06 AM	Manually integrate compound Indeno(1,2,3-cd)pyrene in sample Jan3127.D, from x, y = 20.192, 62 to 20.266, 84, result = 349; previous integration is from x, y = 20.192, 62 to 20.410, 64 and previous response = 562.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:45:07 AM	Drop baseline for compound Indeno(1,2,3-cd)pyrene in sample Jan3127.D to y = 62, new integration is from x, y = 20.192, 62 to 20.266, 62 and new response = 398; previous integration is from x, y = 20.192, 62 to 20.266, 84 and previous response = 349.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	2/1/2022 9:45:11 AM	Manually integrate qualifier 138.0 of compound Indeno(1,2,3-cd)pyrene in sample Jan3127.D, from x, y = 20.180, 85 to 20.254, 91, result = 66; previous integration is from x, y = 20.180, 85 to 20.316, 86 and previous response = 127.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:45:12 AM	Drop baseline for qualifier 138.0 of compound Indeno(1,2,3-cd)pyrene in sample Jan3127.D to y = 85, new integration is from x, y = 20.180, 85 to 20.254, 85 and new response = 79; previous integration is from x, y = 20.180, 85 to 20.254, 91 and previous response = 66.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	2/1/2022 9:45:19 AM	Manually integrate qualifier 101.0 of compound Pyrene in sample Jan3127.D, from x, y = 11.745, 82 to 11.806, 102, result = 117; previous integration is from x, y = 11.745, 82 to 11.891, 81 and previous response = 187.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:45:20 AM	Drop baseline for qualifier 101.0 of compound Pyrene in sample Jan3127.D to y = 82, new integration is from x, y = 11.745, 82 to 11.806, 82 and new response = 154; previous integration is from x, y = 11.745, 82 to 11.806, 102 and previous response = 117.			✓	
CmdSelectPeak	BL2000\jheine	2/1/2022 9:45:31 AM	Select peak for compound Anthracene in sample Jan3127.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:45:34 AM	Zero out primary peak of compound Anthracene in sample Jan3127.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	2/1/2022 9:45:48 AM	Manually integrate qualifier 279.0 of compound Dibenzo(a,h)anthracene in sample Jan3127.D from x, y = 20.266, 74 to 20.353, 74; result = 77			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate DropBaseline	BL2000\jheine	2/1/2022 9:45:50 AM	Drop baseline for qualifier 279.0 of compound Dibenzo(a,h)anthracene in sample Jan3127.D to y = 74, new integration is from x, y = 20.266, 74 to 20.353, 74 and new response = 78; previous integration is from x, y = 20.266, 74 to 20.353, 74 and previous response = 77.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	2/1/2022 9:45:55 AM	Manually integrate qualifier 139.0 of compound Dibenzo(a,h)anthracene in sample Jan3127.D from x, y = 20.254, 115 to 20.353, 115; result = 66			✓	
CmdClearManualIntegration	BL2000\jheine	2/1/2022 9:46:06 AM	Clear manual integration of target signal for compound Anthracene in sample Jan3127.D			✓	
CmdSelectPeak	BL2000\jheine	2/1/2022 9:46:08 AM	Select peak for compound Anthracene in sample Jan3127.D			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	2/1/2022 9:46:13 AM	Manually integrate qualifier 176.0 of compound Anthracene in sample Jan3127.D, from x, y = 9.830, 130 to 9.904, 139, result = 5; previous integration is from x, y = 9.952, 111 to 10.274, 102 and previous response = 293.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:46:14 AM	Snap baseline for qualifier 176.0 of compound Anthracene in sample Jan3127.D from x = 9.830 to x = 9.904, new integration is from x, y = 9.830, 115 to 9.904, 112 and new response = 99; previous integration is from x, y = 9.830, 130 to 9.904, 139 and previous response = 5.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\jheine	2/1/2022 9:46:15 AM	Drop baseline for qualifier 176.0 of compound Anthracene in sample Jan3127.D to y = 112, new integration is from x, y = 9.830, 112 to 9.904, 112 and new response = 106; previous integration is from x, y = 9.830, 115 to 9.904, 112 and previous response = 99.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	2/1/2022 9:46:40 AM	Manually integrate qualifier 138.0 of compound Benzo(g,h,i)perylene in sample Jan3127.D, from x, y = 20.513, 86 to 20.575, 89, result = 75; previous integration is from x, y = 20.513, 86 to 20.649, 82 and previous response = 139.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\jheine	2/1/2022 9:46:41 AM	Drop baseline for qualifier 138.0 of compound Benzo(g,h,i)perylene in sample Jan3127.D to y = 86, new integration is from x, y = 20.513, 86 to 20.575, 86 and new response = 80; previous integration is from x, y = 20.513, 86 to 20.575, 89 and previous response = 75.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:47:09 AM	Manually integrate compound Fluorene in sample Jan3128.D, from x, y = 8.636, 58 to 8.711, 66, result = 219; previous integration is from x, y = 8.932, 62 to 9.047, 62 and previous response = 7489.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:47:10 AM	Drop baseline for compound Fluorene in sample Jan3128.D to y = 58, new integration is from x, y = 8.636, 58 to 8.711, 58 and new response = 236; previous integration is from x, y = 8.636, 58 to 8.711, 66 and previous response = 219.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:47:12 AM	Zero out primary peak of compound Fluorene in sample Jan3128.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:47:18 AM	Manually integrate compound Benzo(a)pyrene in sample Jan3128.D, from x, y = 18.326, 62 to 18.425, 68, result = 142; previous integration is from x, y = 18.425, 64 to 18.561, 65 and previous response = 1079.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:47:19 AM	Drop baseline for compound Benzo(a)pyrene in sample Jan3128.D to y = 62, new integration is from x, y = 18.326, 62 to 18.425, 62 and new response = 159; previous integration is from x, y = 18.326, 62 to 18.425, 68 and previous response = 142.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:47:21 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan3128.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:47:28 AM	Manually integrate compound Acenaphthene in sample Jan3128.D, from x, y = 8.013, 82 to 8.075, 61, result = 92; previous integration is from x, y = 7.963, 61 to 8.075, 61 and previous response = 902.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:47:29 AM	Drop baseline for compound Acenaphthene in sample Jan3128.D to y = 61, new integration is from x, y = 8.013, 61 to 8.075, 61 and new response = 130; previous integration is from x, y = 8.013, 82 to 8.075, 61 and previous response = 92.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:47:31 AM	Zero out primary peak of compound Acenaphthene in sample Jan3128.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:47:45 AM	Manually integrate compound Chrysene in sample Jan3128.D, from x, y = 14.739, 166 to 14.876, 125, result = -202; previous integration is from x, y = 14.632, 55 to 14.739, 58 and previous response = 1528.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:47:46 AM	Snap baseline for compound Chrysene in sample Jan3128.D, from x = 14.739 to x = 14.876, new integration is from x, y = 14.739, 133 to 14.876, 64 and new response = 186; previous integration is from x, y = 14.739, 166 to 14.876, 125 and previous response = -202.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:47:47 AM	Drop baseline for compound Chrysene in sample Jan3128.D to y = 64, new integration is from x, y = 14.739, 64 to 14.876, 64 and new response = 469; previous integration is from x, y = 14.739, 133 to 14.876, 64 and previous response = 186.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:47:49 AM	Zero out primary peak of compound Chrysene in sample Jan3128.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:47:54 AM	Manually integrate compound Anthracene in sample Jan3128.D, from x, y = 9.830, 129 to 9.941, 143, result = -21; previous integration is from x, y = 9.743, 65 to 9.830, 65 and previous response = 1014.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\jheine	2/1/2022 9:47:55 AM	Snap baseline for compound Anthracene in sample Jan3128.D, from x = 9.830 to x = 9.941, new integration is from x, y = 9.830, 102 to 9.941, 74 and new response = 299; previous integration is from x, y = 9.830, 129 to 9.941, 143 and previous response = -21.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:47:56 AM	Drop baseline for compound Anthracene in sample Jan3128.D to y = 74, new integration is from x, y = 9.830, 74 to 9.941, 74 and new response = 392; previous integration is from x, y = 9.830, 102 to 9.941, 74 and previous response = 299.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:47:58 AM	Zero out primary peak of compound Anthracene in sample Jan3128.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	2/1/2022 9:48:04 AM	Manually integrate qualifier 176.0 of compound Phenanthrene in sample Jan3128.D, from x, y = 9.768, 58 to 9.830, 84, result = 112; previous integration is from x, y = 9.768, 58 to 9.916, 58 and previous response = 239.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:48:05 AM	Drop baseline for qualifier 176.0 of compound Phenanthrene in sample Jan3128.D to y = 58, new integration is from x, y = 9.768, 58 to 9.830, 58 and new response = 162; previous integration is from x, y = 9.768, 58 to 9.830, 84 and previous response = 112.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:48:12 AM	Manually integrate compound Indeno(1,2,3-cd)pyrene in sample Jan3128.D, from x, y = 20.192, 55 to 20.390, 56, result = 270; previous integration is from x, y = 20.527, 58 to 20.731, 58 and previous response = 272.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:48:13 AM	Drop baseline for compound Indeno(1,2,3-cd)pyrene in sample Jan3128.D to y = 55, new integration is from x, y = 20.192, 55 to 20.390, 55 and new response = 277; previous integration is from x, y = 20.192, 55 to 20.390, 56 and previous response = 270.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	2/1/2022 9:48:19 AM	Manually integrate qualifier 138.0 of compound Indeno(1,2,3-cd)pyrene in sample Jan3128.D from x, y = 20.204, 69 to 20.254, 70; result = 37			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:48:21 AM	Drop baseline for qualifier 138.0 of compound Indeno(1,2,3-cd)pyrene in sample Jan3128.D to y = 69, new integration is from x, y = 20.204, 69 to 20.254, 69 and new response = 38; previous integration is from x, y = 20.204, 69 to 20.254, 70 and previous response = 37.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:48:27 AM	Manually integrate compound Indeno(1,2,3-cd)pyrene in sample Jan3128.D, from x, y = 20.192, 55 to 20.278, 69, result = 146; previous integration is from x, y = 20.192, 55 to 20.390, 55 and previous response = 277.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:48:29 AM	Drop baseline for compound Indeno(1,2,3-cd)pyrene in sample Jan3128.D to y = 55, new integration is from x, y = 20.192, 55 to 20.278, 55 and new response = 183; previous integration is from x, y = 20.192, 55 to 20.278, 69 and previous response = 146.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:48:31 AM	Zero out primary peak of compound Indeno(1,2,3-cd)pyrene in sample Jan3128.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:48:41 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan3128.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:49:05 AM	Zero out primary peak of compound Fluorene in sample Jan3129.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:49:09 AM	Zero out primary peak of compound Benzo(a)pyrene in sample Jan3129.D			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:49:14 AM	Manually integrate compound Acenaphthene in sample Jan3129.D, from x, y = 8.013, 176 to 8.050, 64, result = -46; previous integration is from x, y = 7.964, 64 to 8.050, 64 and previous response = 790.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:49:15 AM	Drop baseline for compound Acenaphthene in sample Jan3129.D to y = 64, new integration is from x, y = 8.013, 64 to 8.050, 64 and new response = 79; previous integration is from x, y = 8.013, 176 to 8.050, 64 and previous response = -46.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:49:17 AM	Zero out primary peak of compound Acenaphthene in sample Jan3129.D			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:49:22 AM	Manually integrate compound Chrysene in sample Jan3129.D, from x, y = 14.739, 91 to 14.826, 54, result = 135; previous integration is from x, y = 14.627, 54 to 14.826, 54 and previous response = 1554.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:49:24 AM	Drop baseline for compound Chrysene in sample Jan3129.D to y = 54, new integration is from x, y = 14.739, 54 to 14.826, 54 and new response = 231; previous integration is from x, y = 14.739, 91 to 14.826, 54 and previous response = 135.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:49:26 AM	Zero out primary peak of compound Chrysene in sample Jan3129.D			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:49:28 AM	Zero out primary peak of compound Benzo(a)Anthracene in sample Jan3129.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\jheine	2/1/2022 9:51:09 AM	Manually integrate qualifier 102.0 of compound Naphthalene in sample Jan3130.D, from x, y = 5.916, 539 to 6.015, 97, result = 2002; previous integration is from x, y = 5.880, 77 to 6.015, 97 and previous response = 5498.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:51:11 AM	Drop baseline for qualifier 102.0 of compound Naphthalene in sample Jan3130.D to y = 97, new integration is from x, y = 5.916, 97 to 6.015, 97 and new response = 3326; previous integration is from x, y = 5.916, 539 to 6.015, 97 and previous response = 2002.			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:51:33 AM	Manually integrate compound Phenanthrene in sample Jan3130.D, from x, y = 9.743, 64 to 9.830, 305, result = 16605; previous integration is from x, y = 9.768, 346 to 9.825, 695 and previous response = 11888.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\jheine	2/1/2022 9:51:34 AM	Drop baseline for compound Phenanthrene in sample Jan3130.D to y = 64, new integration is from x, y = 9.743, 64 to 9.830, 64 and new response = 17230; previous integration is from x, y = 9.743, 64 to 9.830, 305 and previous response = 16605.			✓	
CmdSetTargetCompoundAttribute	BL2000\jheine	2/1/2022 9:51:36 AM	Set UserAnnotation = BA for compound Phenanthrene in sample Jan3130.D; previous value =			✓	
CmdSaveBatchTable	BL2000\jheine	2/1/2022 9:52:11 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh013122\2 e8270c bna SIM\QuantResults\013122 bna SIM 2.batch.bin			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:27 AM	Set SampleApproved = True for sample Jan3109.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:29 AM	Set SampleApproved = True for sample Jan3110.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:30 AM	Set SampleApproved = True for sample Jan3111.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:31 AM	Set SampleApproved = True for sample Jan3108.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:33 AM	Set SampleApproved = True for sample Jan3112.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:34 AM	Set SampleApproved = True for sample Jan3113.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:35 AM	Set SampleApproved = True for sample Jan3114.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:36 AM	Set SampleApproved = True for sample Jan3115.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:38 AM	Set SampleApproved = True for sample Jan3116.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:39 AM	Set SampleApproved = True for sample Jan3117.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:40 AM	Set SampleApproved = True for sample Jan3118.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:41 AM	Set SampleApproved = True for sample Jan3119.D; previous value = False			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:43 AM	Set SampleApproved = True for sample Jan3120.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:45 AM	Set SampleApproved = True for sample Jan3121.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:46 AM	Set SampleApproved = True for sample Jan3122.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:48 AM	Set SampleApproved = True for sample Jan3123.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:53 AM	Set SampleApproved = True for sample Jan3124.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:54 AM	Set SampleApproved = True for sample Jan3125.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:56 AM	Set SampleApproved = True for sample Jan3126.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:56 AM	Set SampleApproved = True for sample Jan3127.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:58 AM	Set SampleApproved = True for sample Jan3128.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:56:59 AM	Set SampleApproved = True for sample Jan3129.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\jheine	2/1/2022 9:57:00 AM	Set SampleApproved = True for sample Jan3130.D; previous value = False			✓	
CmdSaveBatchTable	BL2000\jheine	2/1/2022 9:57:06 AM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\QuantResults\013122 bna SIM 2.batch.bin			✓	
CmdManuallyIntegratePeak	BL2000\jheine	2/1/2022 9:57:24 AM	Manually integrate compound Benzo(g,h,i)perylene in sample Jan3127.D, from x, y = 20.649, 158 to 20.674, 160, result = -129; previous integration is from x, y = 20.513, 64 to 20.699, 64 and previous response = 468.			✓	
CmdZeroOutPeak	BL2000\jheine	2/1/2022 9:57:25 AM	Zero out primary peak of compound Benzo(g,h,i)perylene in sample Jan3127.D			✓	
CmdClearManualIntegration	BL2000\jheine	2/1/2022 9:57:34 AM	Clear manual integration of target signal for compound Benzo(g,h,i)perylene in sample Jan3127.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\jheine	2/1/2022 1:09:18 PM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\QuantResults\013122 bna SIM 2.batch.bin			✓	
CmdOpenBatchTable	BL2000\jheine	2/10/2022 3:08:26 PM	Open batch \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\013122 bna SIM 2.batch.bin			✓	
CmdQuantitate	BL2000\jheine	2/10/2022 3:11:28 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\jheine	2/10/2022 3:11:36 PM	Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 013122\2 e8270c bna SIM\QuantResults\013122 bna SIM 2.batch.bin			✓	



## Prep Batch 163072 Standards Traceability Report

**Spike ID:** sv83514

**Spike Name:** Additional

**Prep Date:** 9/22/2021

**Exp Date:** 10/1/2022

**Department:** GCMSPR

**Vendor:** AccuStandard

**Lot Number:** 22002155-02

**Balance ID:**

**Comments:** 12x1mL ampules

**Type:** Primary

**Prep By:** Ryan F. Bengel

**Status:** Open

**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Custom Semi-Volatile Standard	<a href="#">14279</a>	1	mL	10/1/2022

Stock Source	Base Units	Amount Added
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## Prep Batch 163072 Standards Traceability Report

**Spike ID:** sv83604

**Spike Name:** BN Surr

**Prep Date:** 10/25/2021

**Exp Date:** 7/31/2027

**Department:** GCMSPR

**Vendor:** Restek

**Lot Number:** A0175748

**Balance ID:**

**Comments:** 6 ampules

**Type:** Primary

**Prep By:** Ryan F. Bengel

**Status:** New

**Final Volume:** 5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
B/N Surrogate Mix (4/89 SOW)	<a href="#">14431</a>	5	mL	7/31/2027
Stock Source	Base Units	Amount Added		



## Prep Batch 163072 Standards Traceability Report

**Spike ID:** sv83608

**Spike Name:** 625 LCS

**Prep Date:** 11/29/2021

**Exp Date:** 9/15/2026

**Department:** GCMSPR

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** 20x1 mL ampule

**Type:** Secondary

**Prep By:** Ryan F. Bengé

**Status:** New

**Final Volume:** mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
CLP Semi-volatile calibration standard	<a href="#">14546</a>		mL	9/15/2026
Stock Source	Base Units	Amount Added		



## Prep Batch 163072 Standards Traceability Report

**Spike ID:** sv83609

**Spike Name:** AE Surrogate

**Prep Date:** 11/29/2021

**Exp Date:** 3/6/2023

**Department:** GCMSPR

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** 5x1 mL ampule

**Type:** Secondary

**Prep By:** Ryan F. Benge

**Status:** New

**Final Volume:** mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Acid Surrogate	<a href="#">14527</a>		mL	3/6/2023
Stock Source	Base Units	Amount Added		





## Prep Batch 163072 Standards Traceability Report

**Spike ID:** sv92706  
**Spike Name:** BNA Surr  
**Prep Date:** 12/22/2021  
**Exp Date:** 3/31/2022  
**Department:** GCMSPR  
**Vendor:**  
**Lot Number:**  
**Balance ID:**  
**Comments:** 2000/1000ug/mL

**Type:** Tertiary  
**Prep By:** Zachary B. Zaccardi  
**Status:** New

**Final Volume:** 25 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Acetone DZ963	<a href="#">13755</a>	17.5	mL	3/31/2022

Stock Source	Base Units	Amount Added
sv83609	ug/mL	2.5 mL
sv83604	ug/mL	5 mL



## Prep Batch 163072 Standards Traceability Report

**Spike ID:** sv92715

**Spike Name:** LCS/Add Extractions

**Prep Date:** 1/12/2022

**Exp Date:** 9/24/2022

**Department:** GCMSPR

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** 100ug/mL. Spike 1mL into water.

**Type:** Secondary

**Prep By:** Zachary B. Zaccardi

**Status:** New

**Final Volume:** 25 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Acetone DZ963	<a href="#">13755</a>	21.25	mL	9/24/2022

Stock Source	Base Units	Amount Added
sv83514	ug/mL	1.25 mL
sv83608	ug/mL	2.5 mL



## Prep Batch 163072 Standards Traceability Report

**Spike ID:** sv92717

**Spike Name:** LL BNA Surr

**Prep Date:** 1/14/2022

**Exp Date:** 3/31/2022

**Department:** GCMSPR

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** 100/50 ug/mL

**Type:** Tertiary

**Prep By:** Zachary B. Zaccardi

**Status:** New

**Final Volume:** 4 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Acetone DZ963	<a href="#">13755</a>	3.8	mL	3/31/2022

Stock Source	Base Units	Amount Added
sv92706	ug/mL	0.2 mL

# CERTIFICATE OF ANALYSIS

**Catalog No:** S-14500-R2  
**Description:** Custom Semi-Volatile Standard  
**Lot:** 220021255-02  
**Solvent:** Dichloromethane  
**Hazards:** Refer to SDS for complete safety information

**Date Certified:** Aug 31, 2021  
**Expiration:** Oct 1, 2022  
**Sample Size:** 1 mL  
**Components:** 10  
**Storage Condition:** Freeze (<-10 °C)/Sonicate



Signal Word: Warning

Certified Reference Material



AR-1463

Component	CAS #	Purity % (GC/MS)	Prepared Concentration <sup>2</sup> (µg/mL)	Certified Analyte Concentration <sup>1</sup> (µg/mL)
Pyridine				
4-Chlorophenol	110-86-1	98.7	2026	2000
1-Methylnaphthalene	106-48-9	100.0	2019	2019
N-Nitrosodiphenylamine	90-12-0	98.5	2003	1973
4-Chloro-2-methylphenol	86-30-6	100.0	2022	2022
Benzoic acid	1570-64-5	97.0	2069*	2007
Aniline	65-85-0	99.5	2010	2000
Benzyl alcohol	62-53-3	98.0	2002	1962
Triallate	100-51-6	99.9	2011	2009
o-Terphenyl	2303-17-5	99.9	2013	2011
	84-15-1	99.9	2019	2017

**ID #: 14279**  
Opened: \_\_\_\_\_  
Custom Semi-Volatile Standard  
**Expires: 10/1/2022**  
Rec'd: 9/16/2021  
Enerav Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

This Certified Reference Material was verified in accordance with ISO/IEC 17025

\* Weight compensated to 100% purity.

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

<sup>2</sup> All weights are traceable through NIST, Test No. 684/289871-17

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.


The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By:   
Larry Decker, Organic QC Manager



**CERTIFIED WEIGHT REPORT**

Part Number: **92180**  
Lot Number: **091521**  
Description: **CLP Semi-Volatile Calibration Standard**  
64 components  
Expiration Date: **091526**  
Recommended Storage: **Freezer (0 °C)**  
Nominal Concentration (µg/mL): **1000**  
NIST Test ID#: **6UTB**

Solvent: **Methylene chloride**  
Lot#: **104929**

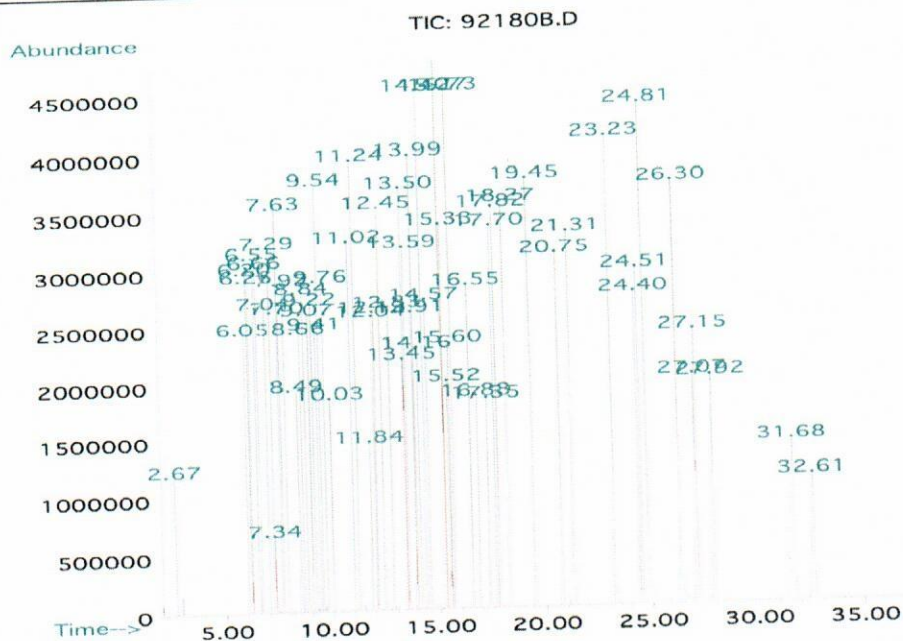
Formulated By: <i>Prashant Chauhan</i>	091521 DATE
Reviewed By: <i>Pedro L. Rentas</i>	091521 DATE

Weight(s) shown below were combined and diluted to (mL):  
100.0 0.003 5E-05 Balance Uncertainty  
Flask Uncertainty

Compound	(RM#)	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc. (µg/mL)	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc. (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.)		
														CAS#	OSHA PEL (TWA)	LO50
1. 2,2'-Oxybis(1-chloropropane)	(0078)	012016AR	NA	NA	NA	1000	98.9	0.2	NA	0.10112	0.10129	1001.7	4.2	108-60-1	N/A	ori-rat 240mg/kg
2. Hexachlorobenzene	(0195)	051697	NA	NA	NA	1000	99	0.2	NA	0.10102	0.10128	1002.6	4.2	118-74-1	N/A	ori-rat 10µg/kg
3. bis(2-Chloroethoxy) methane	10111	011214	0.05	5.00	20018.4	1000	NA	NA	0.017	NA	NA	1000.8	8.0	111-91-1	N/A	ori-rat 10µg/kg
4. bis(2-Chloroethyl) ether	10111	011214	0.05	5.00	20014.3	1000	NA	NA	0.017	NA	NA	1000.5	8.0	111-44-4	15 ppm (90mg/m3/8H)(skin)	ori-rat 75mg/kg
5. bis(2-Ethylhexyl) phthalate	10111	011214	0.05	5.00	20008.8	1000	NA	NA	0.017	NA	NA	1000.3	8.0	117-81-7	5mg/m3/8H	ori-rat 30600mg/kg
6. 4-Bromophenyl phenyl ether	10111	011214	0.05	5.00	20011.3	1000	NA	NA	0.017	NA	NA	1000.5	8.0	101-55-3	N/A	ori-rat 2330mg/kg
7. Benzyl butyl phthalate	10111	011214	0.05	5.00	20009.5	1000	NA	NA	0.017	NA	NA	1000.4	8.0	7005-72-3	N/A	ori-rat 2330mg/kg
8. 4-Chlorophenyl phenyl ether	10111	011214	0.05	5.00	20015.7	1000	NA	NA	0.017	NA	NA	1000.7	8.0	84-66-2	5mg/m3/8H	ori-rat 8600mg/kg
9. Diethyl phthalate	10111	011214	0.05	5.00	20011.6	1000	NA	NA	0.017	NA	NA	1000.5	8.0	131-11-3	5mg/m3/8H	ori-rat 6800mg/kg
10. Dimethyl phthalate	10111	011214	0.05	5.00	20012.2	1000	NA	NA	0.017	NA	NA	1000.5	8.0	84-74-2	5mg/m3/8H	ori-rat 8000mg/kg
11. Di-n-butyl phthalate	10111	011214	0.05	5.00	20010.0	1000	NA	NA	0.017	NA	NA	1000.5	8.0	117-84-0	N/A	ori-rat 47000mg/kg
12. Di-n-octyl phthalate	10111	011214	0.05	5.00	20010.5	1000	NA	NA	0.017	NA	NA	1000.4	8.0	62-75-9	N/A	ori-rat 47000mg/kg
13. N-Nitrosodimethylamine	10111	011214	0.05	5.00	20003.9	1000	NA	NA	0.017	NA	NA	1000.4	8.0	62-75-9	N/A	ori-rat 47000mg/kg
14. N-Nitroso-n-propylamine	10111	011214	0.05	5.00	20003.9	1000	NA	NA	0.017	NA	NA	1000.4	8.0	62-75-9	N/A	ori-rat 47000mg/kg
15. 1,2-Diphenylhydrazine (as Azobenzene)	10112	042820	0.05	5.00	20003.9	1000	NA	NA	0.017	NA	NA	1000.4	8.0	62-75-9	N/A	ori-rat 47000mg/kg
16. 2-Chloronaphthalene	10112	042820	0.05	5.00	20002.3	1000	NA	NA	0.017	NA	NA	1000.1	8.1	103-33-3	N/A	ori-rat 480mg/kg
17. 1,2-Dichlorobenzene	10112	042820	0.05	5.00	20005.4	1000	NA	NA	0.017	NA	NA	1000.0	8.0	91-58-7	N/A	ori-rat 1000mg/kg
18. 1,3-Dichlorobenzene	10112	042820	0.05	5.00	20003.7	1000	NA	NA	0.017	NA	NA	1000.2	8.0	95-50-1	50 ppm (300mg/m3) (CL)	ori-rat 2078mg/kg
19. 1,4-Dichlorobenzene	10112	042820	0.05	5.00	20005.4	1000	NA	NA	0.017	NA	NA	1000.1	8.0	541-73-1	N/A	ori-rat 500mg/kg
20. 2,4-Dinitrotoluene	10112	042820	0.05	5.00	20003.3	1000	NA	NA	0.017	NA	NA	1000.2	8.0	106-46-7	75 ppm (450mg/m3/8H)	ori-rat 268mg/kg
21. 2,6-Dinitrotoluene	10112	042820	0.05	5.00	20002.4	1000	NA	NA	0.017	NA	NA	1000.1	8.1	121-14-2	1.5mg/m3/8H (skin)	ori-rat 177mg/kg
22. Hexachloro-1,3-butadiene	10112	042820	0.05	5.00	20009.4	1000	NA	NA	0.017	NA	NA	1000.0	8.0	606-20-2	1.5mg/m3/8H (skin)	ori-rat 177mg/kg
23. Hexachlorocyclopentadiene	10112	042820	0.05	5.00	20001.8	1000	NA	NA	0.017	NA	NA	1000.4	12.4	87-68-3	0.02 ppm (0.24mg/m3/8H)	ori-rat 82mg/kg
24. Hexachloroethane	10112	042820	0.05	5.00	20002.4	1000	NA	NA	0.017	NA	NA	1000.0	8.0	77-47-4	0.01 ppm (0.1mg/m3/8H)	ori-rat 1300mg/kg
25. Isophorone	10112	042820	0.05	5.00	20003.8	1000	NA	NA	0.017	NA	NA	1000.0	8.0	67-72-1	1 ppm (10mg/m3/8H)(skin)	ori-rat 4970mg/kg
26. Nitrobenzene	10112	042820	0.05	5.00	20004.9	1000	NA	NA	0.017	NA	NA	1000.1	8.1	78-59-1	25 ppm	ori-rat 2330mg/kg
27. 1,2,4-Trichlorobenzene	10112	042820	0.05	5.00	20002.0	1000	NA	NA	0.017	NA	NA	1000.1	8.0	98-95-3	1 ppm (5mg/m3/8H)(skin)	ori-rat 780mg/kg
28. o-Cresol (2-Methylphenol)	10114	081919	0.05	5.00	20010.2	1000	NA	NA	0.017	NA	NA	1000.0	8.0	120-82-1	5 ppm (CL) (40mg/m3)	ori-rat 756mg/kg
29. p-Cresol (4-Methylphenol)	10114	081919	0.05	5.00	20061.2	1000	NA	NA	0.017	NA	NA	1000.4	8.0	95-48-7	5 ppm (22mg/m3/8H)(skin)	ori-rat 121mg/kg
30. 2,4,5-Trichlorophenol	10114	081919	0.05	5.00	20023.2	1000	NA	NA	0.017	NA	NA	1003.0	8.0	106-44-5	5 ppm (22mg/m3/8H)(skin)	ori-rat 207mg/kg
31. 4-Chloroaniline	10115	060512	0.05	5.00	20009.6	1000	NA	NA	0.017	NA	NA	1001.1	8.0	95-95-4	N/A	ori-rat 820mg/kg
32. Dibenzofuran	10115	060512	0.05	5.00	20020.2	1000	NA	NA	0.017	NA	NA	1000.9	8.0	132-64-9	N/A	ori-rat 310mg/kg
33. 2-Methylnaphthalene	10115	060512	0.05	5.00	20012.9	1000	NA	NA	0.017	NA	NA	1000.5	8.1	91-57-6	N/A	ori-rat 1630mg/kg
34. 2-Nitroaniline	10115	060512	0.05	5.00	20011.8	1000	NA	NA	0.017	NA	NA	1000.5	8.0	88-74-4	N/A	ori-rat 1600mg/kg
35. 3-Nitroaniline	10115	060512	0.05	5.00	20018.6	1000	NA	NA	0.017	NA	NA	1000.8	8.0	99-09-2	N/A	ori-rat 535mg/kg
36. 4-Nitroaniline	10115	060512	0.05	5.00	20014.9	1000	NA	NA	0.017	NA	NA	1000.8	8.0	100-01-6	1 ppm (6mg/m3/8H)(skin)	ori-rat 750mg/kg
37. 4-Chloro-3-methylphenol	10118	072120	0.05	5.00	20003.9	1000	NA	NA	0.017	NA	NA	1000.0	8.0	95-57-8	N/A	ori-rat 1830mg/kg
38. 2-Chlorophenol	10118	072120	0.05	5.00	20002.9	1000	NA	NA	0.017	NA	NA	1000.1	8.0	59-50-7	N/A	ori-rat 670mg/kg
39. 2,4-Dichlorophenol	10118	072120	0.05	5.00	20003.1	1000	NA	NA	0.017	NA	NA	1000.0	8.0	120-83-2	N/A	ori-rat 580mg/kg
40. 2,4-Dimethylphenol	10118	072120	0.05	5.00	20001.8	1000	NA	NA	0.017	NA	NA	1000.1	8.1	105-67-9	N/A	ori-rat 3200mg/kg
41. 2,4-Dinitrophenol	10118	072120	0.05	5.00	20002.5	1000	NA	NA	0.017	NA	NA	1000.0	8.0	51-28-5	N/A	ori-rat 30mg/kg
42. 4,6-Dinitro-2-methylphenol	10118	072120	0.05	5.00	20003.7	1000	NA	NA	0.017	NA	NA	1000.0	8.0	88-75-5	N/A	ori-rat 334mg/kg
43. 2-Nitrophenol	10118	072120	0.05	5.00	20002.0	1000	NA	NA	0.017	NA	NA	1000.0	8.0	100-02-7	N/A	ori-rat 250mg/kg
44. 4-Nitrophenol	10118	072120	0.05	5.00	20002.8	1000	NA	NA	0.017	NA	NA	1000.0	8.0	87-86-5	0.5mg/m3/8H (skin)	ori-rat 27mg/kg
45. Pentachlorophenol	10118	072120	0.05	5.00	20003.9	1000	NA	NA	0.017	NA	NA	1000.1	8.0	108-95-2	5 ppm (19mg/m3/8H)(skin)	ori-rat 317mg/kg
46. Phenol	10118	072120	0.05	5.00	20004.2	1000	NA	NA	0.017	NA	NA	1000.5	4.1	83-32-9	N/A	ori-rat 820mg/kg
47. 2,4,6-Trichlorophenol	10118	072120	0.05	5.00	20001.2	1000	NA	NA	0.018	NA	NA	1000.0	4.2	208-96-8	N/A	ori-rat 800mg/kg
48. Acenaphthene	1007	042420	0.50	50.00	2001.2	1000	NA	NA	0.018	NA	NA	1000.1	4.1	120-12-7	0.2mg/m3 (8H)	ori-rat 430mg/kg
49. Acenaphthylene	1007	042420	0.50	50.00	2000.2	1000	NA	NA	0.018	NA	NA	1000.6	4.2	56-55-3	N/A	ori-rat 50mg/kg
50. Anthracene	1007	042420	0.50	50.00	2000.3	1000	NA	NA	0.018	NA	NA	999.9	4.1	50-32-8	0.2mg/m3 (8H)	ori-rat 50mg/kg
51. Benzo(a)anthracene	1007	042420	0.50	50.00	2000.2	1000	NA	NA	0.018	NA	NA	1000.4	4.1	205-99-2	N/A	ori-rat 50mg/kg
52. Benzo(a)pyrene	1007	042420	0.50	50.00	2000.3	1000	NA	NA	0.018	NA	NA	1000.5	4.1	207-08-9	N/A	ori-rat 50mg/kg
53. Benzo(b)fluoranthene	1007	042420	0.50	50.00	2000.3	1000	NA	NA	0.018	NA	NA	1000.4	4.1	191-24-2	N/A	ori-rat 200mg/kg
54. Benzo(k)fluoranthene	1007	042420	0.50	50.00	2000.8	1000	NA	NA	0.018	NA	NA	1000.3	4.2	86-74-8	N/A	ori-rat 200mg/kg
55. Benzo(g,h)perylene	1007	042420	0.50	50.00	2000.8	1000	NA	NA	0.018	NA	NA	1000.3	4.2	218-01-9	0.2mg/m3	ori-rat 200mg/kg
56. Carbazole	1007	042420	0.50	50.00	2000.3	1000	NA	NA	0.018	NA	NA	1000.3	4.2	53-70-3	0.2mg/m3	ori-rat 200mg/kg
57. Chrysene	1007	042420	0.50	50.00	2000.9	1000	NA	NA	0.018	NA	NA	1000.1	4.2	206-44-0	N/A	ori-rat 2000mg/kg
58. Dibenzo(a,h)anthracene	1007	042420	0.50	50.00	2000.9	1000	NA	NA	0.018	NA	NA	1000.4	4.1	193-39-5	N/A	ori-rat 490mg/kg
59. Fluoranthene	1007	042420	0.50	50.00	2000.9	1000	NA	NA	0.018	NA	NA	1000.4	4.1	91-20-3	10 ppm (50mg/m3/8H)	ori-rat 490mg/kg
60. Fluorene	1007	042420	0.50	50.00	2000.9	1000	NA	NA	0.018	NA	NA	1000.4	4.1	85-01-8	0.2mg/m3/8H	



Method GC8MSD-2.M: Column:SBB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (14 min.), Rate = 10°C/min., Injector B = 250°C, Detector B = 290°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by Melissa Stonier.



Peak No	Name	MSD RT (min.)
1	N-nitrosodimethylamine	2.67
2	Phenol	6.05
3	bis(2-Chloroethyl)ether	6.20
4	2-Chlorophenol	6.26
5	1,3-Dichlorobenzene	6.55
6	1,4-Dichlorobenzene	6.63
7	1,2-Dichlorobenzene	7.04
8	o-Cresol (2-methylphenol)	7.29
9	bis(2-Chloroisopropyl)ether	7.34
10	p-Cresol (4-methylphenol)/N-nitrosodi-n-propylamine	7.63
11	Hexachloroethane	7.70
12	Nitrobenzene	7.92
13	Isophorone	8.49
14	2-Nitrophenol	8.66
15	2,4-Dimethylphenol	8.84
16	bis(2-Chloroethoxy)methane	9.07
17	2,4-Dichlorophenol	9.22
18	1,2,4-Trichlorobenzene	9.41
19	Naphthalene	9.54
20	4-Chloroaniline	9.76
21	Hexachloro-1,3-Butadiene	10.03
22	4-Chloro-3-methylphenol	11.02
23	2-Methylnaphthalene	11.24
24	Hexachlorocyclopentadiene	11.84
25	2,4,6-Trichlorophenol	12.13
26	2,4,5-Trichlorophenol	12.45
27	2-Chloronaphthalene	12.84
28	2-Nitroaniline	13.45
29	Dimethyl phthalate	13.50
30	Acenaphthylene	13.59
31	2,6-Dinitrotoluene	13.91
32	3-Nitroaniline	13.99
33	Acenaphthene	14.16
34	2,4-Dinitrophenol	14.40
35	Dibenzofuran/4-Nitrophenol	14.57
36	2,4-Dinitrotoluene	15.27
37	Diethyl phthalate/fluorene	15.33
38	4-Chlorophenyl phenyl ether	15.52
39	4-Nitroaniline	15.60
40	4,6-Dinitro-2-methylphenol	15.73
41	Azobenzene	16.56
42	4-Bromophenyl phenyl ether	16.89
43	Hexachlorobenzene	17.70
44	Pentachlorophenol	17.82
45	Phenanthrene	18.27
46	Anthracene	19.45
47	Carbazole	20.75
48	Di-n-butyl phthalate	21.31
49	Fluoranthene	23.23
50	Pyrene	24.40
51	Benzyl butyl phthalate	24.51
52	Benzo(a)anthracene	24.82
53	Chrysene	26.30
54	bis(2-Ethylhexyl)phthalate	27.07
55	Di-n-octyl phthalate	27.15
56	Benzo(b)fluoranthene	27.92
57	Benzo(k)fluoranthene	31.68
58	Benzo(a)pyrene	32.61
59	Indeno(1,2,3-cd)pyrene/Dibenz(a,h)anthracene	
60	Benzo(g,h,i)perylene	



# CERTIFIED REFERENCE MATERIAL

110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: (800)356-1688  
Fax: (814)353-1309

www.restek.com

## Certificate of Analysis



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

Catalog No. : 31086

Lot No.: A0175748

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL

Pkg Amt: > 5 mL

Expiration Date : July 31, 2027

Storage: 10°C or colder

Handling: Sonicate prior to use.

Ship: Ambient

ID #: **14431**

Opened: \_\_\_\_\_

B/N Surrogate Mix (4/89 SOW)

Expires: **7/31/2027**

Rec'd: 10/25/2021

Energx Laboratories Inc. 1120 So. 27th Street  
Billings MT 59107

### CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Nitrobenzene-d5 CAS # 4165-60-0 Purity 99% (Lot PR-29940A)	5,027.3 µg/mL	+/- 29.2293 µg/mL	Gravimetric
			+/- 226.4341 µg/mL	Unstressed
			+/- 251.2566 µg/mL	Stressed
2	2-Fluorobiphenyl CAS # 321-60-8 Purity 99% (Lot 00019169)	5,001.1 µg/mL	+/- 29.0767 µg/mL	Gravimetric
			+/- 225.2518 µg/mL	Unstressed
			+/- 249.9447 µg/mL	Stressed
3	p-Terphenyl-d14 CAS # 1718-51-0 Purity 99% (Lot PR-30504)	5,001.4 µg/mL	+/- 29.0787 µg/mL	Gravimetric
			+/- 225.2668 µg/mL	Unstressed
			+/- 249.9613 µg/mL	Stressed

Solvent: Methylene chloride  
CAS # 75-09-2  
Purity 99%

#### Tech Tips:

Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

**Column:**

30m x 0.25mm x 0.25µm  
Rtx-5 (cat.#10223)

**Carrier Gas:**

hydrogen-constant pressure 10 psi.

**Temp. Program:**

40°C (hold 2 min.) to 330°C  
@ 10°C/min. (hold 10 min.)

**Inj. Temp:**

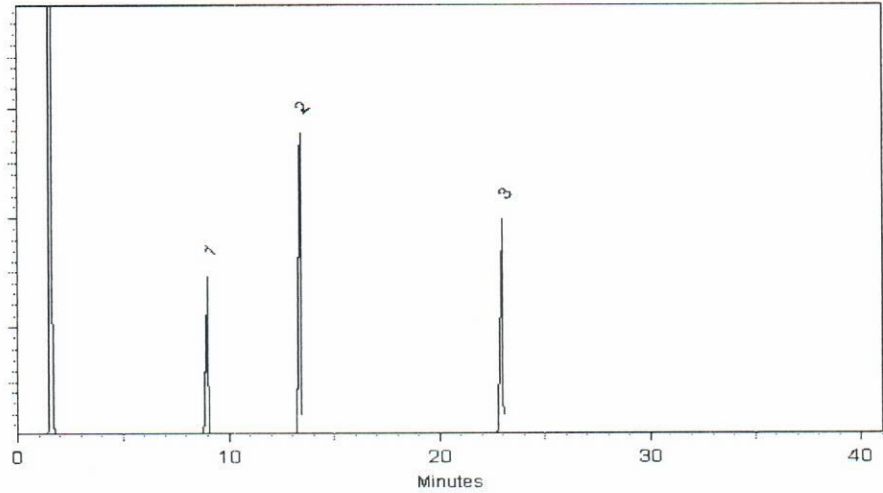
250°C

**Det. Temp:**

330°C

**Det. Type:**

FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

*Sam Moodler*  
Sam Moodler - Operations Tech I

Date Mixed: 25-Aug-2021

Balance: B345965662

*Marline Cowan*  
Marline Cowan - Operations Tech I

Date Passed: 27-Aug-2021

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397



**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k \sqrt{U_{gravimetric}^2 + U_{homogeneity}^2 + U_{storage\ stability}^2 + U_{shipping\ stability}^2}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at [www.restek.com/Contact-Us](http://www.restek.com/Contact-Us) for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at [www.restek.com/Contact-Us](http://www.restek.com/Contact-Us).
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

# CERTIFICATE OF ANALYSIS

**Catalog No:** CLP-AS-10X  
**Description:** Acid Surrogate  
**Lot:** 220031065  
**Solvent:** Methanol  
**Hazards:** Refer to SDS for complete safety information

**Date Certified:** Mar 6, 2020  
**Expiration:** Mar 6, 2023  
**Sample Size:** 1 mL  
**Components:** 3  
**Storage Condition:** Ambient (>5 °C)



Signal Word: Danger

## Certified Reference Material



Component	CAS #	Purity % (GC/MS)	Prepared Concentration <sup>2</sup> (mg/mL)	Certified Analyte Concentration <sup>1</sup> (mg/mL)
2-Fluorophenol	367-12-4	99.8	20.20	20.16
Phenol-d5	4165-62-2	99.9	20.05	20.03
2,4,6-Tribromophenol	118-79-6	99.9	20.19	20.17

**ID #: 14527**  
Opened: \_\_\_\_\_  
Acid Surrogate  
**Expires: 3/6/2023**  
Rec'd: 11/17/2021  
Energy Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

<sup>2</sup> All weights are traceable through NIST, Test No. 684/289871-17

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is  $\pm 2.4\%$ . This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: 

Larry Decker, Organic QC Manager



# Analytical RunID SV5975.I\_220114A Standards Traceability Report

**Spike ID:** sv100210

**Spike Name:** BNA 2nd source 200ug/mL

**Prep Date:** 3/22/2021

**Exp Date:** 1/15/2022

**Department:** GCMSSEMI

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:**

**Type:** Secondary

**Prep By:** John P. Heine

**Status:**

**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Dichloromethane EA342	<a href="#">13510</a>	540	uL	1/15/2022

Stock Source	Base Units	Amount Added
sv83409	ug/mL	0.1 mL
sv82908	ug/mL	0.02 mL
sv83008	ug/mL	0.1 mL
sv83408	ug/mL	0.2 mL
sv83407	ug/mL	0.04 mL



# Analytical RunID SV5975.I\_220114A Standards Traceability Report

**Spike ID:** sv100418

**Spike Name:** BNA mix 200 ug/mL

**Prep Date:** 6/2/2021

**Exp Date:** 3/31/2022

**Department:** GCMSSEMI

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:**

**Type:** Secondary

**Prep By:** John P. Heine

**Status:** New

**Final Volume:** 1.5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Dichloromethane EA342	<a href="#">13510</a>	0.51	mL	3/31/2022

Stock Source	Base Units	Amount Added
sv82908	ug/mL	0.03 mL
sv83301	ug/mL	0.15 mL
sv83120	ug/mL	0.15 mL
sv83419	ug/mL	0.15 mL
sv82917	ug/mL	0.15 mL
sv83410	ug/mL	0.15 mL
sv83407	ug/mL	0.06 mL
sv83201	ug/mL	0.15 mL



# Analytical RunID SV5975.I\_220114A Standards Traceability Report

**Spike ID:** sv100506

**Spike Name:** BNA low 50 ug/mL

**Prep Date:** 6/2/2021

**Exp Date:** 3/31/2022

**Department:** GCMSSEMI

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:**

**Type:** Secondary

**Prep By:** John P. Heine

**Status:** New

**Final Volume:** 0.8 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Dichloromethane EA342	<a href="#">13510</a>	0.6	mL	3/31/2022

Stock Source	Base Units	Amount Added
sv100418	ug/mL	0.2 mL



# Analytical RunID SV5975.I\_220114A Standards Traceability Report

**Spike ID:** sv100703

**Spike Name:** BNA Internals 2000 ug/mL

**Prep Date:** 12/9/2021

**Exp Date:** 5/31/2022

**Department:** GCMSSEMI

**Vendor:** Chemservice

**Lot Number:** 8443500

**Balance ID:**

**Comments:**

**Type:** Secondary

**Prep By:** John P. Heine

**Status:** New

**Final Volume:** 2.12 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Dichloromethane EA342	<a href="#">13510</a>	1.06	mL	5/31/2022

Stock Source	Base Units	Amount Added
sv83403	ug/mL	1.06 mL



# Analytical RunID SV5975.I\_220114A Standards Traceability Report

**Spike ID:** sv82908

**Spike Name:** AE surr

**Prep Date:** 4/10/2019

**Exp Date:** 3/31/2022

**Department:** GCMSSEMI

**Vendor:** Sigma-Aldrich

**Lot Number:** LRAC2239

**Balance ID:**

**Comments:**

**Type:** Primary

**Prep By:** Sean McGrew

**Status:** New

**Final Volume:** mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
EPA 8270 Acids Surrogate Spike Mix HC	<a href="#">11383</a>		mL	3/31/2022
Stock Source	Base Units	Amount Added		



# Analytical RunID SV5975.I\_220114A Standards Traceability Report

**Spike ID:** sv83008

**Spike Name:** Benzidines

**Prep Date:** 8/6/2019

**Exp Date:** 12/21/2022

**Department:** GCMSSEMI

**Vendor:** AccuStandard

**Lot Number:** 218121353

**Balance ID:**

**Comments:** 11742

**Type:** Primary

**Prep By:** Sean McGrew

**Status:** New

**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
				12/21/2022
Stock Source	Base Units	Amount Added		





# Analytical RunID SV5975.I\_220114A Standards Traceability Report

**Spike ID:** sv83403

**Spike Name:** BNA Internals 4000ug/mL

**Prep Date:** 12/29/2020

**Exp Date:** 5/31/2022

**Department:** GCMSSEMI

**Vendor:** Chemservice

**Lot Number:** 10051700

**Balance ID:**

**Comments:**

**Type:** Primary

**Prep By:** John P. Heine

**Status:** New

**Final Volume:** 8 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Mixture #8-Internal Standards	<a href="#">13372</a>	8	mL	5/31/2022
Stock Source	Base Units	Amount Added		



# Analytical RunID SV5975.I\_220114A Standards Traceability Report

**Standard ID:** sv83407

**Standard Name:** BN Surr 5000 ug/mL

**Prep Date:** 12/14/2020

**Exp Date:** 10/31/2026

**Department:** GCMSSEMI

**Vendor:** Restek

**Lot Number:** A0166081

**Balance ID:**

**Comments:**

**Type:** Primary

**Prep By:** John P. Heine

**Status:** New

**Final Volume:** 5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
B/N Surrogate Mix (4/89 SOW)	<a href="#">13328</a>	1	mL	10/31/2026
Stock Source	Base Units	Amount Added		



# Analytical RunID SV5975.I\_220114A Standards Traceability Report

**Spike ID:** sv83408

**Spike Name:** 625 LCS Spk

**Prep Date:** 2/9/2021

**Exp Date:** 2/2/2026

**Department:** GCMSPR

**Vendor:** Absolute Standards

**Lot Number:** 050120

**Balance ID:**

**Comments:** 12x1mL ampules

**Type:** Primary

**Prep By:** Ryan F. Benge

**Status:** Open

**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
CLP Semi-Volatiel Calibration Standard	<a href="#">13539</a>	1	mL	2/2/2026

Stock Source	Base Units	Amount Added
--------------	------------	--------------



# Analytical RunID SV5975.I\_220114A Standards Traceability Report

**Standard ID:** sv83409

**Standard Name:** Additional

**Prep Date:** 3/18/2021

**Exp Date:** 1/15/2022

**Department:** GCMSPR

**Vendor:** AccuStandard

**Lot Number:** 220021255

**Balance ID:**

**Comments:** 10x1 mL ampules 2000 ug/mL

**Type:** Primary

**Prep By:** Ryan F. Bengel

**Status:**

**Final Volume:** mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Custom Semi-Volatile Standard	<a href="#">13342</a>	1	mL	1/15/2022

Stock Source	Base Units	Amount Added
--------------	------------	--------------

# CERTIFICATE OF ANALYSIS

**Catalog No:** S-14500-R2  
**Description:** Custom Semi-Volatile Standard  
**Lot:** 220021255-01  
**Solvent:** Dichloromethane  
**Hazards:** Refer to SDS for complete safety information

**Date Certified:** Dec 15, 2020  
**Expiration:** Jan 15, 2022  
**Sample Size:** 1 mL  
**Components:** 10  
**Storage Condition:** Freeze (<-10 °C)/Sonicate



## Certified Reference Material



Component	CAS #	Purity % (GC/MS)	Prepared Concentration <sup>2</sup> (µg/mL)	Certified Analyte Concentration <sup>1</sup> (µg/mL)
Pyridine	110-86-1	98.7	2026	2000
4-Chlorophenol	106-48-9	100.0	2019	2019
1-Methylnaphthalene	90-12-0	98.5	2003	1973
N-Nitrosodiphenylamine	86-30-6	100.0	2022	2022
4-Chloro-2-methylphenol	1570-64-5	97.0	2069*	2007
Benzoic acid	65-85-0	99.5	2010	2000
Aniline	62-53-3	98.0	2002	1962
Benzyl alcohol	100-51-6	99.9	2011	2009
Triallate	2303-17-5	99.9	2013	2011
o-Terphenyl	84-15-1	99.9	2019	2017

**ID #: 13342**

Opened: \_\_\_\_\_

Custom Semi-Volatile Standard

**Expires: 1/15/2022**

Rec'd: 12/17/2020

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Billings MT 59107

\* Weight compensated to 100% purity.

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

<sup>2</sup> All weights are traceable through NIST, Test No. 684/289871-17

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is  $\pm 2.4\%$ . This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: \_\_\_\_\_

Larry Decker, Organic QC Manager

# Certificate of Analysis

EPA 8270 ACIDS SURROGATE SPIKE MIX  
HC,1X1ML,10MG/ML,METHANOL

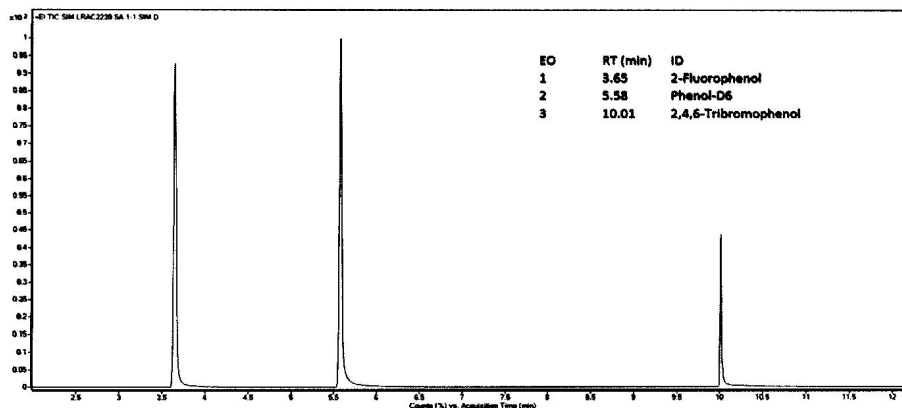
*Certified  
Reference  
Material*

## Description

Product ID 47260-U  
Lot LRAC2239  
Expiration Date March 2022  
Manufacturing Date March 2019  
Storage Conditions Room Temperature  
Solvent/Matrix METHANOL

## Certified Values

Analyte	Units	Certified Value <sup>1,4</sup>	Raw Material Purity,%	Analytical Value	Elution order	Raw Material Lot	CAS
2-FLUOROPHENOL	µg/mL	9930 ± 288	99.9	10037	1	LB92543	367-12-4
PHENOL-D6	µg/mL	9930 ± 290	99.4	9900	2	LB91168	13127-88-3
2,4,6-TRIBROMOPHENOL	µg/mL	9930 ± 318	99.7	9900	3	LB81262	118-79-6



## Additional Information:

Analytical Method Parameters:

Column: SLB-5MS, 30 m x 0.25 mm x 0.25 µm df , Flow: 1.0 ml/min  
Inlet: 200 °C, Injection Mode: Split, 60:1  
80 °C (5 min) to 250 °C (3 min) at 40 °C /min  
Detector: MSD, SIM, Transfer line: 250 °C  
Injection Volume: 0.5 µL

ID #: 11383

Opened:

EPA 8270 Acids Surrogate Spike Mix HC

Expires: 3/31/2022

Rec'd: 4/10/2019

Energy Laboratories Inc 1120 So. 27th Street  
Billings MT 59107



**SIGMA-ALDRICH**

2831 Soldier Springs Rd. Laramie, Wyoming 82070 USA  
307-742-5452  
rctechgroup@sigma.com www.sigma-aldrich.com



# CERTIFIED REFERENCE MATERIAL

110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: (800)356-1688  
Fax: (814)353-1309

www.restek.com

## Certificate of Analysis



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31086 **Lot No.:** A0166081

**Description :** B/N Surrogate Mix (4/89 SOW)  
Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** October 31, 2026 **Storage:** 10°C or colder

**Handling:** Sonicate prior to use. **Ship:** Ambient

**ID #:** 13328  
**Opened:** \_\_\_\_\_  
**B/N Surrogate Mix (4/89 SOW)**  
**Expires:** 10/31/2026  
**Rec'd:** 12/14/2020  
Enerav Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

### CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Nitrobenzene-d5 CAS # 4165-60-0 (Lot PR-29940B) Purity 99%	5,017.7 µg/mL	+/- 29.1731	µg/mL	Gravimetric
			+/- 225.9987	µg/mL	Unstressed
			+/- 250.7735	µg/mL	Stressed
2	2-Fluorobiphenyl CAS # 321-60-8 (Lot 00019169) Purity 99%	5,049.7 µg/mL	+/- 29.3592	µg/mL	Gravimetric
			+/- 227.4400	µg/mL	Unstressed
			+/- 252.3728	µg/mL	Stressed
3	p-Terphenyl-d14 CAS # 1718-51-0 (Lot PR-27278) Purity 99%	5,029.9 µg/mL	+/- 29.2444	µg/mL	Gravimetric
			+/- 226.5505	µg/mL	Unstressed
			+/- 251.3857	µg/mL	Stressed

**Solvent:** Methylene chloride  
CAS # 75-09-2  
Purity 99%

#### Tech Tips:

Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

**Column:**

30m x 0.25mm x 0.25µm  
Rtx-5 (cat.#10223)

**Carrier Gas:**

hydrogen-constant pressure 10 psi.

**Temp. Program:**

40°C (hold 2 min.) to 330°C  
@ 10°C/min. (hold 10 min.)

**Inj. Temp:**

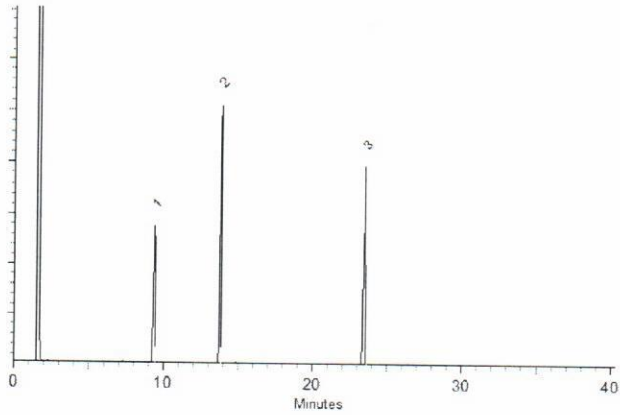
250°C

**Det. Temp:**

330°C

**Det. Type:**

FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dalton Stover - Operations Technician I

Date Mixed: 04-Nov-2020

Balance: 1128353505

Justine Albertson - Operations Tech-ARM QC

Date Passed: 06-Nov-2020

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397



## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k \sqrt{U_{gravimetric}^2 + U_{homogeneity}^2 + U_{storage\ stability}^2 + U_{shipping\ stability}^2}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at [www.restek.com/Contact-Us](http://www.restek.com/Contact-Us) for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at [www.restek.com/Contact-Us](http://www.restek.com/Contact-Us).
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

ID #: 13510

Opened: \_\_\_\_\_

Dichloromethane EA342

Expires: 11/17/2022

Rec'd: 1/26/2021

Energy Laboratories Inc 1120 So 27th Street  
Billings MT 59107

# Honeywell

CERTIFICATE OF ANALYSIS

**Honeywell Burdick & Jackson®**

1953 South Harvey Street  
Muskegon, MI 49442  
Phone: (800) 368-0050  
Fax: (231) 728-8226  
[lab.honeywell.com](http://lab.honeywell.com)

Brand: Research Chemicals - B&J  
Product: CS299AA-200  
Lot No.: EA342  
Production Date: 17-Nov-2020  
Best Before: 17-Nov-2022

Dichloromethane, Custom, Contains Amylene Preservative, >99.9%  
for pesticide residue analysis

Parameter	Specification		Result	Units
	Min.	Max.		
Water by Karl Fischer Titration		0.010	0.0016	%
UV Cutoff		233	230	nm
Refractive Index (20°C)	1.4236	1.4246	1.4241	
Residue		1	<0.5	mg/L
GC Analysis	99.9		>99.99	%
Acidity (as HCl)		1	<1	mg/L
Chloride		10	<10	mg/L
Electron Capture GC		10	<10	ng/L
Flame Ionization GC		5	<5	ppb
UV Absorbance @ 240 nm		0.100	0.0920	AU
UV Absorbance @ 250 nm		0.010	0.0099	AU
UV Absorbance @ 300 nm		0.005	0.0008	AU
UV Absorbance @ 400 nm		0.005	0.0028	AU

Honeywell  
Quality Control Approval

*Janna Dickinson*

Muskegon 11/17/2020 LIMS Sample No.: AL03611

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599  
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729  
[info@chemservice.com](mailto:info@chemservice.com) • [www.chemservice.com](http://www.chemservice.com)

ID #: 13372

Opened:

Mixture #8-Internal Standards

Expires: 5/31/2022

Rec'd: 12/29/2020

Energy Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

## CERTIFICATE OF ANALYSIS

### Mixture #8-Internal Standards

CONCENTRATION 4000ug/ml in Methylene chloride  
CATALOG NUMBER M-PPHC8X12-1ML  
LOT NUMBER 10051700  
DATE CERTIFIED 05/13/20  
EXPIRATION DATE 05/31/22  
STORAGE Store at room temperature (20 - 25 °C).  
HANDLING See Safety Data Sheet  
INTENDED USE For laboratory use only.  
ISO 17034:2016 CERTIFIED [X]

ID	Analyte	CAS	Weight Analyte (mg)	Lot	Purity	Certified Concentration (ug/mL)
N-11000	Acenaphthene-d10	15067-26-2	1005.50	00027326	99.50	4001.9
N-11467	Chrysene-d12	1719-03-5	1012.20	00027327	98.80	4000.2
N-10217	1,4-Dichlorobenzene-d4	3855-82-1	1004.10	00027328	99.50	3996.3
N-12645	Naphthalene-d8	1146-65-2	1006.50	00025577	99.50	4005.9
N-12851	Perylene-d12	1520-96-3	1009.50	00027330	99.50	4017.8
N-12856	Phenanthrene-d10	1517-22-2	1021.10	00027331	99.00	4043.6

#### Analytical Test

CONCENTRATION (GC/FID)

Value

VERIFIED

#### Instructions for Use:

Shake mixture prior to use. If particles are present, sonicate for homogeneity. If sample is diluted to lower concentrations, Class A volumetric glassware must be used.

Minimum Sample Size- 0.2 uL for Direct Injection.

Chem Service Inc. guarantees the expanded uncertainty of the above analytes to be +/- 2.0% of the certified concentrations based on gravimetric preparation. The test results published in this report were obtained using equipment capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). The reported expanded uncertainty of measurement is stated as the combined standard uncertainty of measurement multiplied by the coverage factor k (k=2) such that the coverage probability corresponds to approximately 95%. For certified reference materials, homogeneity and thermal stability testing are available upon request.

Certified By:

*Mary Beth O'Donnell*

Mary Beth O'Donnell  
CSM/TC

Chem Service is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015



COA Form  
Revision 3 (3/2015)

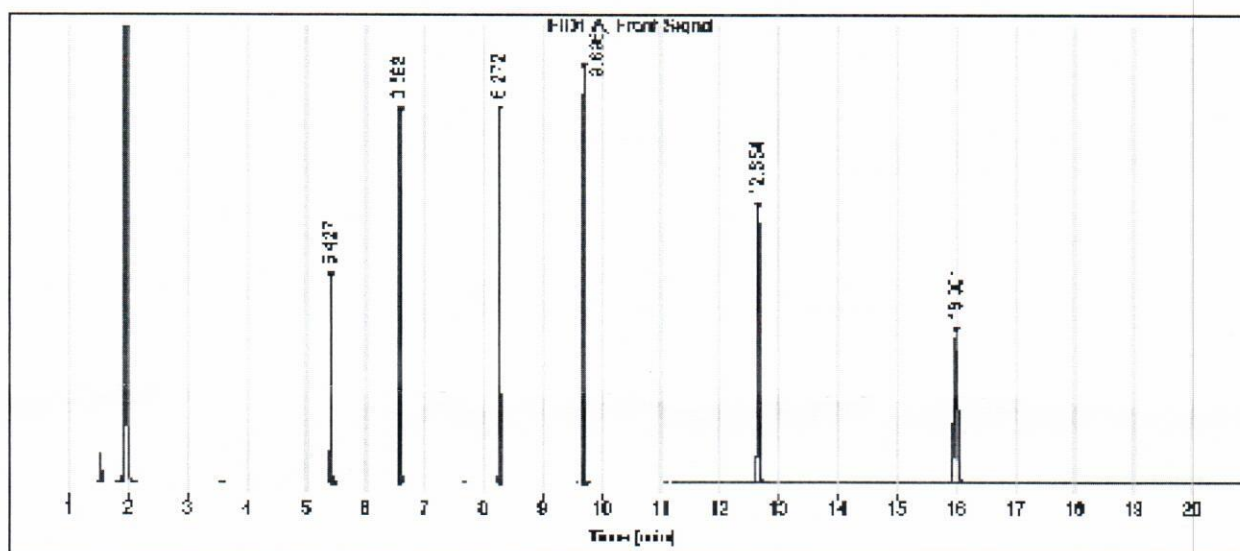
660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599  
 1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729  
[info@chemservice.com](mailto:info@chemservice.com) • [www.chemservice.com](http://www.chemservice.com)

Gas

Data file: C:\CHEM3\  
 Sample name: M-PPCH8X  
 Instrument: GC 2  
 Injection date: 5/13/2020 8:56:25 AM  
 Acq. method: M-PPHC8X12.M  
 Column name: HP-5

## CERTIFICATE OF ANALYSIS

Sample type: Sample  
 Location: Vial 3  
 Injection volume: 1.0uL



Signal: FID1 A, Front Signal

RT [min]	Type	Width [min]	Area	Height	Area%
5.427	BB	0.0181	1240.1130	1041.0874	8.36
6.593	BB	0.0189	2274.8877	1876.2654	15.33
8.272	BB	0.0196	2371.0022	1888.8049	15.98
9.696	BV	0.0197	2694.9399	2106.0442	18.16
12.654	BB	0.0330	2999.0918	1397.3110	20.21
16.001	BB	0.0562	3260.5679	751.0330	21.97
		Sum	14840.6025		

Chem Service is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015





**CERTIFIED WEIGHT REPORT**

**Part Number: 92180**  
**Lot Number: 020221**  
**Description: CLP Semi-Volatile Calibration Standard**  
64 components  
**Expiration Date: 020228**  
**Recommended Storage: Freezer (0 °C)**  
**Nominal Concentration (µg/mL): 1000**  
**NIST Test ID#: 23060**

**Solvent: Methylene chloride**  
**Lot#: 104929**

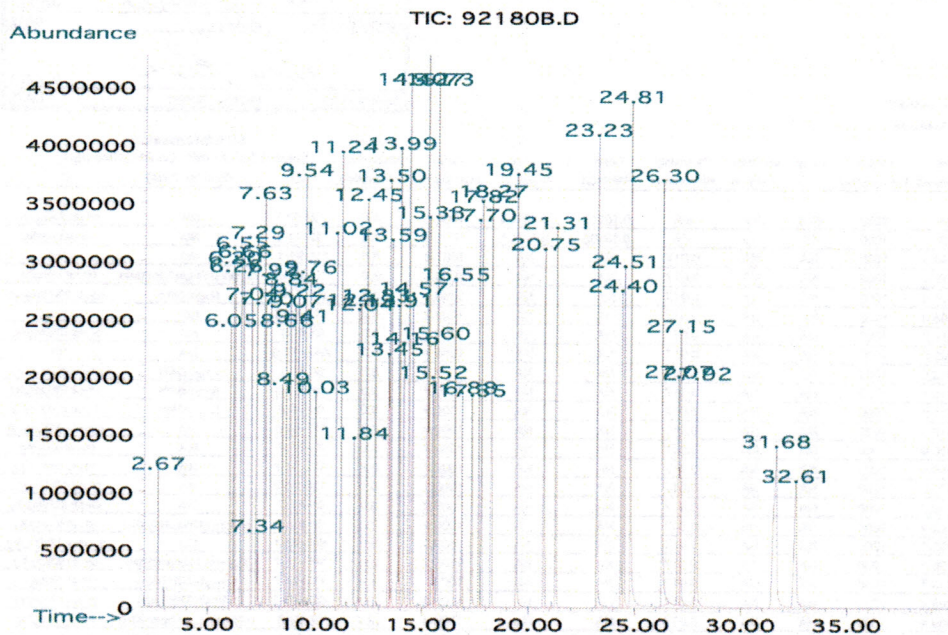
*Eli Aliaga* 020221  
**Formulated By: Eli Aliaga** **DATE**  
*Pedro L. Rentas* 020221  
**Reviewed By: Pedro L. Rentas** **DATE**

Weight(s) shown below were combined and diluted to (mL): 100.0 0.003 Balance Uncertainty 5E-05 Flask Uncertainty

Compound	(RM#)	Lot	Dil.	Initial	Initial	Nominal	Purity	Uncertainty	Uncertainty	Target	Actual	Actual	Expanded			SDS Information		
													Uncertainty	(Solvent Safety Info. On Attached pg.)	CAS#	OSHA PEL (TWA)	LD50	
	Part Number	Number	Factor	Vol. (mL)	Conc.(µg/mL)	Conc (µg/mL)	(%)	Purity (%)	Pipette (mL)	Weight(g)	Weight(g)	Conc (µg/mL)	(+/-) (µg/mL)					
1. 2,2'-Oxybis(1-chloropropane)	(0078)	012016AR	NA	NA	NA	1000	98.9	0.2	NA	0.10112	0.10135	1002.3	4.2	108-60-1	NA	ori-rat 240mg/kg		
2. Hexachlorobenzene	(0195)	051897	NA	NA	NA	1000	99	0.2	NA	0.10102	0.10121	1001.9	4.2	118-74-1	NA	ori-rat 10g/kg		
3. bis(2-Chloroethoxy) methane	10111	011214	0.05	5.00	20018.4	1000	NA	NA	0.017	NA	NA	1000.8	8.0	111-91-1	NA	N/A		
4. bis(2-Chloroethyl) ether	10111	011214	0.05	5.00	20012.4	1000	NA	NA	0.017	NA	NA	1000.5	8.0	111-44-4	15 ppm (90mg/m3/8H)(skin)	ori-rat 75mg/kg		
5. bis(2-Ethylhexyl) phthalate	10111	011214	0.05	5.00	20014.3	1000	NA	NA	0.017	NA	NA	1000.6	8.0	117-81-7	5mg/m3/8H	ori-rat 3060mg/kg		
6. 4-Bromophenyl phenyl ether	10111	011214	0.05	5.00	20008.8	1000	NA	NA	0.017	NA	NA	1000.3	8.0	101-55-3	NA	N/A		
7. Benzyl butyl phthalate	10111	011214	0.05	5.00	20011.3	1000	NA	NA	0.017	NA	NA	1000.5	8.0	85-68-7	NA	ori-rat 2330mg/kg		
8. 4-Chlorophenyl phenyl ether	10111	011214	0.05	5.00	20009.5	1000	NA	NA	0.017	NA	NA	1000.4	8.0	7005-72-3	NA	N/A		
9. Diethyl phthalate	10111	011214	0.05	5.00	20013.6	1000	NA	NA	0.017	NA	NA	1000.6	8.0	84-66-2	5mg/m3/8H	ori-rat 8600mg/kg		
10. Dimethyl phthalate	10111	011214	0.05	5.00	20015.7	1000	NA	NA	0.017	NA	NA	1000.7	8.0	131-11-3	5mg/m3/8H	ori-rat 6800mg/kg		
11. Di-n-butyl phthalate	10111	011214	0.05	5.00	20011.6	1000	NA	NA	0.017	NA	NA	1000.5	8.0	84-74-2	5mg/m3/8H	ori-rat 8000mg/kg		
12. Di-n-octyl phthalate	10111	011214	0.05	5.00	20012.2	1000	NA	NA	0.017	NA	NA	1000.5	8.0	117-84-0	NA	ori-rat 4700mg/kg		
13. N-Nitrosodimethylamine	10111	011214	0.05	5.00	20010.0	1000	NA	NA	0.017	NA	NA	1000.4	8.0	62-75-9	NA	ori-rat 58mg/kg		
14. N-Nitrosodi-n-propylamine	10111	011214	0.05	5.00	20010.5	1000	NA	NA	0.017	NA	NA	1000.4	8.0	621-64-7	NA	ori-rat 460mg/kg		
15. 1,2-Diphenylhydrazine (as Azobenzene)	10112	042820	0.05	5.00	20003.9	1000	NA	NA	0.017	NA	NA	1000.1	8.1	103-33-3	NA	ori-rat 1000mg/kg		
16. 2-Chloronaphthalene	10112	042820	0.05	5.00	20002.3	1000	NA	NA	0.017	NA	NA	1000.0	8.0	91-58-7	NA	ori-rat 2078mg/kg		
17. 1,2-Dichlorobenzene	10112	042820	0.05	5.00	20005.4	1000	NA	NA	0.017	NA	NA	1000.2	8.0	95-50-1	50 ppm (300mg/m3) (CL)	ori-rat 500mg/kg		
18. 1,3-Dichlorobenzene	10112	042820	0.05	5.00	20009.7	1000	NA	NA	0.017	NA	NA	1000.1	8.0	541-73-1	NA	ipr-mus 1062mg/kg		
19. 1,4-Dichlorobenzene	10112	042820	0.05	5.00	20005.4	1000	NA	NA	0.017	NA	NA	1000.2	8.0	108-46-7	75 ppm (450mg/m3/8H)	ori-rat 500mg/kg		
20. 2,4-Dinitrotoluene	10112	042820	0.05	5.00	20003.3	1000	NA	NA	0.017	NA	NA	1000.1	8.1	121-14-2	1.5mg/m3/8H (skin)	ori-rat 268mg/kg		
21. 2,6-Dinitrotoluene	10112	042820	0.05	5.00	20002.4	1000	NA	NA	0.017	NA	NA	1000.0	8.0	606-20-2	1.5mg/m3/8H (skin)	ori-rat 177mg/kg		
22. Hexachloro-1,3-butadiene	10112	042820	0.05	5.00	20009.4	1000	NA	NA	0.017	NA	NA	1000.4	12.4	87-68-3	0.02 ppm (0.24mg/m3/8H)	ori-rat 82mg/kg		
23. Hexachlorocyclopentadiene	10112	042820	0.05	5.00	20001.8	1000	NA	NA	0.017	NA	NA	1000.0	8.0	77-47-4	0.01 ppm (0.1mg/m3/8H)	ori-rat 1300mg/kg		
24. Hexachloroethane	10112	042820	0.05	5.00	20002.4	1000	NA	NA	0.017	NA	NA	1000.0	8.0	67-72-1	1 ppm (10mg/m3/8H)(skin)	ori-ggq 4070mg/kg		
25. Isophorone	10112	042820	0.05	5.00	20003.8	1000	NA	NA	0.017	NA	NA	1000.1	8.1	78-59-1	25 ppm	ori-rat 2330mg/kg		
26. Nitrobenzene	10112	042820	0.05	5.00	20004.9	1000	NA	NA	0.017	NA	NA	1000.1	8.0	98-95-3	1 ppm (8mg/m3/8H)(skin)	ori-rat 780mg/kg		
27. 1,2,4-Trichlorobenzene	10112	042820	0.05	5.00	20002.0	1000	NA	NA	0.017	NA	NA	1000.0	8.0	120-82-1	5 ppm (CL) (40mg/m3)	ori-rat 758mg/kg		
28. o-Cresol (2-Methylphenol)	10114	081919	0.05	5.00	20010.2	1000	NA	NA	0.017	NA	NA	1000.4	8.0	95-48-7	5 ppm (22mg/m3/8H)(skin)	ori-rat 121mg/kg		
29. p-Cresol (4-Methylphenol)	10114	081919	0.05	5.00	20061.2	1000	NA	NA	0.017	NA	NA	1003.0	8.0	106-44-5	5 ppm (22mg/m3/8H)(skin)	ori-rat 207mg/kg		
30. 2,4,5-Trichlorophenol	10114	081919	0.05	5.00	20023.2	1000	NA	NA	0.017	NA	NA	1001.1	8.0	95-95-4	NA	ori-rat 820mg/kg		
31. 4-Chloroaniline	10115	080512	0.05	5.00	20009.6	1000	NA	NA	0.017	NA	NA	1000.4	8.0	106-47-8	NA	ori-rat 310mg/kg		
32. Dibenzofuran	10115	080512	0.05	5.00	20020.2	1000	NA	NA	0.017	NA	NA	1000.9	8.0	132-64-9	NA	N/A		
33. 2-Methylnaphthalene	10115	080512	0.05	5.00	20012.9	1000	NA	NA	0.017	NA	NA	1000.5	8.1	91-57-6	NA	ori-rat 1630mg/kg		
34. 2-Nitroaniline	10115	080512	0.05	5.00	20011.8	1000	NA	NA	0.017	NA	NA	1000.5	8.0	88-74-4	NA	ori-rat 1600mg/kg		
35. 3-Nitroaniline	10115	080512	0.05	5.00	20018.6	1000	NA	NA	0.017	NA	NA	1000.8	8.0	99-09-2	NA	ori-rat 535mg/kg		
36. 4-Nitroaniline	10115	080512	0.05	5.00	20014.9	1000	NA	NA	0.017	NA	NA	1000.6	8.0	100-01-6	1 ppm (8mg/m3/8H)(skin)	ori-rat 750mg/kg		
37. 4-Chloro-3-methylphenol	10118	072120	0.05	5.00	20003.9	1000	NA	NA	0.017	NA	NA	1000.1	8.0	59-50-7	NA	ori-rat 1830mg/kg		
38. 2-Chlorophenol	10118	072120	0.05	5.00	20002.9	1000	NA	NA	0.017	NA	NA	1000.0	8.0	95-57-8	NA	ori-rat 670mg/kg		
39. 2,4-Dichlorophenol	10118	072120	0.05	5.00	20003.1	1000	NA	NA	0.017	NA	NA	1000.1	8.0	120-83-2	NA	ori-rat 590mg/kg		
40. 2,4-Dimethylphenol	10118	072120	0.05	5.00	20003.3	1000	NA	NA	0.017	NA	NA	1000.1	8.1	105-67-9	NA	ori-rat 3200mg/kg		
41. 2,4-Dinitrophenol	10118	072120	0.05	5.00	20001.8	1000	NA	NA	0.017	NA	NA	1000.0	8.0	51-28-5	NA	ori-rat 30mg/kg		
42. 4,6-Dinitro-2-methylphenol	10118	072120	0.05	5.00	20002.5	1000	NA	NA	0.017	NA	NA	1000.0	8.0	534-52-1	NA	N/A		
43. 2-Nitrophenol	10118	072120	0.05	5.00	20003.7	1000	NA	NA	0.017	NA	NA	1000.1	8.0	88-75-5	NA	ori-rat 334mg/kg		
44. 4-Nitrophenol	10118	072120	0.05	5.00	20002.0	1000	NA	NA	0.017	NA	NA	1000.0	8.0	100-02-7	NA	ori-rat 250mg/kg		
45. Pentachlorophenol	10118	072120	0.05	5.00	20002.8	1000	NA	NA	0.017	NA	NA	1000.0	8.0	87-86-5	0.5mg/m3/8H (skin)	ori-rat 27mg/kg		
46. Phenol	10118	072120	0.05	5.00	20003.9	1000	NA	NA	0.017	NA	NA	1000.1	8.0	108-95-2	5 ppm (18mg/m3/8H)(skin)	ori-rat 317mg/kg		
47. 2,4,6-Trichlorophenol	10118	072120	0.05	5.00	20004.2	1000	NA	NA	0.017	NA	NA	1000.1	8.0	88-06-2	NA	ori-rat 820mg/kg		
48. Acenaphthene	10007	042420	0.50	50.00	2001.2	1000	NA	NA	0.018	NA	NA	1000.5	4.1	83-32-9	NA	ipr-rat 600mg/kg		
49. Acenaphthylene	10007	042420	0.50	50.00	2000.2	1000	NA	NA	0.018	NA	NA	1000.0	4.2	208-96-8	NA	N/A		
50. Anthracene	10007	042420	0.50	50.00	2000.3	1000	NA	NA	0.018	NA	NA	1000.1	4.1	120-12-7	0.2mg/m3 (8H)	ipr-mus 430mg/kg		
51. Benzo(a)anthracene	10007	042420	0.50	50.00	2001.3	1000	NA	NA	0.018	NA	NA	1000.6	4.2	56-55-3	NA	N/A		
52. Benzo(a)pyrene	10007	042420	0.50	50.00	2000.0	1000	NA	NA	0.018	NA	NA	999.9	4.1	50-32-8	0.2mg/m3 (8H)	scu-rat 50mg/kg		
53. Benzo(b)fluoranthene	10007	042420	0.50	50.00	2000.9	1000	NA	NA	0.018	NA	NA	1000.4	4.1	205-99-2	NA	N/A		
54. Benzo(k)fluoranthene	10007	042420	0.50	50.00	2001.2	1000	NA	NA	0.018	NA	NA	1000.5	4.1	207-08-9	NA	N/A		
55. Benzo(g,h,i)perylene	10007	042420	0.50	50.00	2000.0	1000	NA	NA	0.018	NA	NA	999.9	4.1	191-24-2	NA	N/A		
56. Carbazole	10007	042420	0.50	50.00	2000.3	1000	NA	NA	0.018	NA	NA	1000.0	4.2	86-74-8	NA	ipr-mus 200mg/kg		
57. Chrysene	10007	042420	0.50	50.00	2000.8	1000	NA	NA	0.018	NA	NA	1000.3	4.2	218-01-9	0.2mg/m3	N/A		
58. Dibenzo(a,h)anthracene	10007	042420	0.50	50.00	2000.8	1000	NA	NA	0.018	NA	NA	1000.3	4.2	53-70-3	0.2mg/m3	N/A		
59. Fluoranthene	10007	042420	0.50	50.00	2000.3	1000	NA	NA	0.018	NA	NA	1000.1	4.2	206-44-0	NA	ori-rat 2000mg/kg		
60. Fluorene	10007	042420	0.50	50.00	2000.9	1000	NA	NA	0.018	NA	NA	1000.3	4.2	86-73-7	NA	ipr-mus 2 g/kg		
61. Indeno(1,2,3-cd)pyrene	10007	042420	0.50	50.00	2000.1	1000	NA	NA	0.018	NA	NA	1000.0	4.1	193-39-5	NA	N/A		
62. Naphthalene	10007	042420	0.50	50.00	2000.9	1000	NA	NA	0.018	NA	NA	1000.4	4.1	91-20-3	10 ppm (50mg/m3/8H)	ori-rat 480mg/kg		
63. Phenanthrene	10007	042420	0.50	50.00	2000.9	1000	NA	NA	0.018	NA	NA	1000.4	4.1	85-01-8	0.2mg/m3/8H	ori-mus 700mg/kg		
64. Pyrene	10007	042420	0.50	50.00	2001.0	1000	NA	NA	0.018	NA	NA	1000						



Method GC8MSD-2.M: Column:SBB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (14 min.), Rate = 10°C/min., Injector B= 250°C, Detector B = 290°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by Melissa Stonier.



Peak No	Name	MSD RT (min.)
1	N-nitrosodimethylamine	2.67
2	Phenol	6.05
3	bis(2-Chloroethyl)ether	6.20
4	2-Chlorophenol	6.26
5	1,3-Dichlorobenzene	6.55
6	1,4-Dichlorobenzene	6.63
7	1,2-Dichlorobenzene	7.04
8	o-Cresol (2-methylphenol)	7.29
9	bis(2-Chloroisopropyl)ether	7.34
10	p-Cresol (4-methylphenol)/N-nitrosodi-n-propylamine	7.63
11	Hexachloroethane	7.70
12	Nitrobenzene	7.92
13	Isophorone	8.49
14	2-Nitrophenol	8.66
15	2,4-Dimethylphenol	8.84
16	bis(2-Chloroethoxy)methane	9.07
17	2,4-Dichlorophenol	9.22
18	1,2,4-Trichlorobenzene	9.41
19	Naphthalene	9.54
20	4-Chloroaniline	9.76
21	Hexachloro-1,3-butadiene	10.03
22	4-Chloro-3-methylphenol	11.02
23	2-Methylnaphthalene	11.24
24	Hexachlorocyclopentadiene	11.84
25	2,4,6-Trichlorophenol	12.04
26	2,4,5-Trichlorophenol	12.13
27	2-Chloronaphthalene	12.45
28	2-Nitroaniline	12.84
29	Dimethyl phthalate	13.45
30	Acenaphthylene	13.50
31	2,6-Dinitrotoluene	13.59
32	3-Nitroaniline	13.91
33	Acenaphthene	13.99
34	2,4-Dinitrophenol	14.16
35	Dibenzofuran/4-Nitrophenol	14.40
36	2,4-Dinitrotoluene	14.57
37	Diethyl phthalate/Fluorene	15.27
38	4-Chlorophenyl phenyl ether	15.33
39	4-Nitroaniline	15.52
40	4,6-Dinitro-2-methylphenol	15.60
41	Azobenzene	15.73
42	4-Bromophenyl phenyl ether	16.56
43	Hexachlorobenzene	16.89
44	Pentachlorophenol	13.35
45	Phenanthrene	17.70
46	Anthracene	17.82
47	Carbazole	18.27
48	Di-n-butyl phthalate	19.45
49	Fluoranthene	20.75
50	Pyrene	21.31
51	Benzyl butyl phthalate	23.23
52	Benzo(a)anthracene	24.40
53	Chrysene	24.51
54	bis(2-Ethylhexyl)phthalate	24.82
55	Di-n-octyl phthalate	26.30
56	Benzo(b)fluoranthene	27.07
57	Benzo(k)fluoranthene	27.15
58	Benzo(a)pyrene	27.92
59	Indeno(1,2,3-cd)pyrene/Dibenzo(a,h)anthracene	31.68
60	Benzo(g,h,i)perylene	32.61



# Analytical RunID SV5975.I\_220207A Standards Traceability Report

**Spike ID:** sv100418

**Spike Name:** BNA mix 200 ug/mL

**Prep Date:** 6/2/2021

**Exp Date:** 3/31/2022

**Department:** GCMSSEMI

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:**

**Type:** Secondary

**Prep By:** John P. Heine

**Status:** New

**Final Volume:** 1.5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Dichloromethane EA342	<a href="#">13510</a>	0.51	mL	3/31/2022

Stock Source	Base Units	Amount Added
sv82908	ug/mL	0.03 mL
sv83301	ug/mL	0.15 mL
sv83120	ug/mL	0.15 mL
sv83419	ug/mL	0.15 mL
sv82917	ug/mL	0.15 mL
sv83410	ug/mL	0.15 mL
sv83407	ug/mL	0.06 mL
sv83201	ug/mL	0.15 mL



# Analytical RunID SV5975.I\_220207A Standards Traceability Report

**Spike ID:** sv100506

**Spike Name:** BNA low 50 ug/mL

**Prep Date:** 6/2/2021

**Exp Date:** 3/31/2022

**Department:** GCMSSEMI

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:**

**Type:** Secondary

**Prep By:** John P. Heine

**Status:** New

**Final Volume:** 0.8 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Dichloromethane EA342	<a href="#">13510</a>	0.6	mL	3/31/2022

Stock Source	Base Units	Amount Added
sv100418	ug/mL	0.2 mL





# Analytical RunID SV5975.I\_220207A Standards Traceability Report

**Spike ID:** sv100703

**Spike Name:** BNA Internals 2000 ug/mL

**Prep Date:** 12/9/2021

**Exp Date:** 5/31/2022

**Department:** GCMSSEMI

**Vendor:** Chemservice

**Lot Number:** 8443500

**Balance ID:**

**Comments:**

**Type:** Secondary

**Prep By:** John P. Heine

**Status:** New

**Final Volume:** 2.12 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Dichloromethane EA342	<a href="#">13510</a>	1.06	mL	5/31/2022

Stock Source	Base Units	Amount Added
sv83403	ug/mL	1.06 mL



# Analytical RunID SV5975.I\_220207A Standards Traceability Report

**Spike ID:** sv100801

**Spike Name:** BNA 2nd source 200ug/mL

**Prep Date:** 1/17/2022

**Exp Date:** 10/1/2022

**Department:** GCMSSEMI

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:**

**Type:** Secondary

**Prep By:** John P. Heine

**Status:** New

**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Dichloromethane EA342	<a href="#">13510</a>	540	uL	10/1/2022

Stock Source	Base Units	Amount Added
sv83514	ug/mL	0.1 mL
sv82702	ug/mL	0.02 mL
sv83218	ug/mL	0.1 mL
sv83512	ug/mL	0.2 mL
sv83411	ug/mL	0.04 mL



# Analytical RunID SV5975.I\_220207A Standards Traceability Report

**Standard ID:** sv82702

**Standard Name:** AE Surr

**Prep Date:** 8/28/2018

**Exp Date:** 4/30/2023

**Department:** GCMSPR

**Vendor:** Restek

**Lot Number:** A0137474

**Balance ID:**

**Comments:**

**Type:** Primary

**Prep By:** Craig A. Bardelli

**Status:** New

**Final Volume:** mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Acid Surrogate Standard Mix (4/89)	<a href="#">10707</a>	1	mL	4/30/2023
Stock Source	Base Units	Amount Added		



# Analytical RunID SV5975.I\_220207A Standards Traceability Report

**Spike ID:** sv82908

**Spike Name:** AE surr

**Prep Date:** 4/10/2019

**Exp Date:** 3/31/2022

**Department:** GCMSSEMI

**Vendor:** Sigma-Aldrich

**Lot Number:** LRAC2239

**Balance ID:**

**Comments:**

**Type:** Primary

**Prep By:** Sean McGrew

**Status:** New

**Final Volume:** mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
EPA 8270 Acids Surrogate Spike Mix HC	<a href="#">11383</a>		mL	3/31/2022
Stock Source	Base Units	Amount Added		



# Analytical RunID SV5975.I\_220207A Standards Traceability Report

**Spike ID:** sv82917

**Spike Name:** BNA Custom for Cal

**Prep Date:** 6/3/2019

**Exp Date:** 5/28/2023

**Department:** GCMSSEMI

**Vendor:** AccuStandard

**Lot Number:** 219051432

**Balance ID:**

**Comments:** Date prepared is date received (10 1mL ampules) - recert from 6/21/21 to 5/28/23

**Type:** Primary

**Prep By:** John P. Heine

**Status:** New

**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Custom BNA Mix	<a href="#">11547</a>	1	mL	5/28/2023

Stock Source	Base Units	Amount Added
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# Analytical RunID SV5975.I\_220207A Standards Traceability Report

**Spike ID:** sv83120

**Spike Name:** BN mix

**Prep Date:** 3/12/2020

**Exp Date:** 1/31/2023

**Department:** GCMSSEMI

**Vendor:** Sigma-Aldrich

**Lot Number:** LRAC4915

**Balance ID:**

**Comments:**

**Type:** Primary

**Prep By:** Sean McGrew

**Status:** New

**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL Base-Neutrals Mix	<a href="#">12503</a>	1	mL	1/31/2023
Stock Source	Base Units	Amount Added		



# Analytical RunID SV5975.I\_220207A Standards Traceability Report

**Spike ID:** sv83201

**Spike Name:** Phenols mix

**Prep Date:** 3/17/2020

**Exp Date:** 1/31/2028

**Department:** GCMSSEMI

**Vendor:** Restek

**Lot Number:** A0157111

**Balance ID:**

**Comments:**

**Type:** Primary

**Prep By:** Sean McGrew

**Status:** New

**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
604 Phenols Calibration Mix	<a href="#">12512</a>		mL	1/31/2028
Stock Source	Base Units	Amount Added		



# Analytical RunID SV5975.I\_220207A Standards Traceability Report

**Spike ID:** sv83218

**Spike Name:** Benzidines

**Prep Date:** 7/7/2020

**Exp Date:** 5/1/2024

**Department:** GCMSSEMI

**Vendor:** AccuStandard

**Lot Number:** 220041353

**Balance ID:**

**Comments:** 2000 ug/mL 12839

**Type:** Primary

**Prep By:** John P. Heine

**Status:** New

**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Benzidine & 3,3'-Dichlorobenzidine	<a href="#">12839</a>	1	mL	5/1/2024

Stock Source	Base Units	Amount Added
--------------	------------	--------------





# Analytical RunID SV5975.I\_220207A Standards Traceability Report

**Spike ID:** sv83301

**Spike Name:** PAH Mix

**Prep Date:** 7/13/2020

**Exp Date:** 9/30/2022

**Department:** GCMSSEMI

**Vendor:** Sigma-Aldrich

**Lot Number:** LRAC3877

**Balance ID:**

**Comments:** 4 x 1mL

**Type:** Primary

**Prep By:** John P. Heine

**Status:** New

**Final Volume:** 6 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL PAH Mix	<a href="#">12846</a>	6	mL	9/30/2022
Stock Source	Base Units	Amount Added		



# Analytical RunID SV5975.I\_220207A Standards Traceability Report

**Spike ID:** sv83403

**Spike Name:** BNA Internals 4000ug/mL

**Prep Date:** 12/29/2020

**Exp Date:** 5/31/2022

**Department:** GCMSSEMI

**Vendor:** Chemservice

**Lot Number:** 10051700

**Balance ID:**

**Comments:**

**Type:** Primary

**Prep By:** John P. Heine

**Status:** New

**Final Volume:** 8 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Mixture #8-Internal Standards	<a href="#">13372</a>	8	mL	5/31/2022

Stock Source	Base Units	Amount Added
--------------	------------	--------------



# Analytical RunID SV5975.I\_220207A Standards Traceability Report

**Standard ID:** sv83407

**Standard Name:** BN Surr 5000 ug/mL

**Prep Date:** 12/14/2020

**Exp Date:** 10/31/2026

**Department:** GCMSSEMI

**Vendor:** Restek

**Lot Number:** A0166081

**Balance ID:**

**Comments:**

**Type:** Primary

**Prep By:** John P. Heine

**Status:** New

**Final Volume:** 5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
B/N Surrogate Mix (4/89 SOW)	<a href="#">13328</a>	1	mL	10/31/2026
Stock Source	Base Units	Amount Added		



# Analytical RunID SV5975.I\_220207A Standards Traceability Report

**Spike ID:** sv83410

**Spike Name:** H.S. Mix

**Prep Date:** 4/7/2021

**Exp Date:** 2/28/2024

**Department:** GCMSSEMI

**Vendor:** Sigma-Aldrich

**Lot Number:** LRAC9004

**Balance ID:**

**Comments:** 2000 ug/mL

**Type:** Primary

**Prep By:** Sean McGrew

**Status:** New

**Final Volume:** mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
EPA TCL Hazardous Substances Mix (12 cmpds)	<a href="#">13691</a>		mL	2/28/2024

Stock Source	Base Units	Amount Added
--------------	------------	--------------



# Analytical RunID SV5975.I\_220207A Standards Traceability Report

**Spike ID:** sv83411

**Spike Name:** BN surr

**Prep Date:** 4/7/2021

**Exp Date:** 11/20/2026

**Department:** GCMSSEMI

**Vendor:** Restek

**Lot Number:** A6167670

**Balance ID:**

**Comments:** 5000 ug/mL

**Type:** Primary

**Prep By:** Sean McGrew

**Status:** New

**Final Volume:** mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
B/N Surrogate Mix (4/89 SOW)	<a href="#">13666</a>		mL	11/20/2026
Stock Source	Base Units	Amount Added		



# Analytical RunID SV5975.I\_220207A Standards Traceability Report

**Spike ID:** sv83419

**Spike Name:** Benzidines CAL 2000ug/mL

**Prep Date:** 5/18/2021

**Exp Date:** 4/30/2023

**Department:** GCMSSEMI

**Vendor:** Agilent

**Lot Number:** 0006592783

**Balance ID:**

**Comments:** 2000 ug/mL

**Type:** Primary

**Prep By:** John P. Heine

**Status:** New

**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Benzidines Standard	<a href="#">13854</a>	1	mL	4/30/2023
Stock Source	Base Units	Amount Added		



# Analytical RunID SV5975.I\_220207A Standards Traceability Report

**Spike ID:** sv83512

**Spike Name:** 625 LCS Spk

**Prep Date:** 7/30/2021

**Exp Date:** 2/2/2026

**Department:** GCMSPR

**Vendor:** Absolute Standards

**Lot Number:** 020221

**Balance ID:**

**Comments:** 12x1mL ampules

**Type:** Primary

**Prep By:** Ryan F. Bengel

**Status:** Open

**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
CLP Semivolatile Calibration Standard	<a href="#">14074</a>	1	mL	2/2/2026
Stock Source	Base Units	Amount Added		



# Analytical RunID SV5975.I\_220207A Standards Traceability Report

**Spike ID:** sv83514

**Spike Name:** Additional

**Prep Date:** 9/22/2021

**Exp Date:** 10/1/2022

**Department:** GCMSPR

**Vendor:** AccuStandard

**Lot Number:** 22002155-02

**Balance ID:**

**Comments:** 12x1mL ampules

**Type:** Primary

**Prep By:** Ryan F. Bengel

**Status:** Open

**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Custom Semi-Volatile Standard	<a href="#">14279</a>	1	mL	10/1/2022

Stock Source	Base Units	Amount Added
--------------	------------	--------------





110 Benner Circle  
 Bellefonte, PA 16823-8812  
 Tel: (800)356-1688  
 Fax: (814)353-1309

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# CERTIFIED REFERENCE MATERIAL

## Certificate of Analysis



**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31063 **Lot No.:** A0137474  
**Description :** Acid Surrogate Standard Mix (4/89)  
Acid Surrogate Standard Mix (4/89) 10,000 µg/mL, Methanol, 1mL/ampul  
**Container Size :** 2 mL **Pkg Amt:** > 1 mL  
**Expiration Date :** April 30, 2023 **Storage:** 10°C or colder

### CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L., K=2)
1	2-Fluorophenol	10,046.4 µg/mL	+/- 58.8239 µg/mL
	CAS # 367-12-4 (Lot STBD7945V)		+/- 293.2702 µg/mL
	Purity 99%		+/- 355.8400 µg/mL
2	Phenol-d6	10,023.6 µg/mL	+/- 58.6904 µg/mL
	CAS # 13127-88-3 (Lot PR-27801)		+/- 292.6047 µg/mL
	Purity 99%		+/- 355.0324 µg/mL
3	2,4,6-Tribromophenol	10,057.2 µg/mL	+/- 58.8871 µg/mL
	CAS # 118-79-6 (Lot 29699MJV)		+/- 293.5855 µg/mL
	Purity 99%		+/- 356.2225 µg/mL

**Solvent:** Methanol  
**CAS #** 67-56-1  
**Purity** 99%

**ID #:** 10707  
**Opened:** \_\_\_\_\_  
 Acid Surrogate Standard Mix (4/89)  
**Expires:** 4/30/2023  
 Rec'd: 8/24/2018  
 Energy Laboratories Inc 1120 So. 27th Street  
 Billings MT 59107

# Certificate of Analysis

EPA 8270 ACIDS SURROGATE SPIKE MIX  
HC,1X1ML,10MG/ML,METHANOL

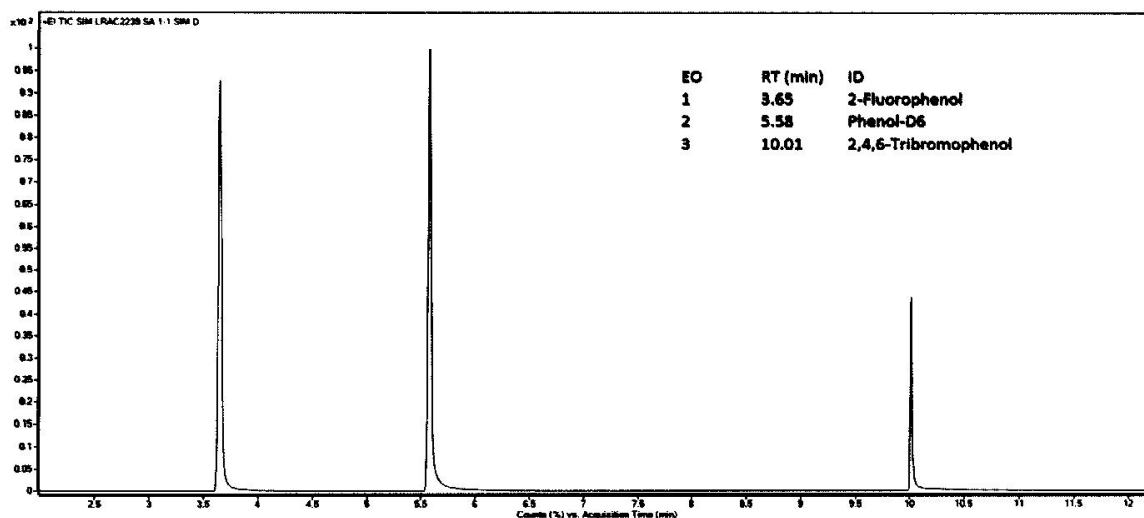
*Certified  
Reference  
Material*

## Description

Product ID 47260-U  
Lot LRAC2239  
Expiration Date March 2022  
Manufacturing Date March 2019  
Storage Conditions Room Temperature  
Solvent/Matrix METHANOL

## Certified Values

Analyte	Units	Certified Value <sup>1,4</sup>	Raw Material Purity,%	Analytical Value	Elution order	Raw Material Lot	CAS
2-FLUOROPHENOL	µg/mL	9930 ± 288	99.9	10037	1	LB92543	367-12-4
PHENOL-D6	µg/mL	9930 ± 290	99.4	9900	2	LB91168	13127-88-3
2,4,6-TRIBROMOPHENOL	µg/mL	9930 ± 318	99.7	9900	3	LB81262	118-79-6



## Additional Information:

Analytical Method Parameters:

Column: SLB-5MS, 30 m x 0.25 mm x 0.25 µm df , Flow: 1.0 ml/min  
Inlet: 200 °C, Injection Mode: Split, 60:1  
80 °C (5 min) to 250 °C (3 min) at 40 °C /min  
Detector: MSD, SIM, Transfer line: 250 °C  
Injection Volume: 0.5 µL

ID #: 11383

Opened:

EPA 8270 Acids Surrogate Spike Mix HC

Expires: 3/31/2022

Rec'd: 4/10/2019

Energyl Laboratories Inc 1120 So. 27th Street  
Billings MT 59107



**SIGMA-ALDRICH**

2931 Soldier Springs Rd. Laramie, Wyoming 82070 USA  
307-742-5452  
rctechgroup@sial.com www.sigma-aldrich.com

# CERTIFICATE OF ANALYSIS

**Catalog No:** S-6237A-R1

**Description:** Custom BNA Mix

**Lot:** 219051432-01

**Solvent:** Dichloromethane

**Hazards:** Refer to SDS for complete safety information

**Date Certified:** Apr 28, 2021

**Expiration:** May 28, 2023

**Sample Size:** 1 mL

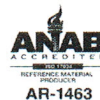
**Components:** 6

**Storage Condition:** Ambient (>5 °C)



**Signal Word:** Warning

**Certified Reference Material**



Component	CAS #	Purity %	Prepared Concentration <sup>2</sup>	Certified Analyte Concentration <sup>1</sup>
		(GC/MS)	(µg/mL)	(µg/mL)
4-Chloro-2-methylphenol	1570-64-5	97.0	2064*	2002
4-Chlorophenol	106-48-9	98.6	2012	1984
1-Methylnaphthalene	90-12-0	99.7	2016	2010
Pyridine	110-86-1	98.7	2003	1977
o-Terphenyl	84-15-1	99.9	2003	2001
Triallate	2303-17-5	99.9	2013	2011

**ID #: 11547**

Opened: \_\_\_\_\_

Custom BNA Mix

**Expires: 5/28/2023**

Rec'd: 5/31/2019

Enerav Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

\* Weight compensated to 100% purity.

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

<sup>2</sup> All weights are traceable through NIST, Test No. 684/289871-17

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

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Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: \_\_\_\_\_

Larry Decker, Organic QC Manager

# Certificate of Analysis

TCL BASE-NEUTRALS  
MIX, 1X1 ML, 2000 UG/ML, DICHLOROMETHANE

Certified  
Reference  
Material

## Description

Product ID 47991-U  
Lot LRAC4915  
Expiration Date January 2023  
Manufacturing Date January 2020  
Storage Conditions Refrigerate  
Solvent/Matrix DICHLOROMETHANE

## Certified Values

Analyte	Certified Value <sup>1,4</sup>	Units	Raw Material Purity, %	Elution order	Raw Material Lot	CAS
N-NITROSODIMETHYLAMINE	1999 ± 39	µg/mL	98.1	1	11-RFS-142-1	62-75-9
BIS (2-CHLOROETHYL) ETHER	2003 ± 42	µg/mL	99.4	2	06413MS	111-44-4
1,3-DICHLOROBENZENE	2001 ± 47	µg/mL	99.6	3	11221HC	541-73-1
1,4-DICHLOROBENZENE	2000 ± 66	µg/mL	99.9	4	MKBG7690V	106-46-7
1,2-DICHLOROBENZENE	2005 ± 65	µg/mL	99.4	5	LB58923	95-50-1
BIS (2-CHLOROISOPROPYL) ETHER	2000 ± 45	µg/mL	96.7	6	LC19632	108-60-1
N-NITROSODI-N-PROPYLAMINE	2001 ± 36	µg/mL	100.0	7	2D5VJ-PB	621-64-7
HEXACHLOROETHANE	2000 ± 125	µg/mL	99.9	8	12719AO	67-72-1
NITROBENZENE	2000 ± 53	µg/mL	99.9	9	LB47070	98-95-3
ISOPHORONE	1999 ± 34	µg/mL	99.5	10	LC14006	78-59-1
BIS (2-CHLOROETHOXY) METHANE	2000 ± 33	µg/mL	98.7	11	LB46081	111-91-1
1,2,4-TRICHLOROBENZENE	2003 ± 91	µg/mL	99.9	12	447	120-82-1
HEXACHLOROBUTADIENE	1999 ± 97	µg/mL	97.2	13	MKCG6212	87-68-3
HEXACHLOROCYCLOPENTADIENE	2001 ± 111	µg/mL	96.0	14	LB95525	77-47-4
2-CHLORONAPHTHALENE	2000 ± 120	µg/mL	99.9	15	LC11403	91-58-7
DIMETHYL PHTHALATE	2006 ± 44	µg/mL	99.9	16	LB30494	131-11-3
2,6-DINITROTOLUENE	2000 ± 91	µg/mL	99.2	17	11231AN	606-20-2
2,4-DINITROTOLUENE	2000 ± 71	µg/mL	98.9	18	12316HF	121-14-2
DIETHYL PHTHALATE	1998 ± 51	µg/mL	99.9	19	207	84-66-2
4-CHLOROPHENYLPHENYL ETHER	2006 ± 52	µg/mL	99.3	20	JS00081	7005-72-3
N-NITROSODIPHENYLAMINE	2000 ± 72	µg/mL	95.5	21	LC07185	86-30-6
AZOBENZENE	2000 ± 48	µg/mL	98.2	22	BCBS6535V	103-33-3
4-BROMOPHENYLPHENYL ETHER	2006 ± 48	µg/mL	99.0	23	05916LS	101-55-3

ID #: 12503

Opened:

TCL Base-Neutrals Mix

Expires: 1/31/2023

Rec'd: 3/12/2020

Energy Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

**SIGMA-ALDRICH**

2931 Soldier Springs Rd. Laramie, Wyoming 82070 USA  
800-325-5832  
TechService@milliporesigma.com www.sigma-aldrich.com

# RESTEK® CERTIFIED REFERENCE MATERIAL

110 Benner Circle  
 Bellefonte, PA 16823-8812  
 Tel: (800)356-1688  
 Fax: (814)353-1309

www.restek.com

## Certificate of Analysis



**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31029 **Lot No.:** A0157111  
**Description :** 604 Phenols Calibration Mix  
604 Calibration Std Phenols 2000µg/mL, Methanol, 1mL/ampul  
**Container Size :** 2 mL **Pkg Amt:** > 1 mL  
**Expiration Date :** January 31, 2028 **Storage:** 10°C or colder

**ID #:** 12512  
**Opened:** \_\_\_\_\_  
**604 Phenols Calibration Mix**  
**Expires:** 1/31/2028  
**Rec'd:** 3/17/2020  
 Energy Laboratories Inc 1120 So. 27th Street  
 Billings MT 59107

### CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight:volume)	Expanded Uncertainty (95% C.L., K=2)				
1	Phenol	2,004.0 µg/mL	+/-	11.9032	µg/mL	Gravimetric	
	CAS # 108-95-2 (Lot SHBF9719V)		+/-	58.5341	µg/mL	Unstressed	
	Purity 99%		+/-	71.0092	µg/mL	Stressed	
2	2-Chlorophenol	2,000.0 µg/mL	+/-	11.8794	µg/mL	Gravimetric	
	CAS # 95-57-8 (Lot STBH7290)		+/-	58.4173	µg/mL	Unstressed	
	Purity 99%		+/-	70.8674	µg/mL	Stressed	
3	2-Nitrophenol	2,000.0 µg/mL	+/-	11.8794	µg/mL	Gravimetric	
	CAS # 88-75-5 (Lot BCBH7602V)		+/-	58.4173	µg/mL	Unstressed	
	Purity 99%		+/-	70.8674	µg/mL	Stressed	
4	2,4-Dimethylphenol	2,000.0 µg/mL	+/-	11.8794	µg/mL	Gravimetric	
	CAS # 105-67-9 (Lot 10165155)		+/-	58.4173	µg/mL	Unstressed	
	Purity 99%		+/-	70.8674	µg/mL	Stressed	
5	2,4-Dichlorophenol	2,004.0 µg/mL	+/-	11.9032	µg/mL	Gravimetric	
	CAS # 120-83-2 (Lot BCBJ8113V)		+/-	58.5341	µg/mL	Unstressed	
	Purity 99%		+/-	71.0092	µg/mL	Stressed	
6	4-Chloro-3-methylphenol	2,004.0 µg/mL	+/-	11.9032	µg/mL	Gravimetric	
	CAS # 59-50-7 (Lot STBC7309V)		+/-	58.5341	µg/mL	Unstressed	
	Purity 99%		+/-	71.0092	µg/mL	Stressed	
7	2,4,6-Trichlorophenol	2,002.0 µg/mL	+/-	11.8913	µg/mL	Gravimetric	
	CAS # 88-06-2 (Lot STBH7520)		+/-	58.4757	µg/mL	Unstressed	
	Purity 99%		+/-	70.9383	µg/mL	Stressed	

# CERTIFICATE OF ANALYSIS

**Catalog No:** Z-014F  
**Description:** Benzidine & 3,3'-Dichlorobenzidine  
**Lot:** 220041353  
**Solvent:** Methanol  
**Hazards:** Refer to SDS for complete safety information

**Date Certified:** May 1, 2020  
**Expiration:** May 1, 2024  
**Sample Size:** 1 mL  
**Components:** 2  
**Storage Condition:** Ambient (>5 °C)



Signal Word: Danger

## Certified Reference Material



Component	CAS #	Purity % (GC/MS)	Prepared Concentration <sup>2</sup> (µg/mL)	Certified Analyte Concentration <sup>1</sup> (µg/mL)
Benzidine **	92-87-5	99.9	2004	2002
3,3'-Dichlorobenzidine **	91-94-1	100.0	2001	2001

**ID #: 12839**

Opened: \_\_\_\_\_

Benzidine & 3,3'-Dichlorobenzidine

**Expires: 5/1/2024**

Rec'd: 7/7/2020

Energy Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

\*\*Benzidine and 3,3'-Dichlorobenzidine are subject to oxidative degradation

\*\*Benzidine and 3,3'-Dichlorobenzidine are subject to oxidative degradation

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

<sup>2</sup> All weights are traceable through NIST, Test No. 684/289871-17

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is  $\pm 2.4\%$ . This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

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Certified By: \_\_\_\_\_

Larry Decker, Organic QC Manager

# CERTIFICATE OF ANALYSIS

**Catalog No:** Z-014F  
**Description:** Benzidine & 3,3'-Dichlorobenzidine  
**Lot:** 220041353  
**Solvent:** Methanol

**Date Certified:** May 1, 2020  
**Expiration:** May 1, 2024  
**Sample Size:** 1 mL  
**Components:** 2

## I-TEST

AccuStandard, Inc.  
 Statistical Report for CLP (SOW 1997)  
 1-May-2020

QR-CO-003 rev. 3/16

Z-014F 220041353		Z-014F 220031213		NOTES:																	
Peak	Run #1	Run #2	Run #3	Run #4	Mean	Std Dev	% RSD	Run #1	Run #2	Run #3	Run #4	Mean	Std Dev	% RSD	L029 test	CI	Q	# of Runs	10 % error check of conc. means		
1 Benzidine (92-87-5)	90	83	79	78	83	5.45	6.60%	84	84	80	76	81	3.83	4.73%	0.45	23.7	Benzidine (92-87-5)	21.3	4	2000	2 %
2 3,3'-Dichlorobenzidine (91-94-1)	104	96	93	91	96	5.72	5.95%	98	99	94	89	95	4.27	4.51%	0.35	20.9	3,3'-Dichlorobenzidine (91-94-1)	15.8	4	2000	1 %

AccuStandard


# CERTIFICATE OF ANALYSIS

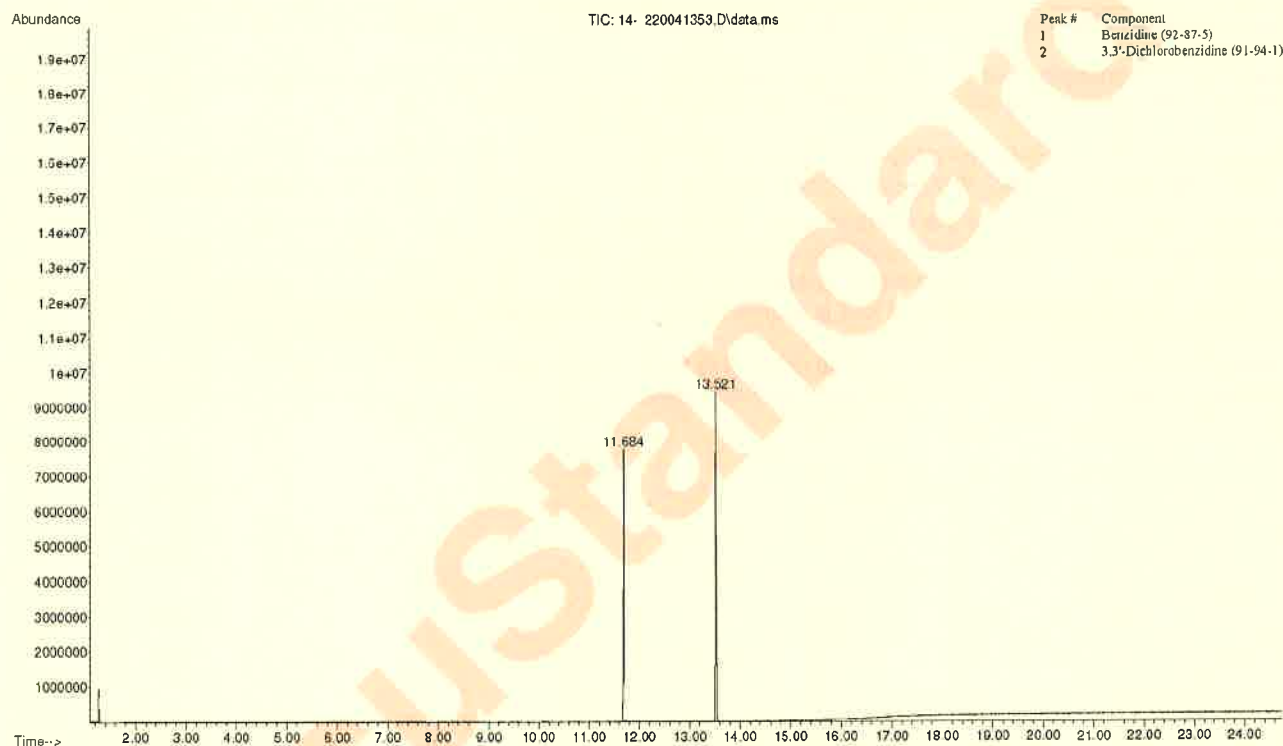
**Catalog No:** Z-014F  
**Description:** Benzidine & 3,3'-Dichlorobenzidine  
**Lot:** 220041353  
**Solvent:** Methanol

**Date Certified:** May 1, 2020  
**Expiration:** May 1, 2024  
**Sample Size:** 1 mL  
**Components:** 2

## Chromatogram

File :D:\MassHunter\GCMS\1\DATA\043020\14- 220041353.D  
Operator : Organic QC Lab  
Acquired : 30 Apr 2020 17:16 using AcqMethod CHICK\_2019\_S100.M  
Instrument : GCMS 6  
Sample Name : Z-014F (220041353)  
Misc Info : Z-014F @2000ug/mL in Methanol  
Vial Number: 138

 **AccuStandard®**  
Leader in Analytical Reference Standards  
Column: DB-5MS, 30m, 0.25 ID, 0.25 um  
Oven Program: 80c 17c/min to 340c, 8min  
GC Parameters: Cons. Split, 12psi constant flow  
Split 100:1, 1uL inj.; GC/MS; INJ 270c





# CERTIFICATE OF ANALYSIS

**Catalog No:** Z-014F  
**Description:** Benzidine & 3,3'-Dichlorobenzidine  
**Lot:** 220041353  
**Solvent:** Methanol

**Date Certified:** May 1, 2020  
**Expiration:** May 1, 2024  
**Sample Size:** 1 mL  
**Components:** 2

## RAW DATA

Data Path : D:\MassHunter\GCMS\1\DATA\043020\  
Data File : 14- 220041353.D  
Acq On : 30 Apr 20 05:16 pm  
Operator : Organic QC Lab  
Sample : Z-014F (220041353)  
Misc : Z-014F @2000ug/mL in Methanol  
ALS Vial : 138 Sample Multiplier: 1

Integration Parameters: events.e  
Integrator: ChemStation

Method : D:\MassHunter\GCMS\1\methods\CHICK\_2019.M  
Title :

Signal : TIC: 14- 220041353.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	11.684	2371	2386	2399	PV	7555441	90932217	86.94%	46.506%
2	13.521	2790	2799	2825	BB	9071921	104594086	100.00%	53.494%

# Certificate of Analysis

Certified  
Reference  
Material

TCL PAH

MIX,1X1ML,2000UG/ML,BENZENE:DICHLOROMETHANE

## Description

Product ID CRM48905  
Lot LRAC3877  
Expiration Date September 2022  
Manufacturing Date September 2019  
Storage Conditions Refrigerate  
Solvent/Matrix methylene chloride: benzene (1:1)

## Certified Values

Analyte	Certified Value <sup>1,4</sup>	Units	Raw Material Purity,%	Analytical Value <sup>6</sup>	Elution order	Raw Material Lot	CAS
NAPHTHALENE	2000 ± 32	µg/mL	100.0	2022	01	01112017-5	91-20-
ACENAPHTHYLENE	2000 ± 66	µg/mL	99.8	2005	02	LC21494	208-96-
ACENAPHTHENE	2000 ± 63	µg/mL	99.9	2031	03	MKCC8329	83-32-
FLUORENE	2000 ± 90	µg/mL	99.4	2009	04	LC19126	86-73-
PHENANTHRENE	2000 ± 56	µg/mL	99.6	2043	05	MKCD3760	85-01-
ANTHRACENE	2000 ± 39	µg/mL	99.9	2005	06	LC14310	120-12-
FLUORANTHENE	2000 ± 69	µg/mL	98.5	2031	07	LB99099	206-44-
PYRENE	2000 ± 68	µg/mL	91.6	2078	08	LB70761	129-00-
BENZO (A) ANTHRACENE	2000 ± 63	µg/mL	99.9	2002	09	LC19271	56-55-
CHRYSENE	2000 ± 59	µg/mL	99.0	2026	10	21L74	218-01-
BENZO (B) FLUORANTHENE	2000 ± 62	µg/mL	99.5	1998	11	LB95773	205-99-
BENZO (K) FLUORANTHENE	2000 ± 62	µg/mL	99.9	2043	12	0000029501	207-08-
BENZO(A)PYRENE	2002 ± 64	µg/mL	99.6	2037	13	LB73826	50-32-
DIBENZ (A,H) ANTHRACENE	2000 ± 64	µg/mL	99.0	2050	14	0012014	53-70-
BENZO (G,I,I) PERYLENE	2000 ± 67	µg/mL	98.5	2059	15	LC19498	191-24-
INDENO (1,2,3-CD) PYRENE	2000 ± 64	µg/mL	99.5	1995	16	ER082107-02	193-39-

ID #: 12846

Opened: \_\_\_\_\_

TCL PAH

Expires: 9/30/2022

Rec'd: 7/13/2020

Eneray Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

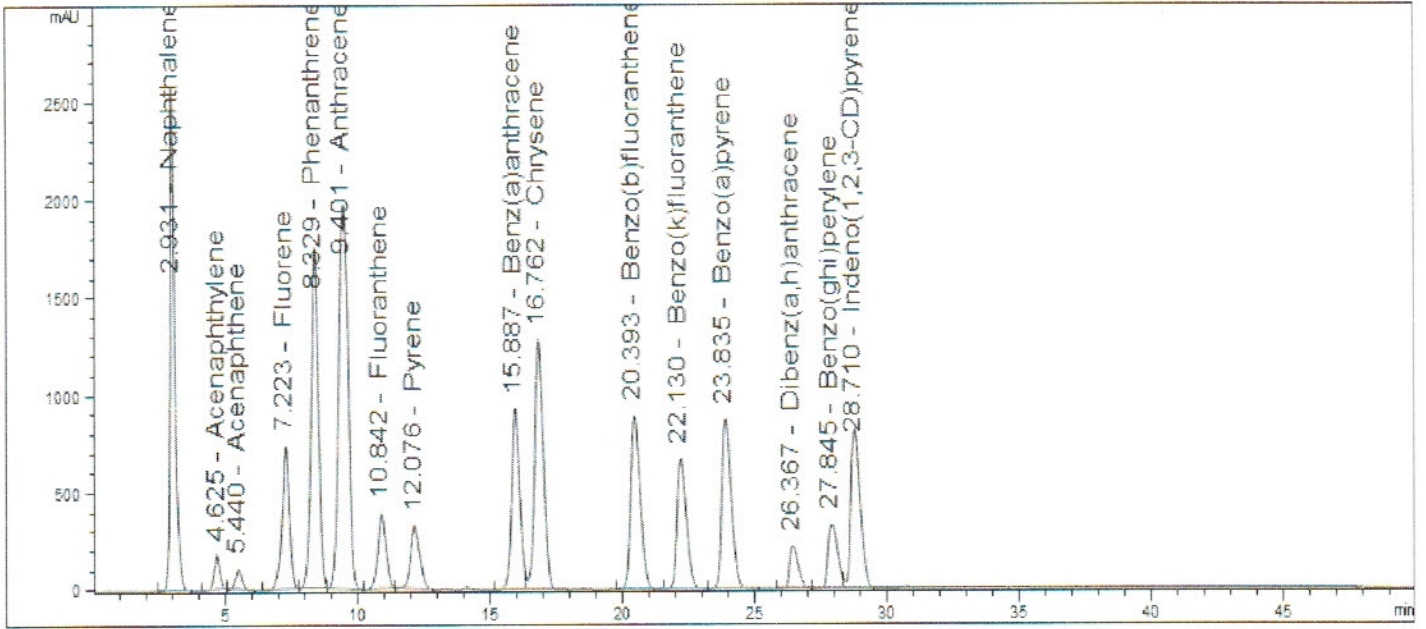


**SIGMA-ALDRICH**  
2931 Soldier Springs Rd. Laramie, Wyoming 82070 USA  
307-742-5452  
rtctechgroup@sial.com www.sigma-aldrich.com

# Description

Lot LRAC3877  
Expiration Date September 2022  
Manufacturing Date September 2019  
Storage Conditions Refrigerate  
Solvent/Matrix methylene chloride: benzene (1:1)

# Informational Values



## Additional Information:

Analytical Method Parameters:  
Column: Supelco LC-PAH, 250 mm x 4.6mm, 5µm particle size  
Mobile Phase A: Water  
Mobile Phase B: Acetonitrile  
Detector: UV/DAD/VWD, Wavelength: 254 nm  
Flow Rate: 1.7 mL/min  
Column Temperature: 30 °C  
Injection Volume: 2 µL

### Gradient

TIME (min)	A%	B%
0	40	60
5	40	60
30	0	100
45	0	100
50	40	60

# Certificate of Analysis

Certified  
Reference  
Material

TCL PAH

MIX,1X1ML,2000UG/ML,BENZENE:DICHLOROMETHANE

## Description

Product ID CRM48905  
Lot LRAC3877  
Expiration Date September 2022  
Manufacturing Date September 2019  
Storage Conditions Refrigerate  
Solvent/Matrix methylene chloride: benzene (1:1)

**1 Metrological traceability:** Traceable to the SI and higher order standards from NIST through an unbroken chain of comparisons. The balance used to weigh raw materials is accurate to +/-0.0001 g and calibrated regularly using mass standards traceable to NIST. All dilutions were performed gravimetrically. Additionally, individual analytes are traceable to NIST SRMs where available and specified above.  
**4 Ucrm - Uncertainty** values in this document are expressed as Expanded Uncertainty (Ucrm) corresponding to the 95% confidence interval. Ucrm is derived from the combined standard uncertainty multiplied by the coverage factor k, which is obtained from a t-distribution and degrees of freedom. The components of combined standard uncertainty include the uncertainties due to characterization, homogeneity, long term stability, and short term stability (transport). The components due to stability are generally considered to be negligible unless otherwise indicated by stability studies. The mathematical representation of the Ucrm calculation is as follows:

$$u_{CRM} = \sqrt{u_{char}^2 + u_{homogeneity}^2 + u_{stability}^2}$$

**k:** Coverage factor derived from a t-distribution table, based on the degrees of freedom of the data set. Assume 2.0 for a **Confidence interval = 95%**

**6 Analytical Value-** For QC verification of the certified value only- not to be used in calculations. Represents the analytical data obtained by comparison to a standard as analyzed by the method described in the CoA or another acceptable method. The result may differ from the certified value and UCRM based on method uncertainty as well as the uncertainty associated with the standard used for comparison.

**Traceability:** The standard was manufactured under an ISO/IEC 17025:2017 certified quality system. The balance used to weigh raw materials is accurate to +/- 0.0001g and calibrated regularly using mass standards traceable to NIST. All dilutions were performed gravimetrically. Additionally, individual analytes are traceable to NIST SRMs where available and specified above.

**Homogeneity:** Homogeneity was assessed in accordance with ISO 17034:2016. Completed units were sampled using a random stratified sampling protocol. The results of chemical analysis were then compared using a one-way analysis of variance approach as described by TNI EL-V3-2009 Appendix A.2. See Instructions for minimum sub-sample size.

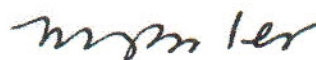
Expiration is at end of month given on certificate and label.

THIS PRODUCT WAS DESIGNED, PRODUCED AND VERIFIED FOR ACCURACY AND STABILITY IN ACCORDANCE WITH **ISO/IEC 17025:2017 (ANAB Cert AT-1467)** and **ISO 17034:2016 (ANAB Cert AR-1470)**.

MSDS reports for components comprising greater than 1.0% of the solution or 0.1% for components known to be carcinogens are available upon request.



Andy Ommen - QC Manager



Mark Pooler - QA Supervisor

Certification Date October 17, 2019  
Version 0-10172019



**SIGMA-ALDRICH**

2931 Soldier Springs Rd. Laramie, Wyoming 82070 USA  
307-742-5452  
rtctechgroup@sial.com www.sigma-aldrich.com



# CERTIFIED REFERENCE MATERIAL

110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: (800)356-1688  
Fax: (814)353-1309

www.restek.com

## Certificate of Analysis



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31086 **Lot No.:** A0166081

**Description :** B/N Surrogate Mix (4/89 SOW)  
Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** October 31, 2026 **Storage:** 10°C or colder

**Handling:** Sonicate prior to use. **Ship:** Ambient

**ID #:** 13328  
**Opened:** \_\_\_\_\_  
**B/N Surrogate Mix (4/89 SOW)**  
**Expires:** 10/31/2026  
**Rec'd:** 12/14/2020  
Enerav Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

### CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Nitrobenzene-d5 CAS # 4165-60-0 (Lot PR-29940B) Purity 99%	5,017.7 µg/mL	+/- 29.1731	µg/mL	Gravimetric
			+/- 225.9987	µg/mL	Unstressed
			+/- 250.7735	µg/mL	Stressed
2	2-Fluorobiphenyl CAS # 321-60-8 (Lot 00019169) Purity 99%	5,049.7 µg/mL	+/- 29.3592	µg/mL	Gravimetric
			+/- 227.4400	µg/mL	Unstressed
			+/- 252.3728	µg/mL	Stressed
3	p-Terphenyl-d14 CAS # 1718-51-0 (Lot PR-27278) Purity 99%	5,029.9 µg/mL	+/- 29.2444	µg/mL	Gravimetric
			+/- 226.5505	µg/mL	Unstressed
			+/- 251.3857	µg/mL	Stressed

**Solvent:** Methylene chloride  
CAS # 75-09-2  
Purity 99%

#### Tech Tips:

Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

**Column:**

30m x 0.25mm x 0.25µm  
Rtx-5 (cat.#10223)

**Carrier Gas:**

hydrogen-constant pressure 10 psi.

**Temp. Program:**

40°C (hold 2 min.) to 330°C  
@ 10°C/min. (hold 10 min.)

**Inj. Temp:**

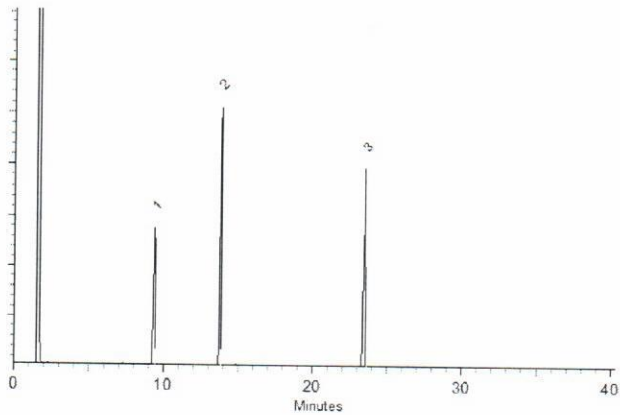
250°C

**Det. Temp:**

330°C

**Det. Type:**

FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dalton Stover - Operations Technician I

Date Mixed: 04-Nov-2020

Balance: 1128353505

Justine Albertson - Operations Tech-ARM QC

Date Passed: 06-Nov-2020

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k \sqrt{U_{gravimetric}^2 + U_{homogeneity}^2 + U_{storage\ stability}^2 + U_{shipping\ stability}^2}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at [www.restek.com/Contact-Us](http://www.restek.com/Contact-Us) for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at [www.restek.com/Contact-Us](http://www.restek.com/Contact-Us).
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599  
 1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729  
[info@chemservice.com](mailto:info@chemservice.com) • [www.chemservice.com](http://www.chemservice.com)

ID #: 13372

Opened:

Mixture #8-Internal Standards

Expires: 5/31/2022

Rec'd: 12/29/2020

Energy Laboratories Inc 1120 So. 27th Street  
 Billings MT 59107

## CERTIFICATE OF ANALYSIS

### Mixture #8-Internal Standards

CONCENTRATION 4000ug/ml in Methylene chloride  
 CATALOG NUMBER M-PPHC8X12-1ML  
 LOT NUMBER 10051700  
 DATE CERTIFIED 05/13/20  
 EXPIRATION DATE 05/31/22  
 STORAGE Store at room temperature (20 - 25 °C).  
 HANDLING See Safety Data Sheet  
 INTENDED USE For laboratory use only.  
 ISO 17034:2016 CERTIFIED [X]

ID	Analyte	CAS	Weight Analyte (mg)	Lot	Purity	Certified Concentration (ug/mL)
N-11000	Acenaphthene-d10	15067-26-2	1005.50	00027326	99.50	4001.9
N-11467	Chrysene-d12	1719-03-5	1012.20	00027327	98.80	4000.2
N-10217	1,4-Dichlorobenzene-d4	3855-82-1	1004.10	00027328	99.50	3996.3
N-12645	Naphthalene-d8	1146-65-2	1006.50	00025577	99.50	4005.9
N-12851	Perylene-d12	1520-96-3	1009.50	00027330	99.50	4017.8
N-12856	Phenanthrene-d10	1517-22-2	1021.10	00027331	99.00	4043.6

#### Analytical Test

CONCENTRATION (GC/FID)

Value

VERIFIED

#### Instructions for Use:

Shake mixture prior to use. If particles are present, sonicate for homogeneity. If sample is diluted to lower concentrations, Class A volumetric glassware must be used.

Minimum Sample Size- 0.2 uL for Direct Injection.

Chem Service Inc. guarantees the expanded uncertainty of the above analytes to be +/- 2.0% of the certified concentrations based on gravimetric preparation. The test results published in this report were obtained using equipment capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). The reported expanded uncertainty of measurement is stated as the combined standard uncertainty of measurement multiplied by the coverage factor k (k=2) such that the coverage probability corresponds to approximately 95%. For certified reference materials, homogeneity and thermal stability testing are available upon request.

Certified By:

*Mary Beth O'Donnell*

Mary Beth O'Donnell  
 CSM/TC

Chem Service is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015





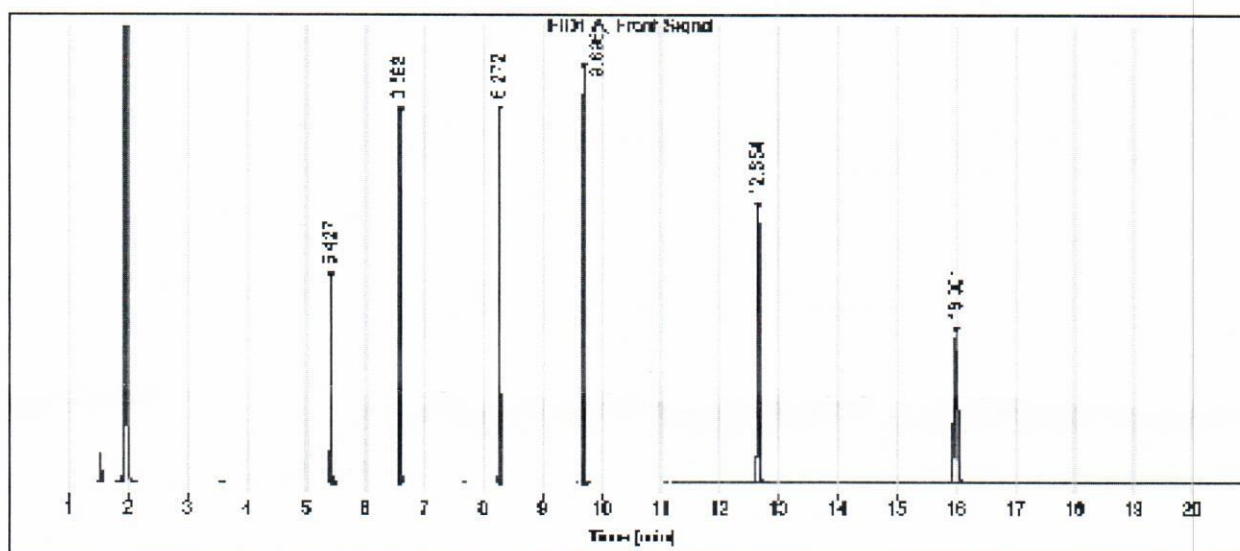
660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599  
 1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729  
[info@chemservice.com](mailto:info@chemservice.com) • [www.chemservice.com](http://www.chemservice.com)

Gas

Data file: C:\CHEM3\  
 Sample name: M-PPCH8X  
 Instrument: GC 2  
 Injection date: 5/13/2020 8:56:25 AM  
 Acq. method: M-PPHC8X12.M  
 Column name: HP-5

## CERTIFICATE OF ANALYSIS

Sample type: Sample  
 Location: Vial 3  
 Injection volume: 1.0uL



Signal: FID1 A, Front Signal

RT [min]	Type	Width [min]	Area	Height	Area%
5.427	BB	0.0181	1240.1130	1041.0874	8.36
6.593	BB	0.0189	2274.8877	1876.2654	15.33
8.272	BB	0.0196	2371.0022	1888.8049	15.98
9.696	BV	0.0197	2694.9399	2106.0442	18.16
12.654	BB	0.0330	2999.0918	1397.3110	20.21
16.001	BB	0.0562	3260.5679	751.0330	21.97
		Sum	14840.6025		

Chem Service is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015





# CERTIFIED REFERENCE MATERIAL

110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: (800)356-1688  
Fax: (814)353-1309

www.restek.com

## Certificate of Analysis



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31062 **Lot No.:** A0167670

**Description :** B/N Surrogate Mix (4/89 SOW)  
Base Neutral Surrogate 4/89(SOW) 5000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** November 30, 2026 **Storage:** 10°C or colder

**Handling:** Sonicate prior to use. **Ship:** Ambient

### CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)			
1	Nitrobenzene-d5 CAS # 4165-60-0 Purity 99% (Lot PR-29940B)	5,014.0 µg/mL	+/-	29.3583	µg/mL	Gravimetric
			+/-	225.8621	µg/mL	Unstressed
			+/-	250.6163	µg/mL	Stressed
2	2-Fluorobiphenyl CAS # 321-60-8 Purity 99% (Lot 00019169)	5,019.6 µg/mL	+/-	29.3911	µg/mL	Gravimetric
			+/-	226.1143	µg/mL	Unstressed
			+/-	250.8962	µg/mL	Stressed
3	p-Terphenyl-d14 CAS # 1718-51-0 Purity 99% (Lot PR-27278)	5,020.6 µg/mL	+/-	29.3967	µg/mL	Gravimetric
			+/-	226.1576	µg/mL	Unstressed
			+/-	250.9442	µg/mL	Stressed

**Solvent:** Methylene chloride  
CAS # 75-09-2  
Purity 99%

**ID #: 13666**

Opened: \_\_\_\_\_

B/N Surrogate Mix (4/89 SOW)

**Expires: 11/30/2026**

Rec'd: 3/19/2021

Energry Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

#### Tech Tips:

Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

**Column:**

30m x 0.25mm x 0.25µm  
Rtx-5 (cat.#10223)

**Carrier Gas:**

hydrogen-constant pressure 10 psi.

**Temp. Program:**

75°C (hold 1 min.) to 330°C  
@ 20°C/min. (hold 10 min.)

**Inj. Temp:**

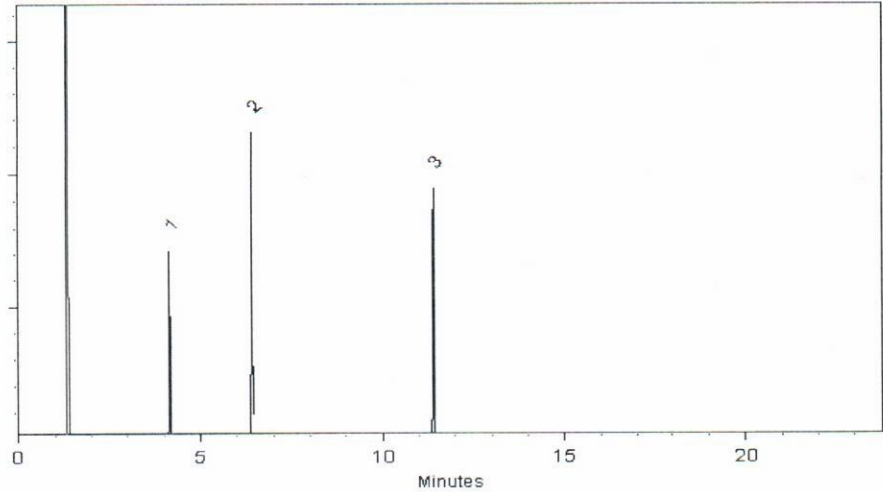
250°C

**Det. Temp:**

330°C

**Det. Type:**

FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Katelyn McGinni - Operations Tech I

Date Mixed: 30-Dec-2020 Balance: 1128353505

  
Alexis Shelow - Operations Tech I

Date Passed: 06-Jan-2021

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k \sqrt{U_{gravimetric}^2 + U_{homogeneity}^2 + U_{storage\ stability}^2 + U_{shipping\ stability}^2}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at [www.restek.com/Contact-Us](http://www.restek.com/Contact-Us) for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at [www.restek.com/Contact-Us](http://www.restek.com/Contact-Us).
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

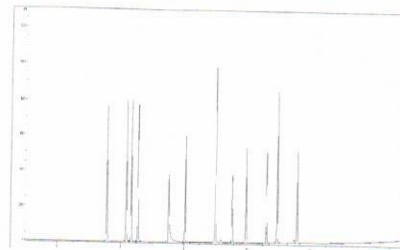
### Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

# Certificate of Analysis - Certified Reference Material

## EPA TCL Hazardous Substances Mix (12 cmpds)

**Product no.:** 47990-U  
**Lot no.:** LRAC9004  
**Expiry Date:** February 2024  
**Manufacturing Date:** February 2021  
**Storage:** Refrigerate  
**Solvent/Matrix:** Dichloromethane  
**Certificate version:** LRAC9004.01 (Note: Certificates may be updated due to the availability of new data. Check our website at: [www.sigma-aldrich.com](http://www.sigma-aldrich.com) for the most current version.)



### Certified Values:

Analyte	Certified Value	Units	Raw Material Purity, %	Raw Material Elution order	Raw Material Lot
ANILINE CAS# 62-53-3	2022 ± 25	µg/mL	99.9	01	LA41596
BENZYL ALCOHOL CAS# 100-51-6	2022 ± 15	µg/mL	99.7	02	LB99705
2-METHYLPHENOL CAS# 95-48-7	2022 ± 14	µg/mL	99.9	03	LB91878
4-METHYLPHENOL CAS# 106-44-5	2022 ± 17	µg/mL	99.9	04	LB32518
BENZOIC ACID CAS# 65-85-0	2021 ± 27	µg/mL	98.8	05	442-137B
4-CHLOROANILINE CAS# 106-47-8	2022 ± 32	µg/mL	100.0	06	MKBZ6909V
2,4,5-TRICHLOROPHENOL CAS# 95-95-4	2022 ± 18	µg/mL	99.9	07	JS00008
2-METHYLNAPHTHALENE CAS# 91-57-6	2021 ± 11	µg/mL	98.2	08	LB97828
2-NITROANILINE CAS# 88-74-4	2022 ± 12	µg/mL	99.9	09	07411KN
3-NITROANILINE CAS# 99-09-2	2022 ± 15	µg/mL	99.9	10	LC09264
DIBENZOFURAN CAS# 132-64-9	2021 ± 10	µg/mL	98.8	11	LB78814
4-NITROANILINE CAS# 100-01-6	2022 ± 23	µg/mL	99.9	12	15609AA

ID #: 13691

Opened:

EPA TCL Hazardous Substances Mix (12 cmp)

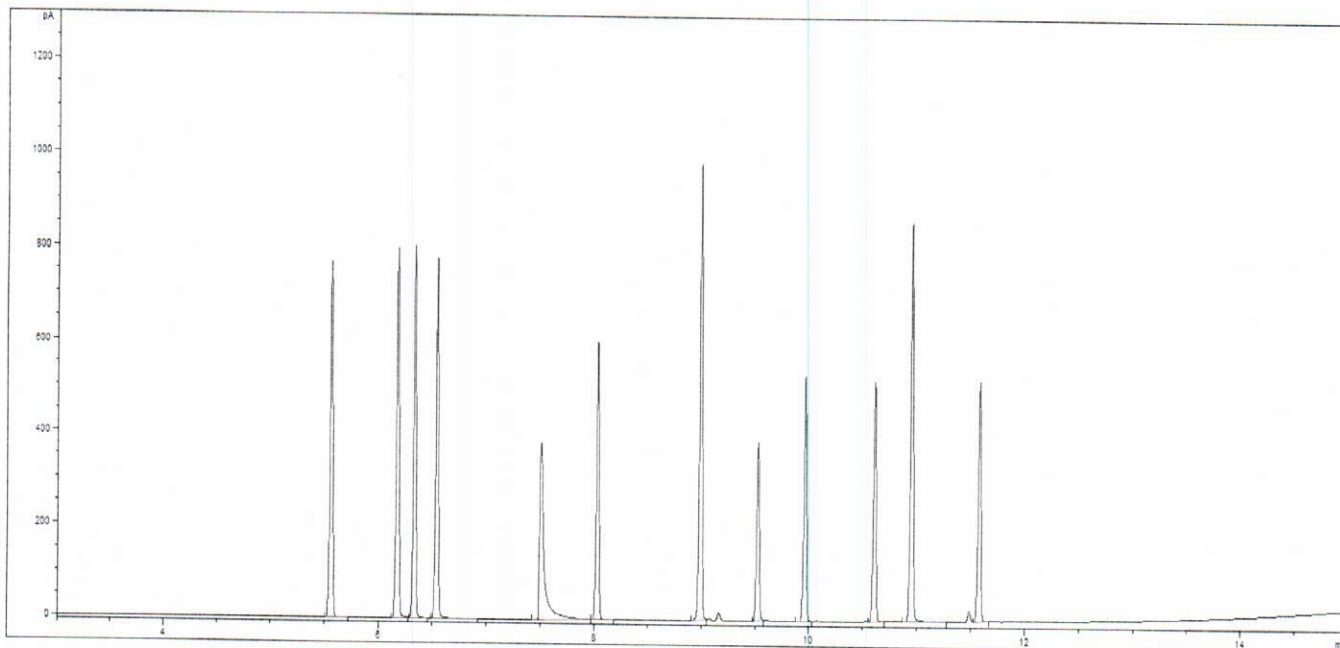
Expires: 2/28/2024

Rec'd: 3/26/2021

Energv Laboratories Inc 1120 So. 27th Street  
Billings MT 59107



**Informational Values:**



**Additional Information:**

Analytical Method Parameters:  
Column: SPB-5, 30 m x 0.53 mm I.D., 1.5 µm film thickness (Column #214)  
Carrier Gas: H2, Flow: 4.5 mL/min  
Inlet Temperature: 240 °C, Injection Volume: 1 µL  
Injection Mode: Split, Split Ratio: 25:1  
Temperature Program: 80 °C (Hold 2 min) @ 15 °C/min to 280 °C (Hold 2 min)  
Detector: FID  
Detector Temperature: 310 °C

**Metrological traceability:**

Traceable to the SI and higher order standards from NIST through an unbroken chain of comparisons. The balance used to weigh raw materials is accurate to +/-0.0001 g and calibrated regularly using mass standards traceable to NIST. All dilutions were performed gravimetrically. Additionally, individual analytes are traceable to NIST SRMs where available and specified above.

**Measurement method:**

Where applicable, the assigned value is based on a purity determination by mass balance and gravimetrically prepared value.

**Intended use:**

Intended for R&D and Analytical Use only. Not for drug, household or other uses.

**Minimum sample size:**

1 µL

**Packaging:**

1 ML IN AMBER AMPULE

**Instructions for handling and correct use:**

Use on the as is basis. The internal pressure of the container may be slightly different from the atmospheric pressure at the user`s location. Open slowly and carefully to avoid dispersion of the material.

**Health and safety information:**

All chemical reference materials should be considered potentially hazardous and should be used only by qualified laboratory personnel. Please refer to the Safety Data Sheet for detailed information about the nature of any hazard and appropriate precautions to be taken.

**Accreditation:**

Sigma-Aldrich RTC is accredited by the US accreditation authority ANAB as a registered reference material producer AR-1470 in accordance with ISO 17034.

**Certificate issue date:**

26-Feb-2021



Andy Ommen - QC Manager

Mark Pooler - QA Supervisor

**Details on metrological traceability:**

This standard has been gravimetrically prepared using balances that have been fully qualified and calibrated to ISO 17025 requirements. All calibrations utilize NIST traceable weights which are calibrated externally by a qualified ISO 17025 accredited calibration laboratory to NIST standards. Qualification of each balance includes the assignment of a minimum weighing by a qualified and ISO 17025 accredited calibration vendor taking into consideration the balance and installed environmental conditions to ensure compliance with USP tolerances of NMT 0.10% relative error. Fill volume to predetermined specifications is gravimetrically verified throughout the dispensing process using qualified and calibrated balances. Further traceability to a corresponding Primary Standard may be achieved through a direct comparison assay. Where a Primary Standard is available, the assay value will be included in the specified section of the COA.

**Details on metrological traceability:**

Ucrm - Uncertainty values in this document are expressed as Expanded Uncertainty (Ucrm) corresponding to the 95% confidence interval. Ucrm is derived from the combined standard uncertainty multiplied by the coverage factor k, which is obtained from a t-distribution and degrees of freedom. The components of combined standard uncertainty include the uncertainties due to characterization, homogeneity, long term stability, and short term stability (transport). The components due to stability are generally considered to be negligible unless otherwise indicated by stability studies. The mathematical

$$u_{CRM} = \sqrt{u_{char}^2 + u_{homogeneity}^2 + u_{stability}^2}$$

**Homogeneity assessment:**

Homogeneity was assessed in accordance with ISO Guide 35. Completed units were sampled using a random stratified sampling protocol. The results of chemical analysis were then compared by Single Factor Analysis of Variance (ANOVA). The uncertainty due to homogeneity was derived from the ANOVA. Heterogeneity was not detected under the conditions of the ANOVA.

**Stability assessment:**

Significance of the stability assessment will be demonstrated if the analytical result of the study and the range of values represented by the Expanded Uncertainty do not overlap the result of the original assay and the range of its values represented by the Expanded Uncertainty. The method employed will usually be the same method used to characterize the assay value in the initial

**Certificate of analysis revision history:**

Certificate version	Date	Reason for version
LRAC9004.01	26-Feb-2021	Original Release Date

**Disclaimer:** The purchaser is required to determine the suitability of this product for any particular application. Sigma-Aldrich RTC makes no warranty of any kind, express or implied, other than its products meet all quality control standards set by Sigma-Aldrich RTC. We do not guarantee that the product can be used for any particular application.

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The life science business of Merck KGaA, Darmstadt, Germany operates as MilliporeSigma in the US and Canada.



# Certificate of Analysis

**Product Name:** Benzidines Standard

**Product Number:** US-290-1

**Lot Number:** 0006592783

**Lot Issue Date:** 03-Mar-2021

**Expiration Date:** 30-Apr-2023

**Description:**

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
benzidine	000092-87-5	RM10200	2004 ± 10 µg/mL
3,3'-dichlorobenzidine	000091-94-1	RM12559	2001 ± 10 µg/mL

**Matrix:** methylene chloride (dichloromethane)

**Storage Conditions:** Store at Room Temperature (15° to 30°C).

**Traceability:**

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Intended Use:**

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Instructions for Use:**

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Hazards:**

Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this RM.

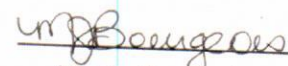
**Expiration of Certification:**

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**



Monica Bourgeois

QMS Representative



ISO 17034 Cert  
 No. AR-1936

RM was produced in accordance with the LRQA registered ISO 9001:2015 Quality Management System. Cert # 10303760

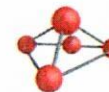
Page: 1 of 1

[www.agilent.com/quality/](http://www.agilent.com/quality/)  
 CSD-QA-015.1



ISO 17025 Cert  
 No. AT-1937





**CERTIFIED WEIGHT REPORT**

Part Number: **92180**  
Lot Number: **020221**  
Description: **CLP Semi-Volatile Calibration Standard**  
64 components  
Expiration Date: **02/2026**  
Recommended Storage: **Freezer (0 °C)**  
Nominal Concentration (µg/mL): **1000**  
NIST Test ID#: **23060**  
Weight(s) shown below were combined and diluted to (mL): **100.0** 5E-05 Balance Uncertainty  
**0.003** Flask Uncertainty

Solvent: **Lot#**  
Methylene chloride **104929**

*Eli Aliaga* 020221  
Formulated By: **Eli Aliaga** DATE  
*Pedro L. Rentas* 020221  
Reviewed By: **Pedro L. Rentas** DATE

Compound	(RM) Part Number	Lot Number	DL Factor	Inlet Vol (mL)	Inlet Conc (µg/mL)	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Uncertainty Pipette (µL)	Target Weight (g)	Actual Weight (g)	Actual Conc (µg/mL)	Expanded Uncertainty (±) (µg/mL)	SDS Information (Solvent Safety info. On Attached pg.)		
														CAS#	OSHA PEL (TWA)	LD50
1. 2,2-Diisobutyl-1-chloropropane	[0078]	012016AR	NA	NA	NA	1000	99.9	0.2	NA	0.10112	0.10135	1002.3	4.2	108-60-1	N/A	ori-rat 240mg/kg
2. Hexachlorobenzene	[0195]	051687	NA	NA	NA	1000	99.9	0.2	NA	0.10102	0.10121	1001.9	4.2	118-74-1	N/A	ori-rat 10µg/kg
3. bis(2-Chloroethoxy) methane	10111	011214	0.05	5.00	20018.4	1000	NA	NA	0.017	NA	NA	1000.8	8.0	111-91-1	N/A	N/A
4. bis(2-Ethylhexyl) ether	10111	011214	0.05	5.00	20012.4	1000	NA	NA	0.017	NA	NA	1000.5	8.0	111-44-4	15 ppm (80mg/m <sup>3</sup> BH)(skin)	ori-rat 75mg/kg
5. bis(2-Ethylhexyl) phthalate	10111	011214	0.05	5.00	20014.3	1000	NA	NA	0.017	NA	NA	1000.6	8.0	117-81-7	5mg/m <sup>3</sup> BH	ori-rat 30600mg/kg
6. 4-Bromophenyl phenyl ether	10111	011214	0.05	5.00	20008.8	1000	NA	NA	0.017	NA	NA	1000.3	8.0	101-55-3	N/A	N/A
7. Benzyl butyl phthalate	10111	011214	0.05	5.00	20011.3	1000	NA	NA	0.017	NA	NA	1000.5	8.0	85-98-7	N/A	ori-rat 2330mg/kg
8. 4-Chlorophenyl phenyl ether	10111	011214	0.05	5.00	20009.5	1000	NA	NA	0.017	NA	NA	1000.4	8.0	7005-72-3	N/A	N/A
9. Diethyl phthalate	10111	011214	0.05	5.00	20013.6	1000	NA	NA	0.017	NA	NA	1000.6	8.0	84-96-2	5mg/m <sup>3</sup> BH	ori-rat 8500mg/kg
10. Dimethyl phthalate	10111	011214	0.05	5.00	20015.7	1000	NA	NA	0.017	NA	NA	1000.7	8.0	131-11-3	5mg/m <sup>3</sup> BH	ori-rat 8500mg/kg
11. Di-n-butyl phthalate	10111	011214	0.05	5.00	20011.6	1000	NA	NA	0.017	NA	NA	1000.5	8.0	84-74-2	5mg/m <sup>3</sup> BH	ori-rat 8000mg/kg
12. Di-n-octyl phthalate	10111	011214	0.05	5.00	20012.2	1000	NA	NA	0.017	NA	NA	1000.5	8.0	117-84-0	N/A	ori-rat 47000mg/kg
13. N-Nitrosodimethylamine	10111	011214	0.05	5.00	20010.0	1000	NA	NA	0.017	NA	NA	1000.4	8.0	62-75-9	N/A	ori-rat 58mg/kg
14. N-Nitrosod-n-propylamine	10111	011214	0.05	5.00	20010.5	1000	NA	NA	0.017	NA	NA	1000.4	8.0	621-64-7	N/A	ori-rat 48mg/kg
15. 1,2-Diphenylhydrazine (as Azobenzene)	10112	042820	0.05	5.00	20003.9	1000	NA	NA	0.017	NA	NA	1000.1	8.1	103-33-3	N/A	ori-rat 1000mg/kg
16. 2-Chloronaphthalene	10112	042820	0.05	5.00	20002.3	1000	NA	NA	0.017	NA	NA	1000.0	8.0	91-58-7	N/A	ori-rat 207mg/kg
17. 1,2-Dichlorobenzene	10112	042820	0.05	5.00	20005.4	1000	NA	NA	0.017	NA	NA	1000.2	8.0	95-50-1	80 ppm (300mg/m <sup>3</sup> ) (CL)	ori-rat 500mg/kg
18. 1,3-Dichlorobenzene	10112	042820	0.05	5.00	20003.7	1000	NA	NA	0.017	NA	NA	1000.1	8.0	541-73-1	N/A	ipr-mus 1062mg/kg
19. 1,4-Dichlorobenzene	10112	042820	0.05	5.00	20006.4	1000	NA	NA	0.017	NA	NA	1000.2	8.0	106-46-7	75 ppm (450mg/m <sup>3</sup> BH)	ori-rat 500mg/kg
20. 2,4-Dinitrotoluene	10112	042820	0.05	5.00	20003.3	1000	NA	NA	0.017	NA	NA	1000.1	8.1	121-14-2	1.5mg/m <sup>3</sup> BH (skin)	ori-rat 268mg/kg
21. 2,6-Dinitrotoluene	10112	042820	0.05	5.00	20002.4	1000	NA	NA	0.017	NA	NA	1000.0	8.0	606-20-2	1.5mg/m <sup>3</sup> BH (skin)	ori-rat 172mg/kg
22. Hexachloro-1,3-butadiene	10112	042820	0.05	5.00	20001.8	1000	NA	NA	0.017	NA	NA	1000.4	12.4	87-88-3	0.02 ppm (0.24mg/m <sup>3</sup> BH)	ori-rat 82mg/kg
23. Hexachlorocyclopentadiene	10112	042820	0.05	5.00	20002.4	1000	NA	NA	0.017	NA	NA	1000.0	8.0	77-47-4	0.01 ppm (0.1mg/m <sup>3</sup> BH)	ori-rat 1300mg/kg
24. Hexachloroethane	10112	042820	0.05	5.00	20002.8	1000	NA	NA	0.017	NA	NA	1000.0	8.0	67-72-1	1 ppm (10mg/m <sup>3</sup> BH)(skin)	ori-pgg 4970mg/kg
25. Isophorone	10112	042820	0.05	5.00	20003.8	1000	NA	NA	0.017	NA	NA	1000.1	8.1	78-59-1	25 ppm	ori-rat 2330mg/kg
26. Nitrobenzene	10112	042820	0.05	5.00	20004.9	1000	NA	NA	0.017	NA	NA	1000.1	8.0	98-95-3	1 ppm (5mg/m <sup>3</sup> BH)(skin)	ori-rat 780mg/kg
27. 1,2,4-Trichlorobenzene	10112	042820	0.05	5.00	20002.0	1000	NA	NA	0.017	NA	NA	1000.0	8.0	120-82-1	5 ppm (20mg/m <sup>3</sup> )	ori-rat 758mg/kg
28. o-Cresol (2-Methylphenol)	10114	081919	0.05	5.00	20010.2	1000	NA	NA	0.017	NA	NA	1000.4	8.0	95-48-7	5 ppm (22mg/m <sup>3</sup> BH)(skin)	ori-rat 121mg/kg
29. p-Cresol (4-Methylphenol)	10114	081919	0.05	5.00	20016.1	1000	NA	NA	0.017	NA	NA	1003.0	8.0	106-44-5	5 ppm (22mg/m <sup>3</sup> BH)(skin)	ori-rat 207mg/kg
30. 2,4,5-Trichlorophenol	10114	081919	0.05	5.00	20002.2	1000	NA	NA	0.017	NA	NA	1001.1	8.0	95-95-4	N/A	ori-rat 820mg/kg
31. 4-Chloroaniline	10115	060512	0.05	5.00	20006.6	1000	NA	NA	0.017	NA	NA	1000.4	8.0	106-47-8	N/A	ori-rat 310mg/kg
32. Dibenzofuran	10115	060512	0.05	5.00	20002.2	1000	NA	NA	0.017	NA	NA	1000.9	8.0	132-64-9	N/A	N/A
33. 2-Methylnaphthalene	10115	060512	0.05	5.00	20012.9	1000	NA	NA	0.017	NA	NA	1000.5	8.1	91-57-6	N/A	ori-rat 1800mg/kg
34. 2-Nitroaniline	10115	060512	0.05	5.00	20011.8	1000	NA	NA	0.017	NA	NA	1000.5	8.0	88-74-4	N/A	ori-rat 1850mg/kg
35. 3-Nitroaniline	10115	060512	0.05	5.00	20018.6	1000	NA	NA	0.017	NA	NA	1000.6	8.0	99-09-2	N/A	ori-rat 535mg/kg
36. 4-Nitroaniline	10115	060512	0.05	5.00	20014.9	1000	NA	NA	0.017	NA	NA	1000.6	8.0	100-01-6	1 ppm (8mg/m <sup>3</sup> BH)(skin)	ori-rat 750mg/kg
37. 4-Chloro-3-methylphenol	10118	072120	0.05	5.00	20003.9	1000	NA	NA	0.017	NA	NA	1000.1	8.0	99-50-7	N/A	ori-rat 1800mg/kg
38. 2-Chlorophenol	10118	072120	0.05	5.00	20002.9	1000	NA	NA	0.017	NA	NA	1000.0	8.0	95-57-8	N/A	ori-rat 670mg/kg
39. 2,4-Dichlorophenol	10118	072120	0.05	5.00	20003.1	1000	NA	NA	0.017	NA	NA	1000.1	8.0	120-83-2	N/A	ori-rat 580mg/kg
40. 2,4-Dimethylphenol	10118	072120	0.05	5.00	20003.3	1000	NA	NA	0.017	NA	NA	1000.1	8.1	105-67-9	N/A	ori-rat 3200mg/kg
41. 2,4-Dinitrophenol	10118	072120	0.05	5.00	20001.8	1000	NA	NA	0.017	NA	NA	1000.0	8.0	51-28-5	N/A	ori-rat 30mg/kg
42. 4,6-Dinitro-2-methylphenol	10118	072120	0.05	5.00	20002.5	1000	NA	NA	0.017	NA	NA	1000.0	8.0	534-52-1	N/A	N/A
43. 2-Nitrophenol	10118	072120	0.05	5.00	20003.7	1000	NA	NA	0.017	NA	NA	1000.1	8.0	88-75-5	N/A	ori-rat 334mg/kg
44. 4-Nitrophenol	10118	072120	0.05	5.00	20002.0	1000	NA	NA	0.017	NA	NA	1000.0	8.0	100-02-7	N/A	ori-rat 250mg/kg
45. Pentachlorophenol	10118	072120	0.05	5.00	20002.8	1000	NA	NA	0.017	NA	NA	1000.0	8.0	87-86-5	0.5mg/m <sup>3</sup> BH (skin)	ori-rat 27mg/kg
46. Phenol	10118	072120	0.05	5.00	20003.9	1000	NA	NA	0.017	NA	NA	1000.1	8.0	108-95-2	5 ppm (18mg/m <sup>3</sup> BH)(skin)	ori-rat 850mg/kg
47. 2,4,6-Trichlorophenol	10118	072120	0.05	5.00	20004.2	1000	NA	NA	0.017	NA	NA	1000.1	8.0	88-06-2	N/A	ori-rat 800mg/kg
48. Acenaphthene	10007	042420	0.50	50.00	2001.2	1000	NA	NA	0.018	NA	NA	1000.5	4.1	83-32-9	N/A	ori-rat 800mg/kg
49. Acenaphthylene	10007	042420	0.50	50.00	2000.2	1000	NA	NA	0.018	NA	NA	1000.0	4.2	208-96-8	N/A	N/A
50. Anthracene	10007	042420	0.50	50.00	2000.3	1000	NA	NA	0.018	NA	NA	1000.1	4.1	120-12-7	0.2mg/m <sup>3</sup> (BH)	ipr-mus 430mg/kg
51. Benzo(a)anthracene	10007	042420	0.50	50.00	2001.3	1000	NA	NA	0.018	NA	NA	1000.6	4.2	56-55-3	N/A	N/A
52. Benzo(a)pyrene	10007	042420	0.50	50.00	2000.0	1000	NA	NA	0.018	NA	NA	999.9	4.1	50-32-8	0.2mg/m <sup>3</sup> (BH)	sci-rat 50mg/kg
53. Benzo(b)fluoranthene	10007	042420	0.50	50.00	2000.9	1000	NA	NA	0.018	NA	NA	1000.4	4.1	205-99-2	N/A	N/A
54. Benzo(k)fluoranthene	10007	042420	0.50	50.00	2001.2	1000	NA	NA	0.018	NA	NA	1000.5	4.1	207-08-9	N/A	N/A
55. Benzo(g,h,i)perylene	10007	042420	0.50	50.00	2000.0	1000	NA	NA	0.018	NA	NA	999.9	4.1	191-94-2	N/A	N/A
56. Carbazole	10007	042420	0.50	50.00	2000.3	1000	NA	NA	0.018	NA	NA	1000.0	4.2	86-74-8	N/A	ipr-mus 200mg/kg
57. Chrysene	10007	042420	0.50	50.00	2000.8	1000	NA	NA	0.018	NA	NA	1000.3	4.2	218-01-9	0.2mg/m <sup>3</sup>	N/A
58. Dibenz(a,h)anthracene	10007	042420	0.50	50.00	2000.8	1000	NA	NA	0.018	NA	NA	1000.3	4.2	53-70-3	0.2mg/m <sup>3</sup>	N/A
59. Fluorene	10007	042420	0.50	50.00	2000.3	1000	NA	NA	0.018	NA	NA	1000.1	4.2	206-44-0	N/A	ori-rat 2000mg/kg
60. Fluoranthene	10007	042420	0.50	50.00	2000.9	1000	NA	NA	0.018	NA	NA	1000.3	4.2	86-73-7	N/A	ipr-mus 2 µg/kg
61. Indeno(1,2,3-cd)pyrene	10007	042420	0.50	50.00	2000.1	1000	NA	NA	0.018	NA	NA	1000.0	4.1	193-39-5	N/A	N/A
62. Naphthalene	10007	042420	0.50	50.00	2000.9	1000	NA	NA	0.018	NA	NA	1000.4	4.1	91-20-3	10 ppm (50mg/m <sup>3</sup> BH)	ori-rat 480mg/kg
63. Phenanthrene	10007	042420	0.50	50.00	2000.9	1000	NA	NA	0.018	NA	NA	1000.4	4.1	85-01-8	0.2mg/m <sup>3</sup> BH	ori-mus 700mg/kg
64. Pyrene	10007	042420	0.50	50.00	2001.0	1000	NA	NA	0.018	NA	NA	1000.4	4.2	129-00-0	0.2mg/m <sup>3</sup> BH	ori-rat 2700mg/kg

\*The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.  
 \*Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).  
 \*Standards are certified ±0.2% of the stated value, unless otherwise stated.  
 \*All Standards, after opening ampule, should be stored with cap tight and under appropriate laboratory conditions.  
 \*Uncertainty Reference: Taylor, B.N. and Kuyat, C.L., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Results," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, 1994.

**ID #: 14074**

Opened: \_\_\_\_\_  
 CLP Semivolatile Calibration Standard

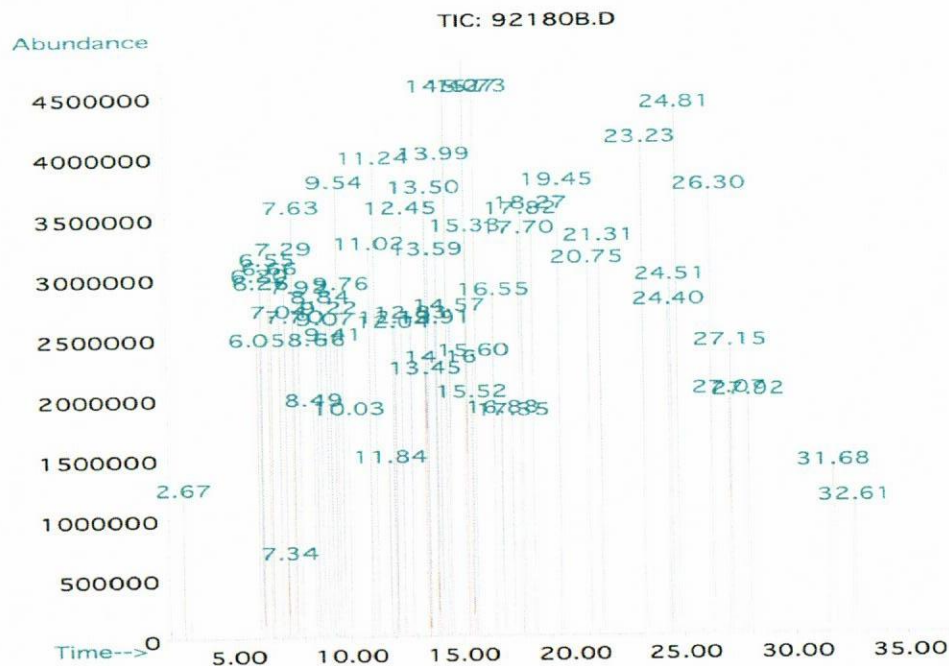
**Expires: 2/2/2021**

Rec'd: 7/16/2021

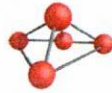
Eneray Laboratories Inc 1120 So. 27th Street  
 Billings MT 59107



Method GC8MSD-2.M; Column:SBB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (14 min.), Rate = 10°C/min., Injector B= 250°C, Detector B = 290°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by Melissa Stonier.



Peak No	Name	MSD RT (min.)
1	N-nitrosodimethylamine	2.67
2	Phenol	6.05
3	bis(2-Chloroethyl)ether	6.20
4	2-Chlorophenol	6.26
5	1,3-Dichlorobenzene	6.55
6	1,4-Dichlorobenzene	6.63
7	1,2-Dichlorobenzene	7.04
8	o-Cresol (2-methylphenol)	7.29
9	bis(2-Chloroisopropyl)ether	7.34
10	p-Cresol (4-methylphenol)/N-nitrosopropylamine	7.63
11	Hexachloroethane	7.70
12	Nitrobenzene	7.92
13	Isophorane	8.49
14	2-Nitrophenol	8.66
15	2,4-Dimethylphenol	8.84
16	bis(2-Chloroethoxy)methane	9.07
17	2,4-Dichlorophenol	9.22
18	1,2,4-Trichlorobenzene	9.41
19	Naphthalene	9.54
20	4-Chloroaniline	9.76
21	Hexachloro-1,3-butadiene	10.03
22	4-Chloro-3-methylphenol	11.02
23	2-Methylnaphthalene	11.24
24	Hexachlorocyclopentadiene	11.84
25	2,4,6-Trichlorophenol	12.04
26	2,4,5-Trichlorophenol	12.13
27	2-Chloronaphthalene	12.45
28	2-Nitroaniline	12.84
29	Dimethyl phthalate	13.45
30	Acenaphthylene	13.50
31	2,6-Dinitrotoluene	13.59
32	3-Nitroaniline	13.91
33	Acenaphthene	13.99
34	2,4-Dinitrophenol	14.16
35	Dibenzofuran/4-Nitrophenol	14.40
36	2,4-Dinitrotoluene	14.57
37	Diethyl phthalate/Fluorene	15.27
38	4-Chlorophenyl phenyl ether	15.33
39	4-Nitroaniline	15.52
40	4,6-Dinitro-2-methylphenol	15.60
41	Azobenzene	15.73
42	4-Bromophenyl phenyl ether	16.56
43	Hexachlorobenzene	16.89
44	Pentachlorophenol	13.35
45	Phenanthrene	17.70
46	Anthracene	17.82
47	Carbazole	18.27
48	Di-n-butyl phthalate	19.45
49	Fluoranthene	20.75
50	Pyrene	21.31
51	Benzyl butyl phthalate	23.23
52	Benzo(a)anthracene	24.40
53	Chrysene	24.51
54	bis(2-Ethylhexyl)phthalate	24.82
55	Di-n-octyl phthalate	26.30
56	Benzo(b)fluoranthene	27.07
57	Benzo(k)fluoranthene	27.15
58	Benzo(a)pyrene	27.92
59	Indeno(1,2,3-cd)pyrene/Dibenzo(a,h)anthracene	31.68
60	Benzo(g,h,i)perylene	32.61

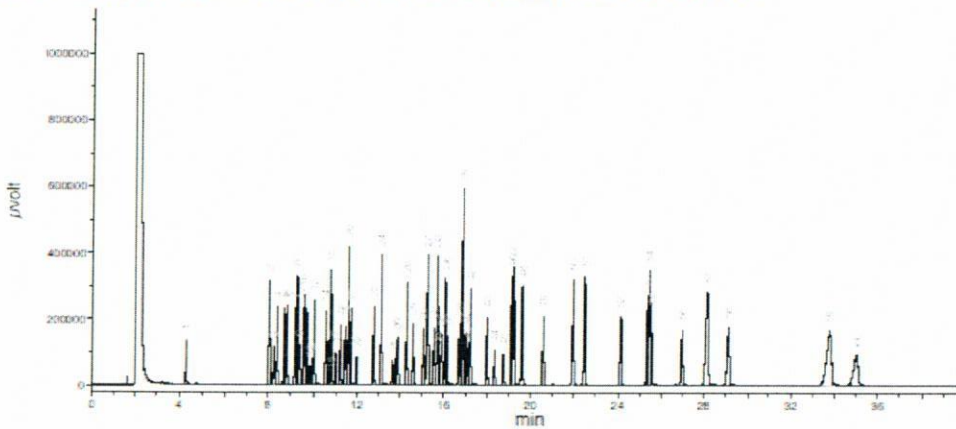


Run 19, "P92180 L020221 [1000µg/mL in MeCl2]"

Run Length: 40.00 min, 23999 points at 10 points/second.  
Created: Sat, Feb 6, 2021 at 4:44:57 AM.  
Sampled: Sequence "020521-GC4M2", Method "GC4-M2".  
Analyzed using Method "GC4-M2".

Comments

GC4-M2 Analysis by Melissa Stonier  
Column ID SPB-5 L#60062-01A 30 meter x 0.53mm x 1.5µm Film Thickness.  
Flow rates: Total Flow = 300 ml/min, Helium (carrier) = 6.5 mL, Helium (make-up) = 25 mL.  
Hydrogen (detector) = 30 mL, Air (detector) = 360 mL Oven Temp 1 = 50°C (1 min).  
Rate = 10°C/min, Oven Temp 2 = 300°C (14 min), Total Run Time = 40 Minutes. Injector Temp = 250°C.  
FID Temp = 300°C, FID Signal = eDaq Channel 1.  
Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard injection = 0.5 µL, Range = 3



Peak No	Name	FID RT (min.)
1	N-nitrosodimethylamine	4.30
2	Phenol	6.05
3	bis(2-Chloroethyl)ether	6.25
4	2-Chlorophenol	6.40
5	1,3-Dichlorobenzene	6.71
6	1,4-Dichlorobenzene	6.80
7	1,2-Dichlorobenzene	9.19
8	o-Cresol (2-methylphenol)	9.27
9	bis(2-Chloroisopropyl)ether	9.38
10	p-Cresol (4-methylphenol)/N-nitrosodipropylamine	9.39
11	Hexachloroethane	9.70
12	Nitrobenzene	9.85
13	Isophorone	10.02
14	2-Nitrophenol	10.53
15	2,4-Dimethylphenol	10.74
16	bis(2-Chloroethoxy)methane	10.81
17	2,4-Dichlorophenol	10.97
18	1,2,4-Trichlorobenzene	11.21
19	Naphthalene	11.43
20	4-Chloroaniline	11.57
21	Hexachloro-1,3-butadiene	11.70
22	4-Chloro-3-methylphenol	11.96
23	2-Methylnaphthalene	12.77
24	Hexachlorocyclopentadiene	13.14
25	2,4,6-Trichlorophenol	13.65
26	2,4,5-Trichlorophenol	13.83
27	2-Chloronaphthalene	13.91
28	2-Nitroaniline	14.26
29	Dimethyl phthalate	14.56
30	Acenaphthylene	15.05
31	2,6-Dinitrotoluene	15.25
32	3-Nitroaniline	15.54
33	Acenaphthene	15.69
34	2,4-Dinitrophenol	15.77
35	Dibenzofuran, 4-Nitrophenol	15.89
36	2,4-Dinitrotoluene	16.06
37	Diethyl phthalate/Fluorene	16.14
38	4-Chlorophenyl phenyl ether	16.72
39	4-Nitroaniline	16.87
40	4,6-Dinitro-2-methylphenol	17.00
41	Azobenzene	17.09
42	4-Bromophenyl phenyl ether	17.23
43	Hexachlorobenzene	18.00
44	Pentachlorophenol	18.36
45	Phenanthrene	18.76
46	Anthracene	19.13
47	Carbazole	19.24
48	Di-n-butyl phthalate	19.61
49	Fluoranthene	20.55
50	Pyrene	21.96
51	Benzyl butyl phthalate	22.49
52	Benzo(a)anthracene	24.11
53	Chrysene	25.34
54	bis(2-Ethylhexyl)phthalate	25.45
55	Di-n-octyl phthalate	25.52
56	Benzo(b)fluoranthene	26.98
57	Benzo(k)fluoranthene	28.16
58	Benzo(a)pyrene	29.10
59	Indeno(1,2,3-cd)pyrene/Dibenzo(a,h)anthracene	33.79
60	Benzo(g,h,i)perylene	35.02

# CERTIFICATE OF ANALYSIS

**Catalog No:** S-14500-R2  
**Description:** Custom Semi-Volatile Standard  
**Lot:** 220021255-02  
**Solvent:** Dichloromethane  
**Hazards:** Refer to SDS for complete safety information

**Date Certified:** Aug 31, 2021  
**Expiration:** Oct 1, 2022  
**Sample Size:** 1 mL  
**Components:** 10  
**Storage Condition:** Freeze (<-10 °C)/Sonicate



Signal Word: Warning

Certified Reference Material



AR-1463

Component	CAS #	Purity % (GC/MS)	Prepared Concentration <sup>2</sup> (µg/mL)	Certified Analyte Concentration <sup>1</sup> (µg/mL)
Pyridine				
4-Chlorophenol	110-86-1	98.7	2026	2000
1-Methylnaphthalene	106-48-9	100.0	2019	2019
N-Nitrosodiphenylamine	90-12-0	98.5	2003	1973
4-Chloro-2-methylphenol	86-30-6	100.0	2022	2022
Benzoic acid	1570-64-5	97.0	2069*	2007
Aniline	65-85-0	99.5	2010	2000
Benzyl alcohol	62-53-3	98.0	2002	1962
Triallate	100-51-6	99.9	2011	2009
o-Terphenyl	2303-17-5	99.9	2013	2011
	84-15-1	99.9	2019	2017

**ID #: 14279**  
Opened: \_\_\_\_\_  
Custom Semi-Volatile Standard  
**Expires: 10/1/2022**  
Rec'd: 9/16/2021  
Enerav Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

This Certified Reference Material was verified in accordance with ISO/IEC 17025

\* Weight compensated to 100% purity.

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

<sup>2</sup> All weights are traceable through NIST, Test No. 684/289871-17

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.


The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By:   
Larry Decker, Organic QC Manager