PREP BATCH REPORT

Prep Code: **SVOC-3510C-8270** Technician: **Zachary B. Zaccardi** Prep Start Date: **1/17/2022 10:29:52 A**

Prep Batch **162980** Prep Temp **NA °C** Batch Units: **ML** Prep End Date: **1/21/2022 2:15:00 PM**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
MB-162980		6	1000	0	0	1.00	0.001		1/17/2022	1/21/2022
Supervised by RJB										
LCS-162980		6	1000	0	0	1.00	0.001		1/17/2022	1/21/2022
LCSD-162980		6	1000	0	0	1.00	0.001		1/17/2022	1/21/2022
LLCS-162980		6	1000	0	0	1.00	0.001		1/17/2022	1/21/2022
LLCSD-162980		6	1000	0	0	1.00	0.001		1/17/2022	1/21/2022
B22010819-002E	Aqueous	7	1050	0	0	1.00	0.000952		1/17/2022	1/21/2022
Sample had a yellow tint										
B22010872-001H	Aqueous	6	1040	0	0	1.00	0.000962		1/17/2022	1/21/2022
Sample was a coudy orange										
B22010875-001H	Aqueous	6	1050	0	0	1.00	0.000952		1/17/2022	1/21/2022
Sample was a cloudy yellow										
B22010875-002H	Aqueous	5	1050	0	0	1.00	0.000952		1/17/2022	1/21/2022
Sample was clear										
B22010880-001H	Aqueous	6	1050	0	0	1.00	0.000952		1/17/2022	1/21/2022
Sample was a coudy orange (Sample double spiked with surrogate JPH 1/27/22)										
B22010880-002H	Aqueous	6	1050	0	0	1.00	0.000952		1/17/2022	1/21/2022
Sample was a coudy orange										
B22010891-001H	Aqueous	6	1050	0	0	1.00	0.000952		1/17/2022	1/21/2022
Sample was a coudy orange										
B22010891-002H	Aqueous	6	1050	0	0	1.00	0.000952		1/17/2022	1/21/2022
Sample was a coudy orange										
B22010872-001HMS	Aqueous	6	500	0	0	1.00	0.002		1/17/2022	1/21/2022
Sample was a coudy orange										
B22010971-001C	Ground Water	6	1020	0	0	1.00	0.00098		1/17/2022	1/21/2022
Sample was clear (1/2)										

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
14747	Dichloromethane EC849	11/1/2023	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
FP220118 14244	DCM RINSED FILTER PAPER	ALL		4/6/2026
Sulfate 01/18/22 (	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

Prep Code: **SVOC-3510C-8270** Technician: **Zachary B. Zaccardi** Prep Start Date: **1/17/2022 10:29:52 A**

Prep Batch **162980** Prep Temp **NA °C** Batch Units: **ML** Prep End Date: **1/21/2022 2:15:00 PM**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
B22010972-001C	Ground Water	6	1050	0	0	1.00	0.000952		1/17/2022	1/21/2022
Sample was clear (1/2)										
B22010973-001C	Ground Water	6	1040	0	0	1.00	0.000962		1/17/2022	1/21/2022
Sample was clear (1/2)										
B22010974-001C	Ground Water	6	1000	0	0	1.00	0.001		1/17/2022	1/21/2022
Sample was clear (1/2)										
B22010975-001C	Ground Water	6	950	0	0	1.00	0.00105		1/17/2022	1/21/2022
Sample was clear (1/2)										
B22010976-001C	Ground Water	6	970	0	0	1.00	0.00103		1/17/2022	1/21/2022
Sample was clear (1/2)										
B22010977-001C	Ground Water	6	1050	0	0	1.00	0.000952		1/17/2022	1/21/2022
Sample was clear (1/2)										
B22010978-001C	Ground Water	6	1050	0	0	1.00	0.000952		1/17/2022	1/21/2022
Sample was clear (1/2)										
B22010979-001C	Ground Water	6	1050	0	0	1.00	0.000952		1/17/2022	1/21/2022
Sample was clear (1/2)										
B22010980-001C	Ground Water	6	1050	0	0	1.00	0.000952		1/17/2022	1/21/2022
Sample was clear (1/2)										
B22010971-001CMS	Ground Water	6	990	0	0	1.00	0.00101		1/17/2022	1/21/2022
Sample was clear (2/2)										
B22010972-001CLMS	Ground Water	6	1030	0	0	1.00	0.000971		1/17/2022	1/21/2022
Sample was clear (2/2)										
B22010980-001CLMS	Ground Water	6	1050	0	0	1.00	0.000952		1/18/2022	1/21/2022
Sample was clear (2/2)										

Number	Reagent Name	Exp Date	A
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
14747	Dichloromethane EC849	11/1/2023	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
FP220118 14244	DCM RINSED FILTER PAPER	ALL		4/6/2026
Sulfate 01/18/22 (	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%	

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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%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
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

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
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	√5975.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	√5975.I\sh0114221/14/2022 9:34:1		1	162910	12/14/2021	0	0	

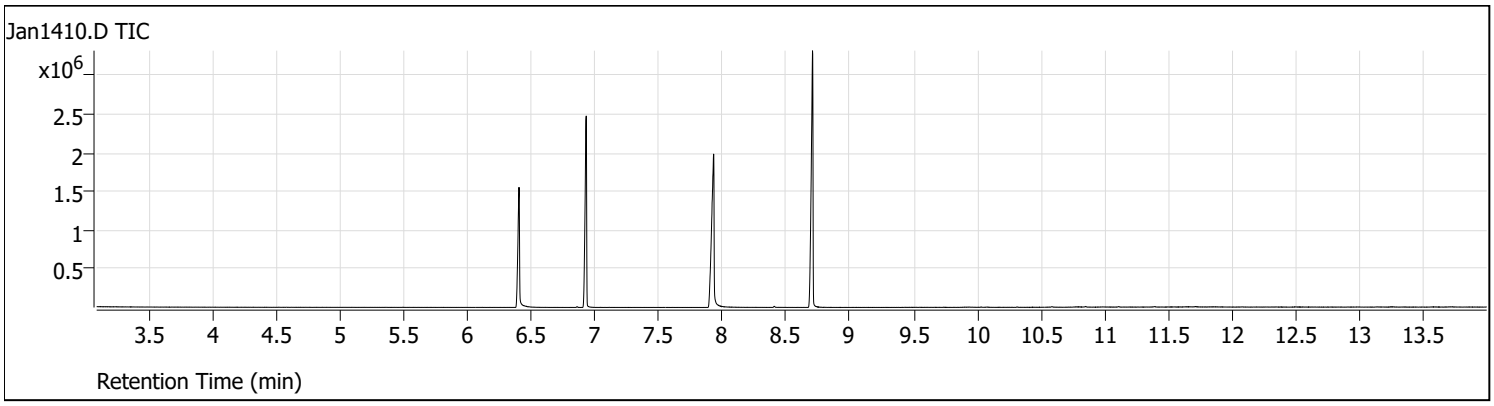
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

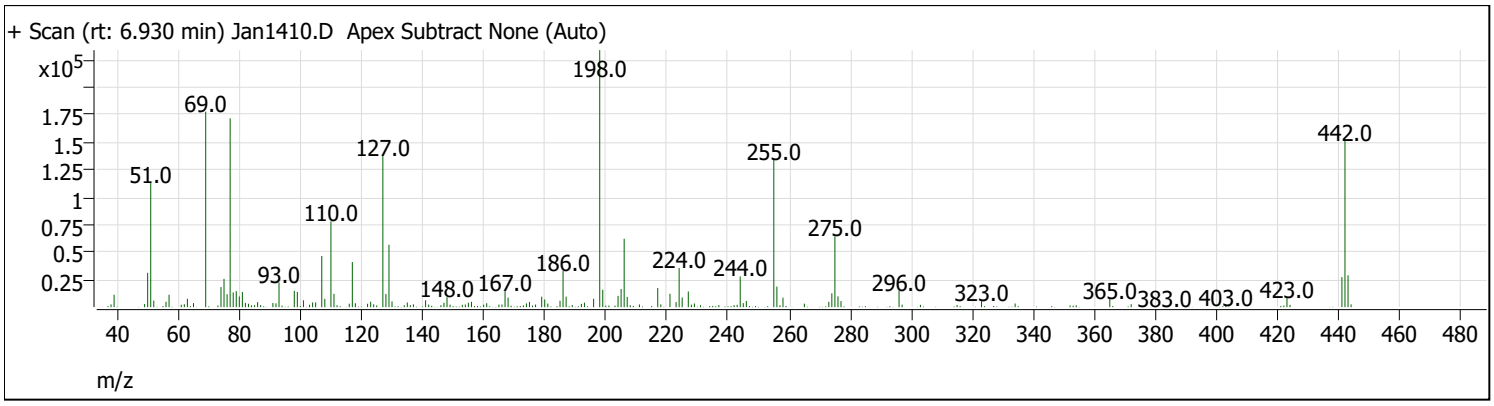
Write Sequence | Insert Entries(Have the first cell for entries selecte

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

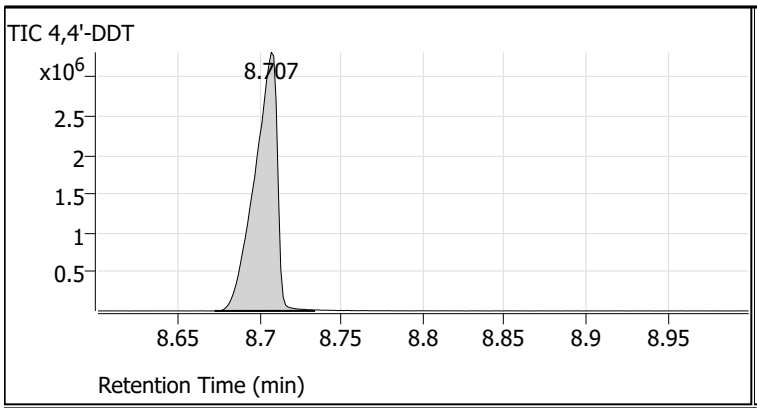
Data Path:	\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1410.D
Acq on:	1/14/2022 4:18:41 PM
Operator:	LIMS import
Sample:	14-Jan-22_TUNE_10
Inst Name:	GCMS
ALS Vial:	1
Method:	\\MASSHUNTER\Org\Data\SV5975.I\Methods\DFTPP5975625.m

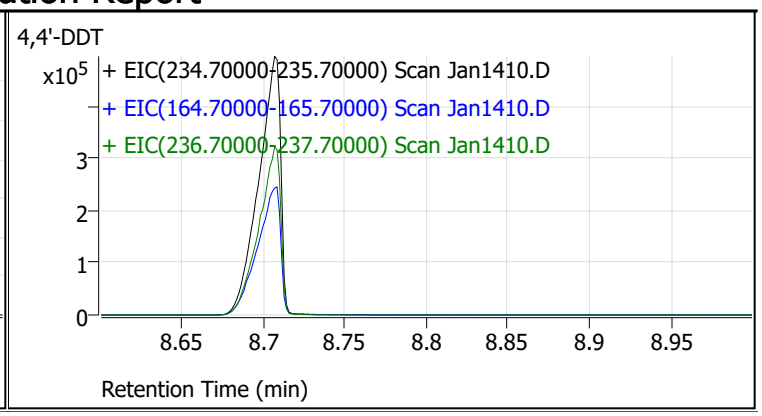


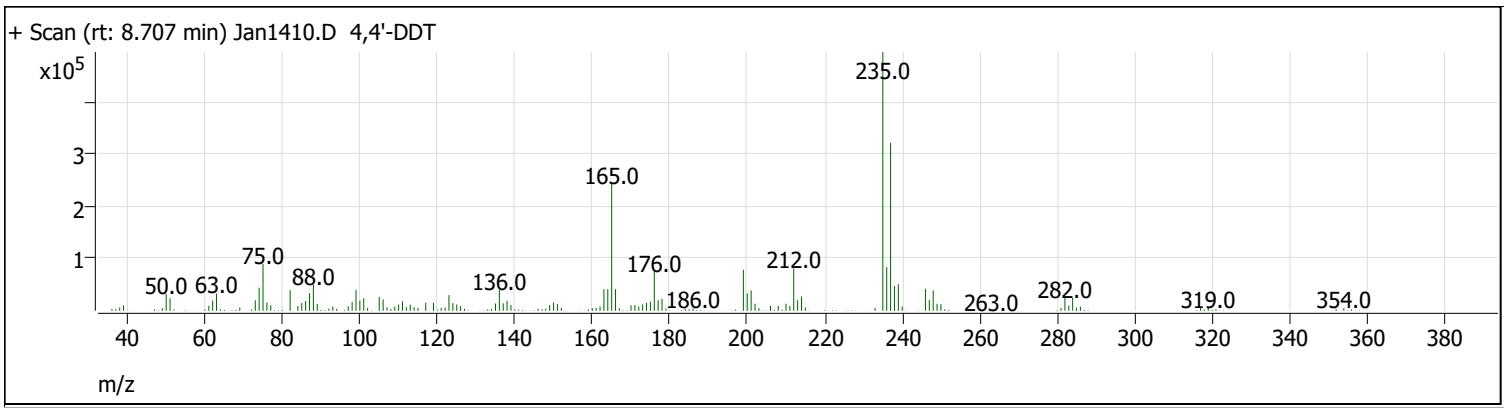


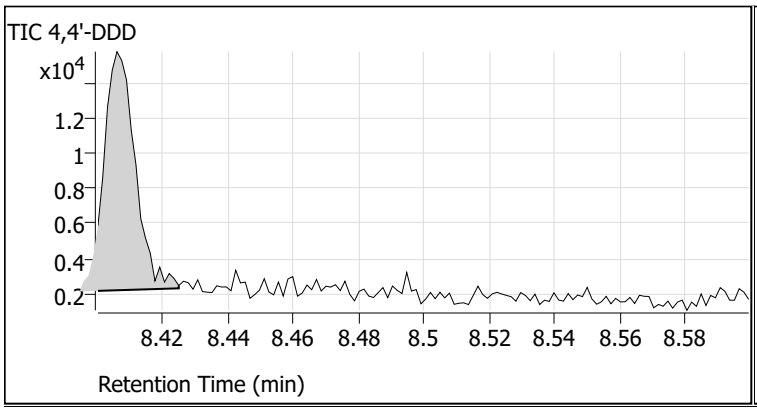
Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
51	198	30	60	48.4	113144	Pass
68	69	0	2	0.0	0	Pass
70	69	0	2	0.4	742	Pass
127	198	40	60	58.8	137600	Pass
197	198	0	1	0.0	0	Pass
198	198	100	100	100.0	233856	Pass
199	198	5	9	6.8	15867	Pass
275	198	10	30	27.6	64440	Pass
365	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

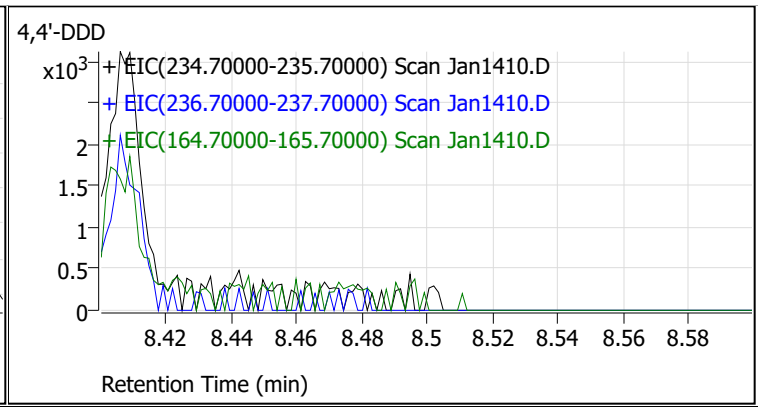
Tune Evaluation Report

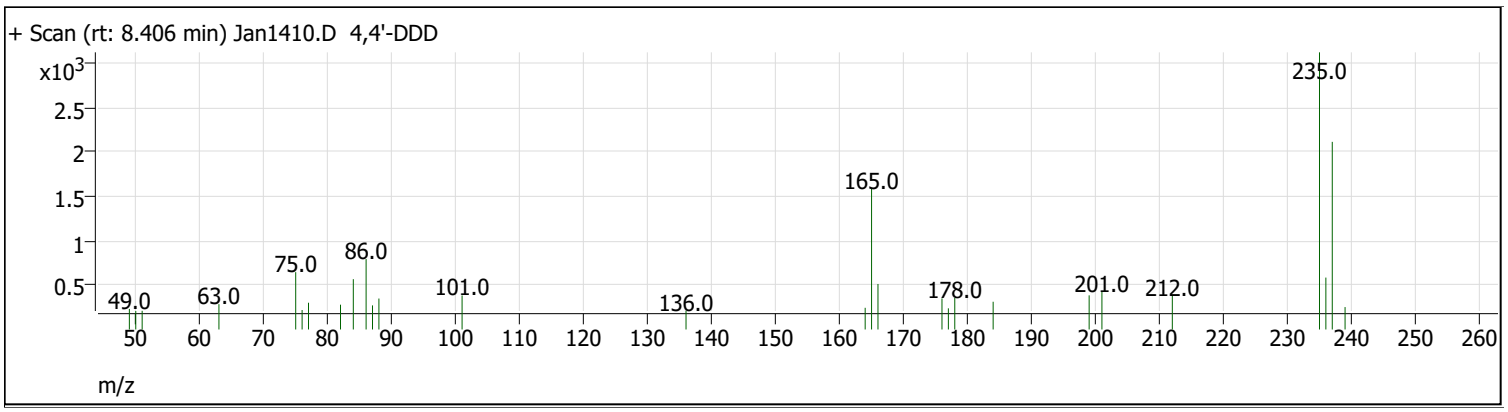


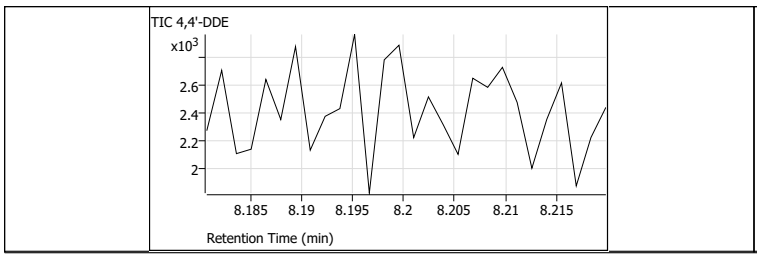


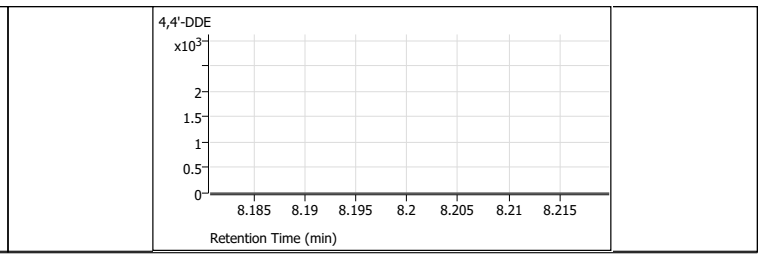




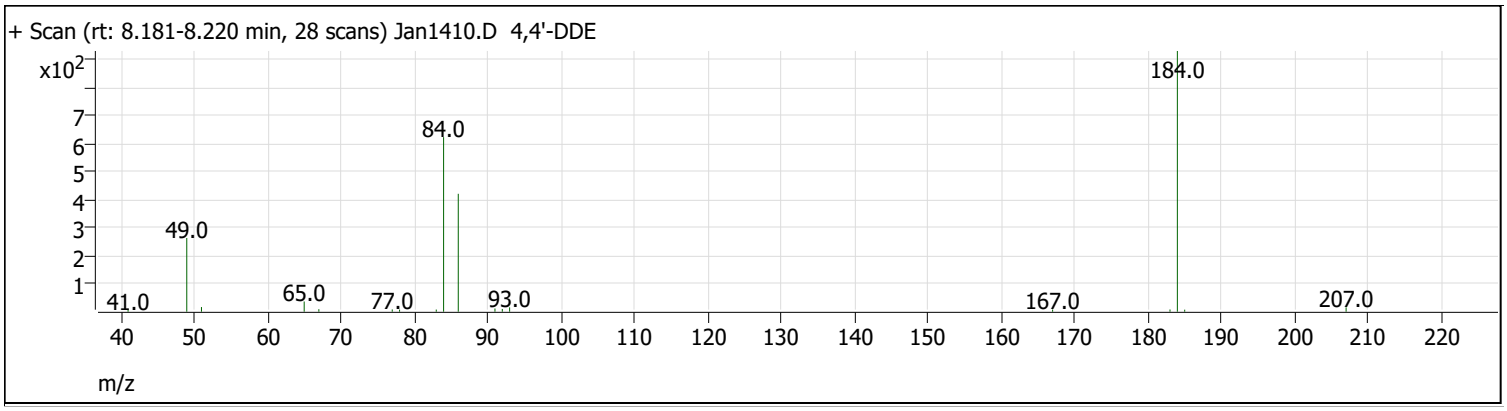






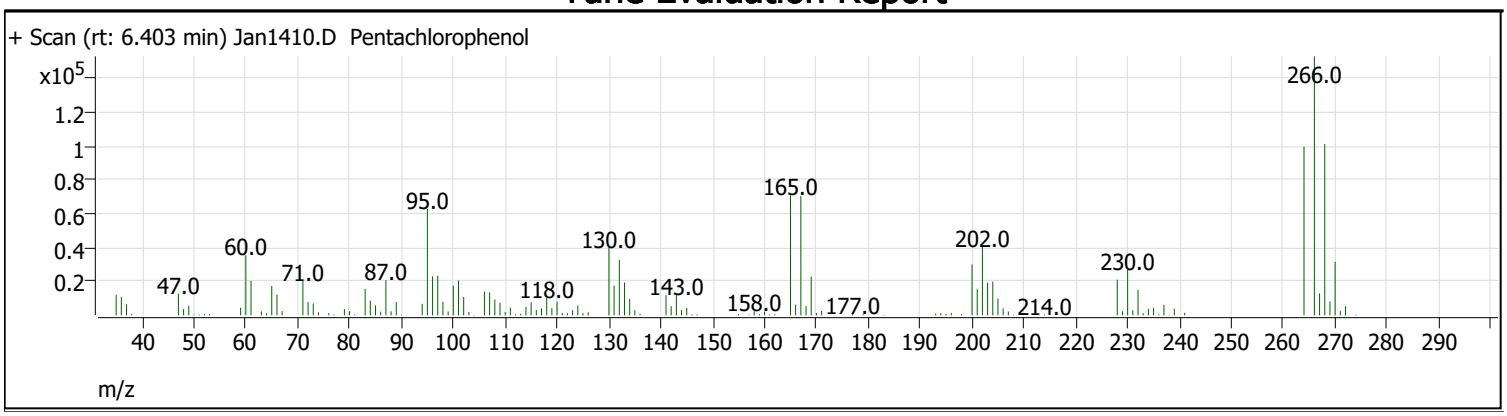


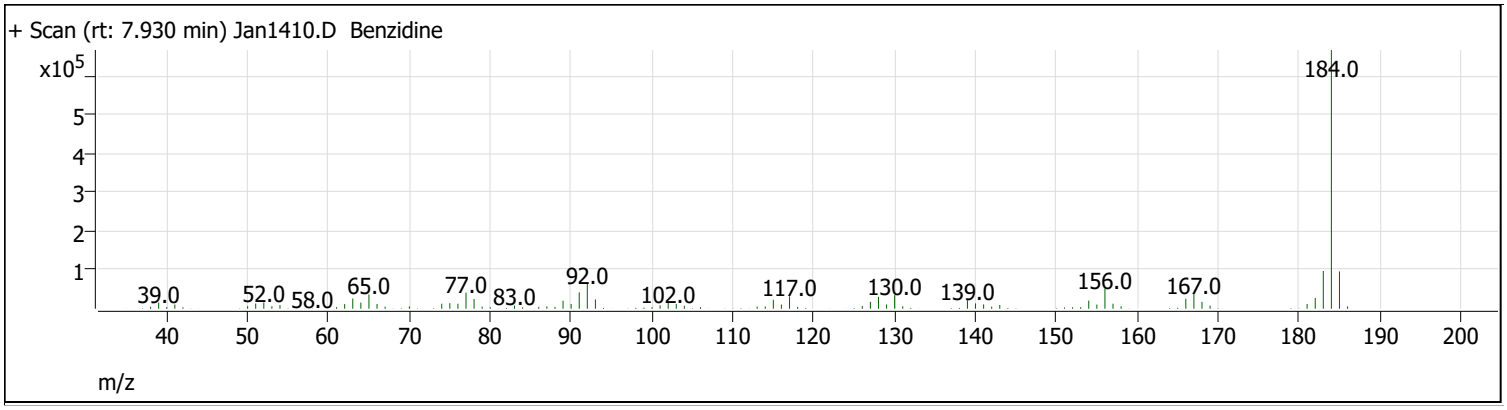
Tune Evaluation Report



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



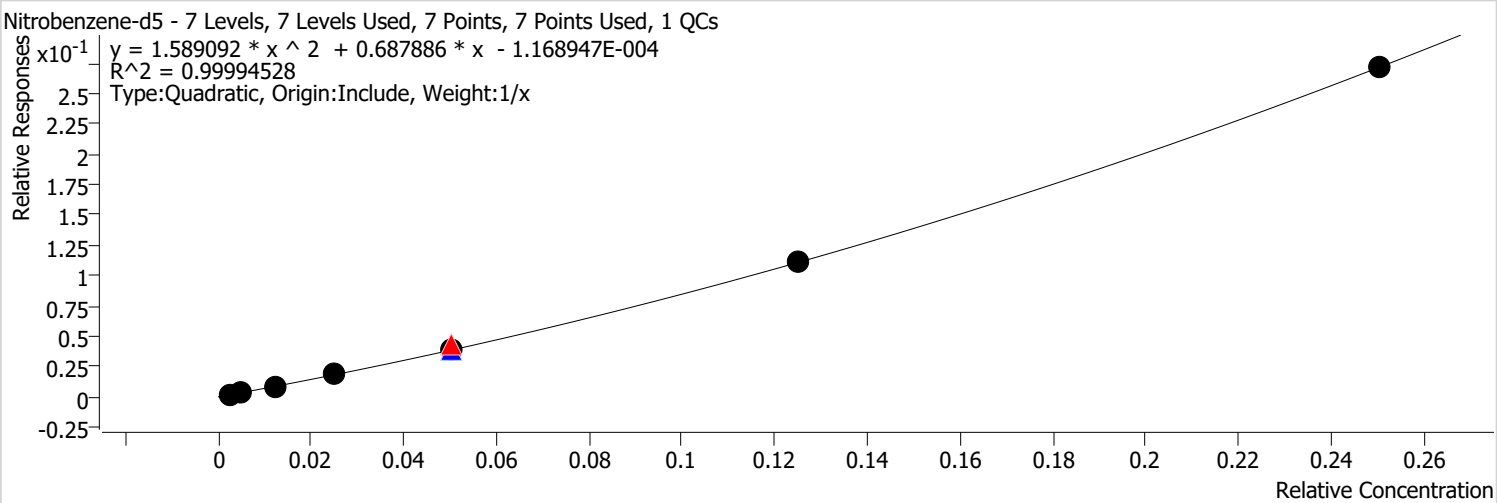


Compound Name	Expected RT	Observed RT	Tailing Factor	PGF	Pass/Fail
Pentachlorophenol	6.800	6.403	0.4	4.1	Pass
Benzidine	8.400	7.930	0.2	2.7	Pass

Calibration Report

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

Nitrobenzene-d5 %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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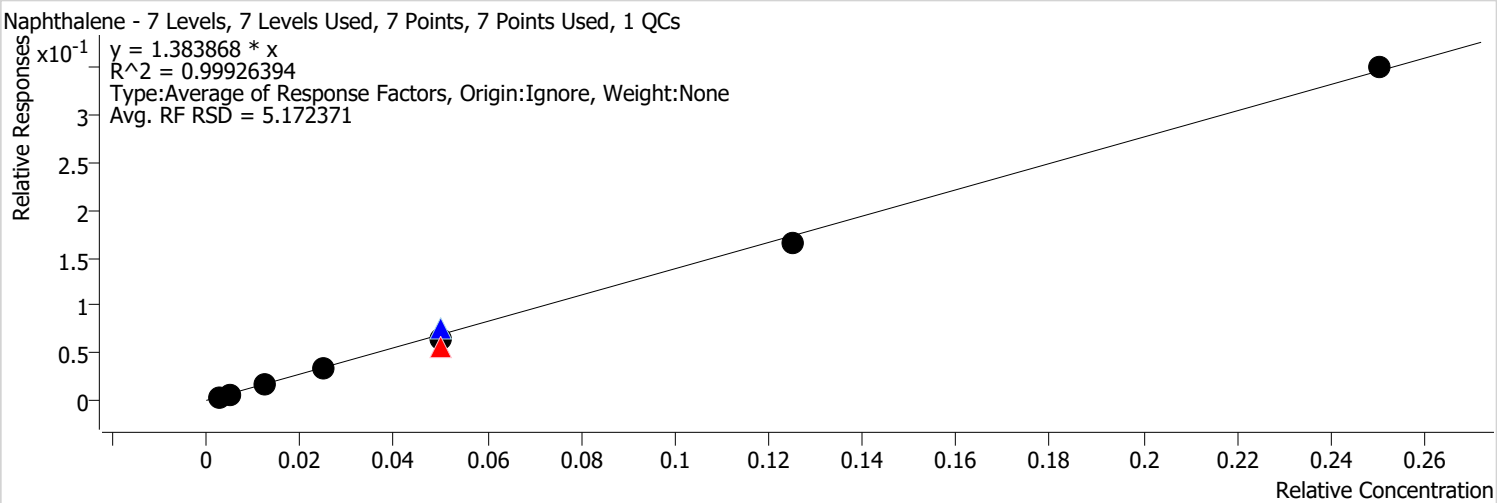
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	517	0.2000	0.6299	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	1431	0.5000	0.6832	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	3242	1.0000	0.7196	
\\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	

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

Naphthalene %RSE = 5.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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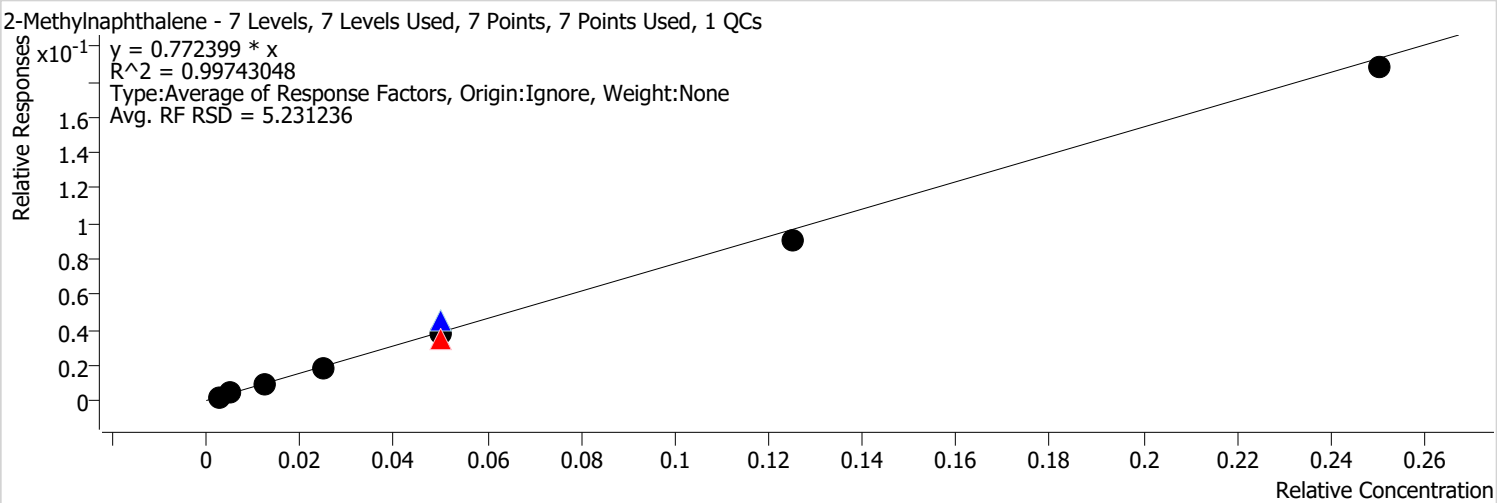
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	2073	0.2000	1.3815	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1415.D	Calibration	3	x	5189	0.5000	1.3850	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1414.D	Calibration	4	x	11085	1.0000	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	

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

2-Methylnaphthalene %RSE = 5.2

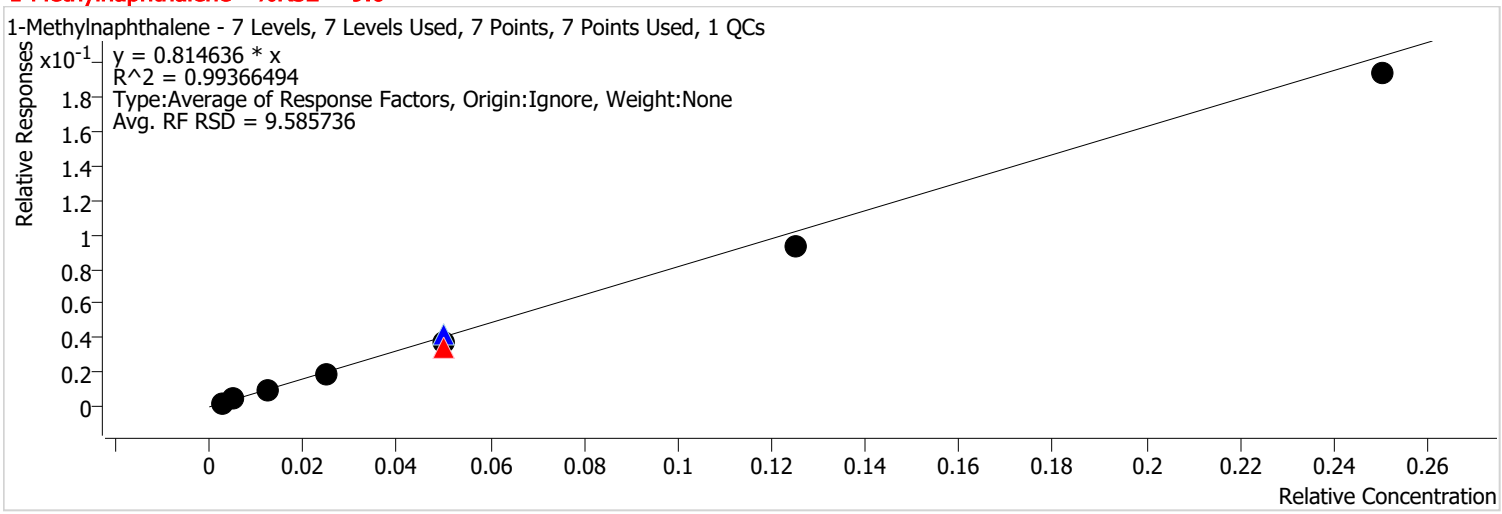


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	617	0.1000	0.8496	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	1180	0.2000	0.7863	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 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

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

1-Methylnaphthalene %RSE = 9.6

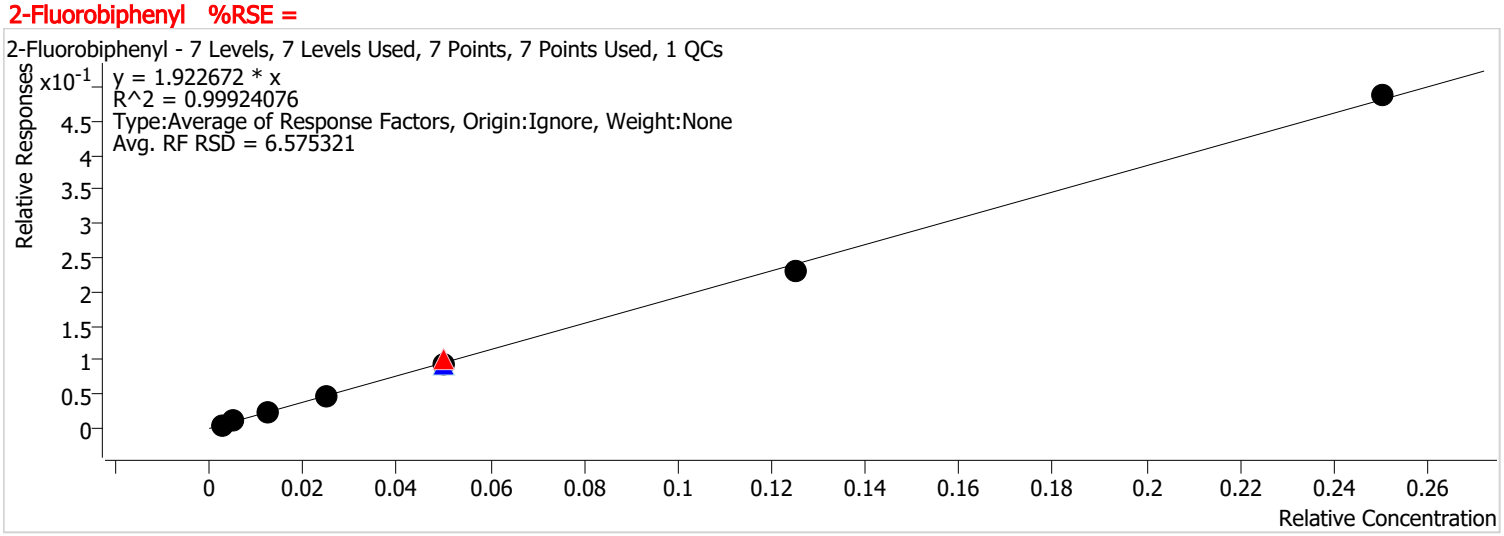


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1417.D	Calibration	1	x	700	0.1000	0.9631	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1416.D	Calibration	2	x	1294	0.2000	0.8626	
\\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 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

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

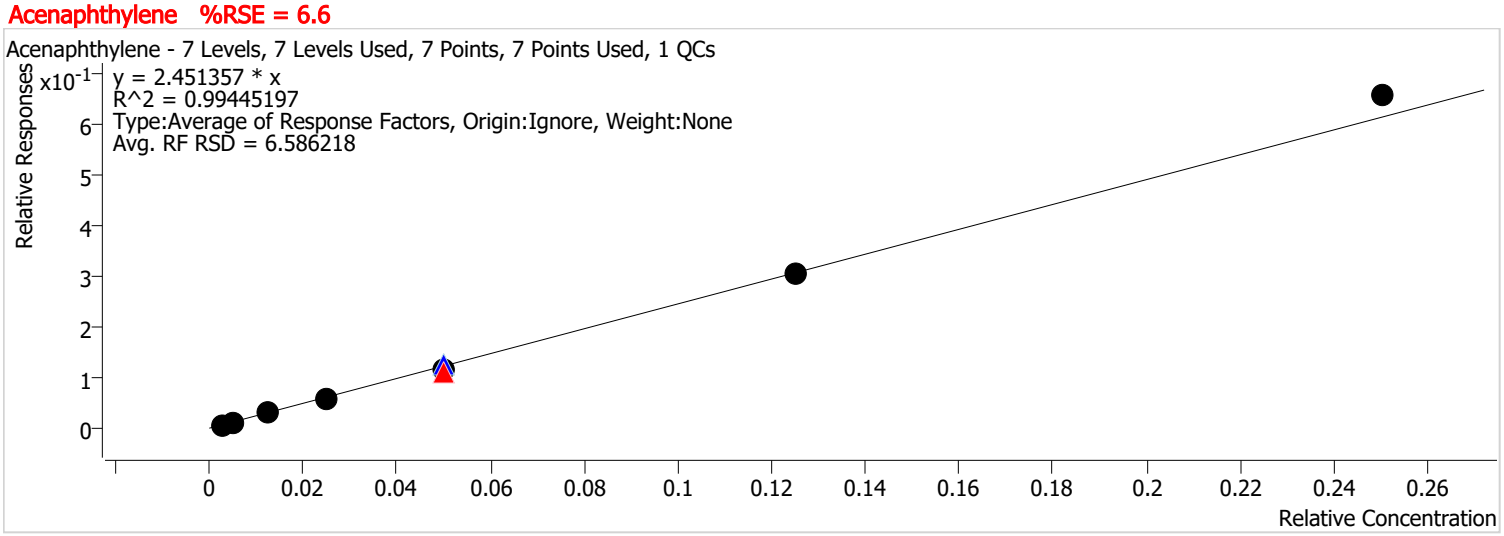
2-Fluorobiphenyl %RSE =



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	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	

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

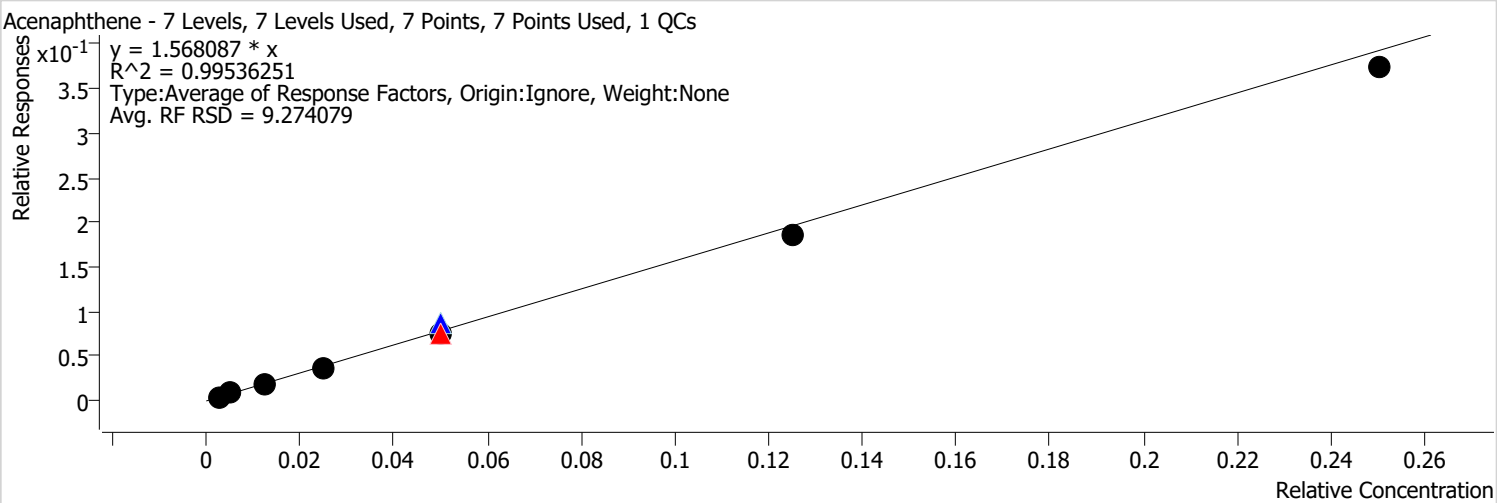
Acenaphthylene %RSE = 6.6



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	

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

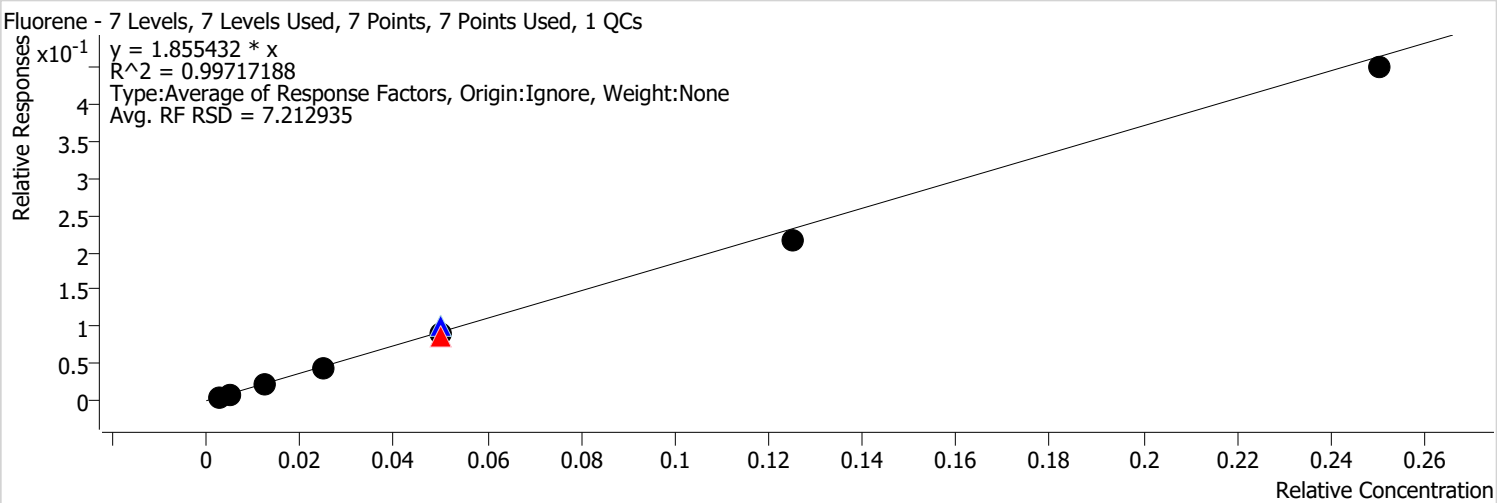
Acenaphthene %RSE = 9.3



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	

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

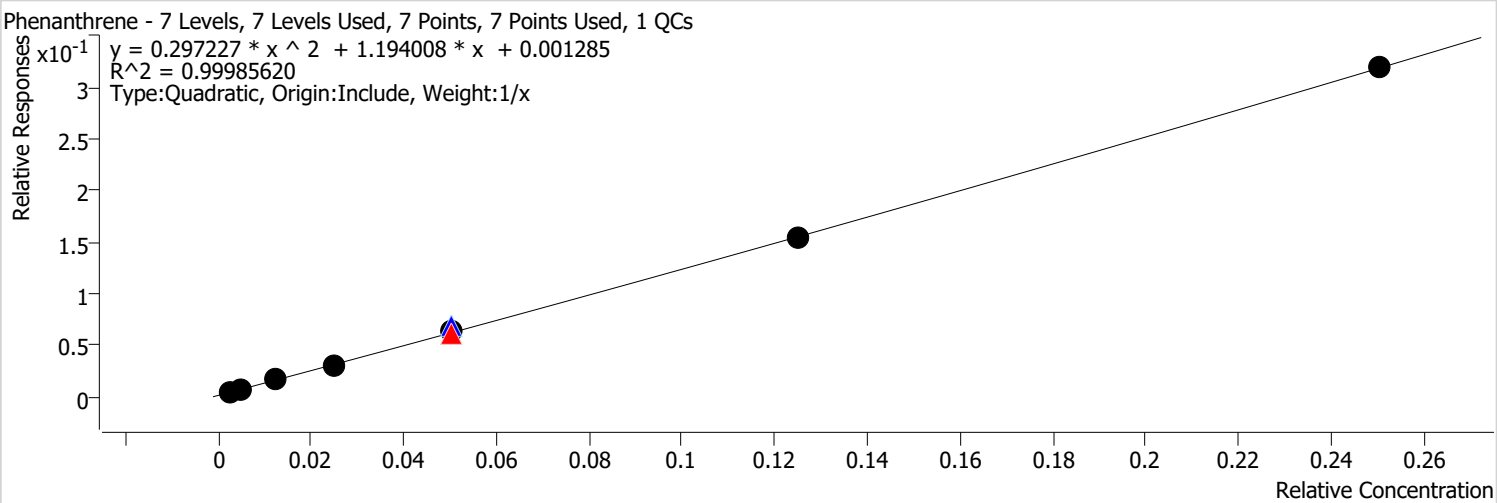
Fluorene %RSE = 7.2



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	

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

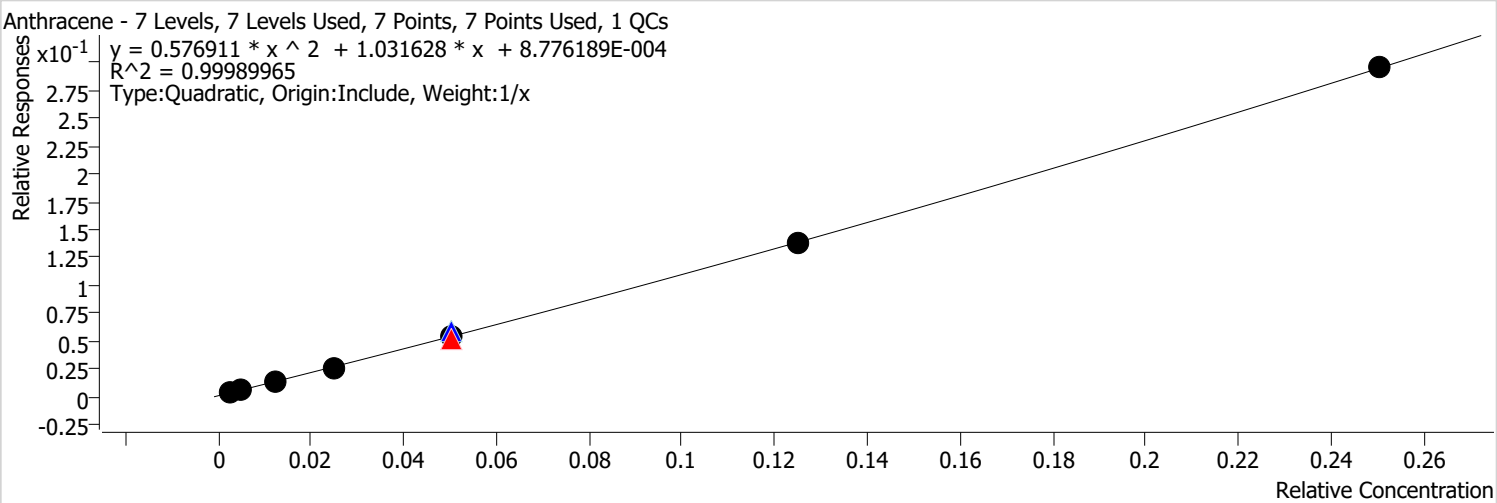
Phenanthrene %RSE = 2.3



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	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	

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

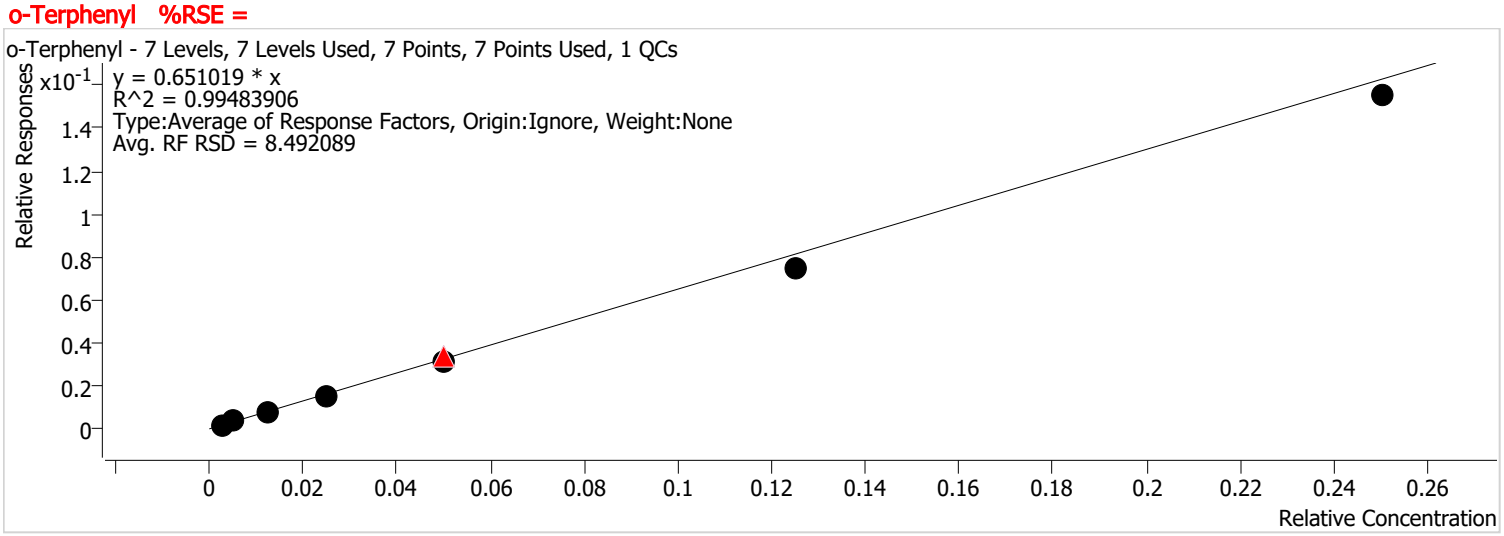
Anthracene %RSE = 1.8



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	

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

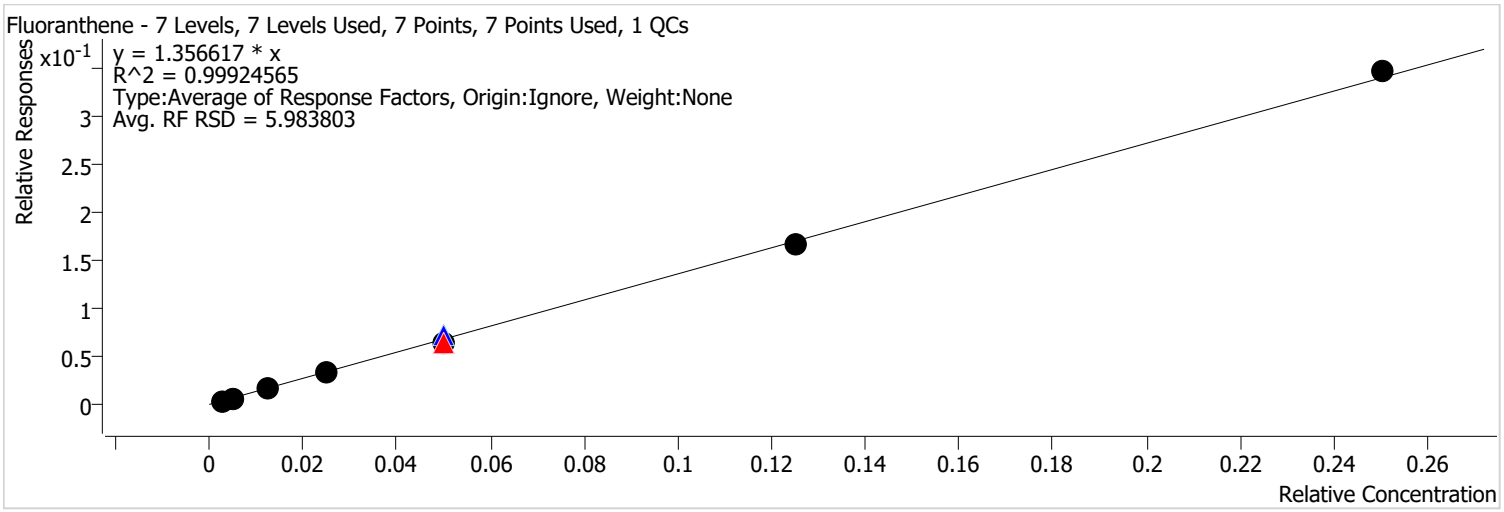
o-Terphenyl %RSE =



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	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	

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

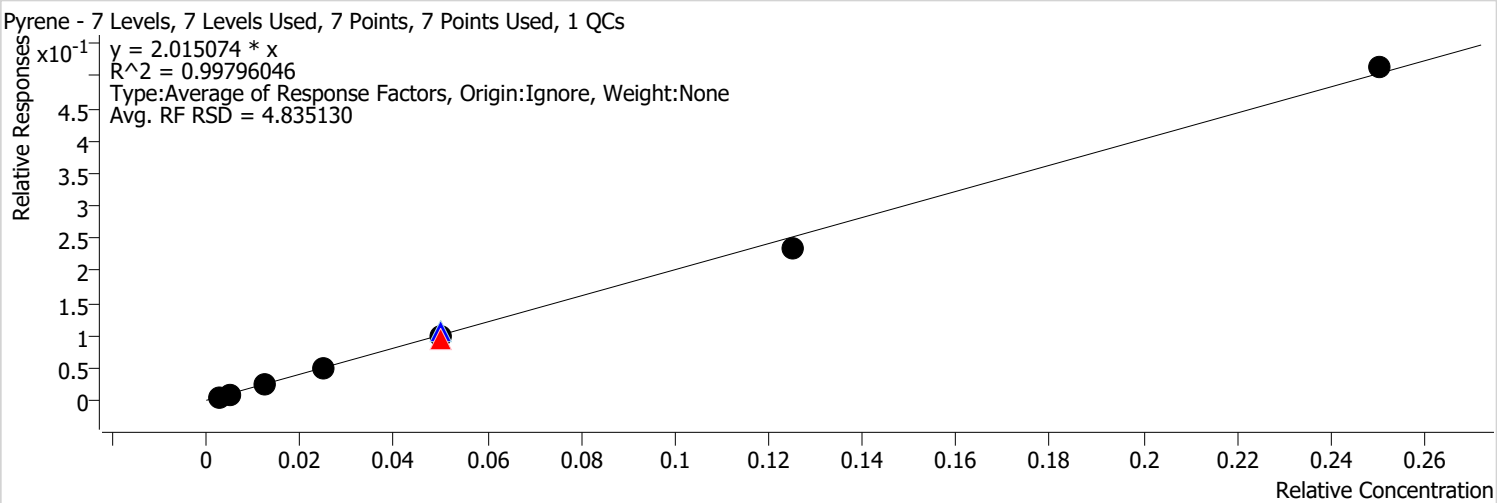
Fluoranthene %RSE = 6.0



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	

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

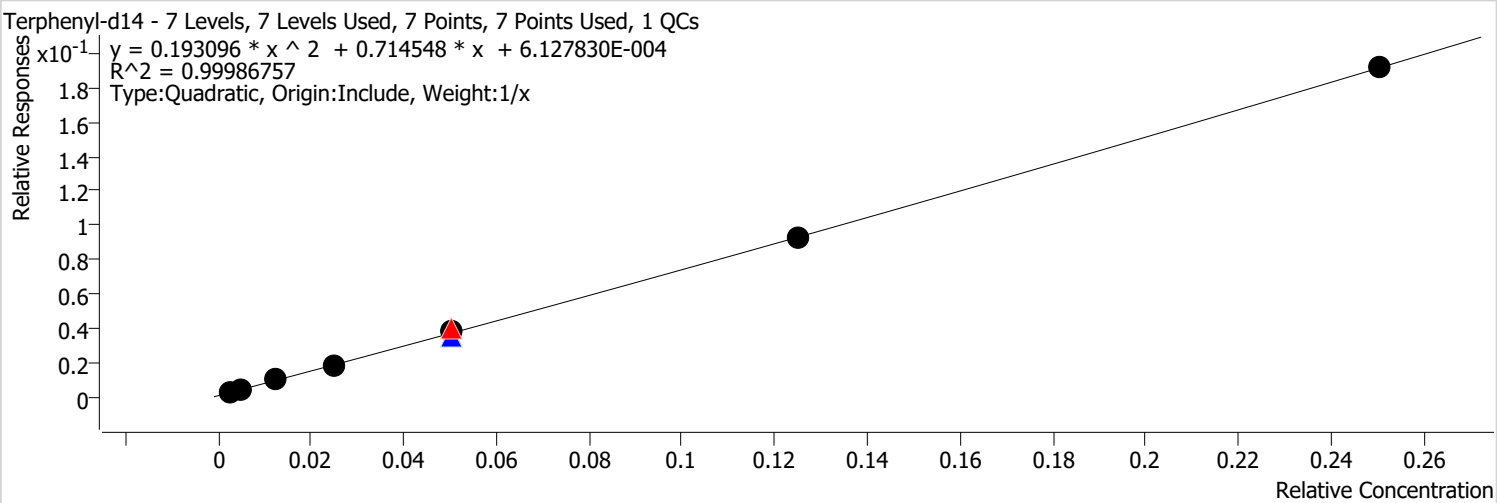
Pyrene %RSE = 4.8



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	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	

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

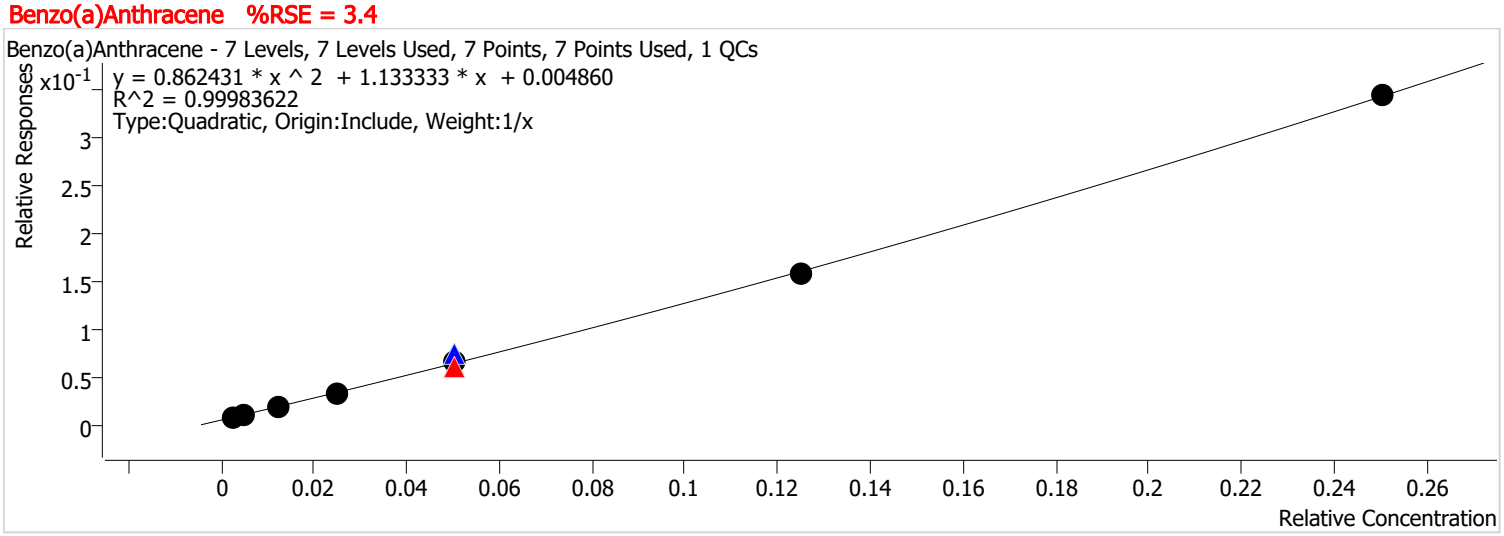
Terphenyl-d14 %RSE =



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	

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

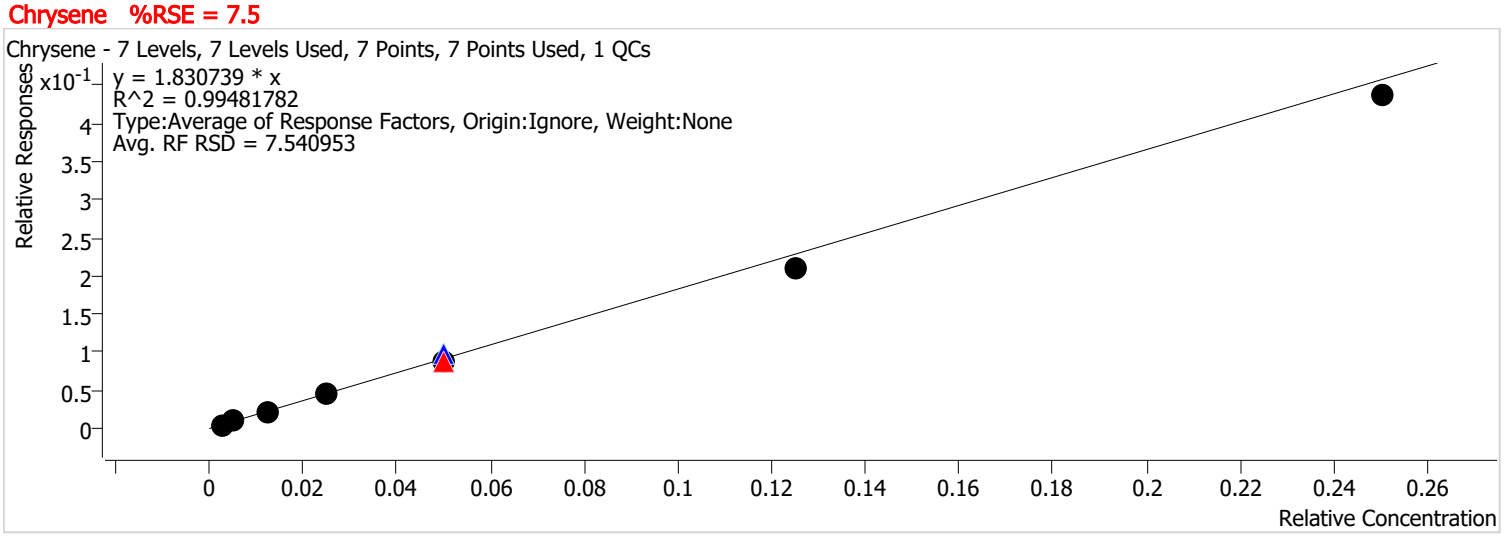
Benzo(a)Anthracene %RSE = 3.4



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	

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

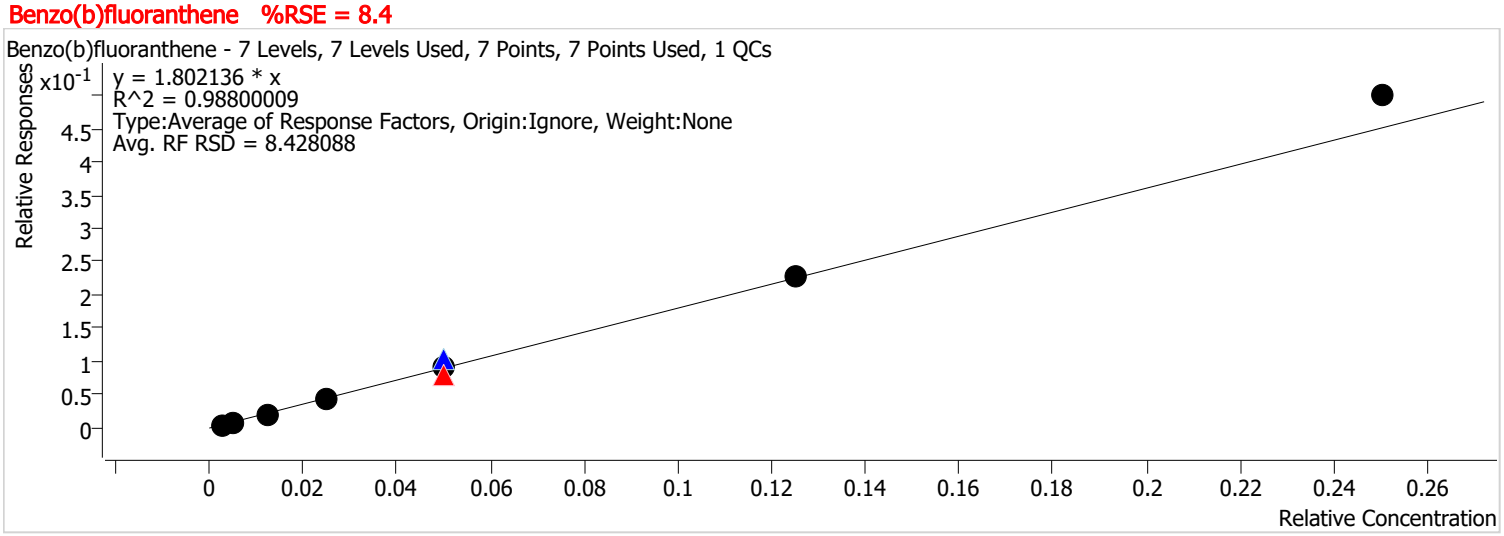
Chrysene %RSE = 7.5



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	

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

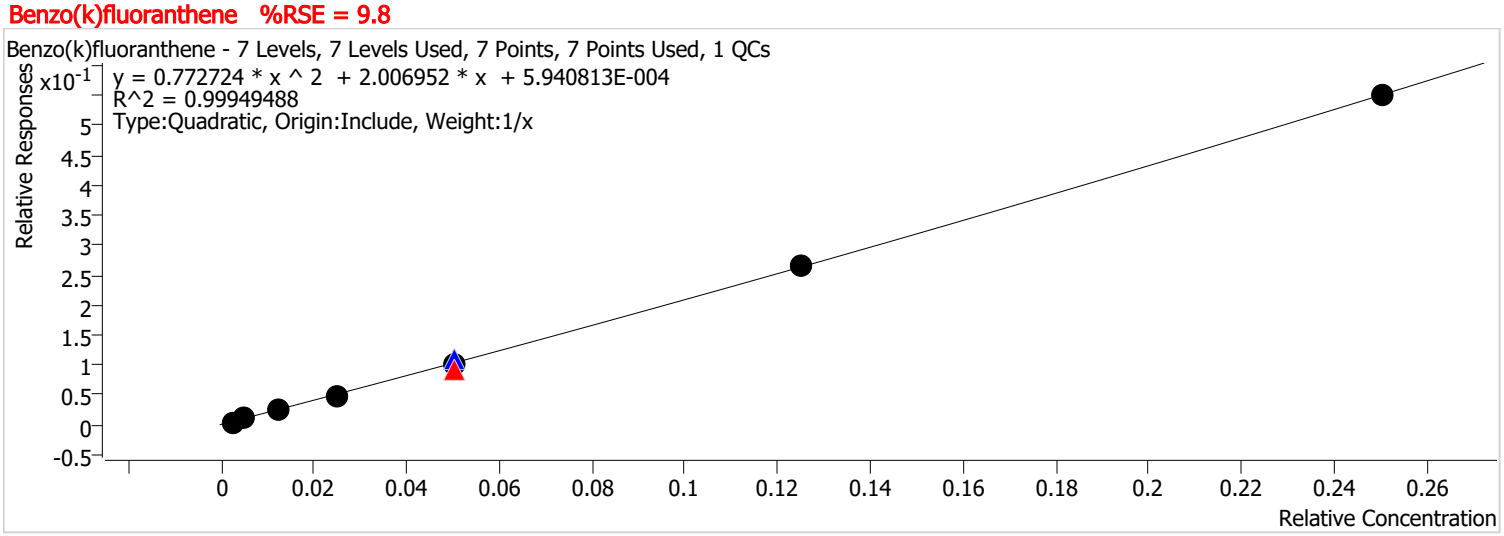
Benzo(b)fluoranthene %RSE = 8.4



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	

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

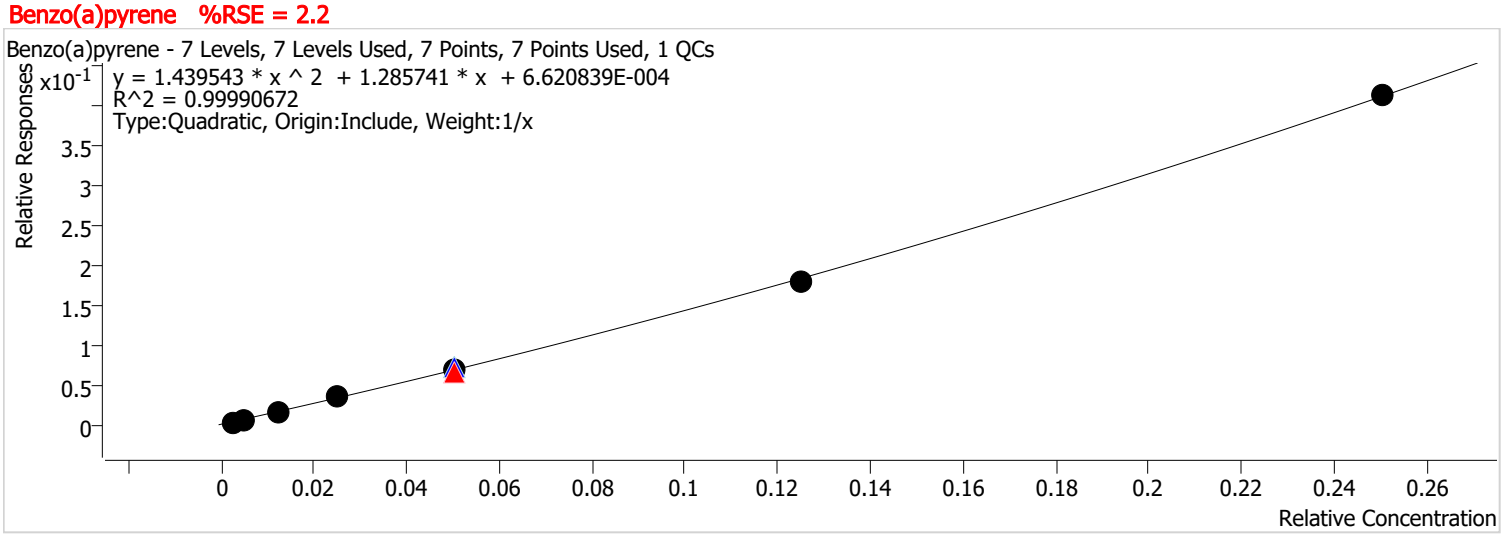
Benzo(k)fluoranthene %RSE = 9.8



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	

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

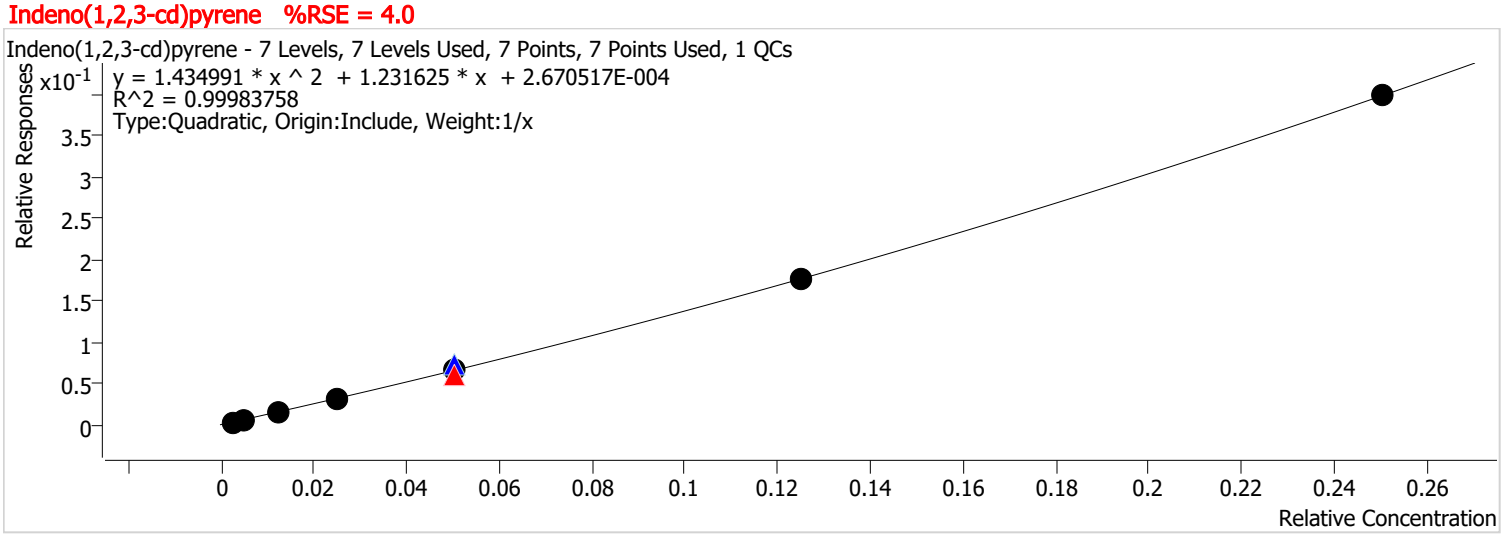
Benzo(a)pyrene %RSE = 2.2



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	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	

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

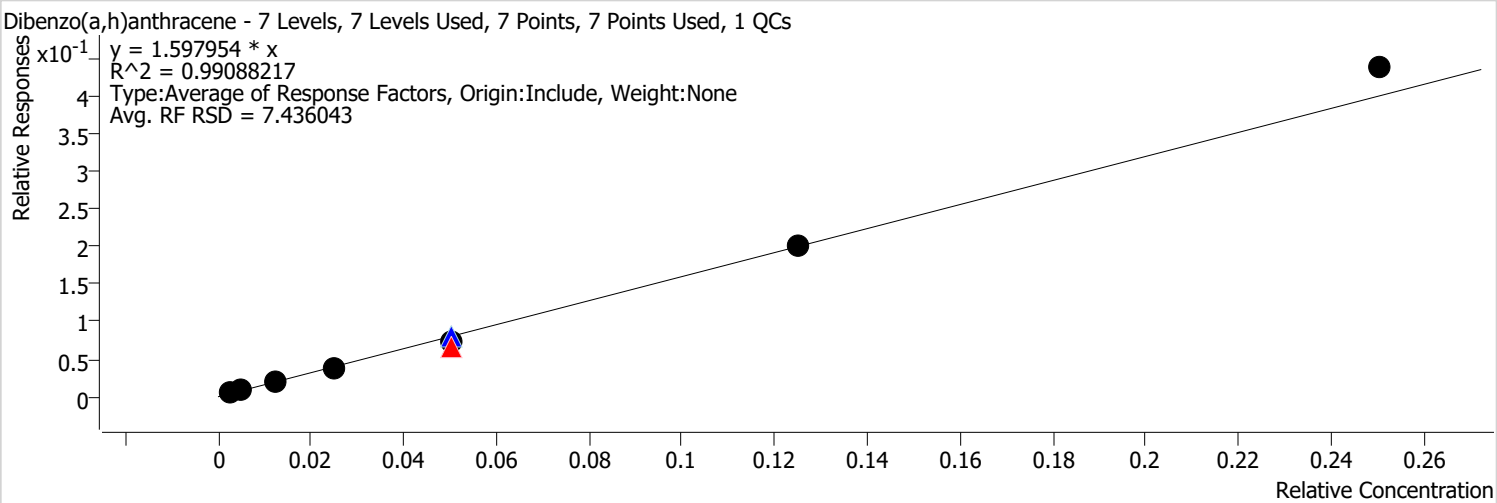
Indeno(1,2,3-cd)pyrene %RSE = 4.0



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	

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

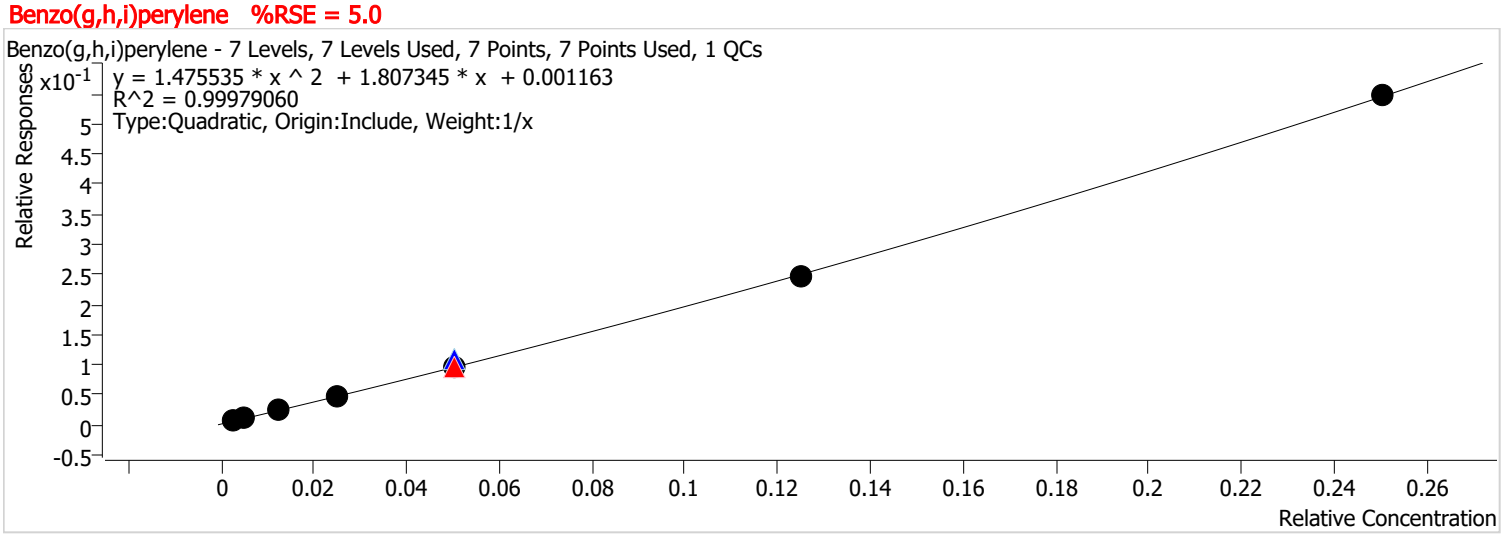
Dibenzo(a,h)anthracene %RSE = 7.4



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	

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

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



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	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

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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				---------- ISTD ----------						
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				---------- ISTD ----------						
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				---------- ISTD ----------						
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				---------- ISTD ----------						
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				---------- ISTD ----------						
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				---------- ISTD ----------						
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

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

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

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

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

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

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

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)

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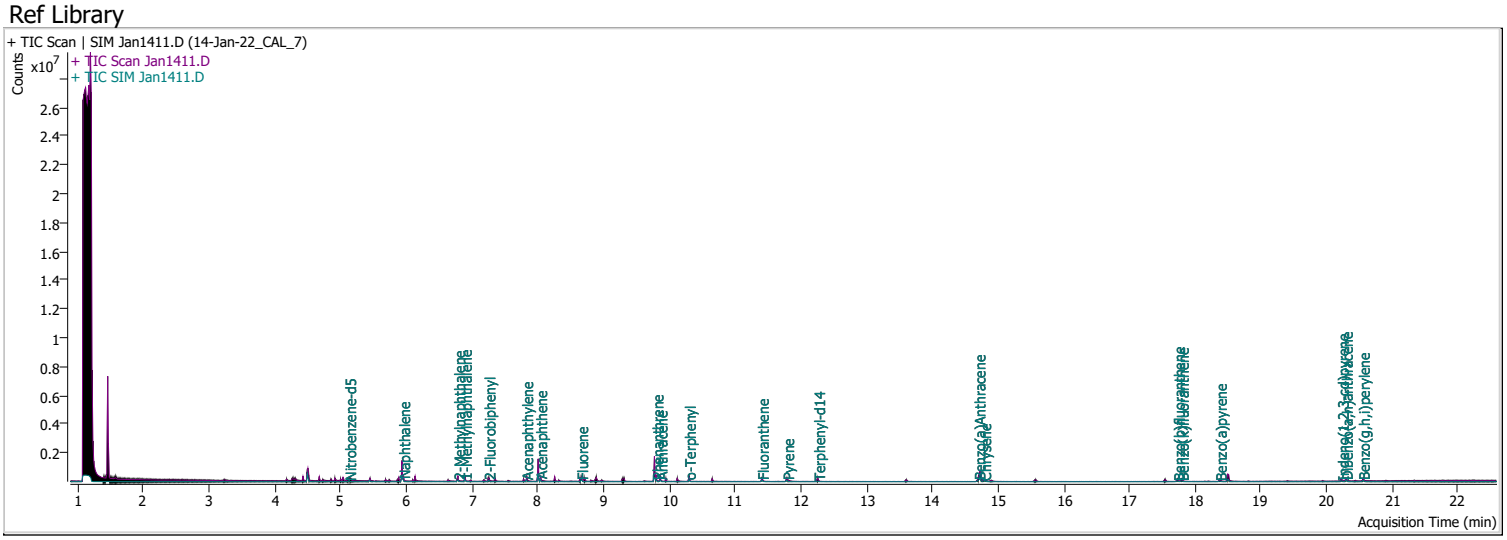
Data File	Jan1411.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/14/2022 4:42:22 PM
Sample Name	14-Jan-22_CAL_7	Instrument	GCMS
Vial	2	Multiplier	1.00
DA Method File		Comment	SVOC-8270-W-LLPAH
Tune File	dftppjph.u	Tune Date	
Batch Name	011422 bna SIM 2.batch.bin	Last Calib Update	1/17/2022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

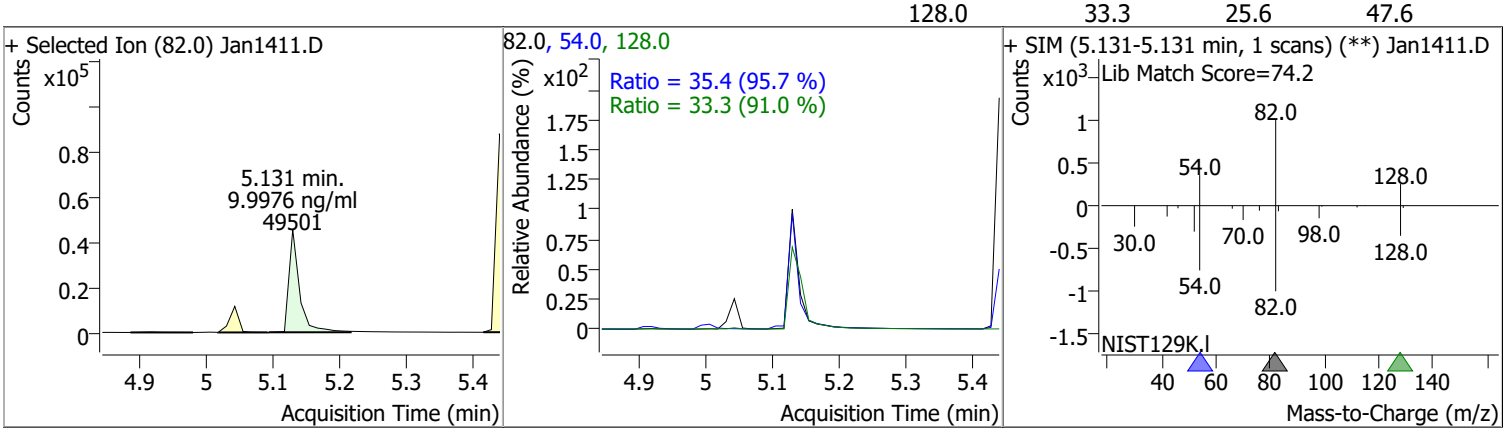


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.497	152.0	182604	40.0000	ng/ml		0.000
M Naphthalene-d8	5.941	136.0	326053	40.0000	ng/ml		0.000
M Acenaphthene-d10	8.001	164.0	175338	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.780	188.0	357869	40.0000	ng/ml		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
System Monitoring Compounds							
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%		*	
Target Compounds							**QValue**
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

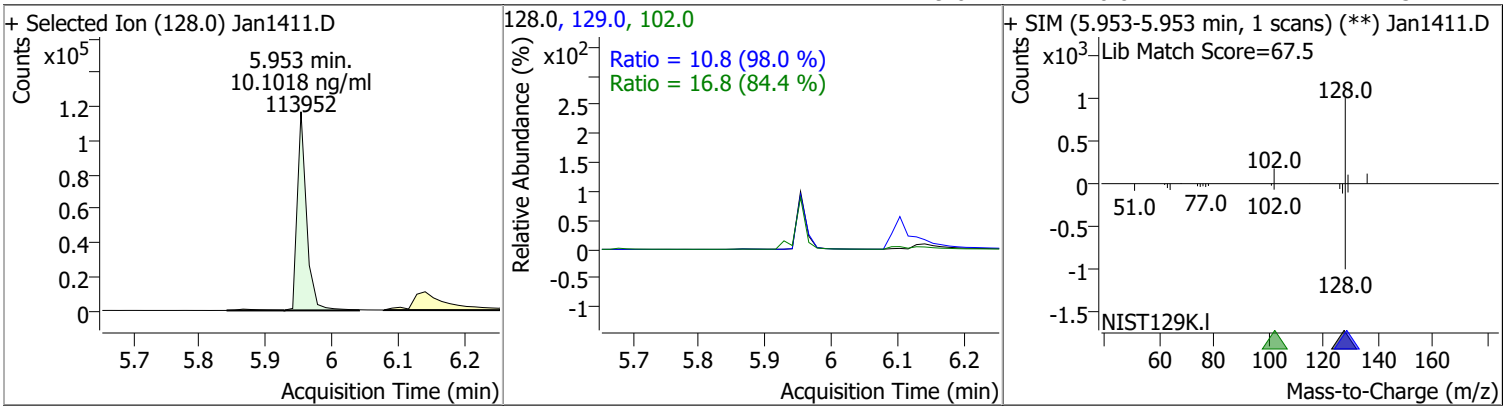
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.795	252.0	97846	9.9789	ng/ml	98
T Benzo(a)pyrene	18.376	252.0	73579	10.0209	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.229	276.0	70907	10.0052	ng/ml	94
T Dibenzo(a,h)anthracene	20.291	278.0	77870	10.9442	ng/ml	96
T Benzo(g,h,i)perylene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

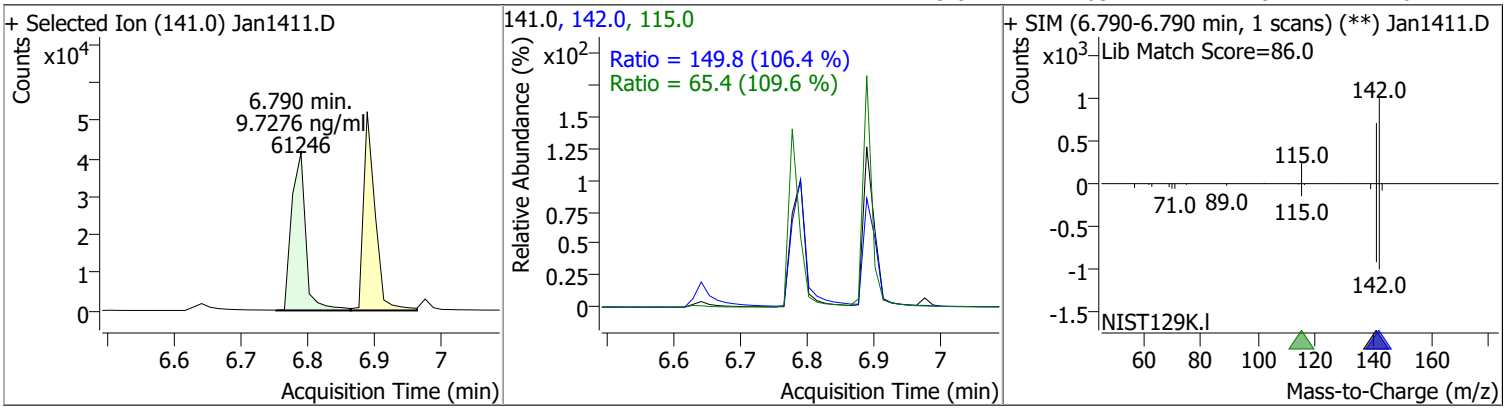
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	9.9976	5.13	-0.01	49501	54.0	35.4	25.9	48.1
					128.0	33.3	25.6	47.6



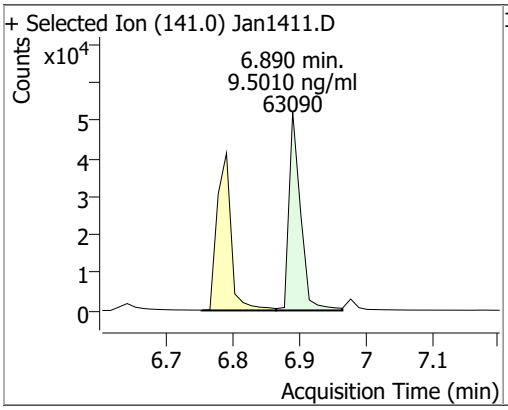
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	10.1018	5.95	0.00	113952	102.0	16.8	0.0	59.6
					129.0	10.8	7.7	14.3

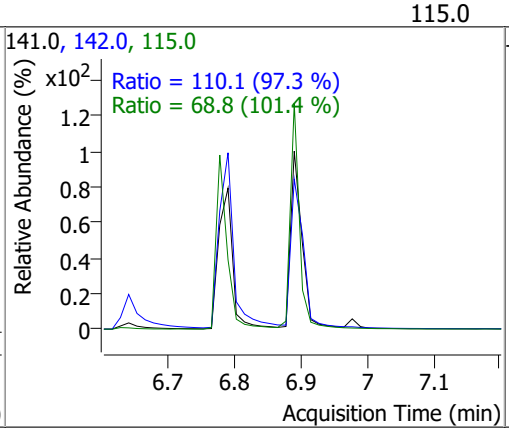


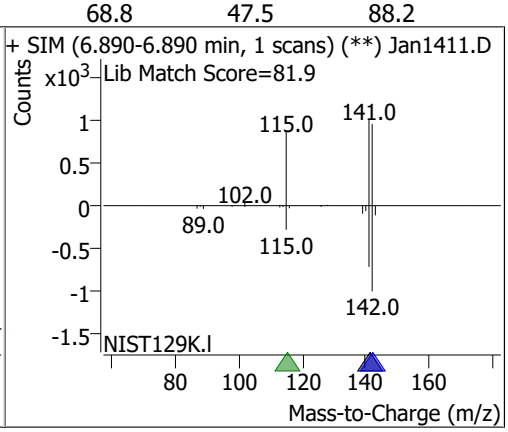
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	9.7276	6.79	0.00	61246	142.0	149.8	98.5	183.0
					115.0	65.4	41.8	77.6



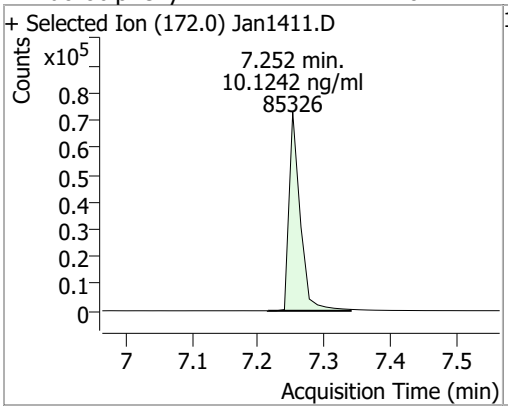
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	9.5010	6.89	-0.01	63090	142.0	110.1	79.2	147.1
					115.0	68.8	47.5	88.2

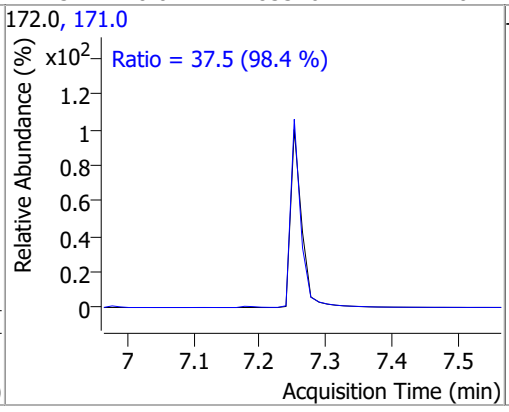


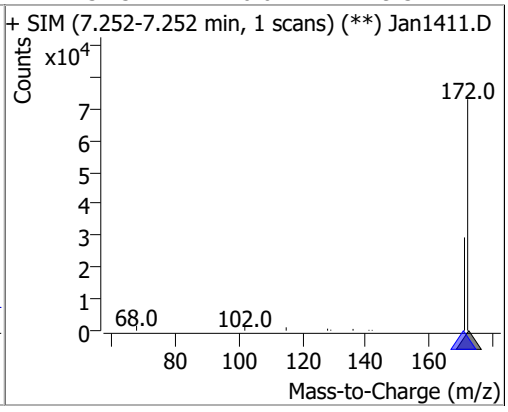




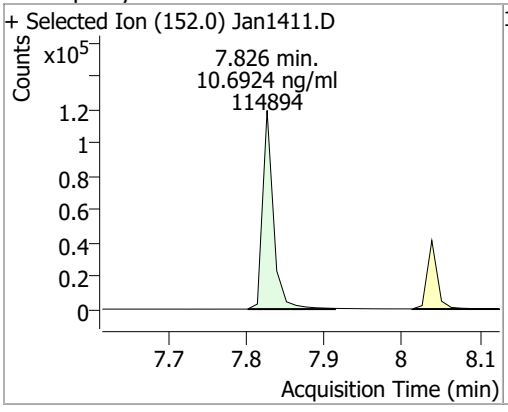
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	10.1242	7.25	-0.01	85326	171.0	37.5	26.6	49.5

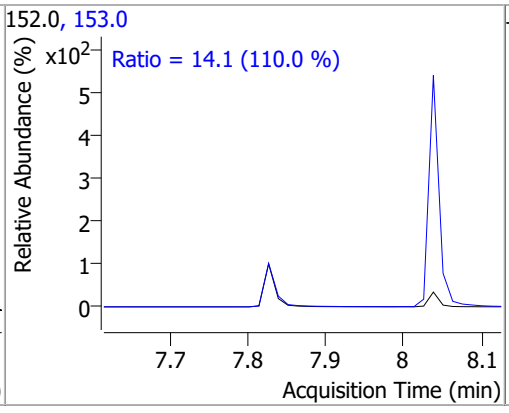


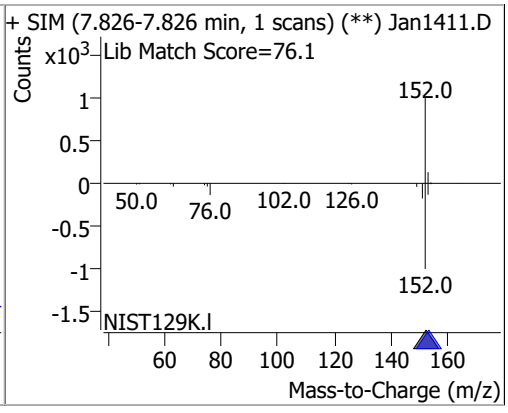




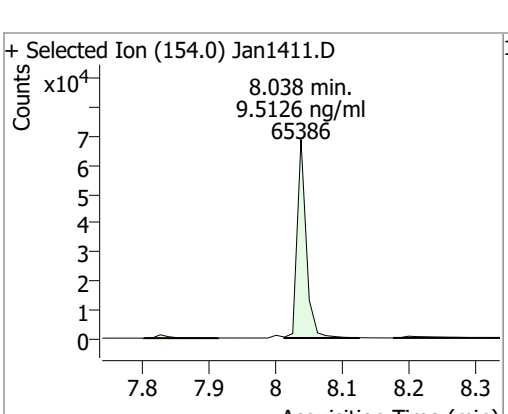
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	10.6924	7.83	0.00	114894	153.0	14.1	9.0	16.6

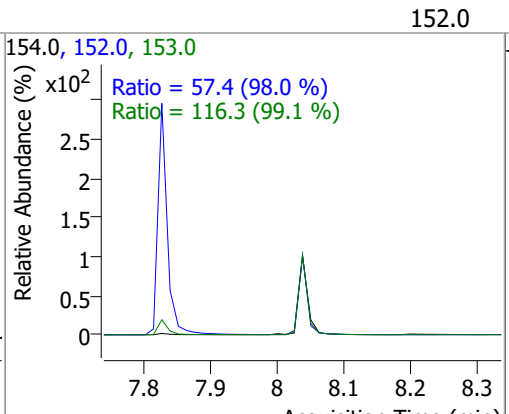


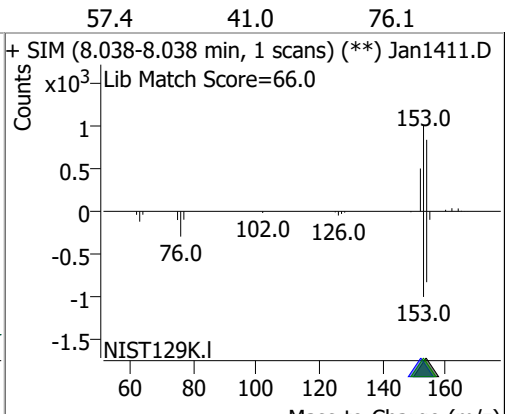




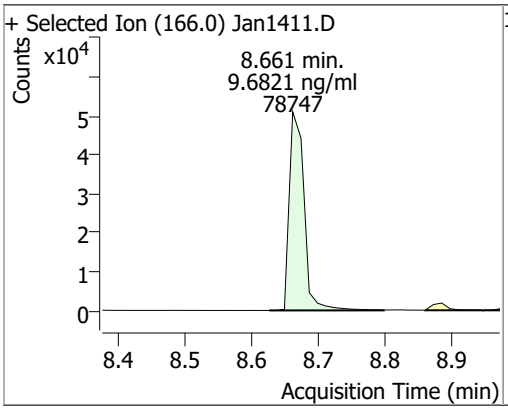
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	9.5126	8.04	0.00	65386	153.0	116.3	82.1	152.6
					152.0	57.4	41.0	76.1

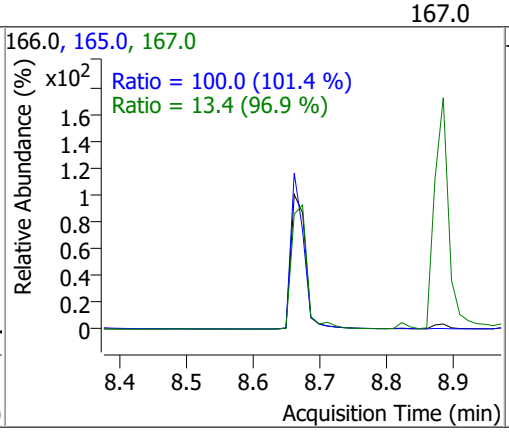


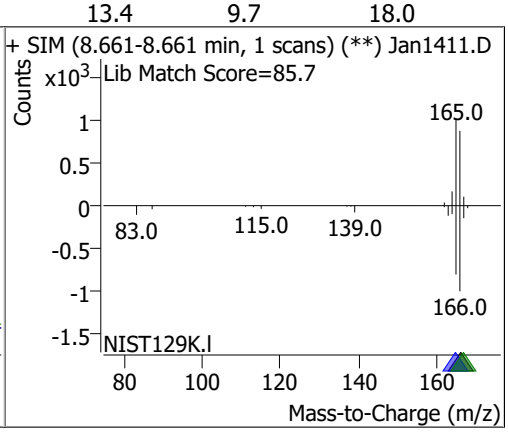




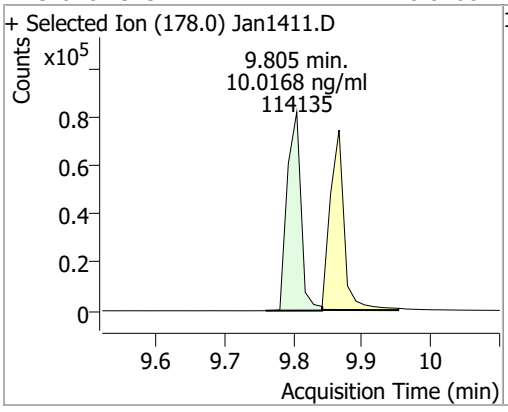
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	9.6821	8.66	-0.01	78747	165.0	100.0	69.1	128.3
					167.0	13.4	9.7	18.0

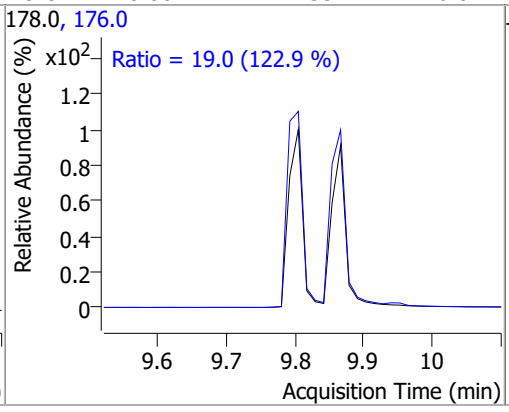


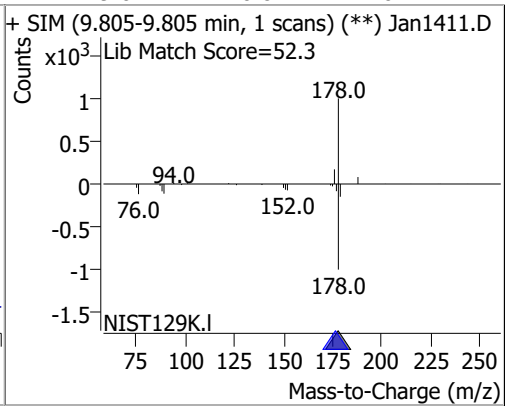




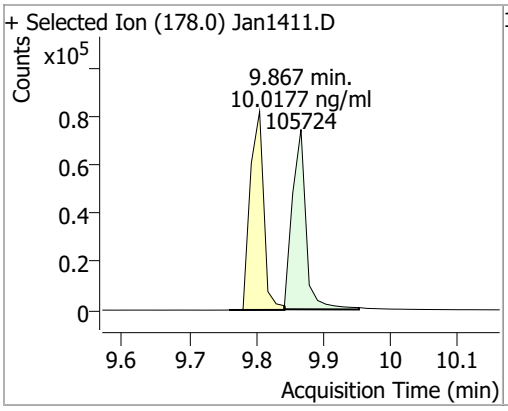
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	10.0168	9.81	0.00	114135	176.0	19.0	10.8	20.1

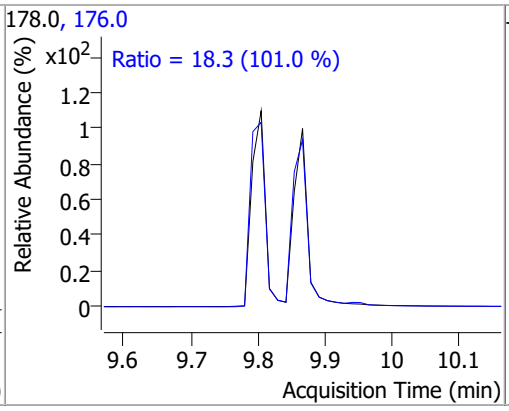


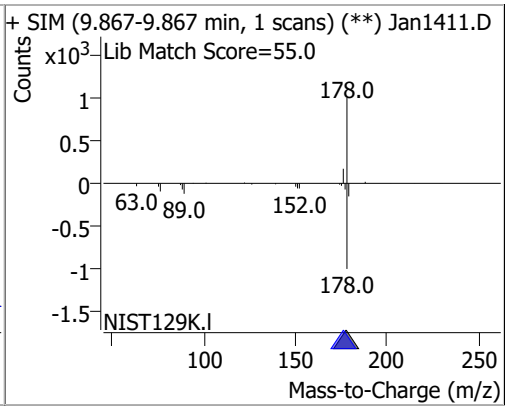




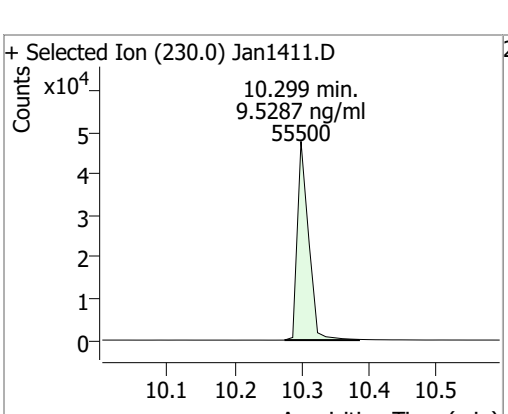
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	10.0177	9.87	0.00	105724	176.0	18.3	12.7	23.5

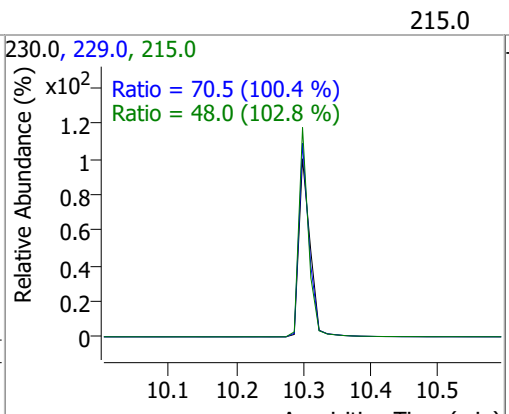


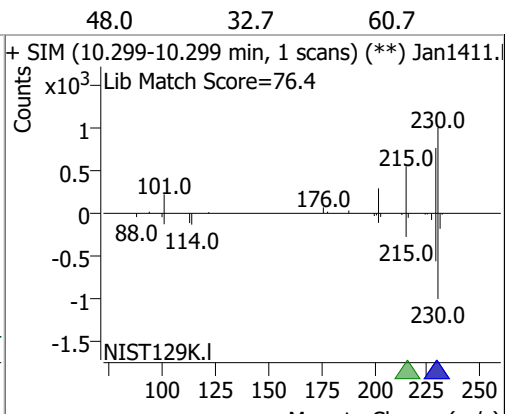




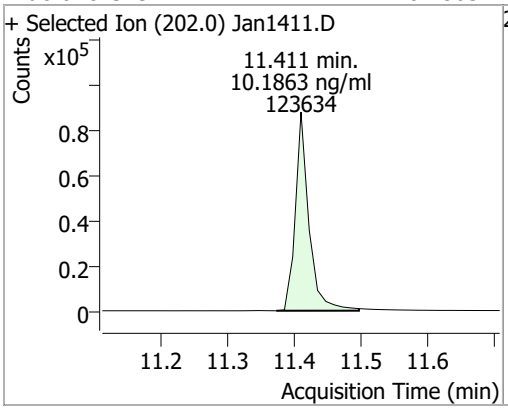
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	9.5287	10.30	0.00	55500	229.0	70.5	49.2	91.3
					215.0	48.0	32.7	60.7

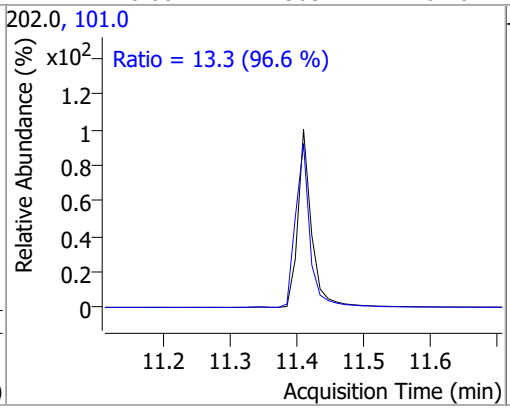


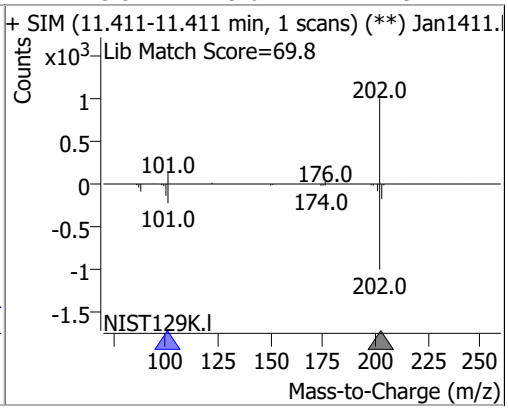




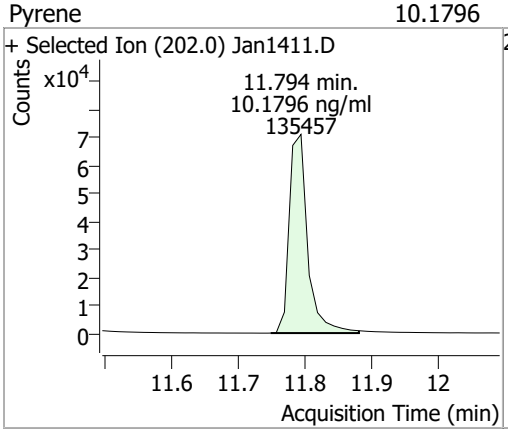
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	10.1863	11.41	0.00	123634	101.0	13.3	9.6	17.9

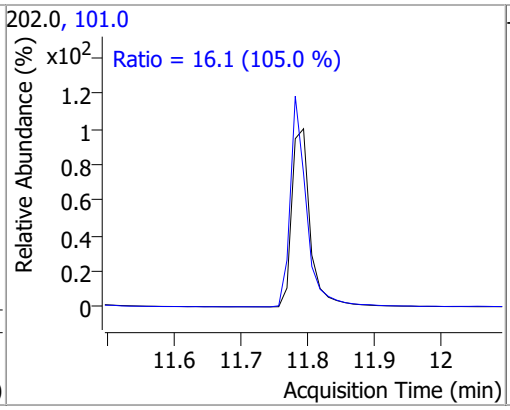


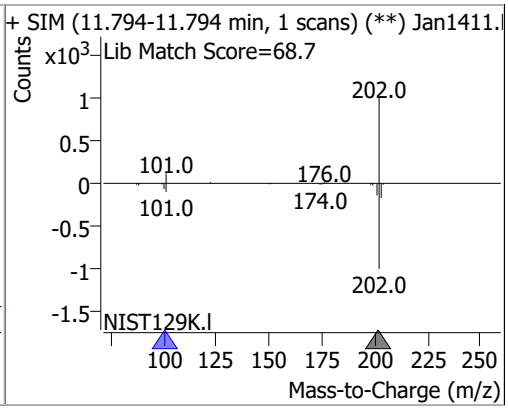




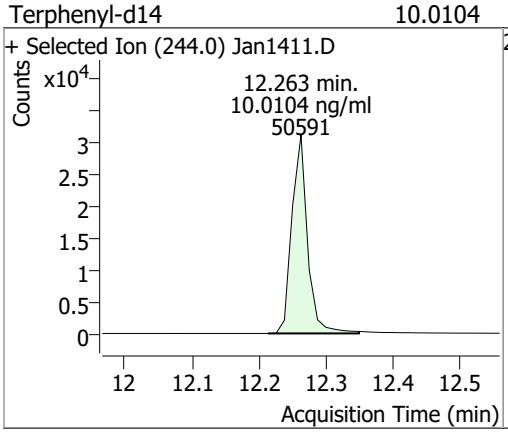
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	10.1796	11.79	0.00	135457	101.0	16.1	10.7	20.0

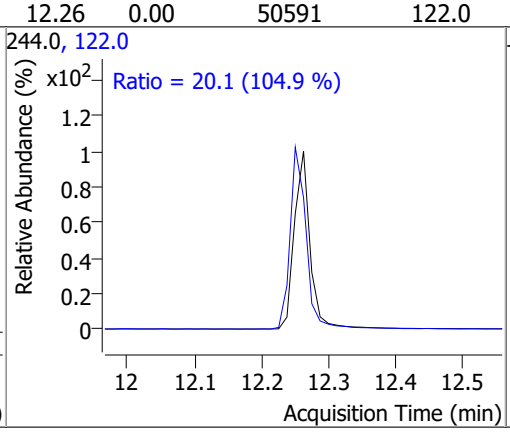


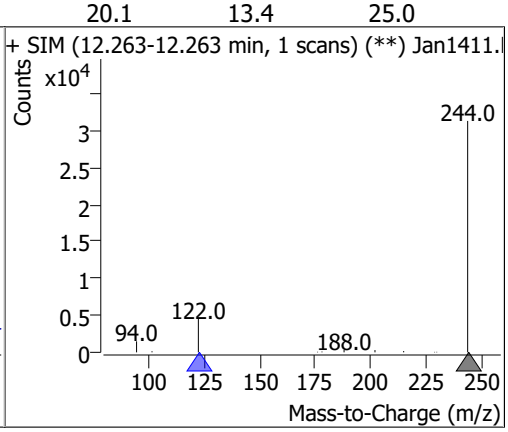




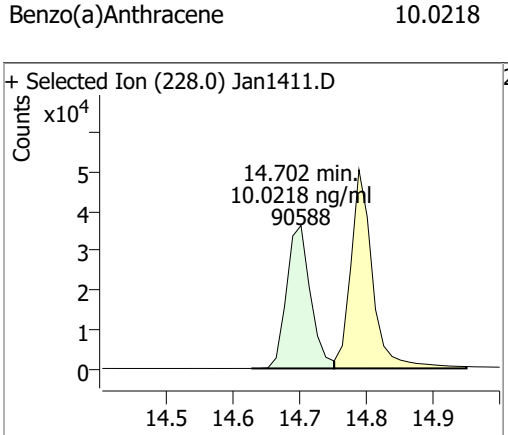
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	10.0104	12.26	0.00	50591	122.0	20.1	13.4	25.0

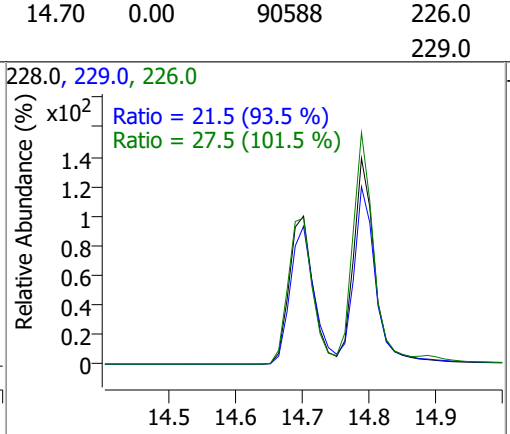


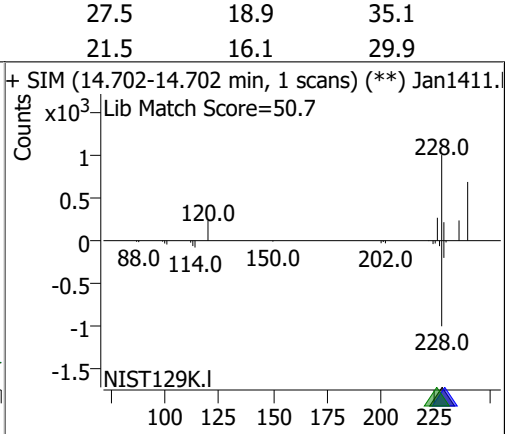




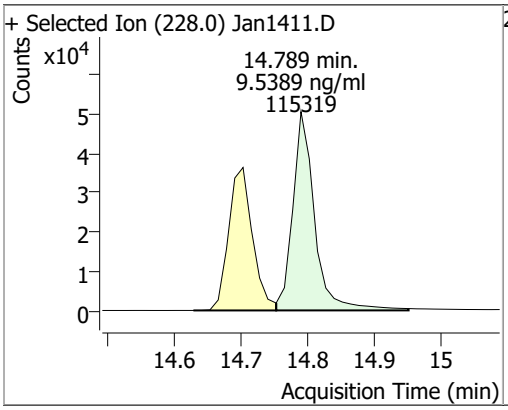
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	10.0218	14.70	0.00	90588	226.0	27.5	18.9	35.1
					229.0	21.5	16.1	29.9

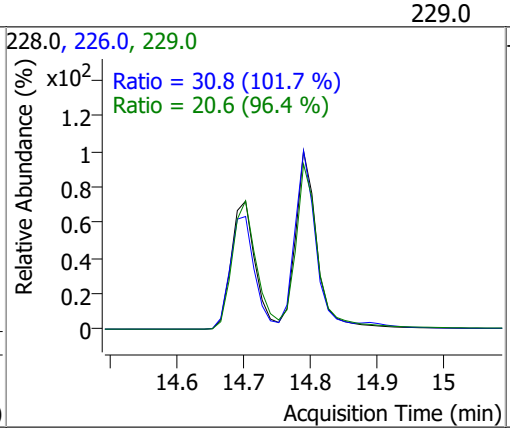


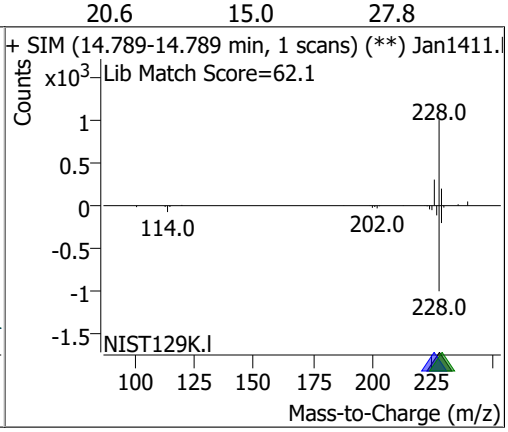




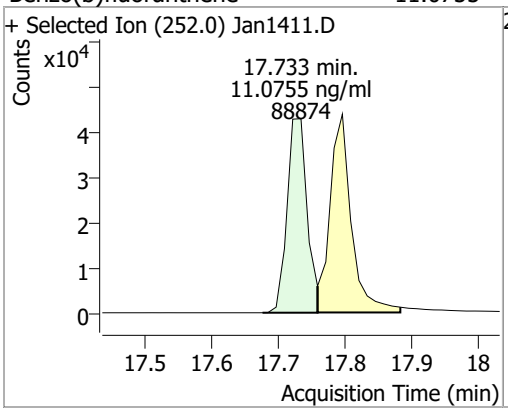
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	9.5389	14.79	0.00	115319	226.0	30.8	21.2	39.4
					229.0	20.6	15.0	27.8

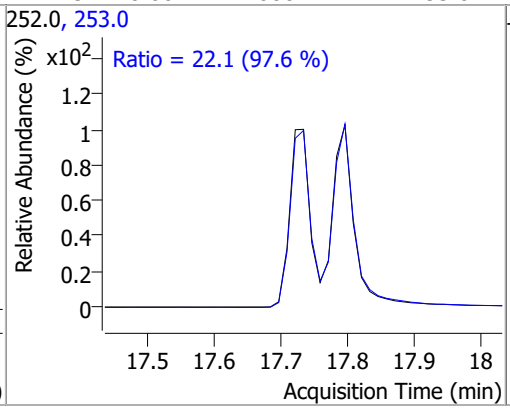


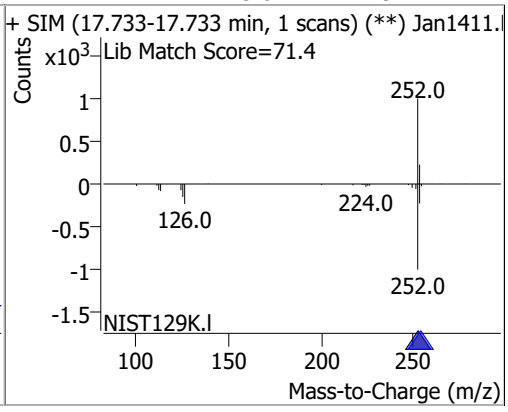




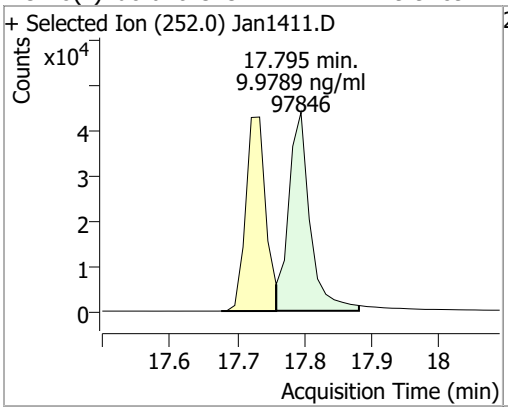
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	11.0755	17.73	0.00	88874	253.0	22.1	15.8	29.4

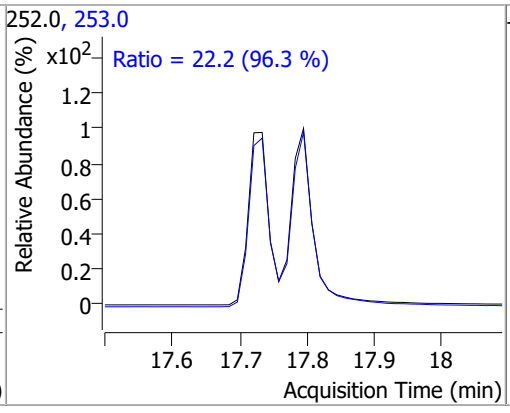


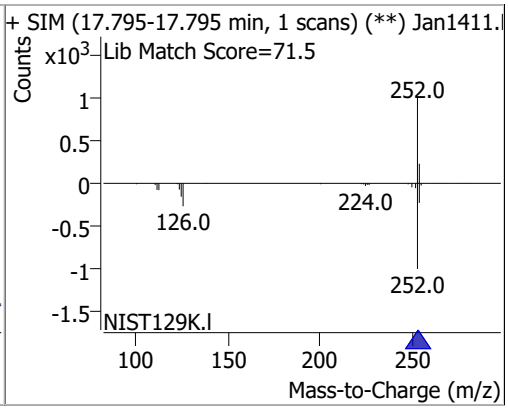




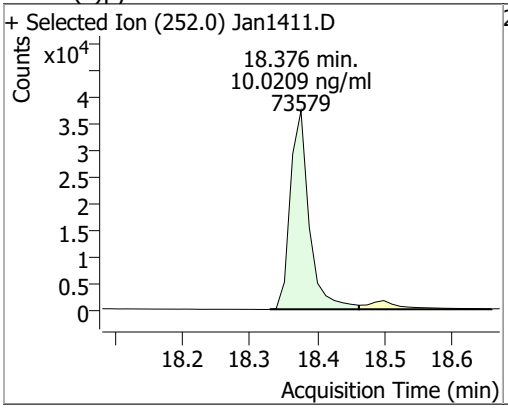
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	9.9789	17.80	0.00	97846	253.0	22.2	16.1	29.9

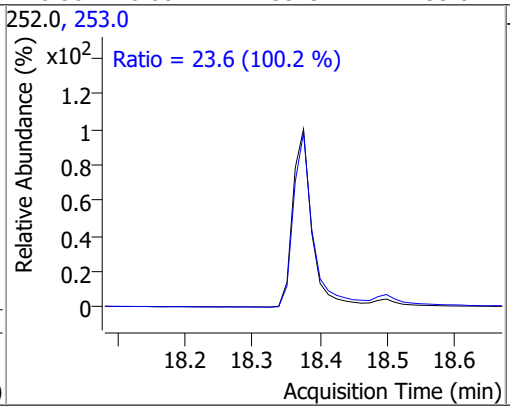


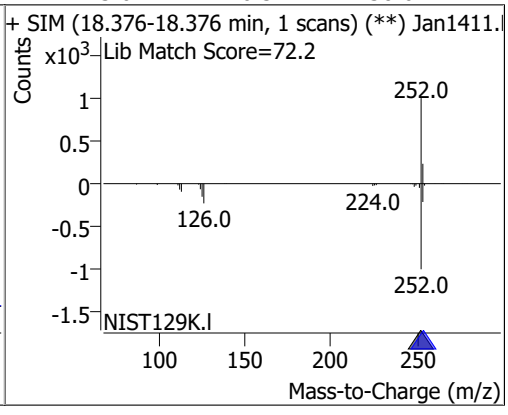




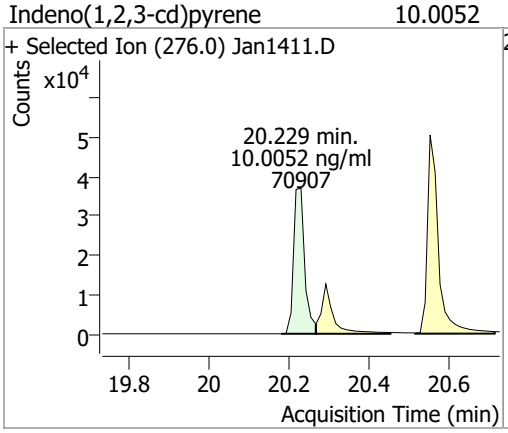
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	10.0209	18.38	0.00	73579	253.0	23.6	16.5	30.6

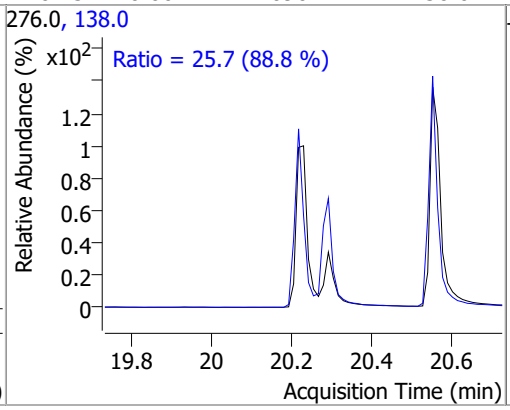


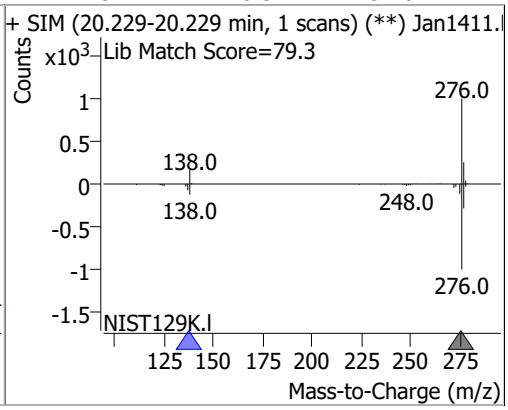




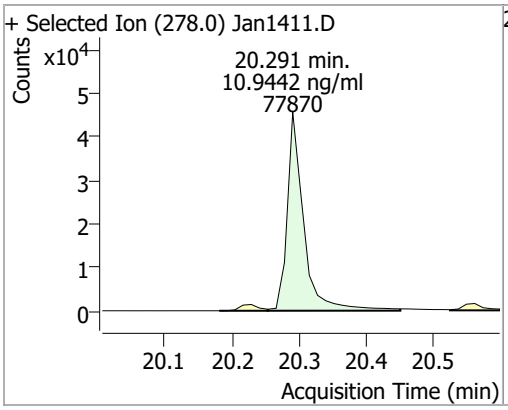
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	10.0052	20.23	0.00	70907	138.0	25.7	20.3	37.6

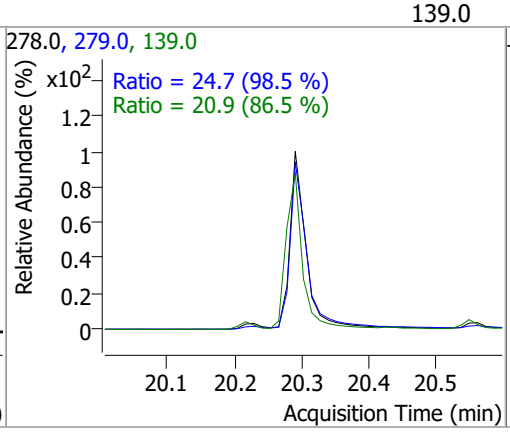


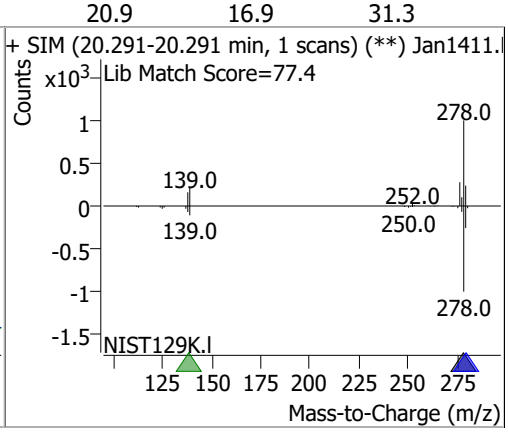




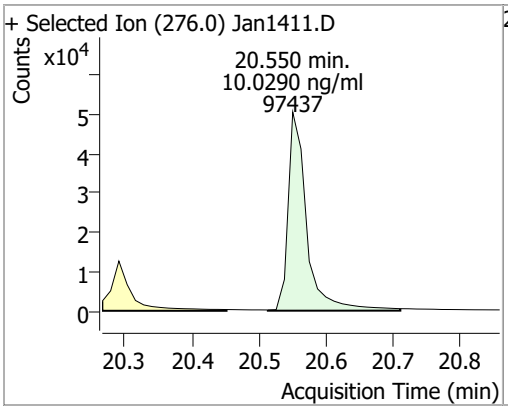
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	10.9442	20.29	-0.01	77870	279.0	24.7	17.6	32.7
					139.0	20.9	16.9	31.3

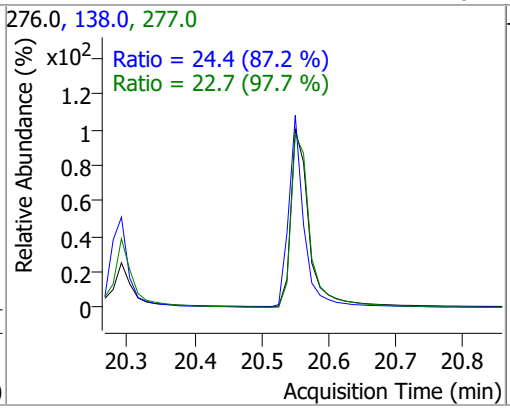


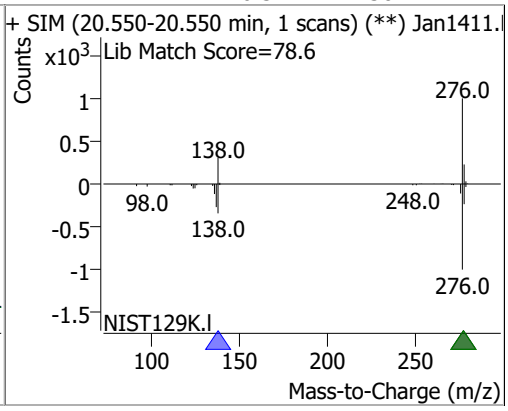




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	10.0290	20.55	-0.01	97437	138.0	24.4	19.6	36.5
					277.0	22.7	16.3	30.2

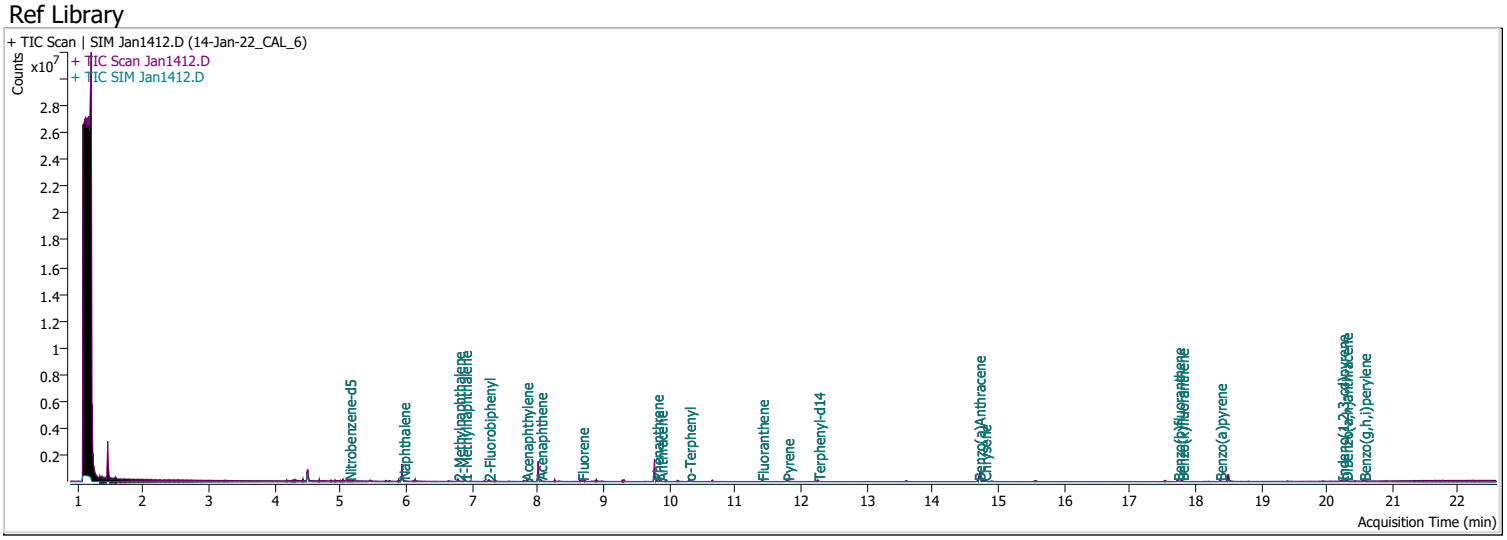






Quantitation Results Report (QT Reviewed)

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			

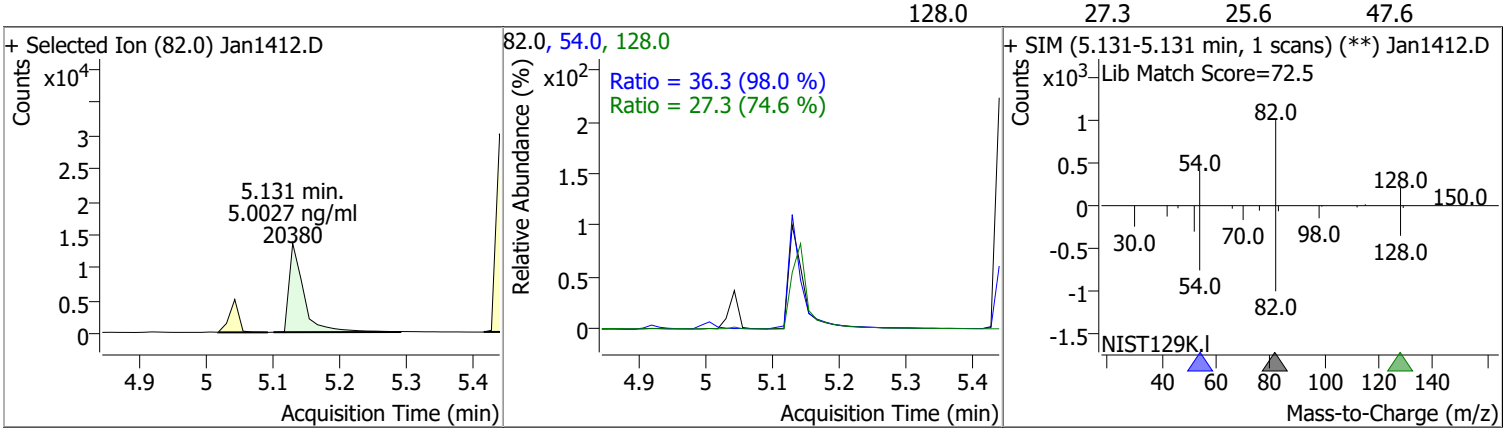


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.497	152.0	183982	40.0000	ng/ml		0.000
M Naphthalene-d8	5.928	136.0	329771	40.0000	ng/ml		-0.012
M Acenaphthene-d10	8.001	164.0	173728	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.780	188.0	357137	40.0000	ng/ml		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
System Monitoring Compounds							
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%			
Target Compounds							**QValue**
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

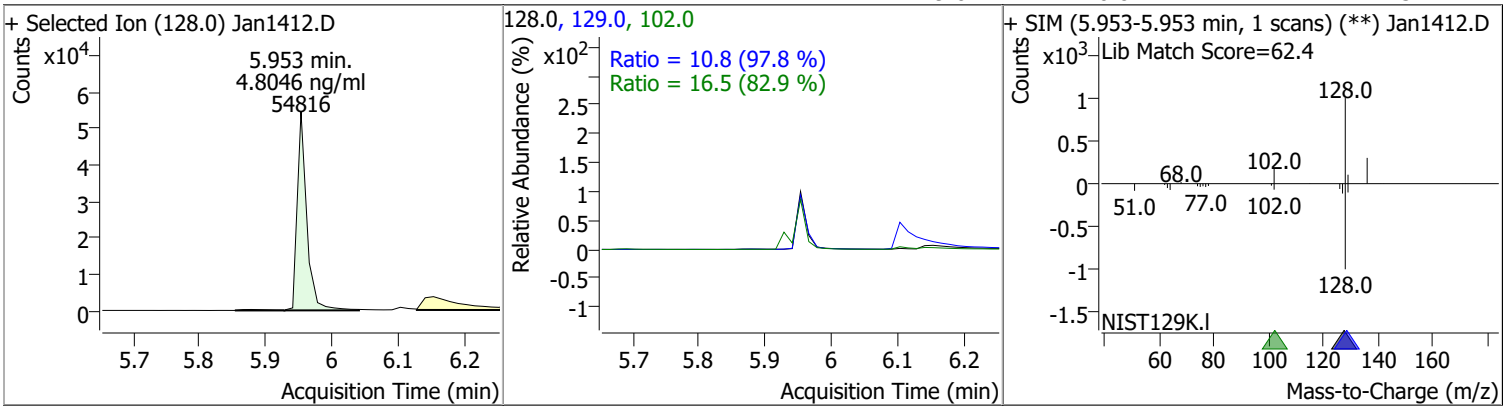
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.795	252.0	46472	5.0530	ng/ml	99
T Benzo(a)pyrene	18.376	252.0	31631	4.9389	ng/ml	98
T Indeno(1,2,3-cd)pyrene	20.229	276.0	30611	4.9716	ng/ml	99
T Dibenzo(a,h)anthracene	20.291	278.0	35101	5.0378	ng/ml	97
T Benzo(g,h,i)perylene	20.563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

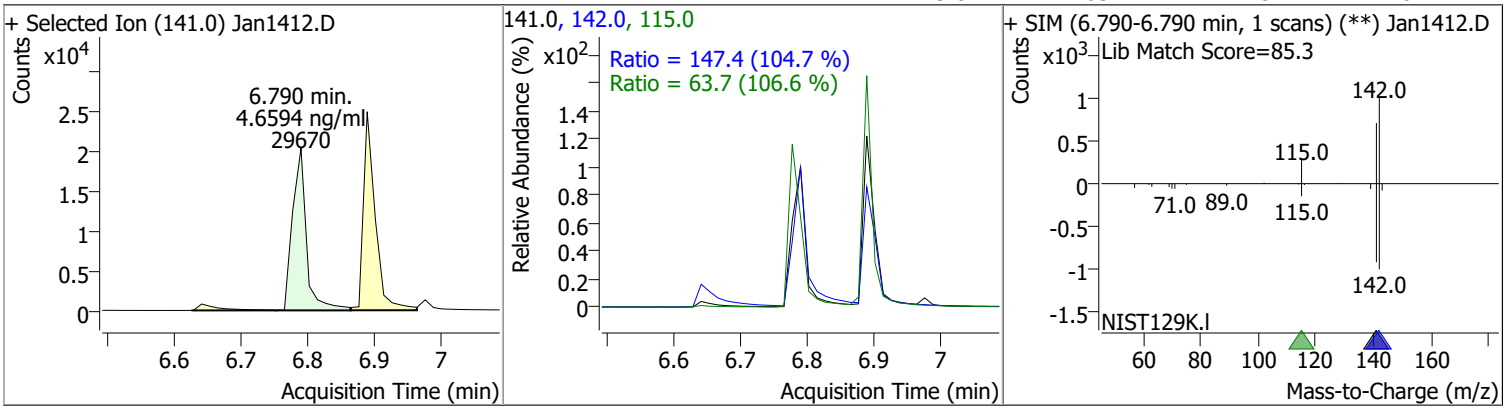
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	5.0027	5.13	-0.01	20380	54.0	36.3	25.9	48.1
					128.0	27.3	25.6	47.6



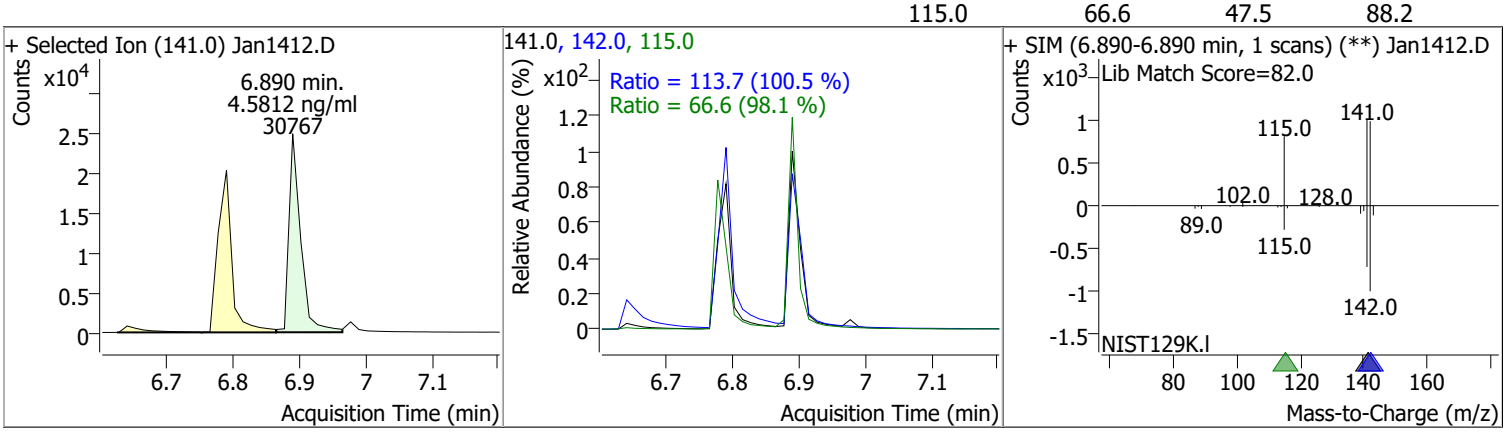
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	4.8046	5.95	0.00	54816	102.0	16.5	0.0	59.6
					129.0	10.8	7.7	14.3



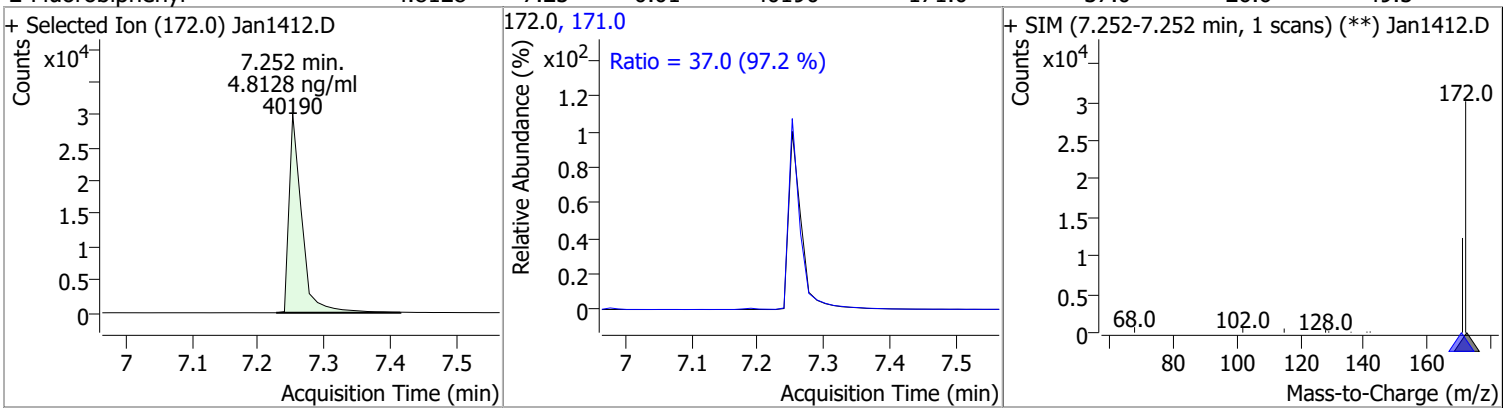
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	4.6594	6.79	0.00	29670	142.0	147.4	98.5	183.0
					115.0	63.7	41.8	77.6



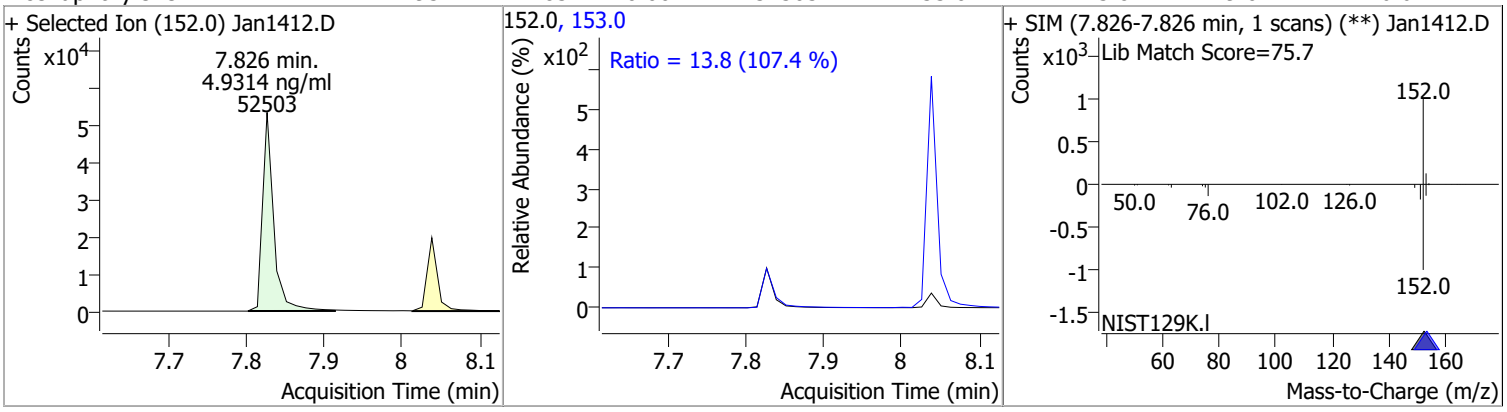
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	4.5812	6.89	-0.01	30767	142.0	113.7	79.2	147.1
					115.0	66.6	47.5	88.2



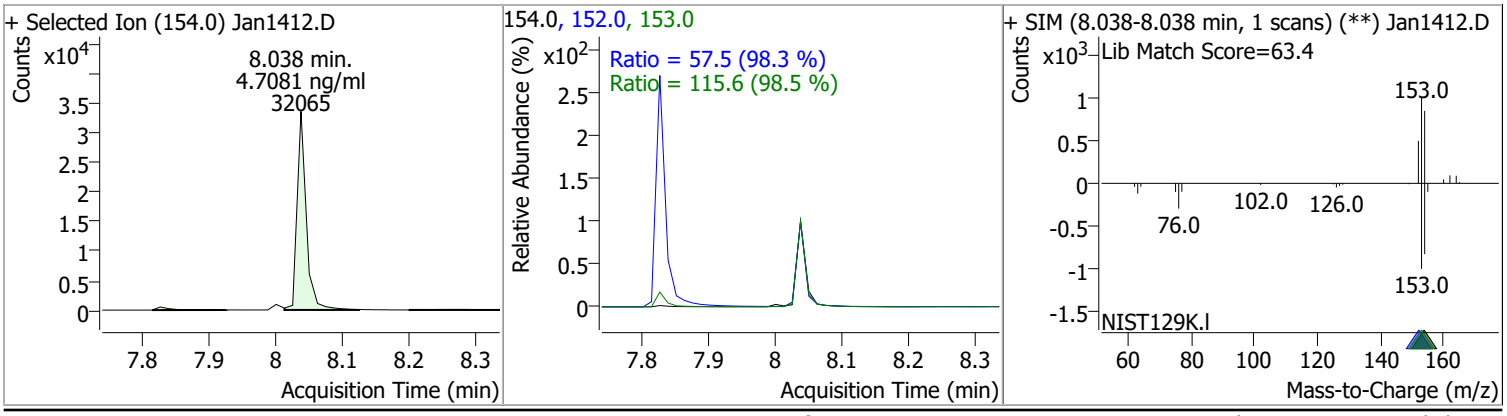
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	4.8128	7.25	-0.01	40190	171.0	37.0	26.6	49.5



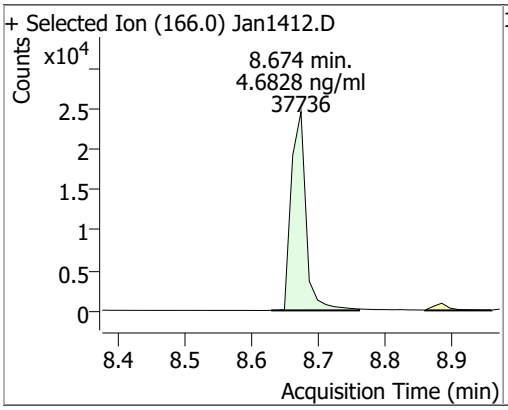
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	4.9314	7.83	0.00	52503	153.0	13.8	9.0	16.6

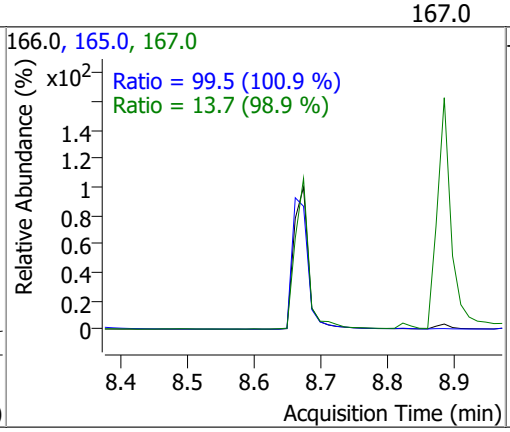


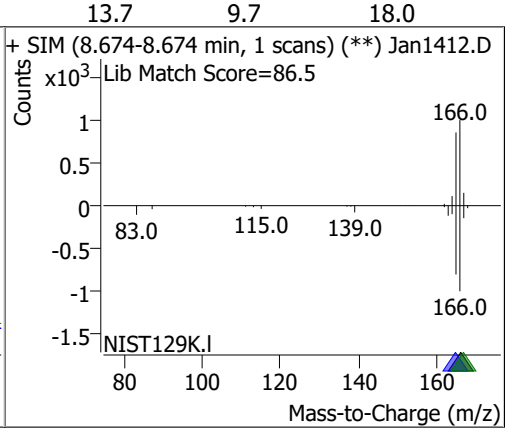
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	4.7081	8.04	0.00	32065	153.0	115.6	82.1	152.6
					152.0	57.5	41.0	76.1



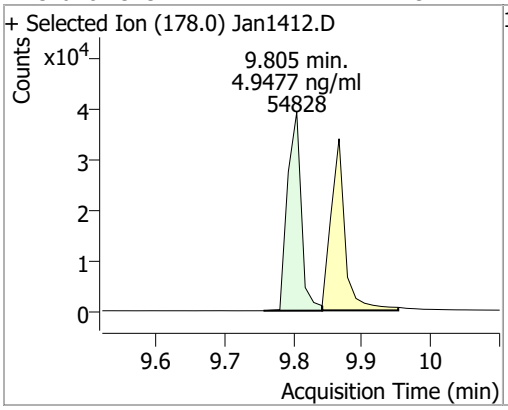
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	4.6828	8.67	0.00	37736	165.0	99.5	69.1	128.3
					167.0	13.7	9.7	18.0

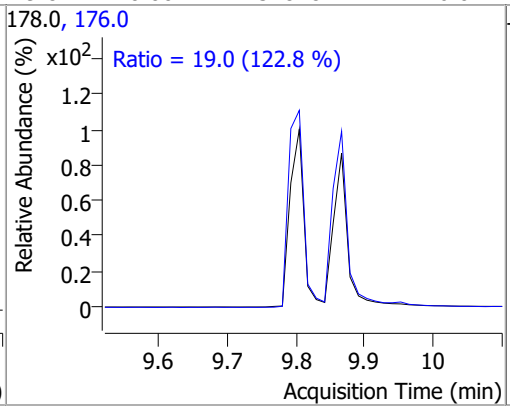


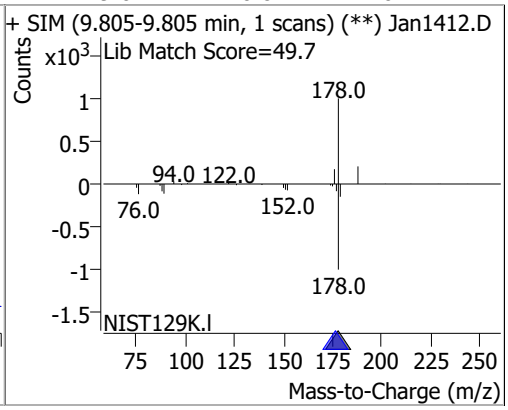




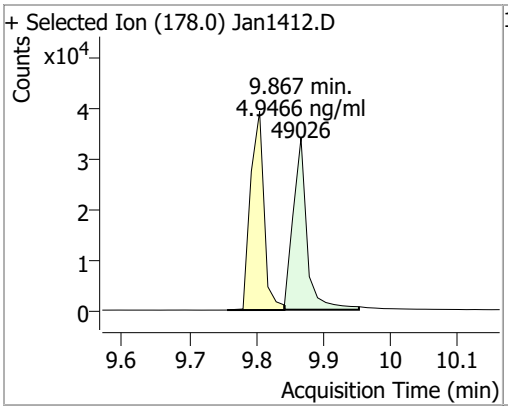
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.9477	9.81	0.00	54828	176.0	19.0	10.8	20.1

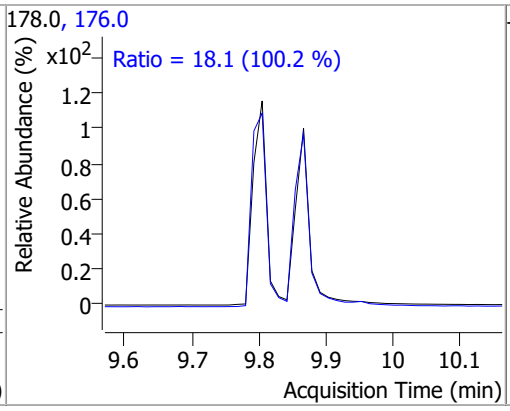


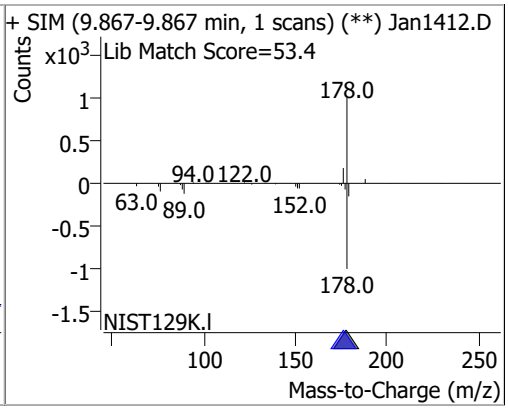




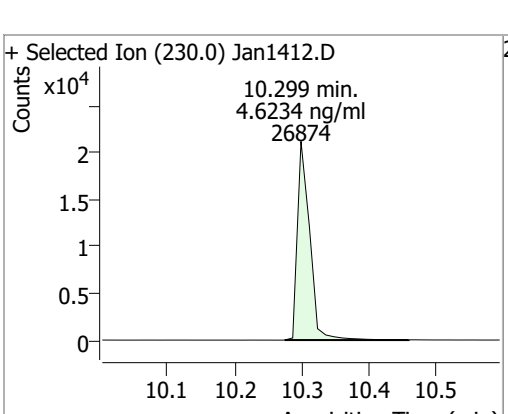
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.9466	9.87	0.00	49026	176.0	18.1	12.7	23.5

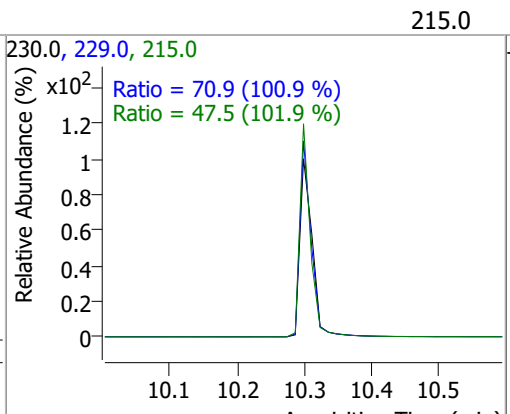


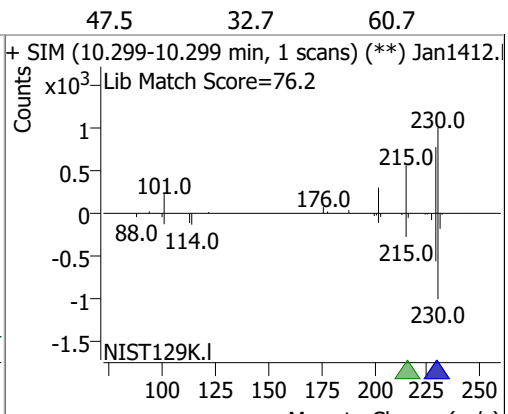




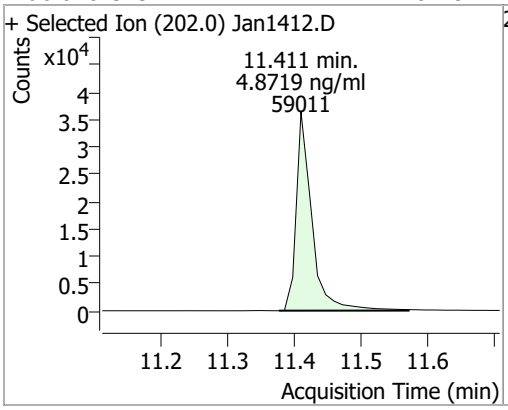
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.6234	10.30	0.00	26874	229.0	70.9	49.2	91.3
					215.0	47.5	32.7	60.7

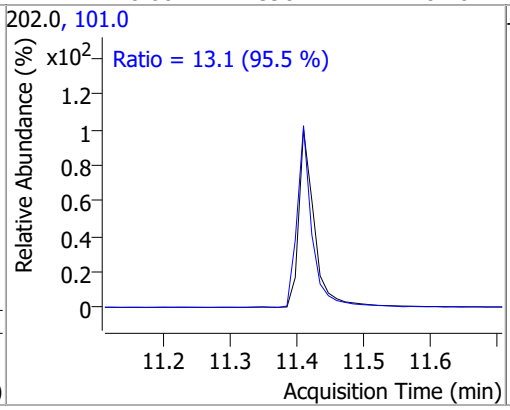


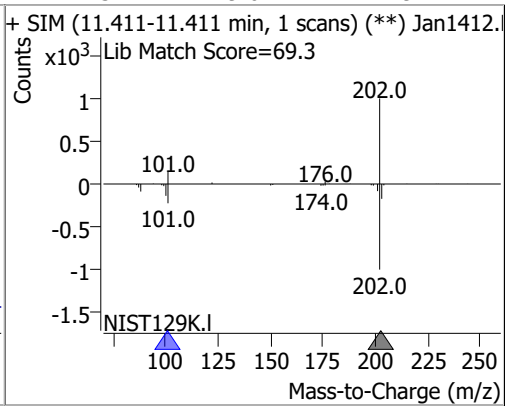




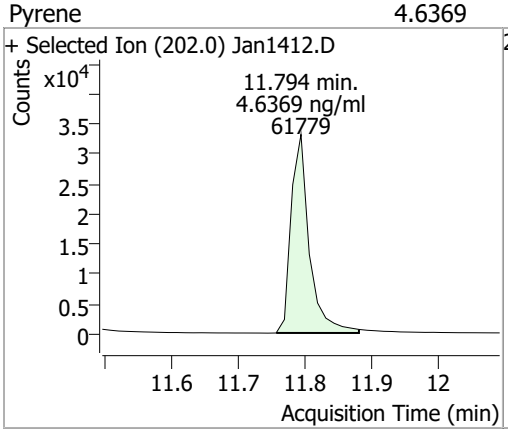
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.8719	11.41	0.00	59011	101.0	13.1	9.6	17.9

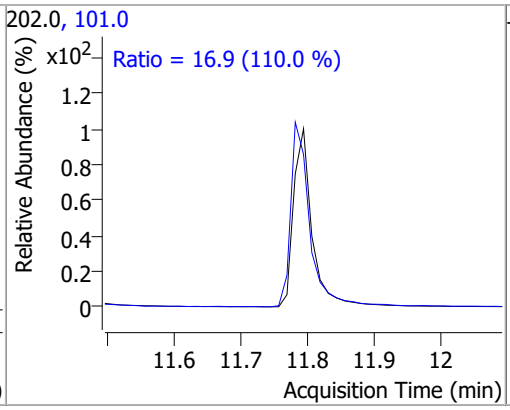


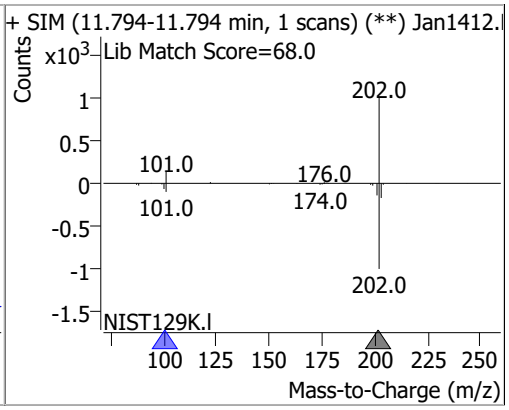




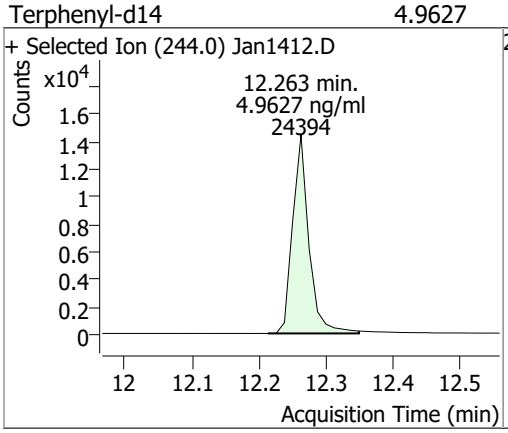
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.6369	11.79	0.00	61779	101.0	16.9	10.7	20.0

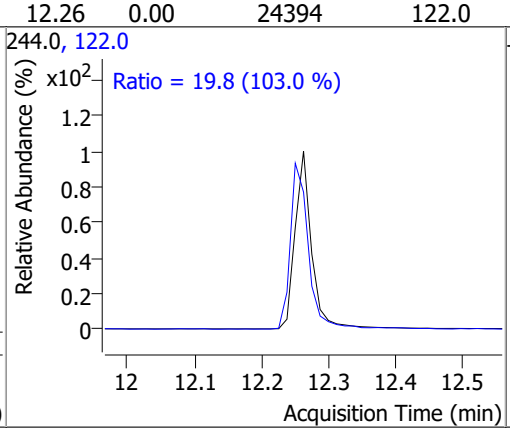


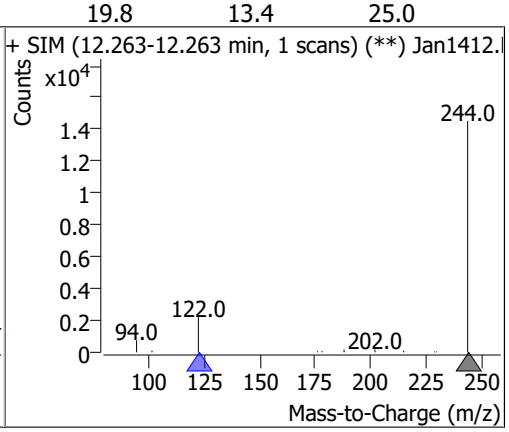




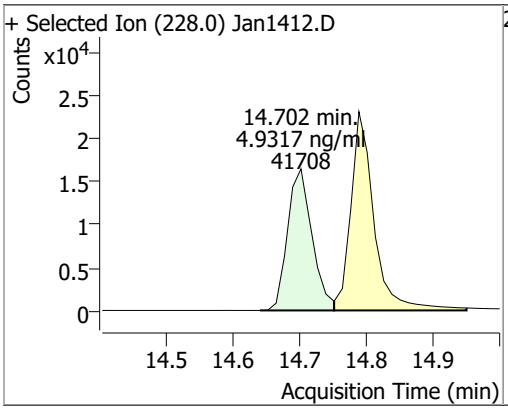
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	4.9627	12.26	0.00	24394	122.0	19.8	13.4	25.0

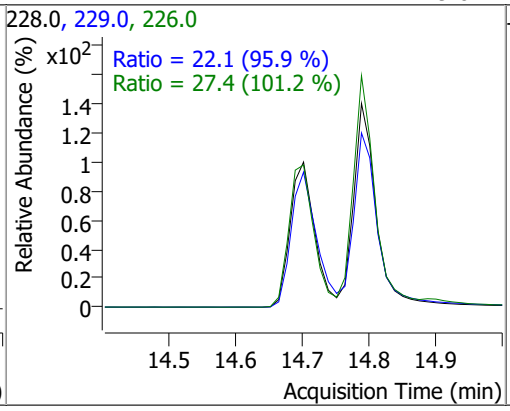


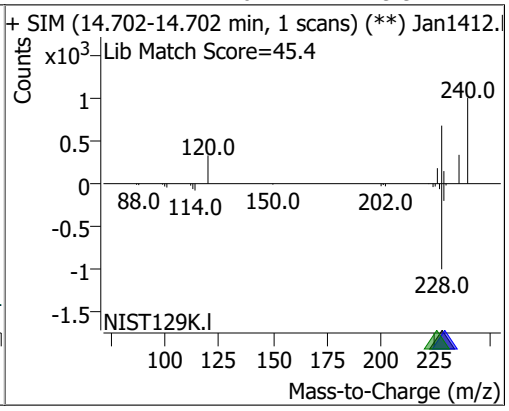




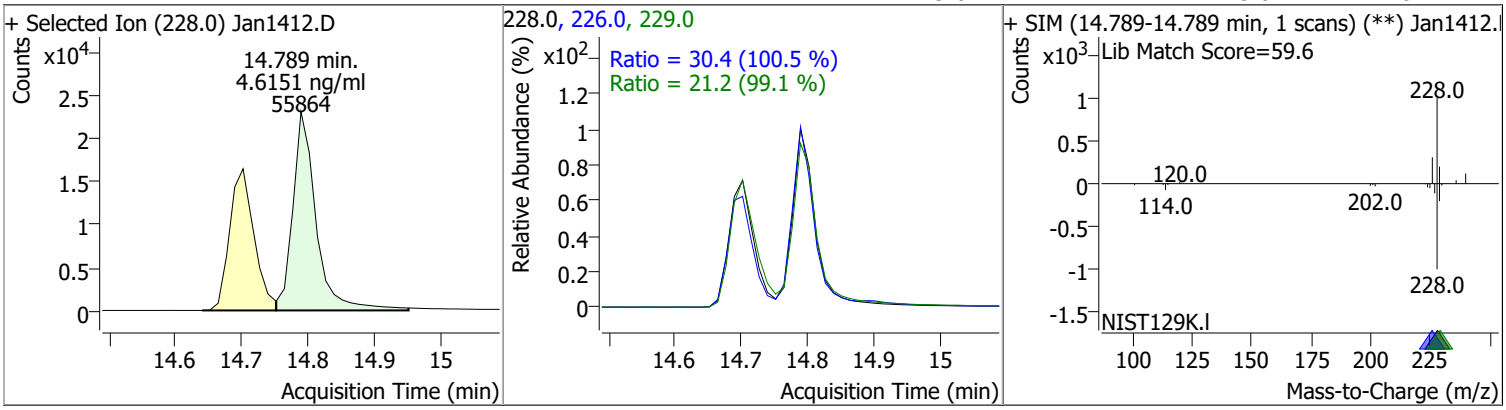
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	4.9317	14.70	0.00	41708	226.0	27.4	18.9	35.1
					229.0	22.1	16.1	29.9



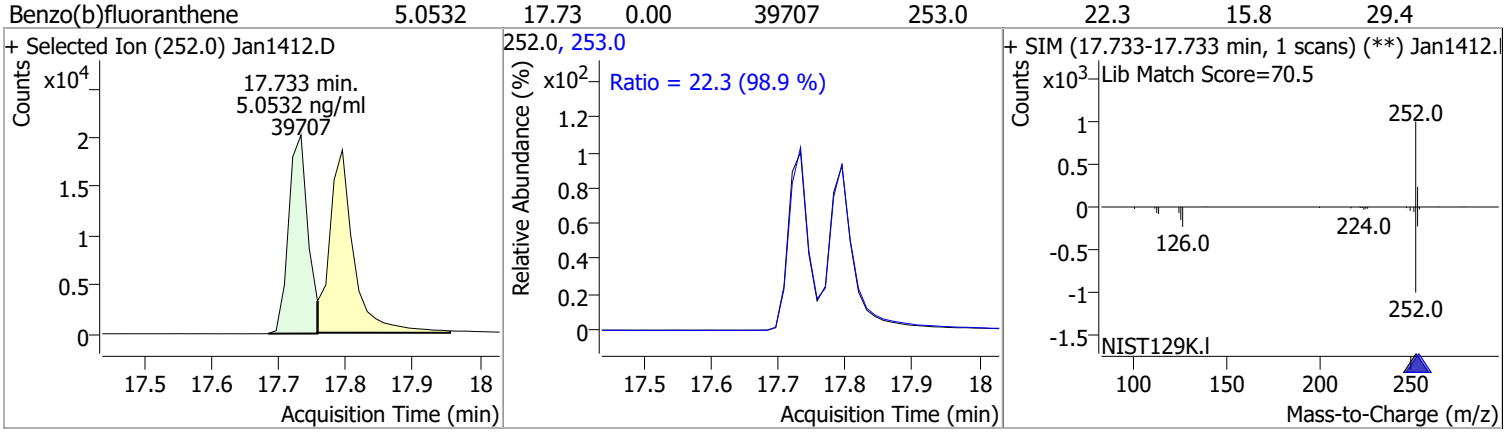




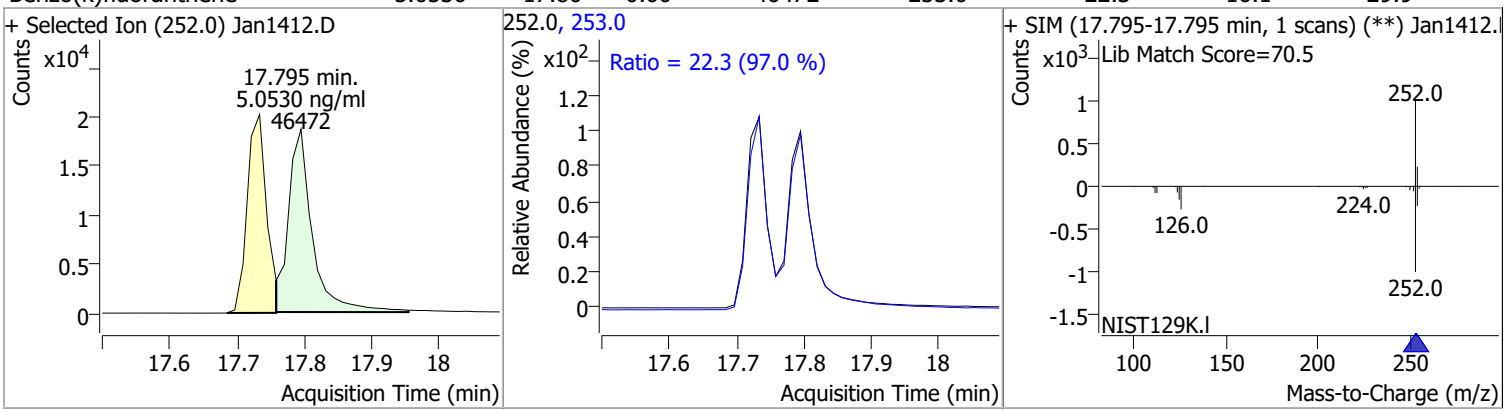
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	4.6151	14.79	0.00	55864	226.0	30.4	21.2	39.4
					229.0	21.2	15.0	27.8



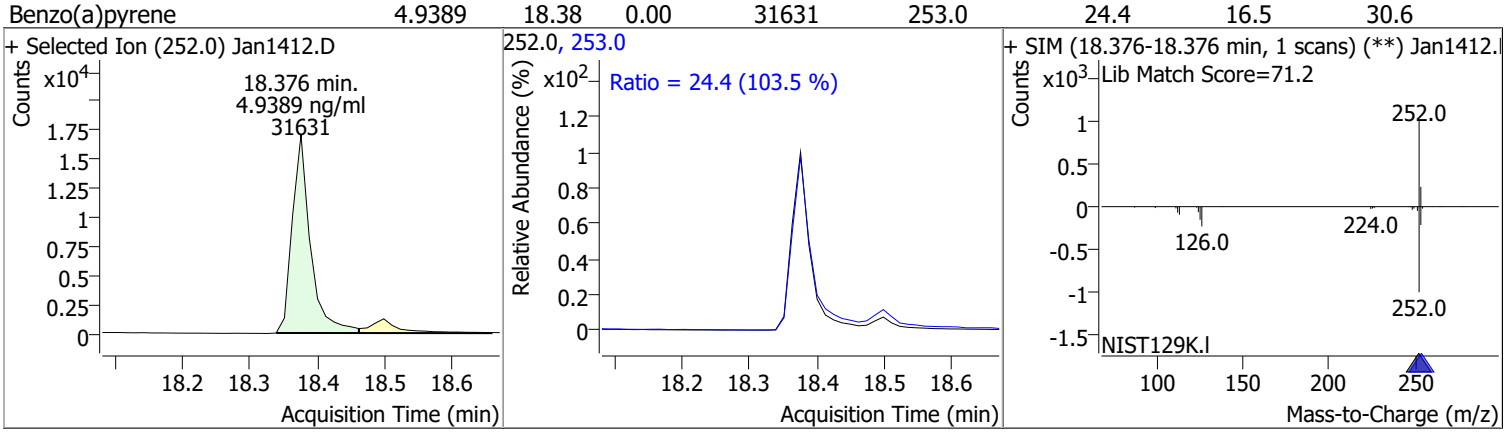
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	5.0532	17.73	0.00	39707	253.0	22.3	15.8	29.4



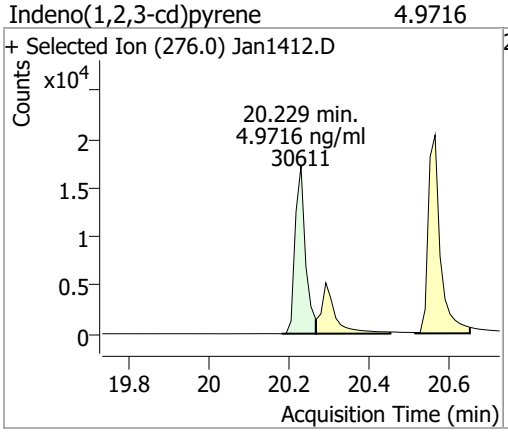
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	5.0530	17.80	0.00	46472	253.0	22.3	16.1	29.9

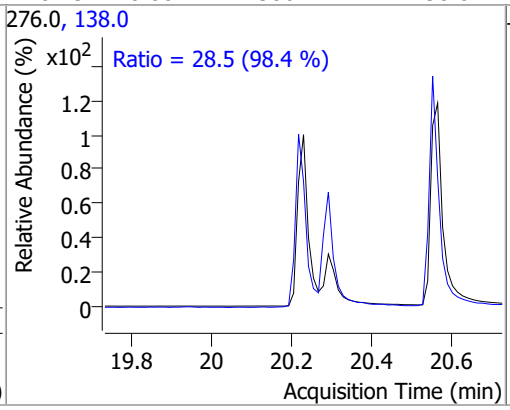


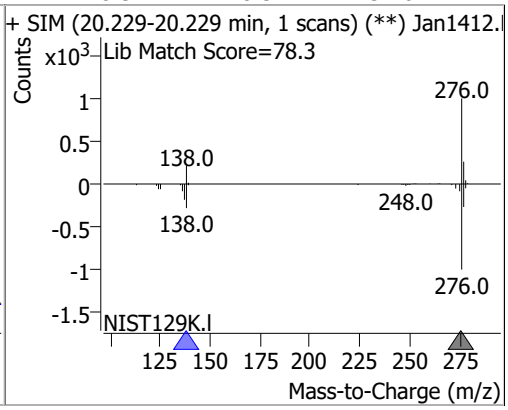
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	4.9389	18.38	0.00	31631	253.0	24.4	16.5	30.6



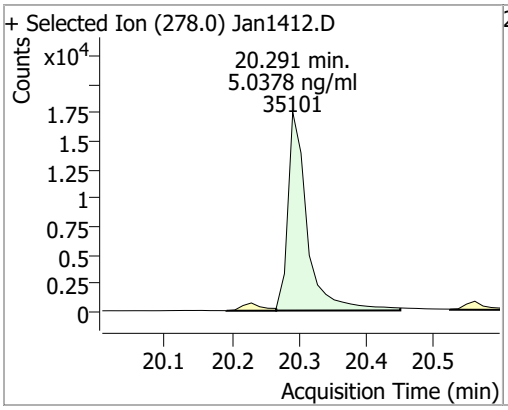
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	4.9716	20.23	0.00	30611	138.0	28.5	20.3	37.6

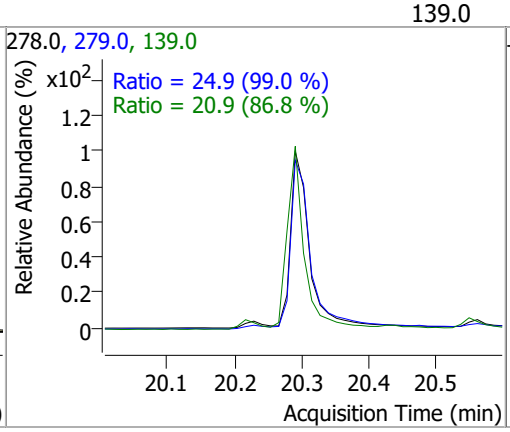


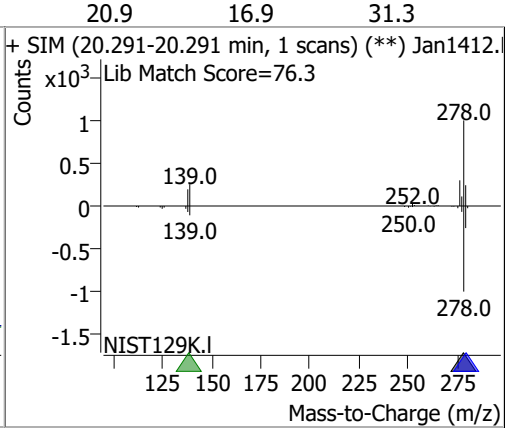




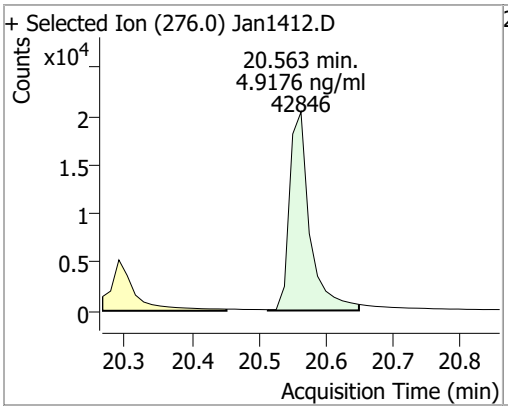
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	5.0378	20.29	-0.01	35101	279.0	24.9	17.6	32.7
					139.0	20.9	16.9	31.3

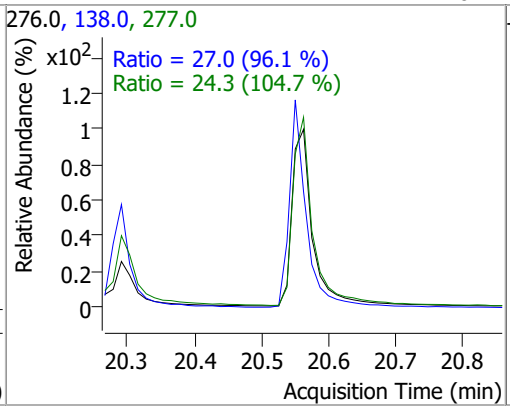


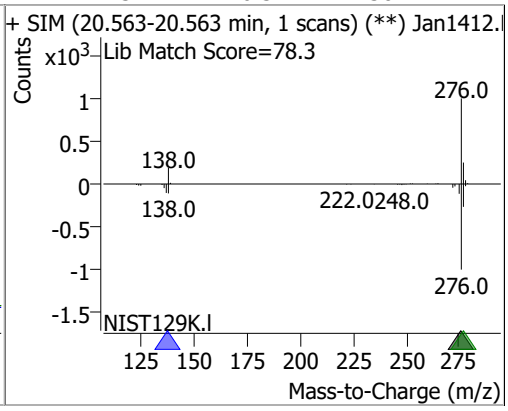




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	4.9176	20.56	0.00	42846	138.0	27.0	19.6	36.5
					277.0	24.3	16.3	30.2

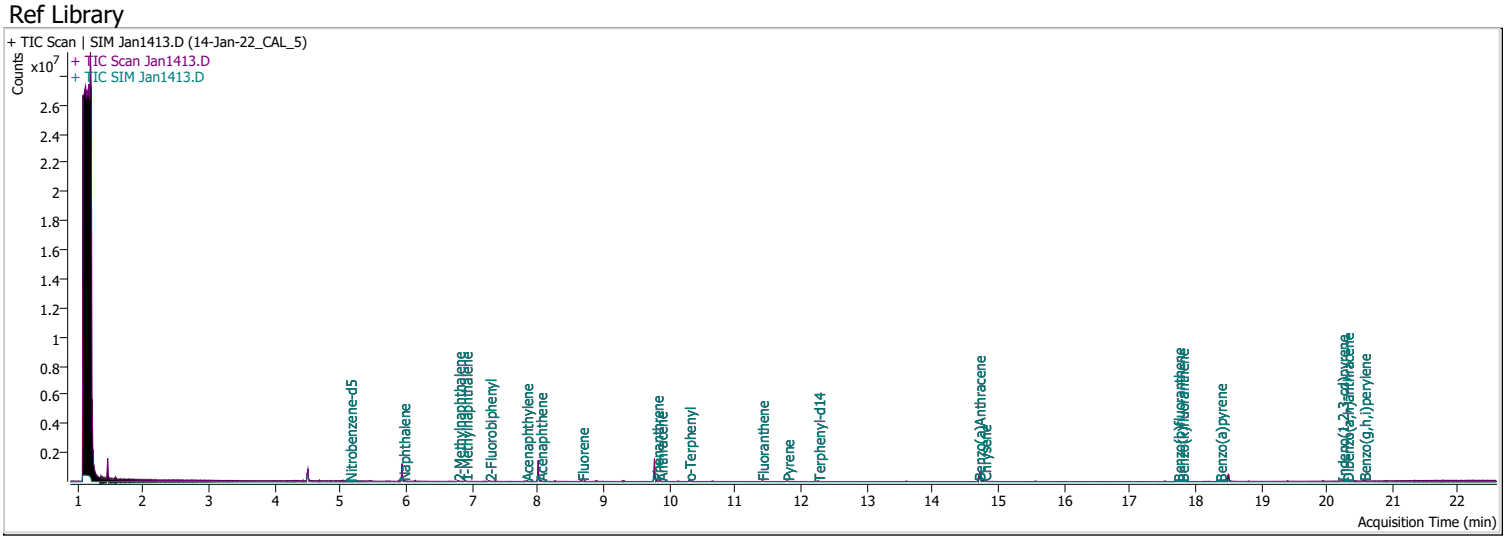






Quantitation Results Report (QT Reviewed)

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			

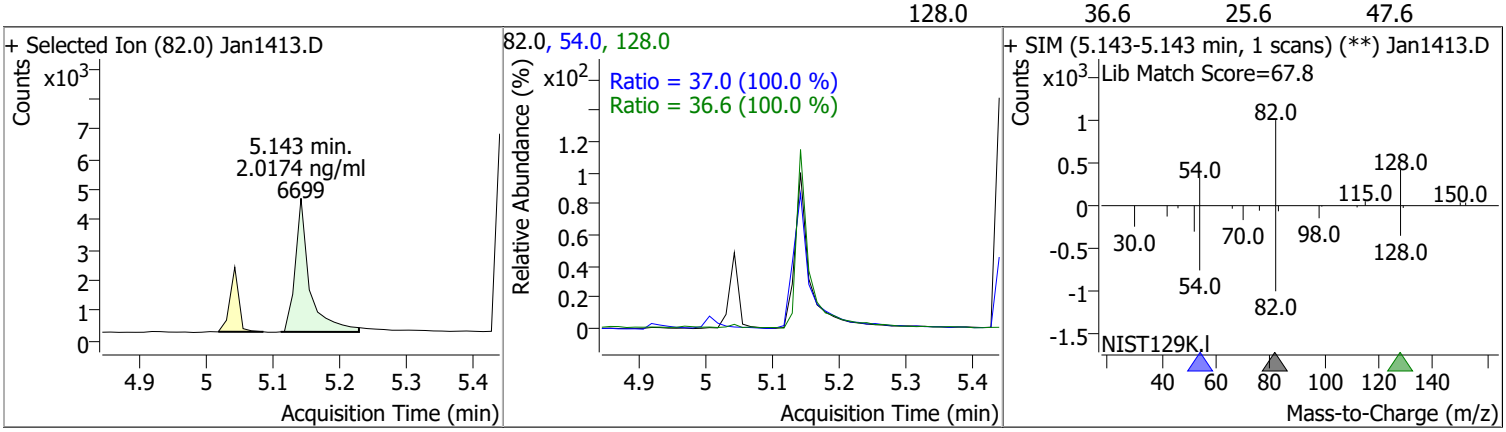


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.497	152.0	173466	40.0000	ng/ml		0.000
M Naphthalene-d8	5.941	136.0	320346	40.0000	ng/ml		0.000
M Acenaphthene-d10	8.000	164.0	171827	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.780	188.0	351005	40.0000	ng/ml		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
System Monitoring Compounds							
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%			
Target Compounds							**QValue**
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

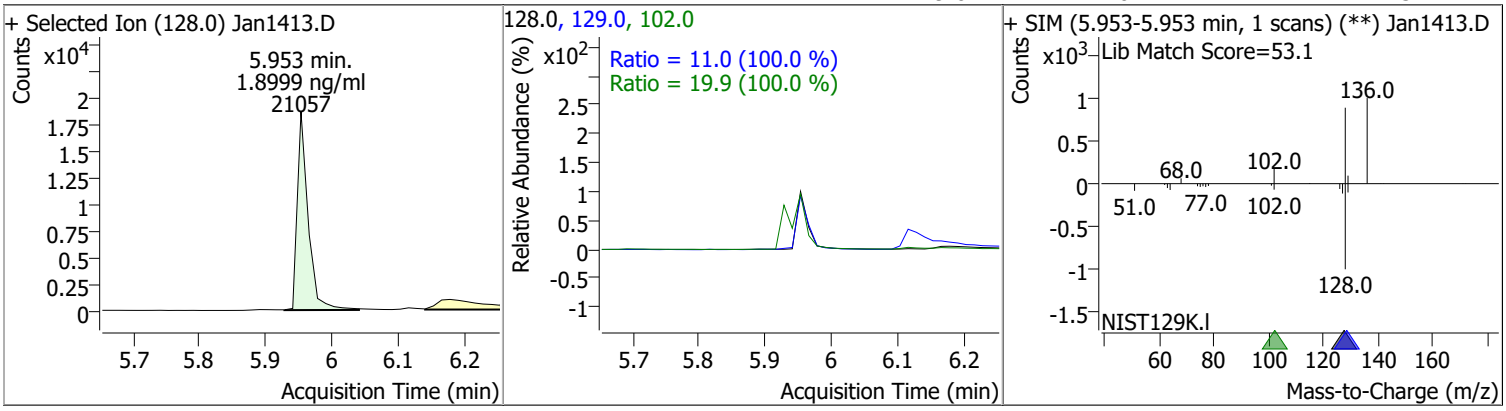
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T Benzo(k)fluoranthene	17.795	252.0	17813	2.0045	ng/ml		100
T Benzo(a)pyrene	18.376	252.0	11949	2.0173	ng/ml		100
T Indeno(1,2,3-cd)pyrene	20.229	276.0	11640	2.0564	ng/ml		100
T Dibenzo(a,h)anthracene	20.303	278.0	12569	1.8212	ng/ml		100
T Benzo(g,h,i)perylene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

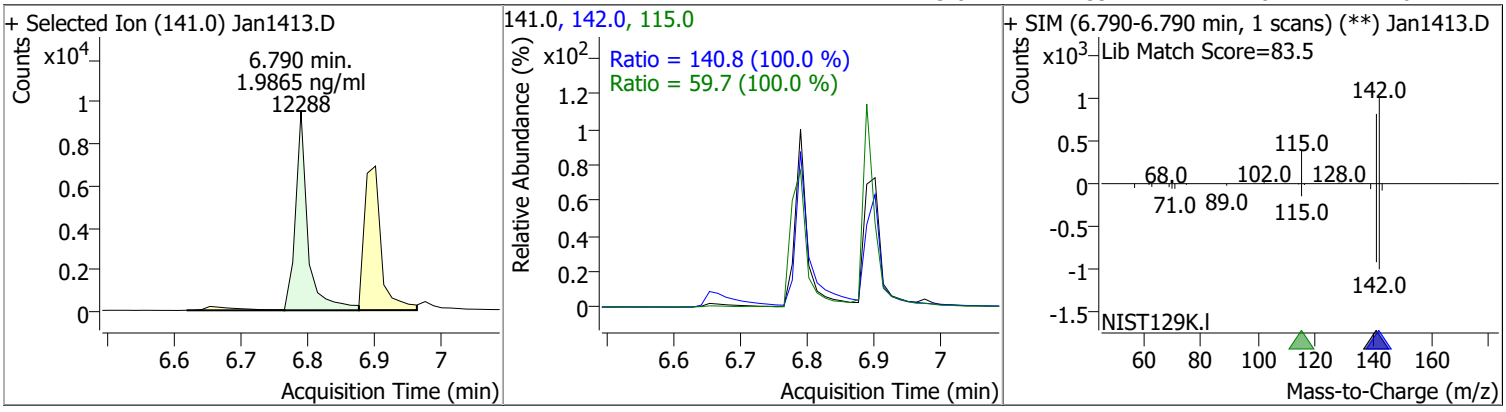
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	2.0174	5.14	0.00	6699	54.0	37.0	25.9	48.1
					128.0	36.6	25.6	47.6



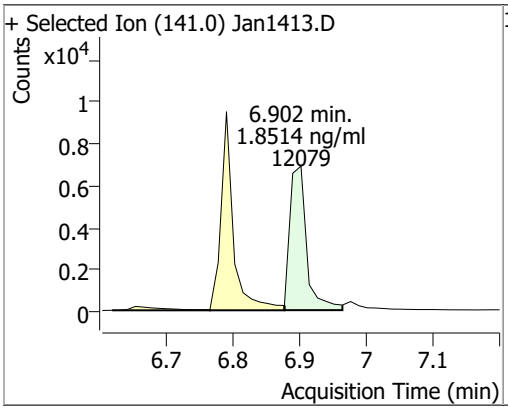
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	1.8999	5.95	0.00	21057	102.0	19.9	0.0	59.6
					129.0	11.0	7.7	14.3

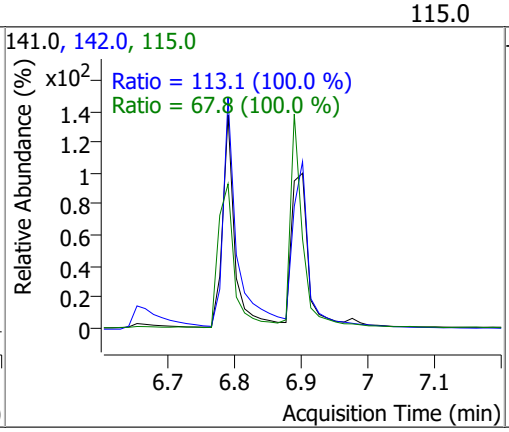


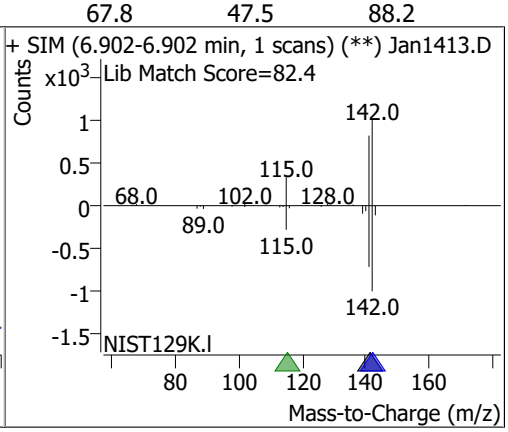
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	1.9865	6.79	0.00	12288	142.0	140.8	98.5	183.0
					115.0	59.7	41.8	77.6



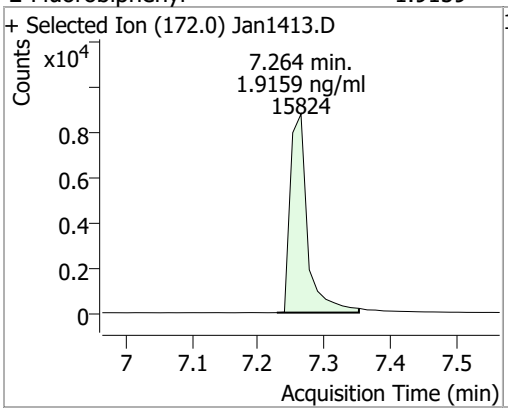
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	1.8514	6.90	0.00	12079	142.0	113.1	79.2	147.1
					115.0	67.8	47.5	88.2

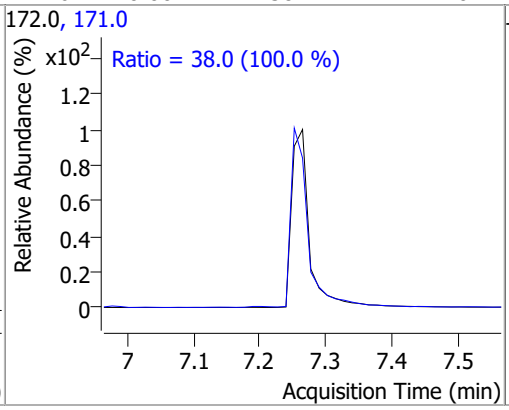


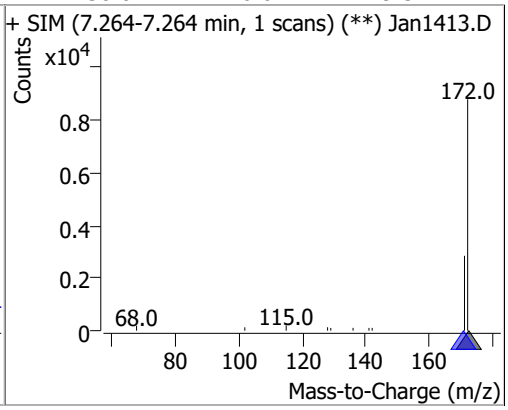




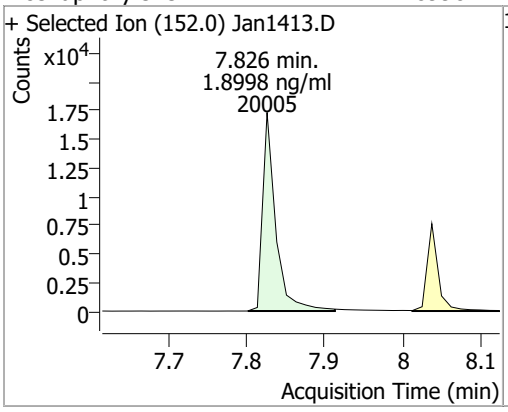
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	1.9159	7.26	0.00	15824	171.0	38.0	26.6	49.5

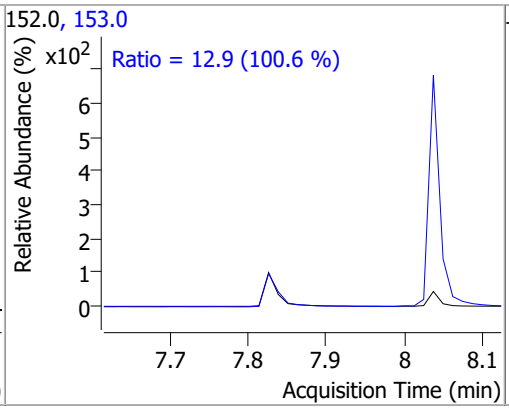


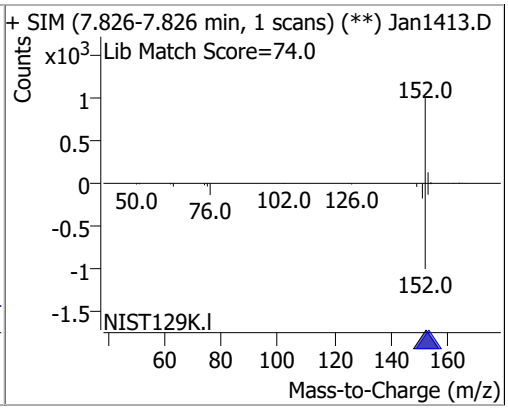




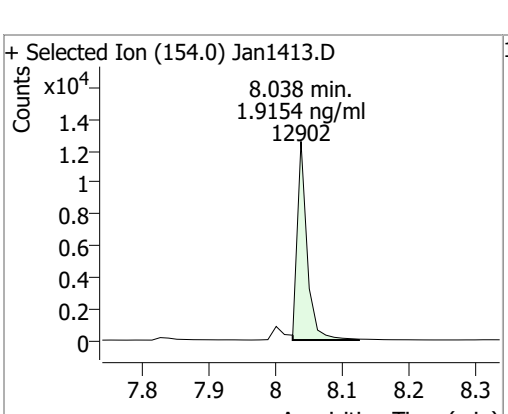
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	1.8998	7.83	0.00	20005	153.0	12.9	9.0	16.6

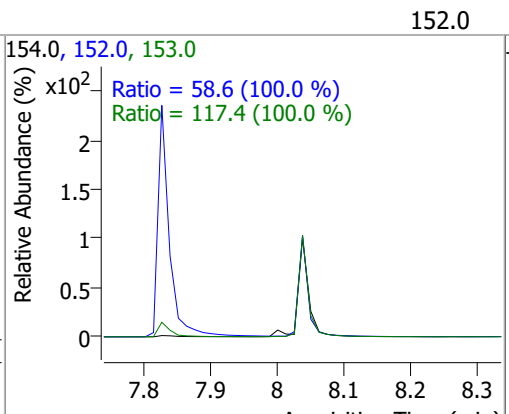


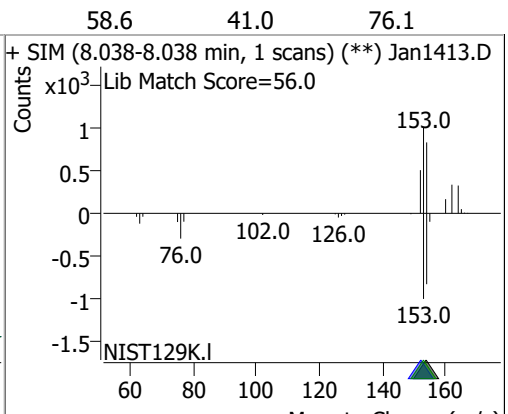




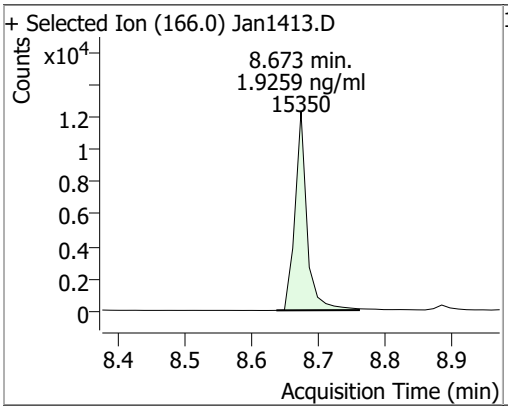
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	1.9154	8.04	0.00	12902	153.0	117.4	82.1	152.6
					152.0	58.6	41.0	76.1

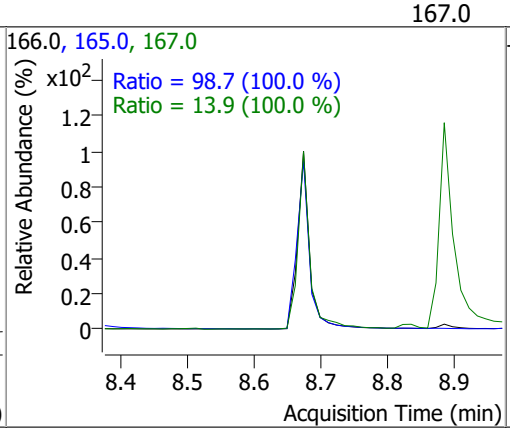


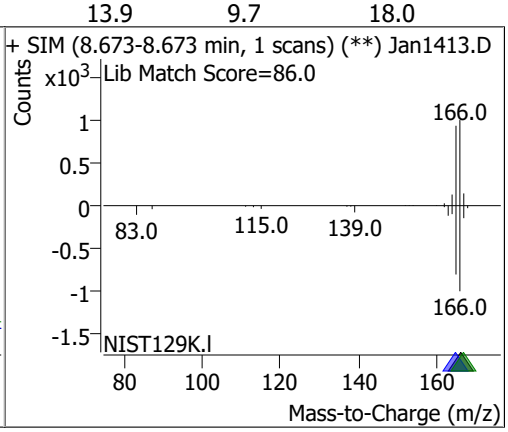




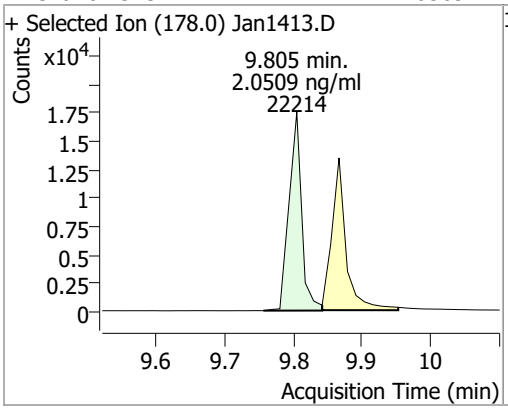
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	1.9259	8.67	0.00	15350	165.0	98.7	69.1	128.3
					167.0	13.9	9.7	18.0

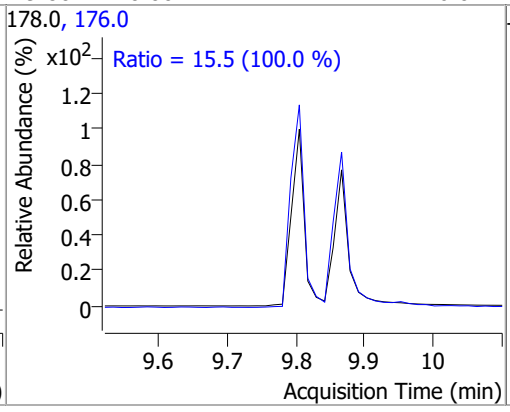


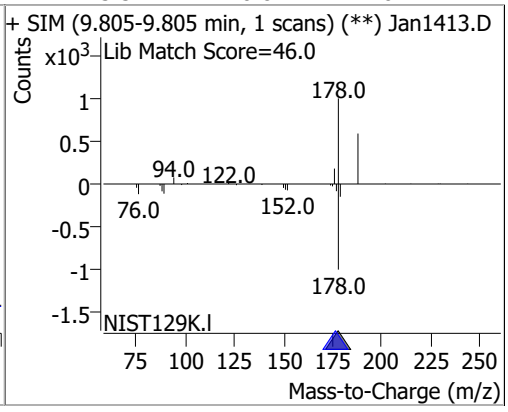




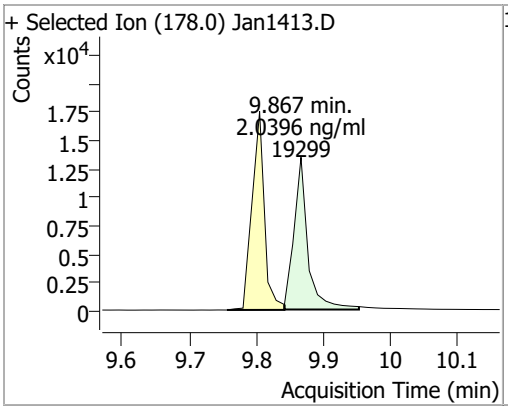
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	2.0509	9.80	0.00	22214	176.0	15.5	10.8	20.1

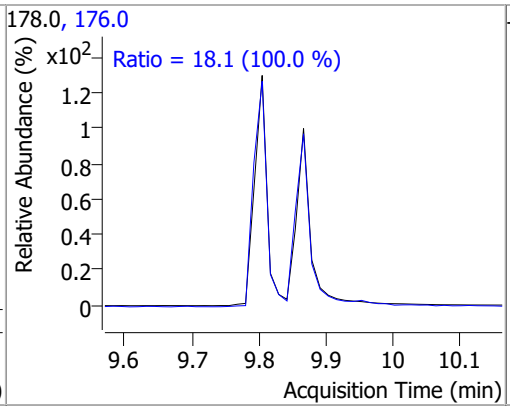


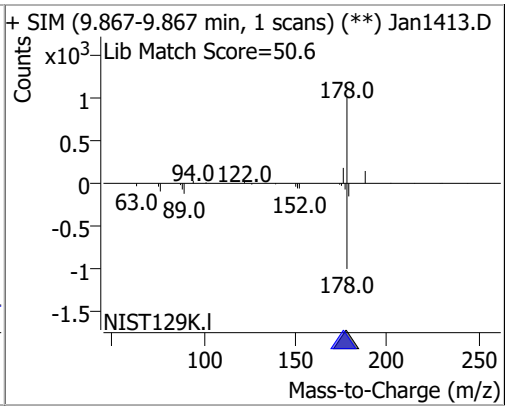




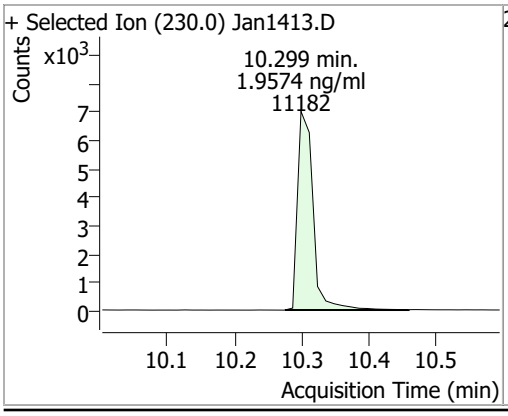
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	2.0396	9.87	0.00	19299	176.0	18.1	12.7	23.5

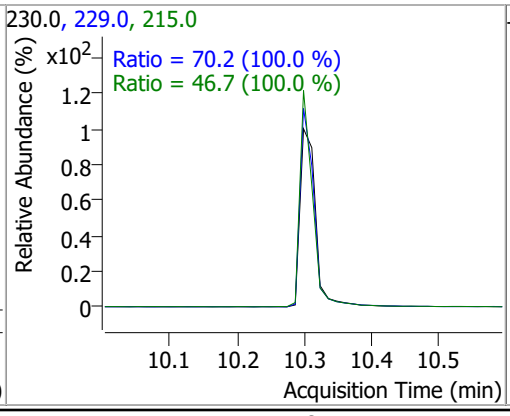


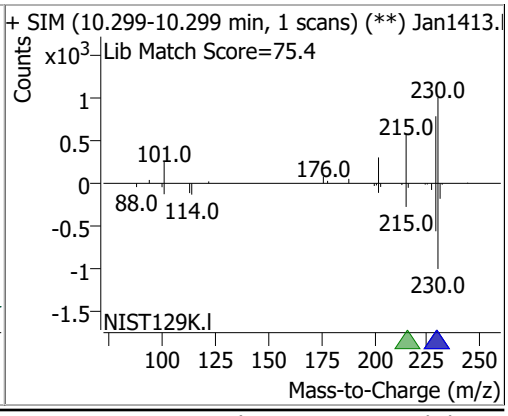




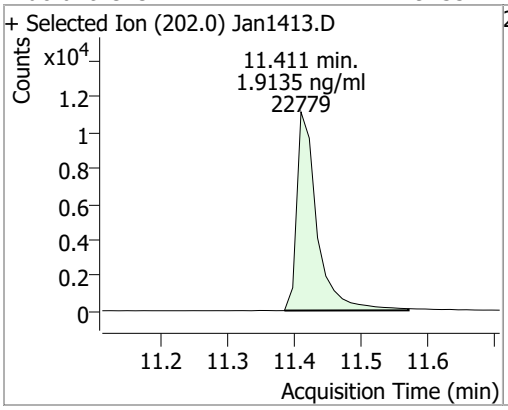
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	1.9574	10.30	0.00	11182	229.0	70.2	49.2	91.3
					215.0	46.7	32.7	60.7

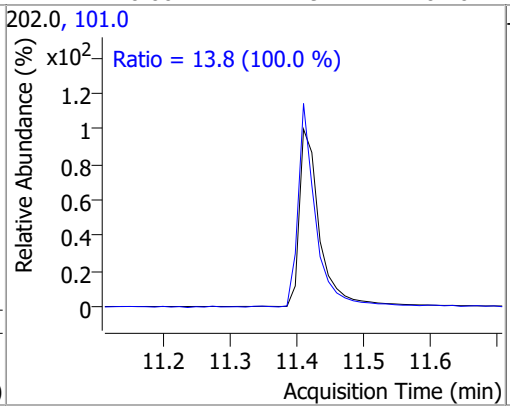


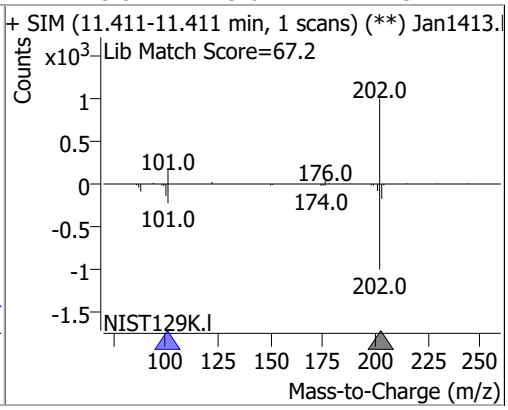




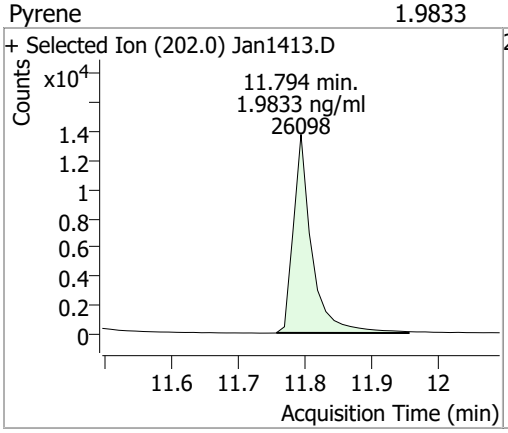
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	1.9135	11.41	0.00	22779	101.0	13.8	9.6	17.9

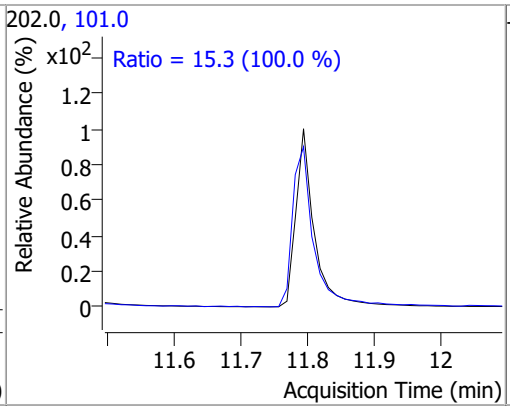


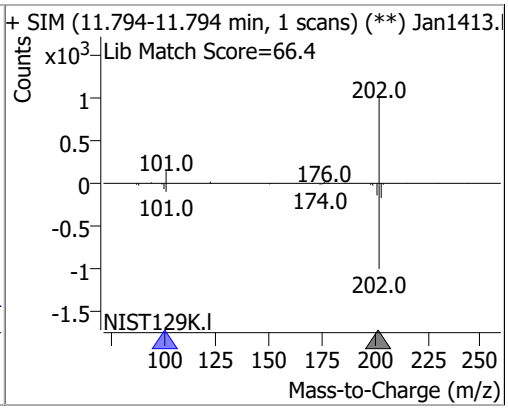




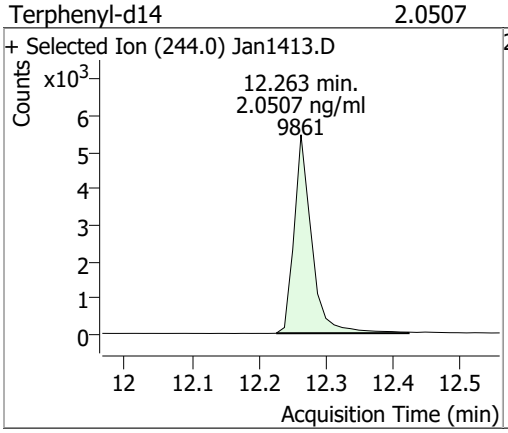
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	1.9833	11.79	0.00	26098	101.0	15.3	10.7	20.0

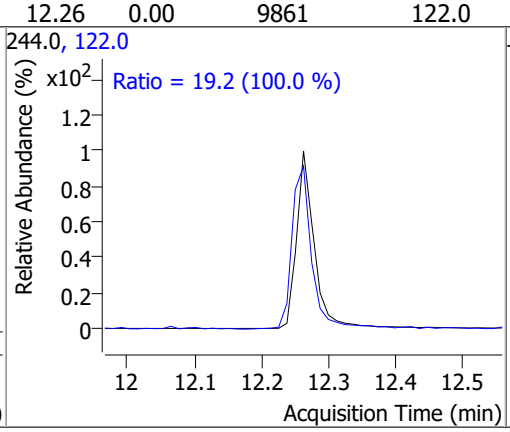


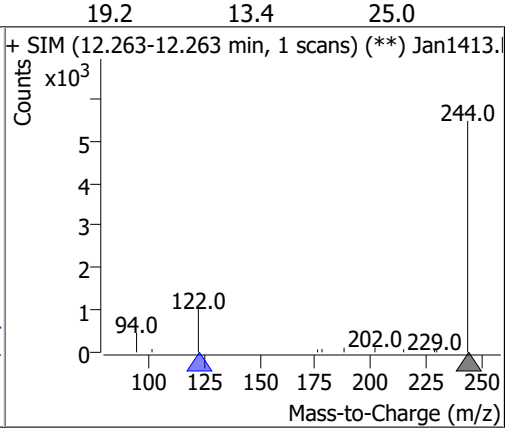




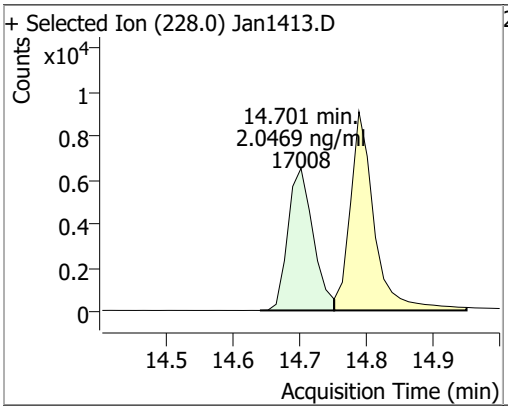
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	2.0507	12.26	0.00	9861	122.0	19.2	13.4	25.0

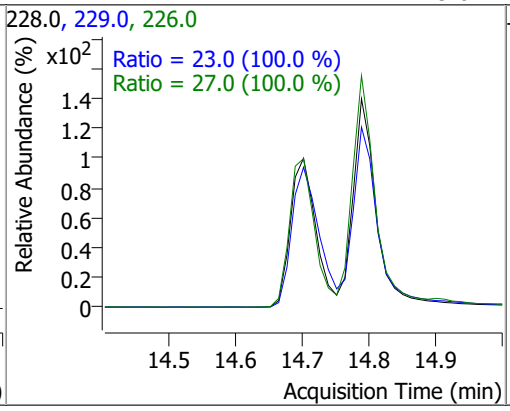


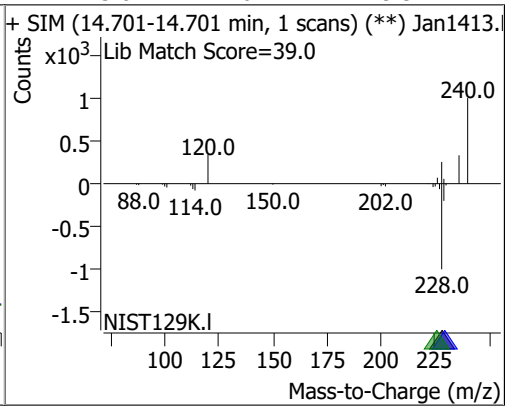




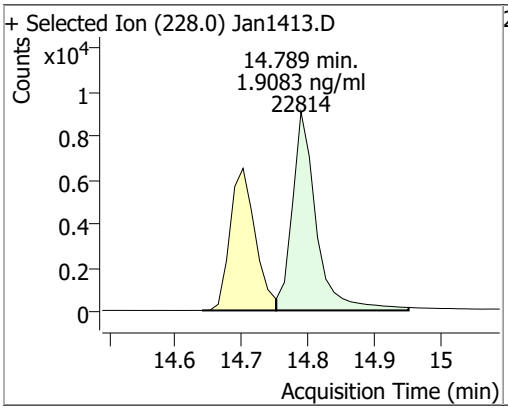
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	2.0469	14.70	0.00	17008	226.0	27.0	18.9	35.1
					229.0	23.0	16.1	29.9

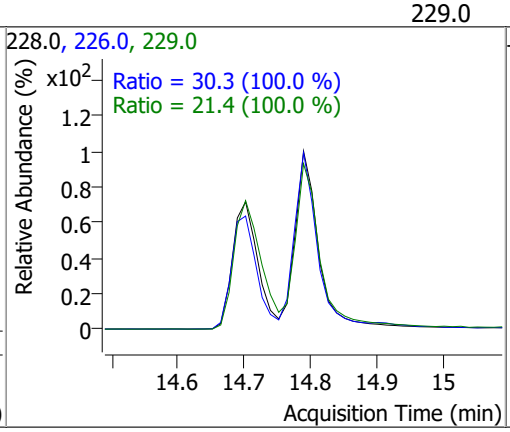


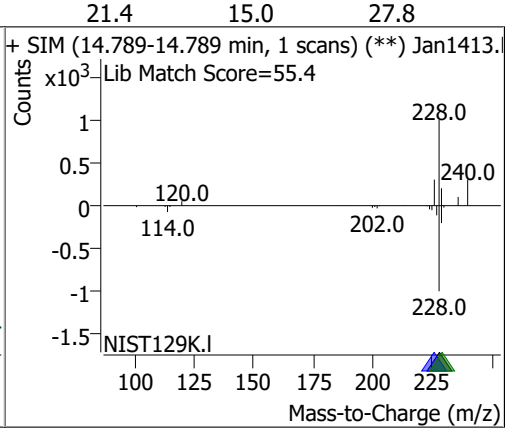




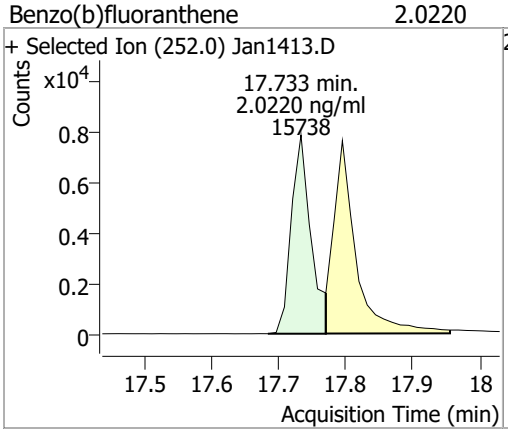
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	1.9083	14.79	0.00	22814	226.0	30.3	21.2	39.4
					229.0	21.4	15.0	27.8

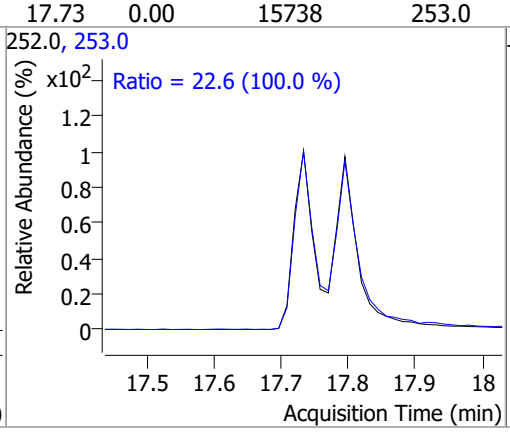


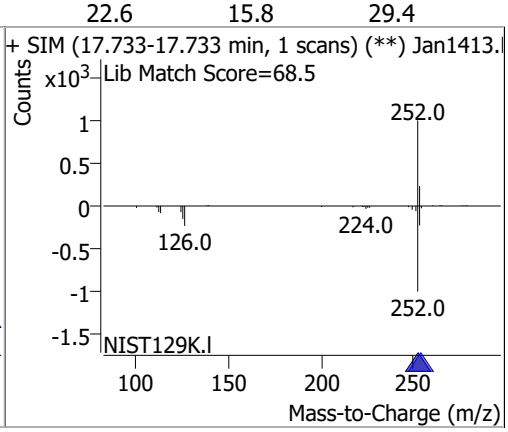




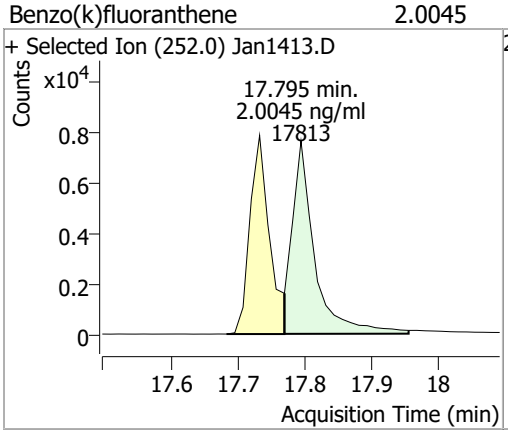
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	2.0220	17.73	0.00	15738	253.0	22.6	15.8	29.4

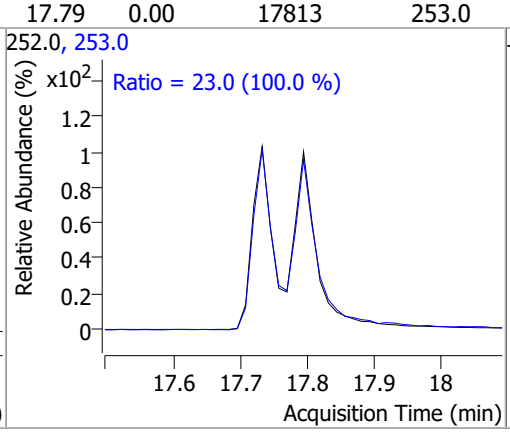


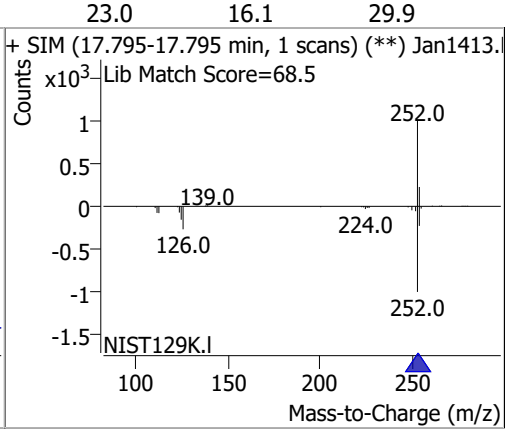




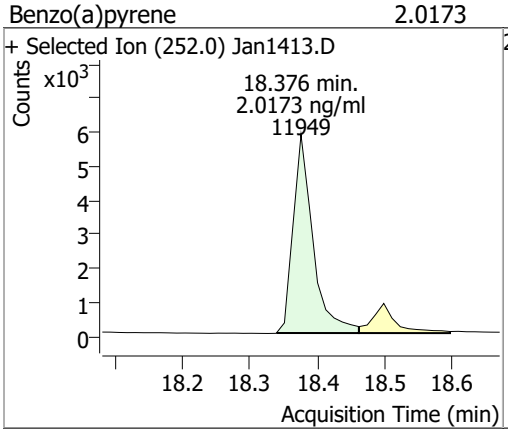
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	2.0045	17.79	0.00	17813	253.0	23.0	16.1	29.9

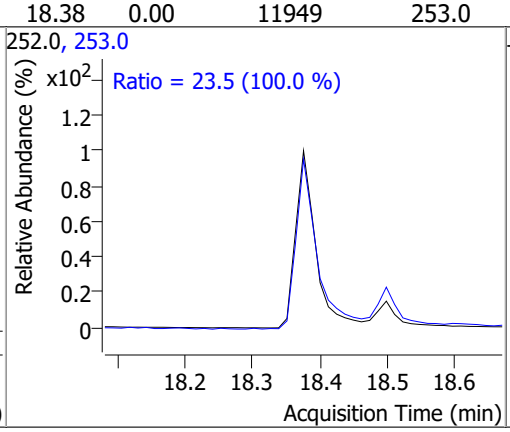


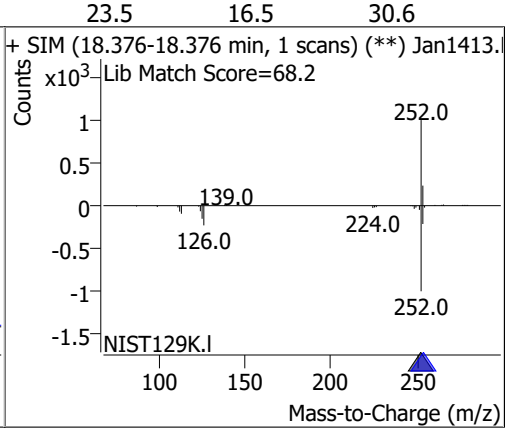




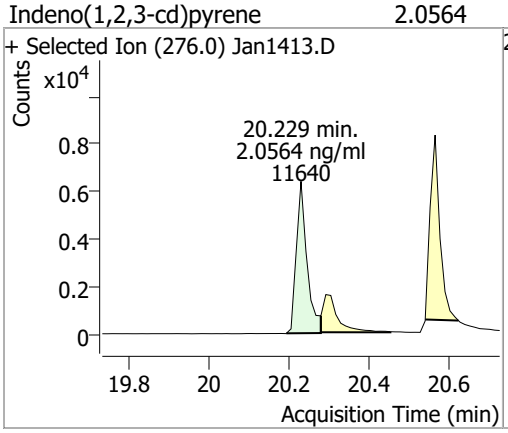
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	2.0173	18.38	0.00	11949	253.0	23.5	16.5	30.6

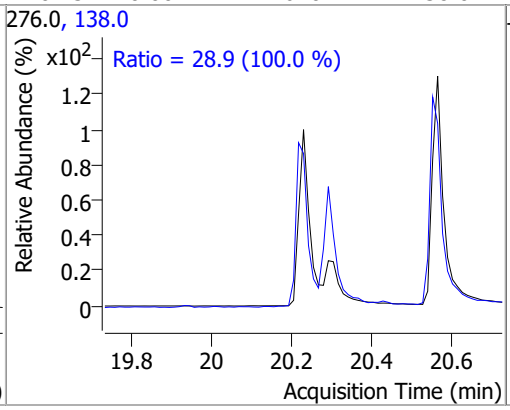


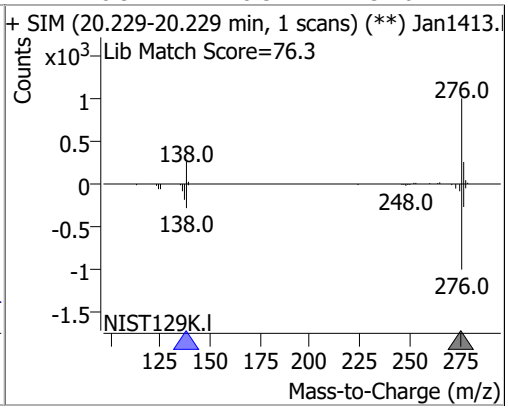




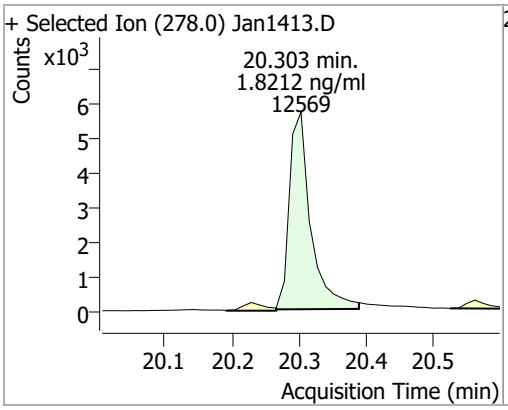
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	2.0564	20.23	0.00	11640	138.0	28.9	20.3	37.6

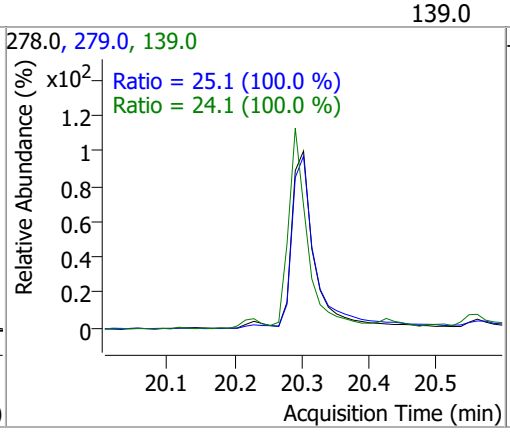


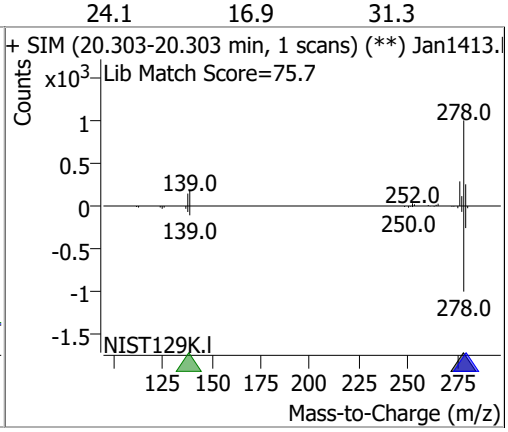




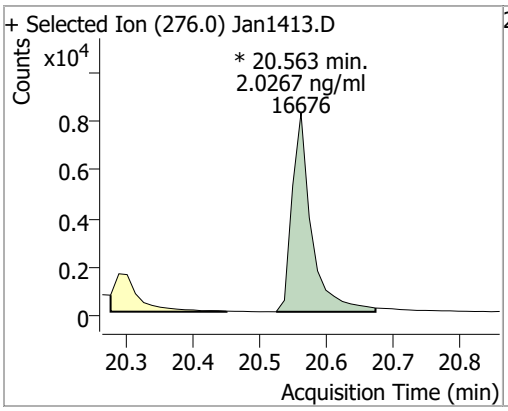
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	1.8212	20.30	0.00	12569	279.0	25.1	17.6	32.7
					139.0	24.1	16.9	31.3

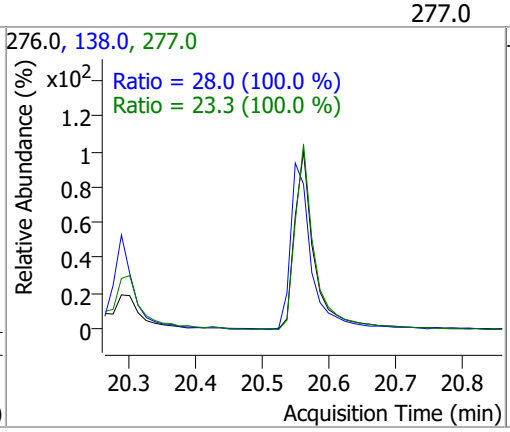


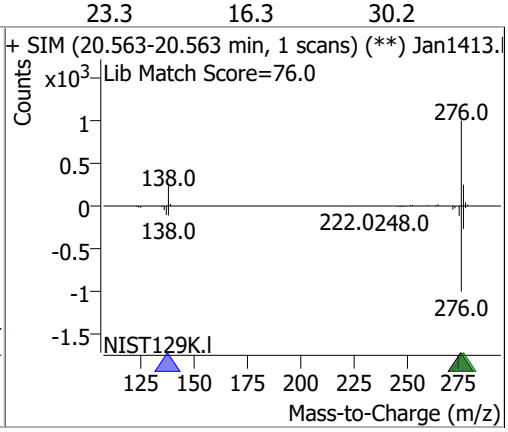




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	2.0267	20.56	0.00	16676 (m)	138.0	28.0	19.6	36.5
					277.0	23.3	16.3	30.2

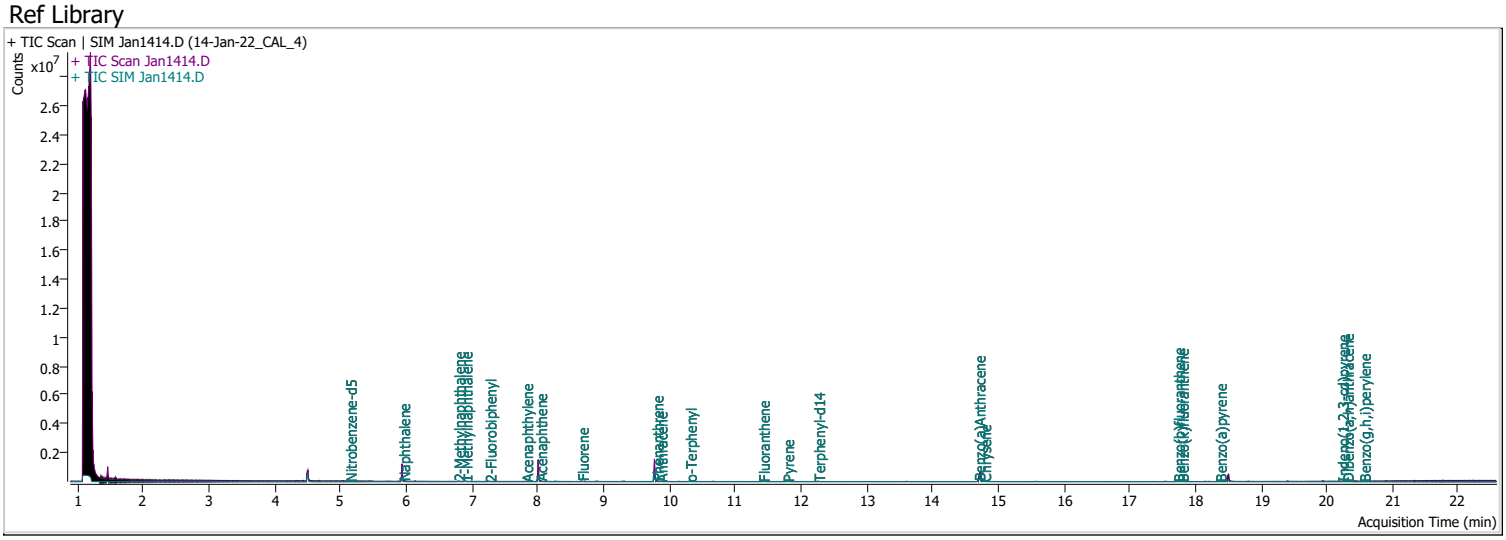






Quantitation Results Report (QT Reviewed)

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			

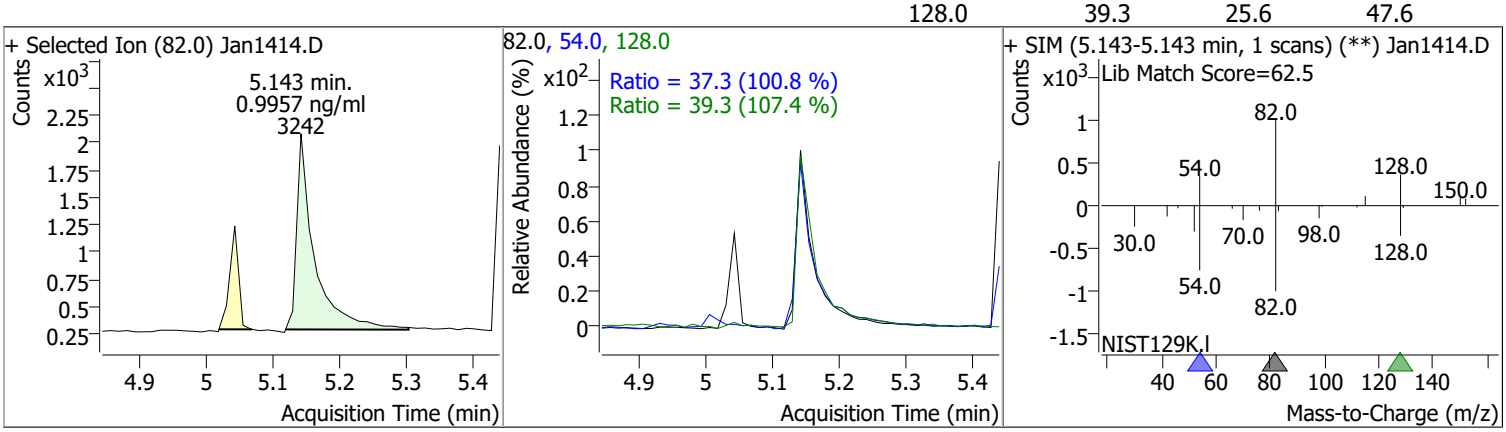


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.497	152.0	180220	40.0000	ng/ml		0.000
M Naphthalene-d8	5.941	136.0	329021	40.0000	ng/ml		0.000
M Acenaphthene-d10	8.013	164.0	178036	40.0000	ng/ml		0.013
M Phenanthrene-d10	9.780	188.0	366553	40.0000	ng/ml		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
System Monitoring Compounds							
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%		*	
Target Compounds							**QValue**
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

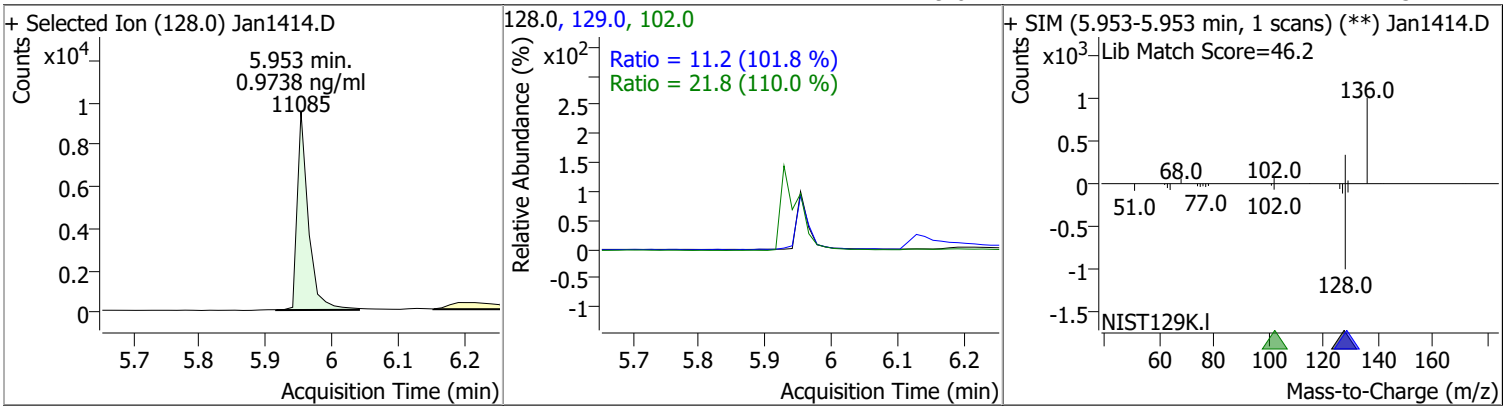
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.795	252.0	8490	0.9530	ng/ml	96
T Benzo(a)pyrene	18.376	252.0	5985	1.0216	ng/ml	98
T Indeno(1,2,3-cd)pyrene	20.229	276.0	5490	0.9888	ng/ml	99
T Dibenzo(a,h)anthracene	20.303	278.0	6525	0.9399	ng/ml	99
T Benzo(g,h,i)perylene	20.563	276.0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

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

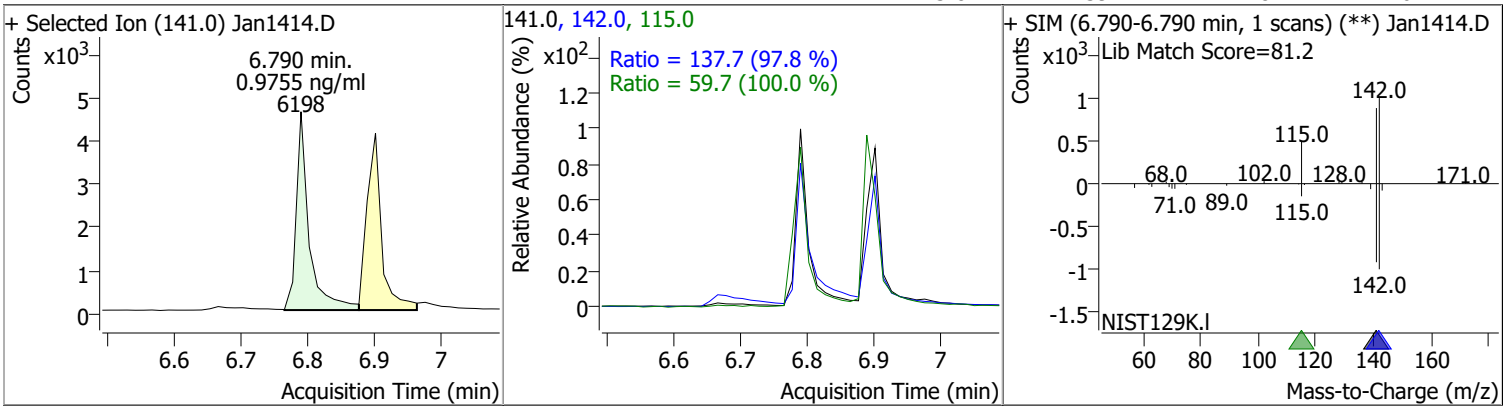
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	0.9957	5.14	0.00	3242	54.0	37.3	25.9	48.1
					128.0	39.3	25.6	47.6



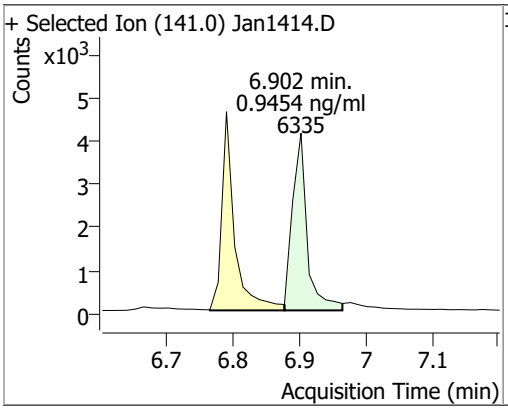
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	0.9738	5.95	0.00	11085	102.0	21.8	0.0	59.6
					129.0	11.2	7.7	14.3

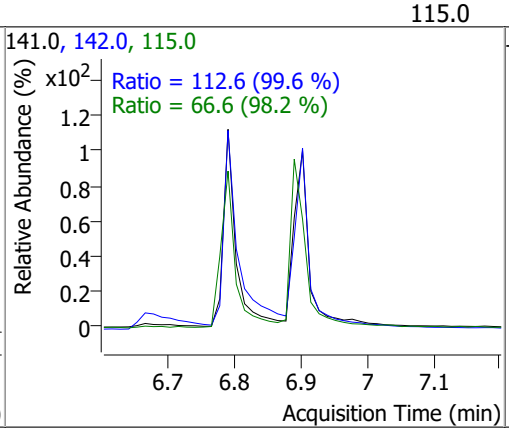


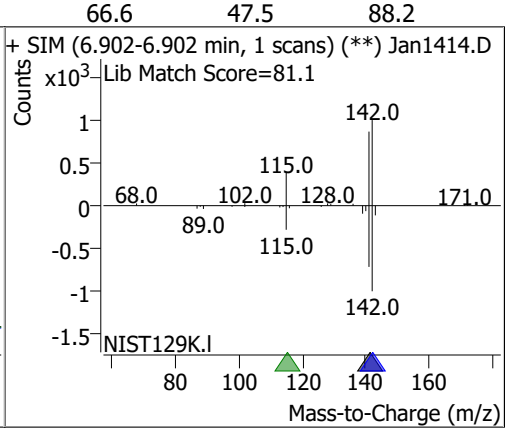
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	0.9755	6.79	0.00	6198	142.0	137.7	98.5	183.0
					115.0	59.7	41.8	77.6



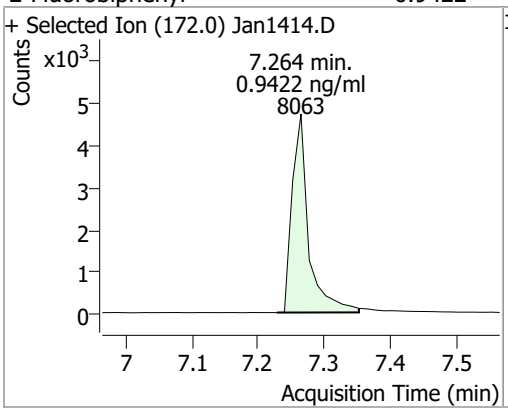
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	0.9454	6.90	0.00	6335	142.0	112.6	79.2	147.1
					115.0	66.6	47.5	88.2

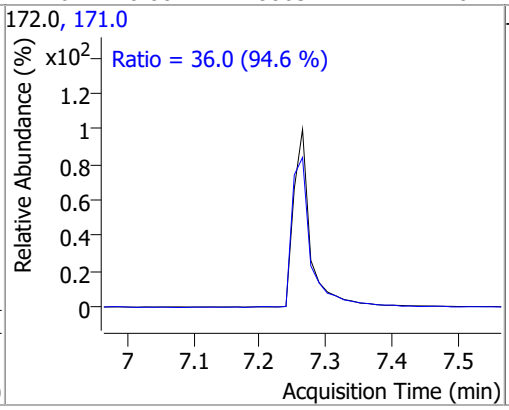


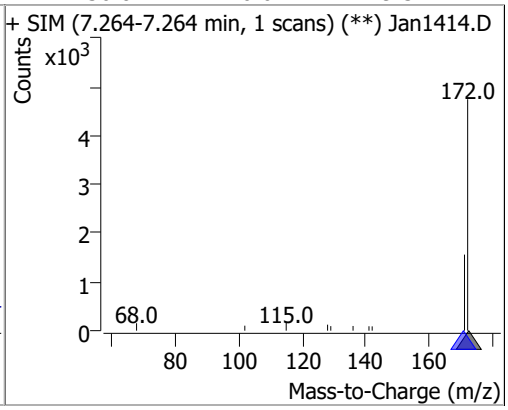




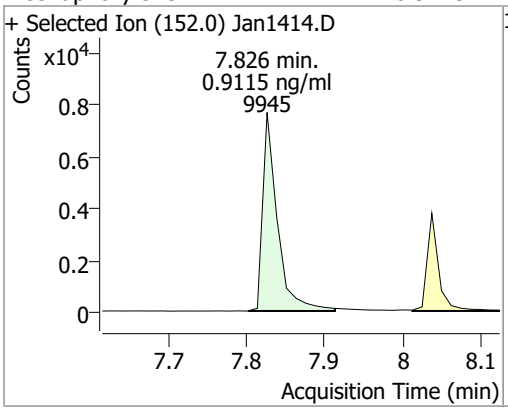
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	0.9422	7.26	0.00	8063	171.0	36.0	26.6	49.5

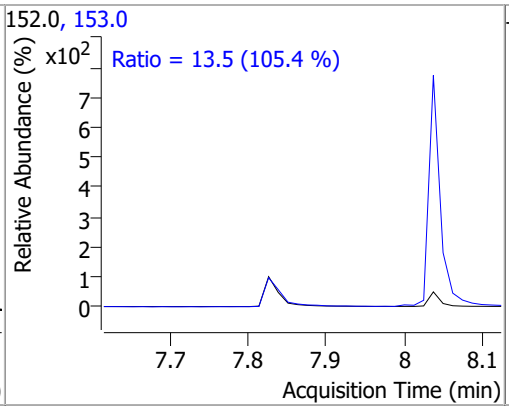


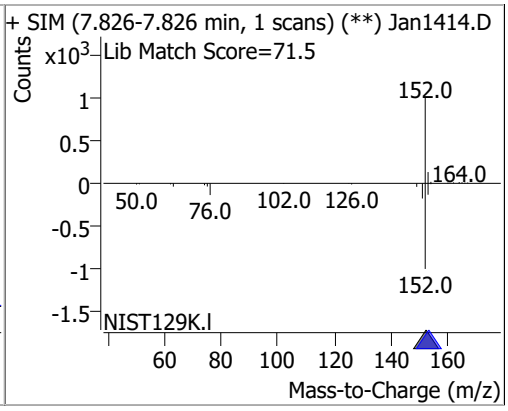




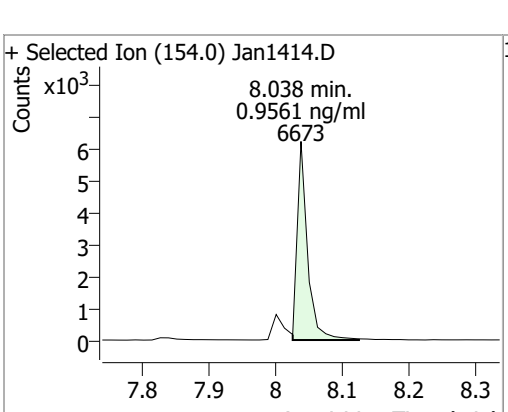
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	0.9115	7.83	0.00	9945	153.0	13.5	9.0	16.6

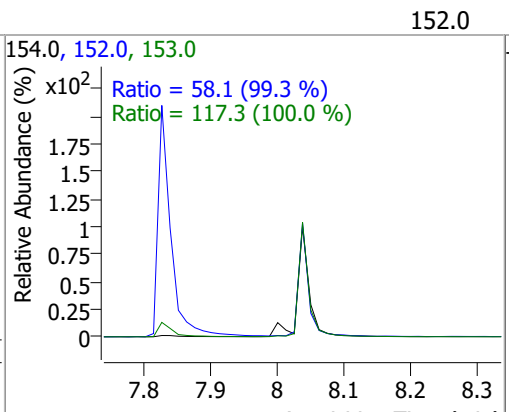


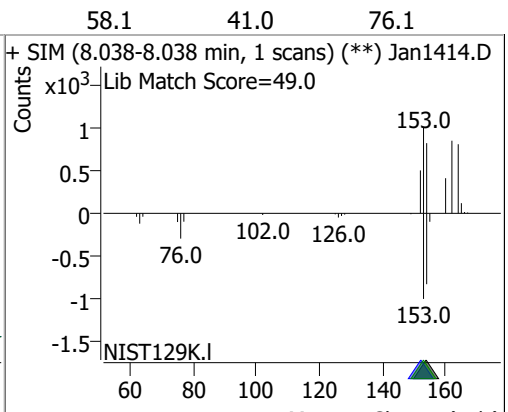




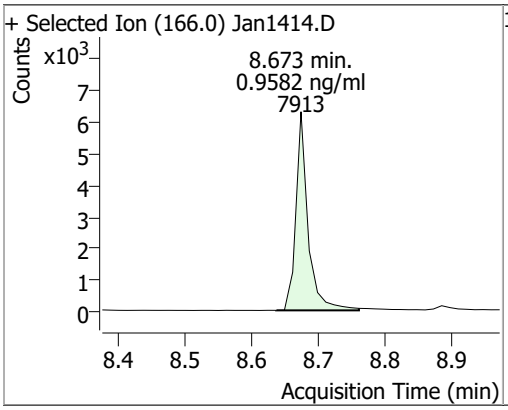
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	0.9561	8.04	0.00	6673	153.0	117.3	82.1	152.6
					152.0	58.1	41.0	76.1

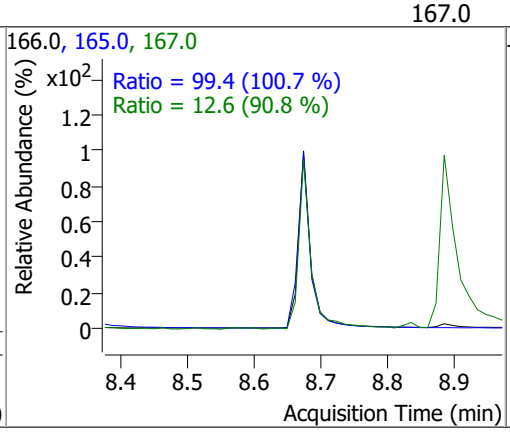


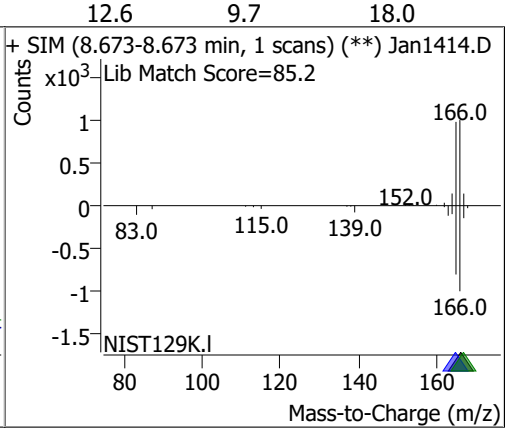




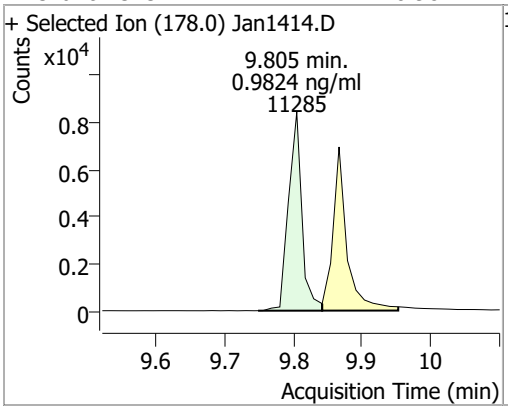
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	0.9582	8.67	0.00	7913	165.0	99.4	69.1	128.3
					167.0	12.6	9.7	18.0

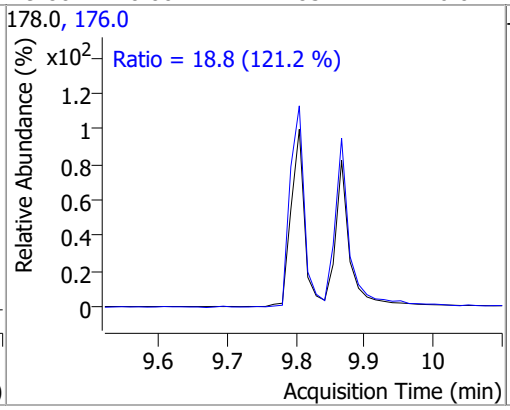


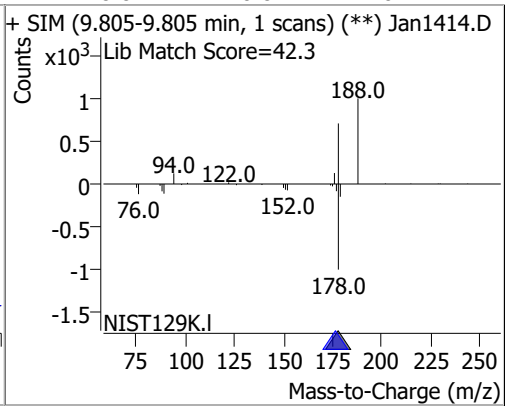




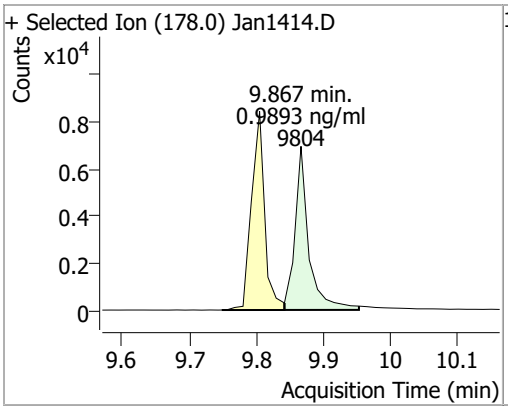
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	0.9824	9.80	0.00	11285	176.0	18.8	10.8	20.1

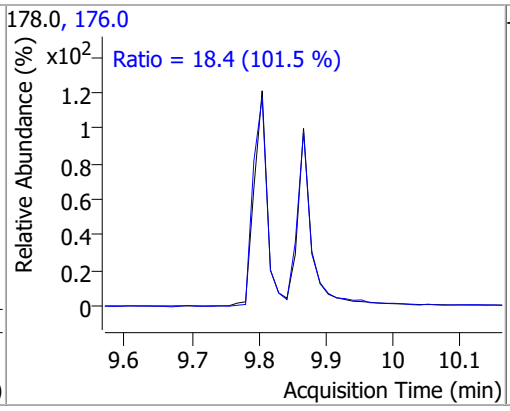


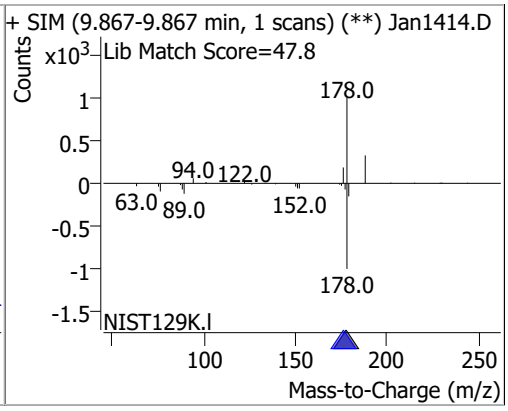




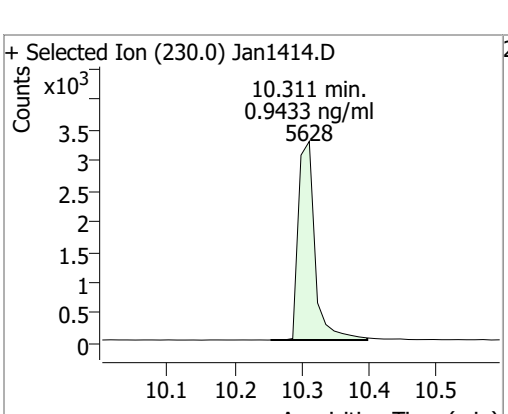
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	0.9893	9.87	0.00	9804	176.0	18.4	12.7	23.5

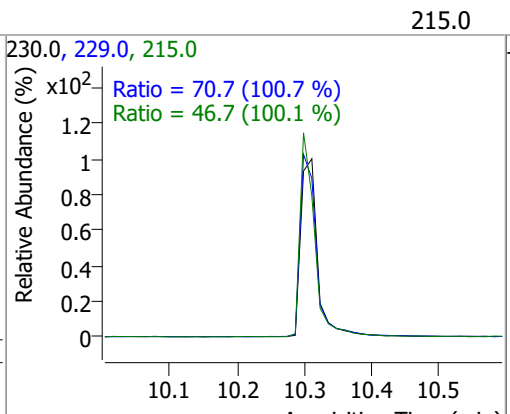


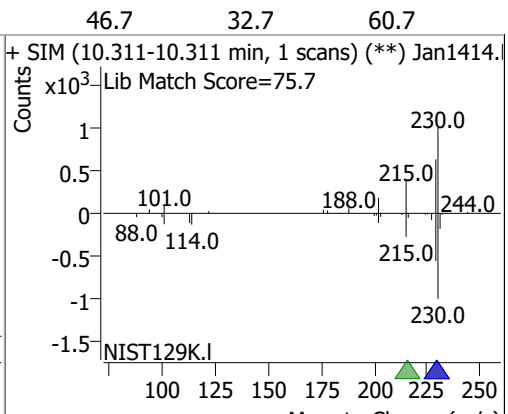




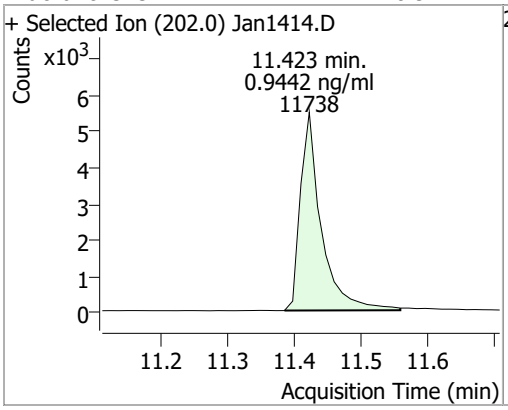
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.9433	10.31	0.01	5628	229.0	70.7	49.2	91.3
					215.0	46.7	32.7	60.7

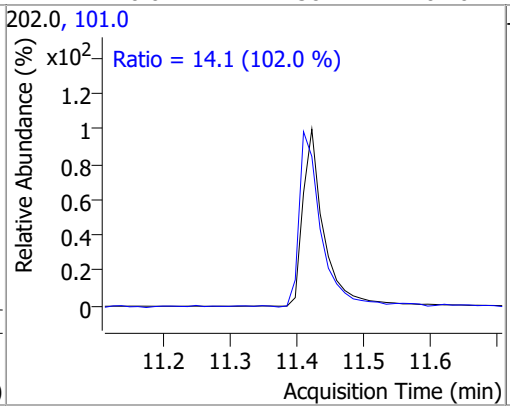


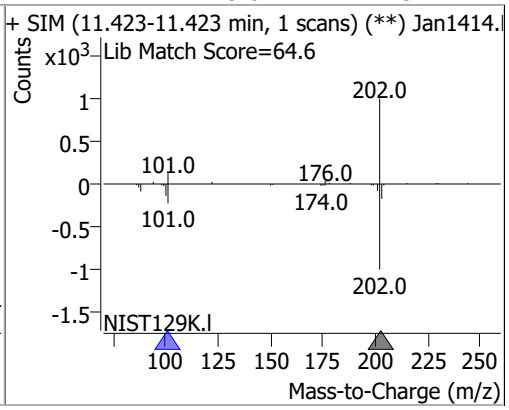




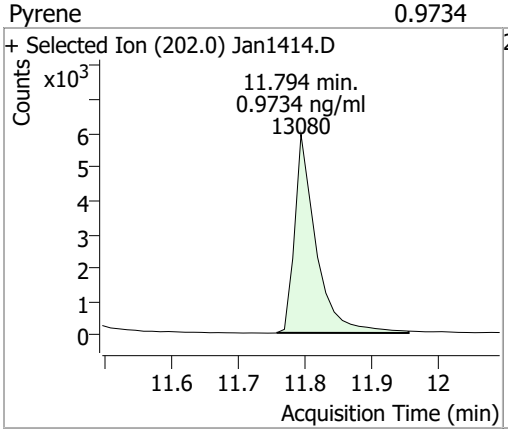
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	0.9442	11.42	0.01	11738	101.0	14.1	9.6	17.9

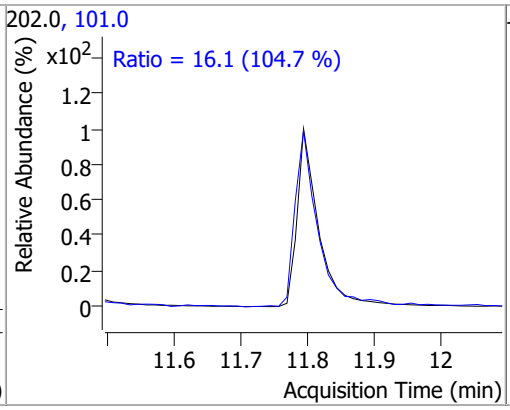


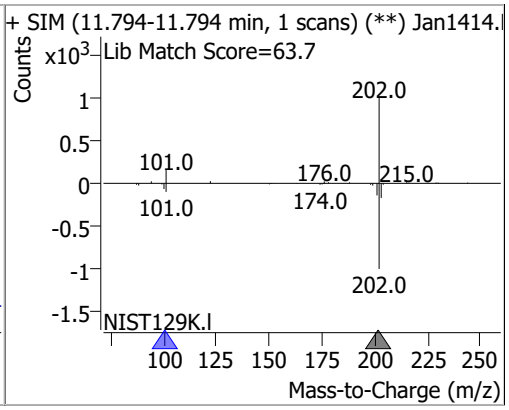




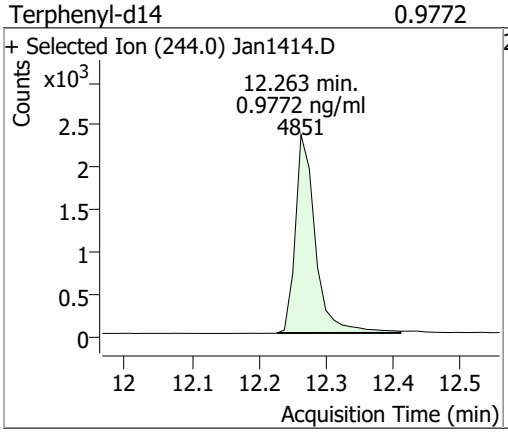
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	0.9734	11.79	0.00	13080	101.0	16.1	10.7	20.0

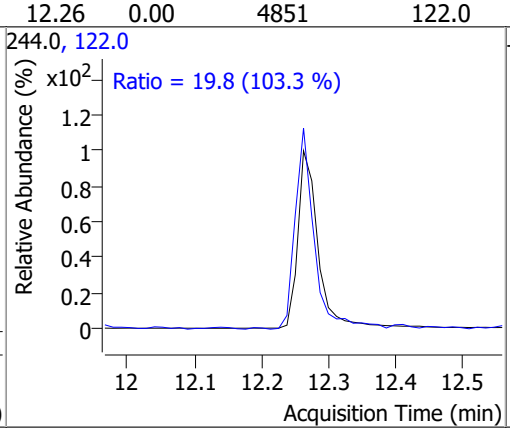


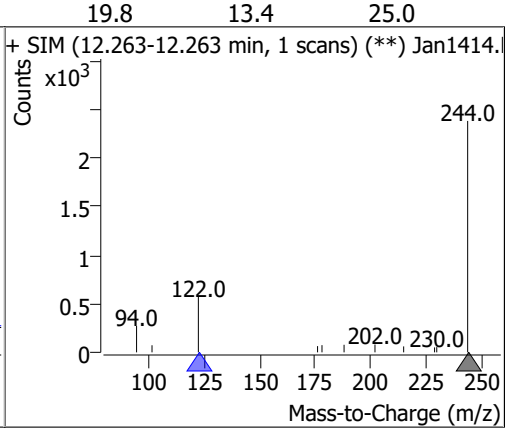




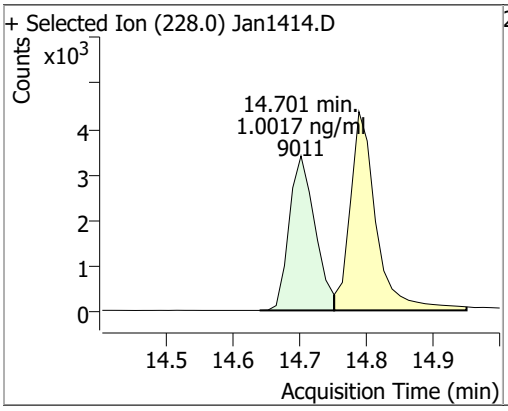
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	0.9772	12.26	0.00	4851	122.0	19.8	13.4	25.0

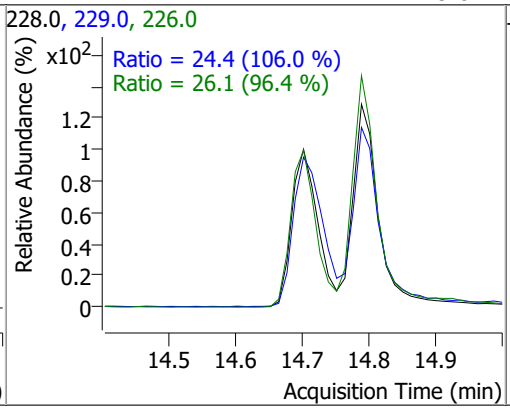


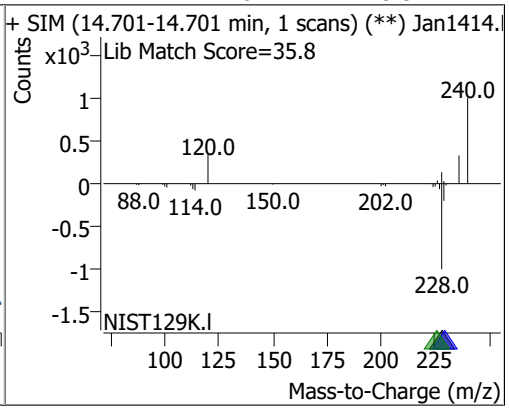




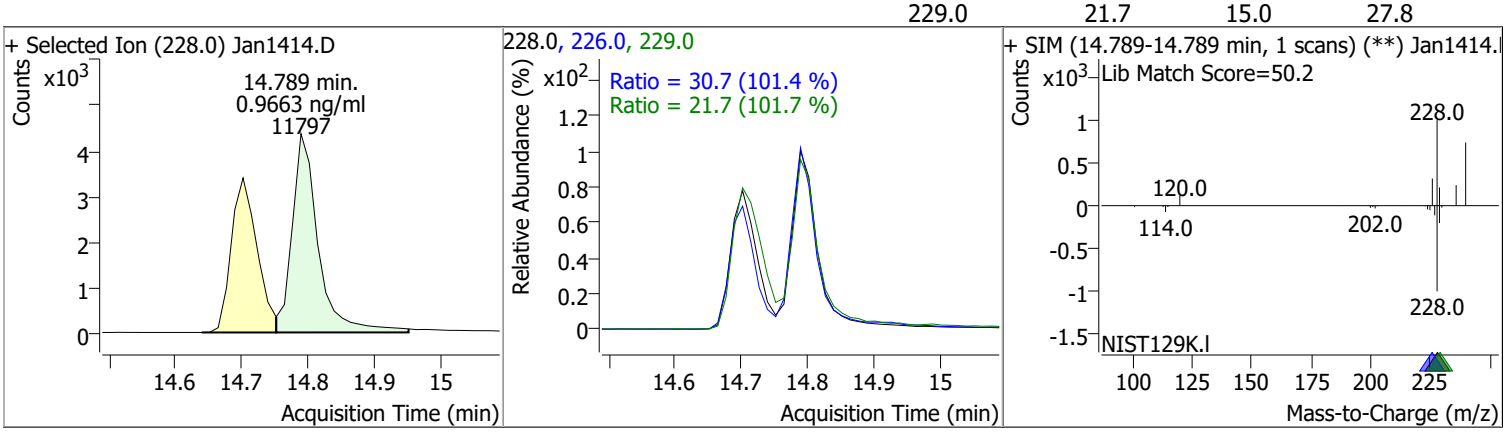
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	1.0017	14.70	0.00	9011	226.0	26.1	18.9	35.1
					229.0	24.4	16.1	29.9



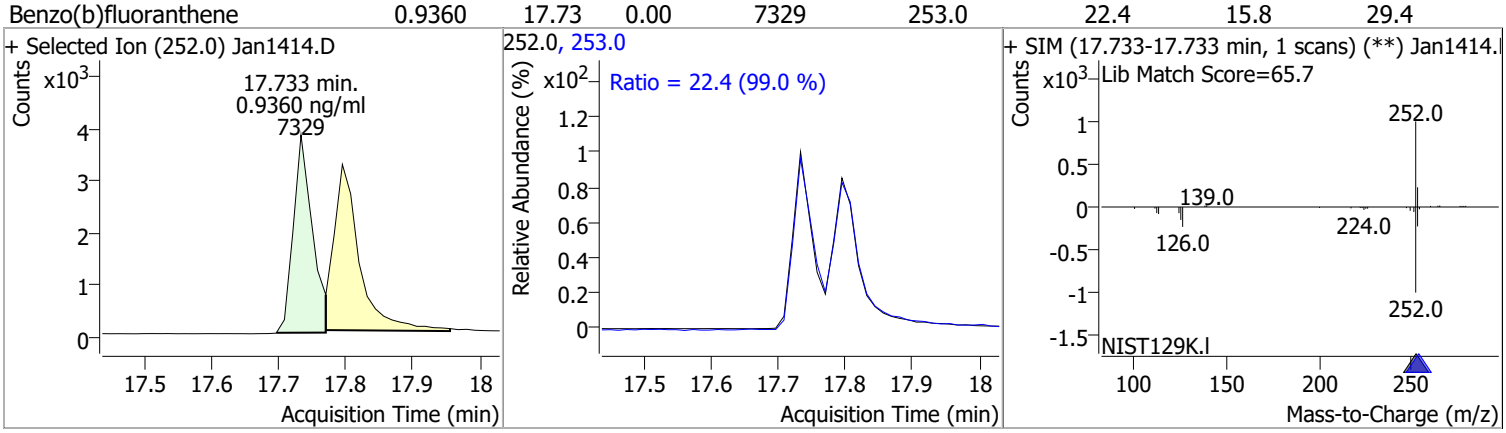




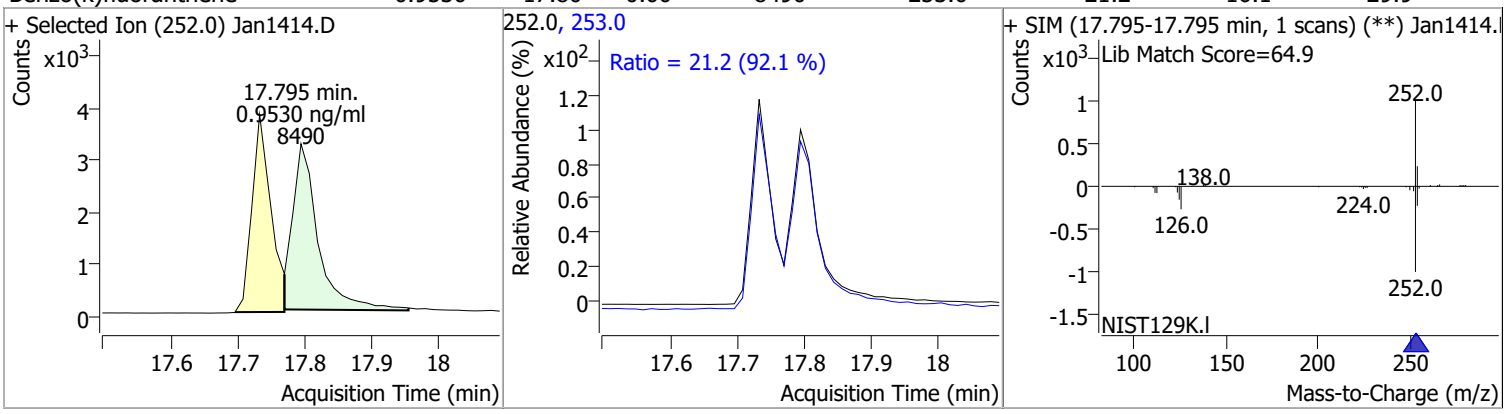
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0.9663	14.79	0.00	11797	226.0	30.7	21.2	39.4
					229.0	21.7	15.0	27.8



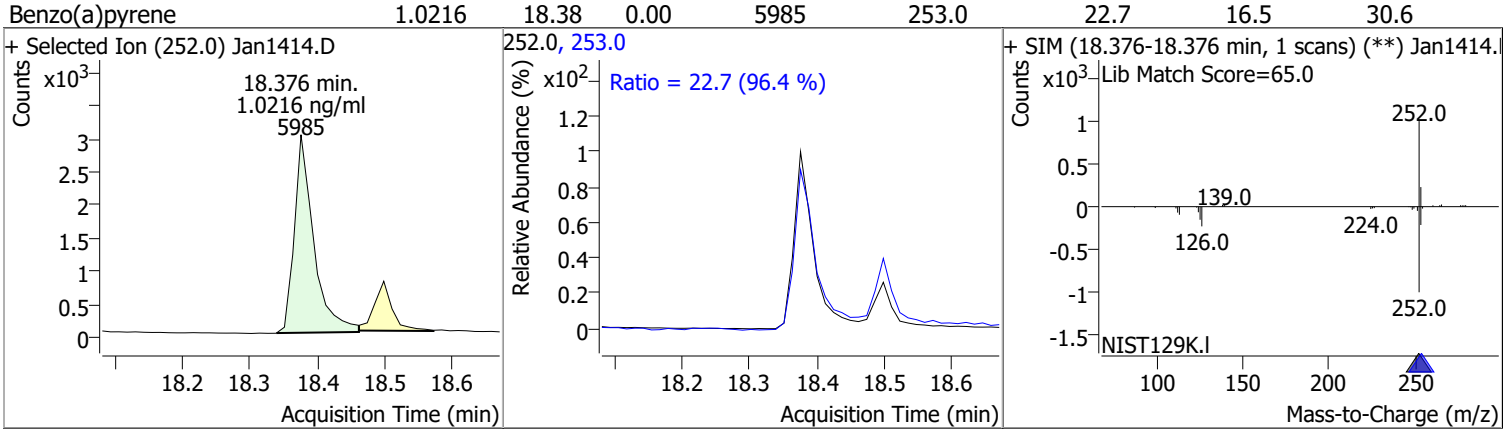
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	0.9360	17.73	0.00	7329	253.0	22.4	15.8	29.4



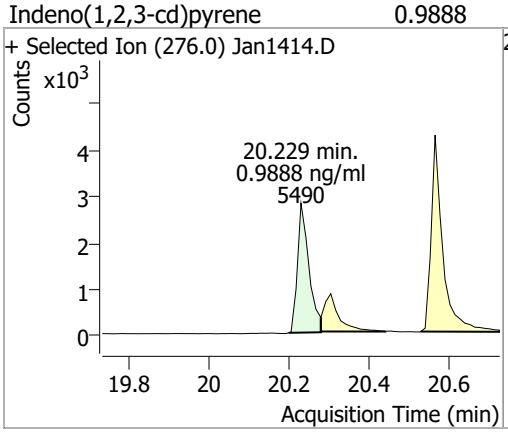
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	0.9530	17.80	0.00	8490	253.0	21.2	16.1	29.9

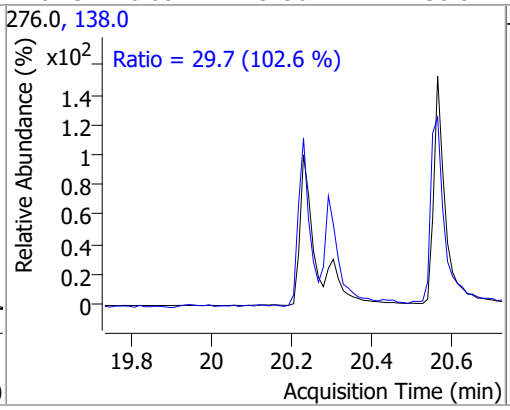


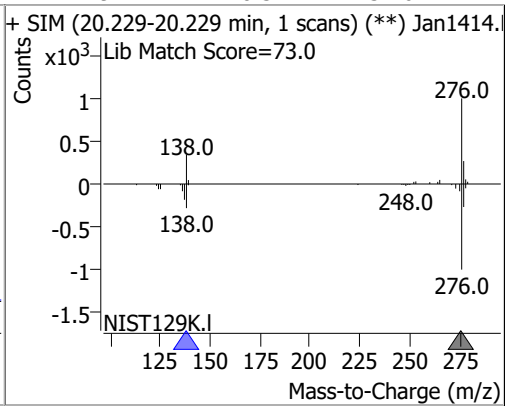
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	1.0216	18.38	0.00	5985	253.0	22.7	16.5	30.6



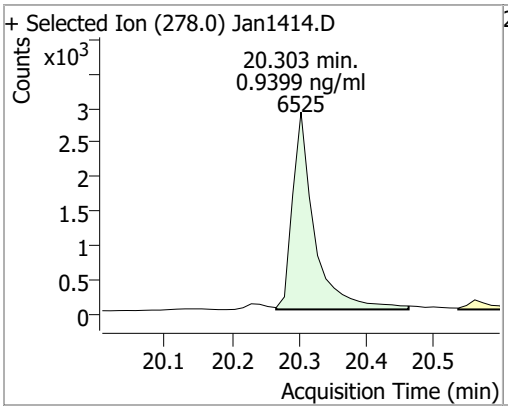
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	0.9888	20.23	0.00	5490	138.0	29.7	20.3	37.6

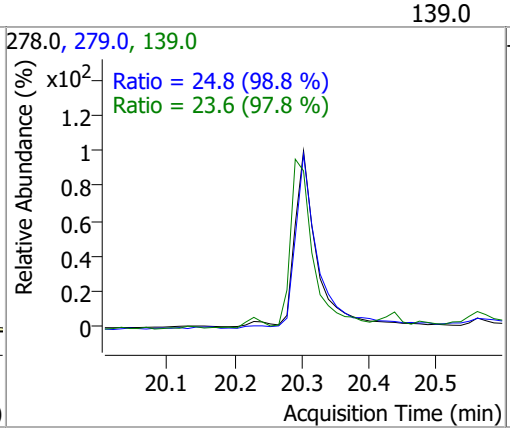


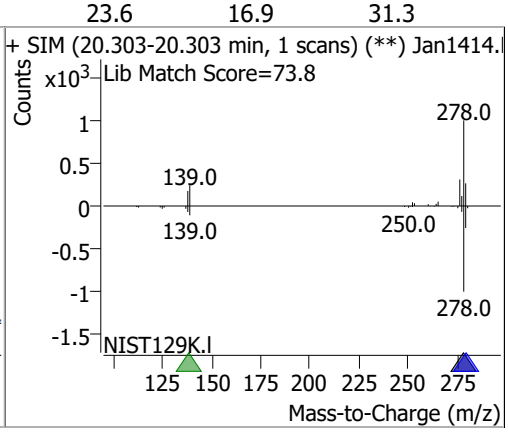




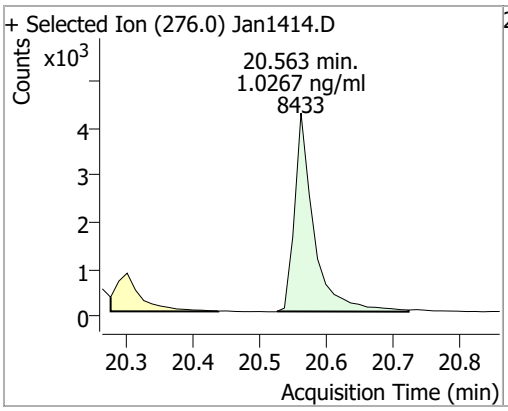
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	0.9399	20.30	0.00	6525	279.0	24.8	17.6	32.7
					139.0	23.6	16.9	31.3

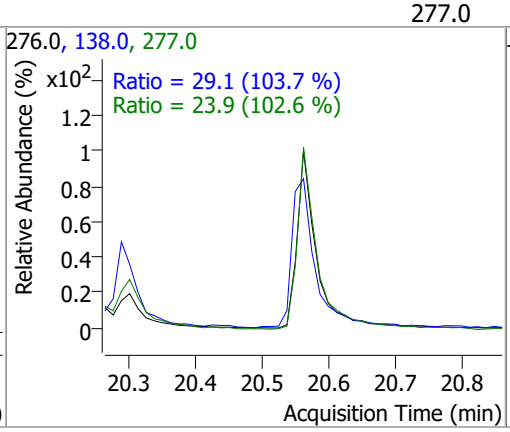


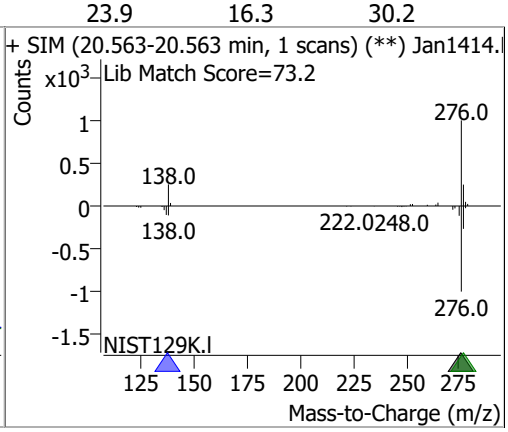




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	1.0267	20.56	0.00	8433	138.0	29.1	19.6	36.5
					277.0	23.9	16.3	30.2

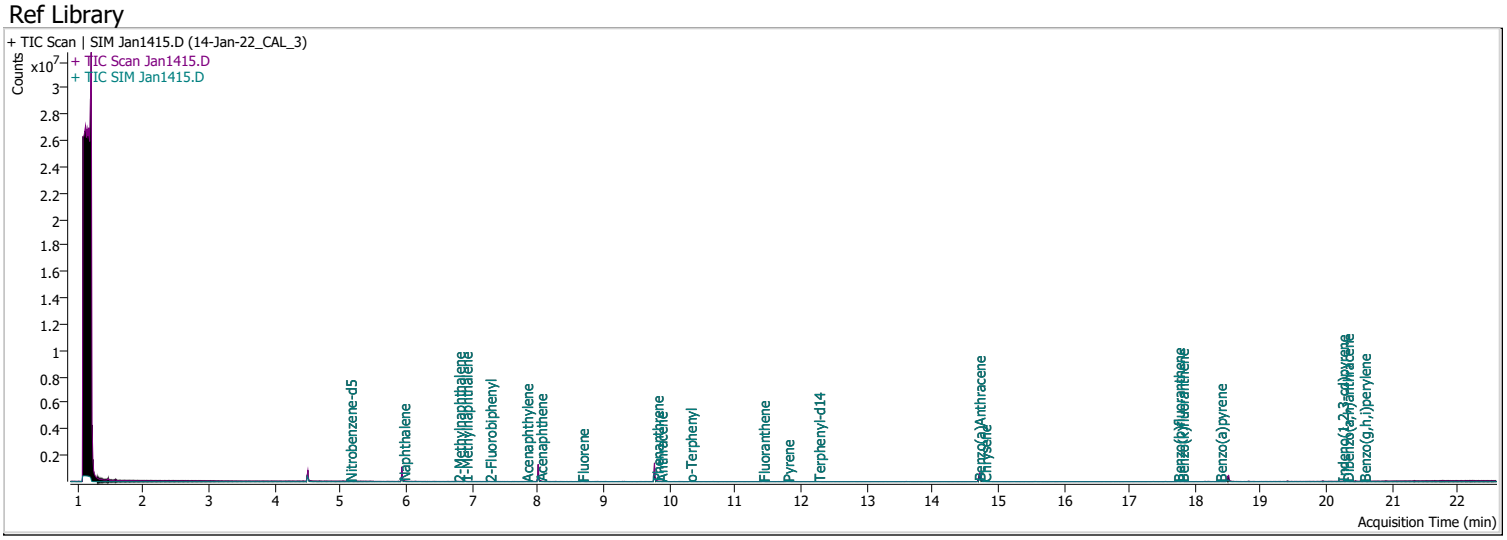






Quantitation Results Report (QT Reviewed)

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			

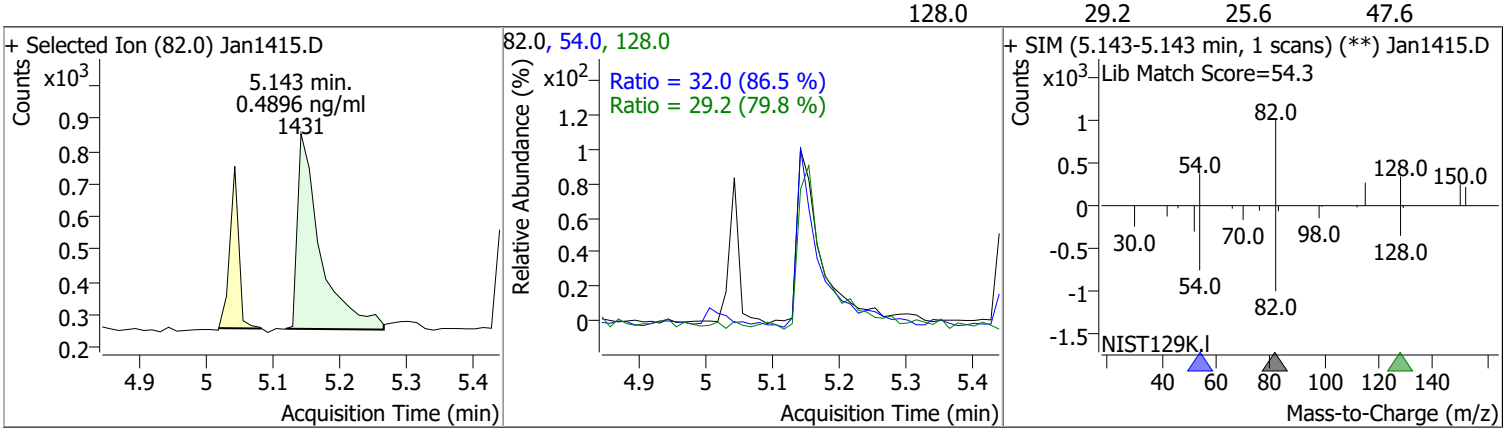


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.509	152.0	167513	40.0000	ng/ml		0.013
M Naphthalene-d8	5.941	136.0	299756	40.0000	ng/ml		0.000
M Acenaphthene-d10	8.001	164.0	164569	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.780	188.0	336790	40.0000	ng/ml		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
System Monitoring Compounds							
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%		*	
Target Compounds							**QValue**
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

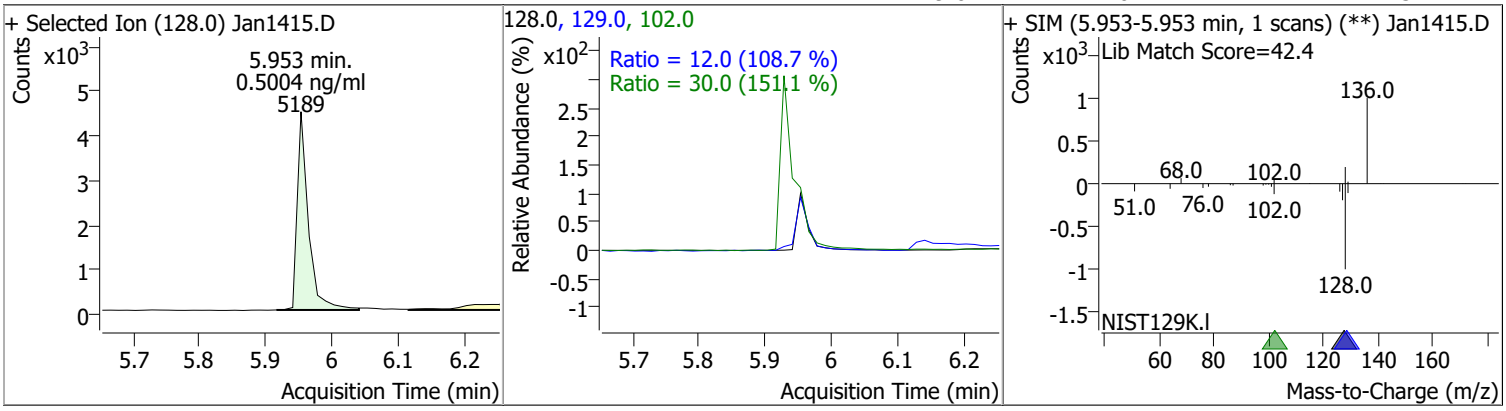
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.795	252.0	4090	0.4883	ng/ml	99
T Benzo(a)pyrene	18.376	252.0	2788	0.5068	ng/ml	93
T Indeno(1,2,3-cd)pyrene	20.229	276.0	2456	0.4764	ng/ml	98
T Dibenzo(a,h)anthracene	20.303	278.0	3015	0.4652	ng/ml	97
T Benzo(g,h,i)perylene	20.563	276.0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

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

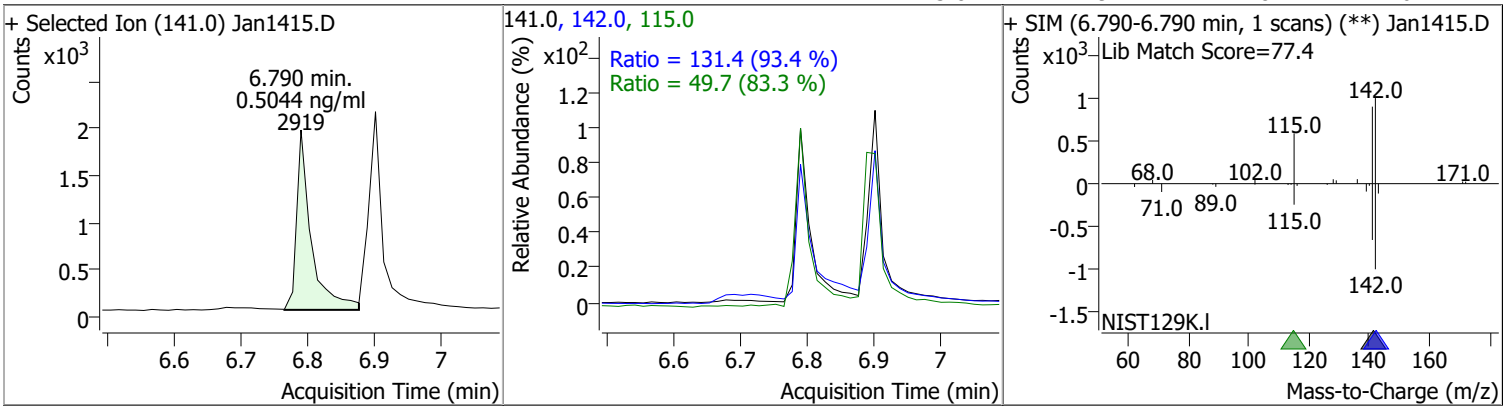
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	0.4896	5.14	0.00	1431	54.0	32.0	25.9	48.1
					128.0	29.2	25.6	47.6



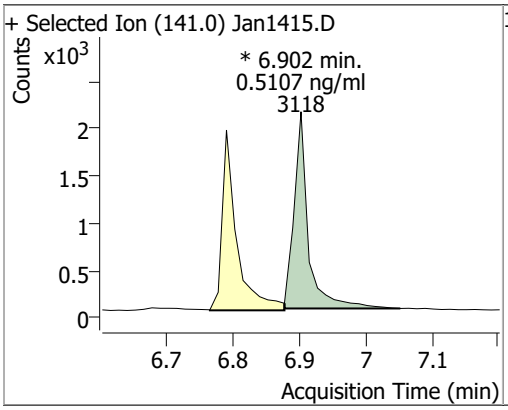
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	0.5004	5.95	0.00	5189	102.0	30.0	0.0	59.6
					129.0	12.0	7.7	14.3

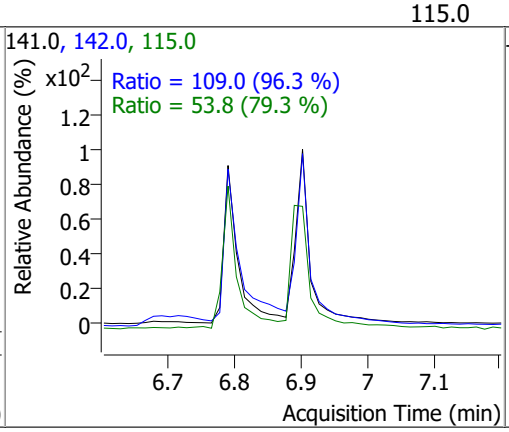


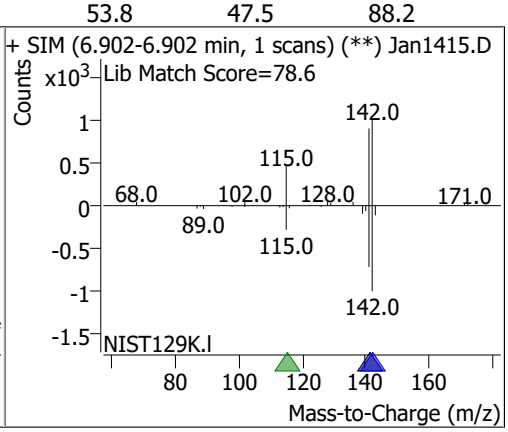
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	0.5044	6.79	0.00	2919	142.0	131.4	98.5	183.0
					115.0	49.7	41.8	77.6



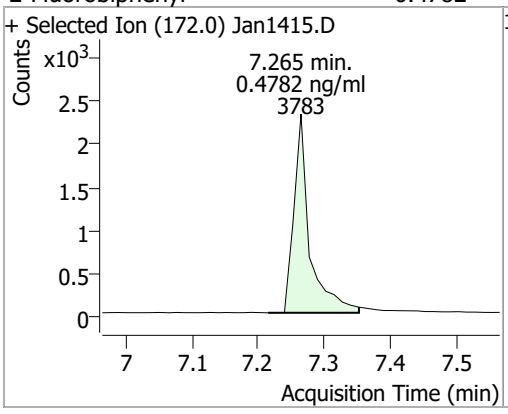
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	0.5107	6.90	0.00	3118 (m)	142.0	109.0	79.2	147.1
					115.0	53.8	47.5	88.2

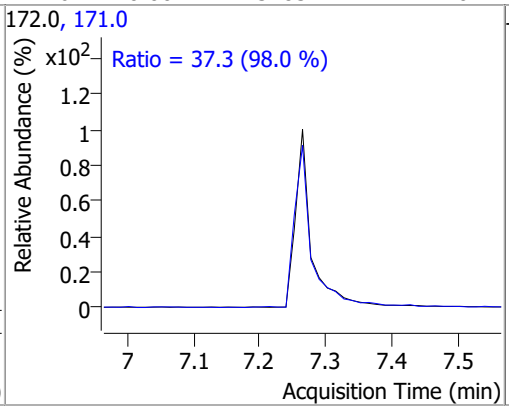


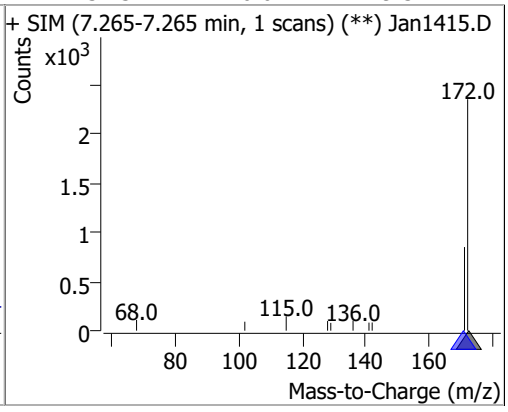




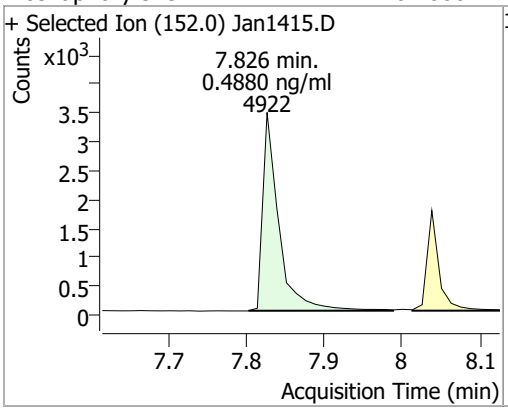
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	0.4782	7.26	0.00	3783	171.0	37.3	26.6	49.5

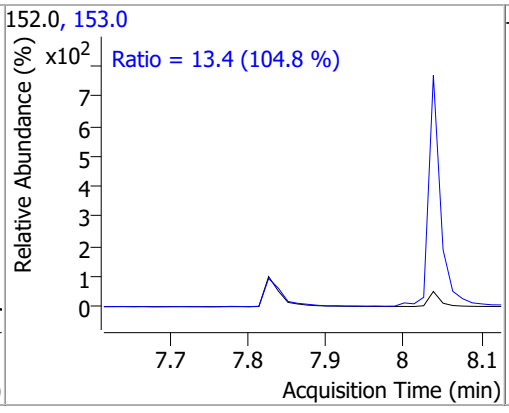


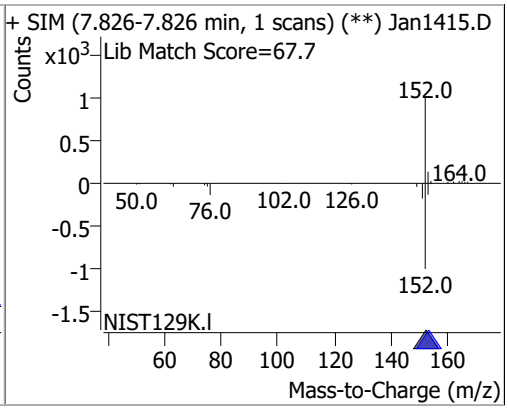




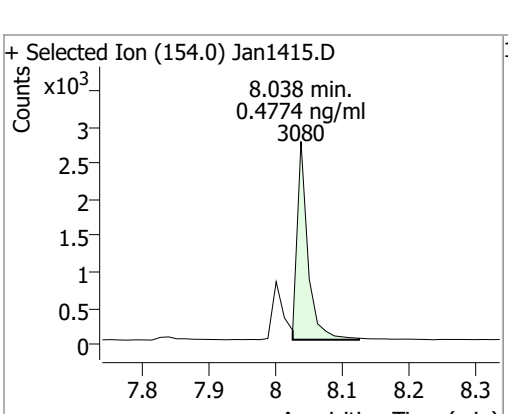
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	0.4880	7.83	0.00	4922	153.0	13.4	9.0	16.6

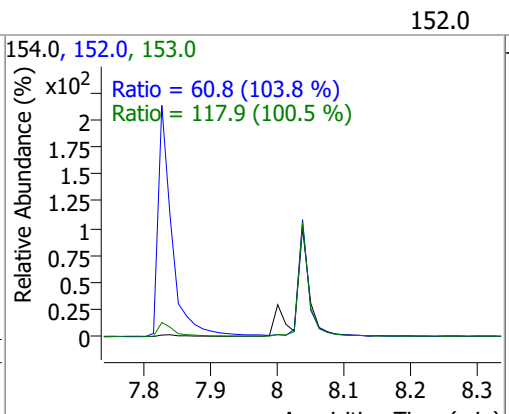


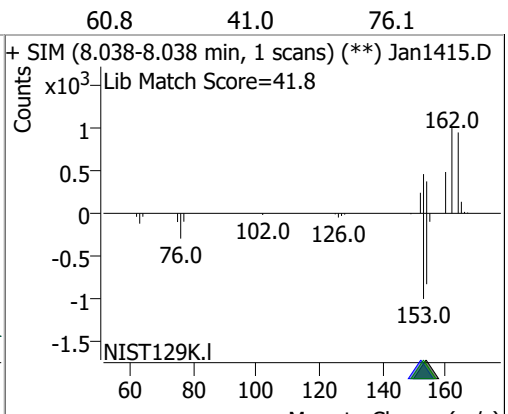




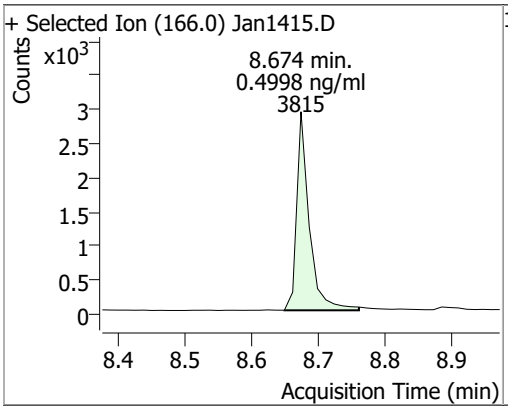
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	0.4774	8.04	0.00	3080	153.0	117.9	82.1	152.6
					152.0	60.8	41.0	76.1

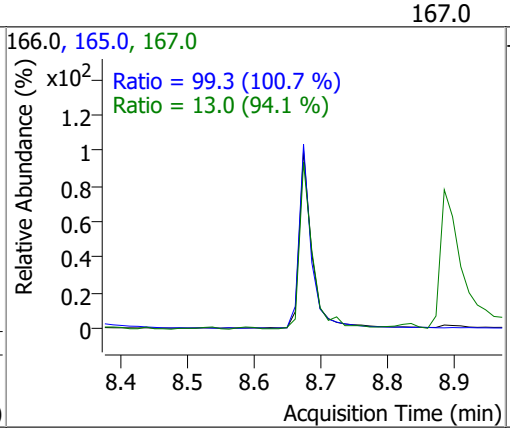


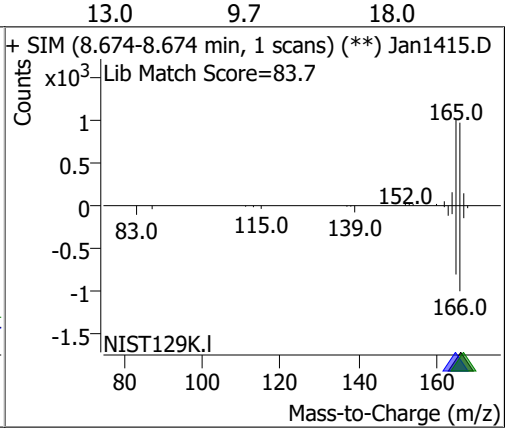




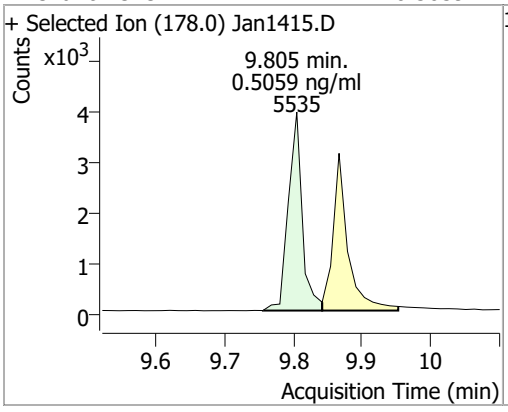
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	0.4998	8.67	0.00	3815	165.0	99.3	69.1	128.3
					167.0	13.0	9.7	18.0

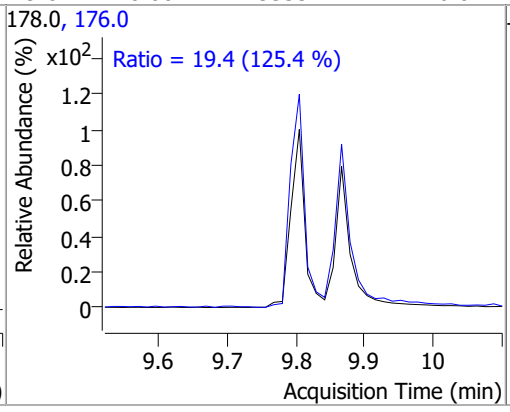


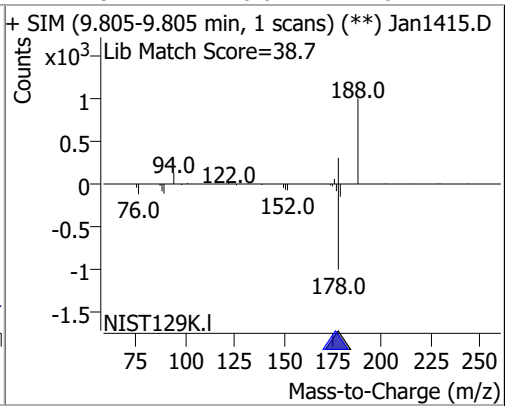




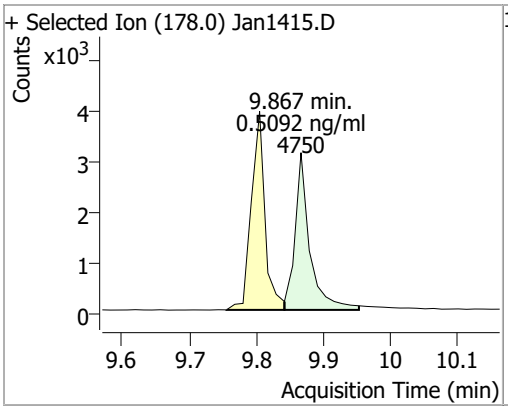
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	0.5059	9.81	0.00	5535	176.0	19.4	10.8	20.1

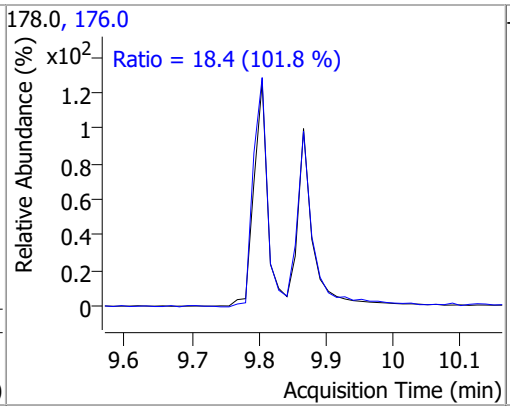


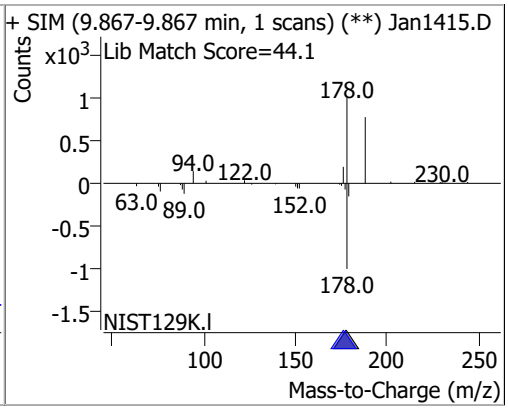




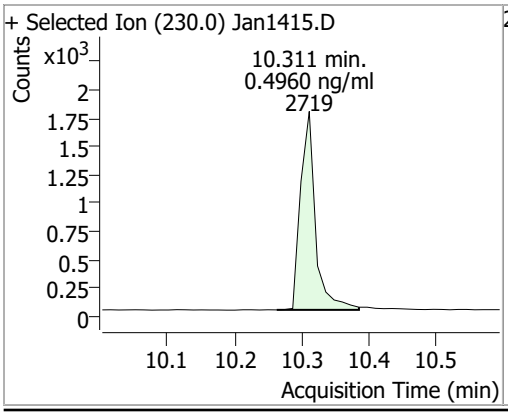
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	0.5092	9.87	0.00	4750	176.0	18.4	12.7	23.5

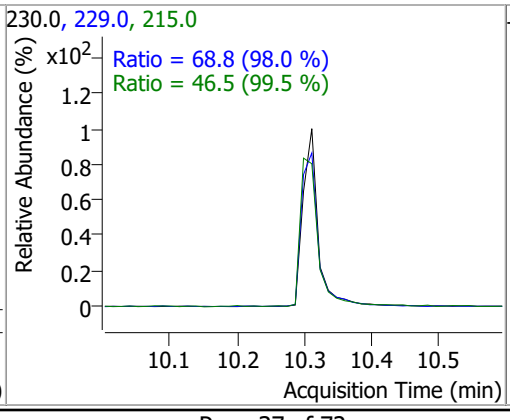


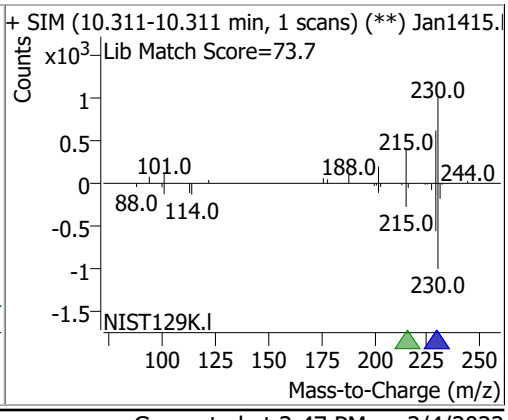




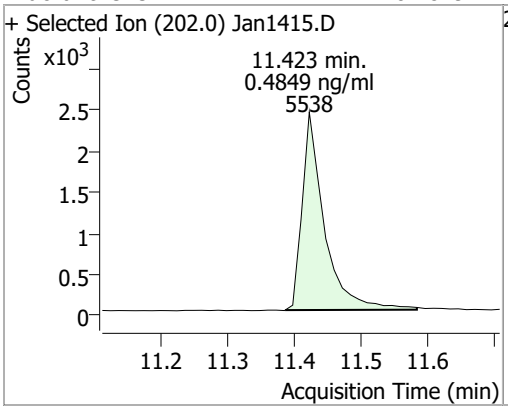
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.4960	10.31	0.01	2719	229.0	68.8	49.2	91.3
					215.0	46.5	32.7	60.7

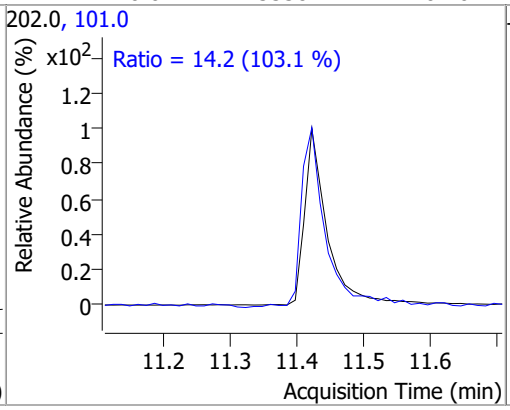


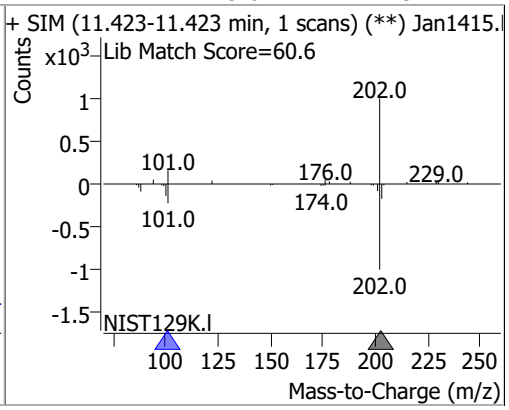




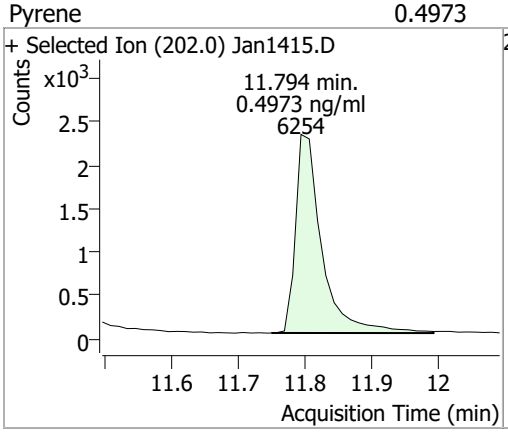
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	0.4849	11.42	0.01	5538	101.0	14.2	9.6	17.9

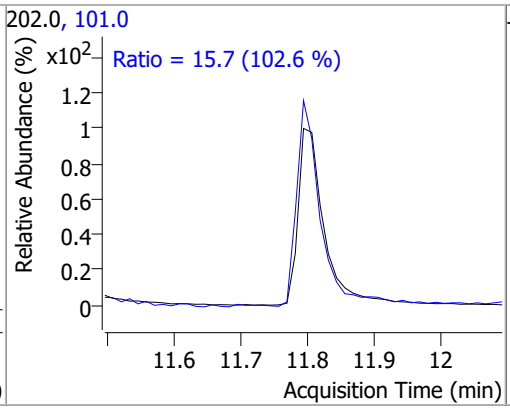


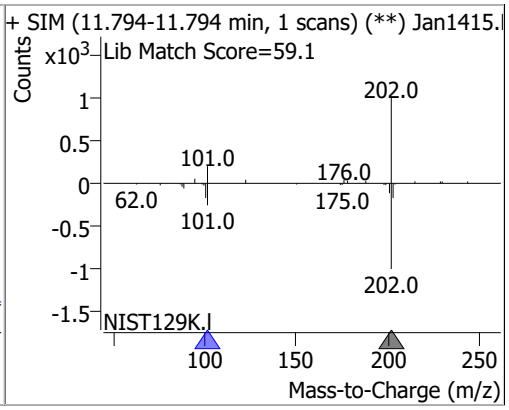




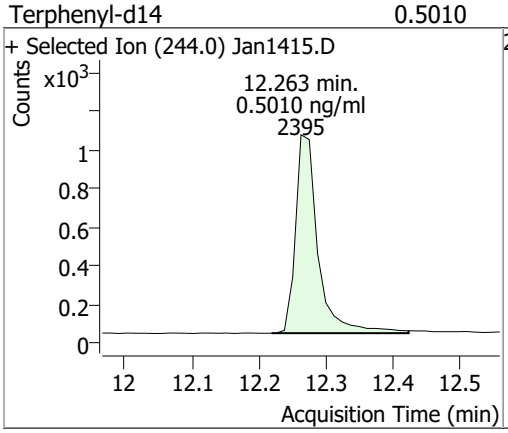
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	0.4973	11.79	0.00	6254	101.0	15.7	10.7	20.0

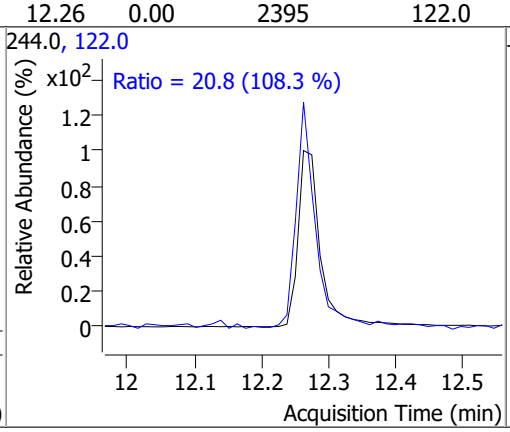


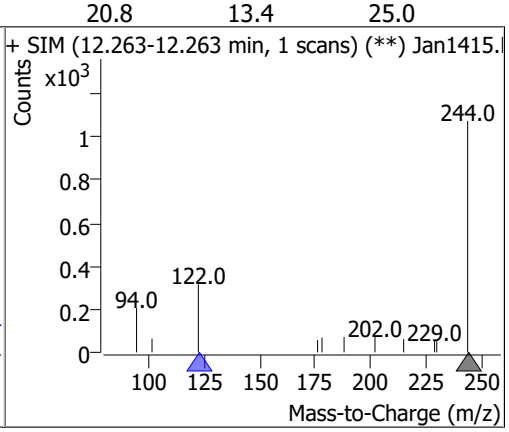




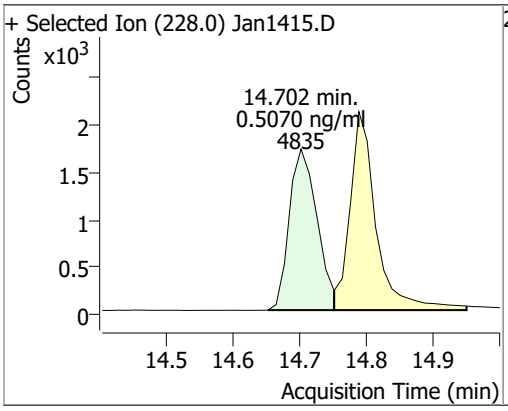
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	0.5010	12.26	0.00	2395	122.0	20.8	13.4	25.0

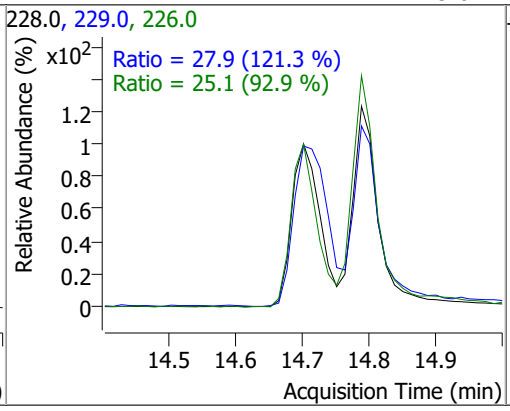


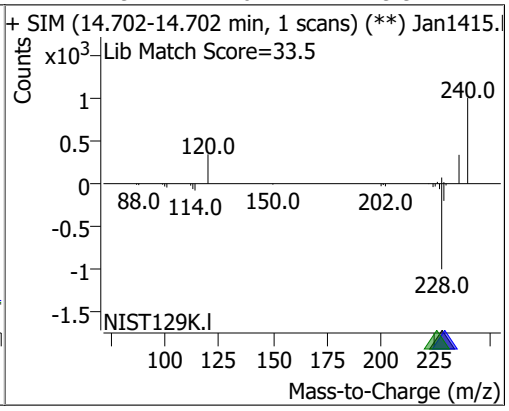




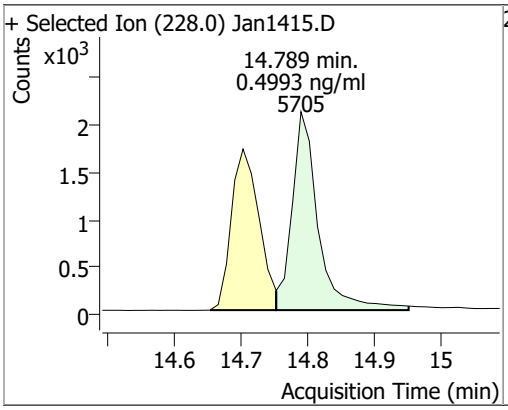
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	0.5070	14.70	0.00	4835	226.0	25.1	18.9	35.1
					229.0	27.9	16.1	29.9

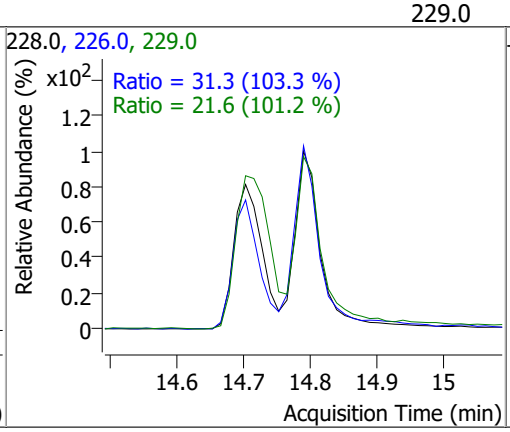


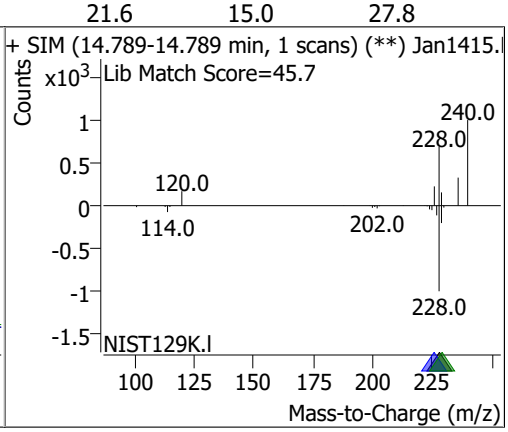




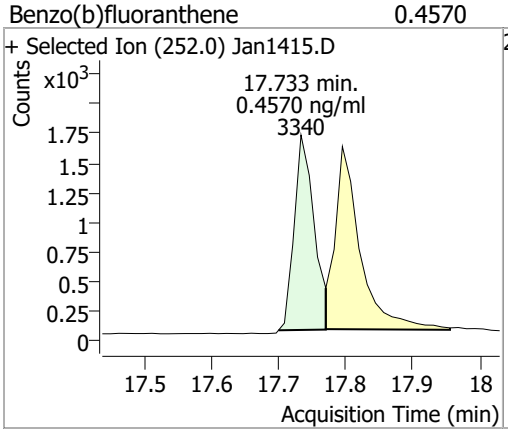
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0.4993	14.79	0.00	5705	226.0	31.3	21.2	39.4
					229.0	21.6	15.0	27.8

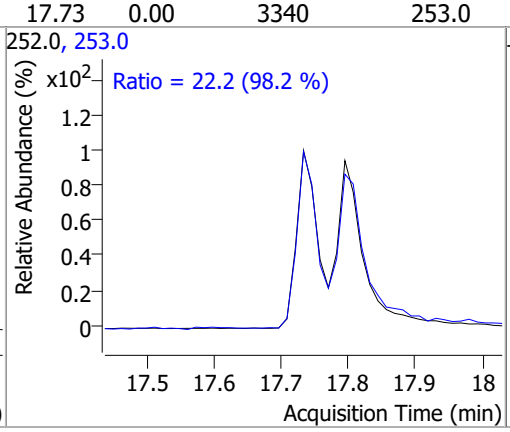


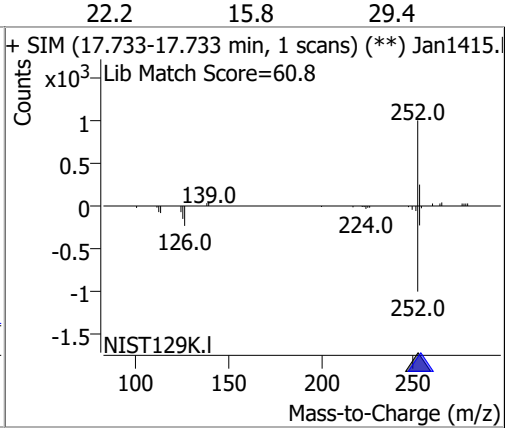




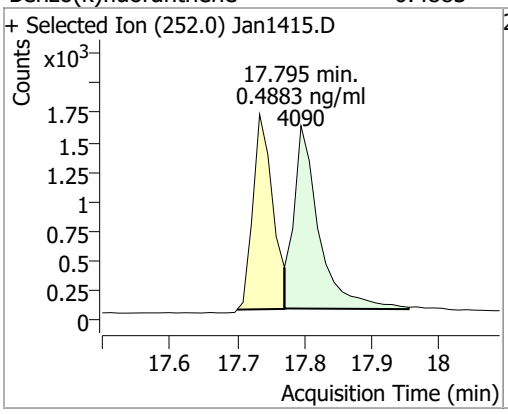
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	0.4570	17.73	0.00	3340	253.0	22.2	15.8	29.4

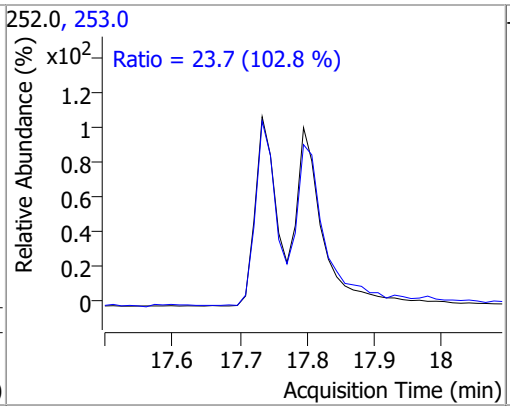


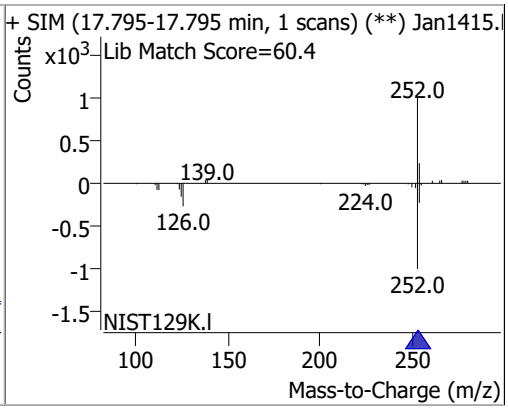




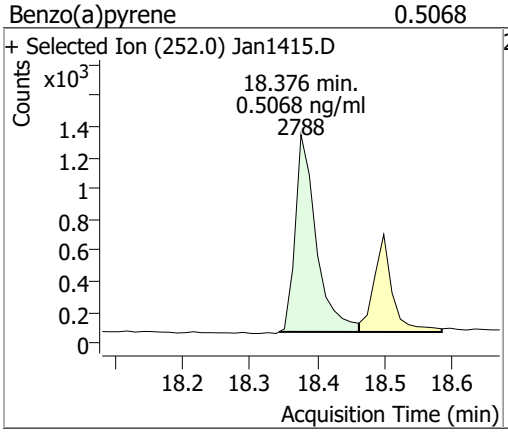
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	0.4883	17.80	0.00	4090	253.0	23.7	16.1	29.9

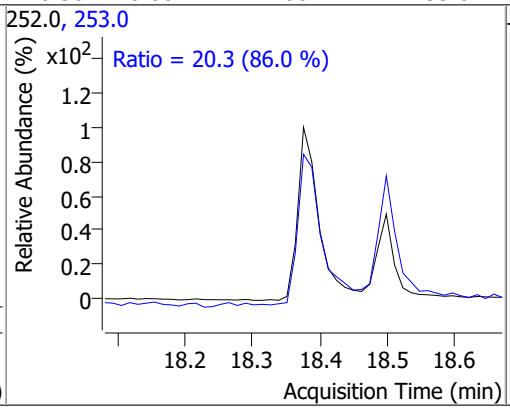


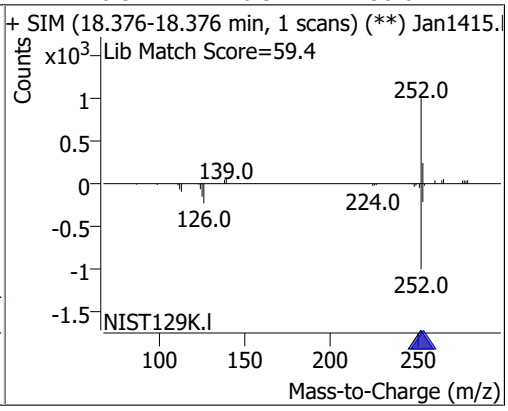




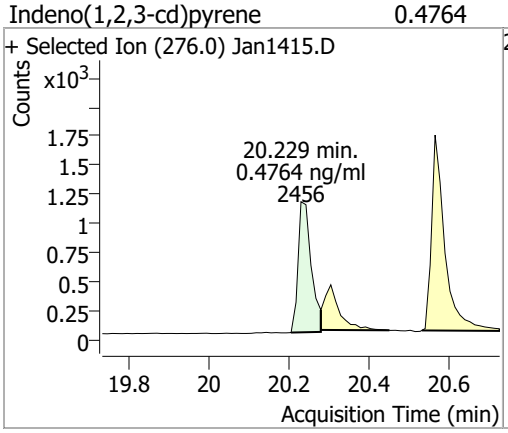
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	0.5068	18.38	0.00	2788	253.0	20.3	16.5	30.6

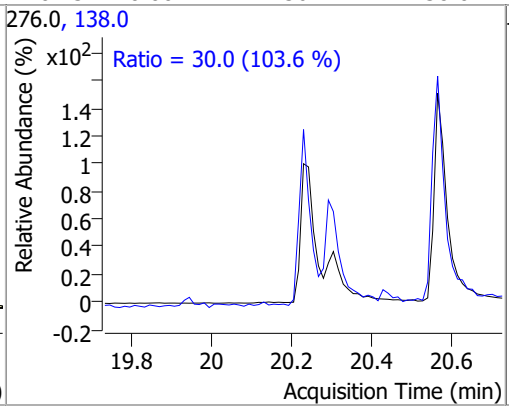


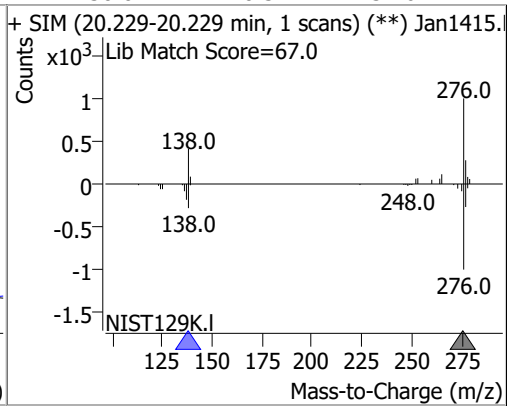




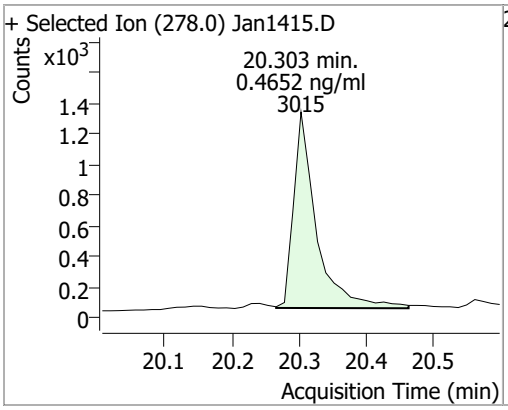
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	0.4764	20.23	0.00	2456	138.0	30.0	20.3	37.6

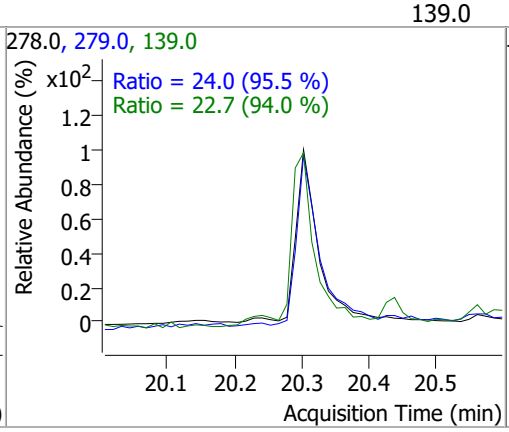


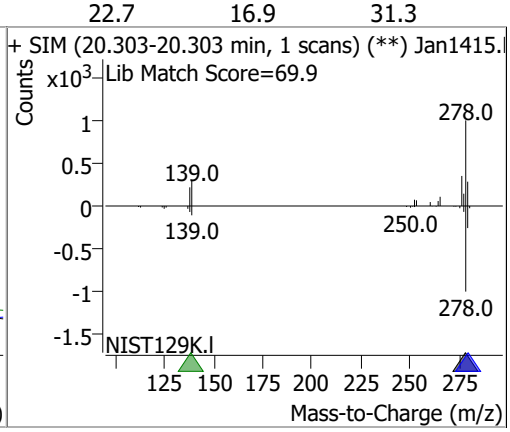




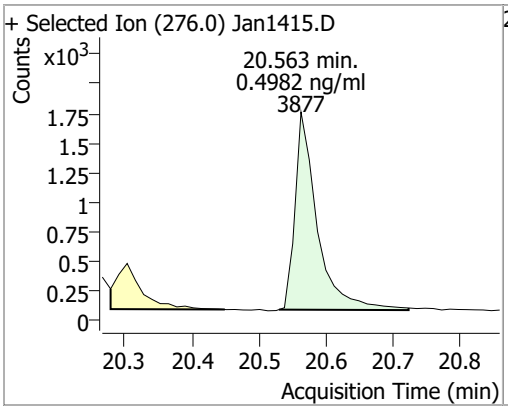
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	0.4652	20.30	0.00	3015	279.0	24.0	17.6	32.7
					139.0	22.7	16.9	31.3

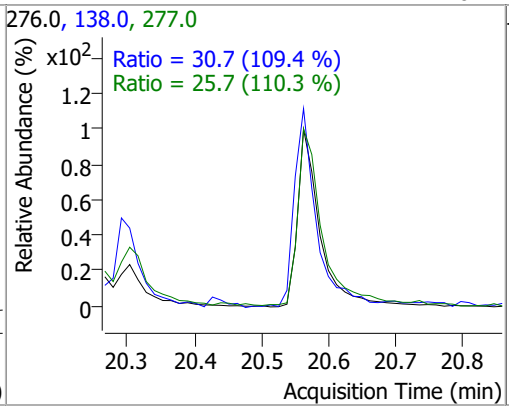


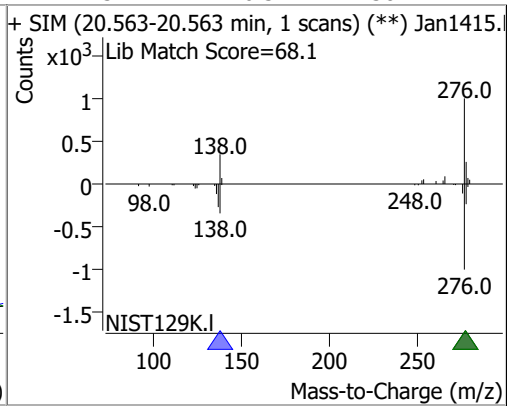




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	0.4982	20.56	0.00	3877	138.0	30.7	19.6	36.5
					277.0	25.7	16.3	30.2

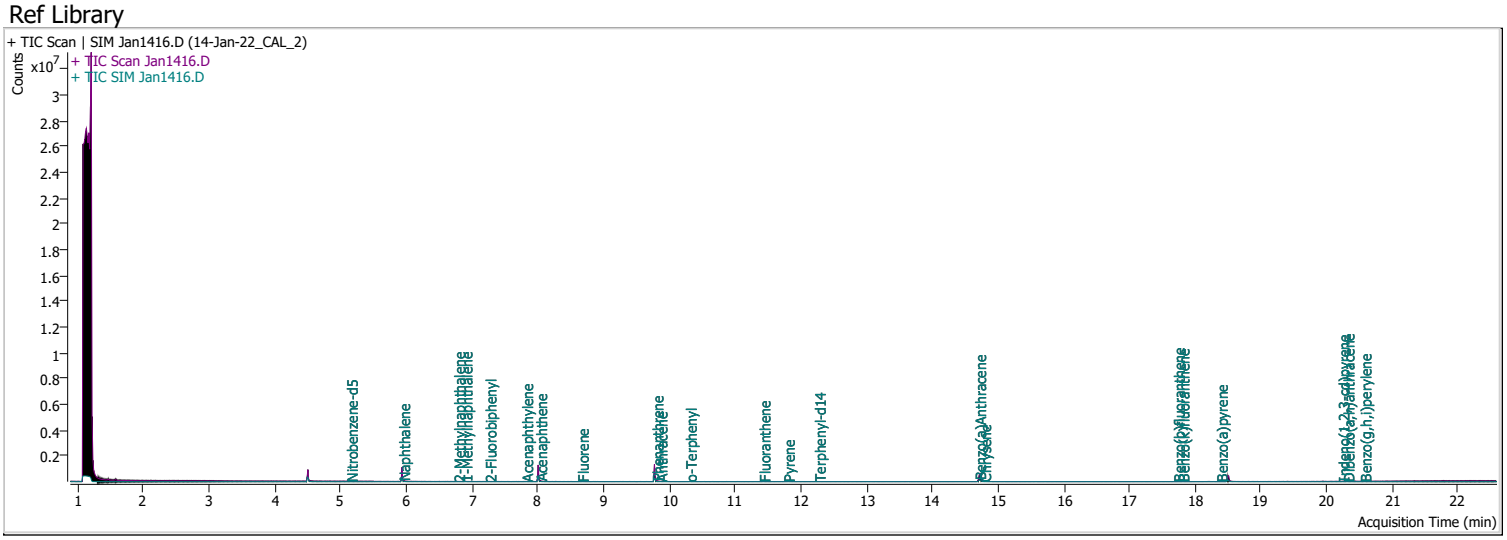






Quantitation Results Report (QT Reviewed)

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			

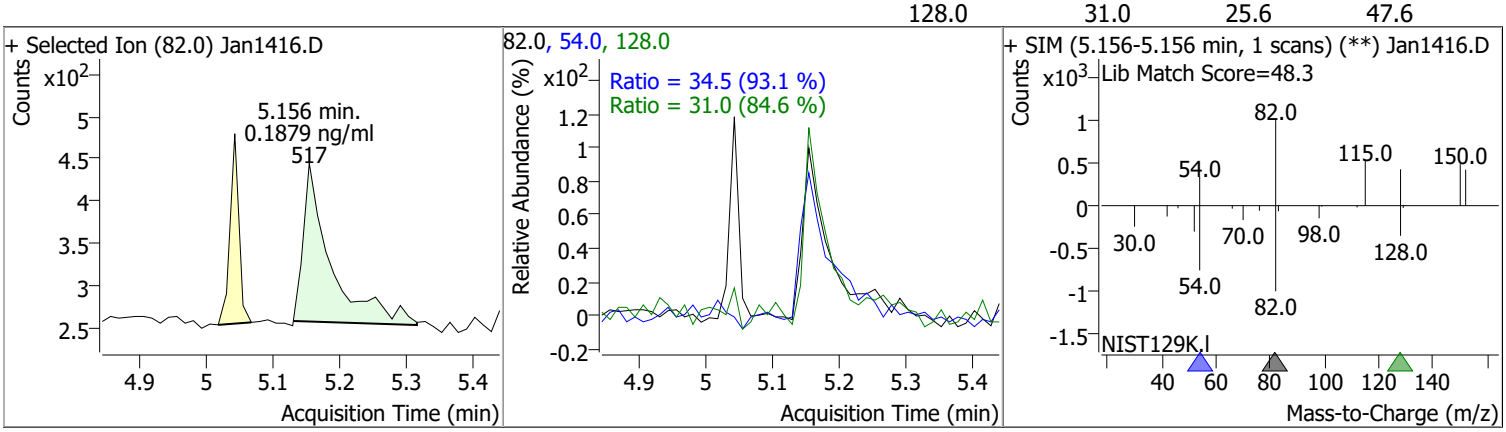


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.509	152.0	164224	40.0000	ng/ml		0.013
M Naphthalene-d8	5.941	136.0	300080	40.0000	ng/ml		0.000
M Acenaphthene-d10	8.001	164.0	166596	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.780	188.0	338512	40.0000	ng/ml		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
System Monitoring Compounds							
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%		*	
Target Compounds							**QValue**
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

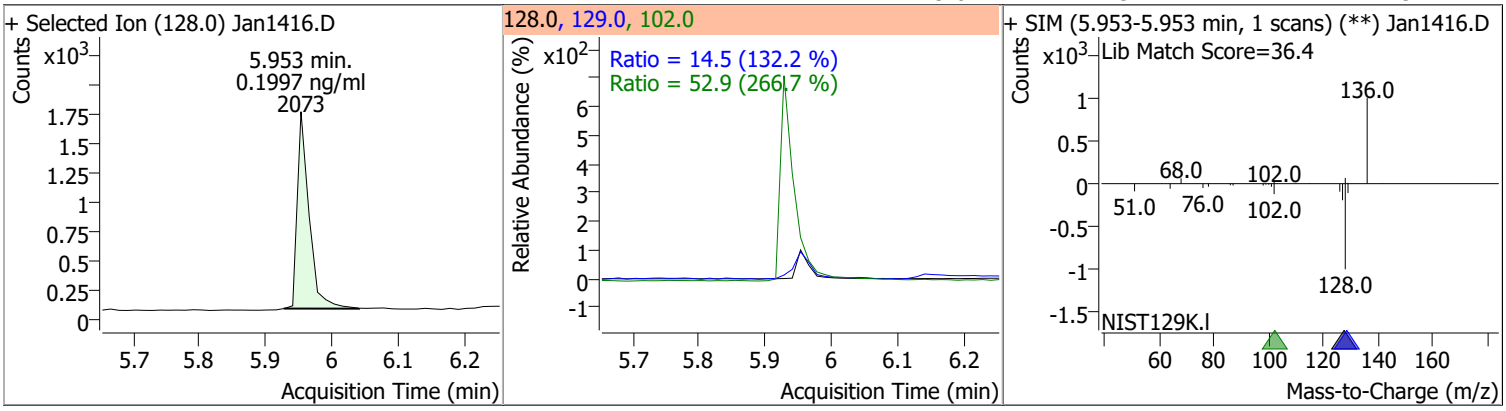
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.807	252.0	1925	0.2319	ng/ml	96
T Benzo(a)pyrene	18.388	252.0	1118	0.1997	ng/ml	95
T Indeno(1,2,3-cd)pyrene	20.242	276.0	997	0.1963	ng/ml	96
T Dibenzo(a,h)anthracene	20.316	278.0	1302	0.2075	ng/ml	94
T Benzo(g,h,i)perylene	20.575	276.0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

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

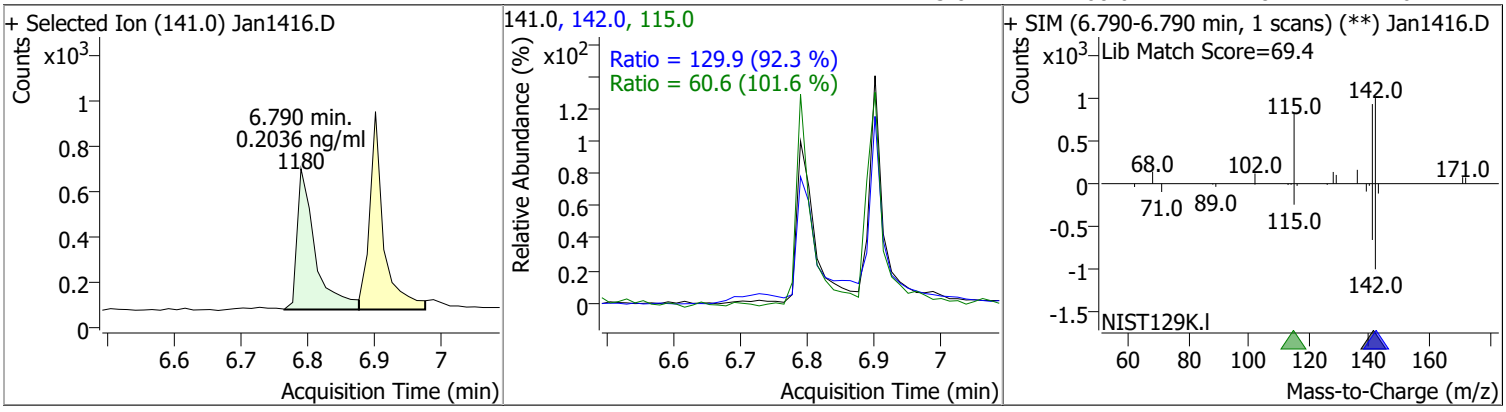
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	0.1879	5.16	0.01	517	54.0	34.5	25.9	48.1
					128.0	31.0	25.6	47.6



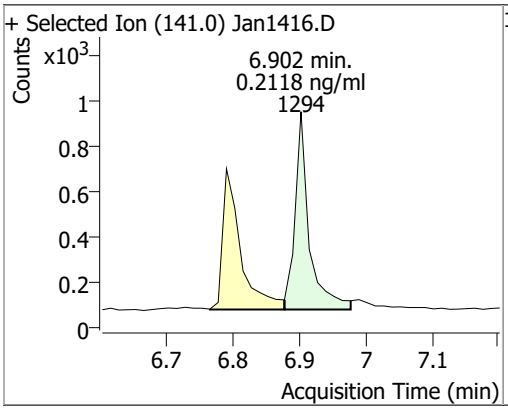
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	0.1997	5.95	0.00	2073	102.0	52.9	0.0	59.6
					129.0	14.5	7.7	14.3

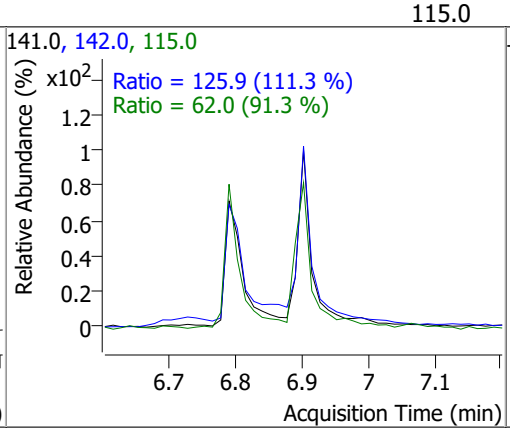


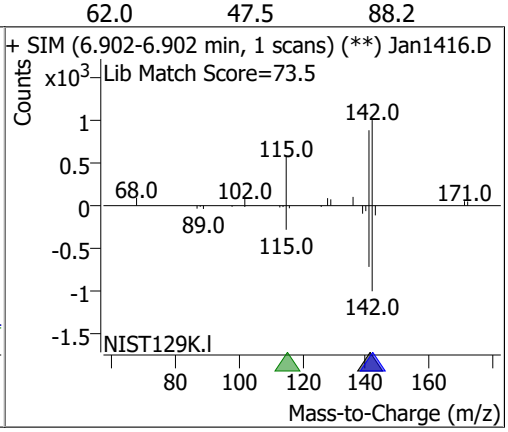
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	0.2036	6.79	0.00	1180	142.0	129.9	98.5	183.0
					115.0	60.6	41.8	77.6



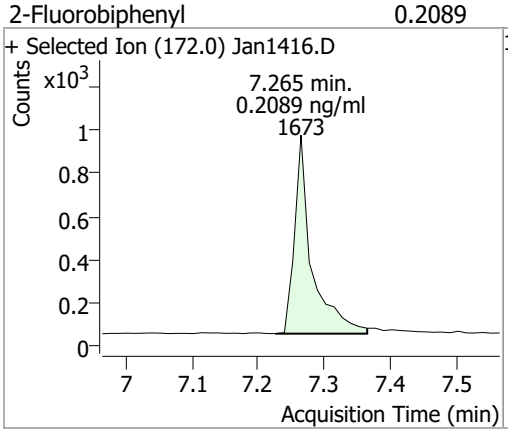
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	0.2118	6.90	0.00	1294	142.0	125.9	79.2	147.1
					115.0	62.0	47.5	88.2

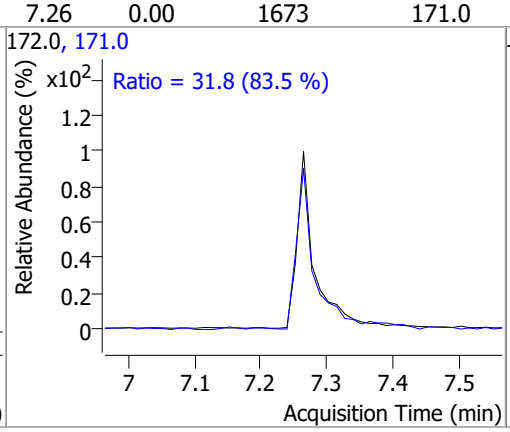


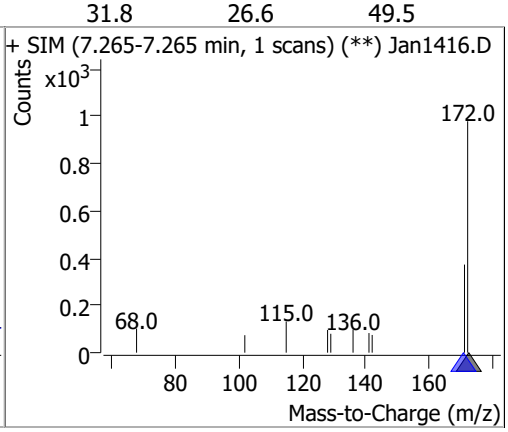




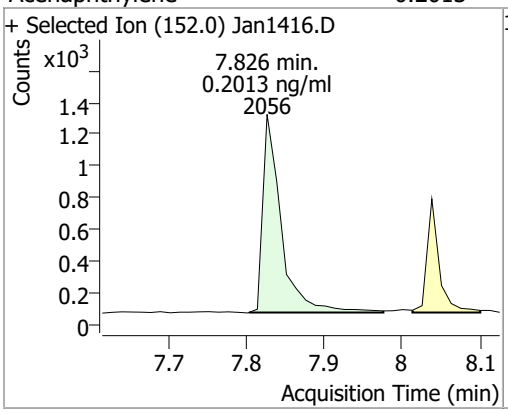
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	0.2089	7.26	0.00	1673	171.0	31.8	26.6	49.5

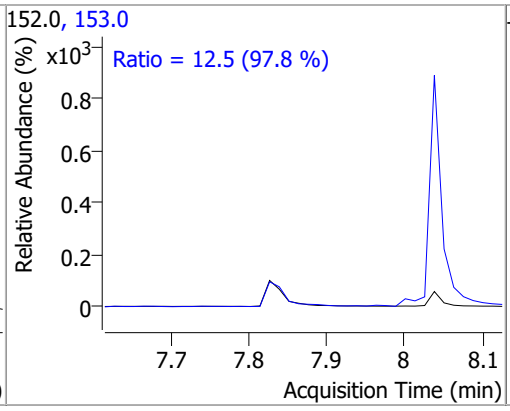


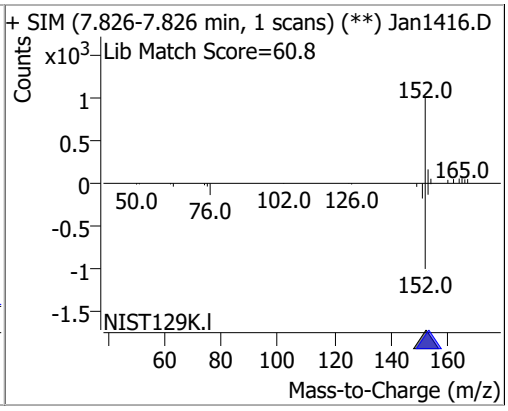




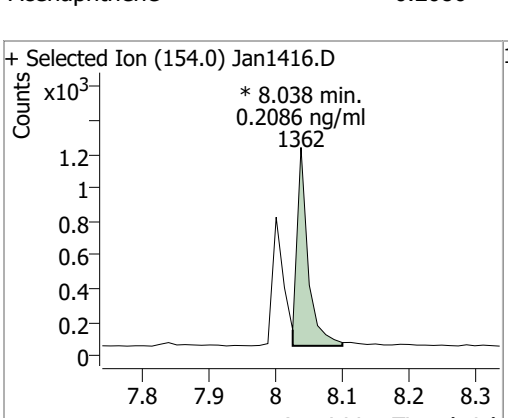
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	0.2013	7.83	0.00	2056	153.0	12.5	9.0	16.6

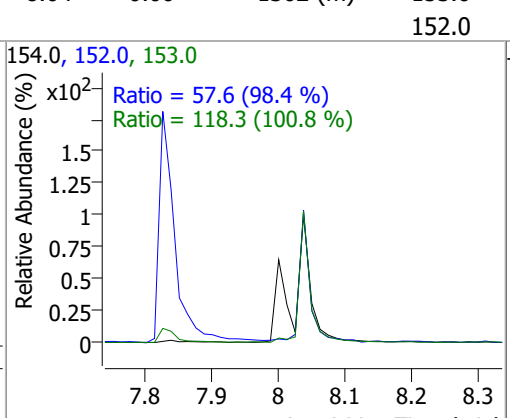


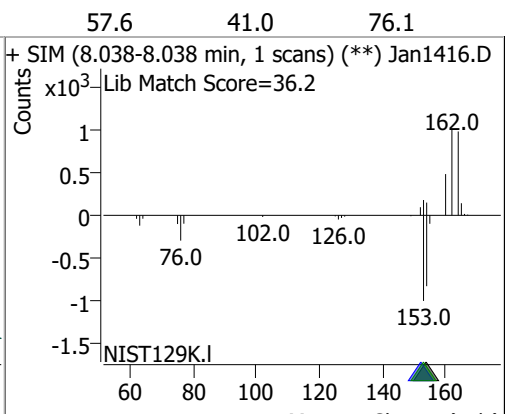




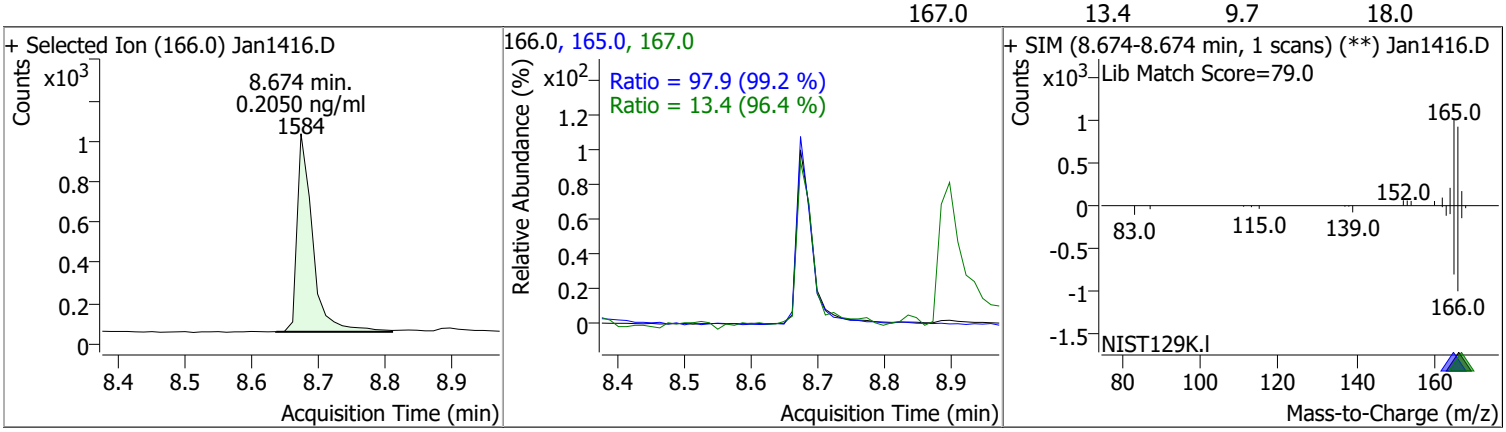
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	0.2086	8.04	0.00	1362 (m)	153.0	118.3	82.1	152.6
					152.0	57.6	41.0	76.1



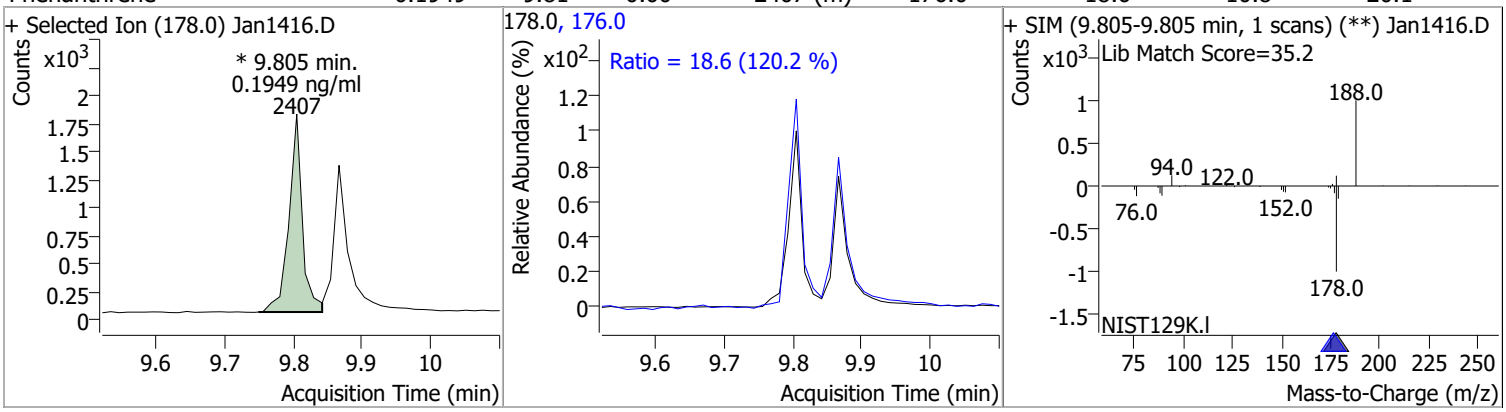




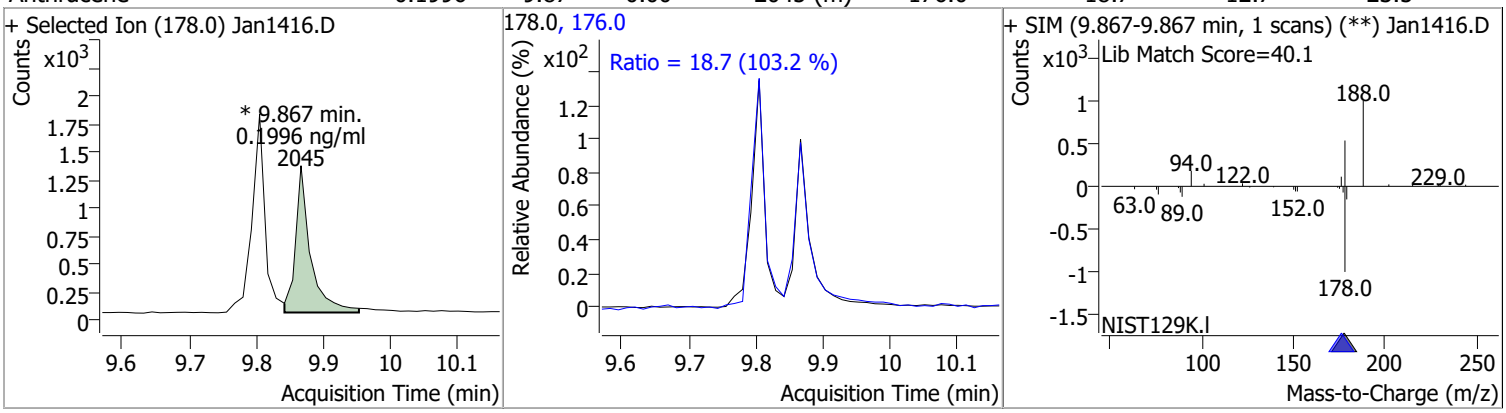
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	0.2050	8.67	0.00	1584	165.0	97.9	69.1	128.3
					167.0	13.4	9.7	18.0



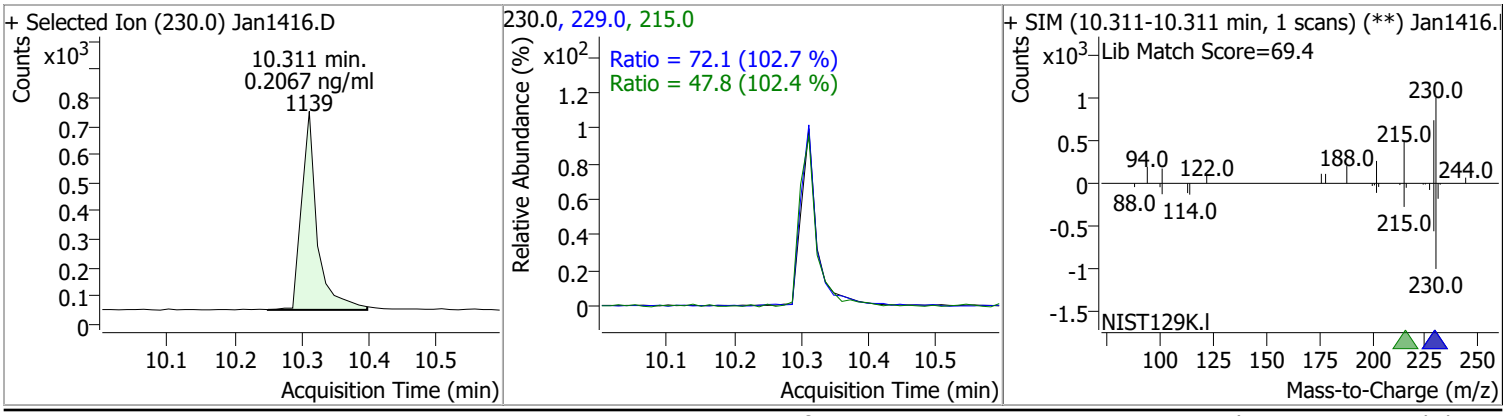
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	0.1949	9.81	0.00	2407 (m)	176.0	18.6	10.8	20.1



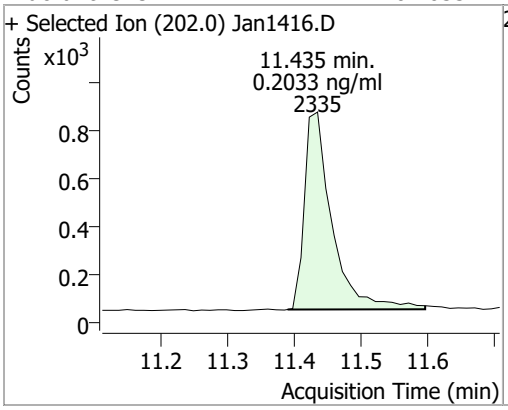
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	0.1996	9.87	0.00	2045 (m)	176.0	18.7	12.7	23.5

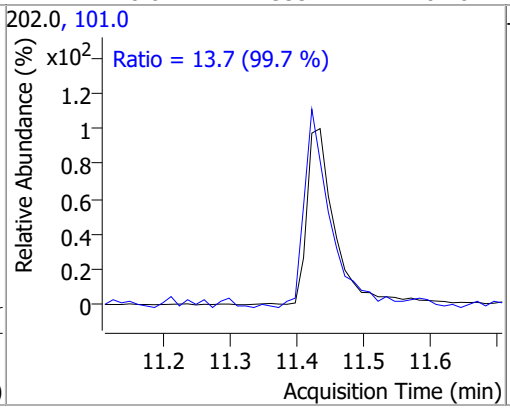


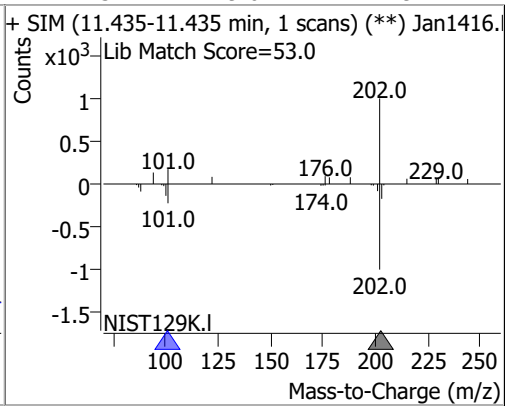
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.2067	10.31	0.01	1139	229.0	72.1	49.2	91.3
					215.0	47.8	32.7	60.7



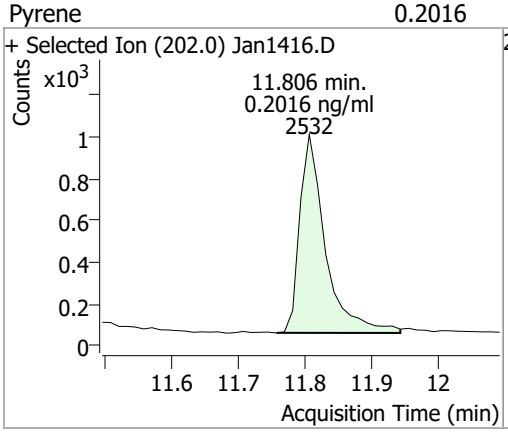
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	0.2033	11.44	0.02	2335	101.0	13.7	9.6	17.9

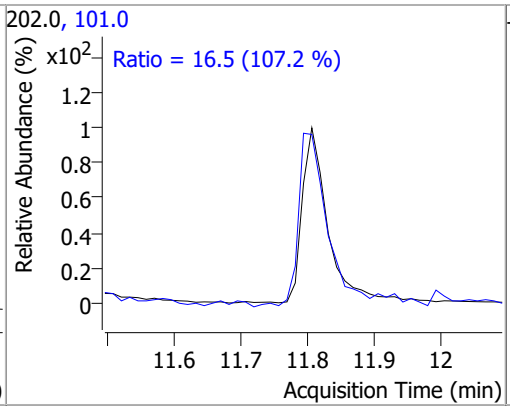


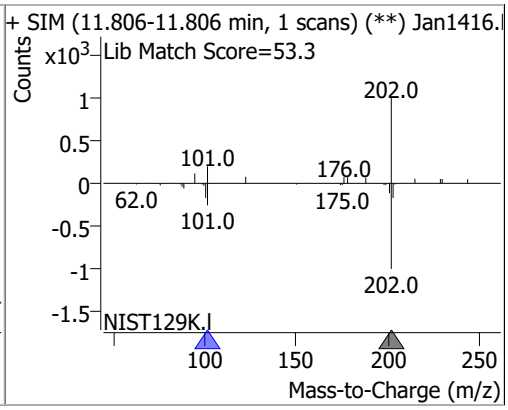




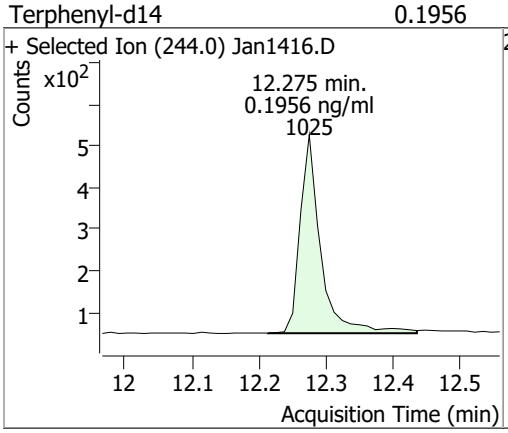
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	0.2016	11.81	0.01	2532	101.0	16.5	10.7	20.0

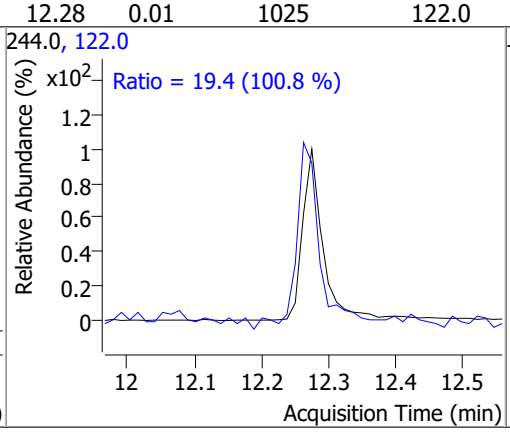


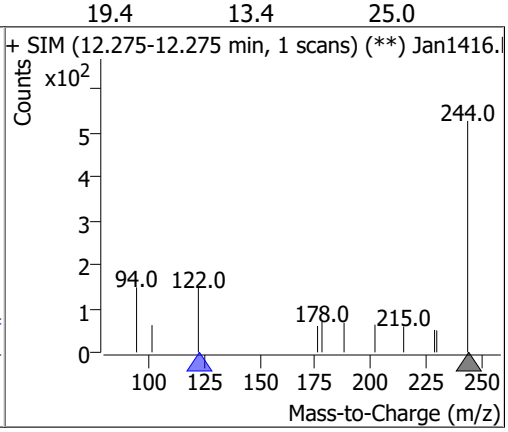




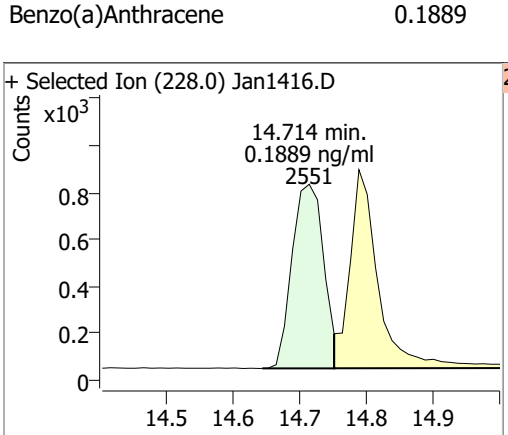
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	0.1956	12.28	0.01	1025	122.0	19.4	13.4	25.0

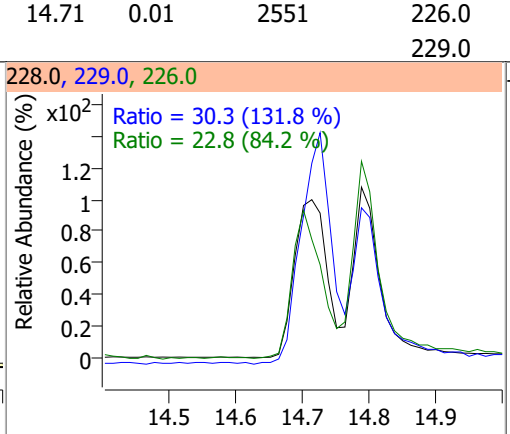


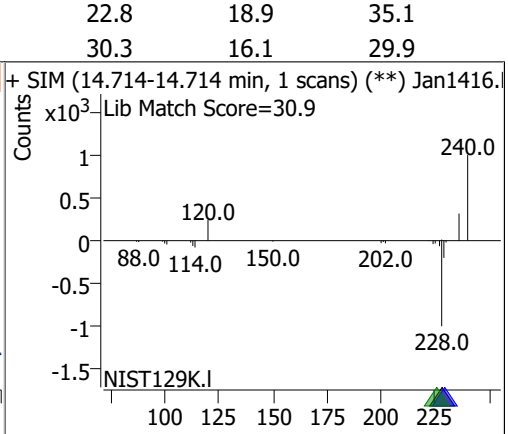




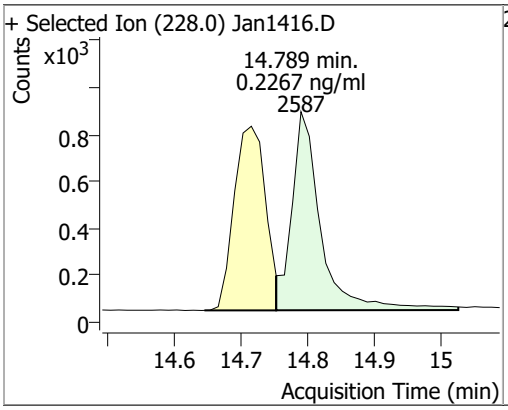
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	0.1889	14.71	0.01	2551	226.0	22.8	18.9	35.1
					229.0	30.3	16.1	29.9

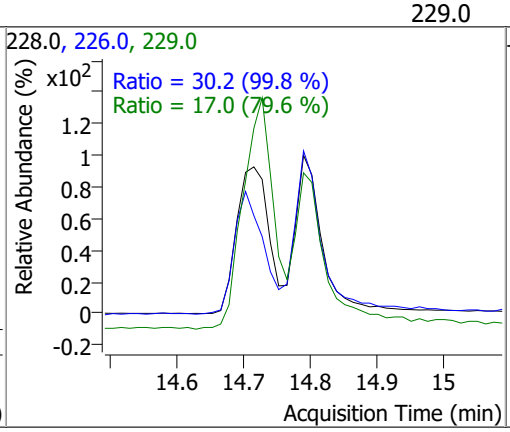


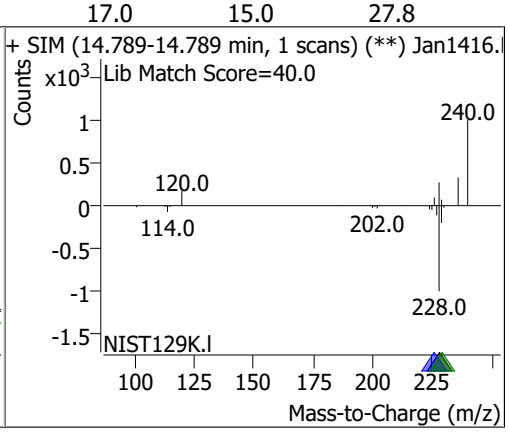




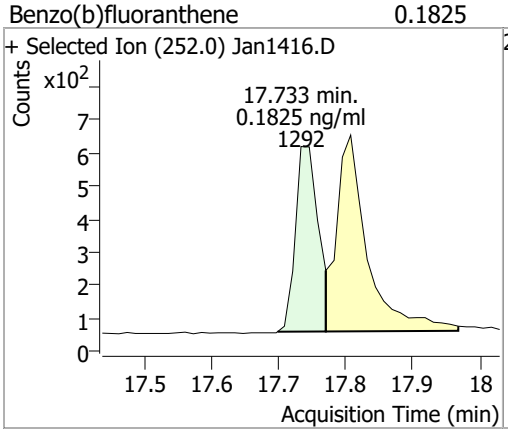
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0.2267	14.79	0.00	2587	226.0	30.2	21.2	39.4
					229.0	17.0	15.0	27.8

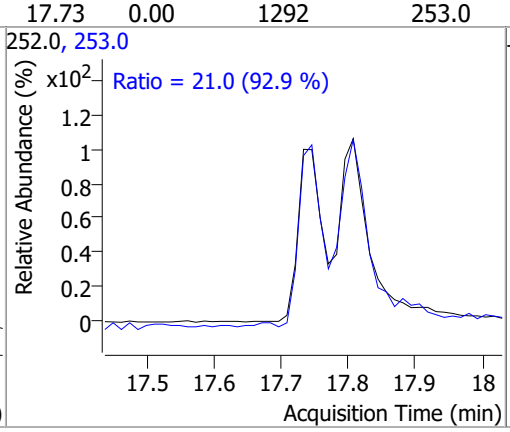


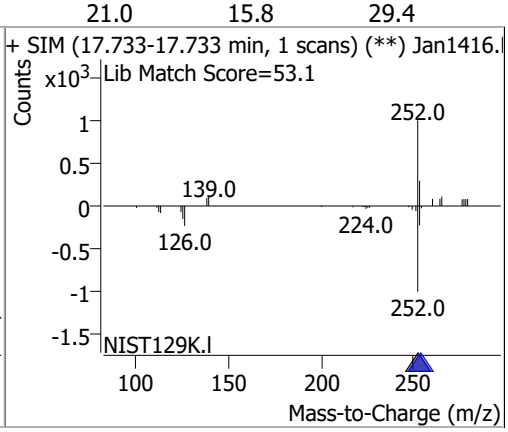




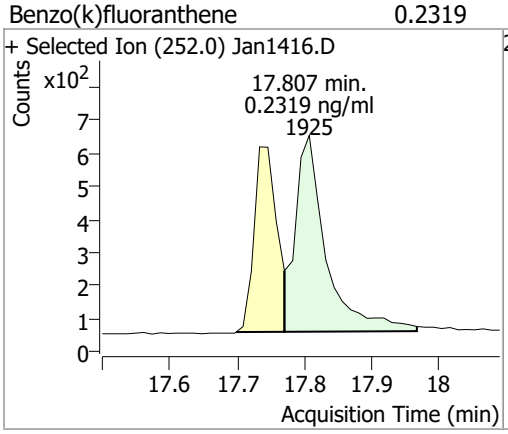
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	0.1825	17.73	0.00	1292	253.0	21.0	15.8	29.4

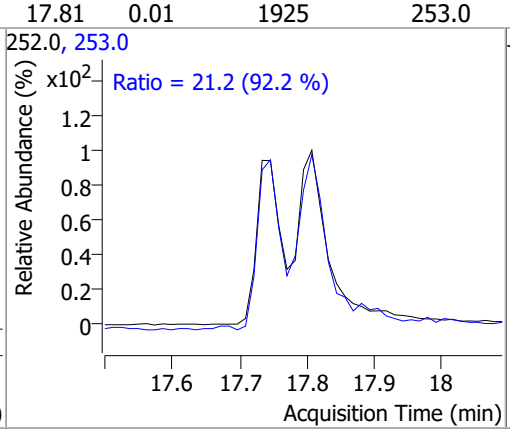


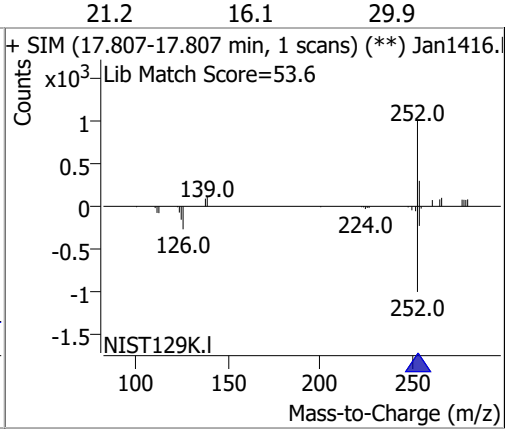




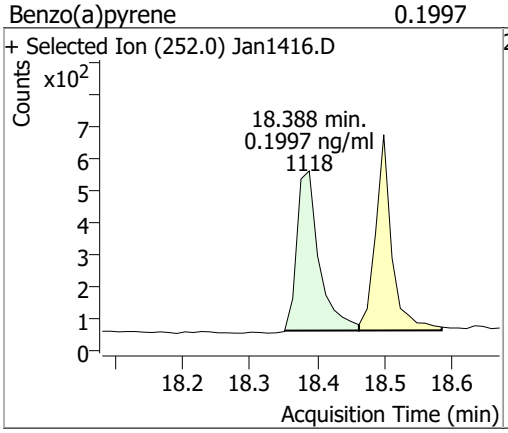
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	0.2319	17.81	0.01	1925	253.0	21.2	16.1	29.9

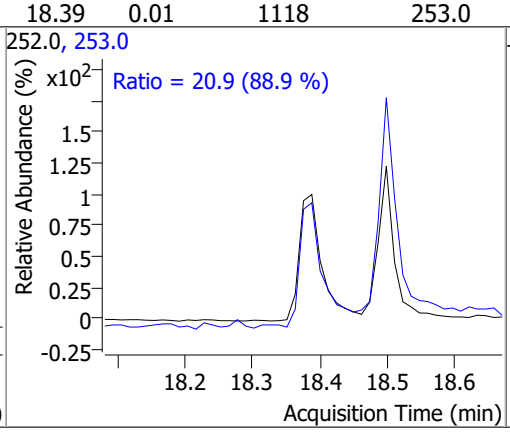


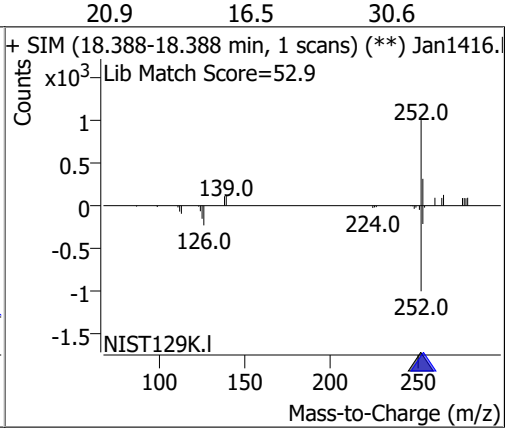




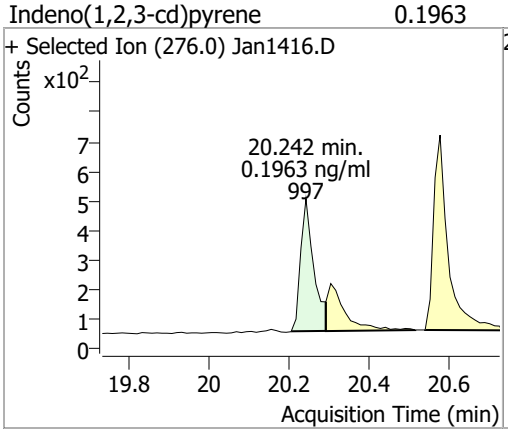
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	0.1997	18.39	0.01	1118	253.0	20.9	16.5	30.6

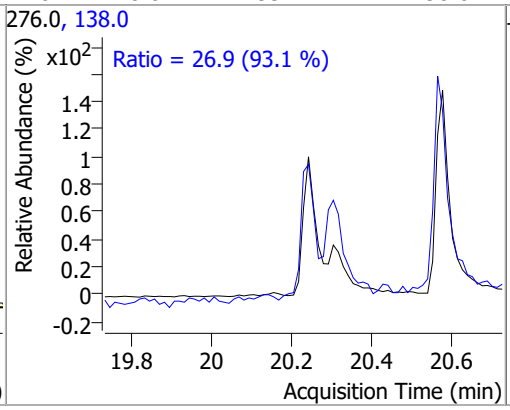


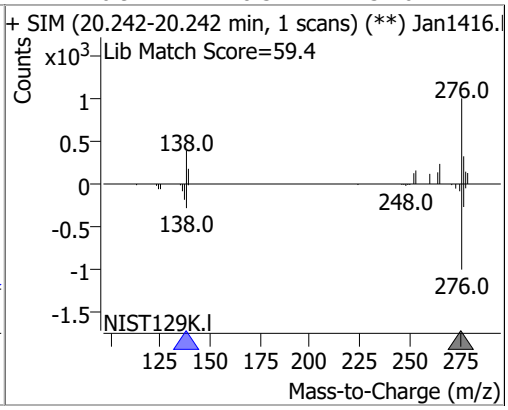




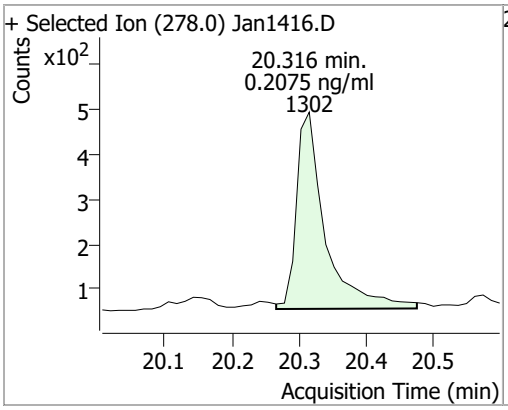
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	0.1963	20.24	0.01	997	138.0	26.9	20.3	37.6

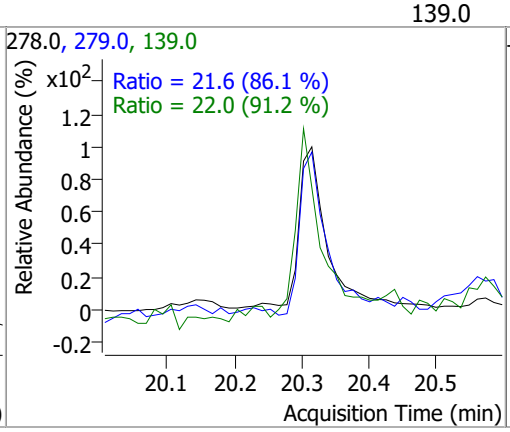


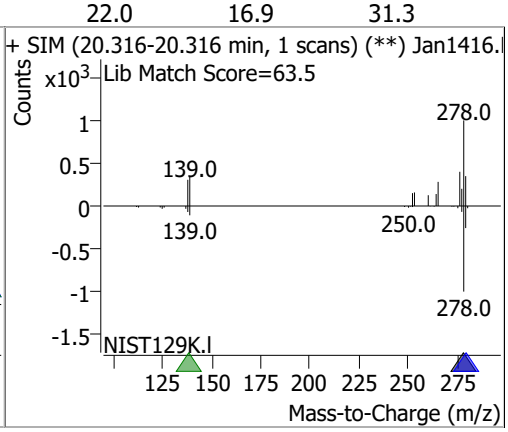




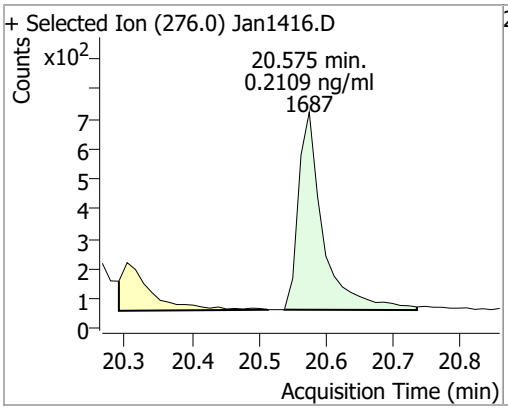
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	0.2075	20.32	0.01	1302	279.0	21.6	17.6	32.7
					139.0	22.0	16.9	31.3

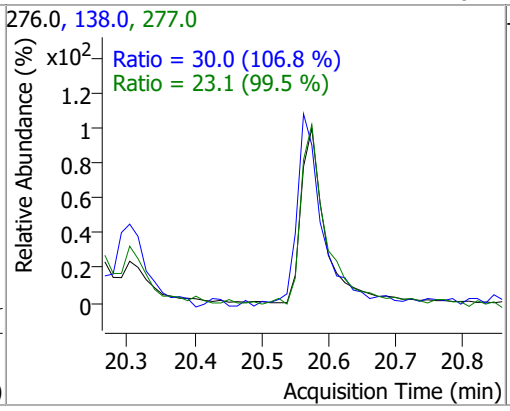


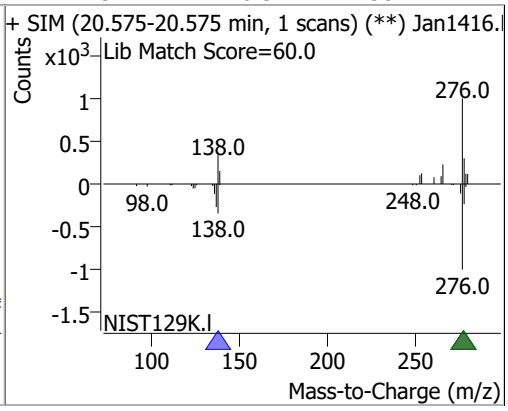




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	0.2109	20.58	0.01	1687	138.0	30.0	19.6	36.5
					277.0	23.1	16.3	30.2



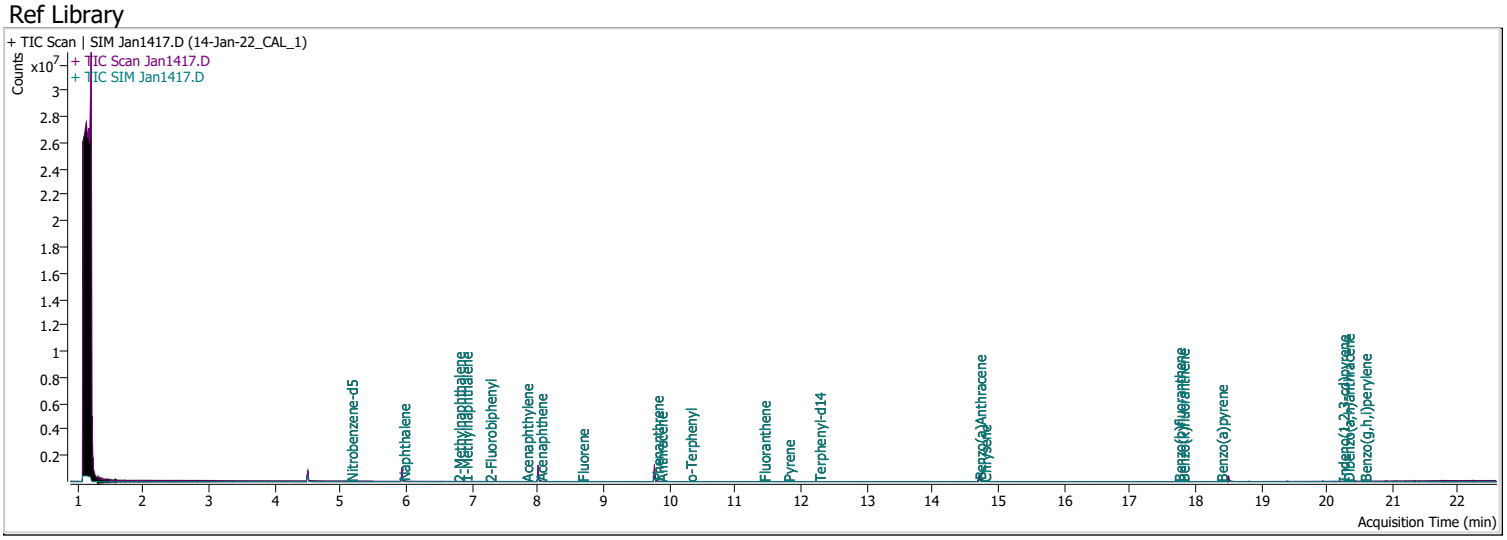




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

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			

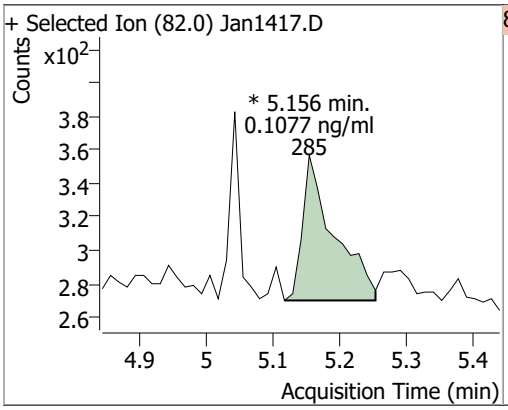


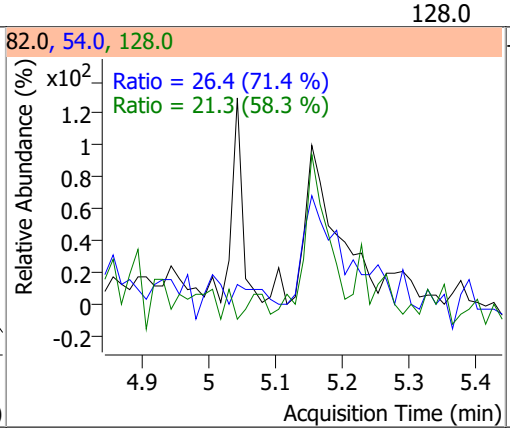
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.509	152.0	163131	40.0000	ng/ml		0.012
M Naphthalene-d8	5.941	136.0	290643	40.0000	ng/ml		0.000
M Acenaphthene-d10	8.013	164.0	159286	40.0000	ng/ml		0.013
M Phenanthrene-d10	9.780	188.0	321717	40.0000	ng/ml		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
System Monitoring Compounds							
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		0.012
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 2.05%		*	
Target Compounds							**QValue**
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

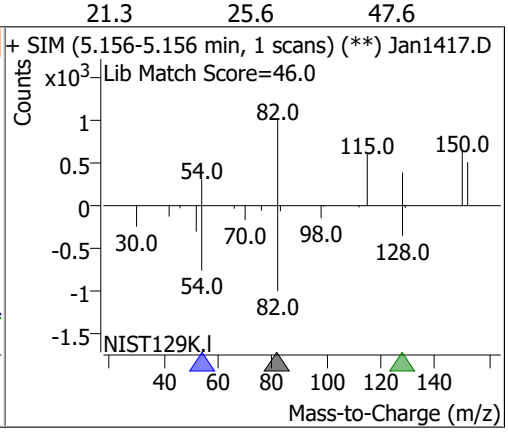
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T Benzo(k)fluoranthene	17.807	252.0	773	0.0900	ng/ml	m	92
T Benzo(a)pyrene	18.388	252.0	571	0.0968	ng/ml	m	93
T Indeno(1,2,3-cd)pyrene	20.241	276.0	532	0.1054	ng/ml		95
T Dibenzo(a,h)anthracene	20.316	278.0	652	0.1080	ng/ml		98
T Benzo(g,h,i)perylene	20.575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

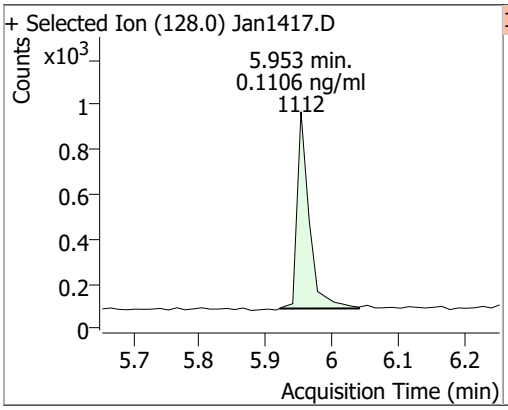
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	0.1077	5.16	0.01	285 (m)	54.0	26.4	25.9	48.1
					128.0	21.3	25.6	47.6

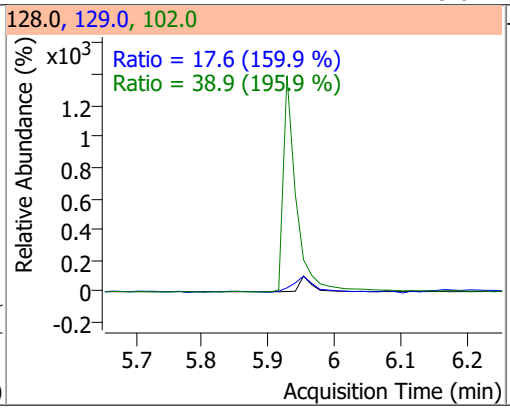


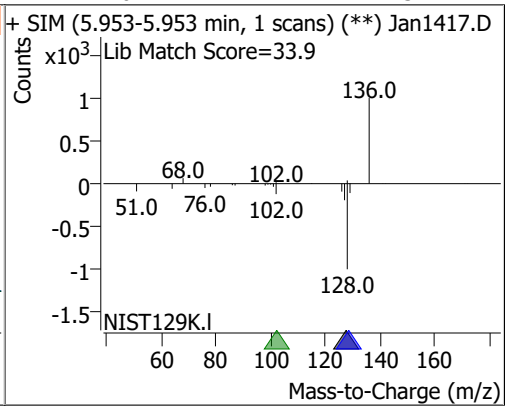




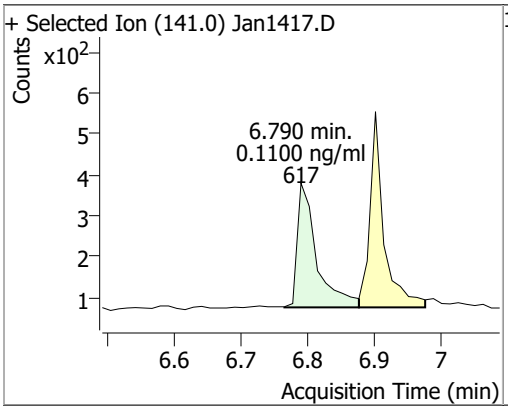
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	0.1106	5.95	0.00	1112	102.0	38.9	0.0	59.6
					129.0	17.6	7.7	14.3

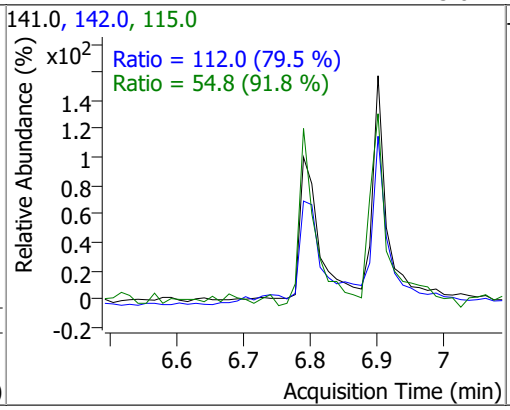


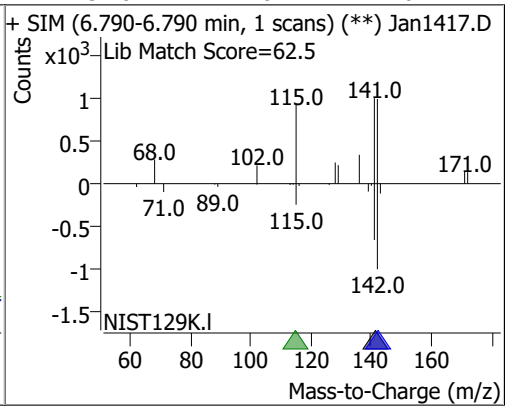




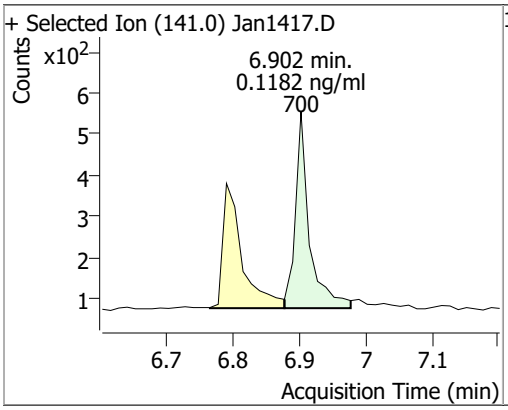
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	0.1100	6.79	0.00	617	142.0	112.0	98.5	183.0
					115.0	54.8	41.8	77.6

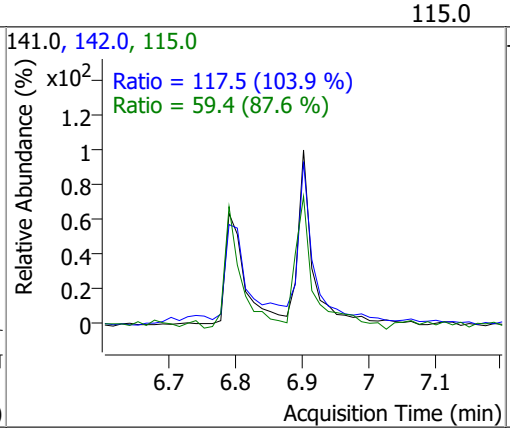


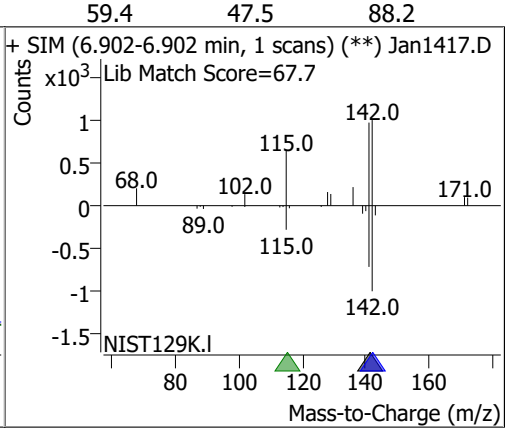




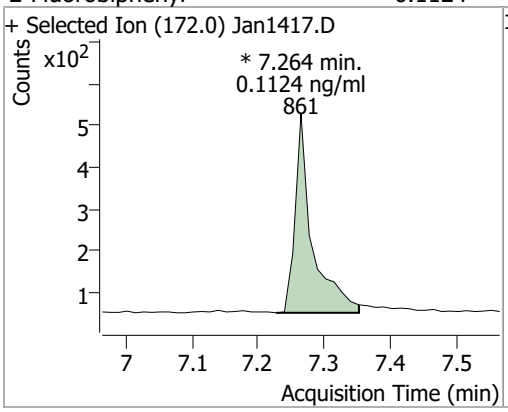
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	0.1182	6.90	0.00	700	142.0	117.5	79.2	147.1
					115.0	59.4	47.5	88.2

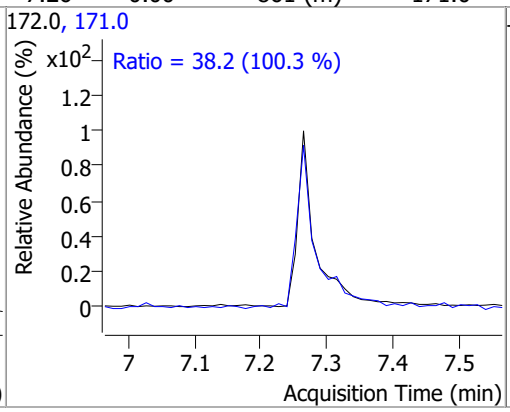


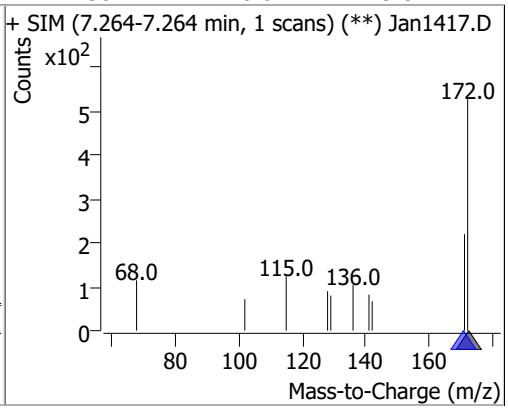




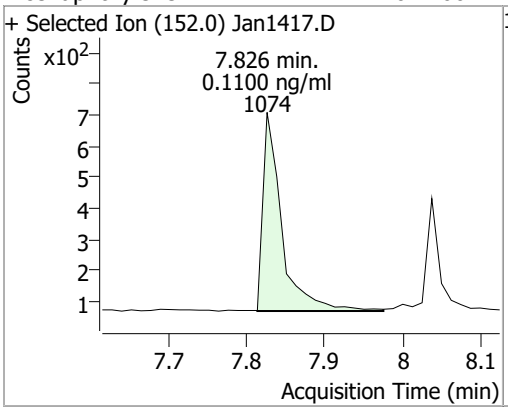
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	0.1124	7.26	0.00	861 (m)	171.0	38.2	26.6	49.5

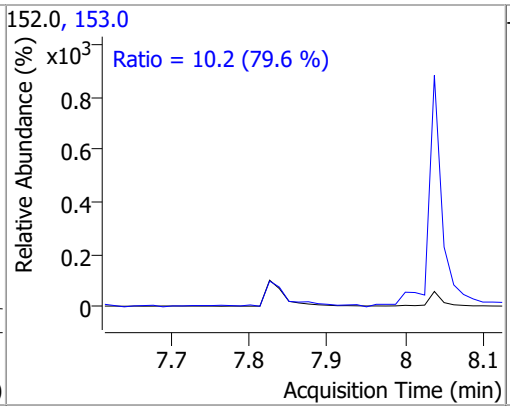


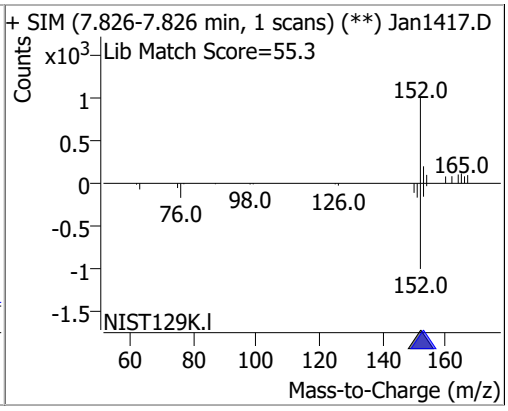




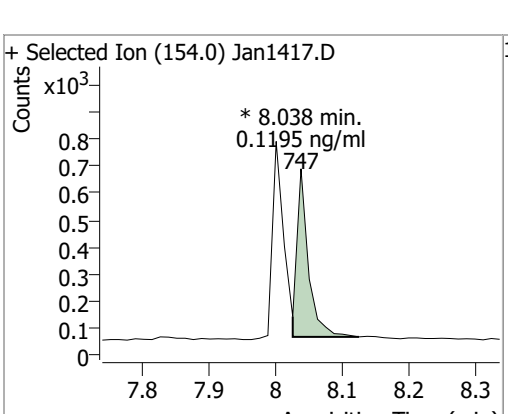
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	0.1100	7.83	0.00	1074	153.0	10.2	9.0	16.6

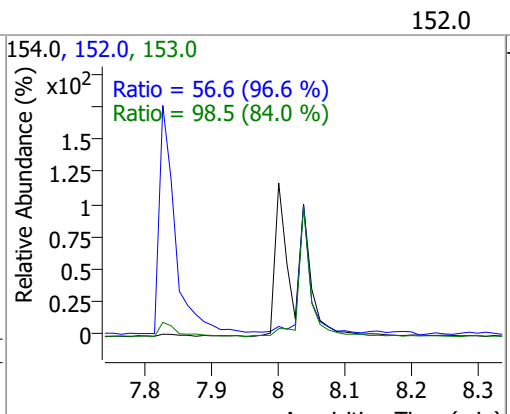


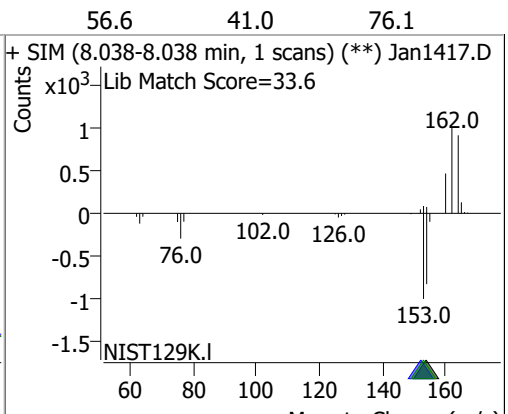




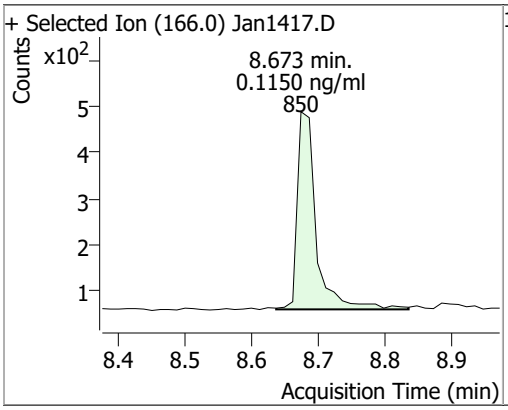
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	0.1195	8.04	0.00	747 (m)	153.0	98.5	82.1	152.6
					152.0	56.6	41.0	76.1

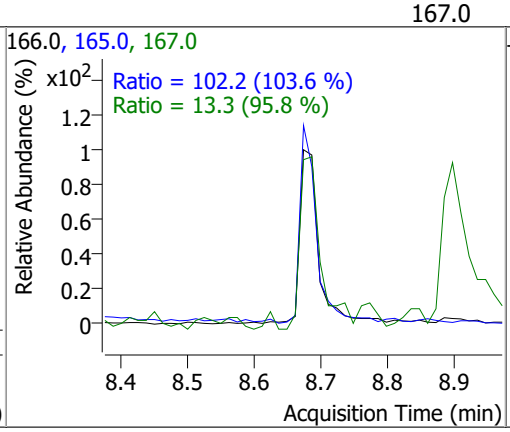


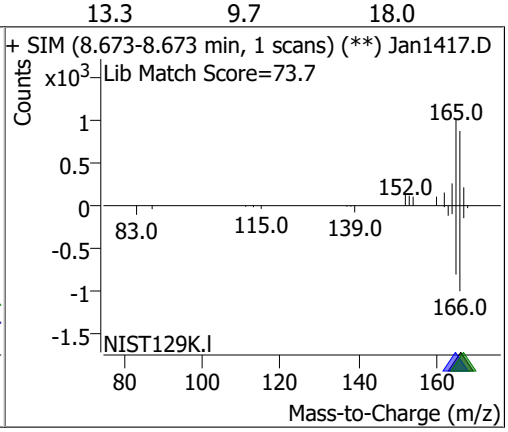




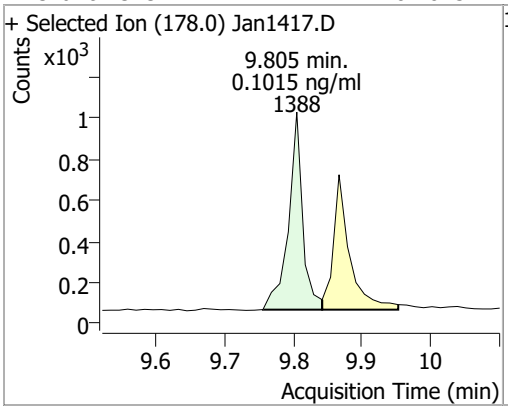
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	0.1150	8.67	0.00	850	165.0	102.2	69.1	128.3
					167.0	13.3	9.7	18.0

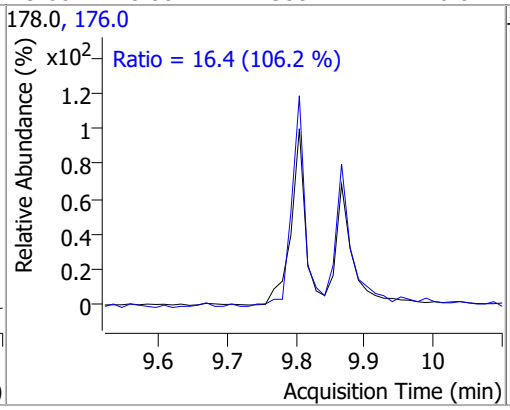


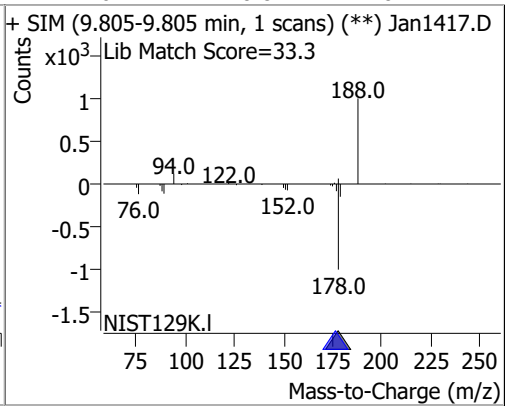




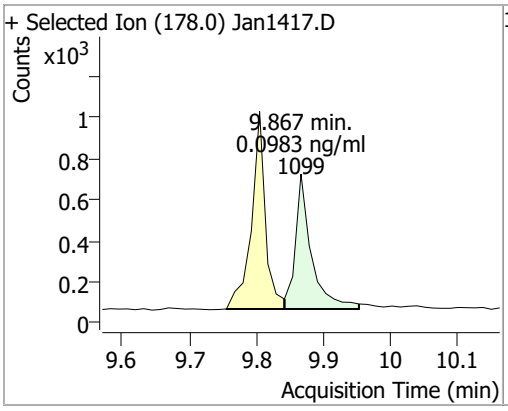
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	0.1015	9.80	0.00	1388	176.0	16.4	10.8	20.1

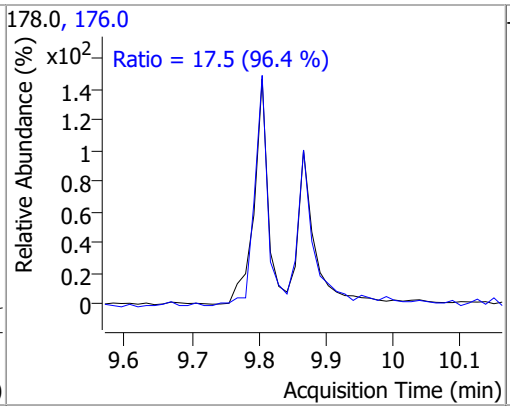


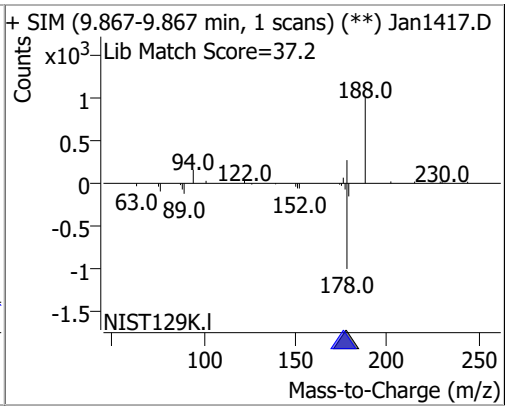




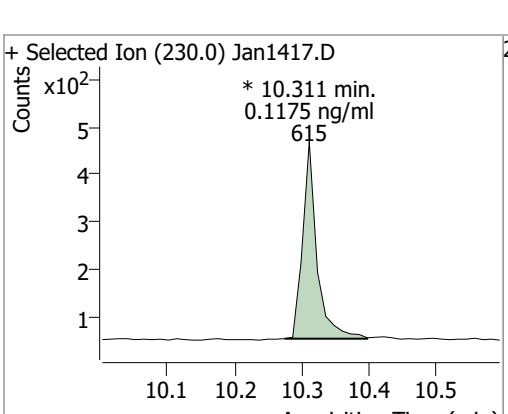
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	0.0983	9.87	0.00	1099	176.0	17.5	12.7	23.5

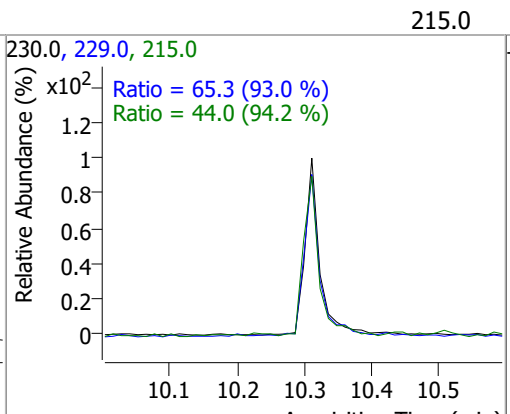


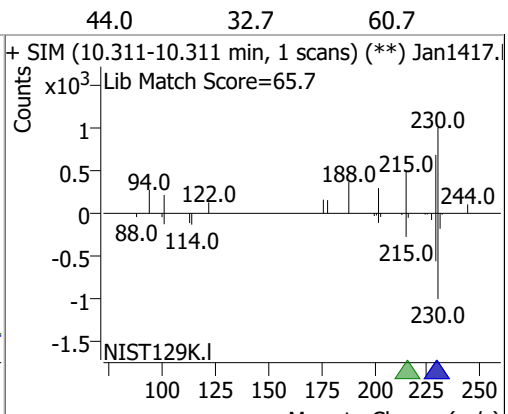




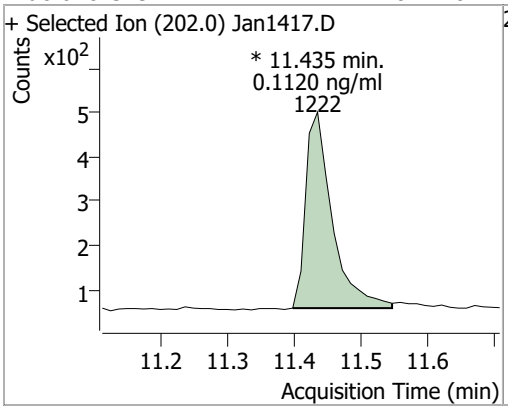
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.1175	10.31	0.01	615 (m)	229.0	65.3	49.2	91.3
					215.0	44.0	32.7	60.7

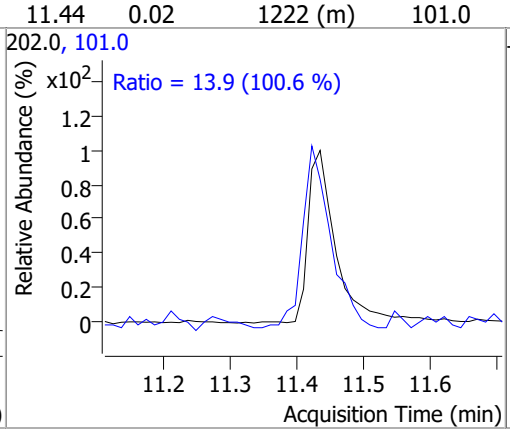


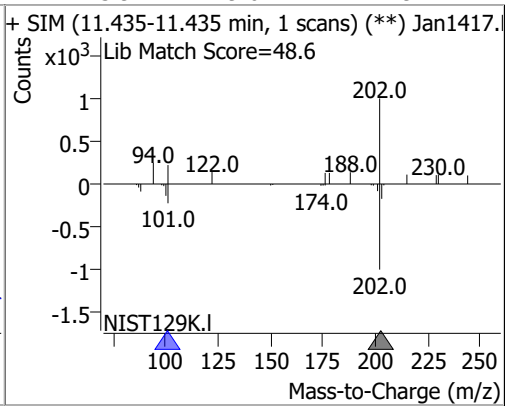




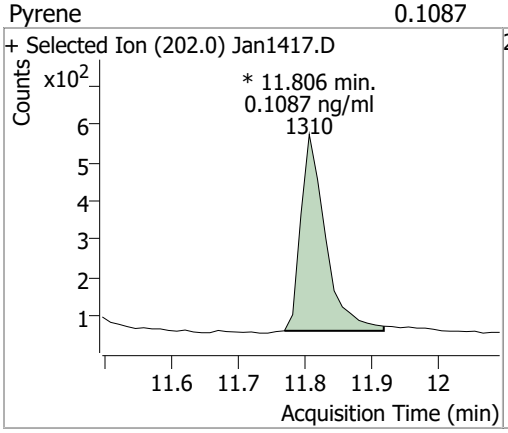
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	0.1120	11.44	0.02	1222 (m)	101.0	13.9	9.6	17.9

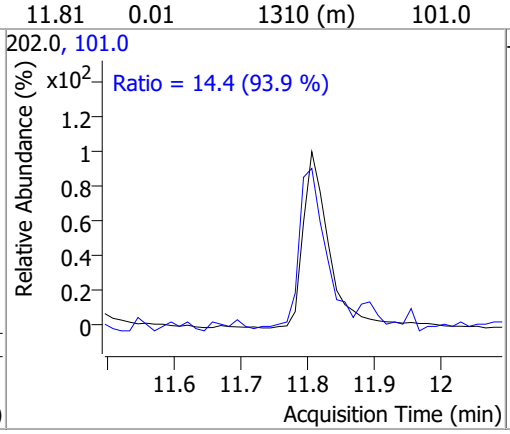


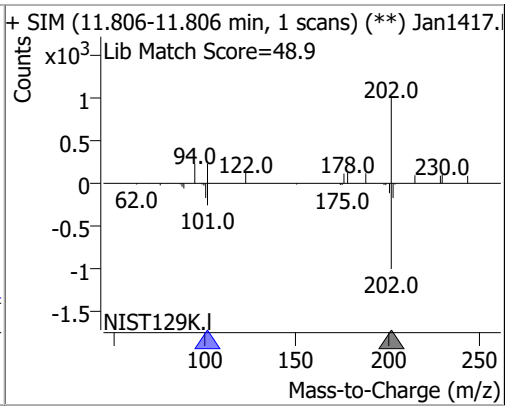




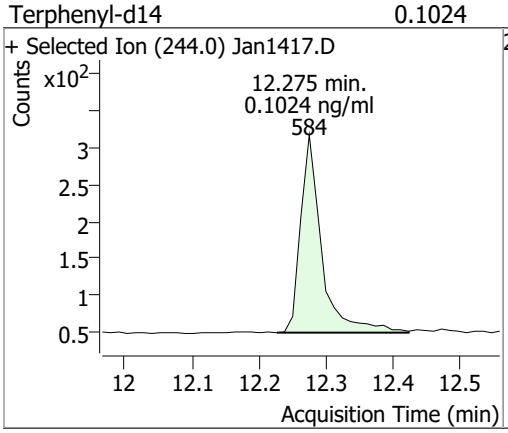
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	0.1087	11.81	0.01	1310 (m)	101.0	14.4	10.7	20.0

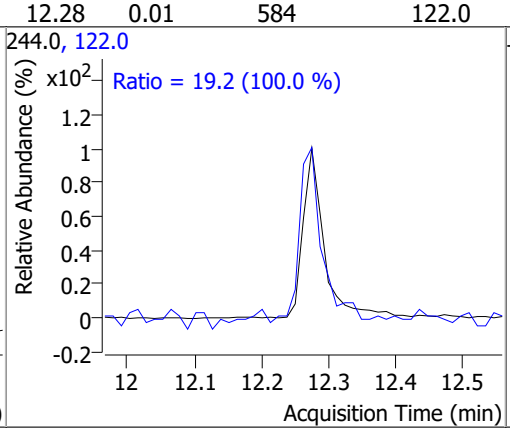


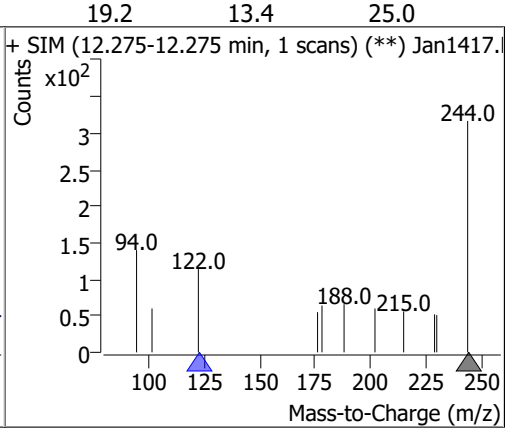




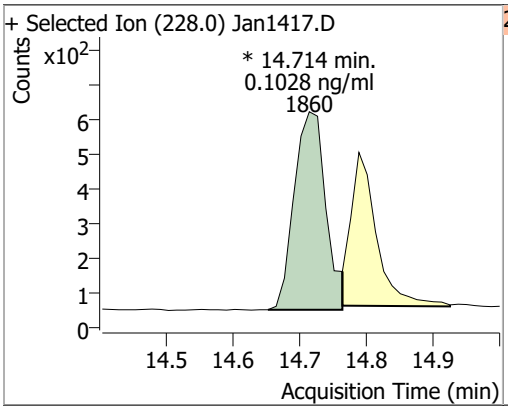
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	0.1024	12.28	0.01	584	122.0	19.2	13.4	25.0

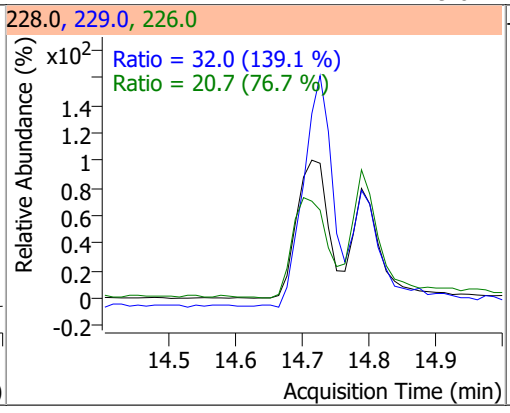


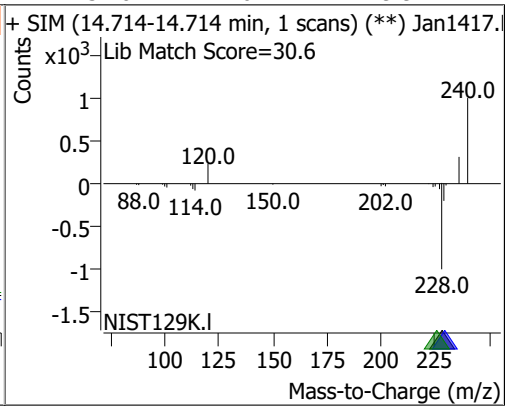




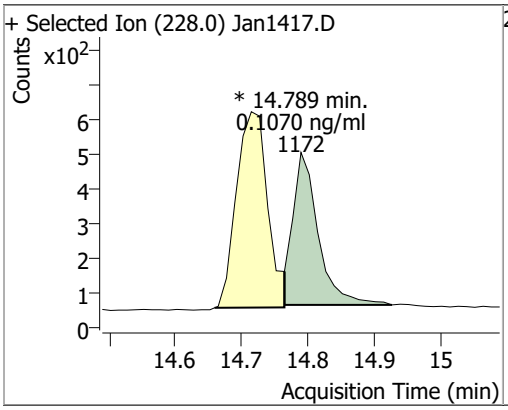
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	0.1028	14.71	0.01	1860 (m)	226.0	20.7	18.9	35.1
					229.0	32.0	16.1	29.9

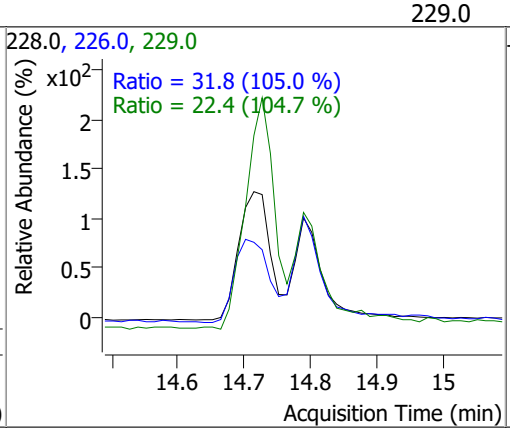


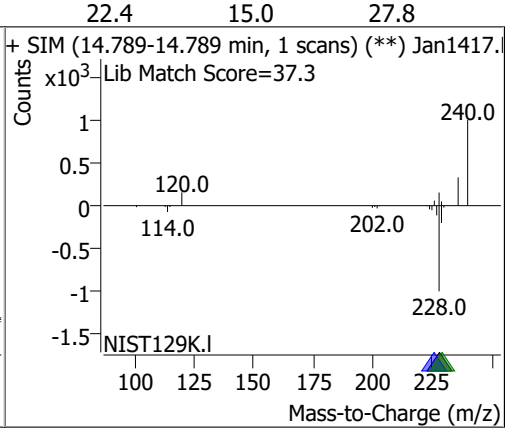




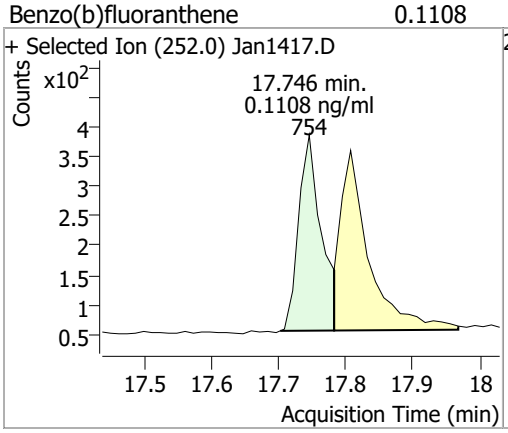
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0.1070	14.79	0.00	1172 (m)	226.0	31.8	21.2	39.4
					229.0	22.4	15.0	27.8

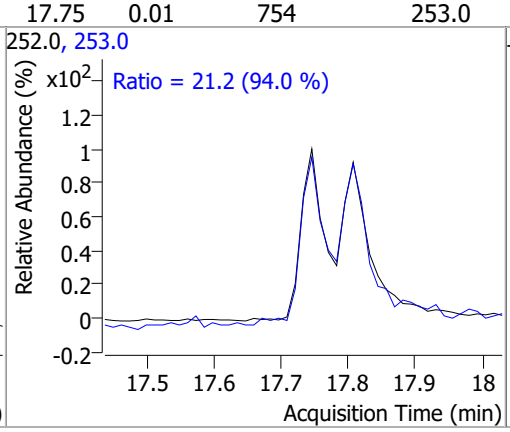


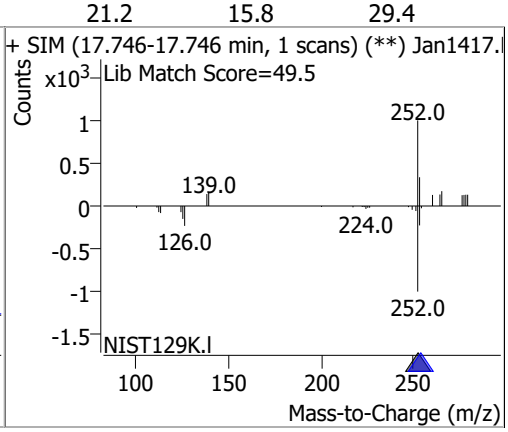




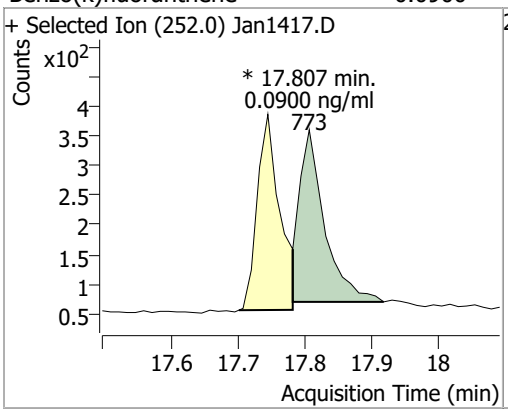
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	0.1108	17.75	0.01	754	253.0	21.2	15.8	29.4

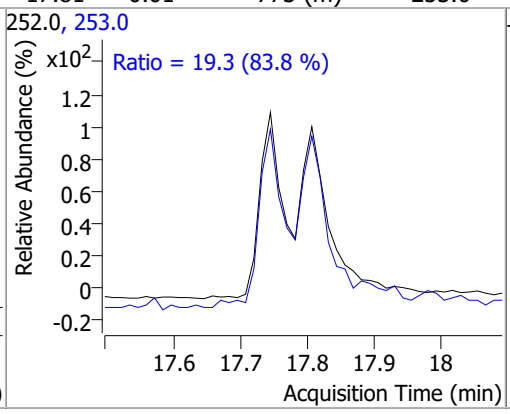


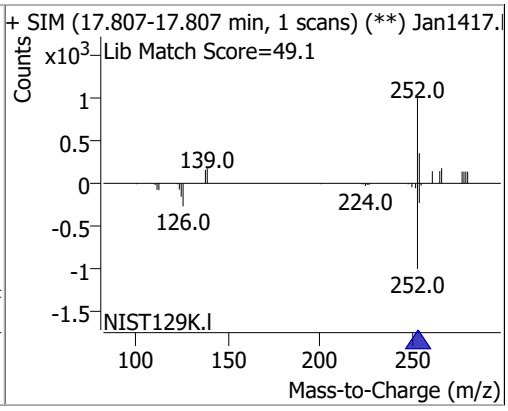




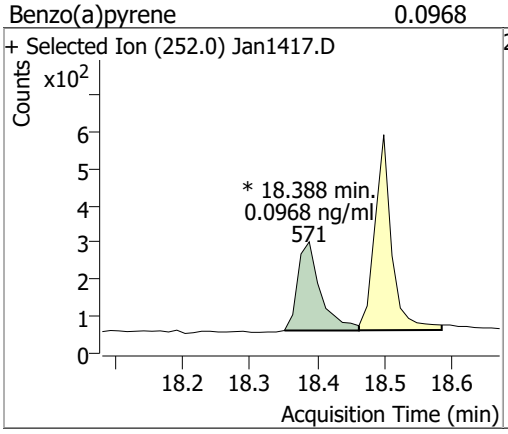
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	0.0900	17.81	0.01	773 (m)	253.0	19.3	16.1	29.9

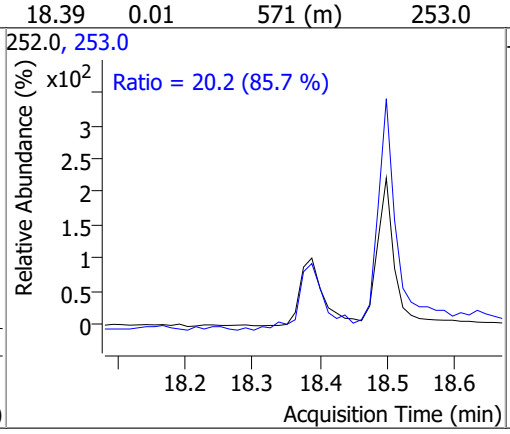


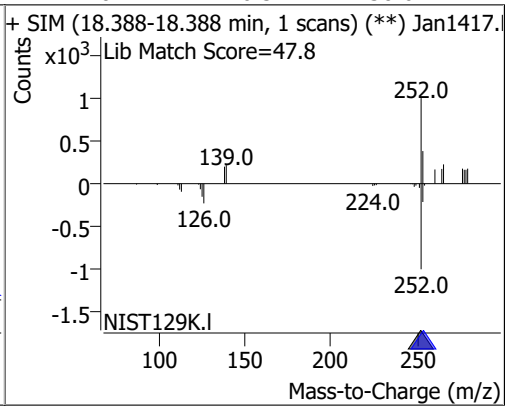




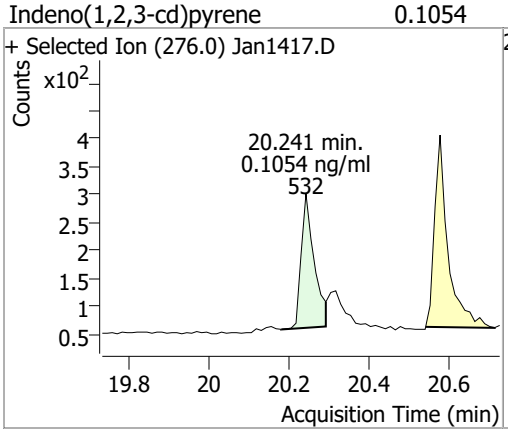
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	0.0968	18.39	0.01	571 (m)	253.0	20.2	16.5	30.6

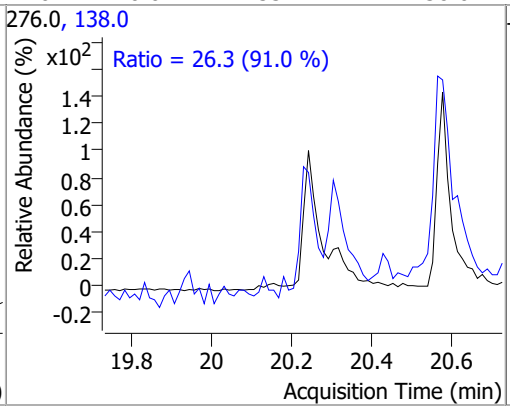


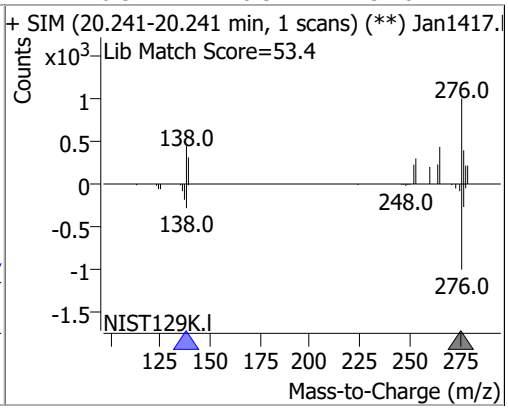




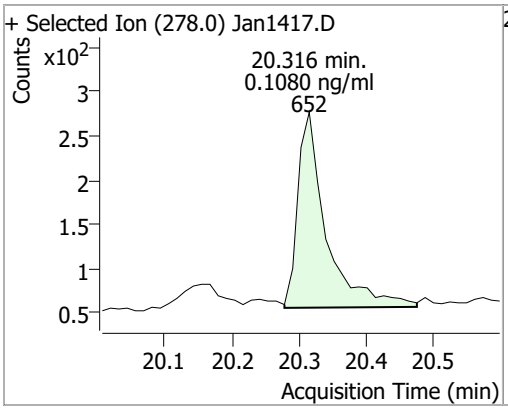
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	0.1054	20.24	0.01	532	138.0	26.3	20.3	37.6

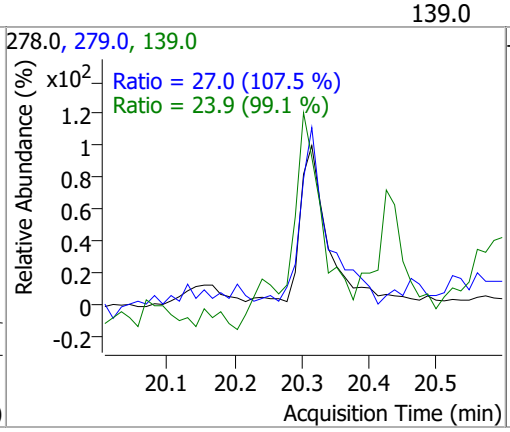


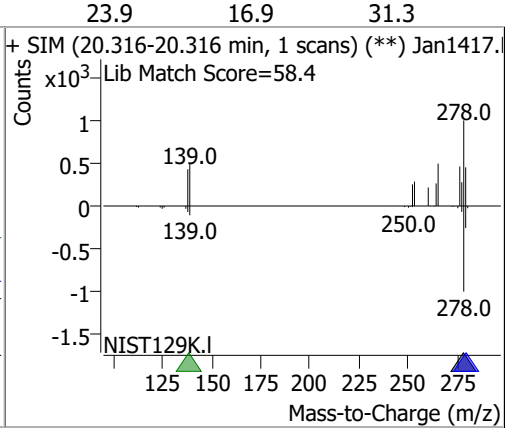




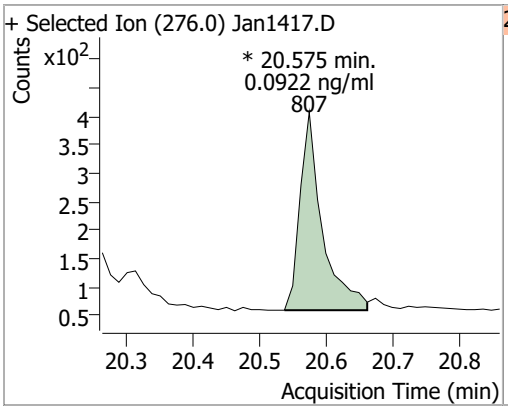
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	0.1080	20.32	0.01	652	279.0	27.0	17.6	32.7
					139.0	23.9	16.9	31.3

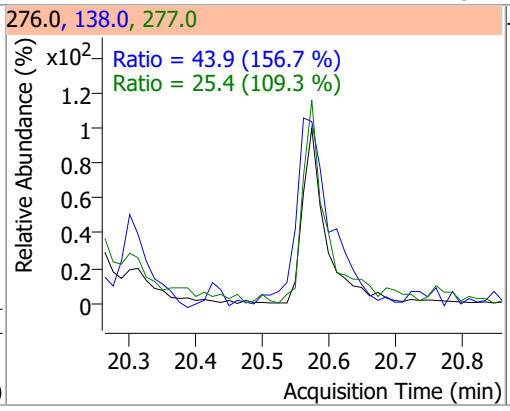


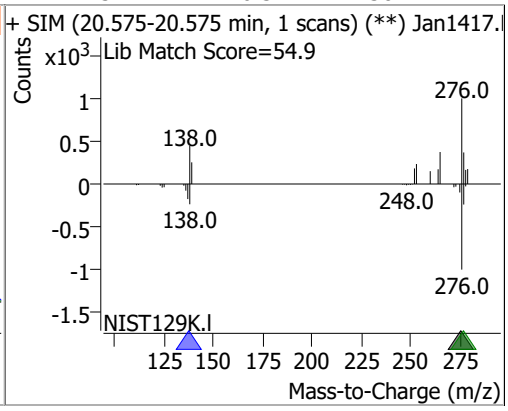




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	0.0922	20.58	0.01	807 (m)	138.0	43.9	19.6	36.5
					277.0	25.4	16.3	30.2

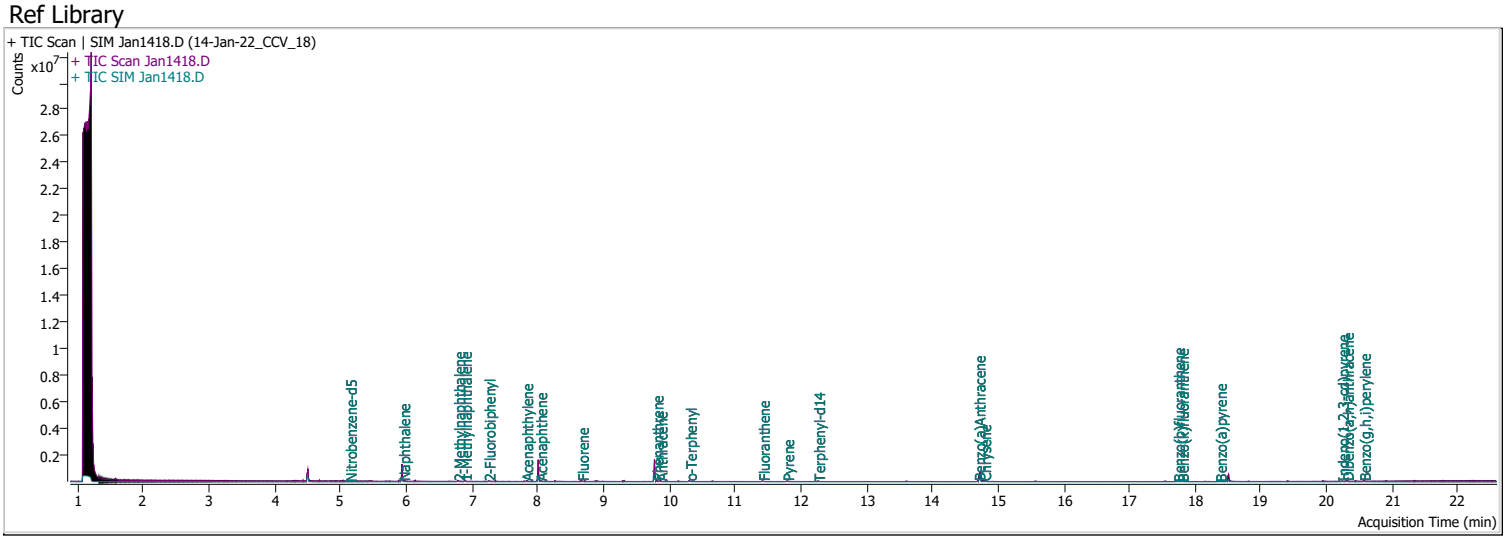






Quantitation Results Report (QT Reviewed)

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			

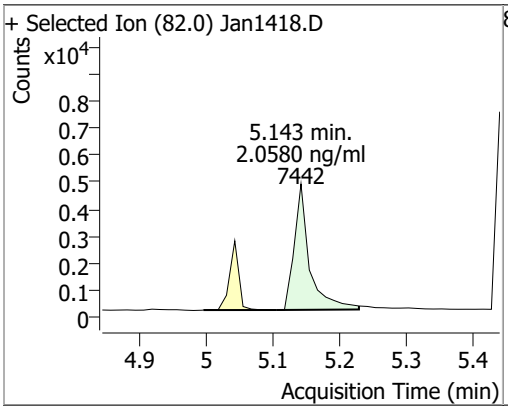


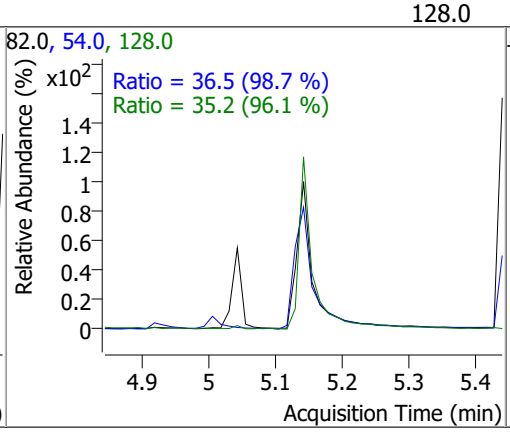
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.497	152.0	188496	40.0000	ng/ml		0.000
M Naphthalene-d8	5.941	136.0	331274	40.0000	ng/ml		0.000
M Acenaphthene-d10	8.013	164.0	181512	40.0000	ng/ml		0.013
M Phenanthrene-d10	9.780	188.0	383934	40.0000	ng/ml		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
System Monitoring Compounds							
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%		*	
Target Compounds							**QValue**
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

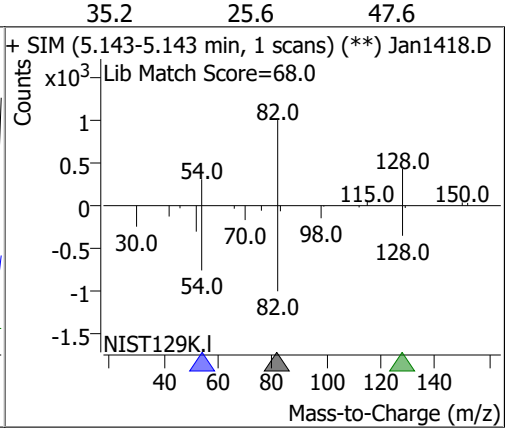
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.795	252.0	20600	2.1338	ng/ml	100
T Benzo(a)pyrene	18.376	252.0	13846	2.1474	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.229	276.0	13543	2.1963	ng/ml	98
T Dibenzo(a,h)anthracene	20.303	278.0	15374	2.0521	ng/ml	98
T Benzo(g,h,i)perylene	20.563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

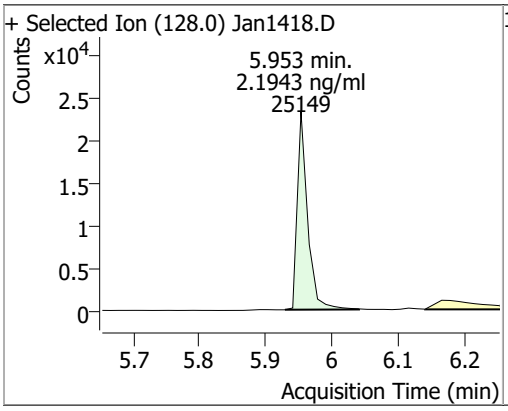
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	2.0580	5.14	0.00	7442	54.0	36.5	25.9	48.1
					128.0	35.2	25.6	47.6

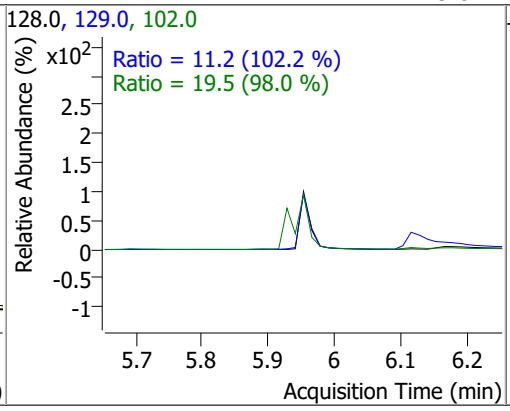


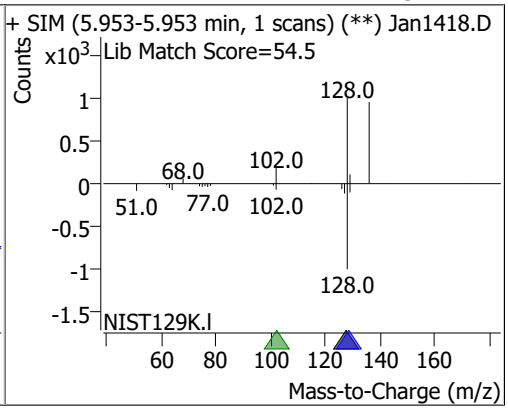




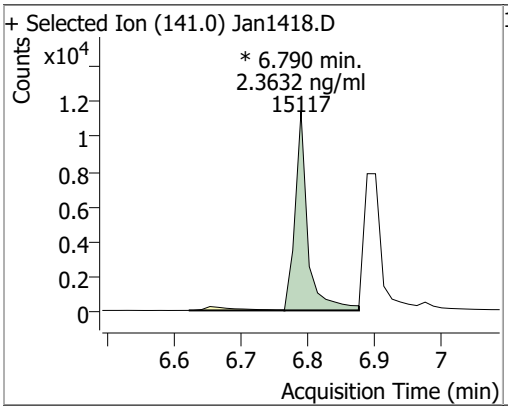
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.1943	5.95	0.00	25149	102.0	19.5	0.0	59.6
					129.0	11.2	7.7	14.3

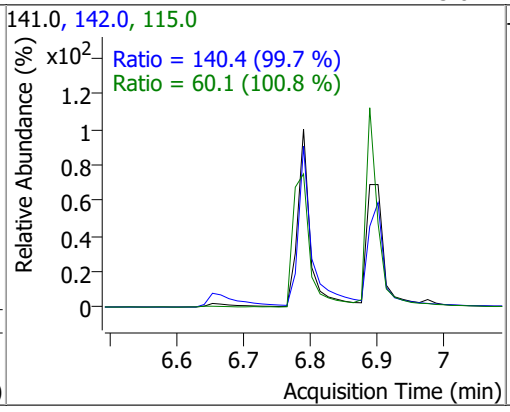


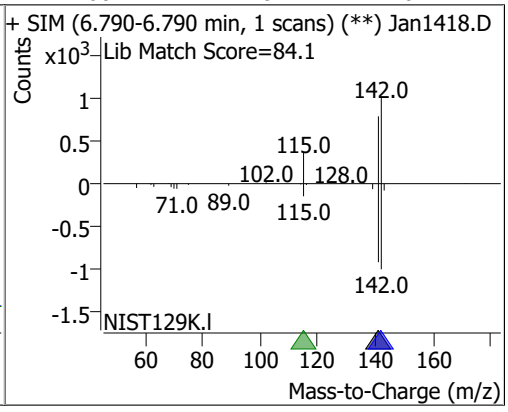




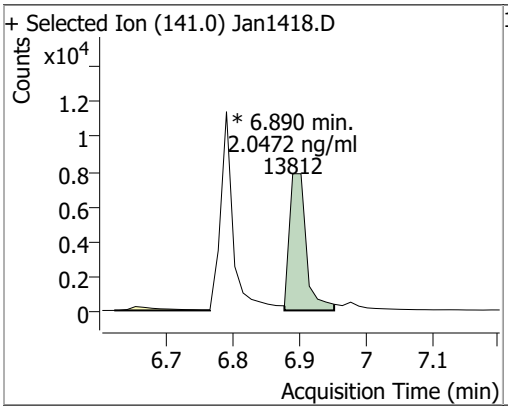
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	2.3632	6.79	0.00	15117 (m)	142.0	140.4	98.5	183.0
					115.0	60.1	41.8	77.6

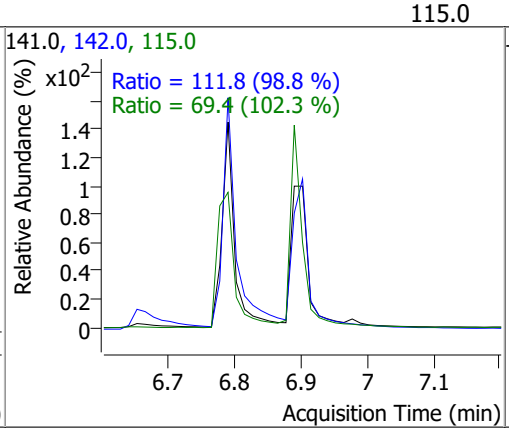


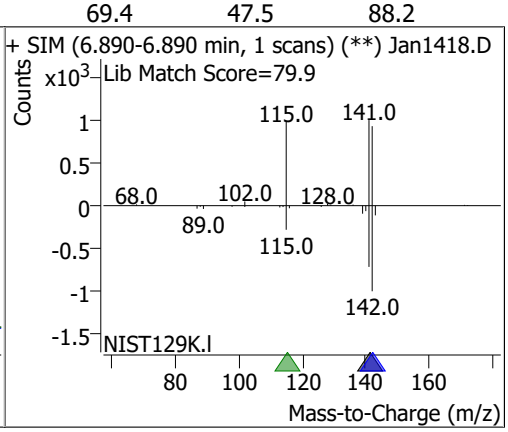




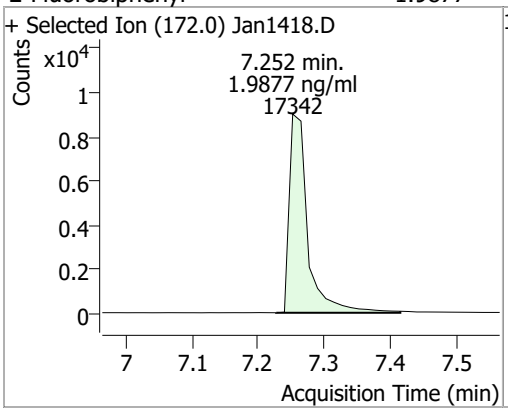
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.0472	6.89	-0.01	13812 (m)	142.0	111.8	79.2	147.1
					115.0	69.4	47.5	88.2

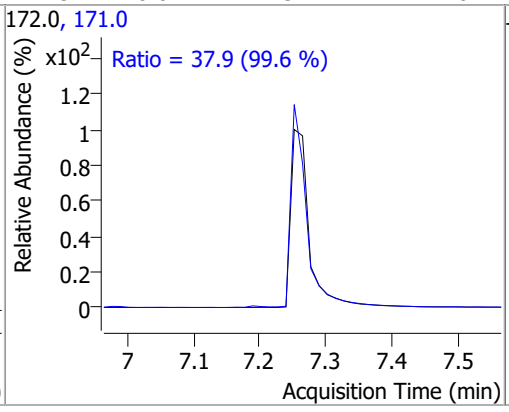


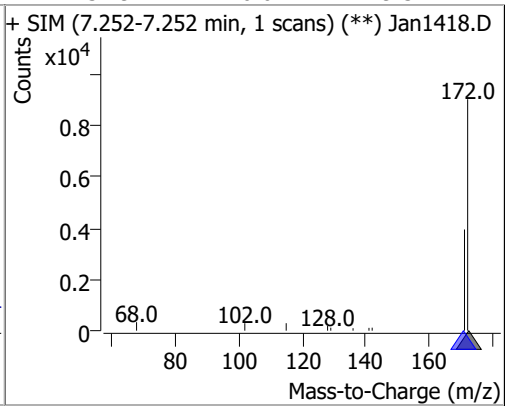




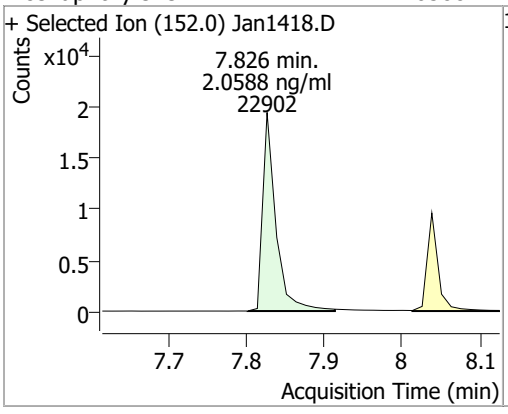
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	1.9877	7.25	-0.01	17342	171.0	37.9	26.6	49.5

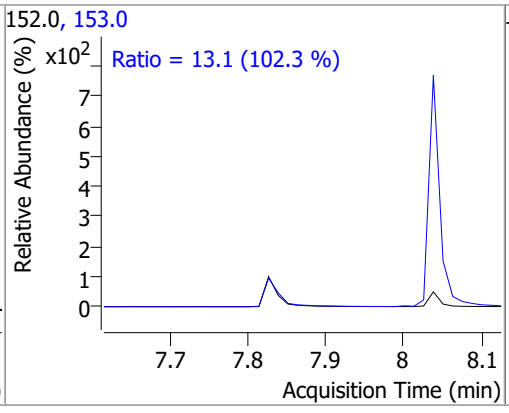


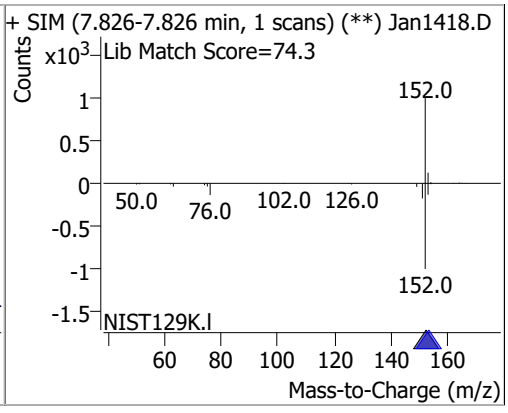




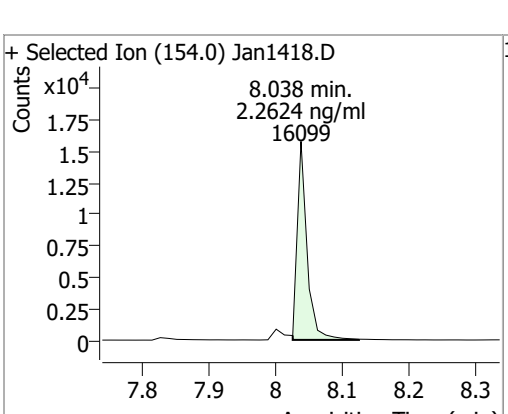
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	2.0588	7.83	0.00	22902	153.0	13.1	9.0	16.6

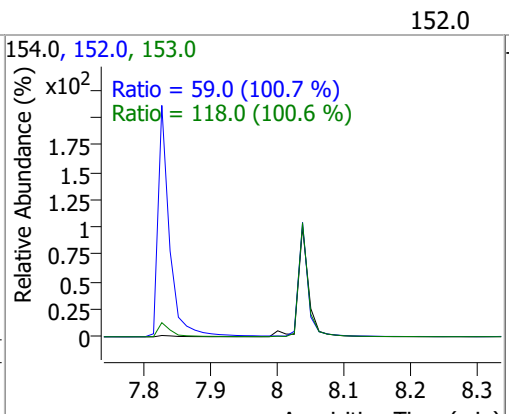


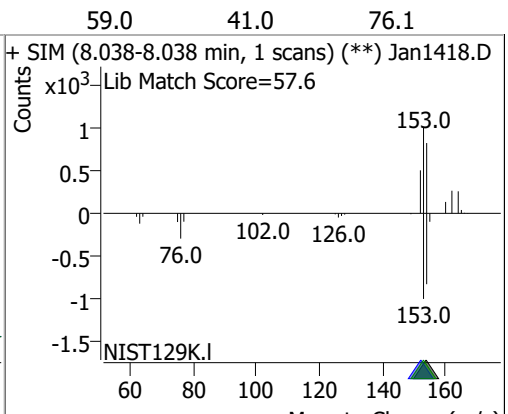




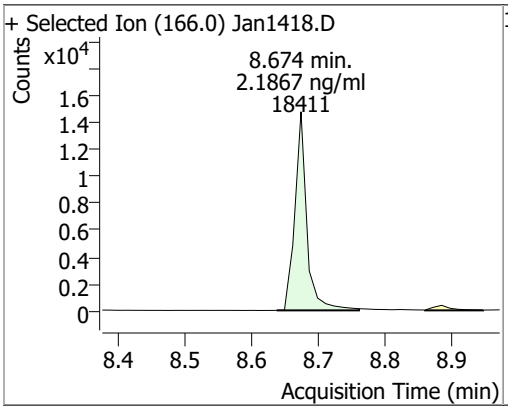
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	2.2624	8.04	0.00	16099	153.0	118.0	82.1	152.6
					152.0	59.0	41.0	76.1

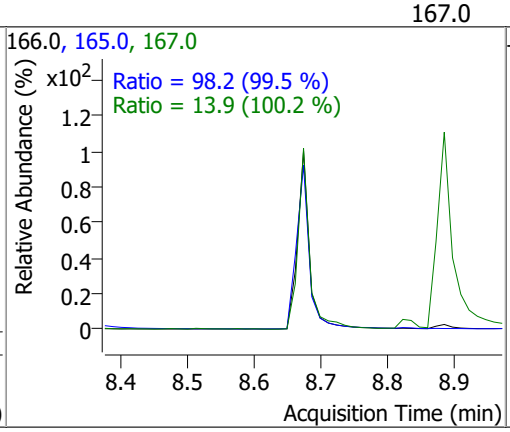


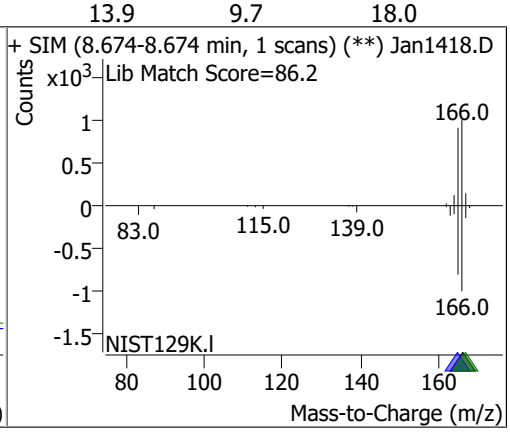




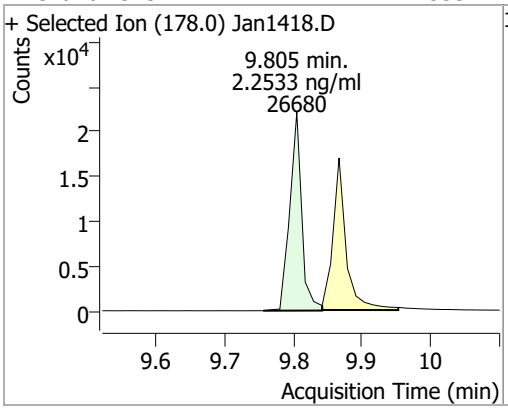
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	2.1867	8.67	0.00	18411	165.0	98.2	69.1	128.3
					167.0	13.9	9.7	18.0

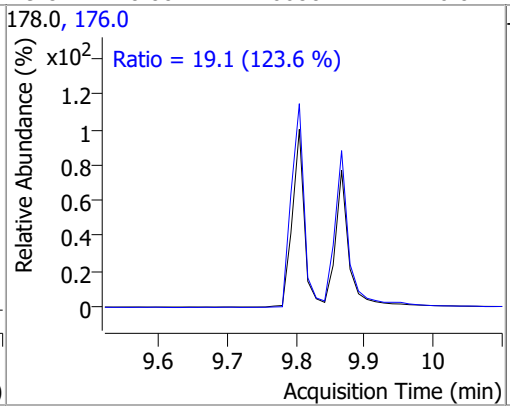


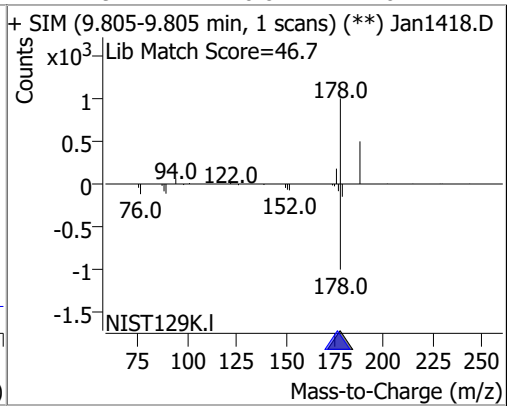




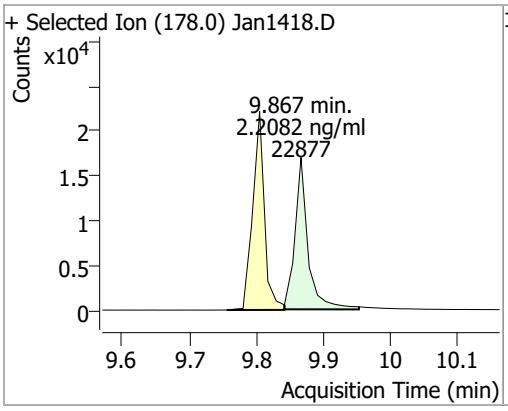
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	2.2533	9.81	0.00	26680	176.0	19.1	10.8	20.1

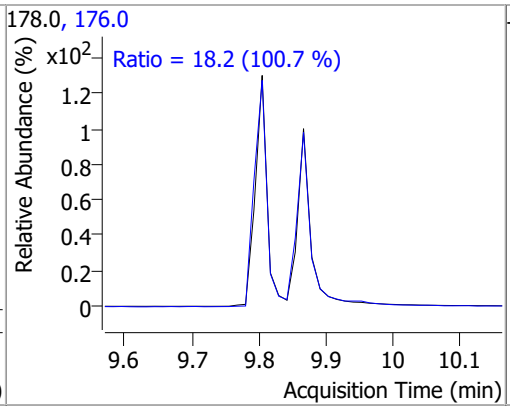


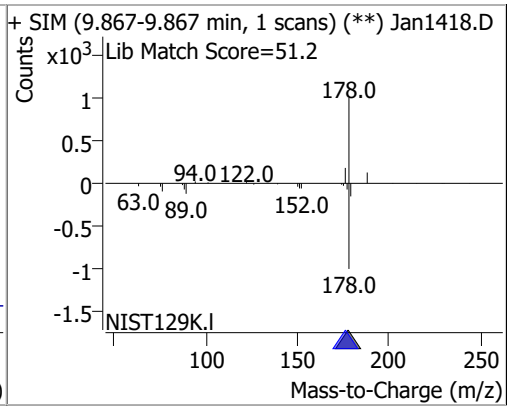




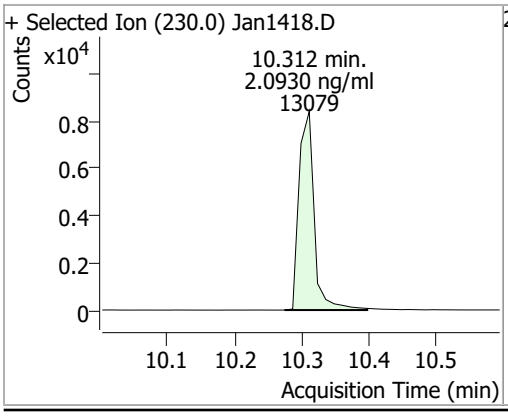
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	2.2082	9.87	0.00	22877	176.0	18.2	12.7	23.5

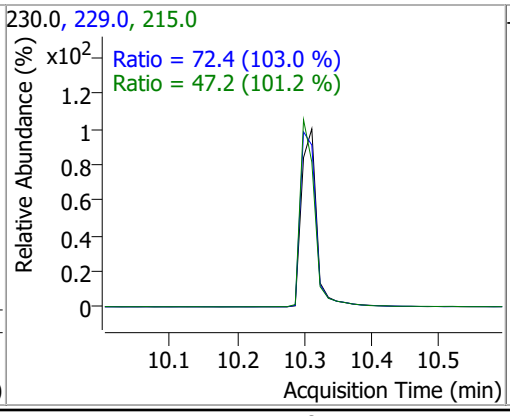


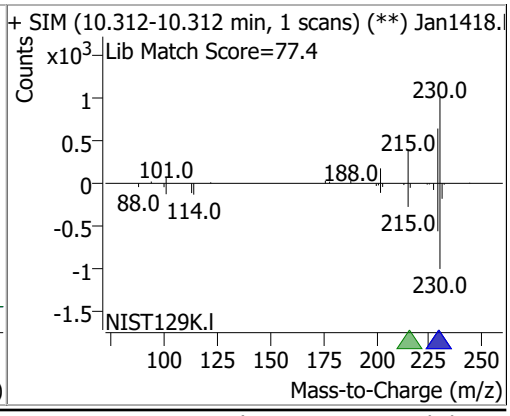




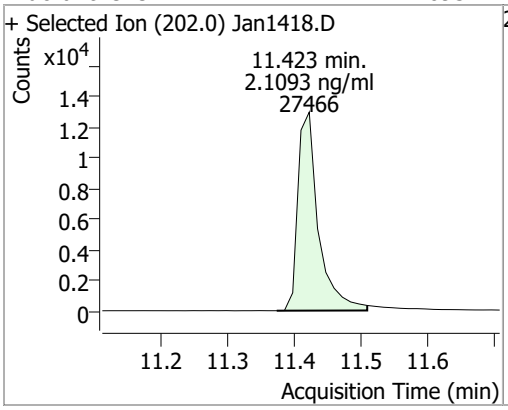
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	2.0930	10.31	0.01	13079	229.0	72.4	49.2	91.3
					215.0	47.2	32.7	60.7

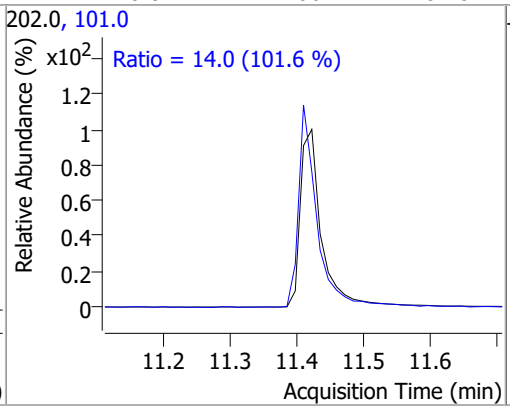


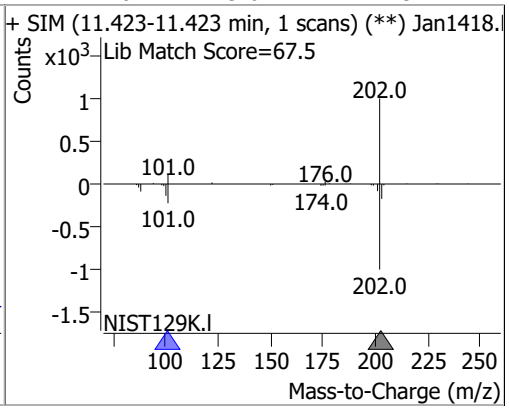




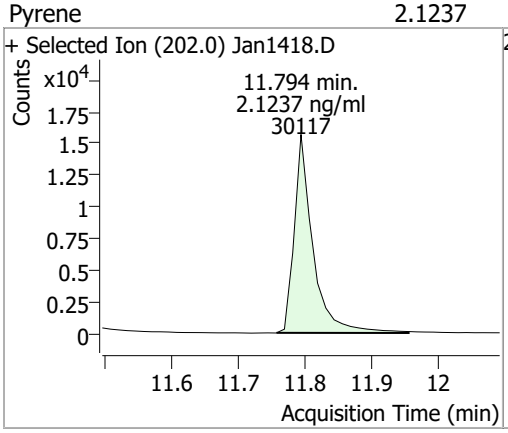
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	2.1093	11.42	0.01	27466	101.0	14.0	9.6	17.9

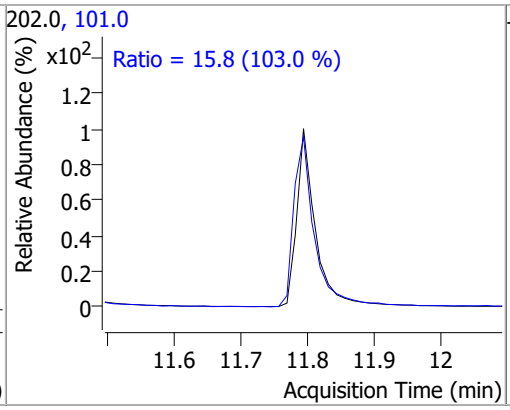


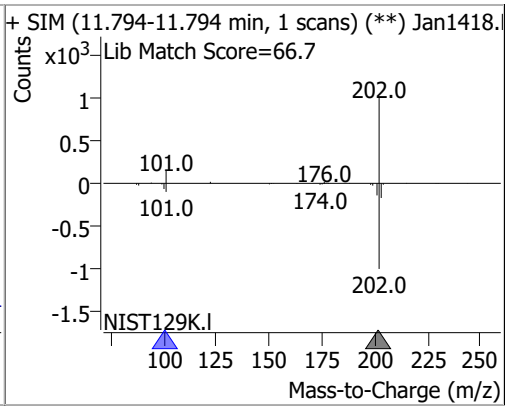




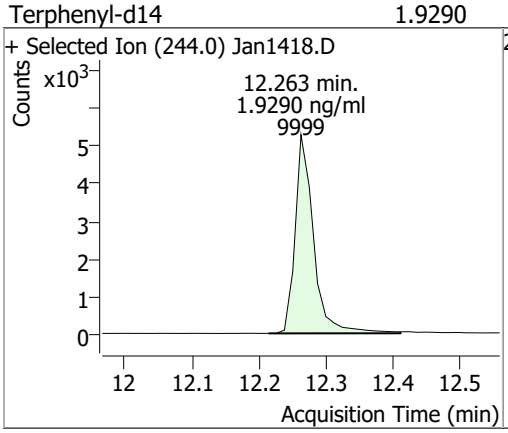
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	2.1237	11.79	0.00	30117	101.0	15.8	10.7	20.0

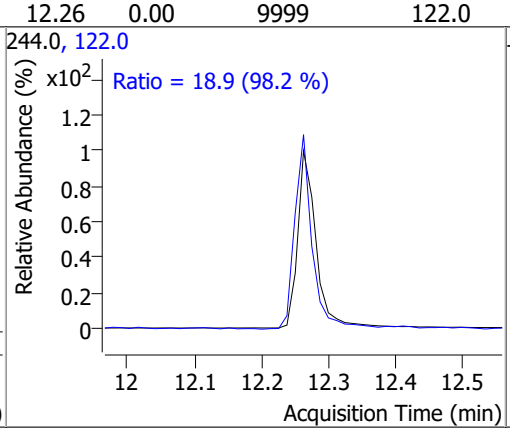


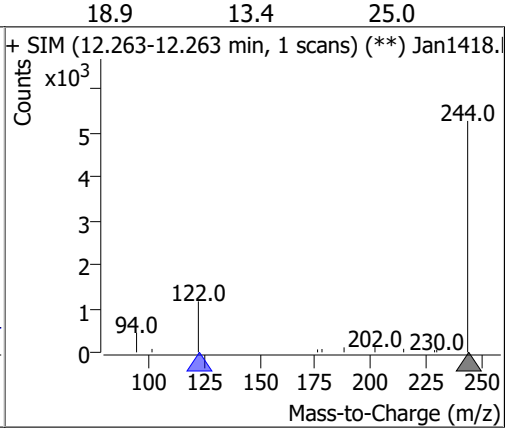




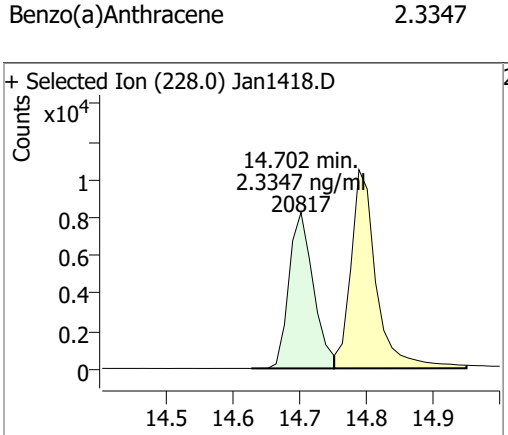
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	1.9290	12.26	0.00	9999	122.0	18.9	13.4	25.0

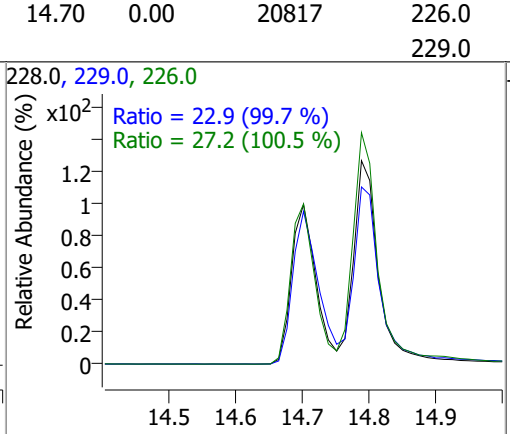


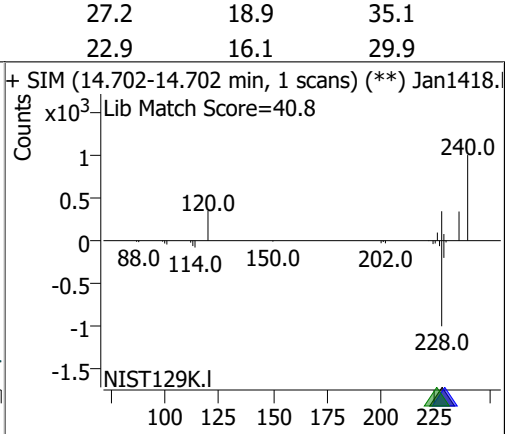




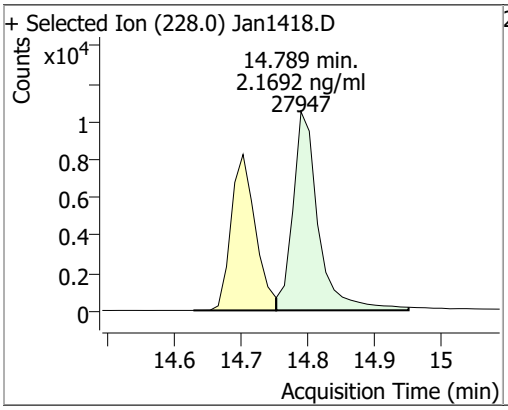
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	2.3347	14.70	0.00	20817	226.0	27.2	18.9	35.1
					229.0	22.9	16.1	29.9

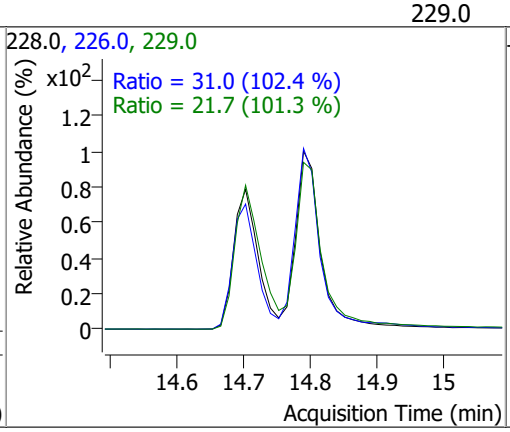


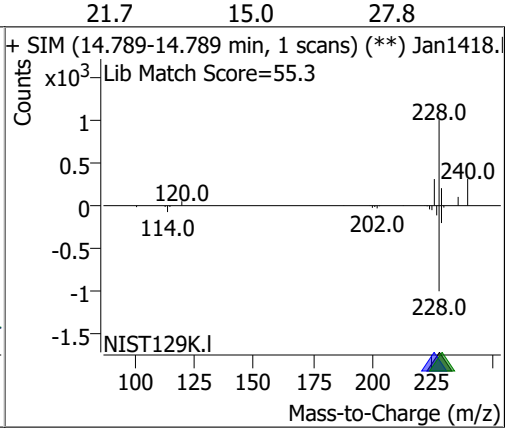




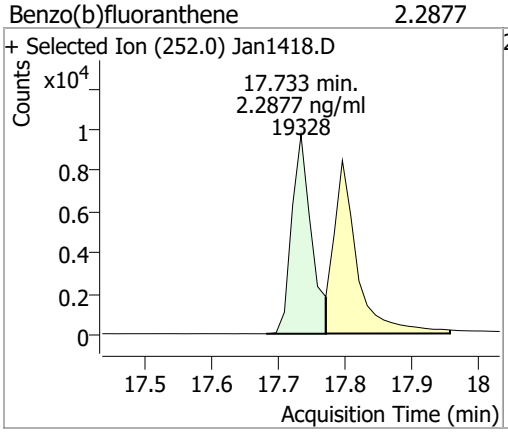
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	2.1692	14.79	0.00	27947	226.0	31.0	21.2	39.4
					229.0	21.7	15.0	27.8

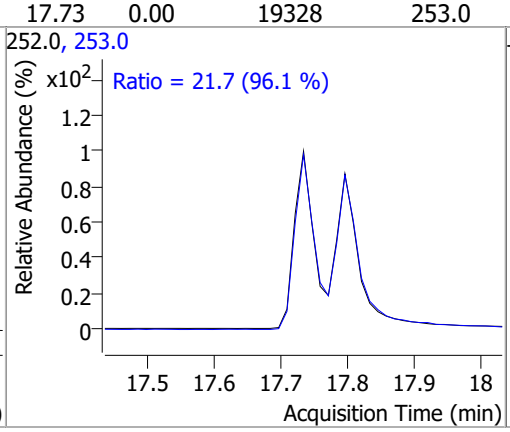


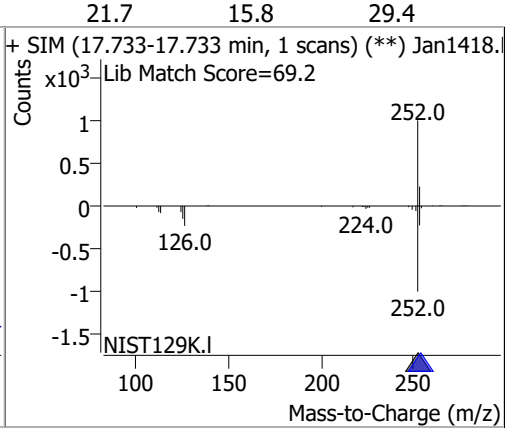




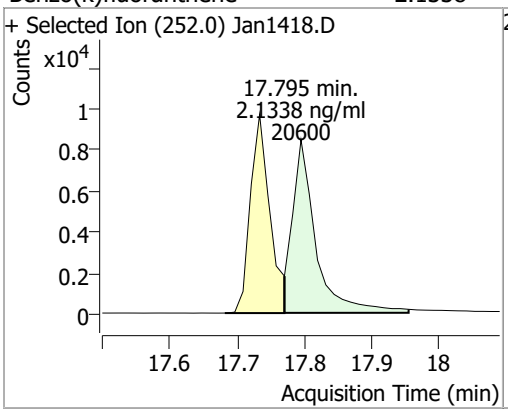
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	2.2877	17.73	0.00	19328	253.0	21.7	15.8	29.4

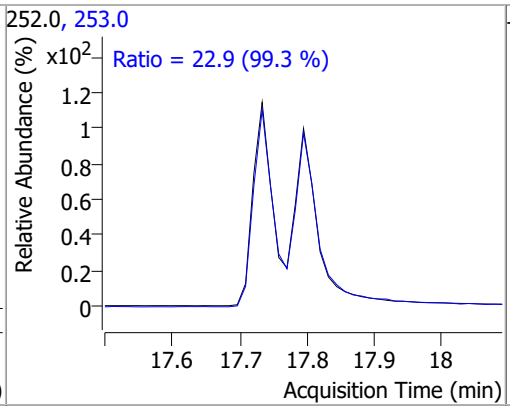


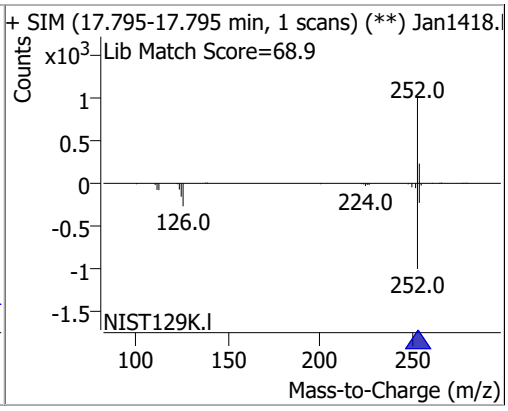




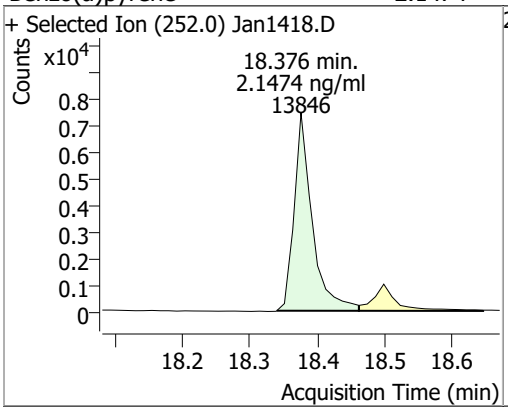
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	2.1338	17.80	0.00	20600	253.0	22.9	16.1	29.9

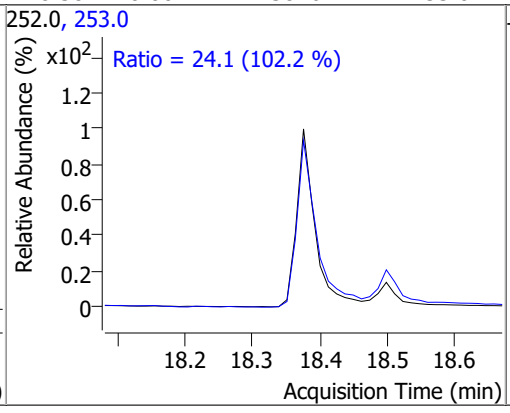


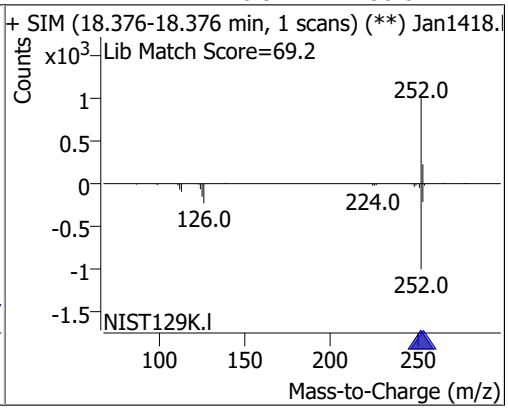




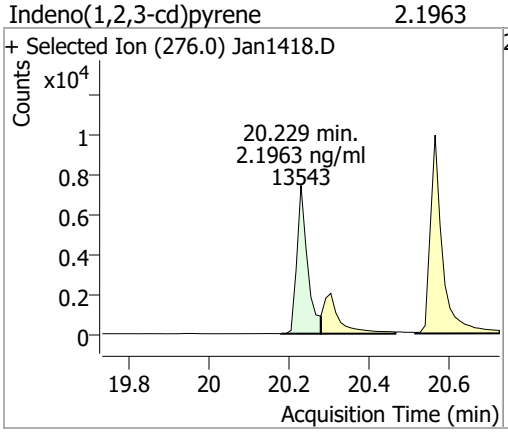
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	2.1474	18.38	0.00	13846	253.0	24.1	16.5	30.6

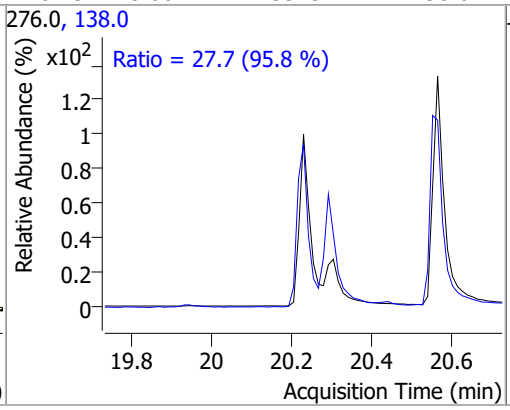


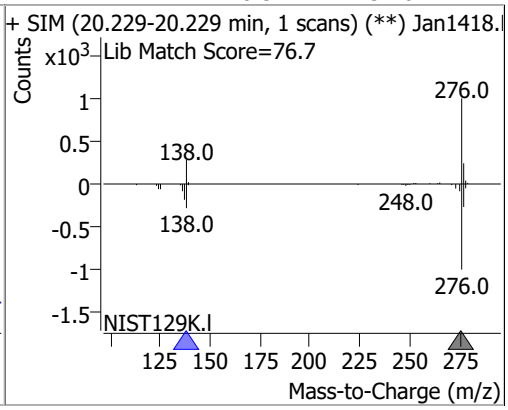




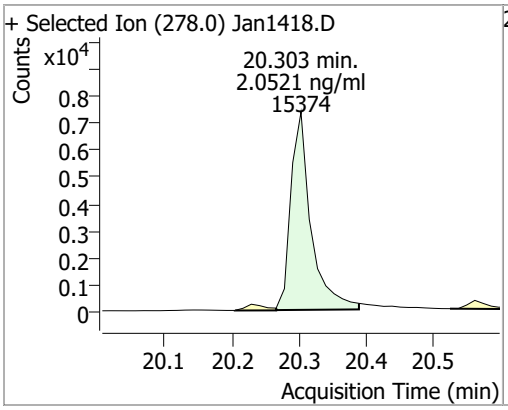
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	2.1963	20.23	0.00	13543	138.0	27.7	20.3	37.6

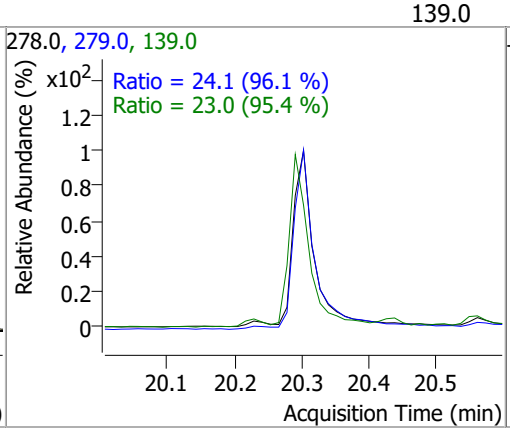


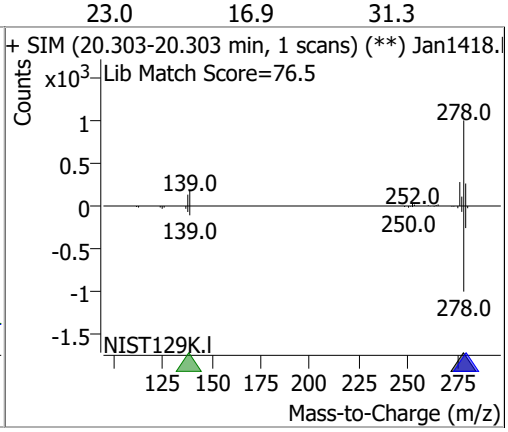




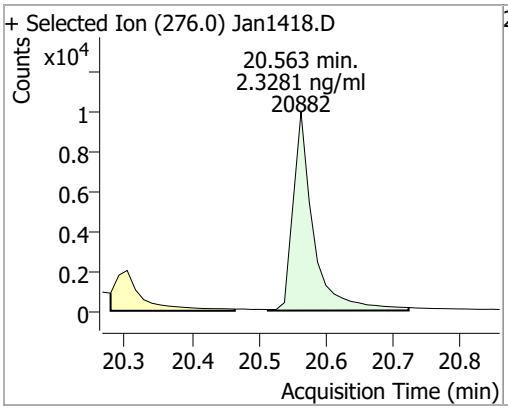
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	2.0521	20.30	0.00	15374	279.0	24.1	17.6	32.7
					139.0	23.0	16.9	31.3

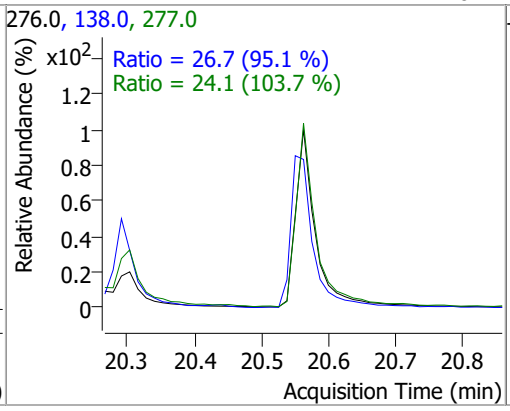


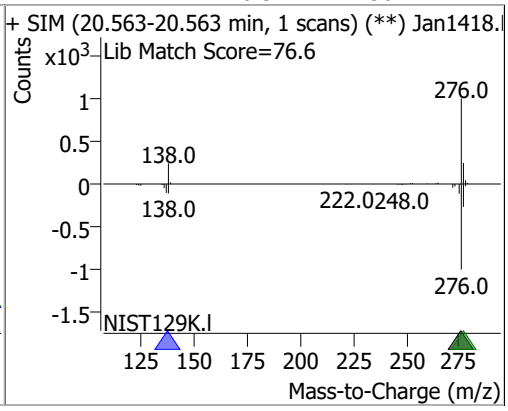




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	2.3281	20.56	0.00	20882	138.0	26.7	19.6	36.5
					277.0	24.1	16.3	30.2



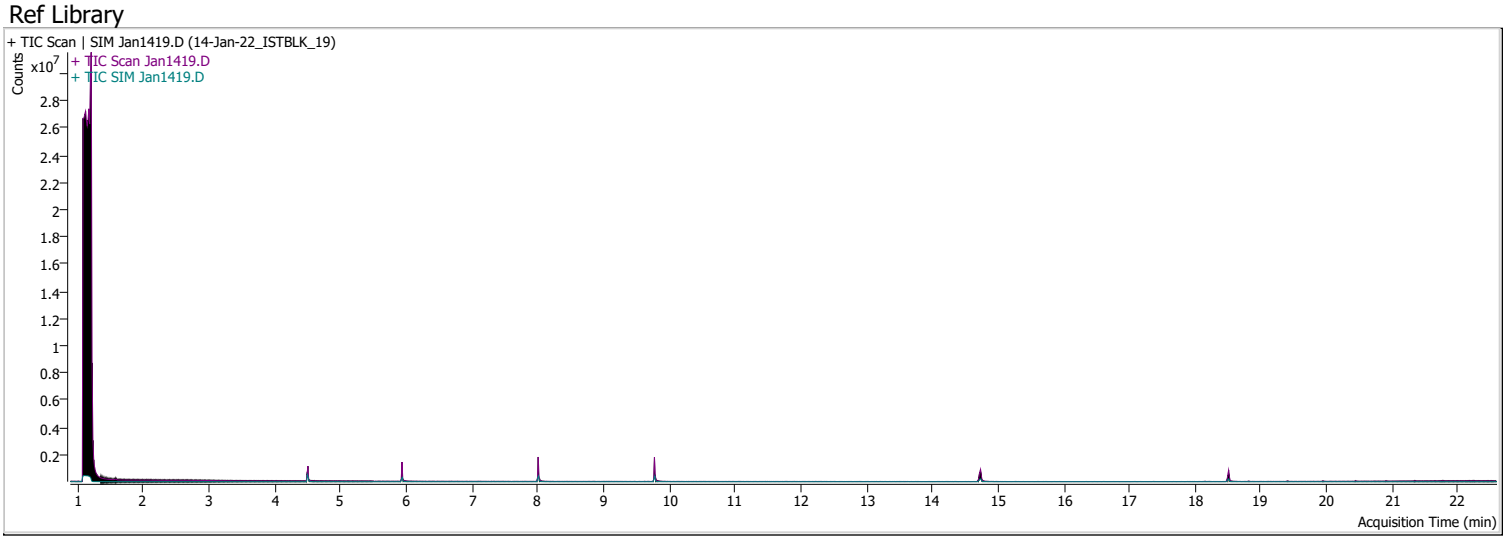




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

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			

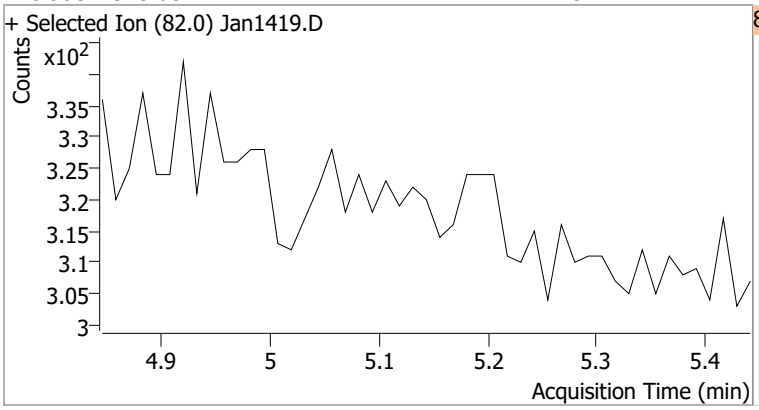


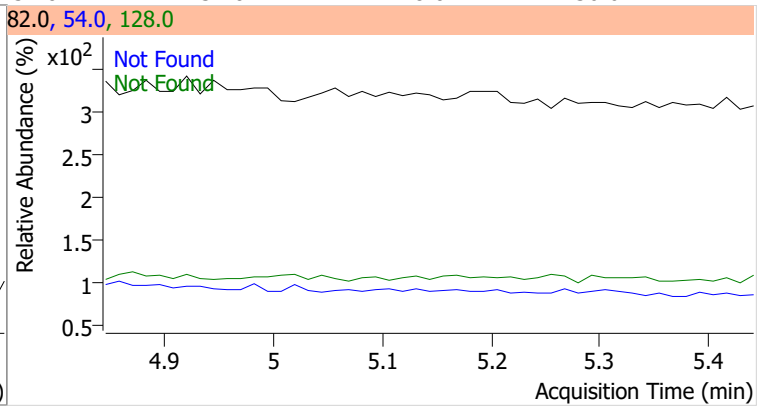
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.509	152.0	213281	40.0000	ng/ml		0.013
M Naphthalene-d8	5.941	136.0	399778	40.0000	ng/ml		0.000
M Acenaphthene-d10	8.013	164.0	229587	40.0000	ng/ml		0.013
M Phenanthrene-d10	9.780	188.0	467279	40.0000	ng/ml		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
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	0.000		0	N.D.			
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = NA%			
Target Compounds							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	8.038	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.			

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.			

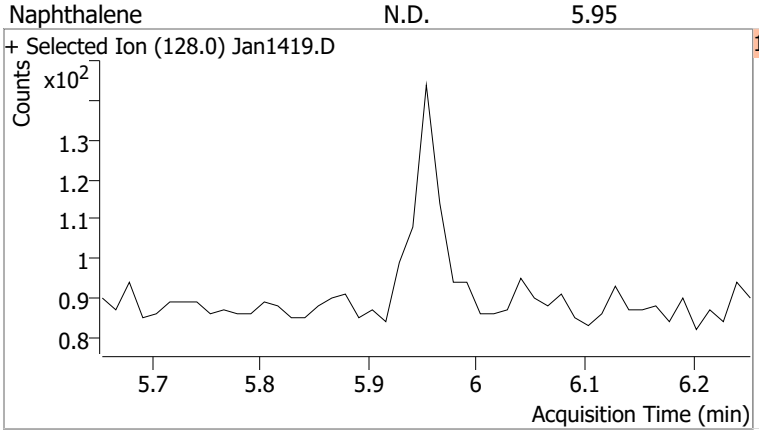
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

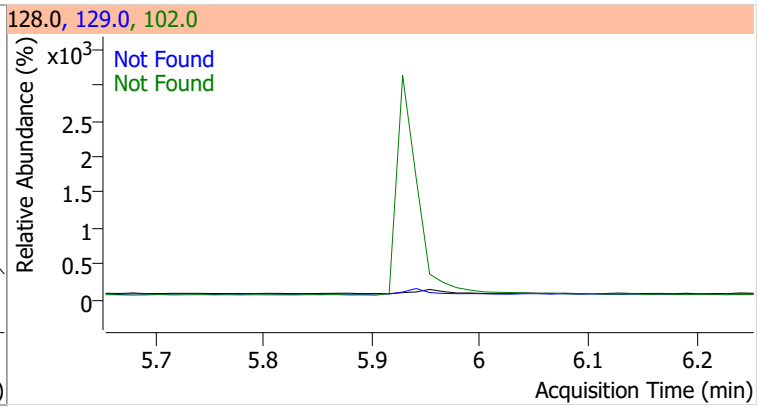
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Nitrobenzene-d5	N.D.	5.14	54.0	37.0	128.0	36.6



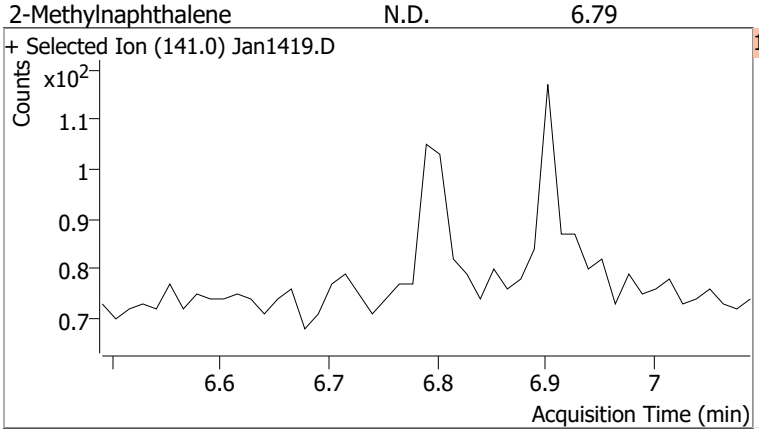


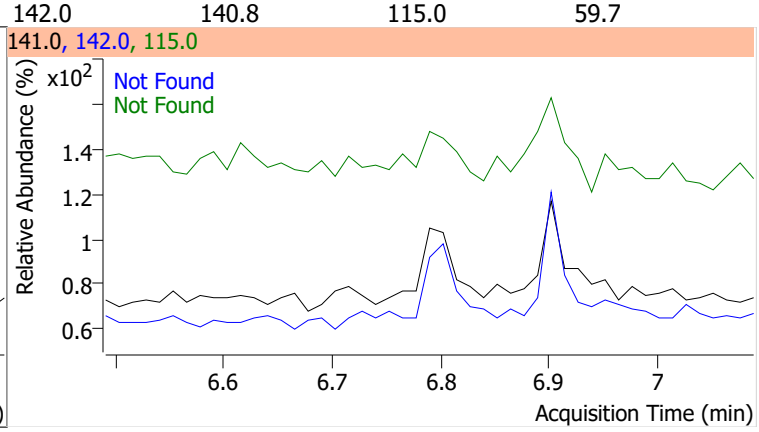
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



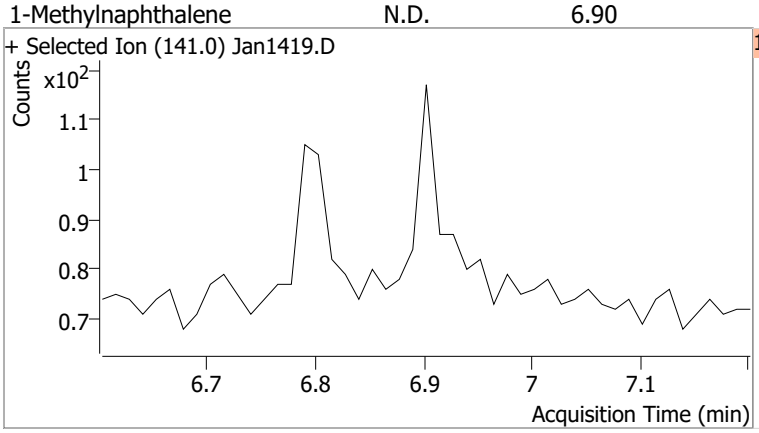


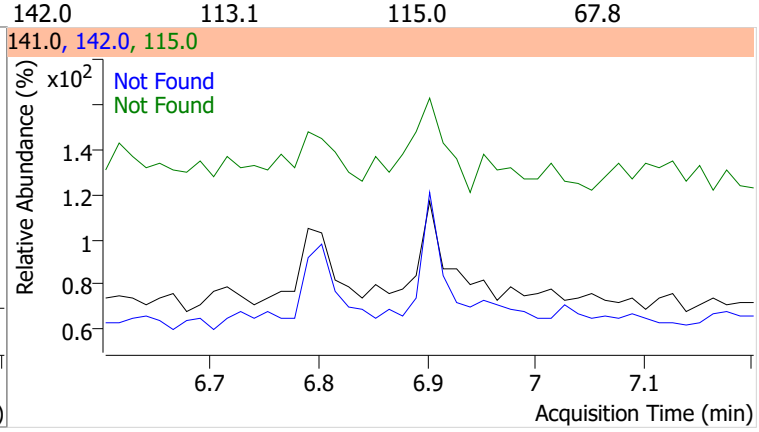
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



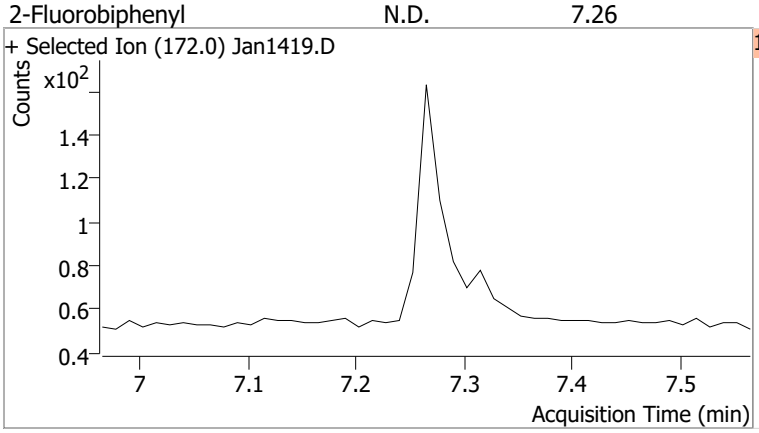


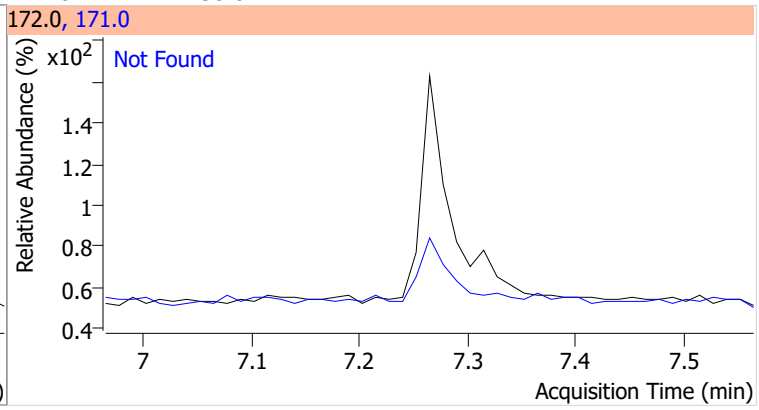
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8



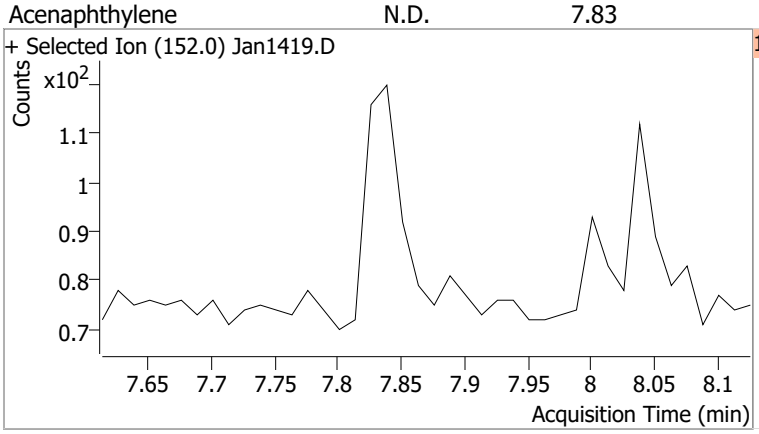


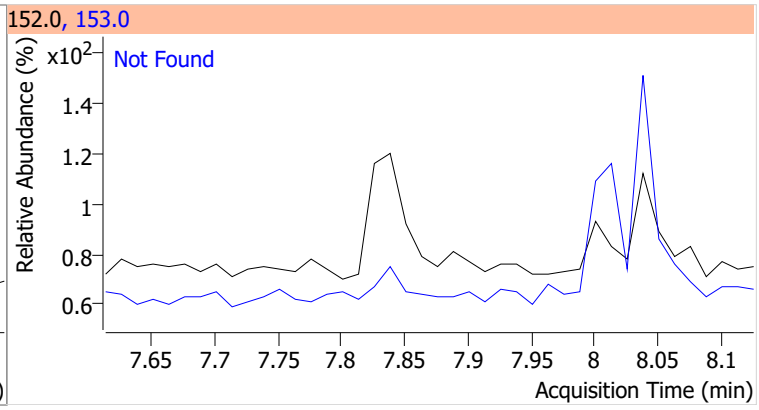
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Fluorobiphenyl	N.D.	7.26	171.0	38.0



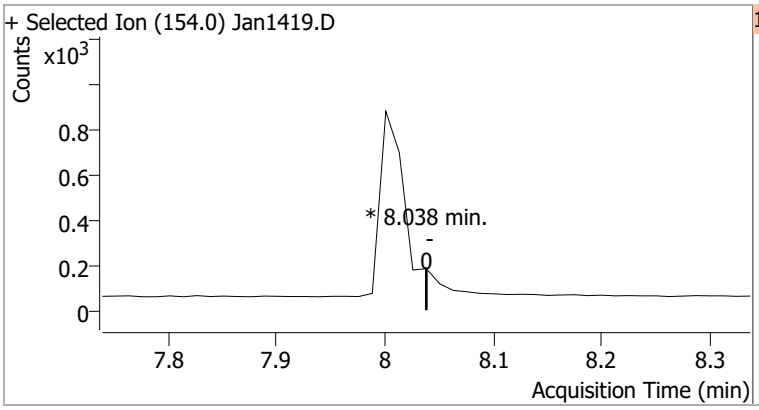


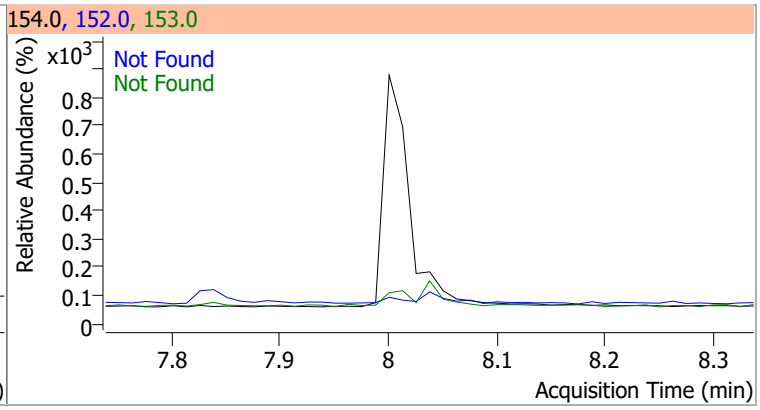
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



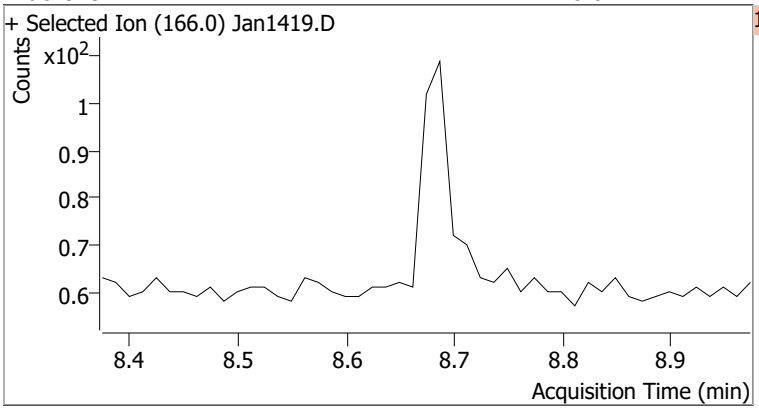


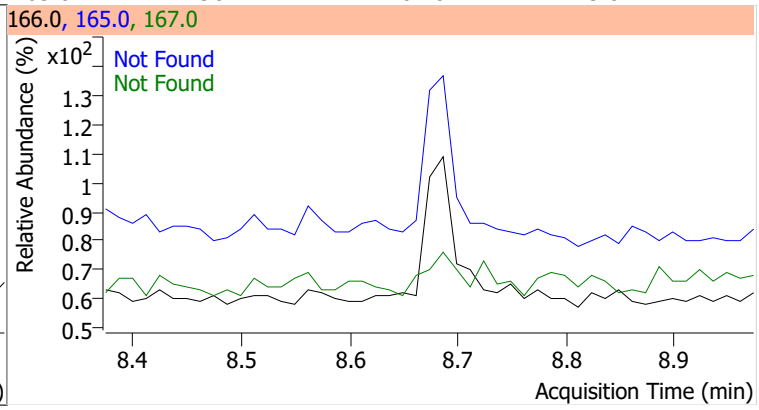
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1



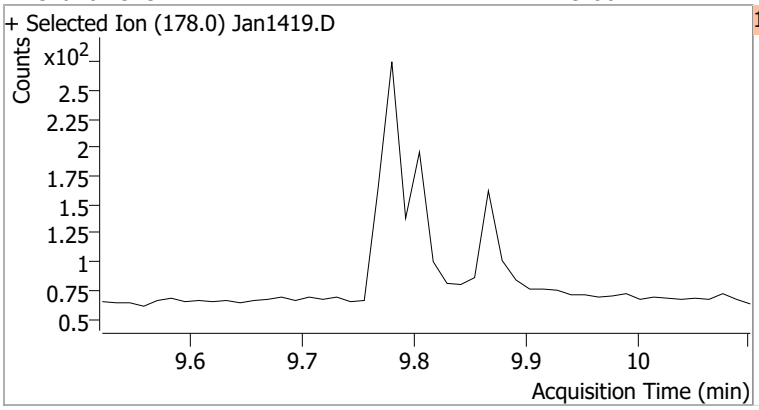


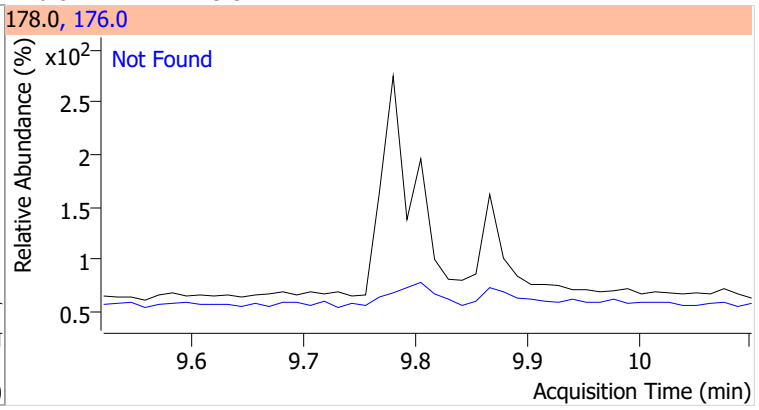
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Fluorene	N.D.	8.67	165.0	98.7	167.0	13.8



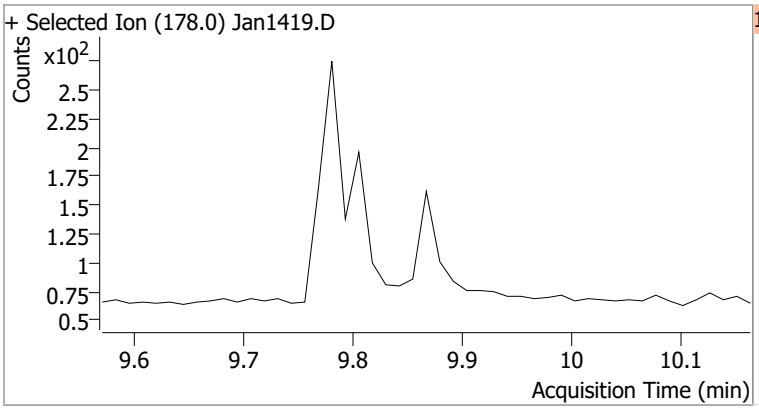


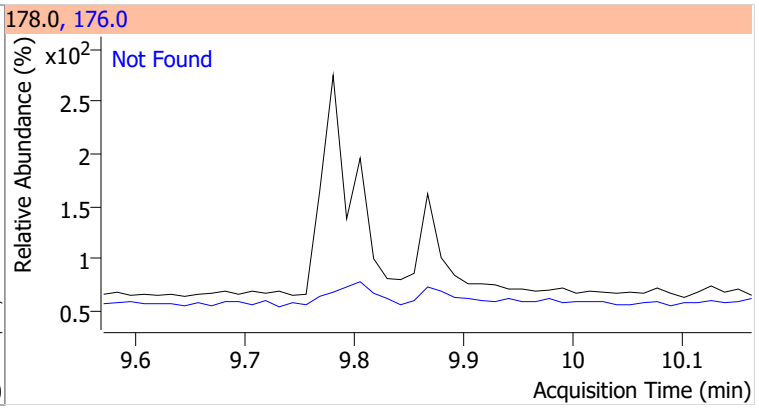
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



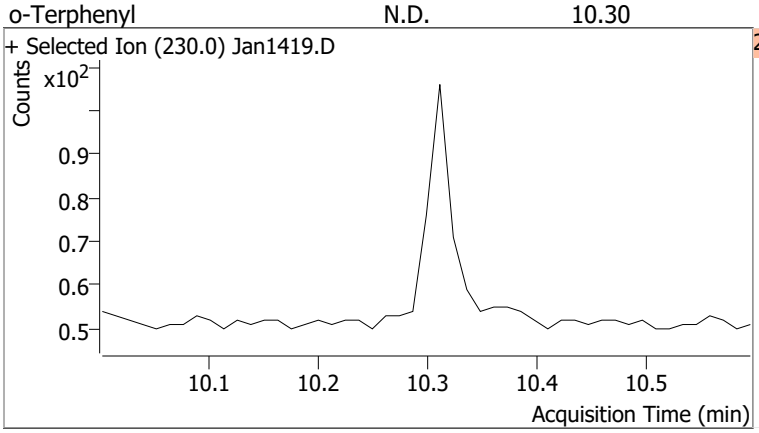


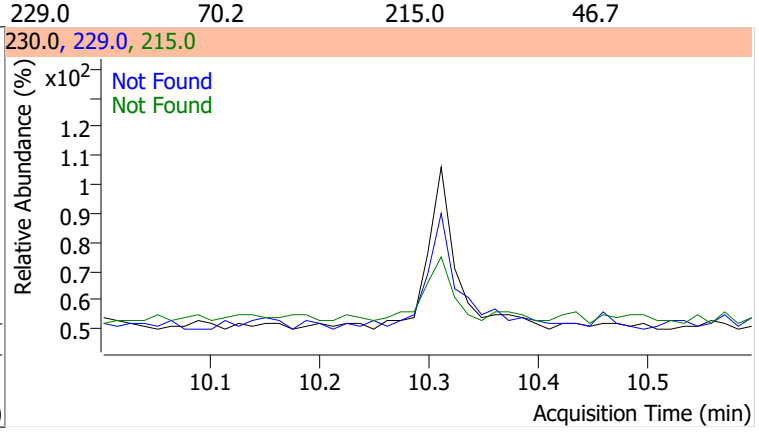
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.87	176.0	18.1



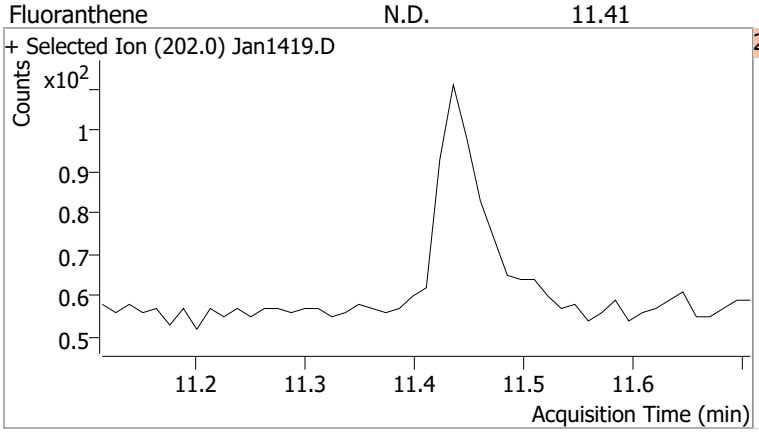


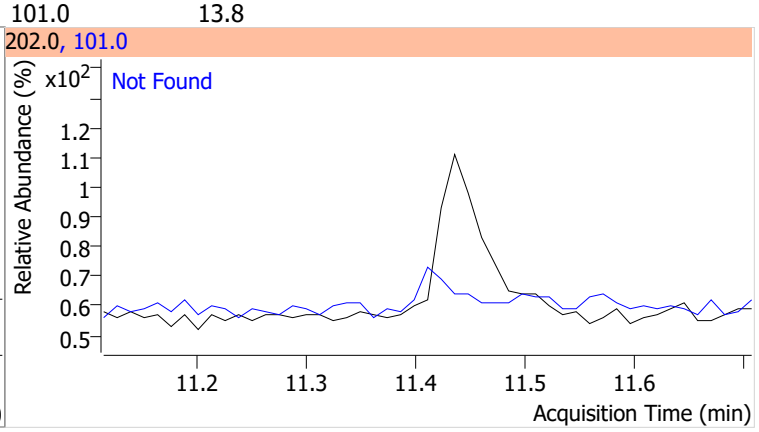
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	70.2	215.0	46.7



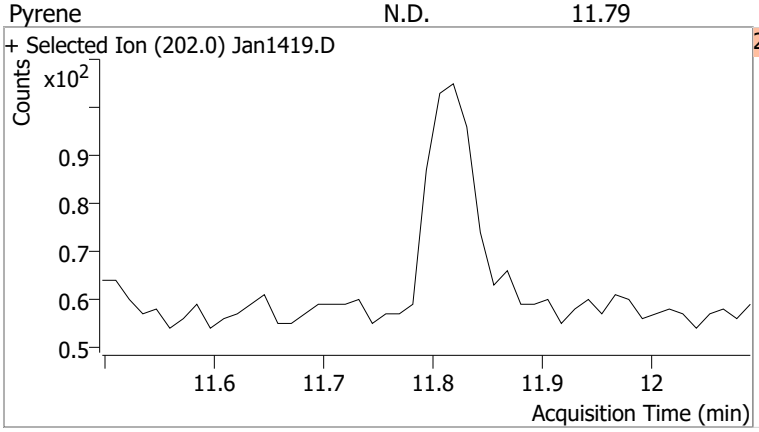


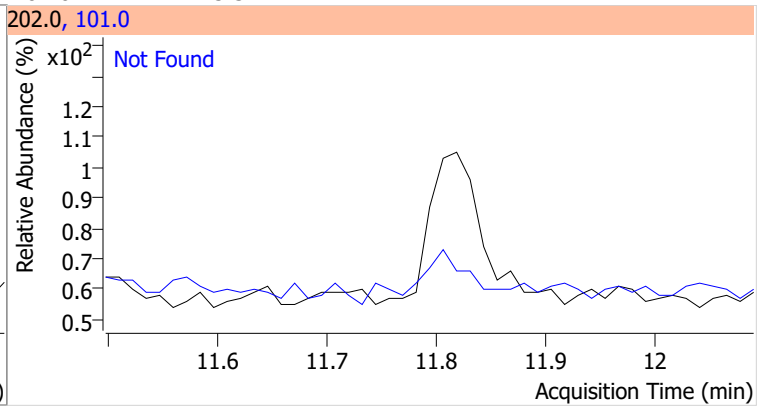
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8



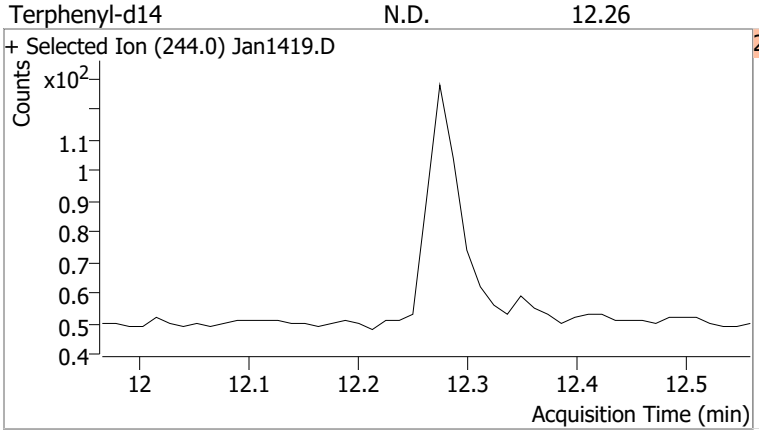


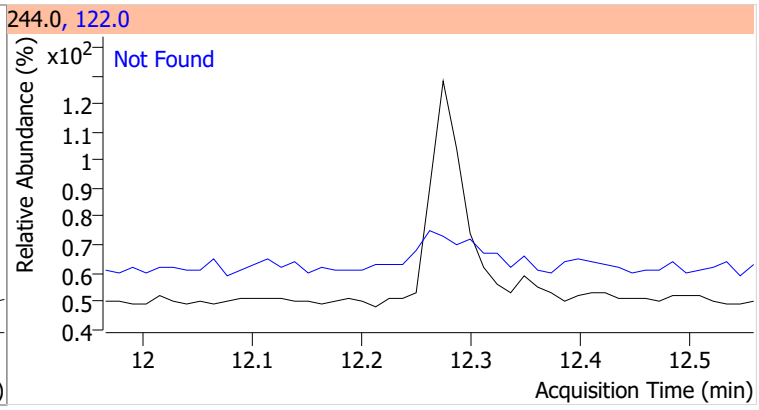
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.79	101.0	15.3



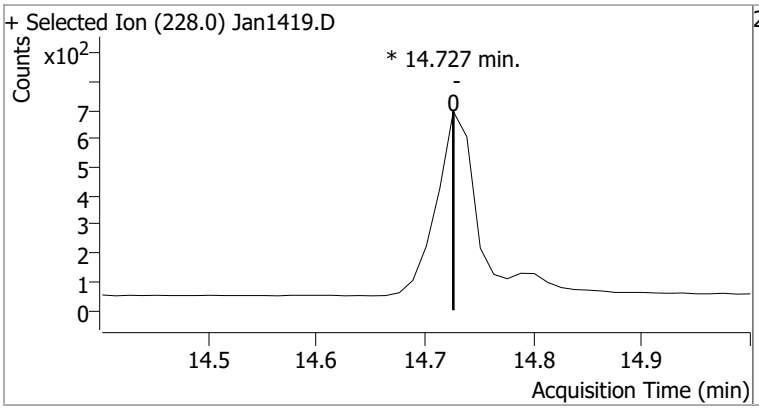


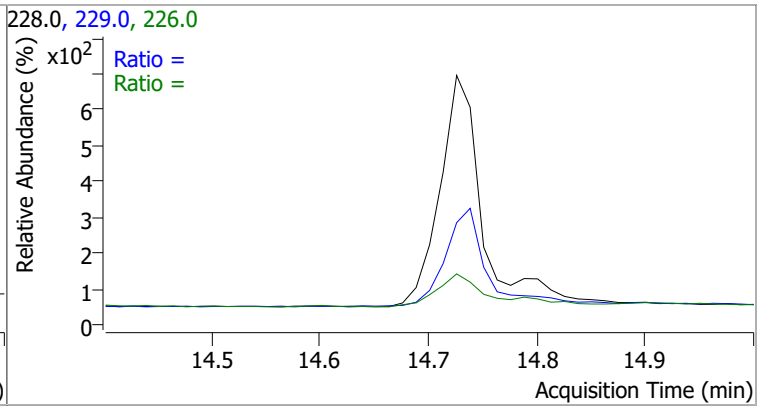
Compound	Conc.	Exp RT	QIon	Exp Ratio
Terphenyl-d14	N.D.	12.26	122.0	19.2



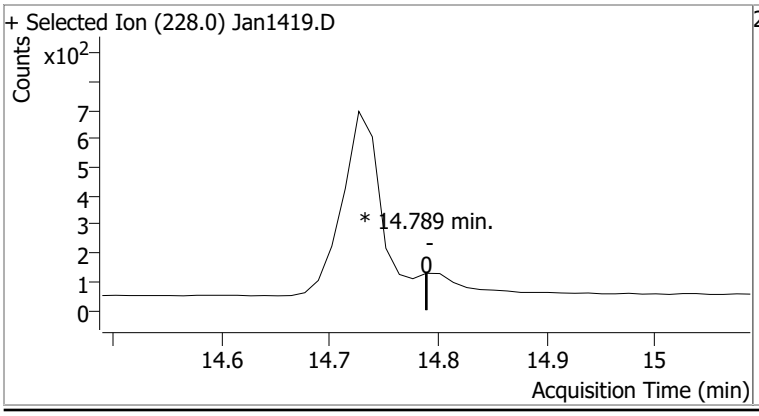


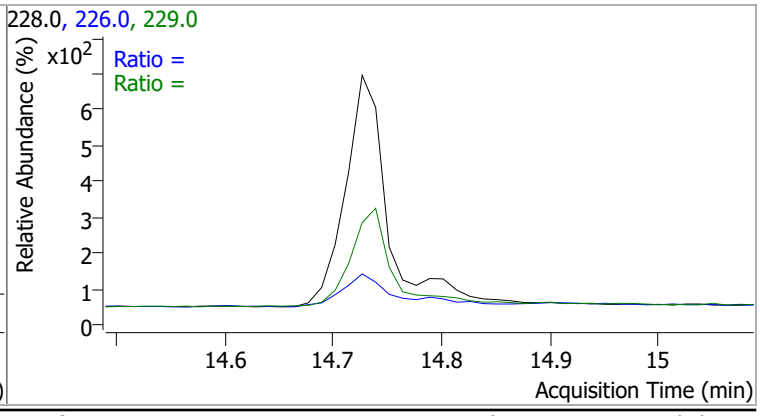
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene		0		0	226.0		18.9	35.1
					229.0		16.1	29.9



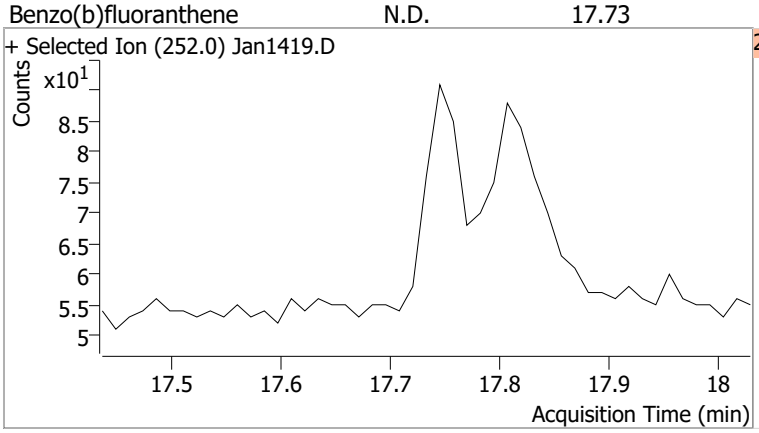


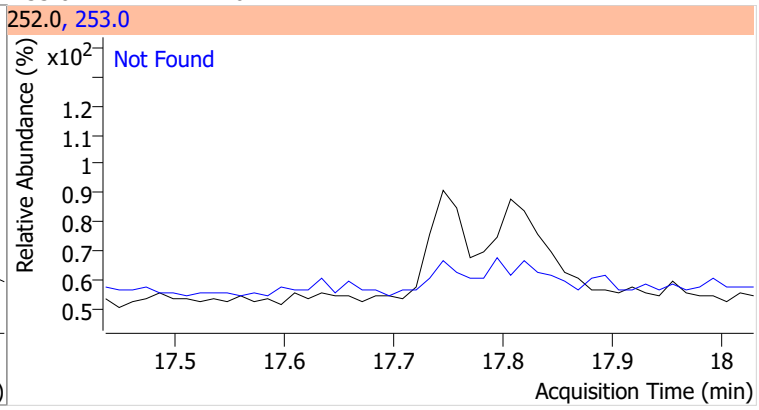
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene		0		0	226.0		21.2	39.4
					229.0		15.0	27.8



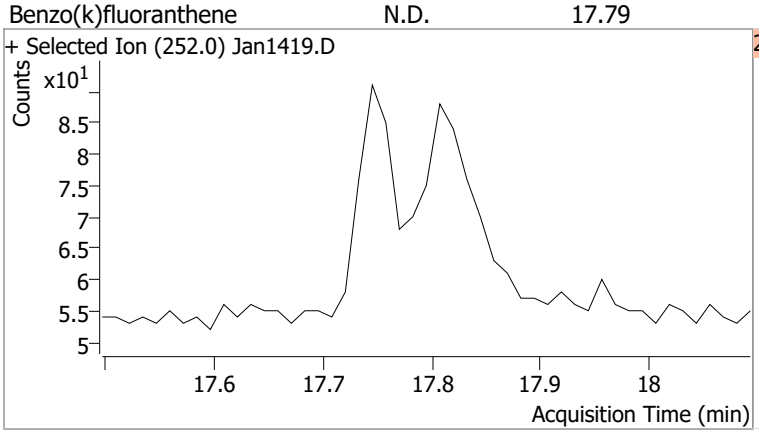


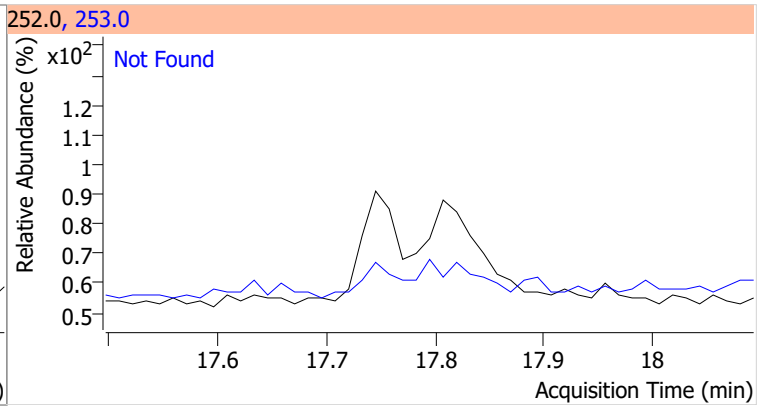
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



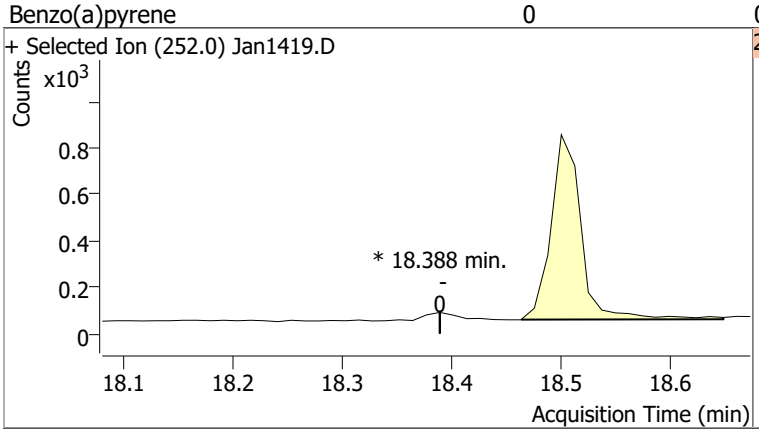


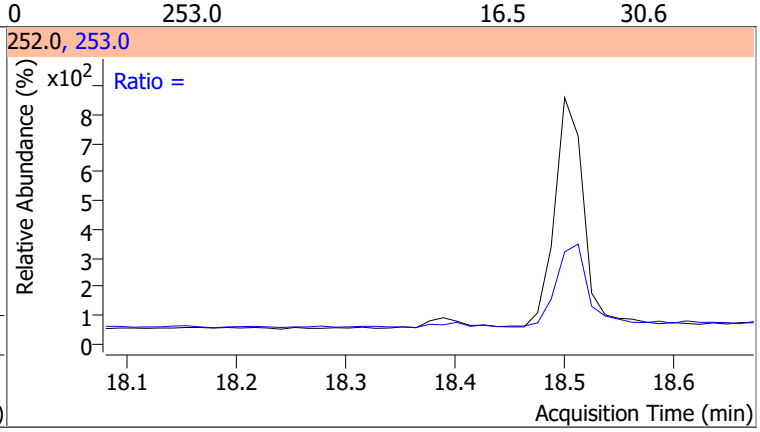
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



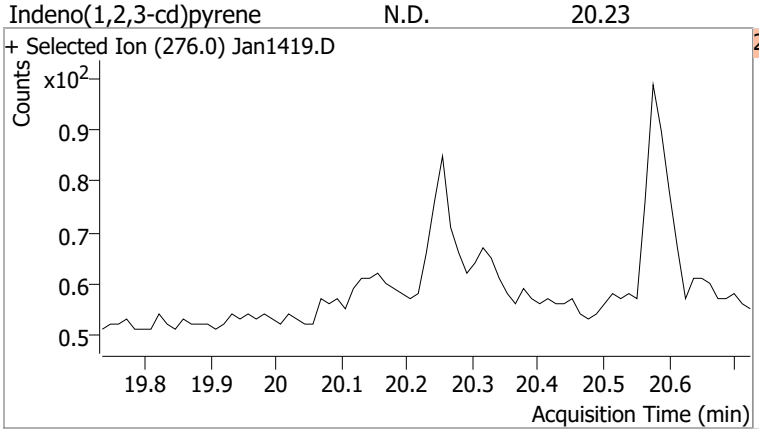


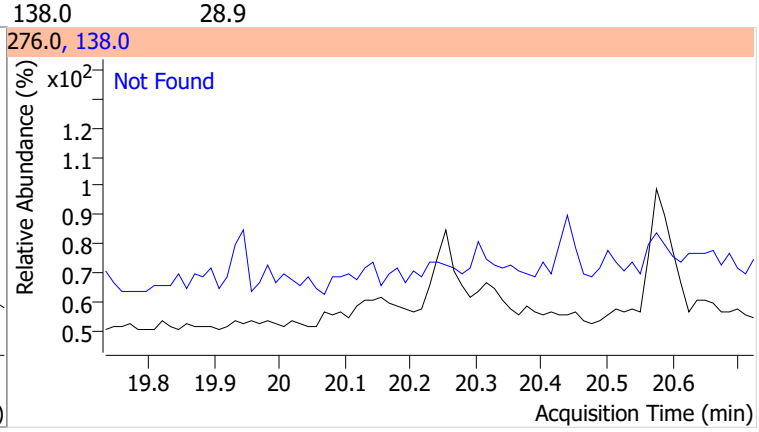
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



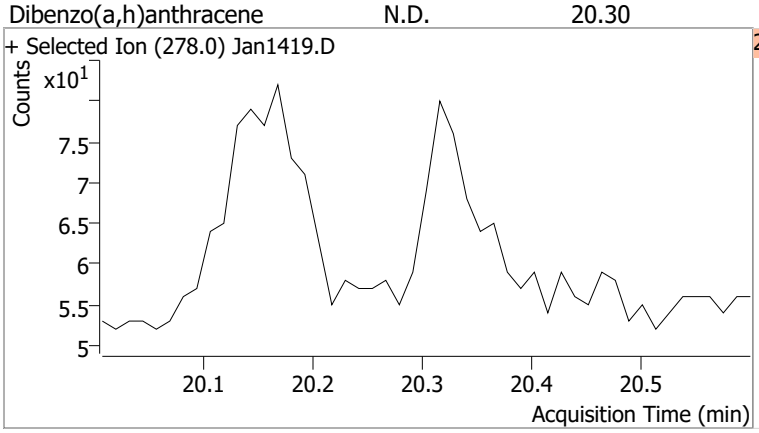


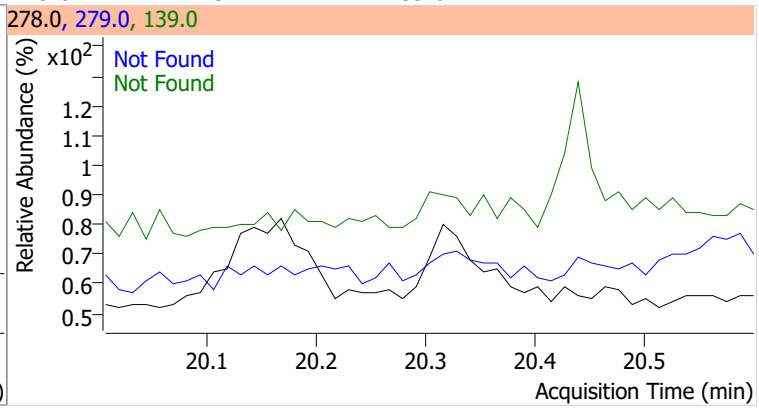
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



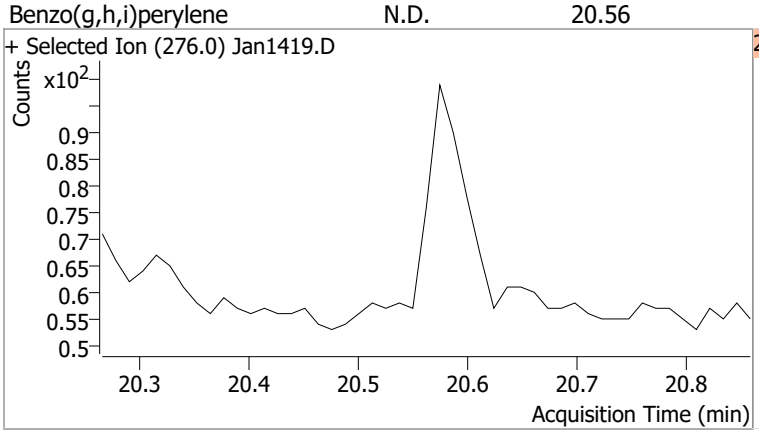


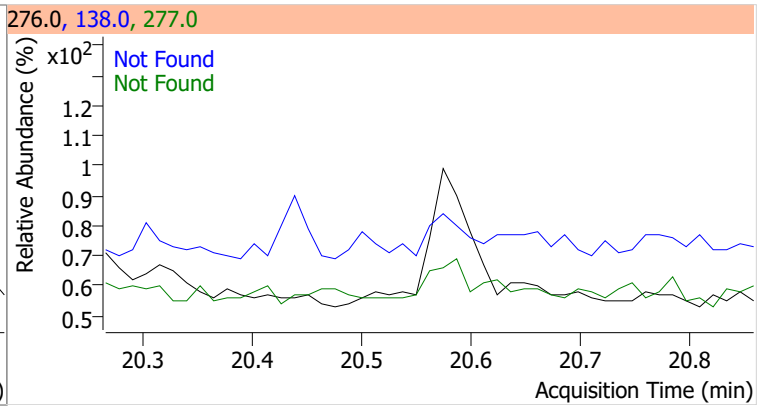
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1





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			✓	

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			✓	
CmdManuallyIntegrate QualifierPeak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/17/2022 8:29:34 AM	Manually integrate qualifier153.0 of compound Acenaphthylene in sample Jan1413.D from x, y = 7.813, 1143 to 7.876, 2758; result = -4349			✓	

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 =			✓	

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\sh011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin			✓	

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			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	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.			✓	

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.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	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.			✓	
CmdManuallyIntegrateS napBaseline	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrateA pplyTargetRtToQualifier	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.			✓	
CmdManuallyIntegrateS plit	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.			✓	
CmdManuallyIntegrateP eak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdSetTargetCompoun dAttribute	BL2000\jheine	1/17/2022 8:39:59 AM	Set UserAnnotation = CO for compound Acenaphthene in sample Jan1416.D; previous value =			✓	

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.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/17/2022 8:41:35 AM	Manually integrate qualifier142.0 of compound 2-Methylnaphthalene in sample Jan1417.D from x, y = 6.765, 80 to 6.877, 88; result = 665			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrateP eak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	

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 qualifier153.0 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.			✓	

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 =			✓	

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.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/17/2022 8:44:02 AM	Manually integrate qualifier226.0 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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/17/2022 8:44:10 AM	Manually integrate qualifier229.0 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.			✓	
CmdManuallyIntegrate DropBaseline	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			✓	

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 qualifier253.0 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.			✓	

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.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate DropBaseline	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 =			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/17/2022 8:45:22 AM	Manually integrate qualifier277.0 of compound Benzo(g,h,i)perylene in sample Jan1417.D from x, y = 20.526, 56 to 20.637, 60; result = 192			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrateP eak	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			✓	
CmdManuallyIntegrate DropBaseline	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 =			✓	
CmdManuallyIntegrate QualifierPeak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/17/2022 8:45:44 AM	Manually integrate qualifier128.0 of compound Nitrobenzene-d5 in sample Jan1417.D from x, y = 5.131, 108 to 5.205, 109; result = 59			✓	

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 qualifier171.0 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 qualifier229.0 of compound o-Terphenyl in sample Jan1417.D from x, y = 10.287, 55 to 10.385, 57; result = 396			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/17/2022 8:46:42 AM	Manually integrate qualifier215.0 of compound o-Terphenyl in sample Jan1417.D from x, y = 10.287, 55 to 10.385, 55; result = 270			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	

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.			✓	

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,			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			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,				

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			✓	

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			✓	

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			✓	

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			✓	

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			✓	

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			✓	

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			✓	

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			✓	

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			✓	

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			✓	

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			✓	

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			✓	

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\sh011422\2 e8270c bna SIM\Jan1429.D, \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1428.D, \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1427.D, \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1426.D, \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1425.D, \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1424.D, \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1423.D, \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1422.D, \\MASSHUNTER\Org\Data\SV5975.I\sh011422\2 e8270c bna SIM\Jan1421.D, \\MASSHUNTER\Org\Data\SV5975.I\sh011422\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 =			✓	

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			✓	

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.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/17/2022 8:59:56 AM	Manually integrate qualifier142.0 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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate DropBaseline	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			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/17/2022 9:02:47 AM	Manually integrate qualifier153.0 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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	

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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	

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			✓	

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			✓	

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.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSnapBaseline	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.			✓	
CmdManuallyIntegrateDropBaseline	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.			✓	
CmdManuallyIntegrateQualifierPeak	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.			✓	
CmdManuallyIntegrateDropBaseline	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.			✓	
CmdManuallyIntegrateQualifierPeak	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.			✓	
CmdManuallyIntegrateDropBaseline	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.			✓	
CmdManuallyIntegratePeak	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.			✓	

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			✓	

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			✓	

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			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	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.			✓	
CmdManuallyIntegrate DropBaseline	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			✓	
CmdManuallyIntegrateP eak	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.			✓	
CmdManuallyIntegrateS napBaseline	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.			✓	
CmdManuallyIntegrate DropBaseline	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\sh 011422\2 e8270c bna SIM\QuantResults\011422 bna SIM 2.batch.bin			✓	

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			✓	

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\GCMSSEMI 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\GCMSSEMI Report Templates\Calibration\lcsspike_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\GCMSSEMI 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\GCMSSEMI Report Templates\Calibration\Gen_ResultsSummary.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\GCMSSEMI Report Templates\Calibration\Env_QuantResults_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_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\sh012522	1/25/2022 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\sh012522	1/25/2022 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\sh012522	1/25/2022 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\sh012522	1/25/2022 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\sh012522	1/25/2022 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\sh012521	1/25/2022 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\sh012521	1/25/2022 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\sh012522	1/25/2022 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	LCSD-DOD	V5975.I\sh012522	1/25/2022 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\sh012522	1/25/2022 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\sh012522	1/25/2022 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\sh012522	1/25/2022 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\sh012522	1/25/2022 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	V5975.I\sh012522	1/25/2022 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	V5975.I\sh012522	1/25/2022 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	V5975.I\sh012522	1/25/2022 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	V5975.I\sh012522	1/25/2022 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	V5975.I\sh012522	1/25/2022 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	V5975.I\sh012522	1/25/2022 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\sh012522	1/25/2022 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\sh012522	1/25/2022 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\sh012521	1/25/2022 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\sh012521	1/25/2022 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\sh012522	1/25/2022 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\sh012522	1/25/2022 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\sh012522	1/25/2022 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\sh012522	1/25/2022 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	V5975.I\sh012522	1/25/2022 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	V5975.I\sh012522	1/25/2022 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	V5975.I\sh012522	1/25/2022 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	V5975.I\sh012522	1/25/2022 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	V5975.I\sh012522	1/25/2022 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_CCV	SVOC-8270C-SI	CCV	V5975.I\sh012522	1/25/2022 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\sh012522	1/25/2022 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\sh012522	1/25/2022 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\sh012522	1/25/2022 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-	LCSD	V5975.I\sh012522	1/25/2022 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
15044418	LLCSD-162980	SVOC-8270-W-	LCSD	V5975.I\sh012522	1/25/2022 3:56:3	1	162980	1/17/2022	1	0	0

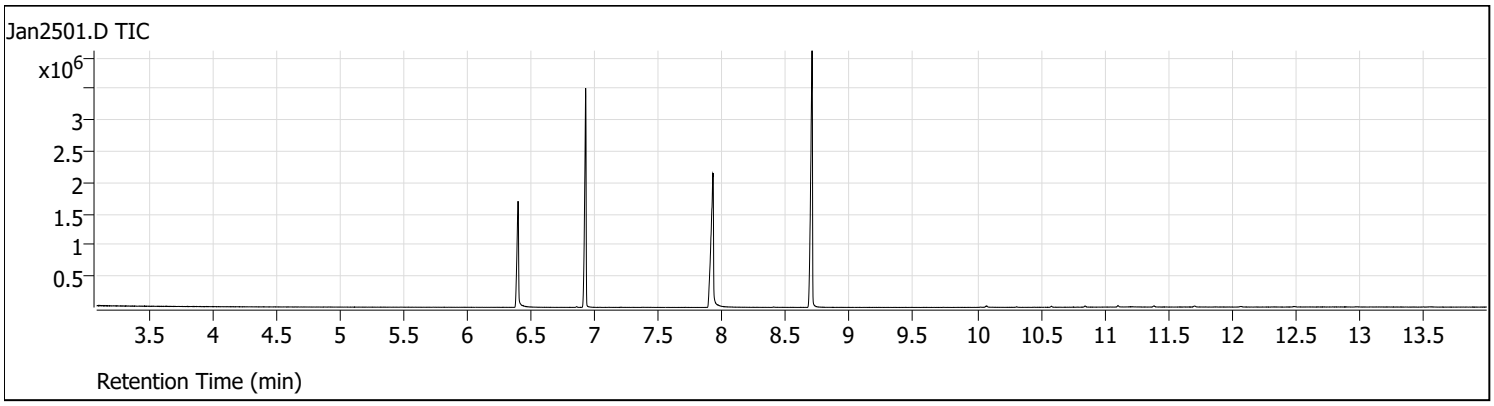
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Terphenyl-d14	S	ug/L	5.15027	5.15027		5	0	0	0.0563	0.1	10	103%	39	106	0%	
o-Terphenyl	X	ug/L	4.26049	4.26049		5	0	0	0.0654	0.1	10	85%	40	140	0%	

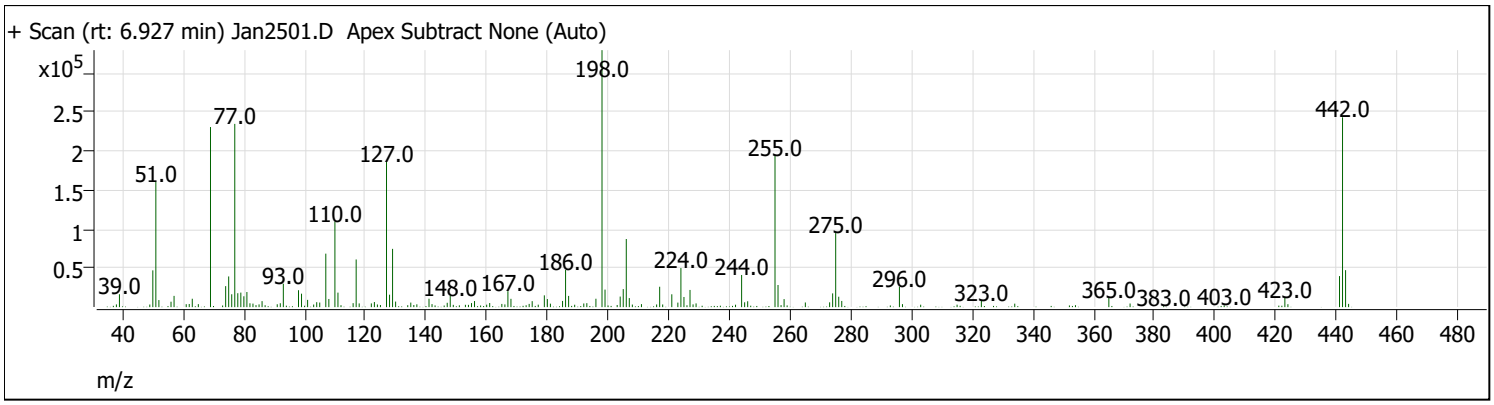
Write Sequence | Insert Entries(Have the first cell for entries selecte

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

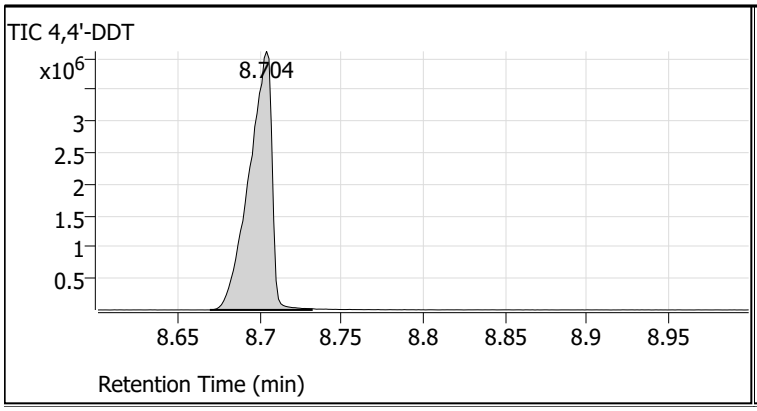
Data Path:	\\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2501.D
Acq on:	1/25/2022 10:40:06 AM
Operator:	LIMS import
Sample:	25-Jan-22_TUNE_1
Inst Name:	GCMS
ALS Vial:	1
Method:	\\MASSHUNTER\Org\Data\SV5975.I\Methods\DFTPP5975625.m

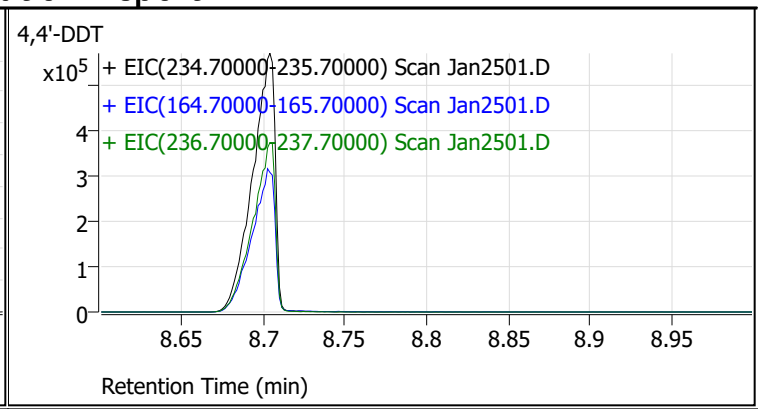


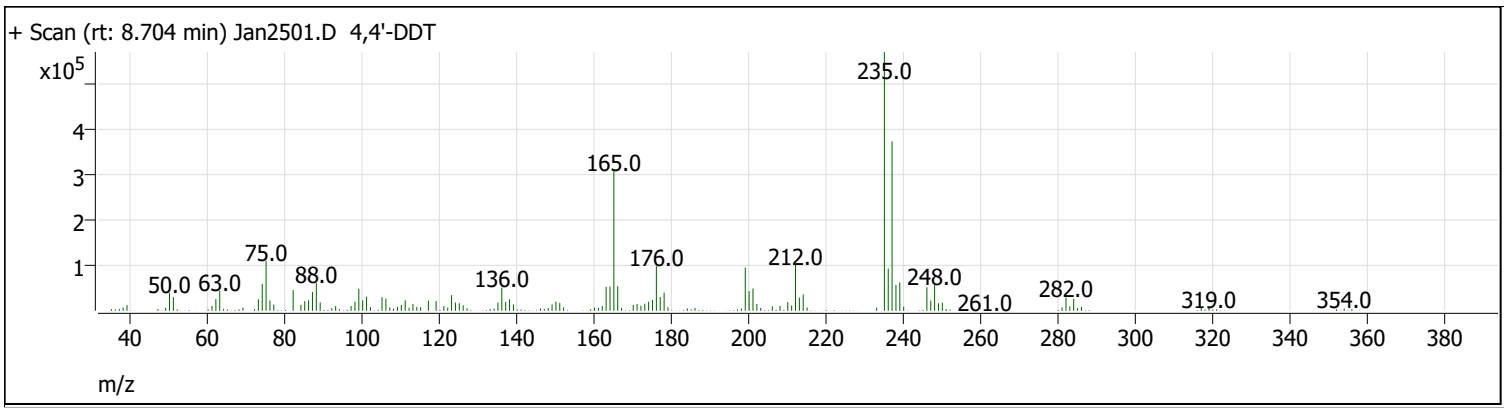


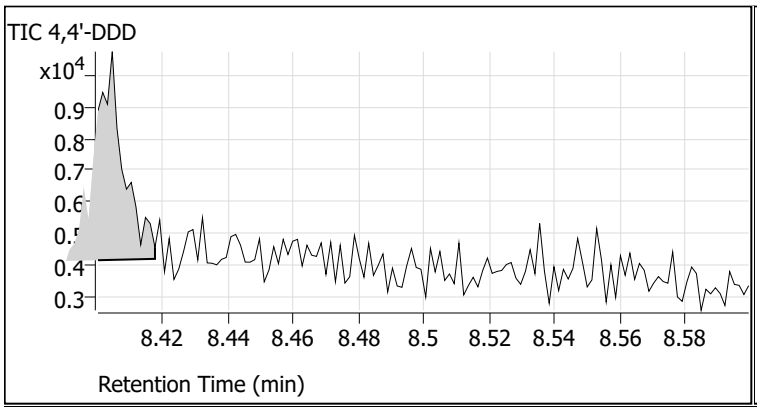
Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
51	198	30	60	48.7	160192	Pass
68	69	0	2	0.0	0	Pass
70	69	0	2	0.6	1450	Pass
127	198	40	60	56.5	185984	Pass
197	198	0	1	0.0	0	Pass
198	198	100	100	100.0	328960	Pass
199	198	5	9	6.8	22448	Pass
275	198	10	30	28.8	94776	Pass
365	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

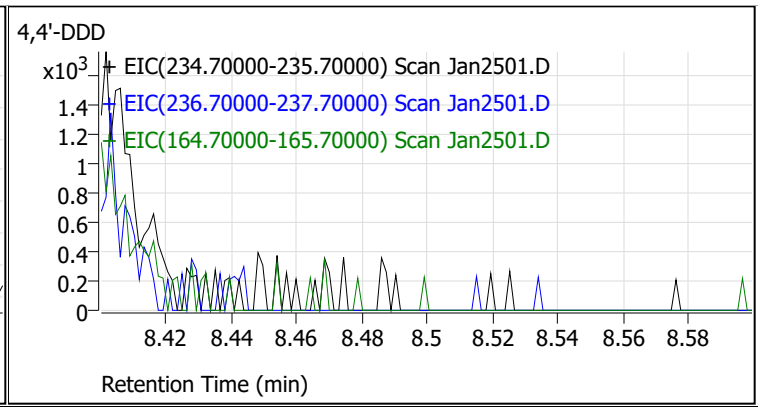
Tune Evaluation Report

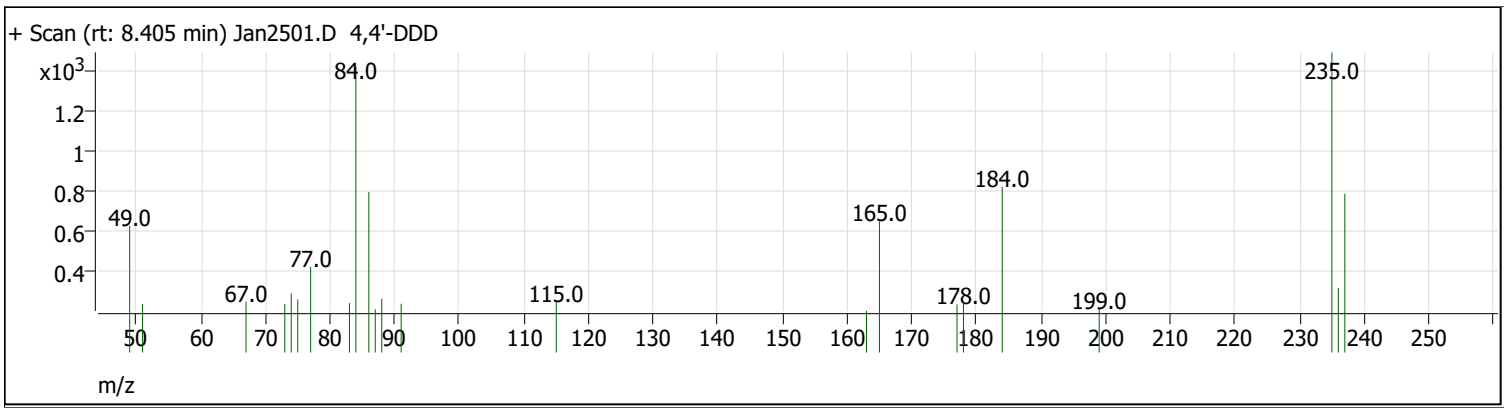


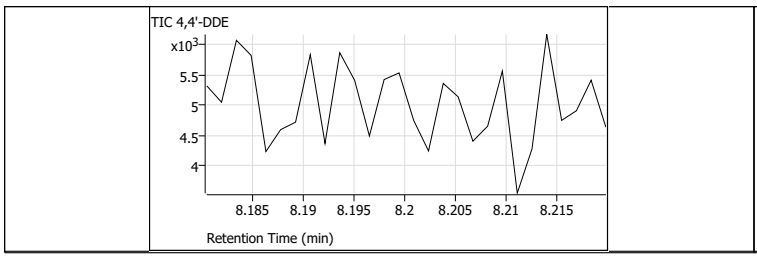


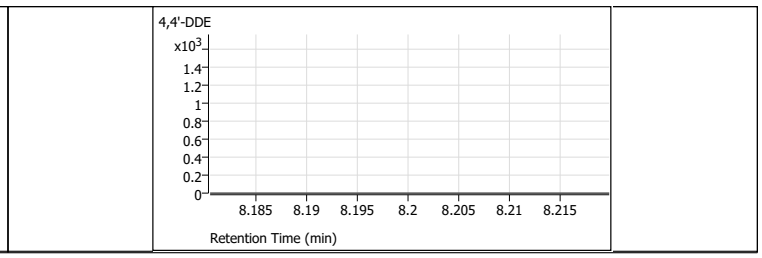




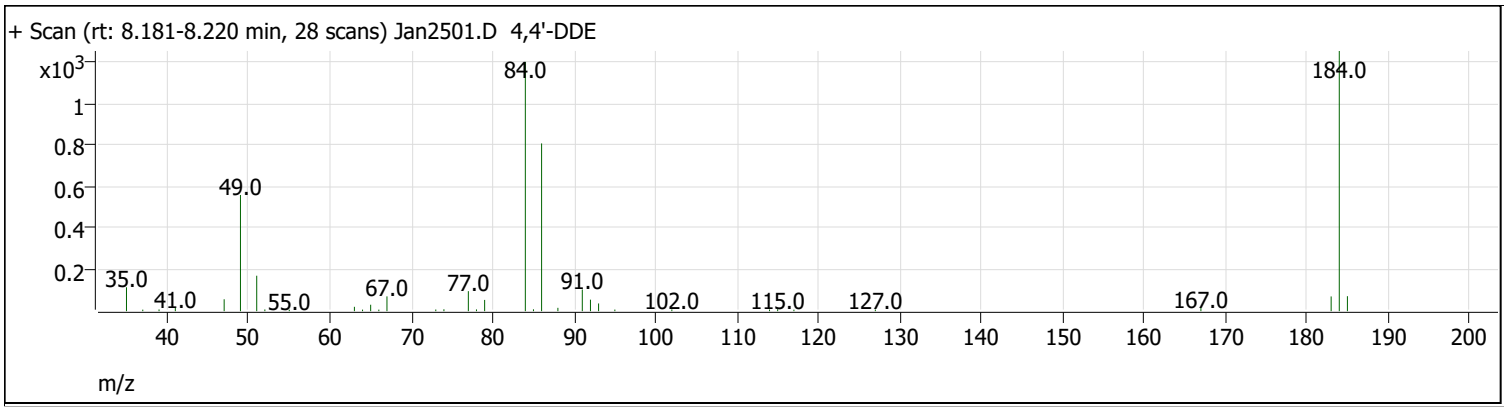






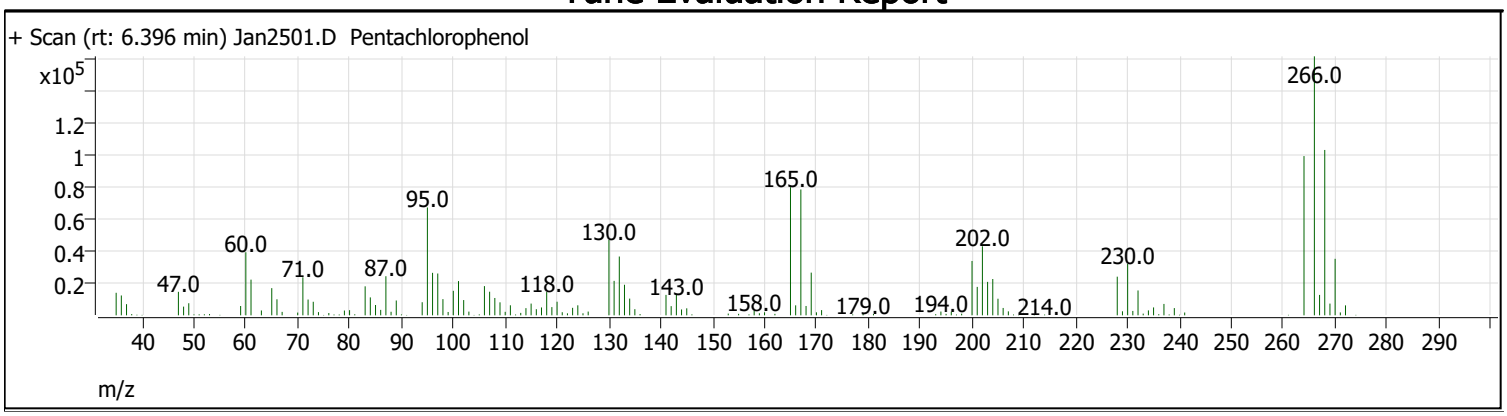


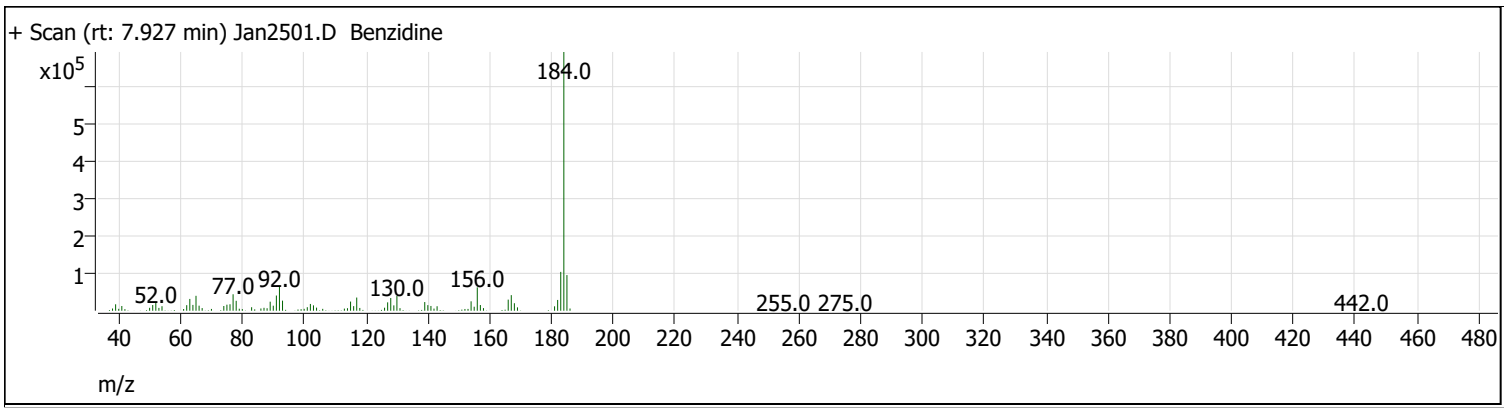
Tune Evaluation Report



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



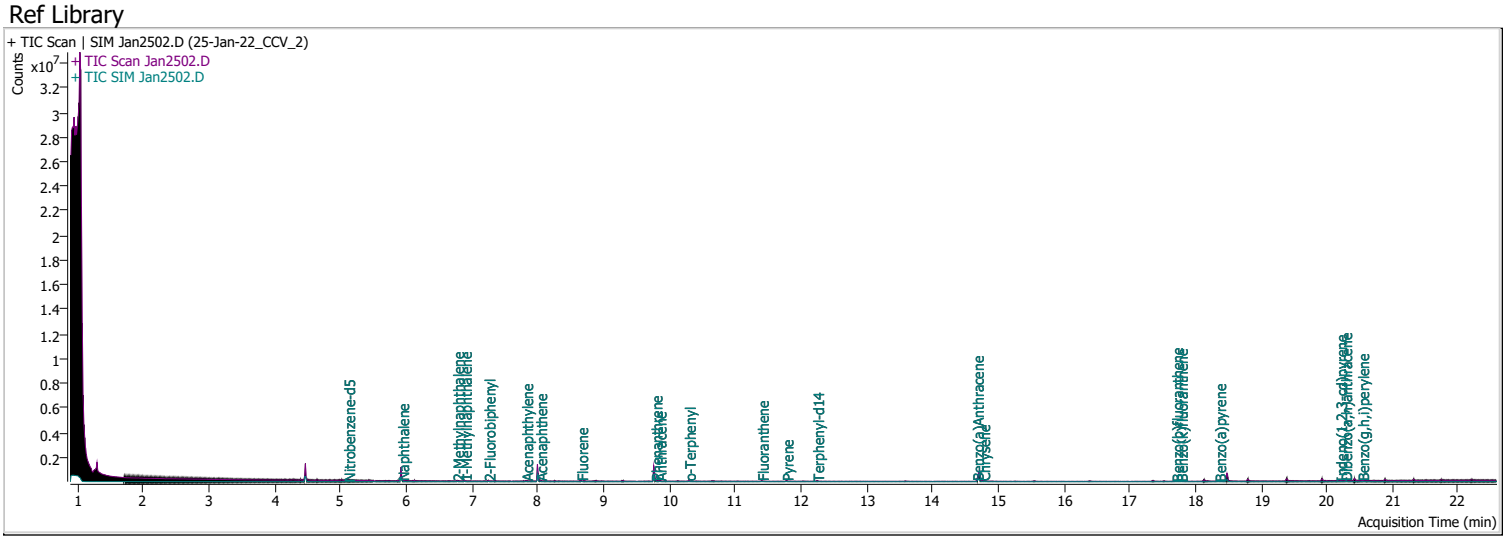


Compound Name	Expected RT	Observed RT	Tailing Factor	PGF	Pass/Fail
Pentachlorophenol	6.800	6.396	0.5	0.4	Pass
Benzidine	8.400	7.927	0.2	0.2	Pass

Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

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			

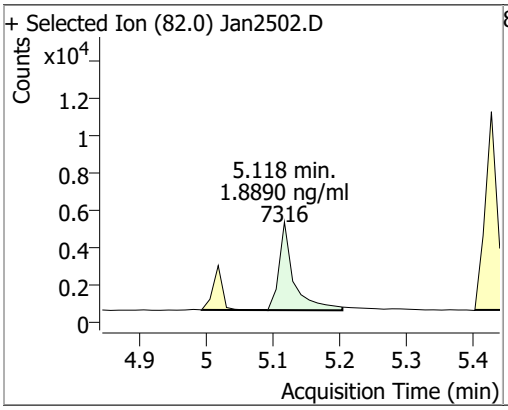


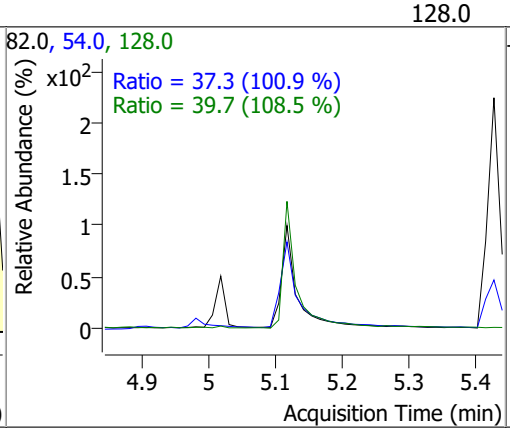
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	203724	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	385965	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.000	164.0	212800	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	451369	40.0000	ng/ml		-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
System Monitoring Compounds							
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%			
Target Compounds							**QValue**
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

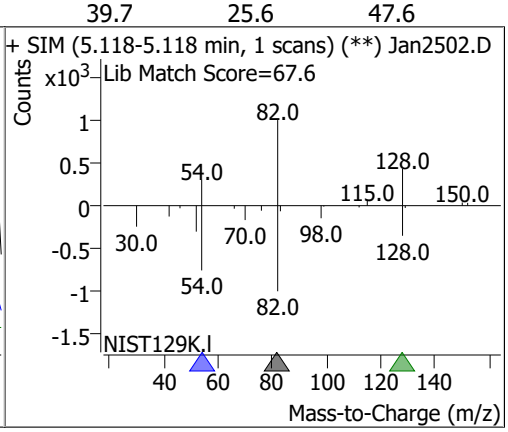
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.783	252.0	20653	1.9137	ng/ml	96
T Benzo(a)pyrene	18.363	252.0	16076	2.2233	ng/ml	97
T Indeno(1,2,3-cd)pyrene	20.204	276.0	14815	2.1488	ng/ml	97
T Dibenzo(a,h)anthracene	20.279	278.0	16885	2.0133	ng/ml	95
T Benzo(g,h,i)perylene	20.538	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

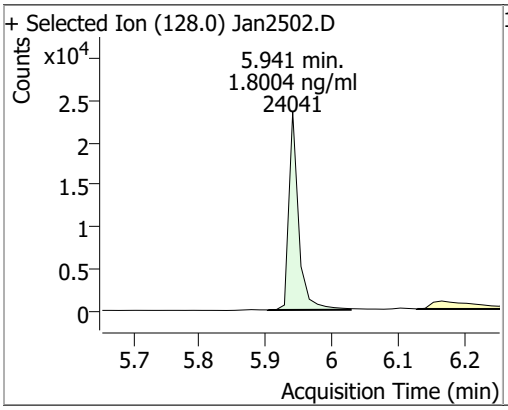
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	1.8890	5.12	-0.02	7316	54.0	37.3	25.9	48.1
					128.0	39.7	25.6	47.6

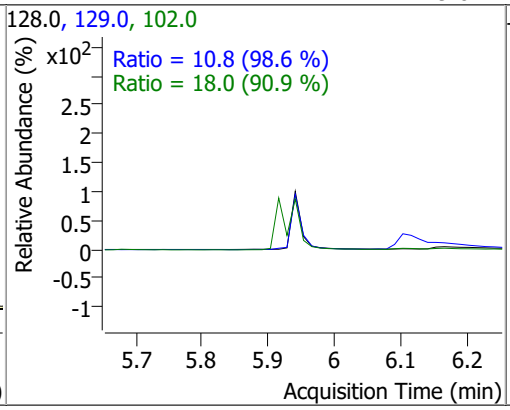


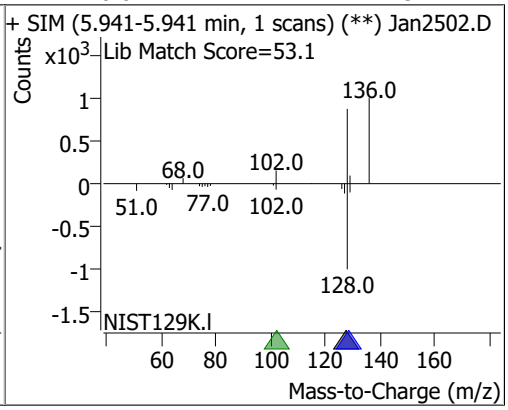




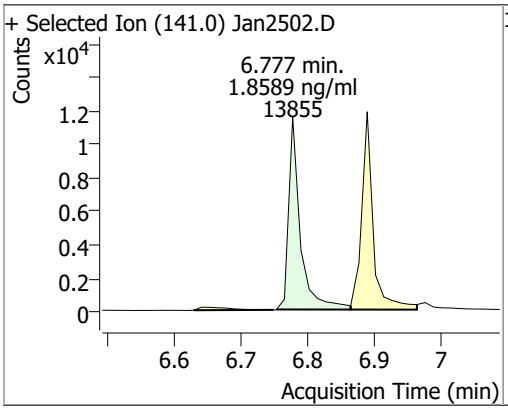
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	1.8004	5.94	-0.01	24041	102.0	18.0	0.0	59.6
					129.0	10.8	7.7	14.3

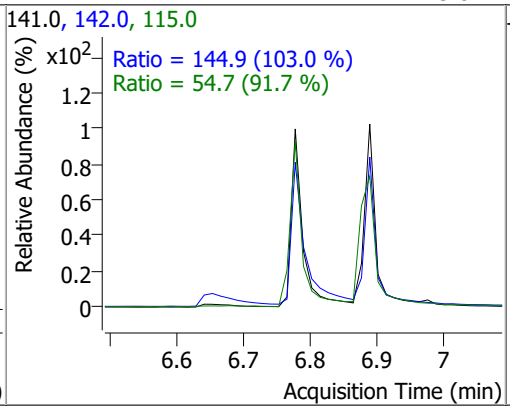


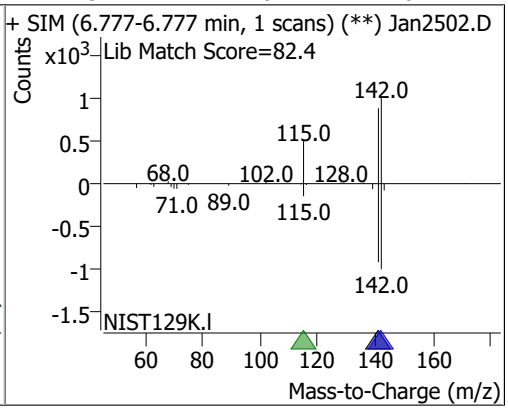




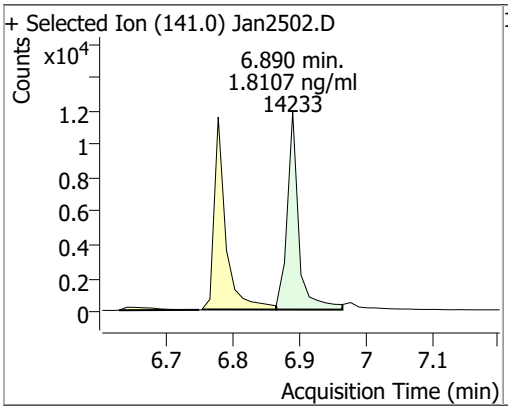
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	1.8589	6.78	-0.01	13855	142.0	144.9	98.5	183.0
					115.0	54.7	41.8	77.6

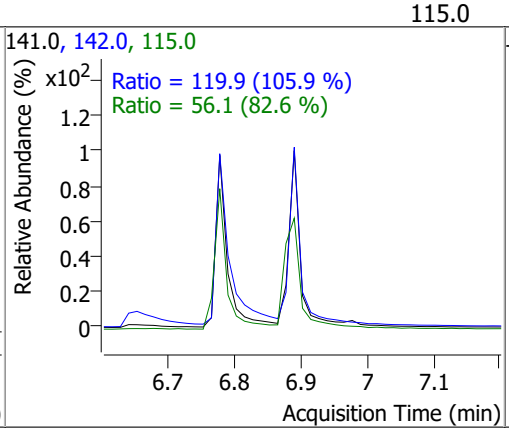


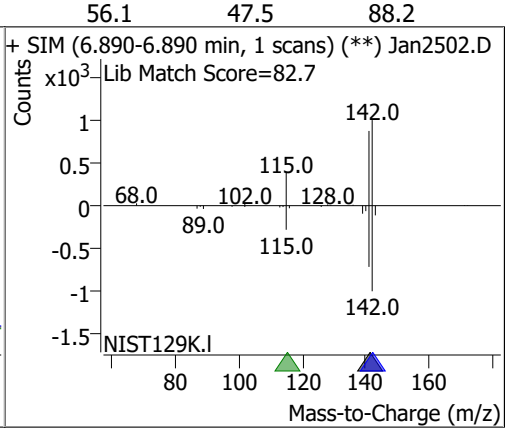




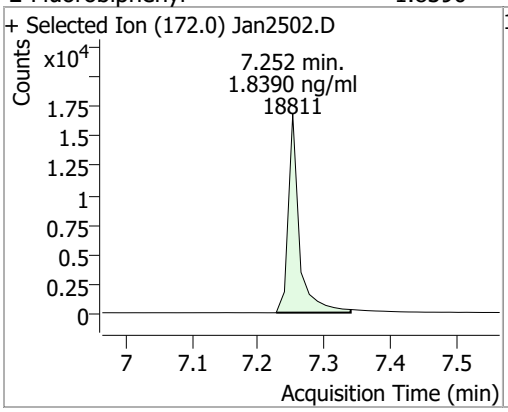
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	1.8107	6.89	-0.01	14233	142.0	119.9	79.2	147.1
					115.0	56.1	47.5	88.2

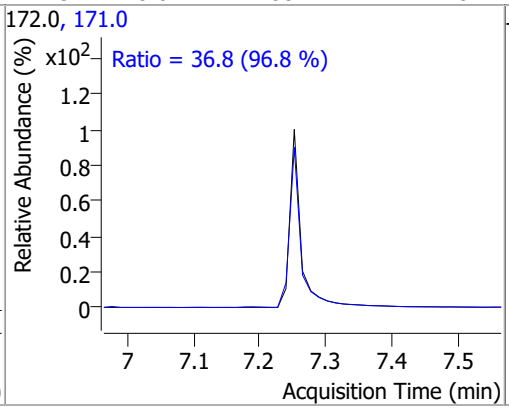


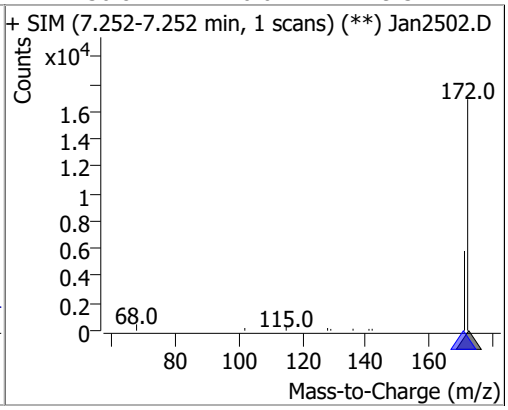




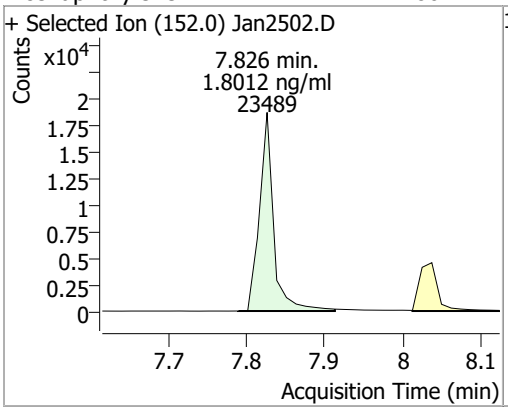
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	1.8390	7.25	-0.01	18811	171.0	36.8	26.6	49.5

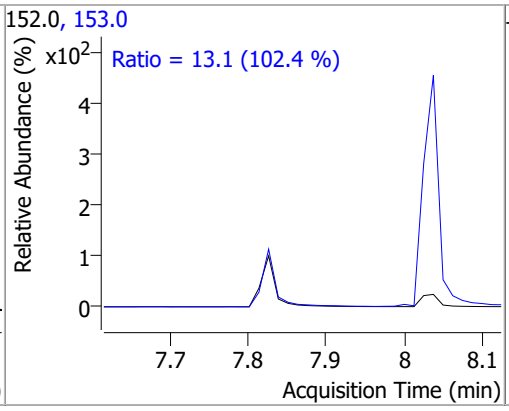


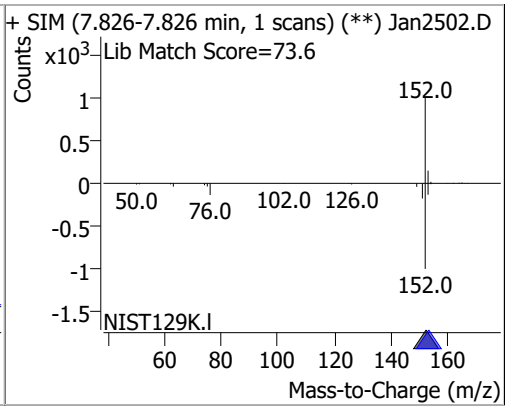




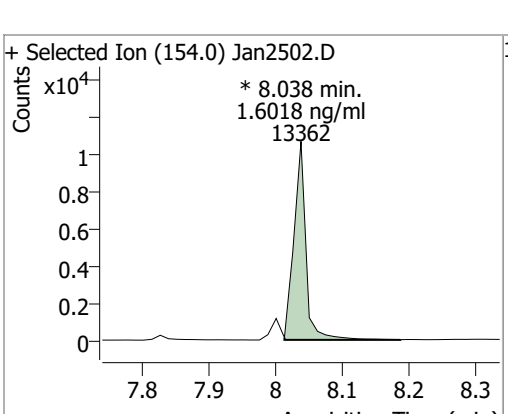
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	1.8012	7.83	0.00	23489	153.0	13.1	9.0	16.6

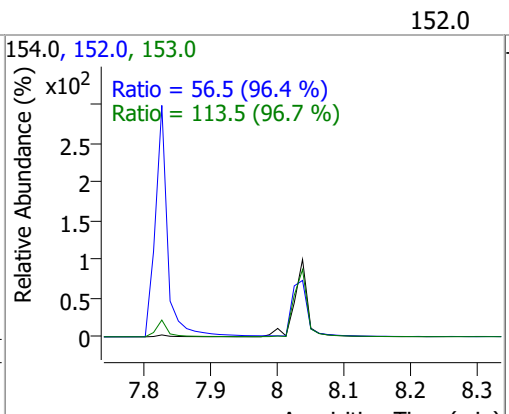


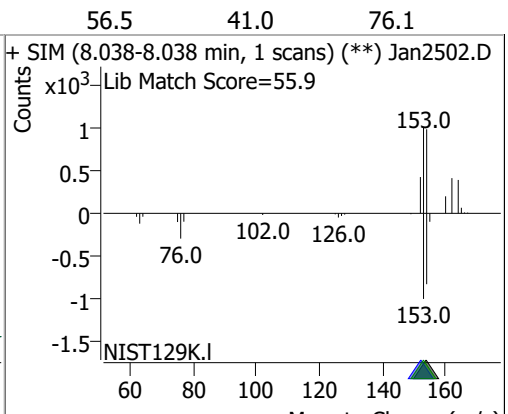




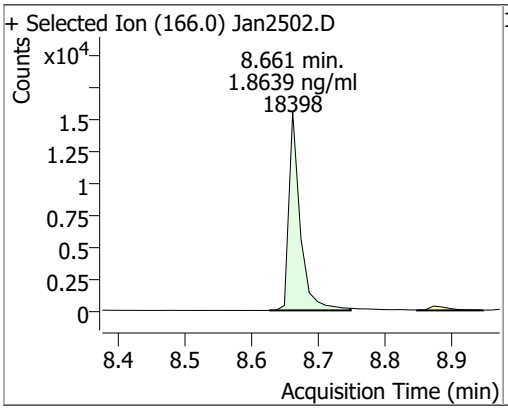
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	1.6018	8.04	0.00	13362 (m)	153.0	113.5	82.1	152.6
					152.0	56.5	41.0	76.1

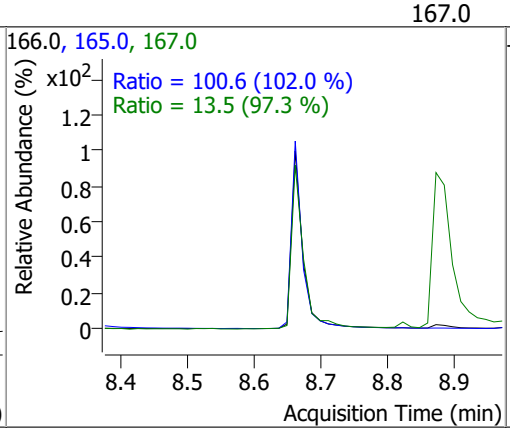


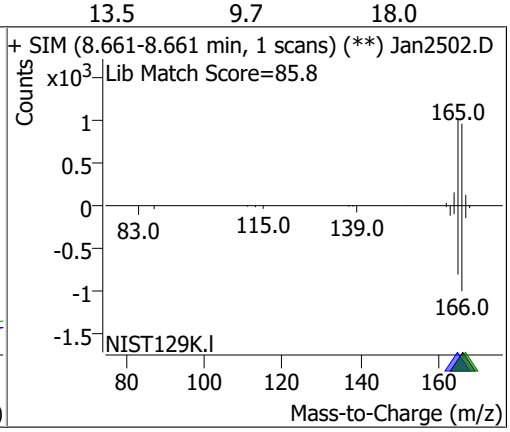




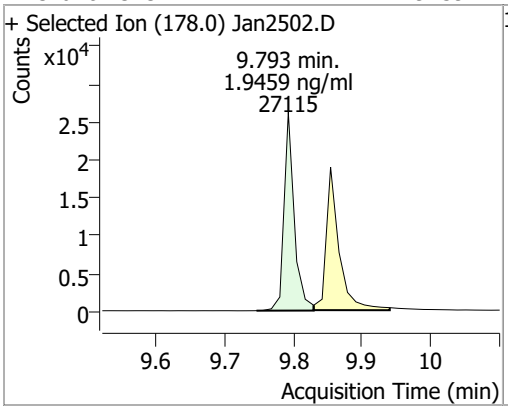
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	1.8639	8.66	-0.01	18398	165.0	100.6	69.1	128.3
					167.0	13.5	9.7	18.0

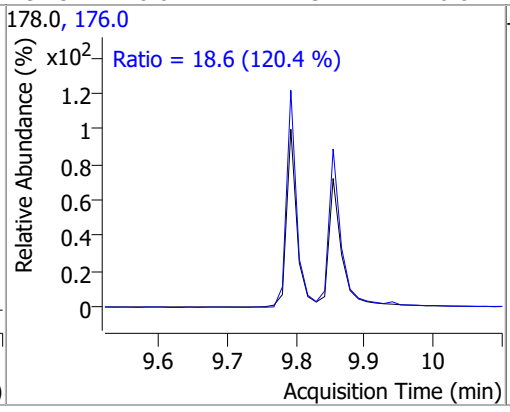


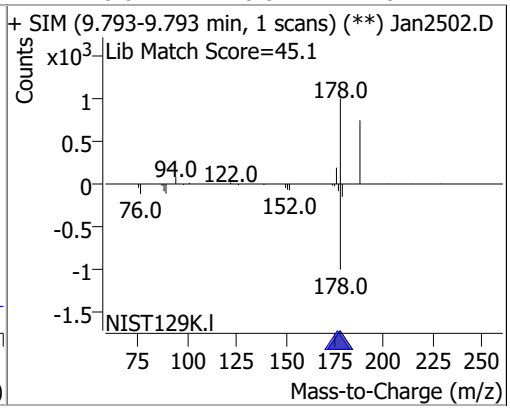




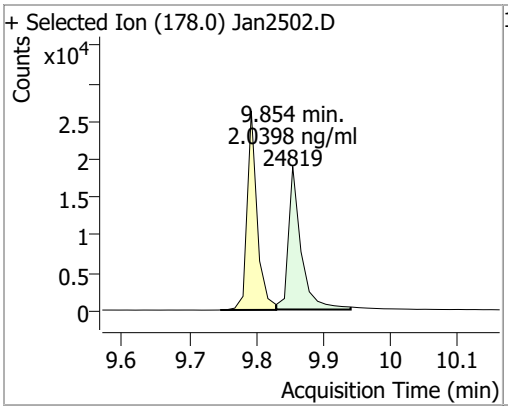
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	1.9459	9.79	-0.01	27115	176.0	18.6	10.8	20.1

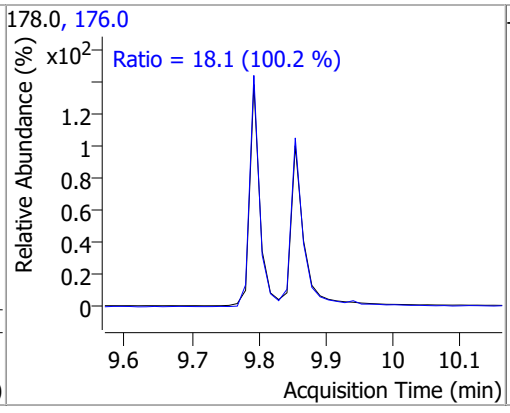


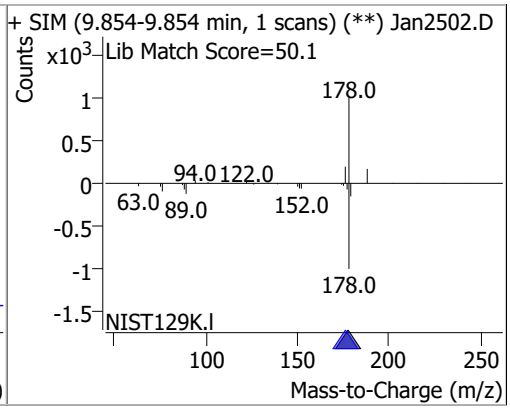




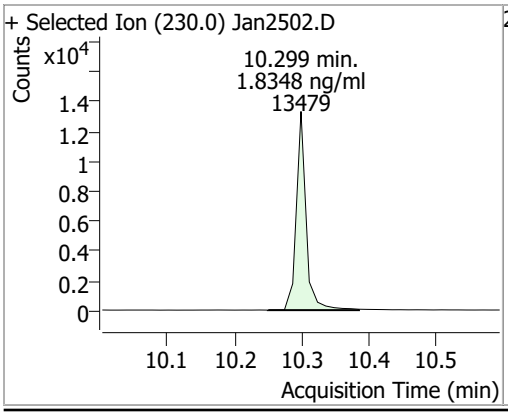
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	2.0398	9.85	-0.01	24819	176.0	18.1	12.7	23.5

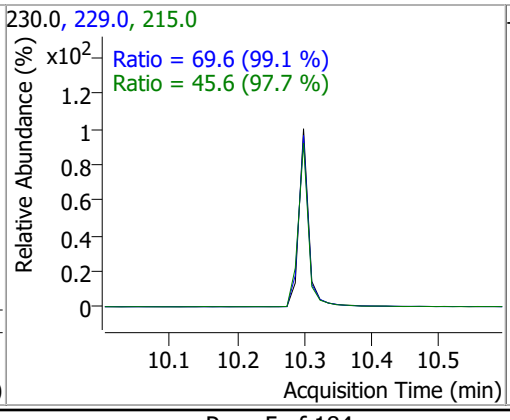


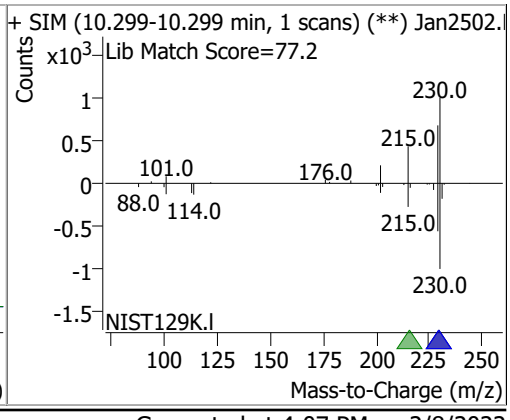




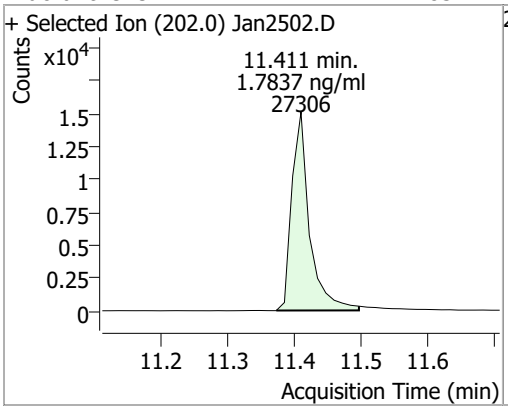
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	1.8348	10.30	0.00	13479	229.0	69.6	49.2	91.3
					215.0	45.6	32.7	60.7

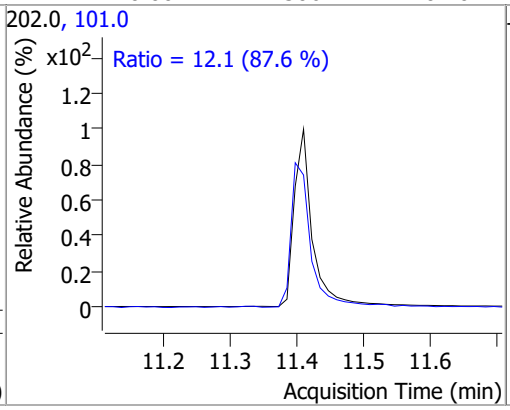


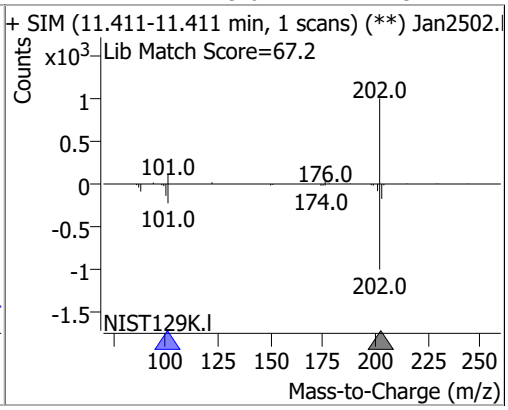




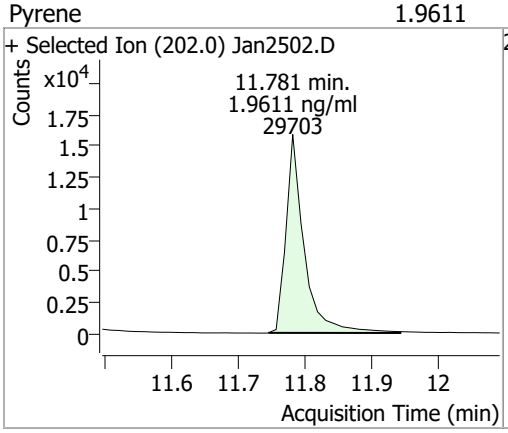
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	1.7837	11.41	0.00	27306	101.0	12.1	9.6	17.9

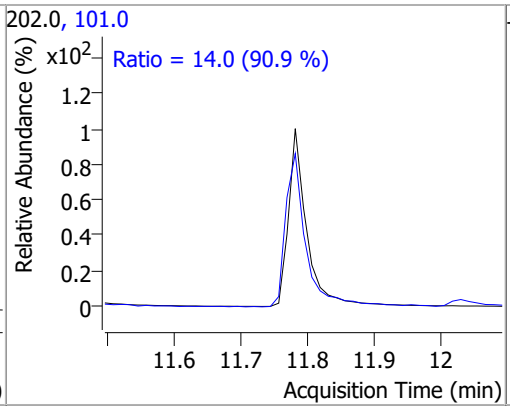


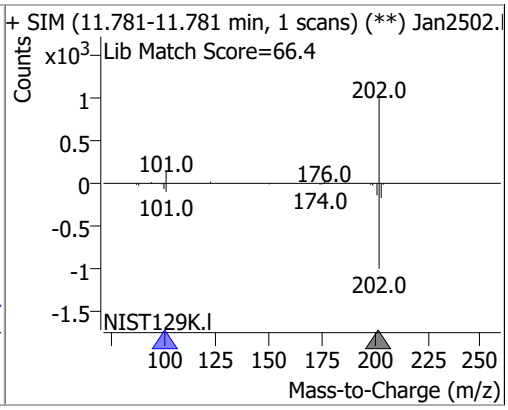




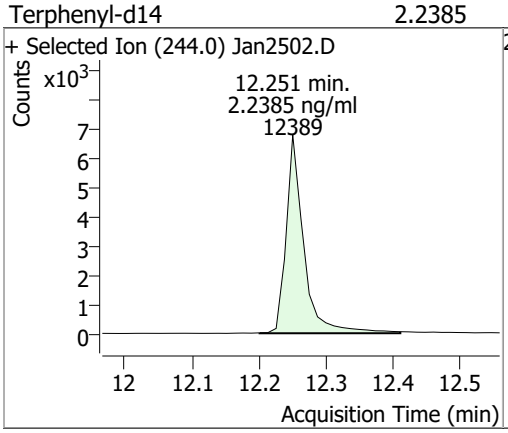
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	1.9611	11.78	-0.01	29703	101.0	14.0	10.7	20.0

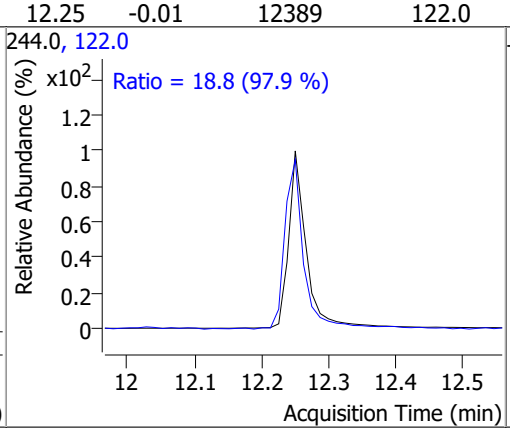


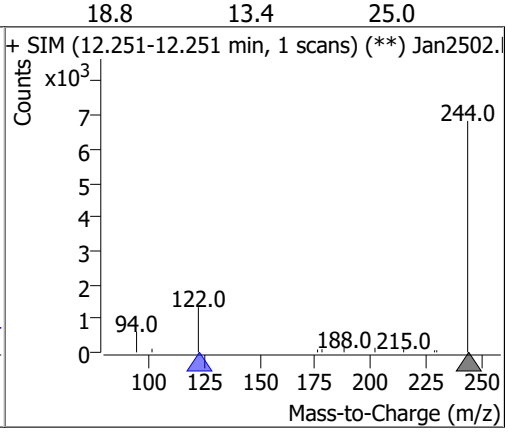




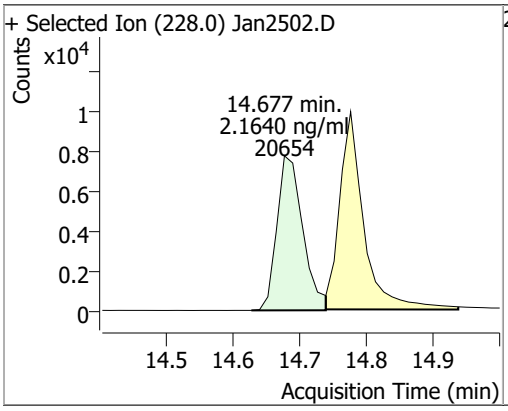
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	2.2385	12.25	-0.01	12389	122.0	18.8	13.4	25.0

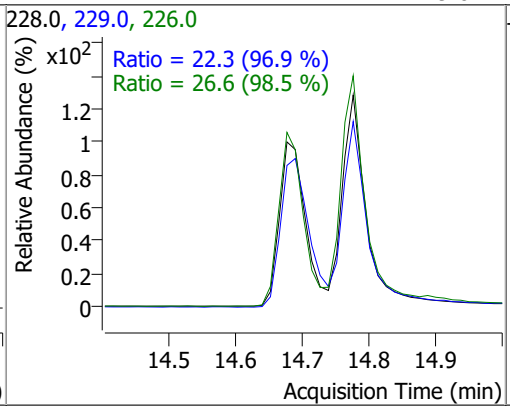


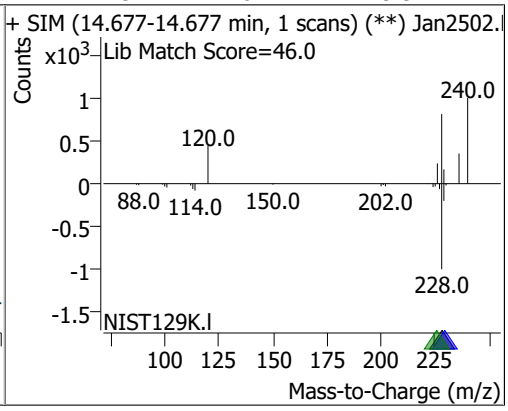




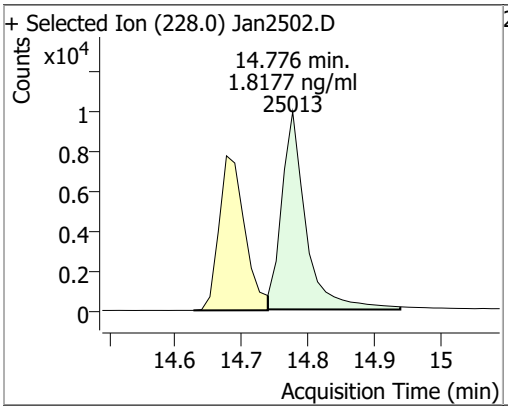
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	2.1640	14.68	-0.02	20654	226.0	26.6	18.9	35.1
					229.0	22.3	16.1	29.9

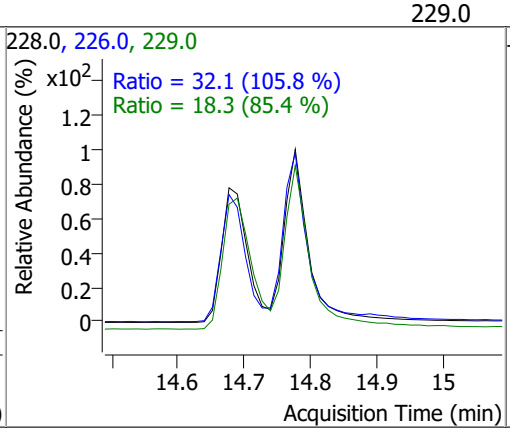


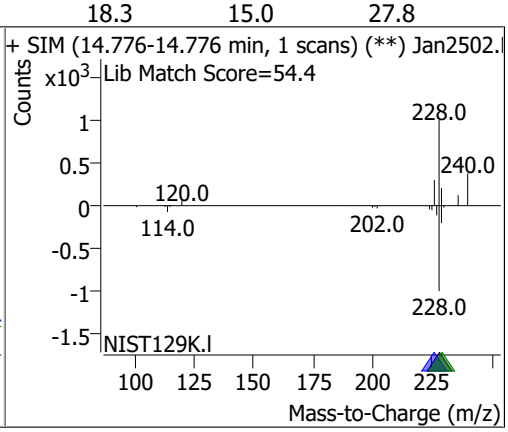




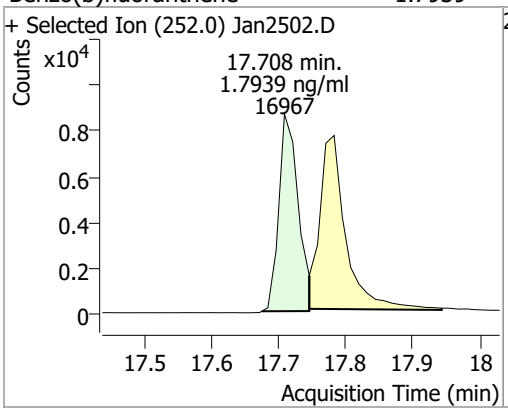
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	1.8177	14.78	-0.01	25013	226.0	32.1	21.2	39.4
					229.0	18.3	15.0	27.8

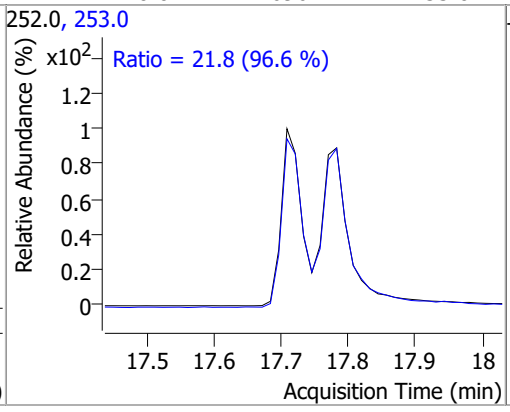


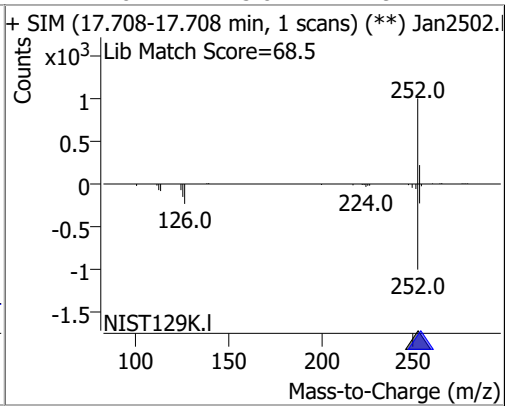




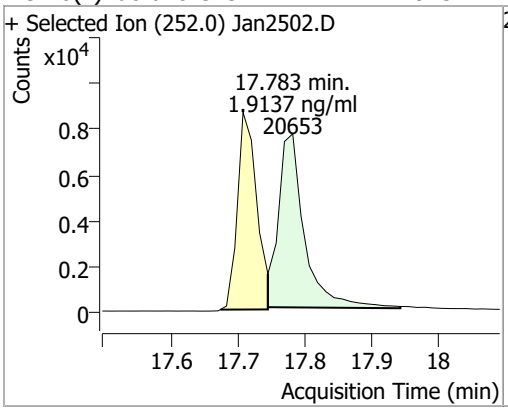
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	1.7939	17.71	-0.02	16967	253.0	21.8	15.8	29.4

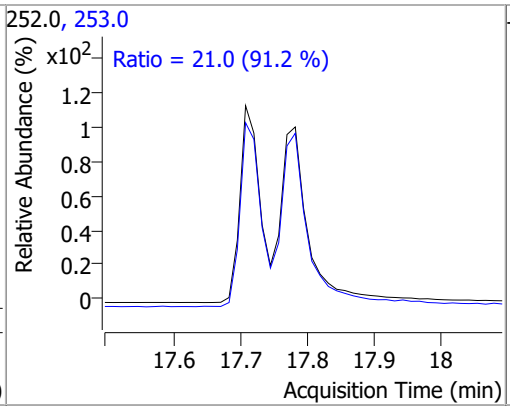


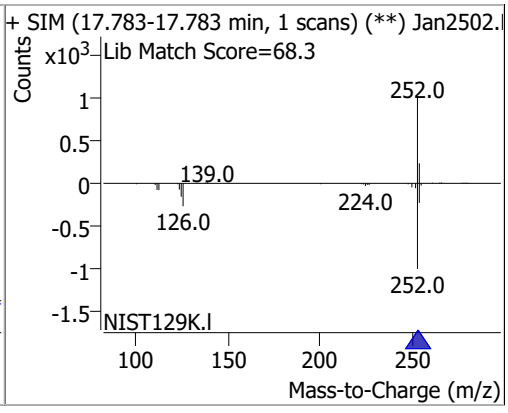




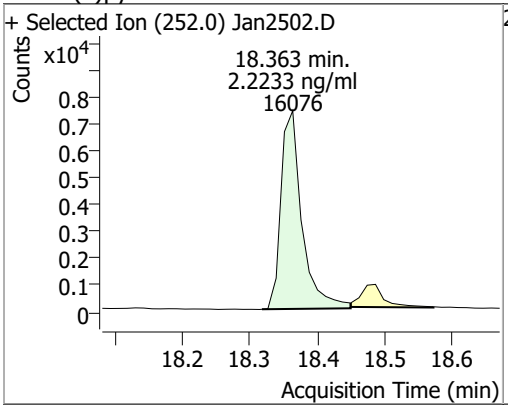
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	1.9137	17.78	-0.01	20653	253.0	21.0	16.1	29.9

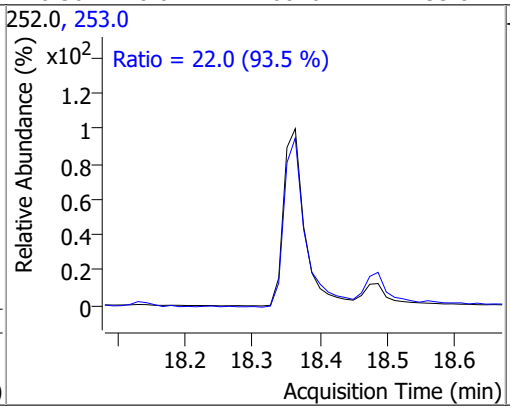


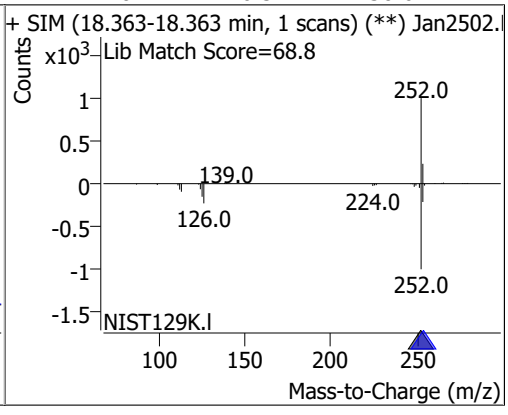




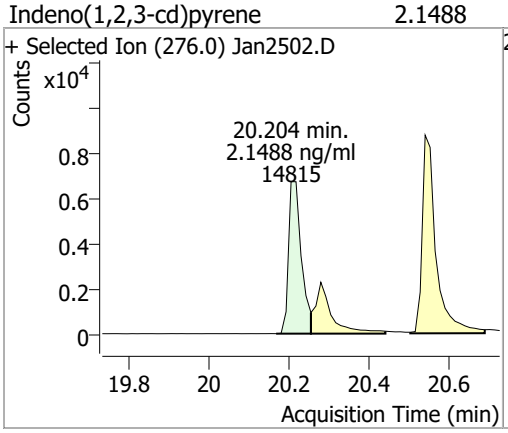
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	2.2233	18.36	-0.01	16076	253.0	22.0	16.5	30.6

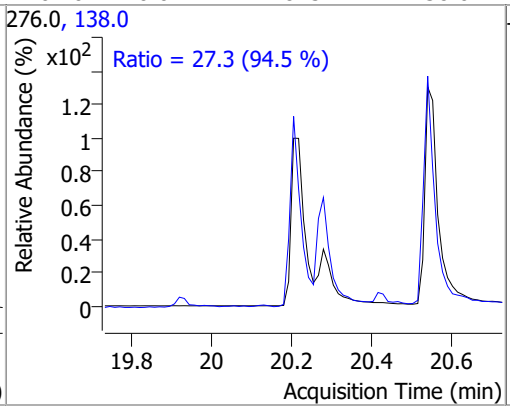


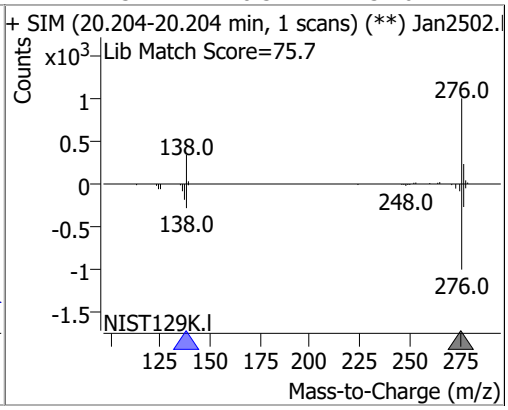




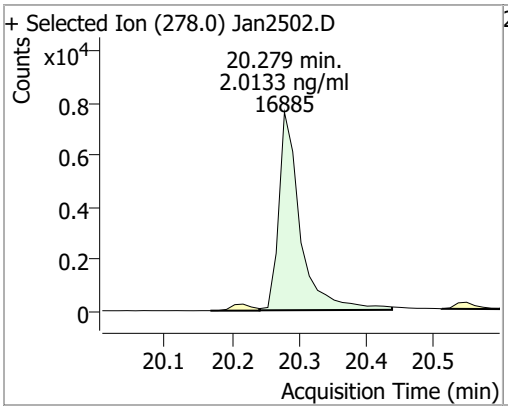
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	2.1488	20.20	-0.02	14815	138.0	27.3	20.3	37.6

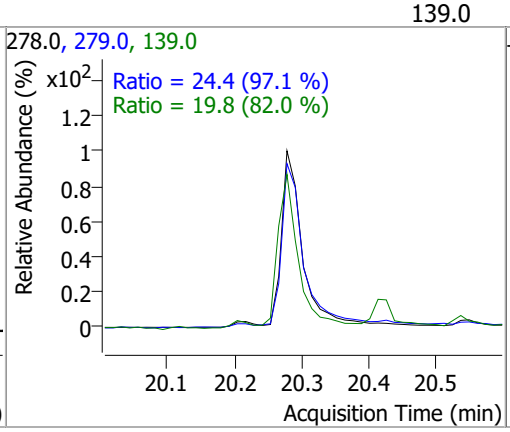


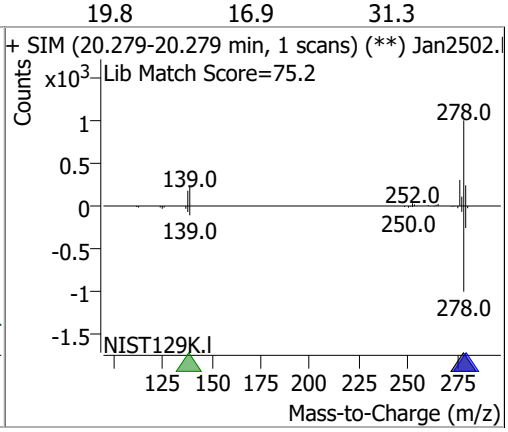




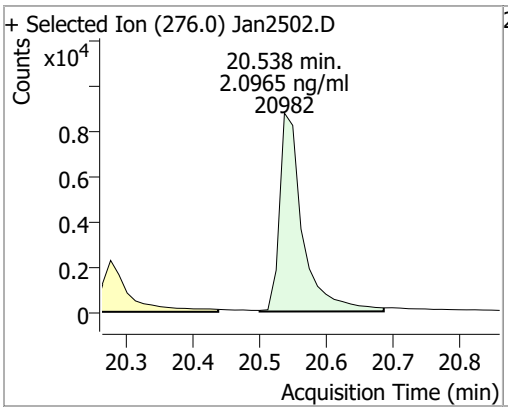
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	2.0133	20.28	-0.02	16885	279.0	24.4	17.6	32.7
					139.0	19.8	16.9	31.3

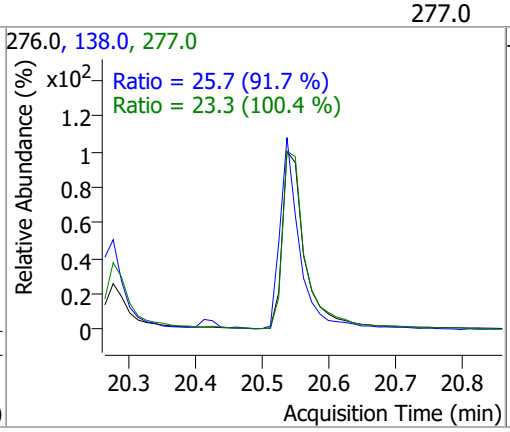


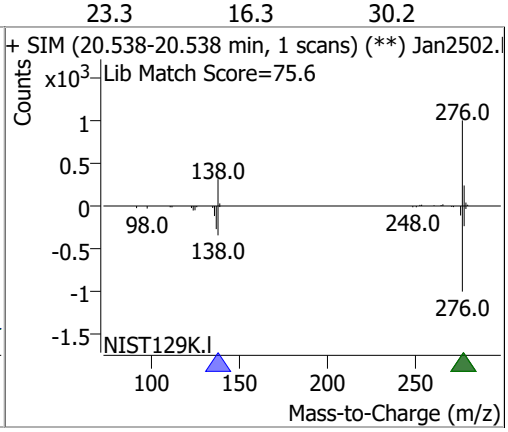




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	2.0965	20.54	-0.02	20982	138.0	25.7	19.6	36.5
					277.0	23.3	16.3	30.2



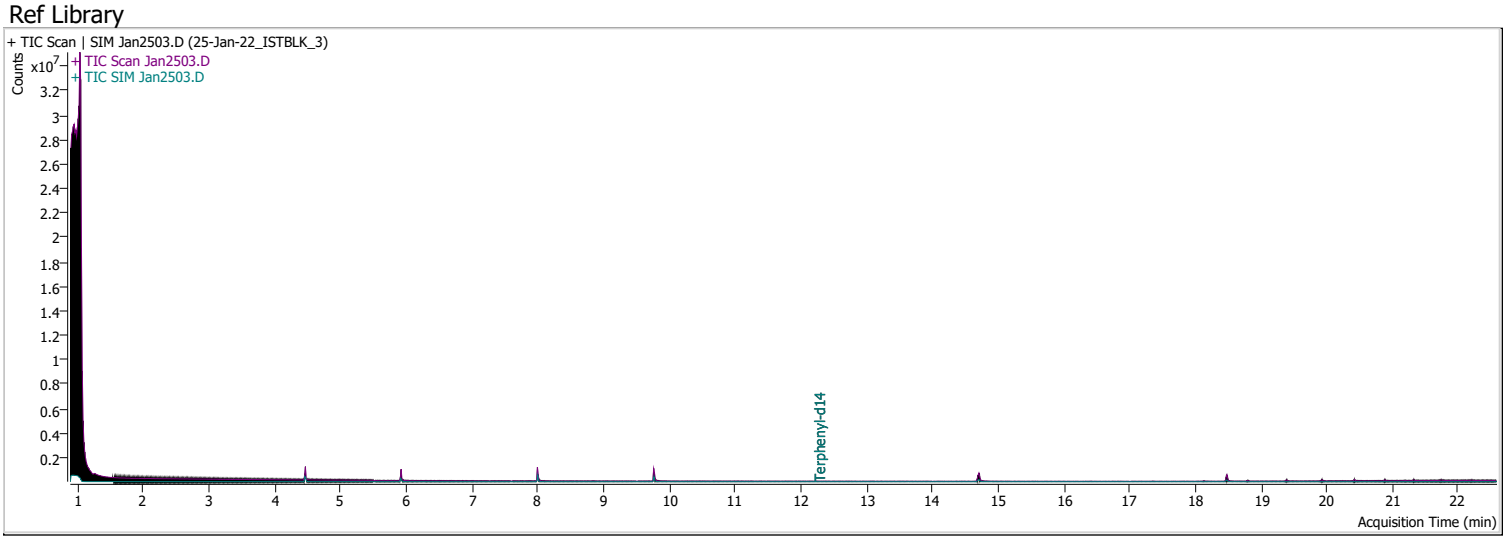




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

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			

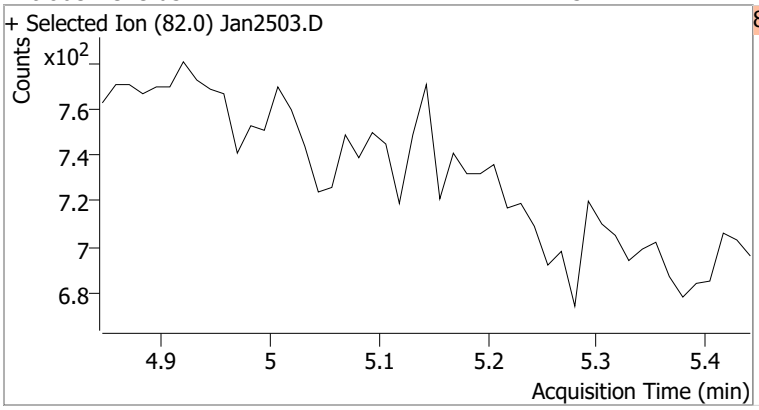


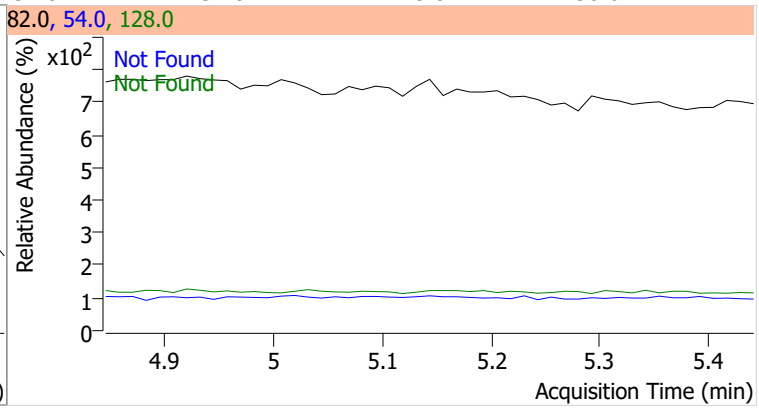
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	174159	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	343017	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.000	164.0	198172	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	391423	40.0000	ng/ml		-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
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	897	0.1526	ng/ml		0.000
Spiked Amount: 5.000	Range: 39.0 - 106.0%			Recovery = 3.05%		*	
Target Compounds							**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	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.			

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.			

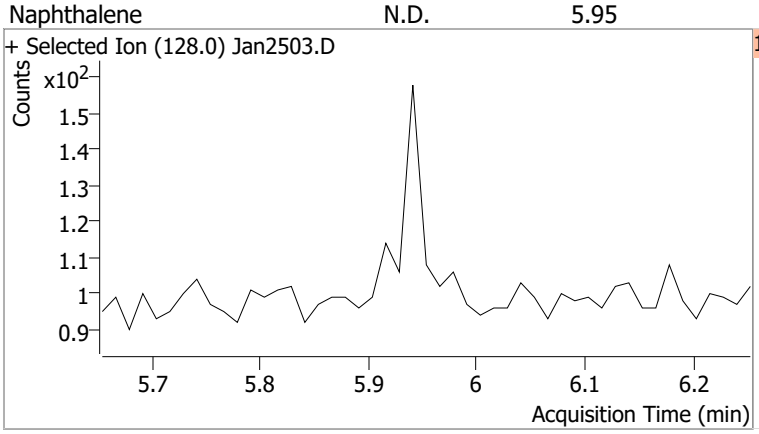
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

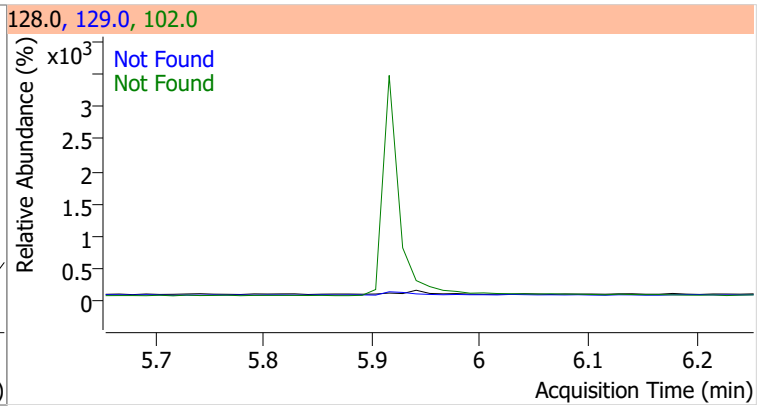
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Nitrobenzene-d5	N.D.	5.14	54.0	37.0	128.0	36.6



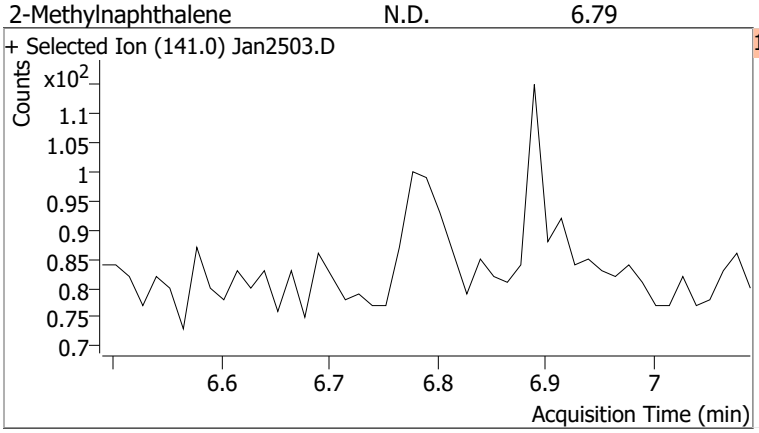


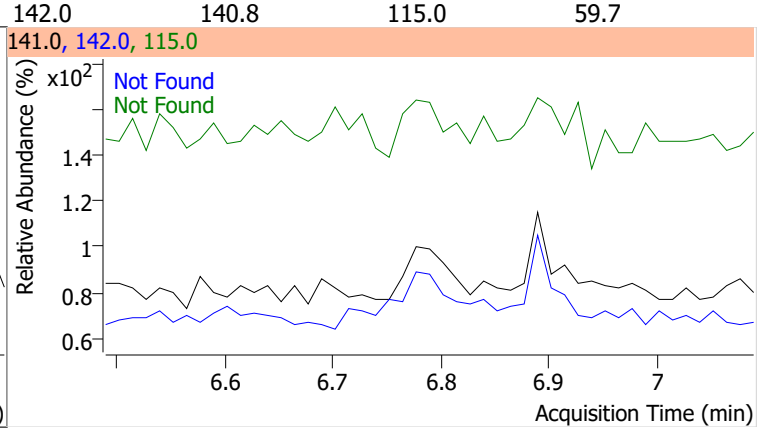
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



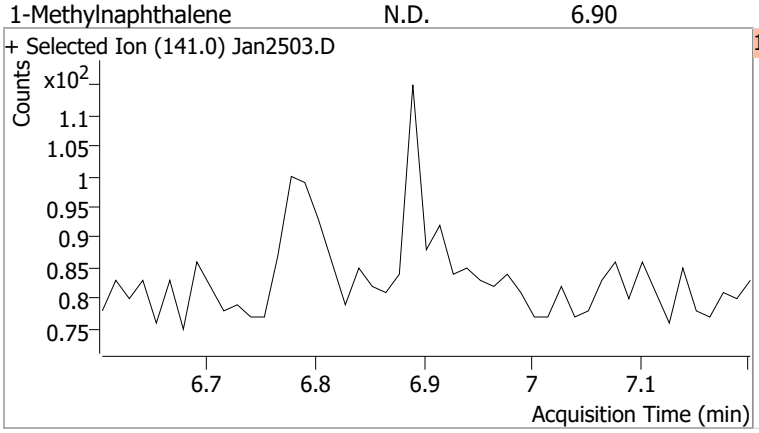


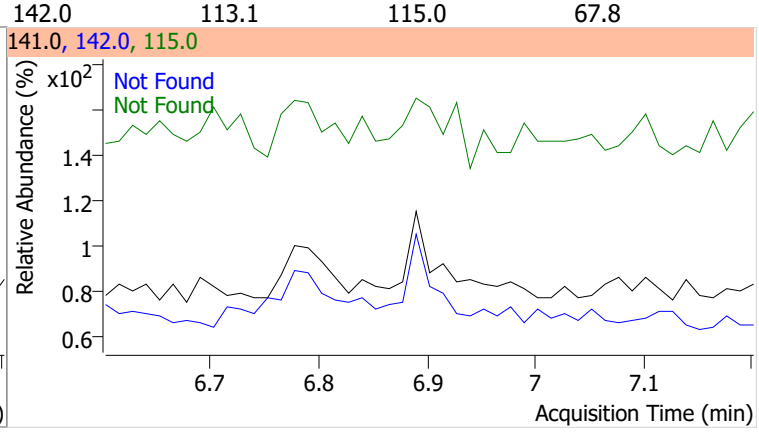
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



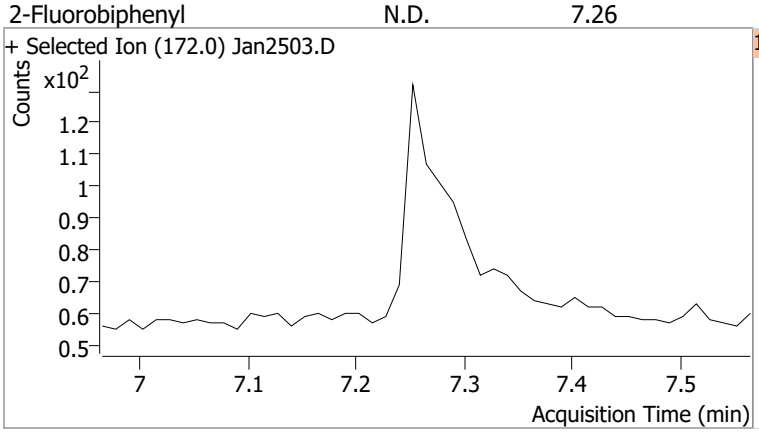


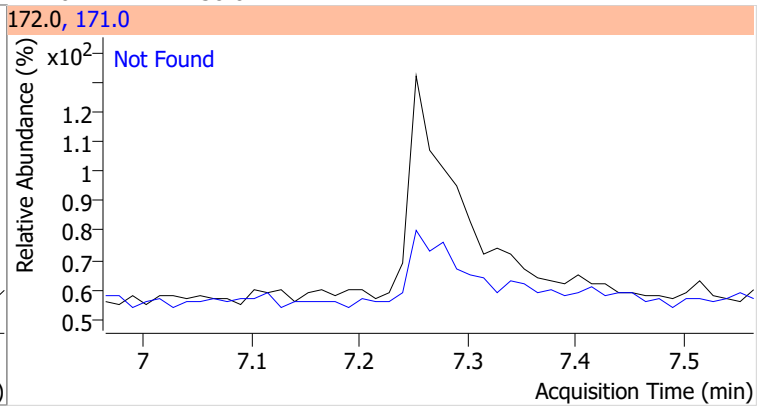
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8



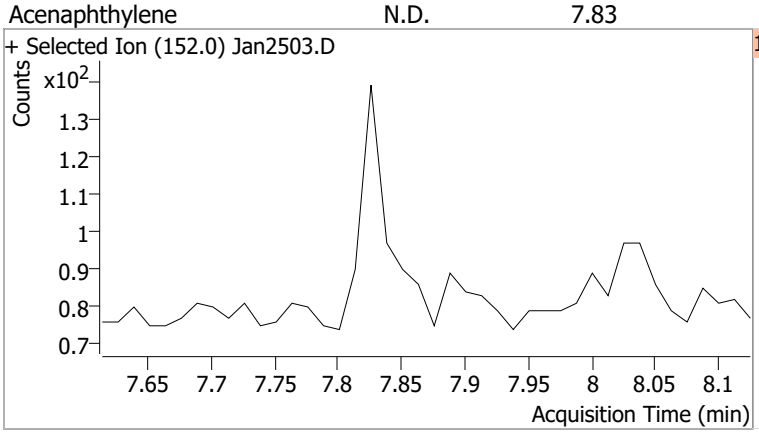


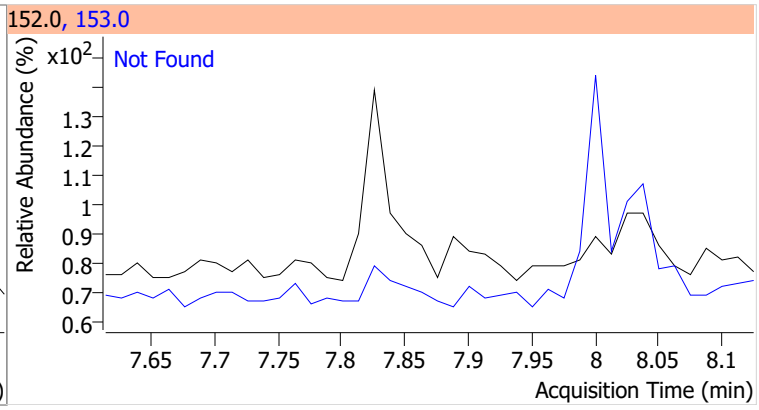
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Fluorobiphenyl	N.D.	7.26	171.0	38.0



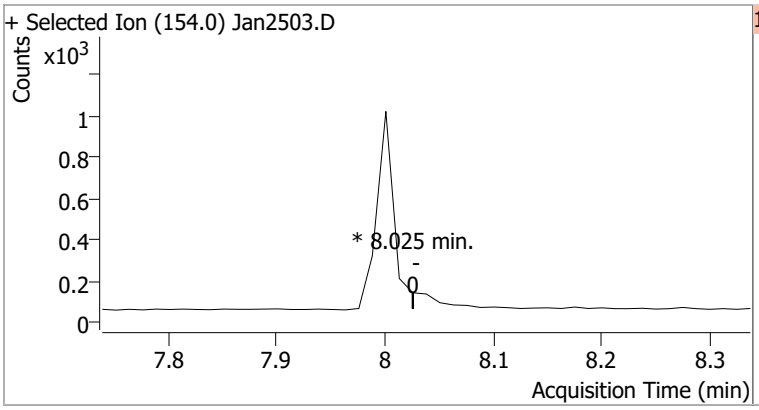


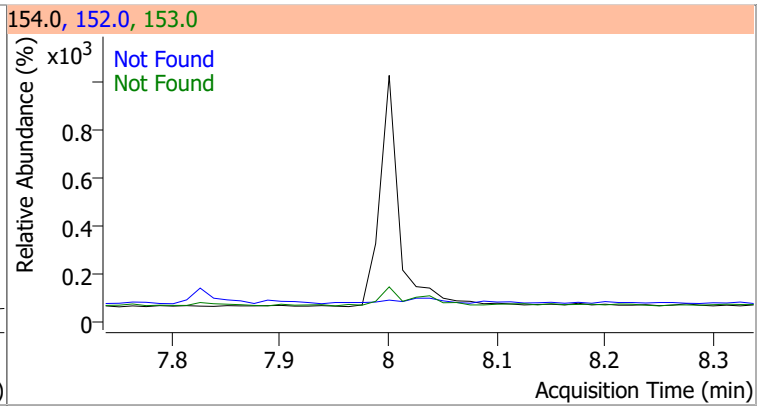
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



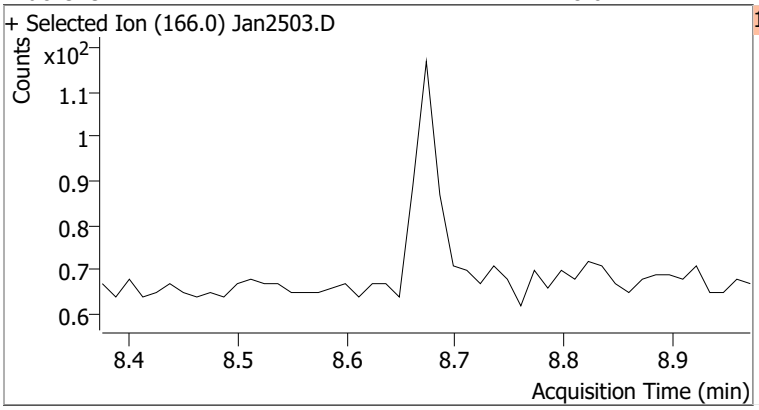


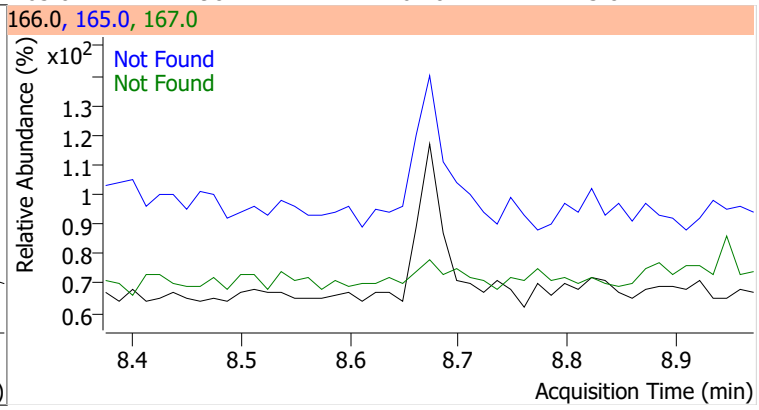
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1



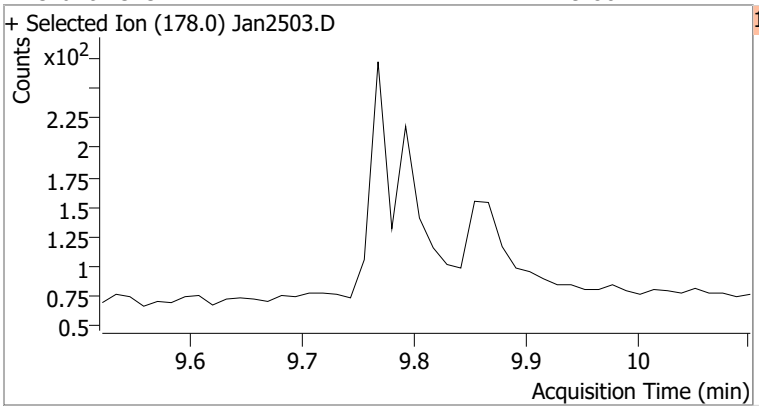


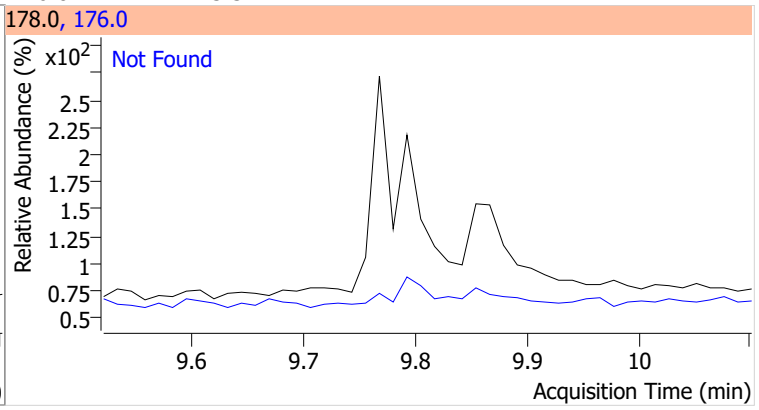
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Fluorene	N.D.	8.67	165.0	98.7	167.0	13.8



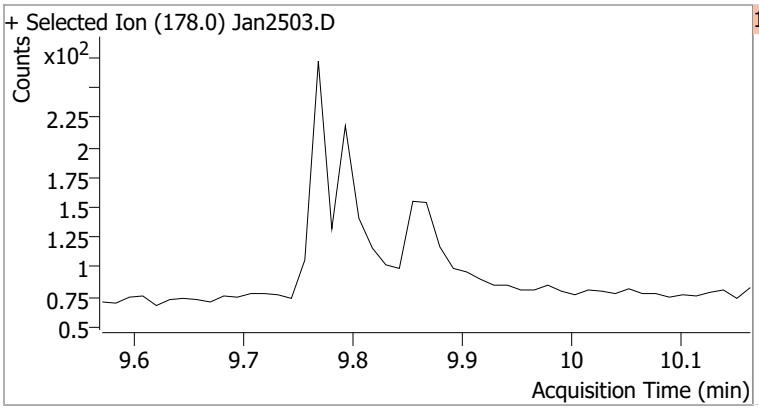


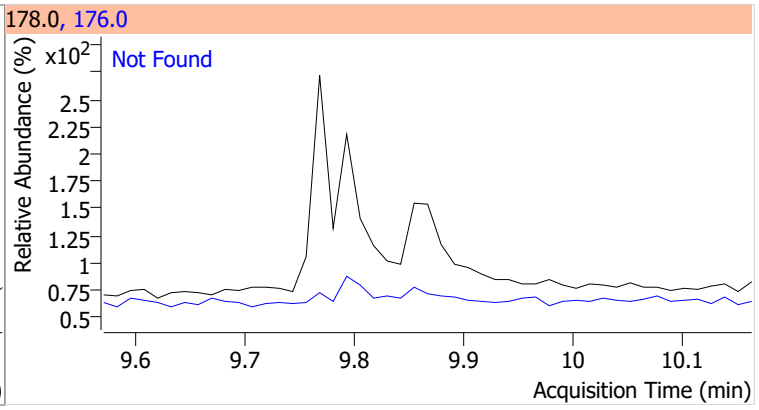
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



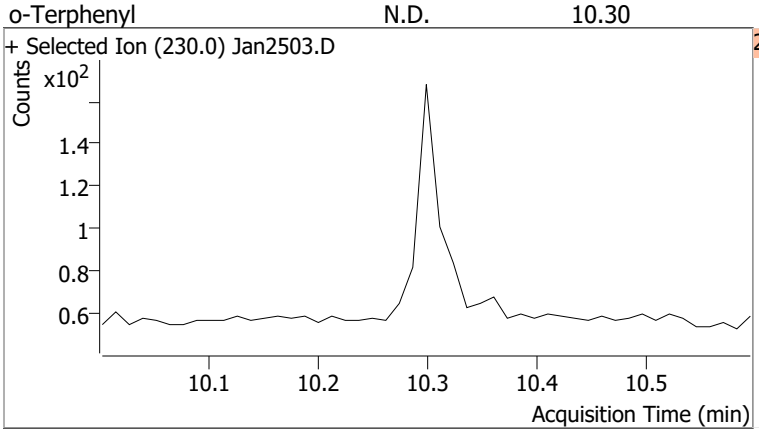


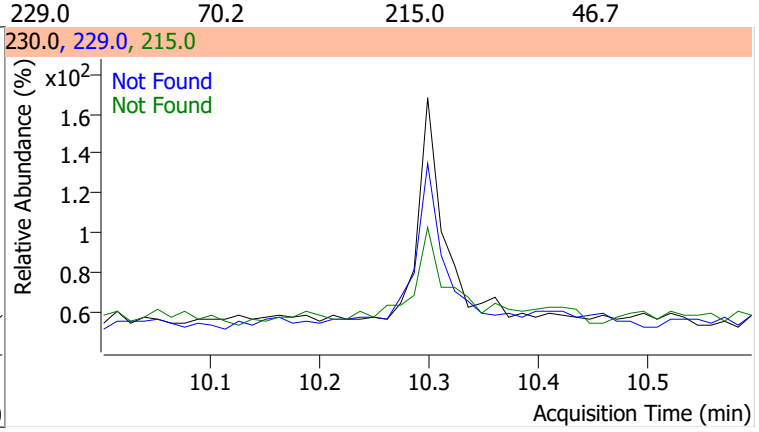
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.87	176.0	18.1



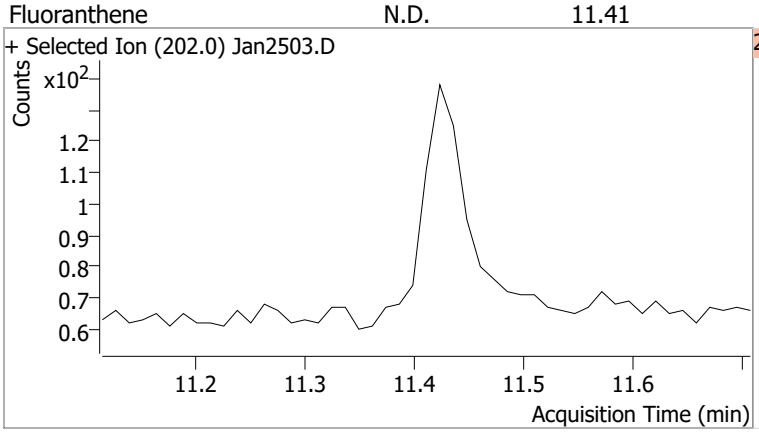


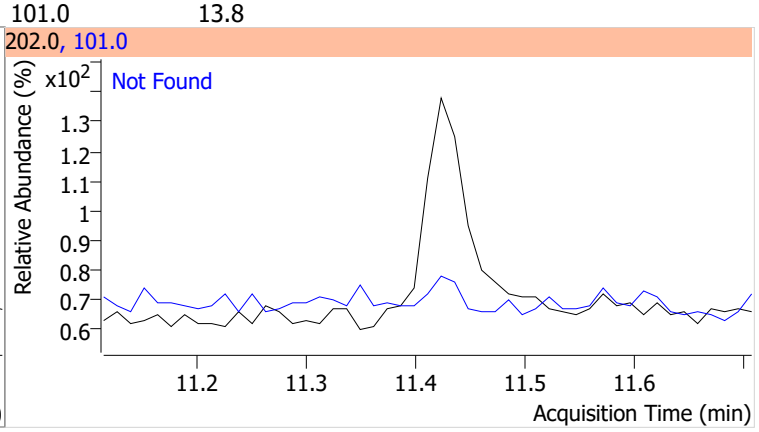
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	70.2	215.0	46.7



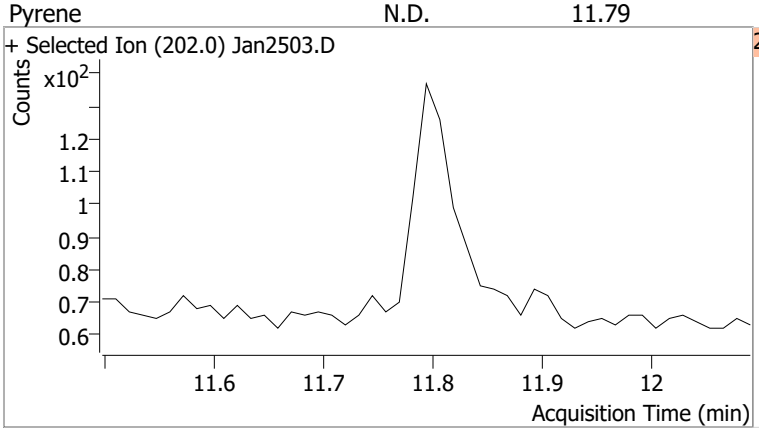


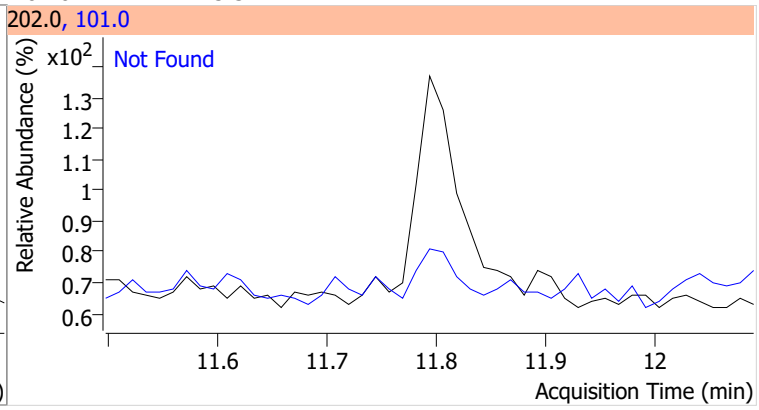
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8



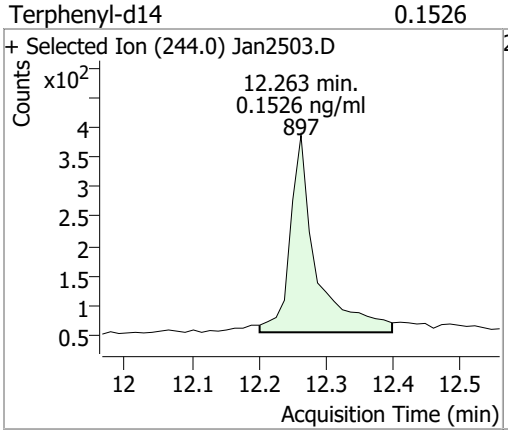


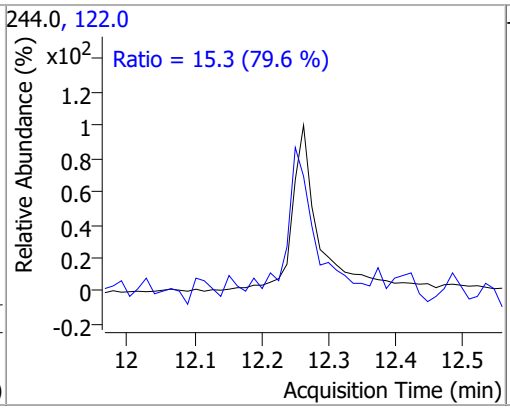
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.79	101.0	15.3

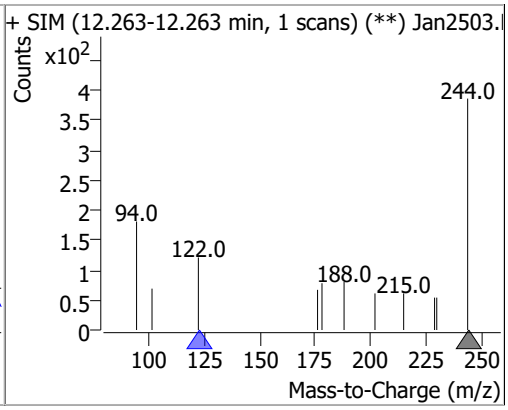




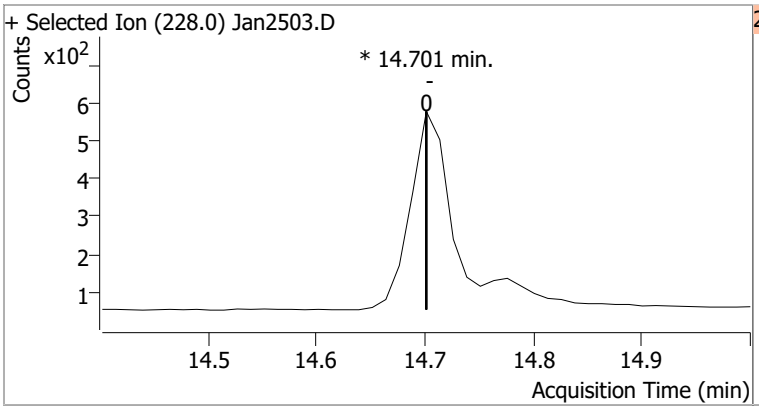
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	0.1526	12.26	0.00	897	122.0	15.3	13.4	25.0

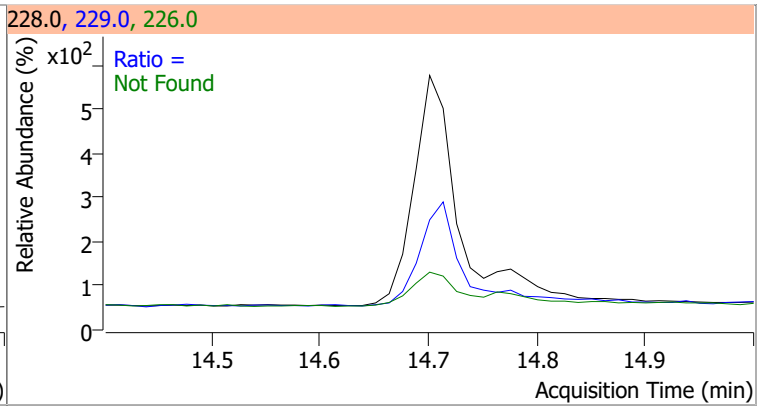




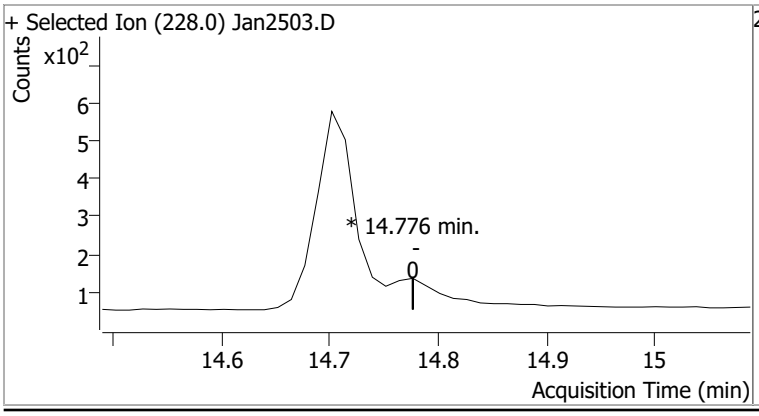


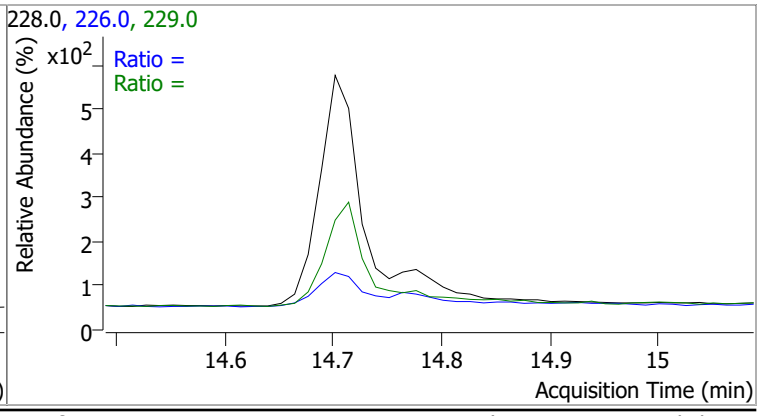
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene		0		0	226.0		18.9	35.1
					229.0		16.1	29.9



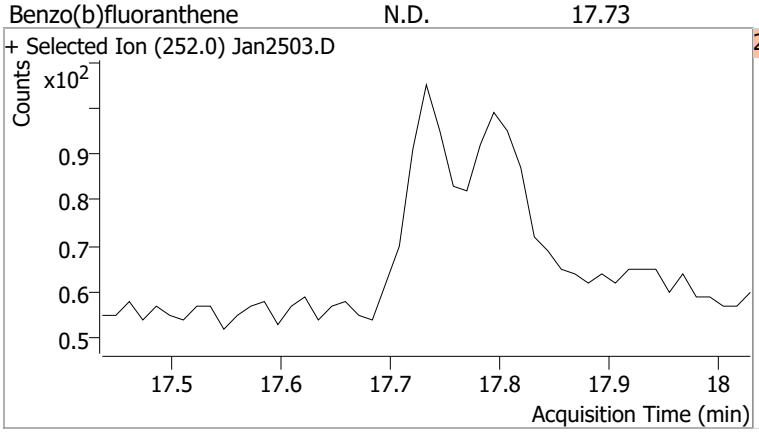


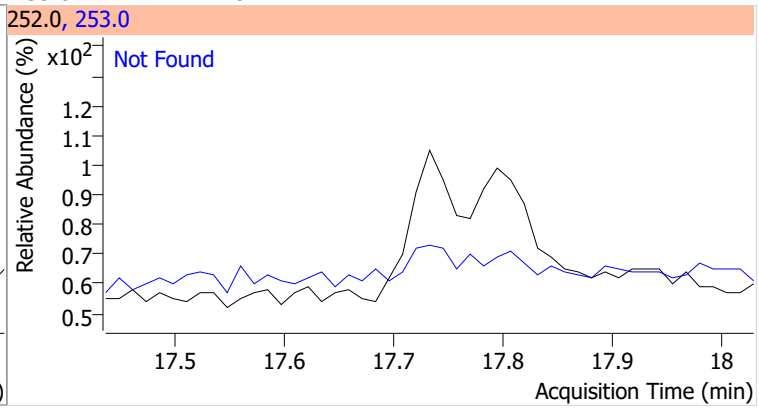
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene		0		0	226.0		21.2	39.4
					229.0		15.0	27.8



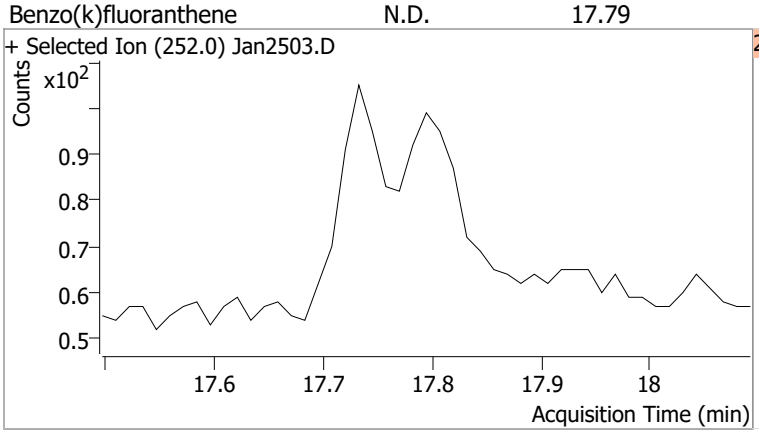


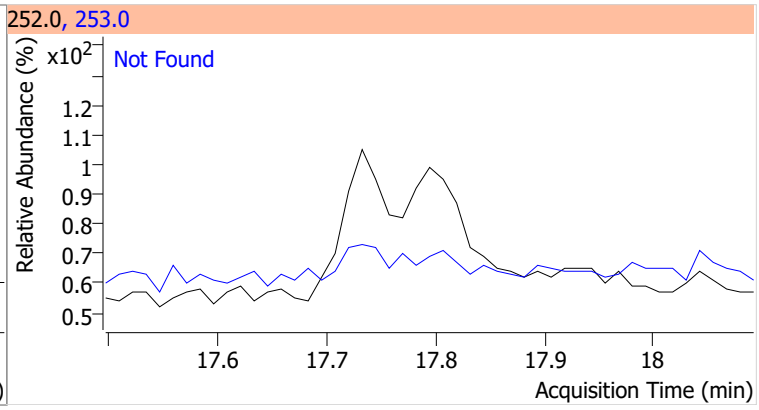
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



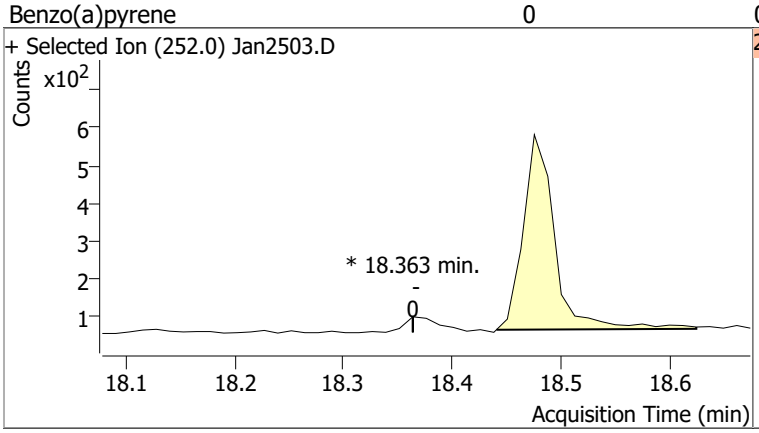


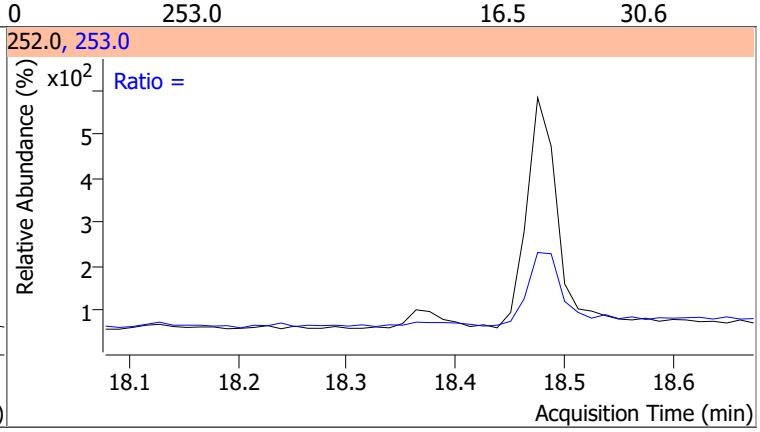
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



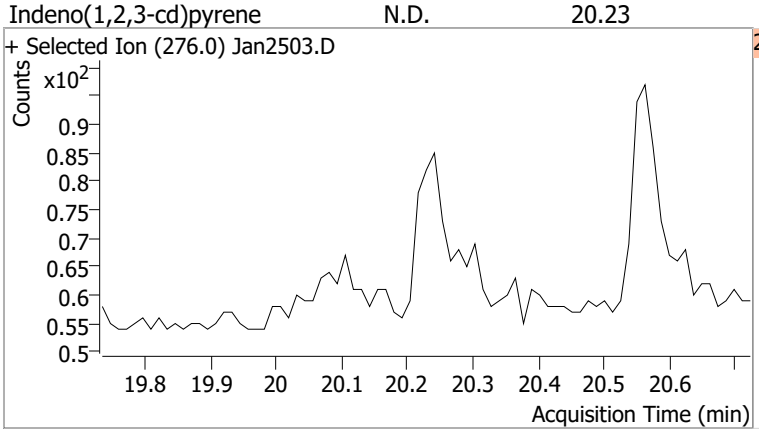


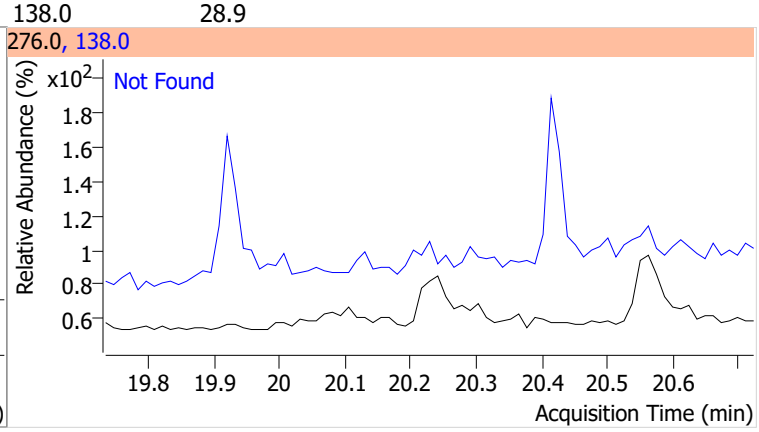
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



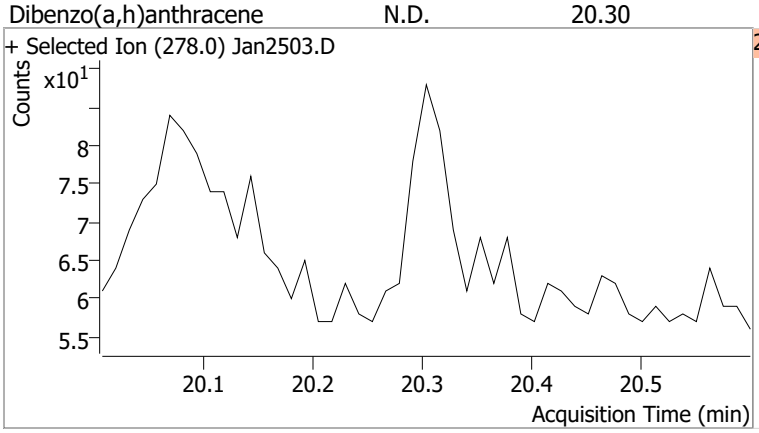


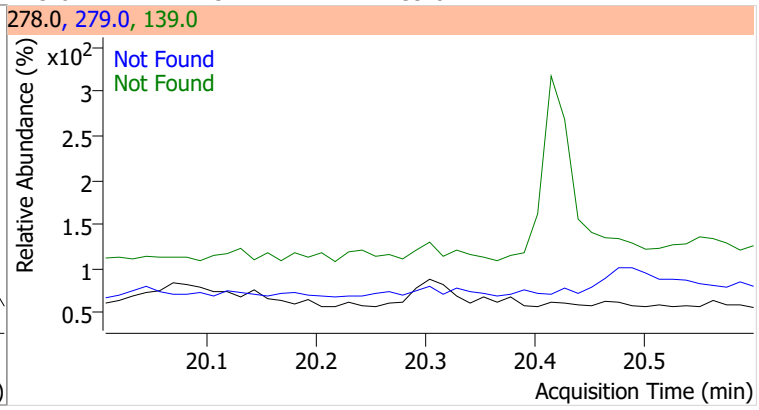
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



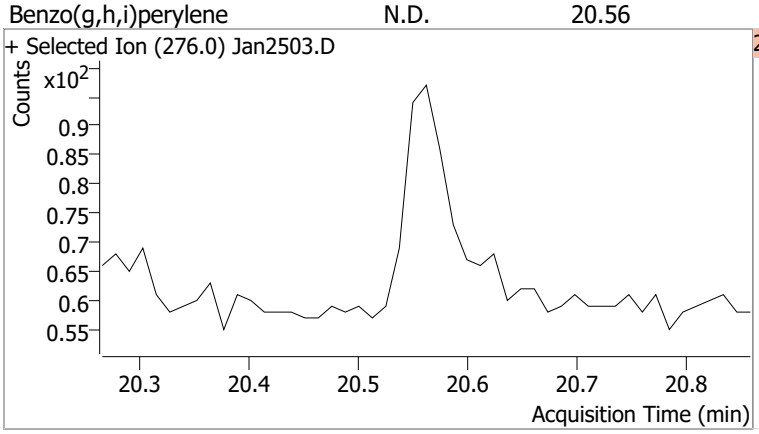


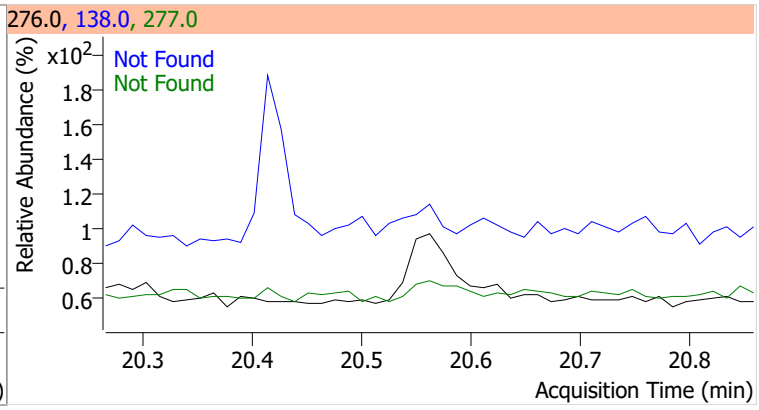
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1





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

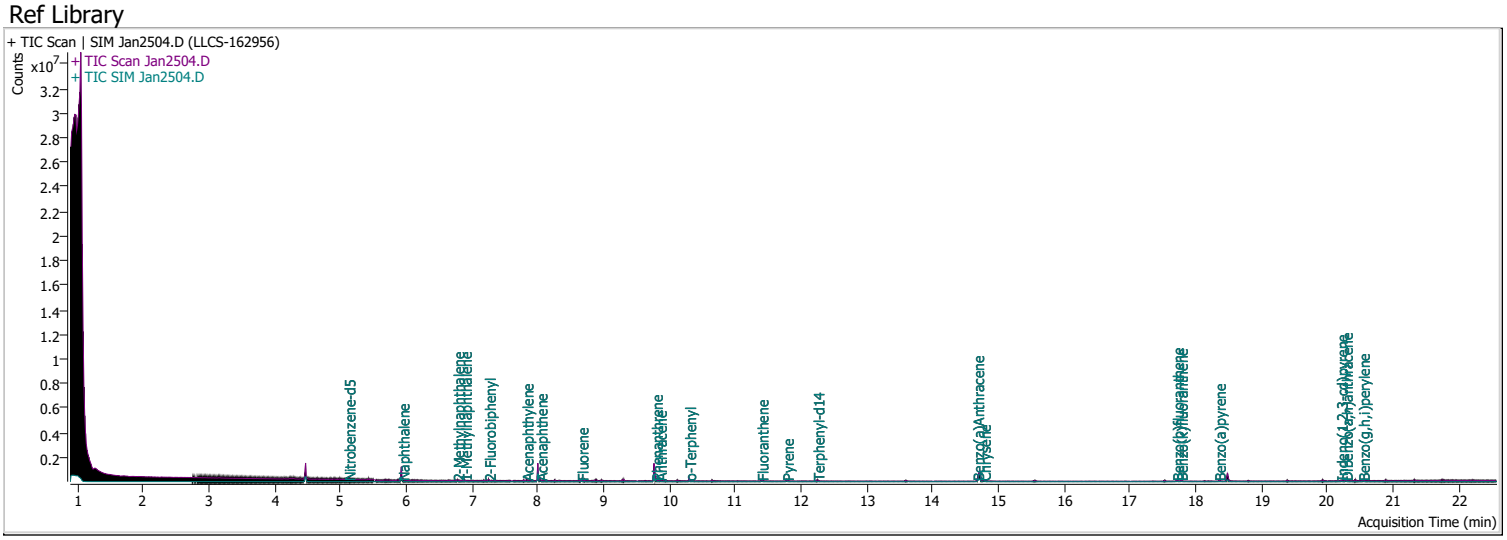




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

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			

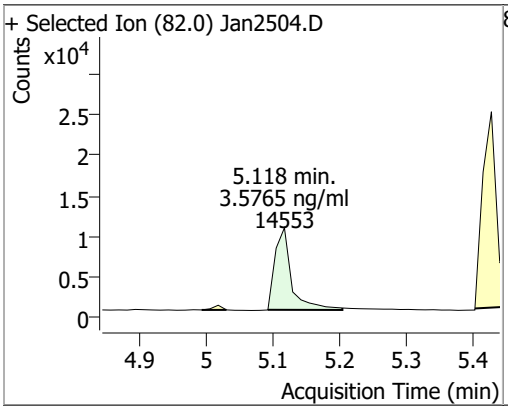


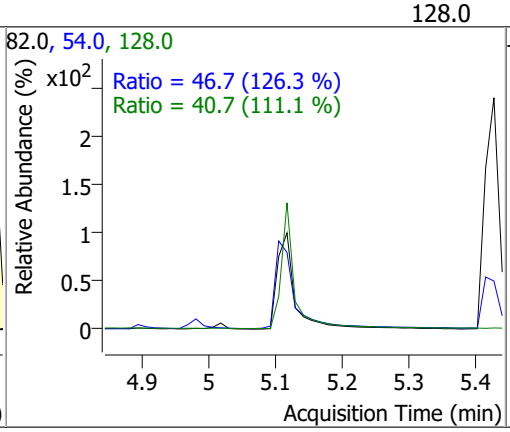
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	196412	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	373724	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.001	164.0	225952	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	445803	40.0000	ng/ml		-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
System Monitoring Compounds							
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%		*	
Target Compounds							**QValue**
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

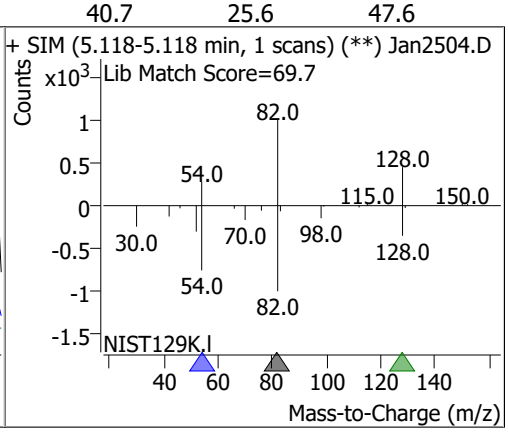
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	49921	4.6787	ng/ml	96
T Benzo(a)pyrene	18.351	252.0	38075	5.0894	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.204	276.0	35428	4.9465	ng/ml	98
T Dibenzo(a,h)anthracene	20.279	278.0	41536	5.1216	ng/ml	95
T Benzo(g,h,i)perylene	20.538	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

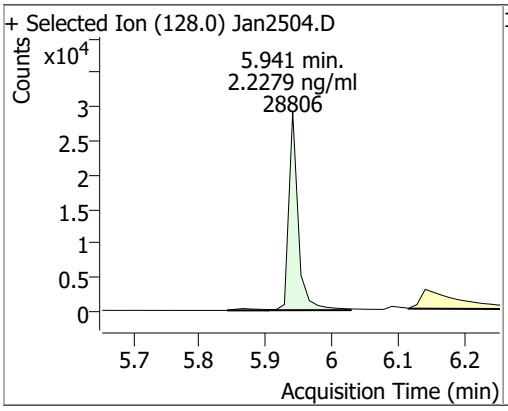
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	3.5765	5.12	-0.02	14553	54.0	46.7	25.9	48.1
					128.0	40.7	25.6	47.6

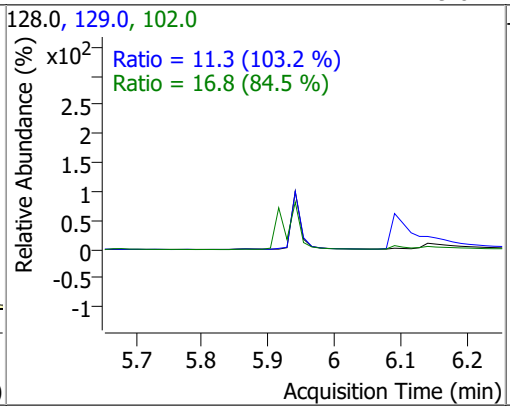


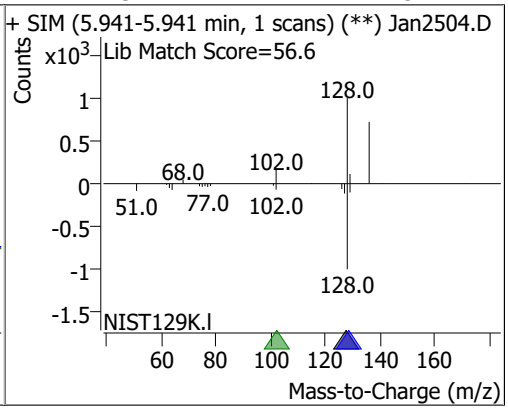




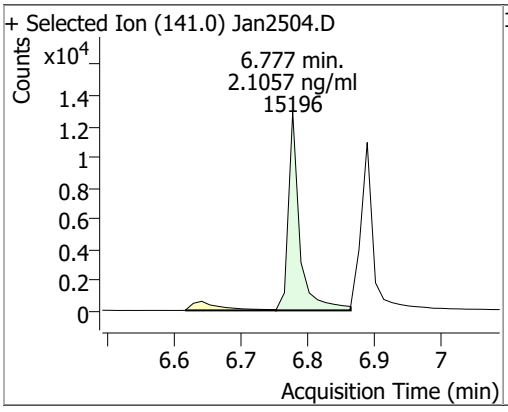
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.2279	5.94	-0.01	28806	102.0	16.8	0.0	59.6
					129.0	11.3	7.7	14.3

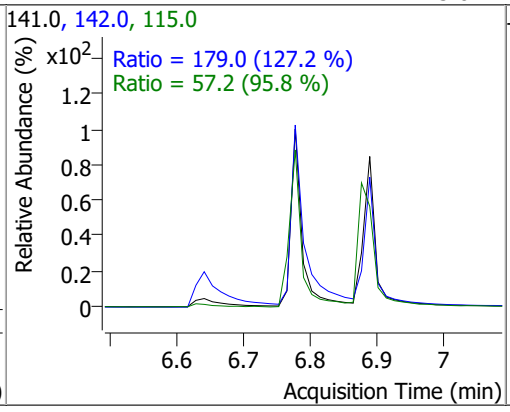


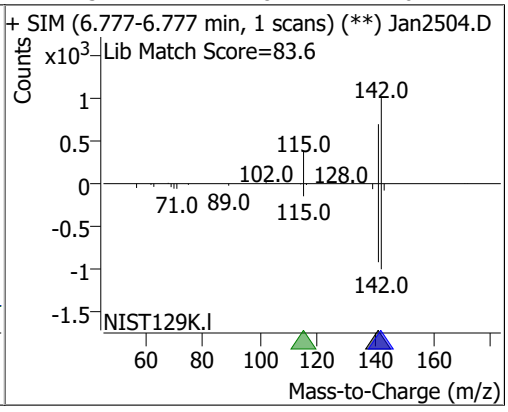




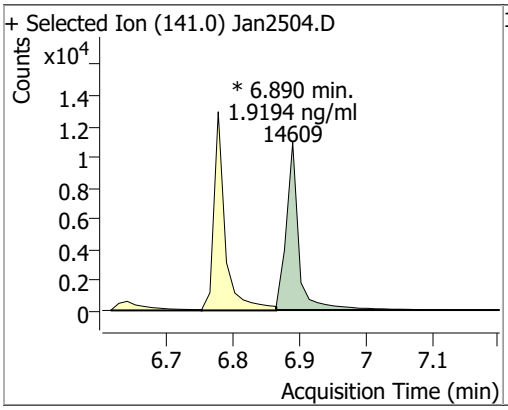
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	2.1057	6.78	-0.01	15196	142.0	179.0	98.5	183.0
					115.0	57.2	41.8	77.6

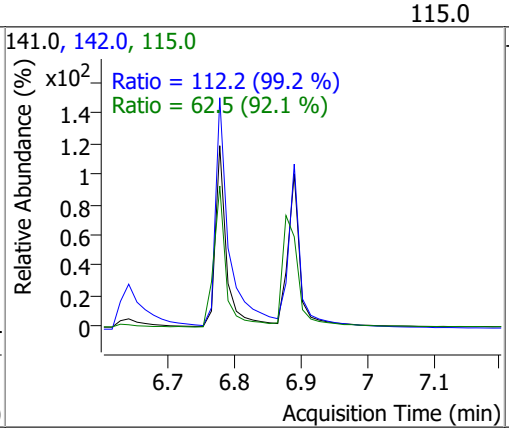


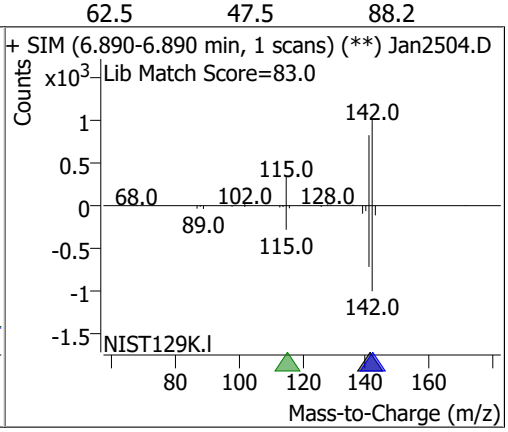




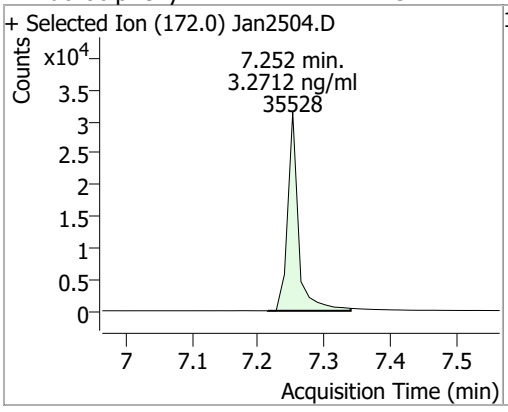
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	1.9194	6.89	-0.01	14609 (m)	142.0	112.2	79.2	147.1
					115.0	62.5	47.5	88.2

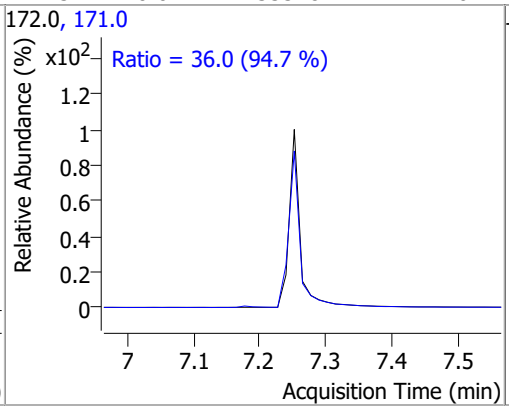


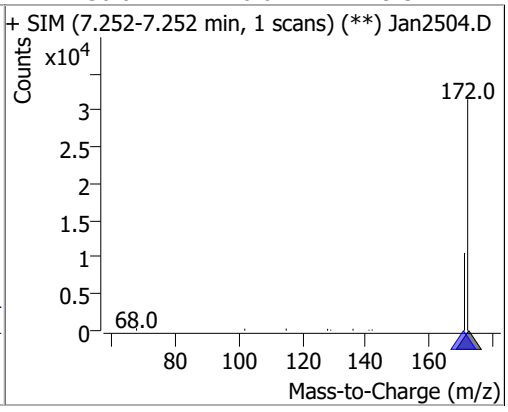




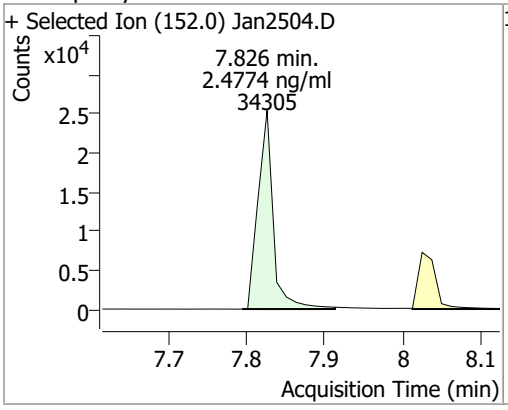
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	3.2712	7.25	-0.01	35528	171.0	36.0	26.6	49.5

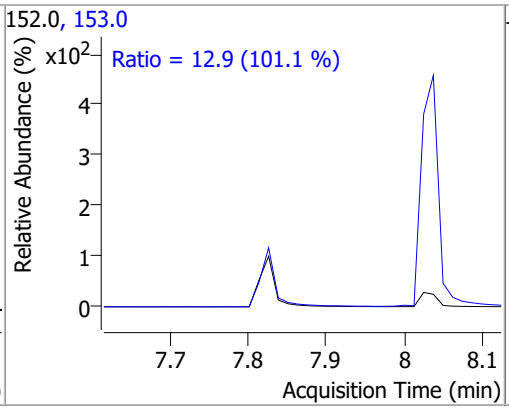


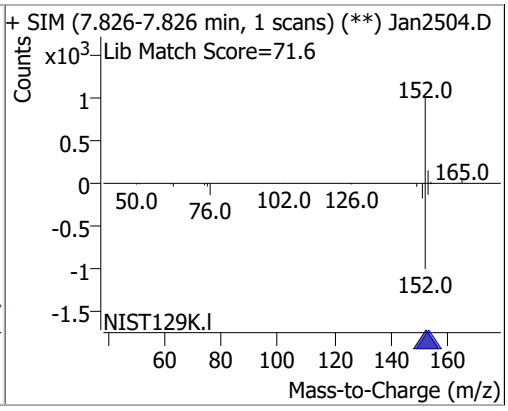




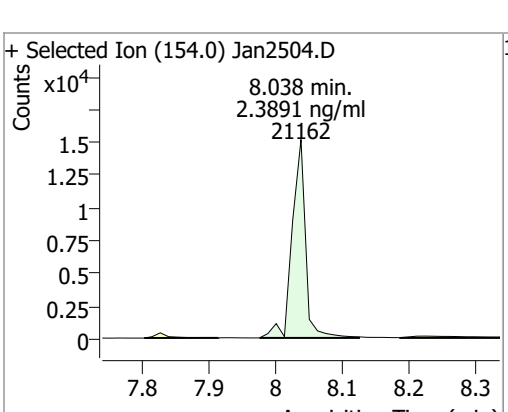
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	2.4774	7.83	0.00	34305	153.0	12.9	9.0	16.6

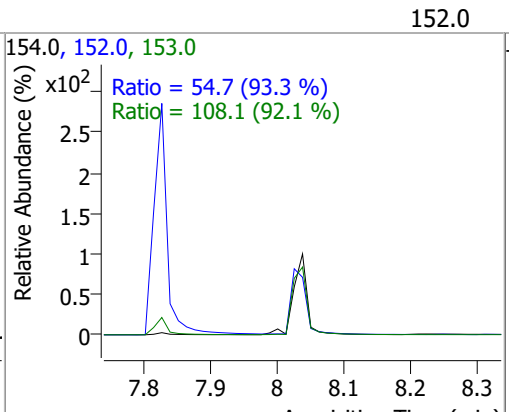


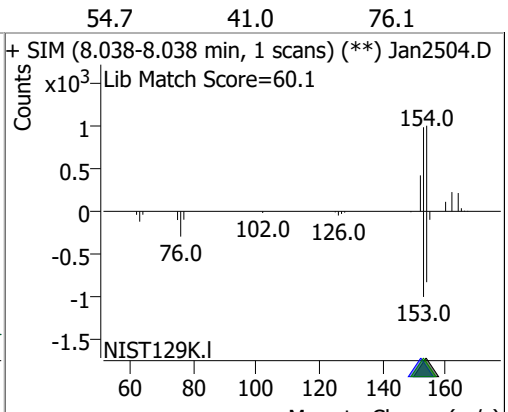




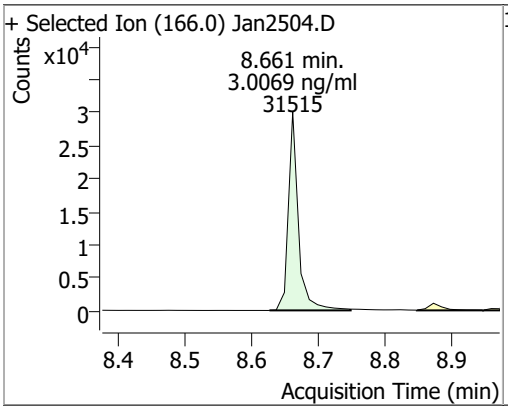
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	2.3891	8.04	0.00	21162	153.0	108.1	82.1	152.6
					152.0	54.7	41.0	76.1

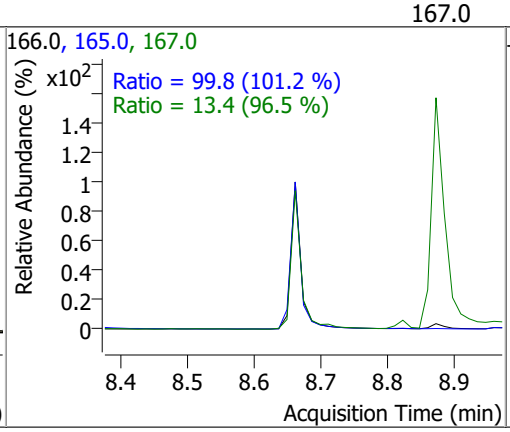


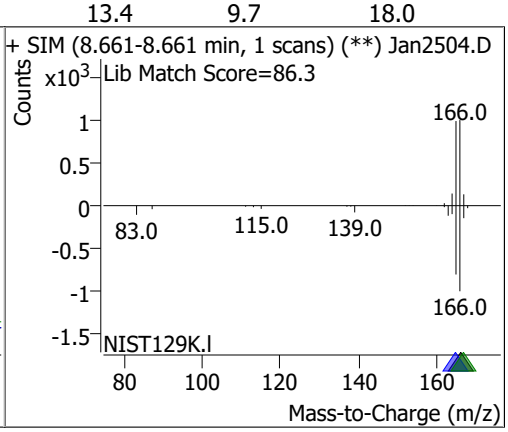




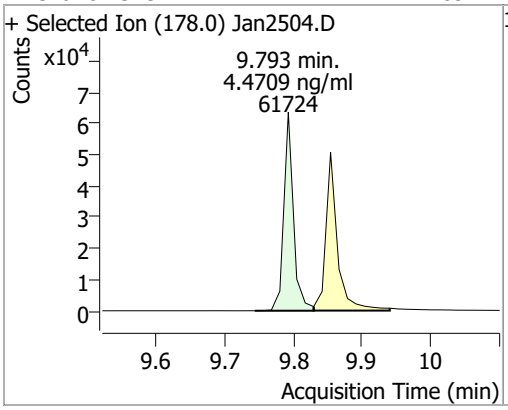
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.0069	8.66	-0.01	31515	165.0	99.8	69.1	128.3
					167.0	13.4	9.7	18.0

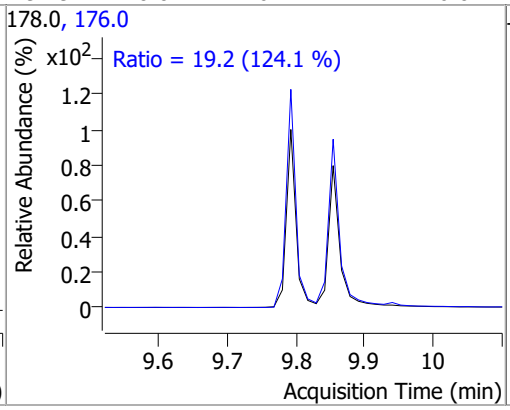


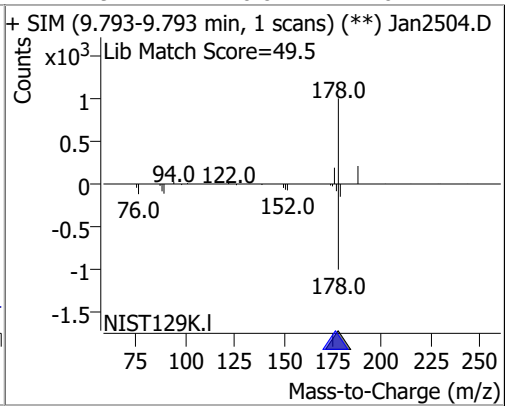




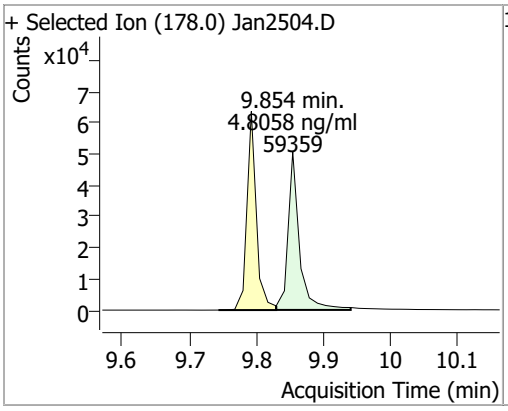
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.4709	9.79	-0.01	61724	176.0	19.2	10.8	20.1

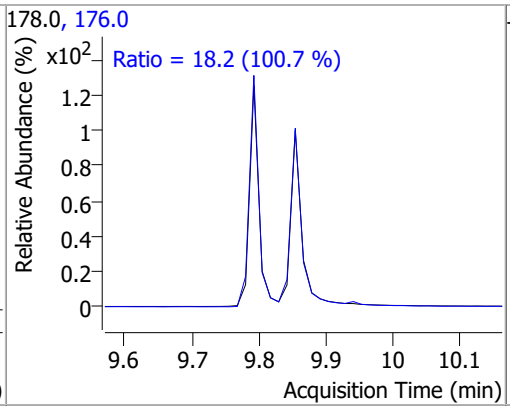


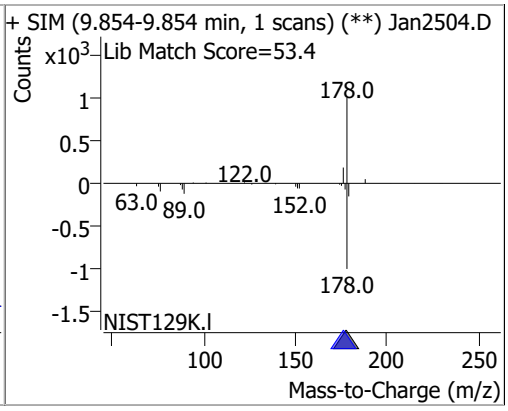




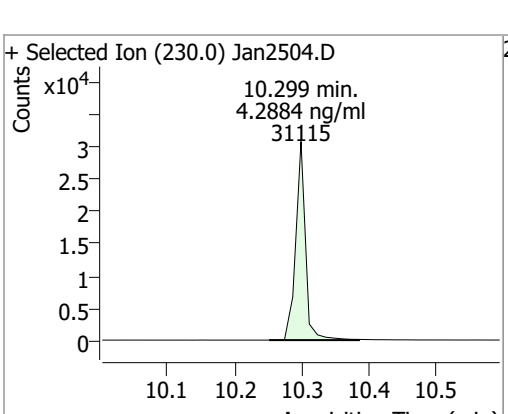
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.8058	9.85	-0.01	59359	176.0	18.2	12.7	23.5

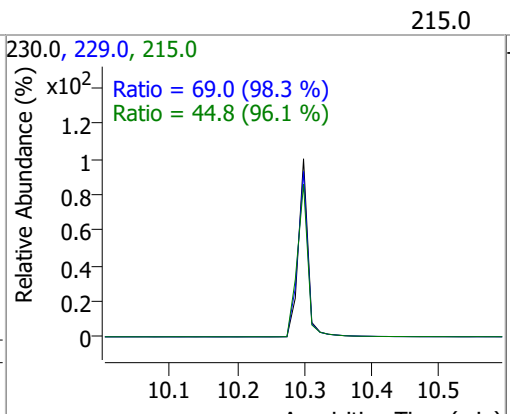


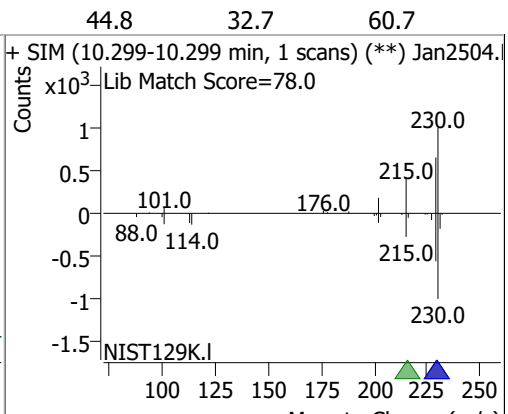




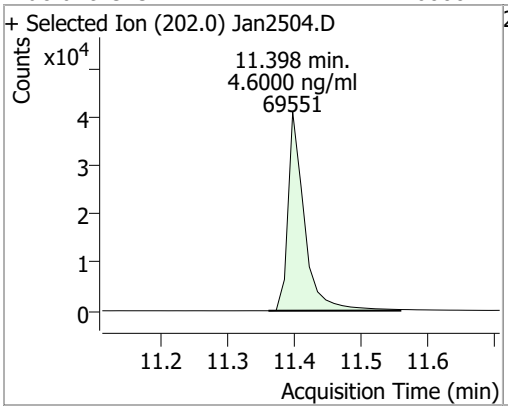
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.2884	10.30	0.00	31115	229.0	69.0	49.2	91.3
					215.0	44.8	32.7	60.7

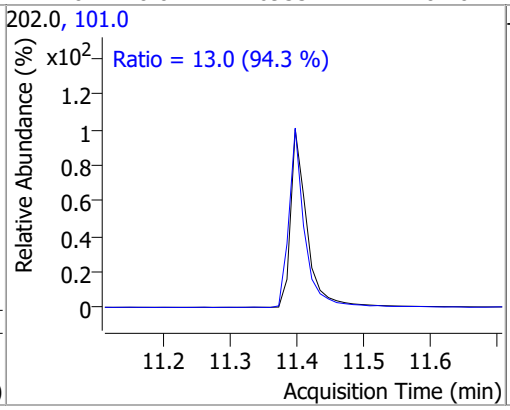


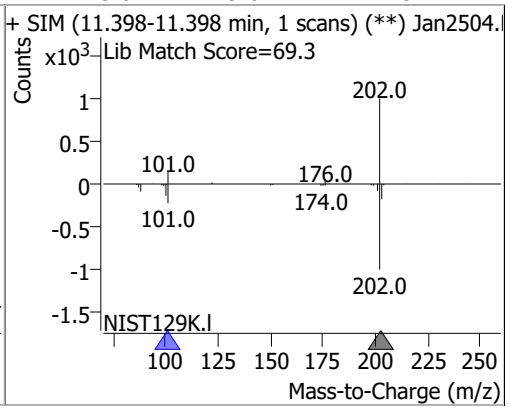




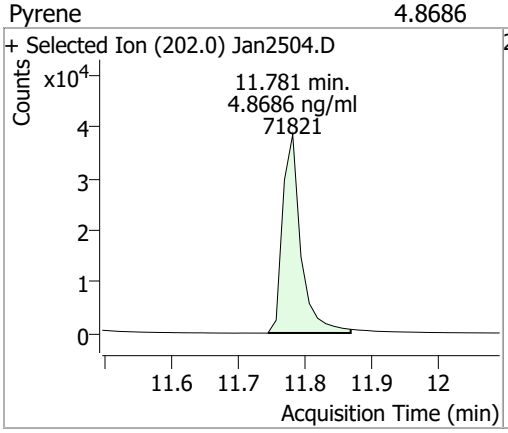
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.6000	11.40	-0.01	69551	101.0	13.0	9.6	17.9

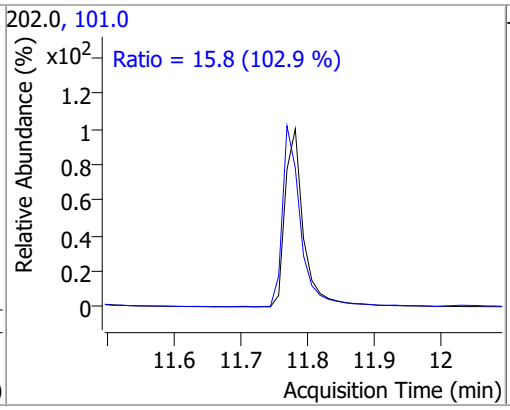


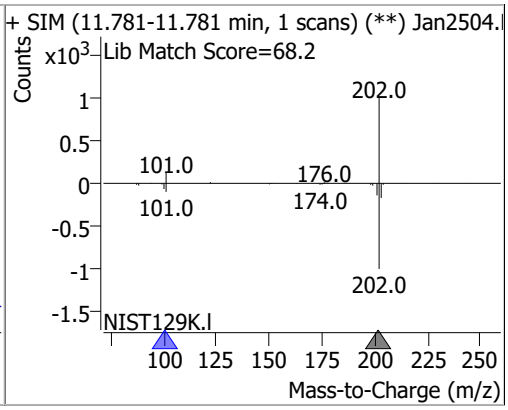




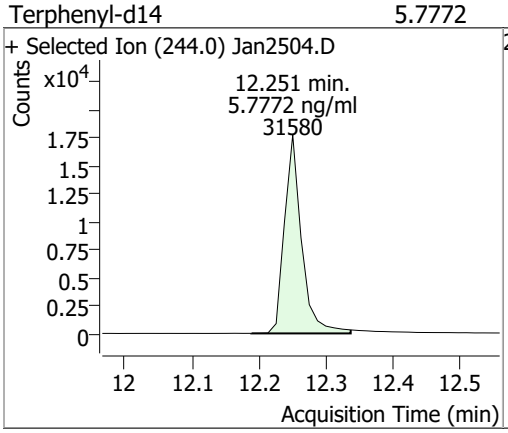
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.8686	11.78	-0.01	71821	101.0	15.8	10.7	20.0

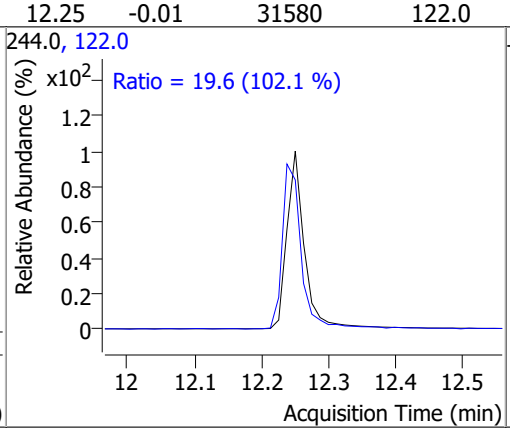


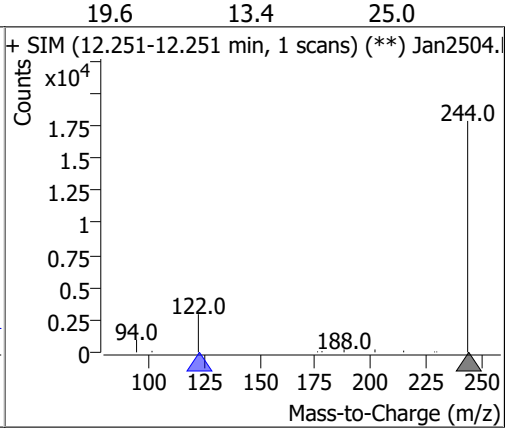




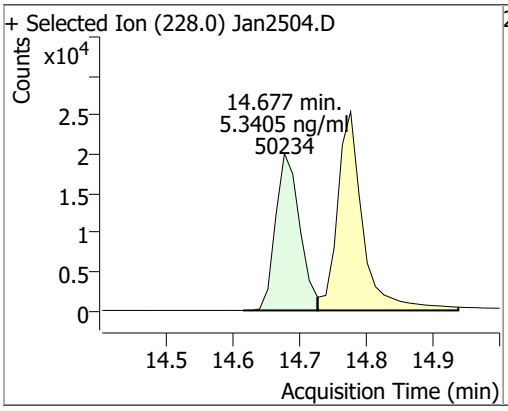
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	5.7772	12.25	-0.01	31580	122.0	19.6	13.4	25.0

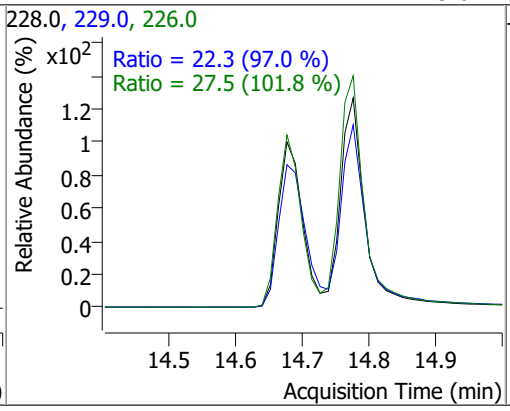


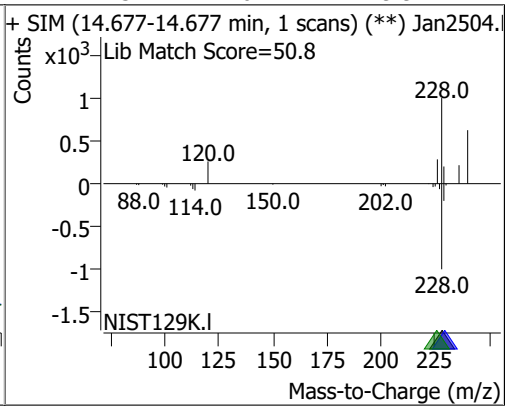




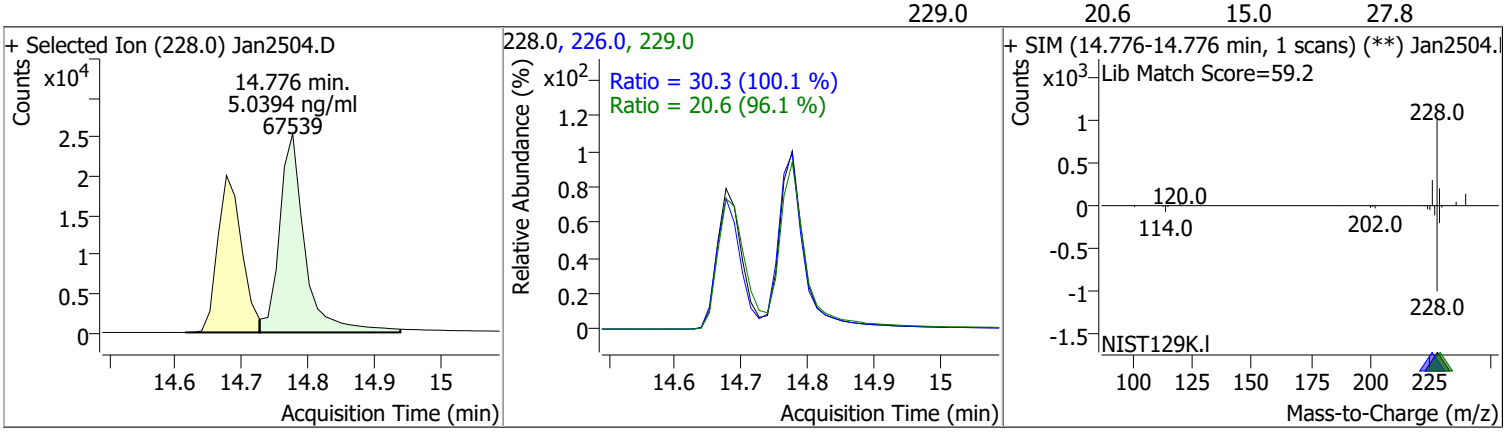
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	5.3405	14.68	-0.02	50234	226.0	27.5	18.9	35.1
					229.0	22.3	16.1	29.9



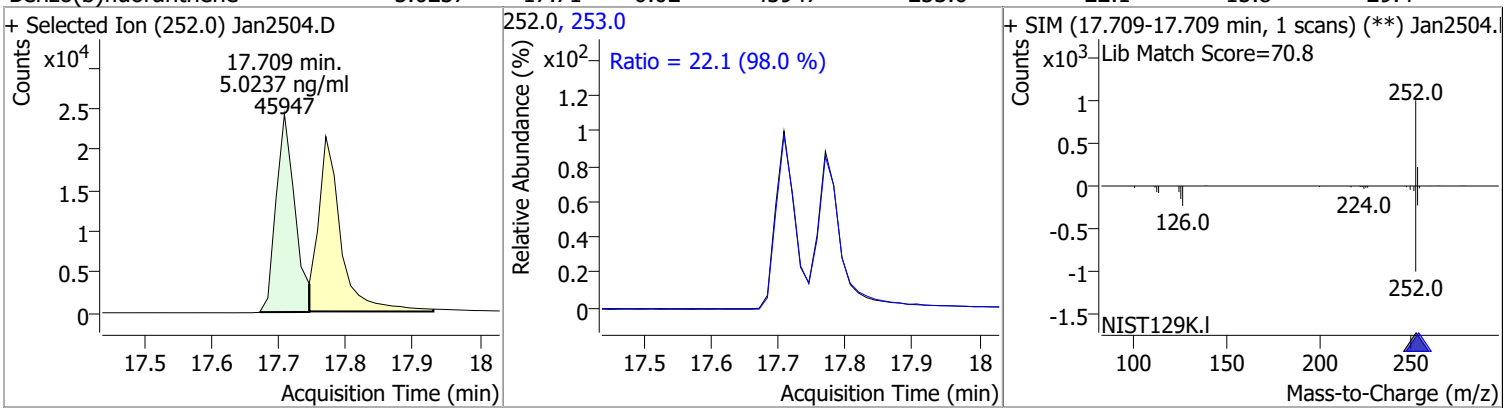




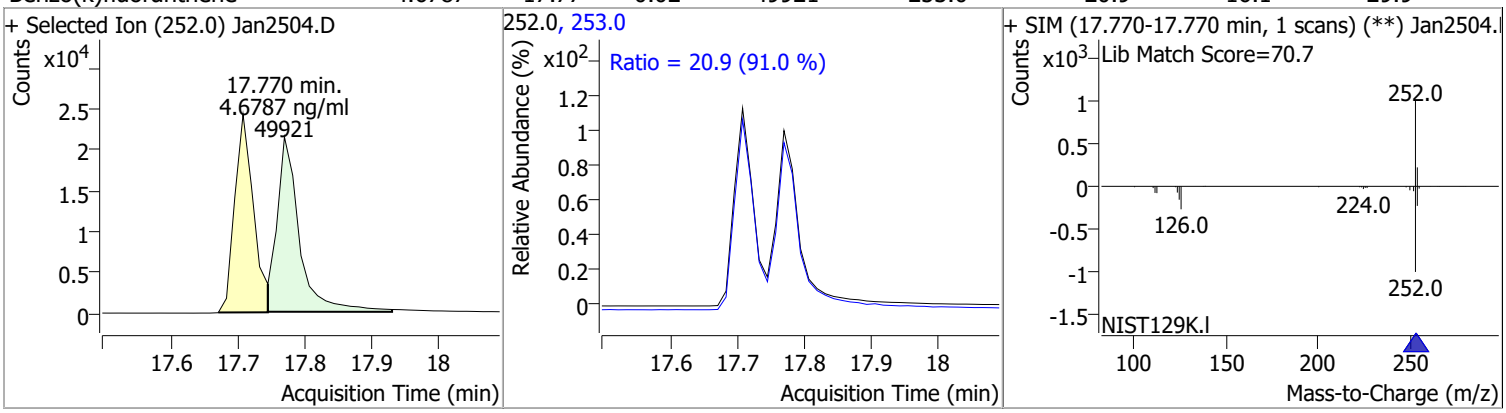
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	5.0394	14.78	-0.01	67539	226.0	30.3	21.2	39.4
					229.0	20.6	15.0	27.8



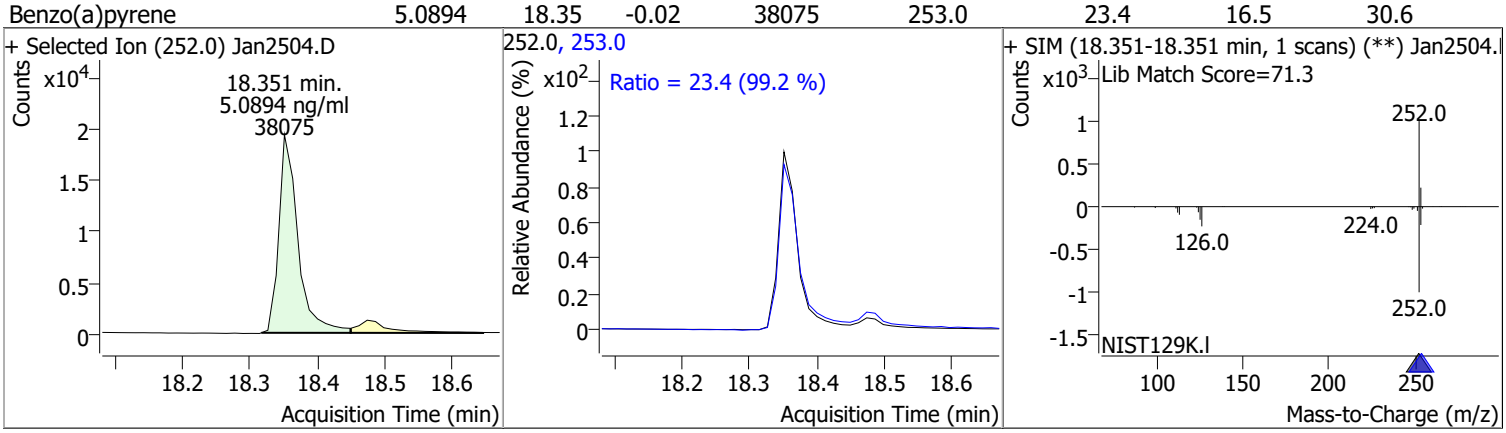
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	5.0237	17.71	-0.02	45947	253.0	22.1	15.8	29.4



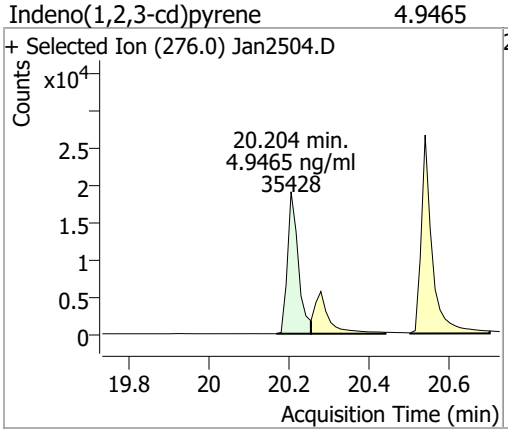
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	4.6787	17.77	-0.02	49921	253.0	20.9	16.1	29.9

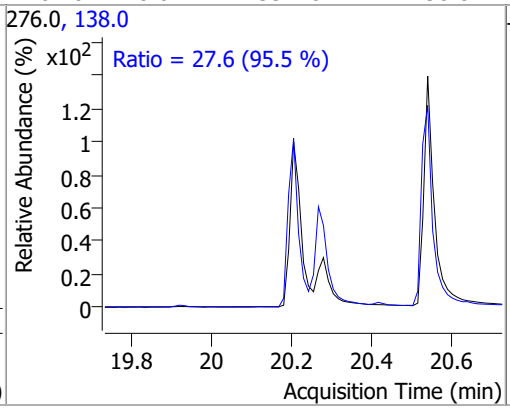


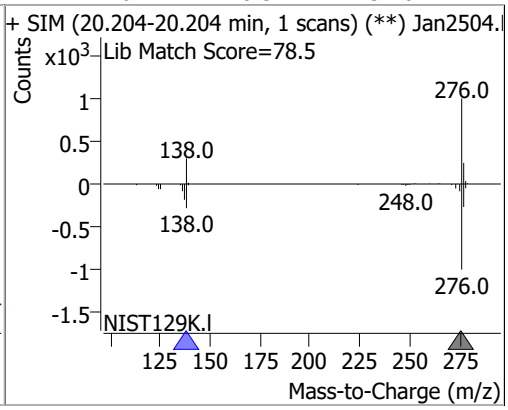
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	5.0894	18.35	-0.02	38075	253.0	23.4	16.5	30.6



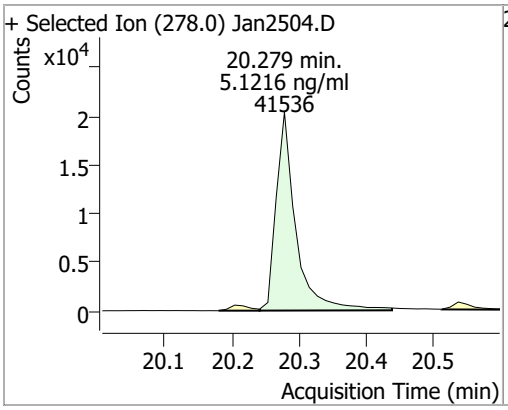
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	4.9465	20.20	-0.02	35428	138.0	27.6	20.3	37.6

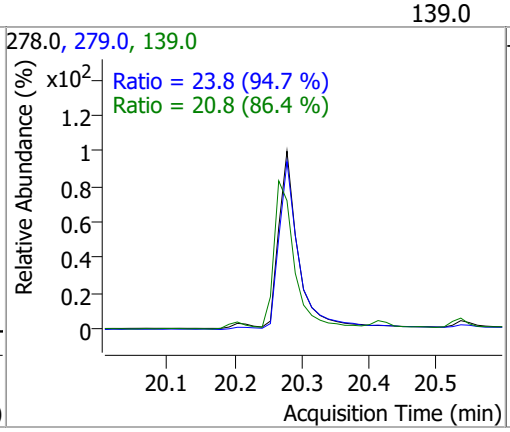


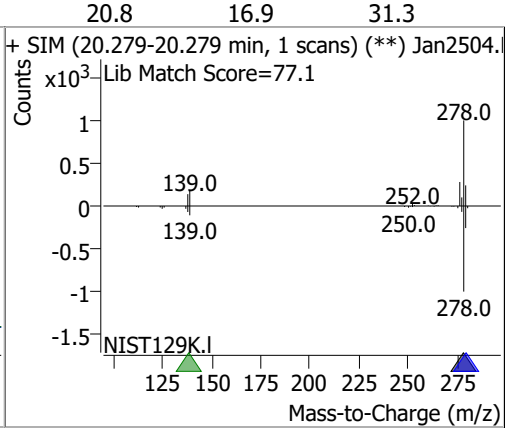




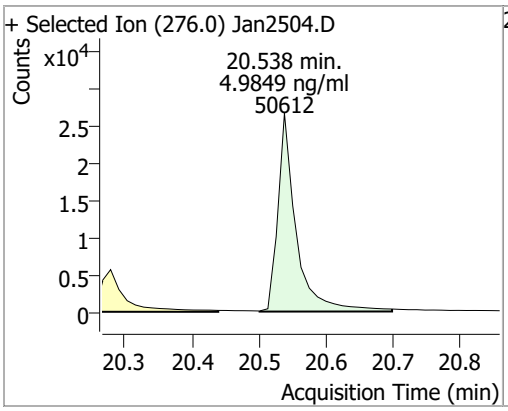
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	5.1216	20.28	-0.02	41536	279.0	23.8	17.6	32.7
					139.0	20.8	16.9	31.3

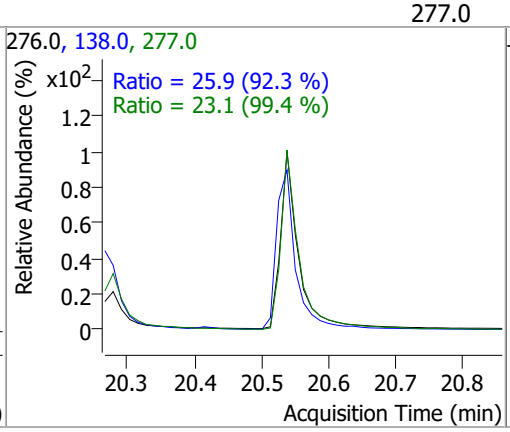


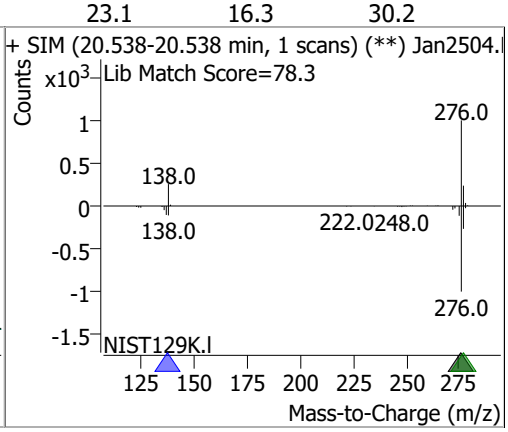




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	4.9849	20.54	-0.02	50612	138.0	25.9	19.6	36.5
					277.0	23.1	16.3	30.2



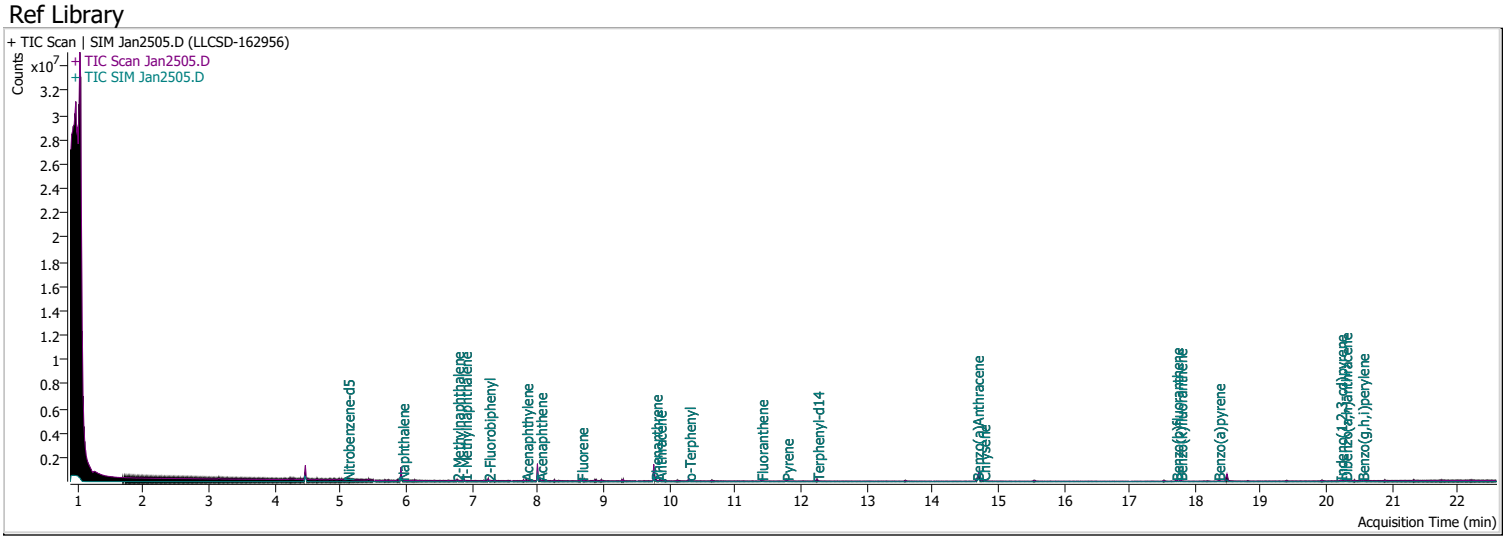




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

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			

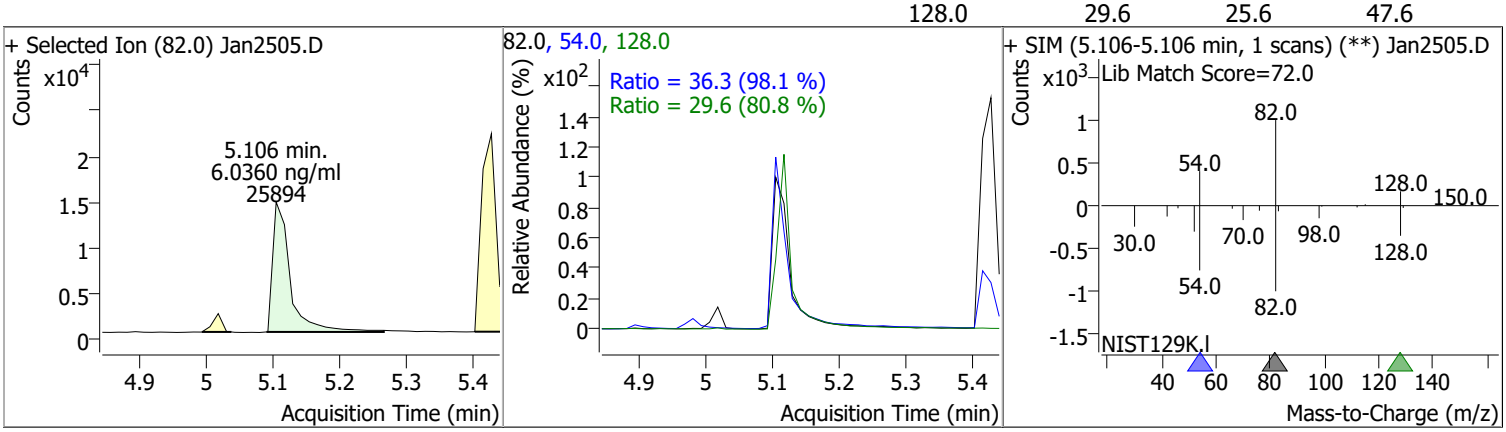


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	185130	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	343252	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.001	164.0	214673	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	400815	40.0000	ng/ml		-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
System Monitoring Compounds							
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%		*	
Target Compounds							**QValue**
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

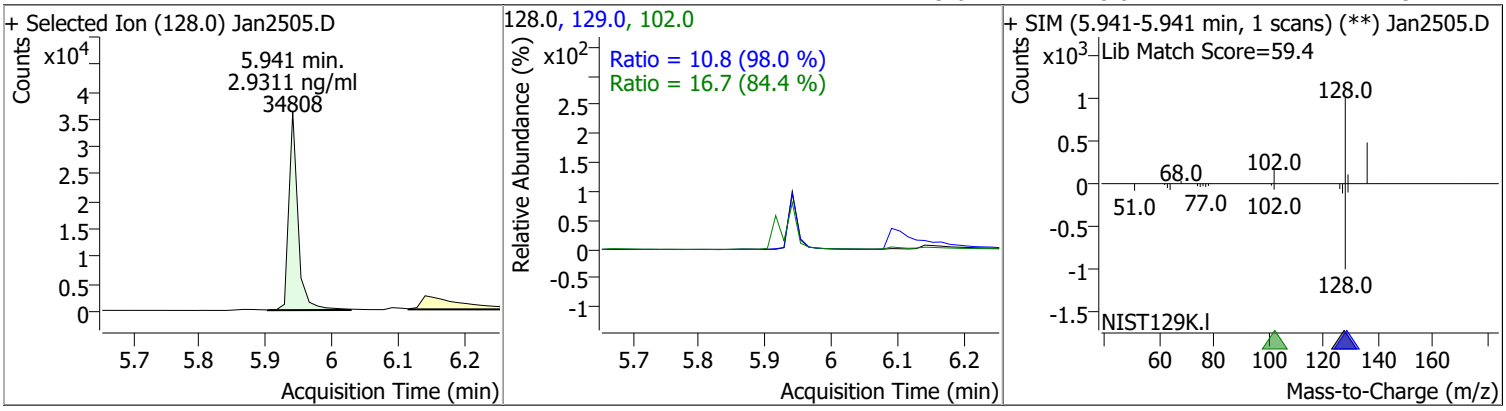
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	47567	4.7356	ng/ml	99
T Benzo(a)pyrene	18.351	252.0	33642	4.8111	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.204	276.0	32597	4.8490	ng/ml	97
T Dibenzo(a,h)anthracene	20.279	278.0	38025	4.9833	ng/ml	97
T Benzo(g,h,i)perylene	20.538	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

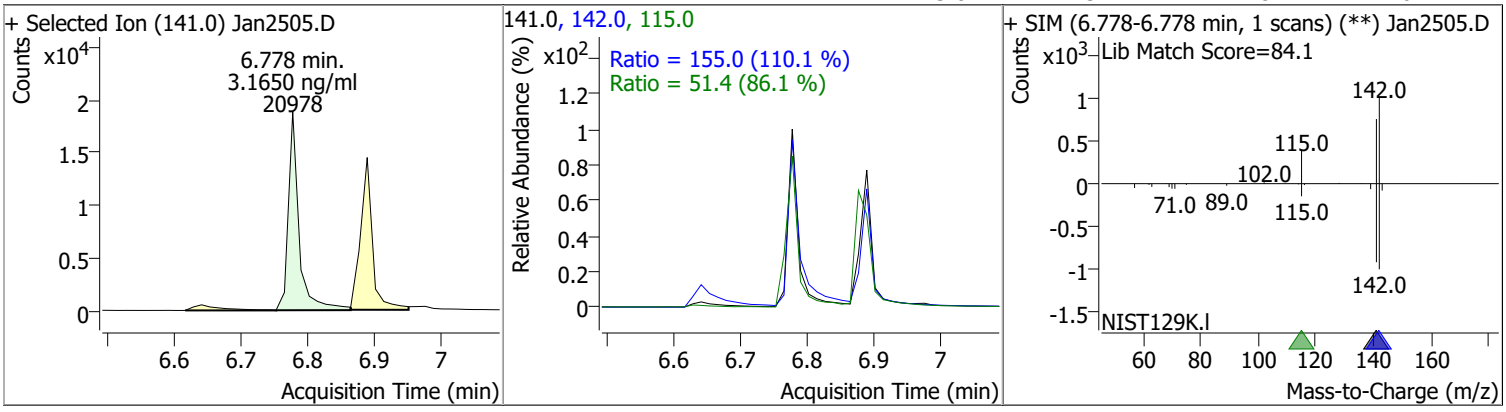
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	6.0360	5.11	-0.04	25894	54.0	36.3	25.9	48.1
					128.0	29.6	25.6	47.6



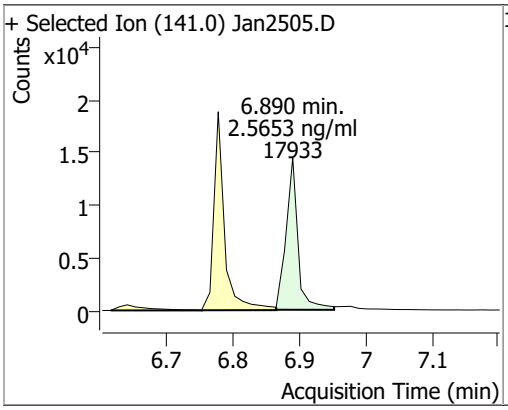
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.9311	5.94	-0.01	34808	102.0	16.7	0.0	59.6
					129.0	10.8	7.7	14.3

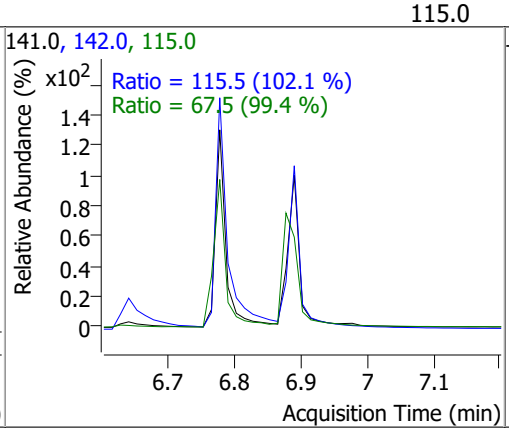


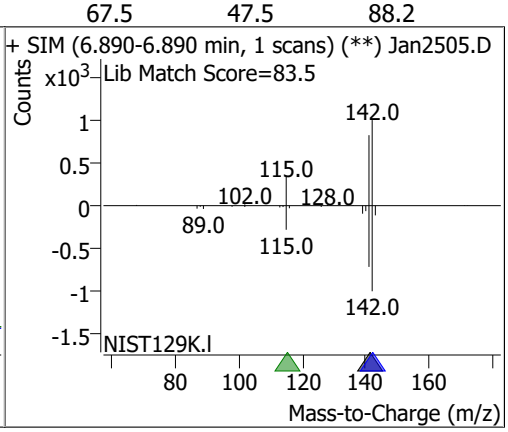
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.1650	6.78	-0.01	20978	142.0	155.0	98.5	183.0
					115.0	51.4	41.8	77.6



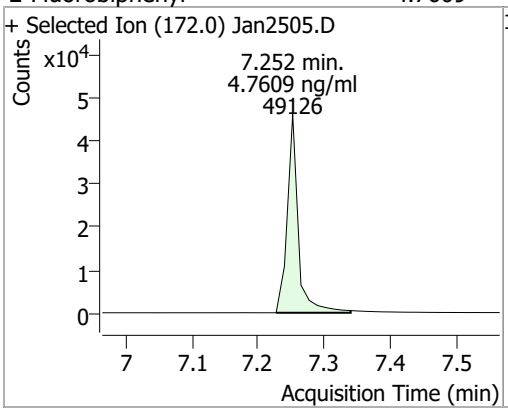
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.5653	6.89	-0.01	17933	142.0	115.5	79.2	147.1
					115.0	67.5	47.5	88.2

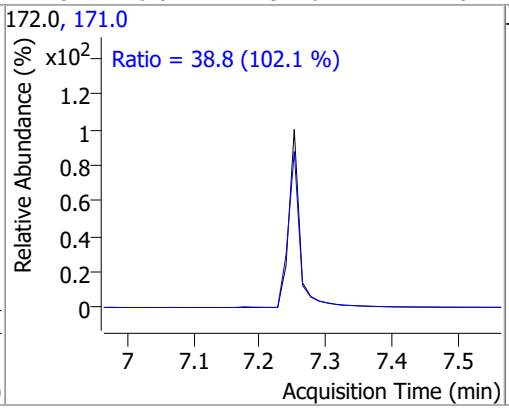


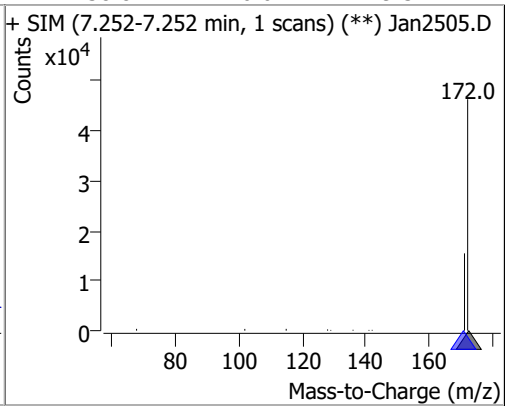




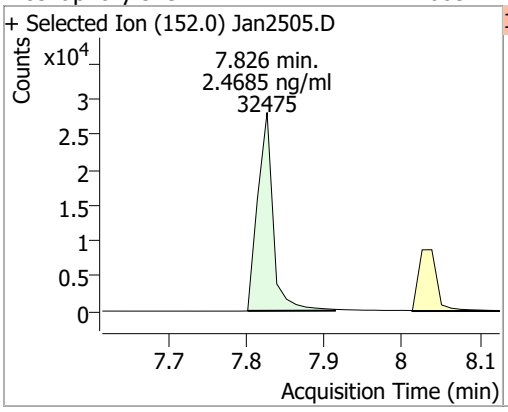
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	4.7609	7.25	-0.01	49126	171.0	38.8	26.6	49.5

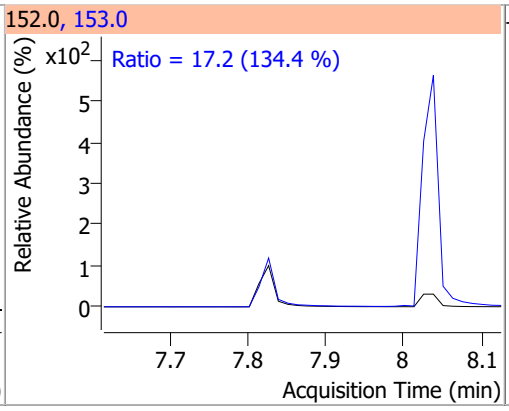


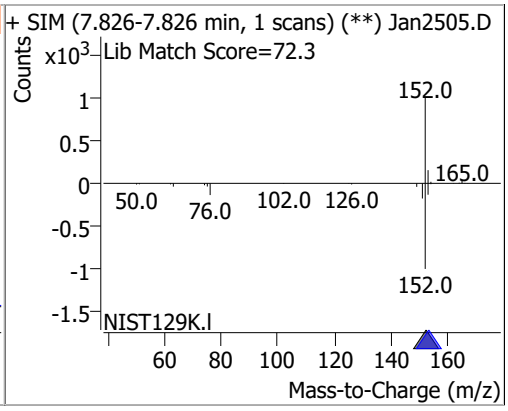




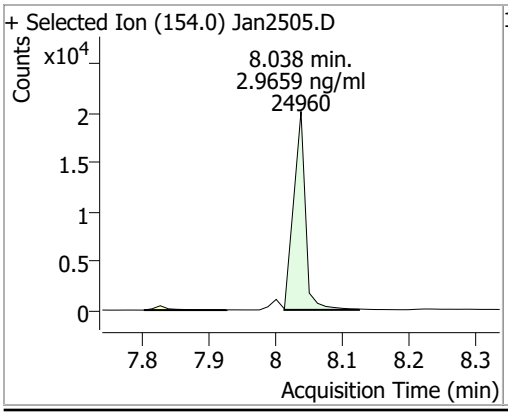
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	2.4685	7.83	0.00	32475	153.0	17.2	9.0	16.6

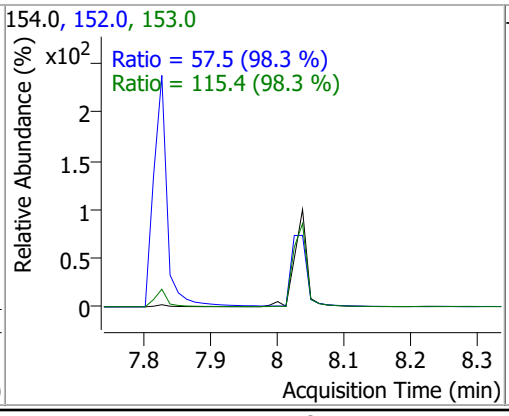


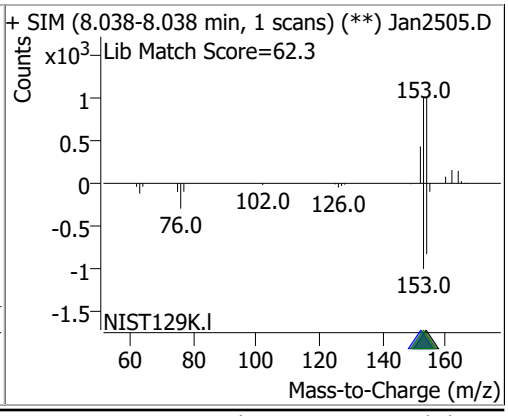




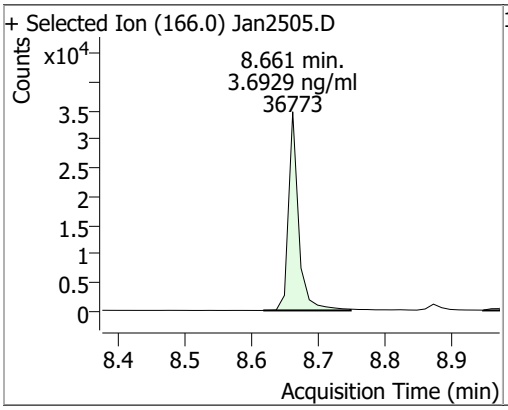
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	2.9659	8.04	0.00	24960	153.0	115.4	82.1	152.6
					152.0	57.5	41.0	76.1

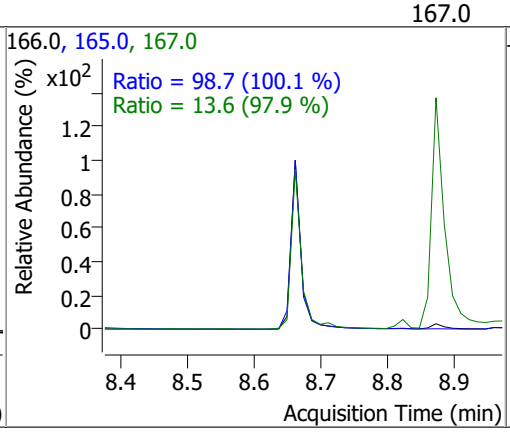


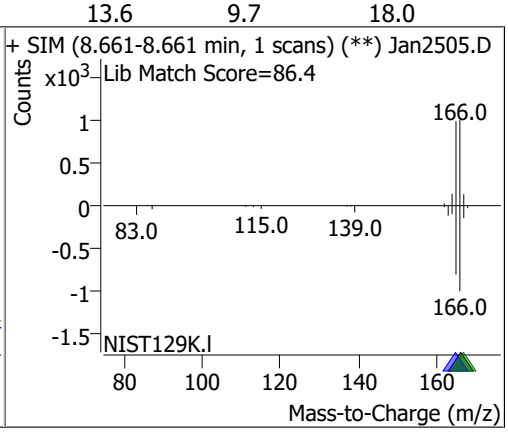




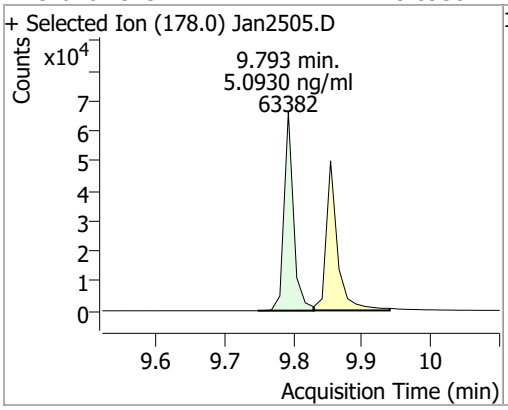
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.6929	8.66	-0.01	36773	165.0	98.7	69.1	128.3
					167.0	13.6	9.7	18.0

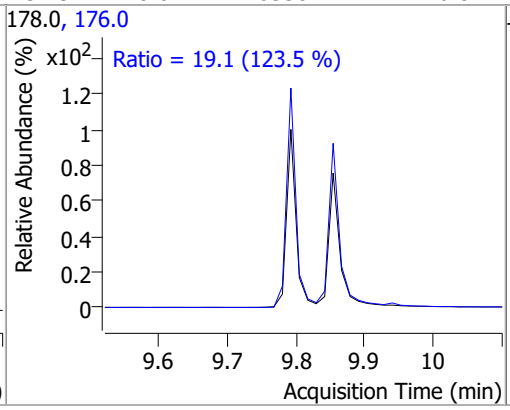


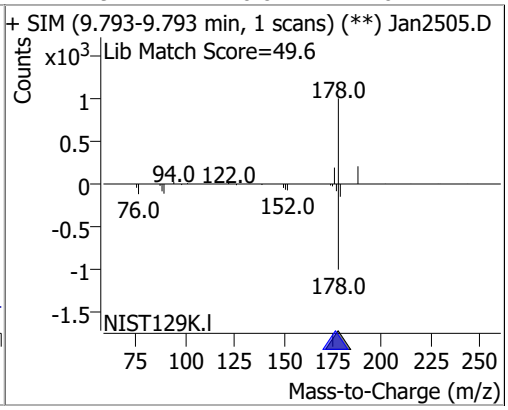




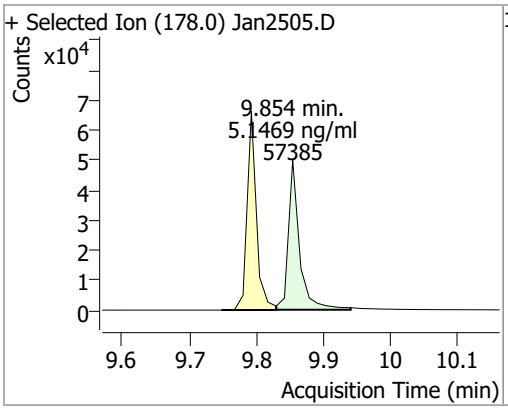
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	5.0930	9.79	-0.01	63382	176.0	19.1	10.8	20.1

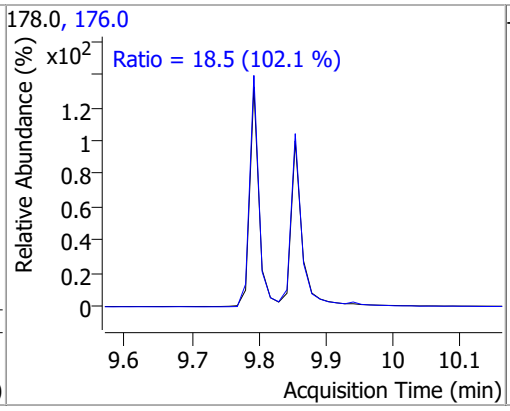


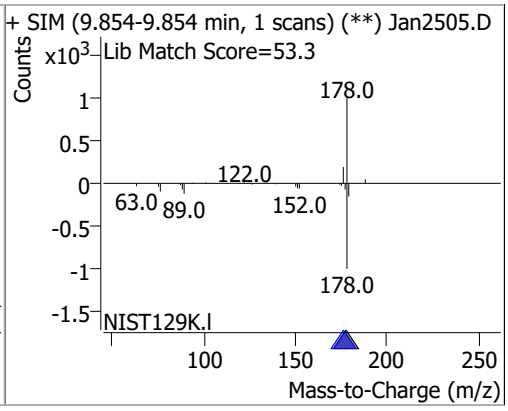




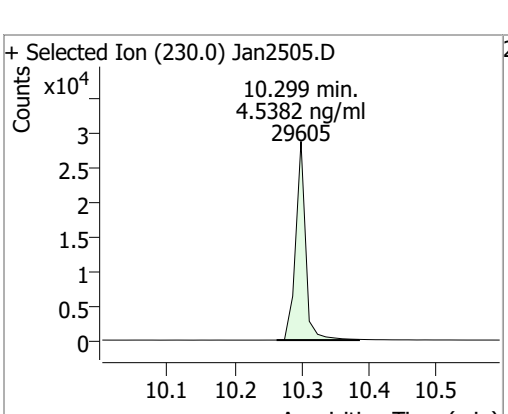
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	5.1469	9.85	-0.01	57385	176.0	18.5	12.7	23.5

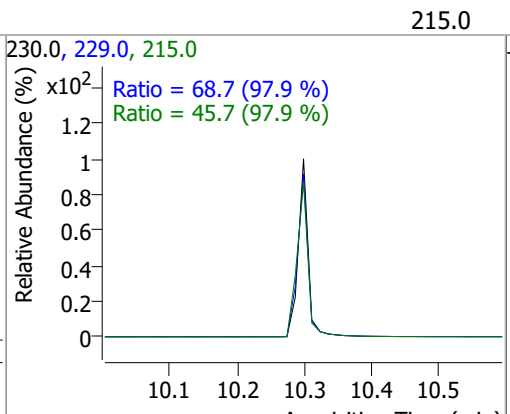


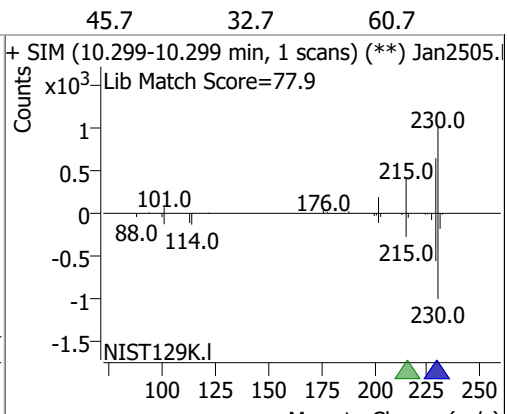




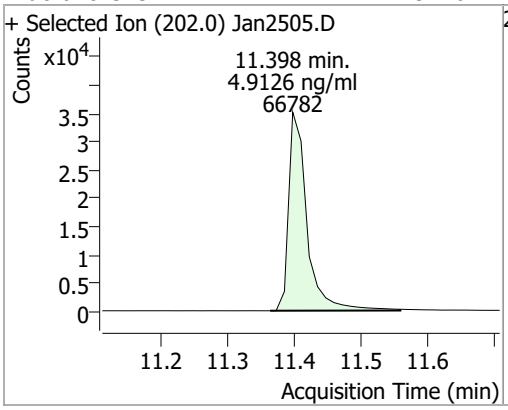
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.5382	10.30	0.00	29605	229.0	68.7	49.2	91.3
					215.0	45.7	32.7	60.7

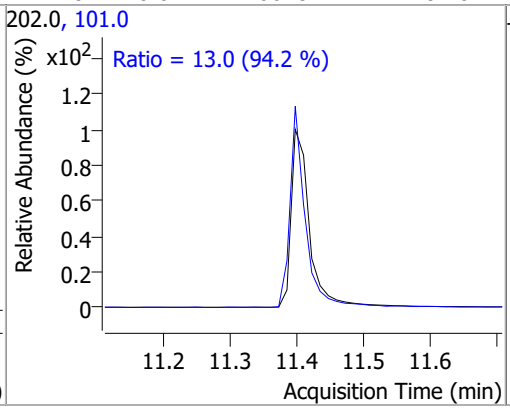


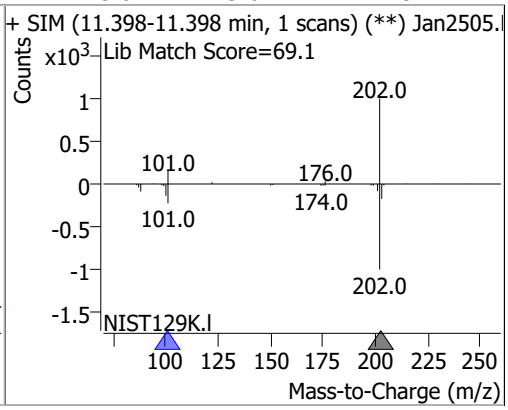




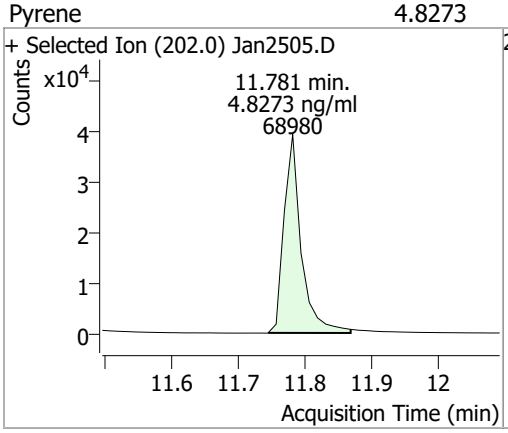
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.9126	11.40	-0.01	66782	101.0	13.0	9.6	17.9

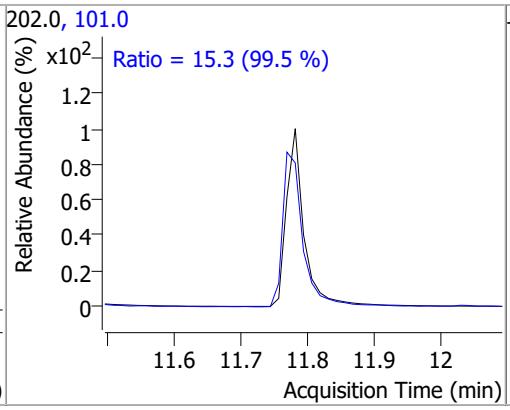


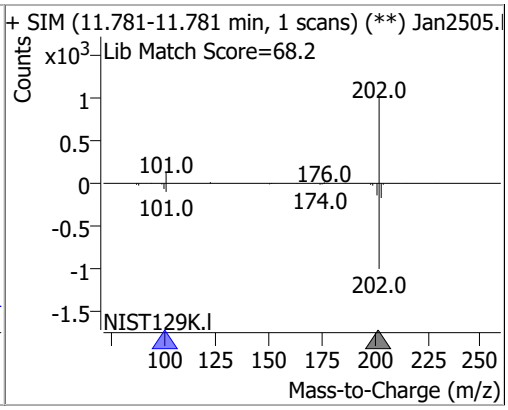




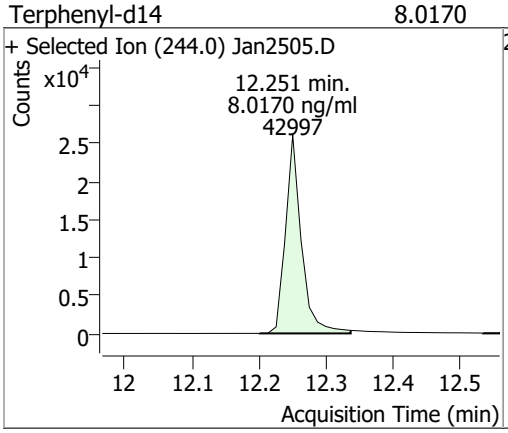
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.8273	11.78	-0.01	68980	101.0	15.3	10.7	20.0

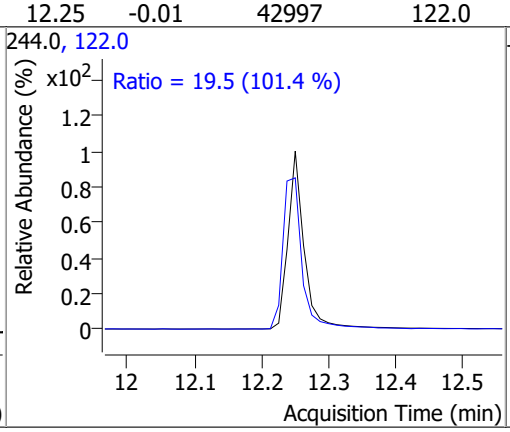


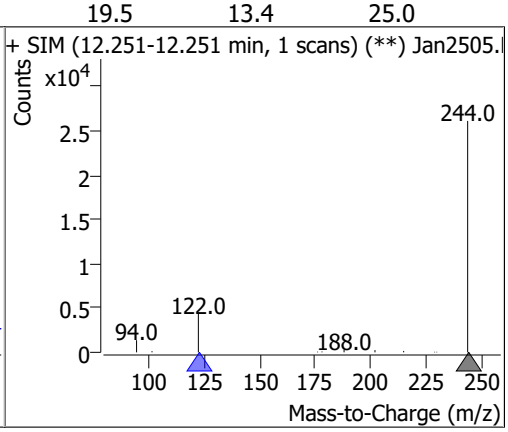




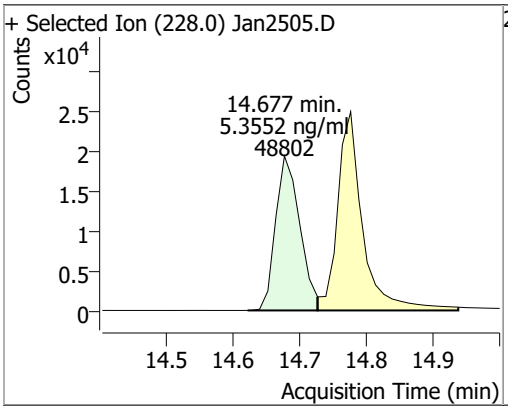
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	8.0170	12.25	-0.01	42997	122.0	19.5	13.4	25.0

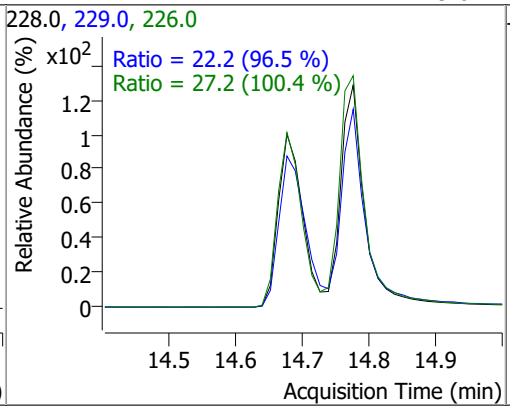


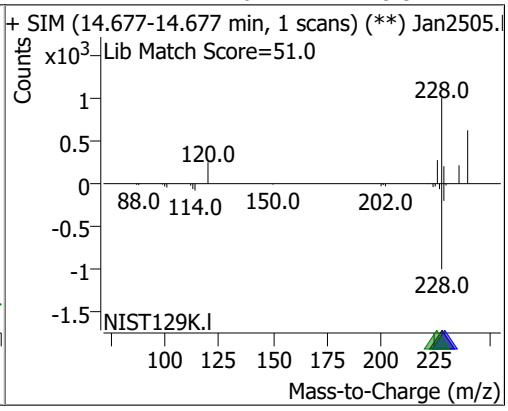




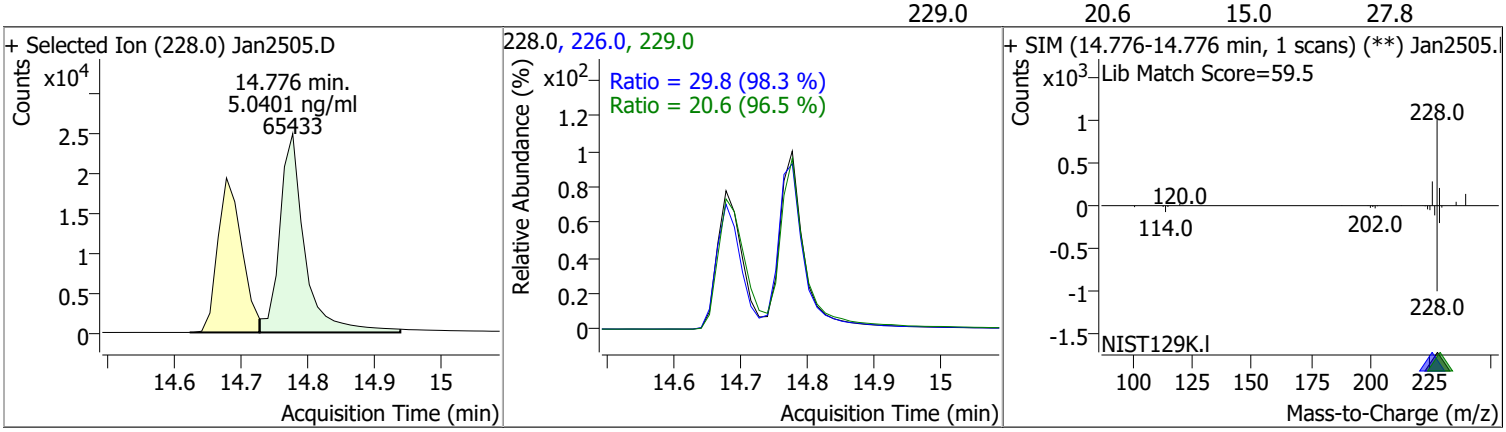
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	5.3552	14.68	-0.02	48802	226.0	27.2	18.9	35.1
					229.0	22.2	16.1	29.9



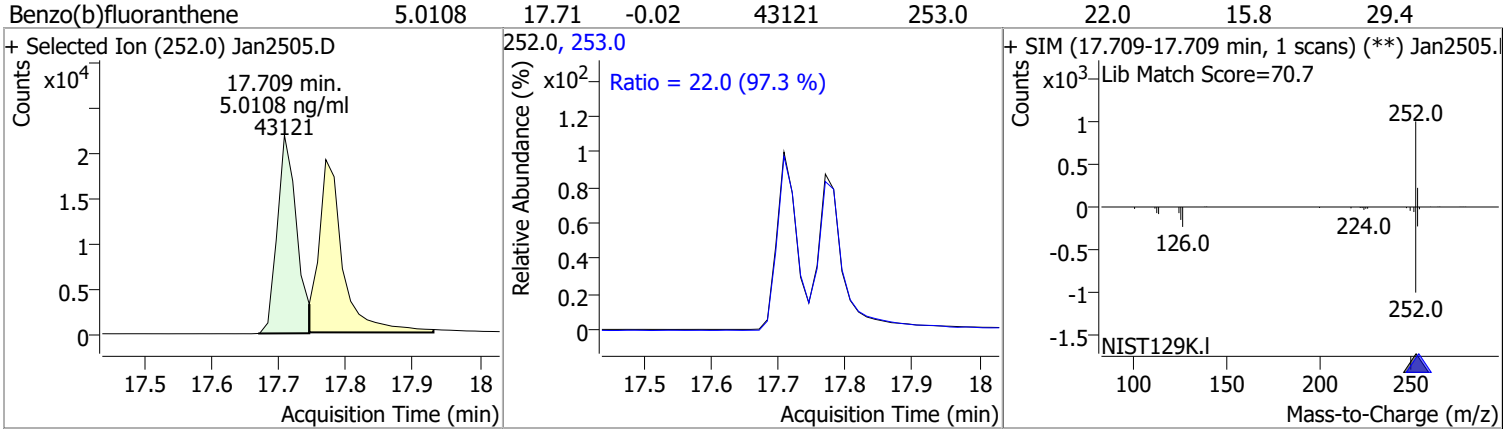




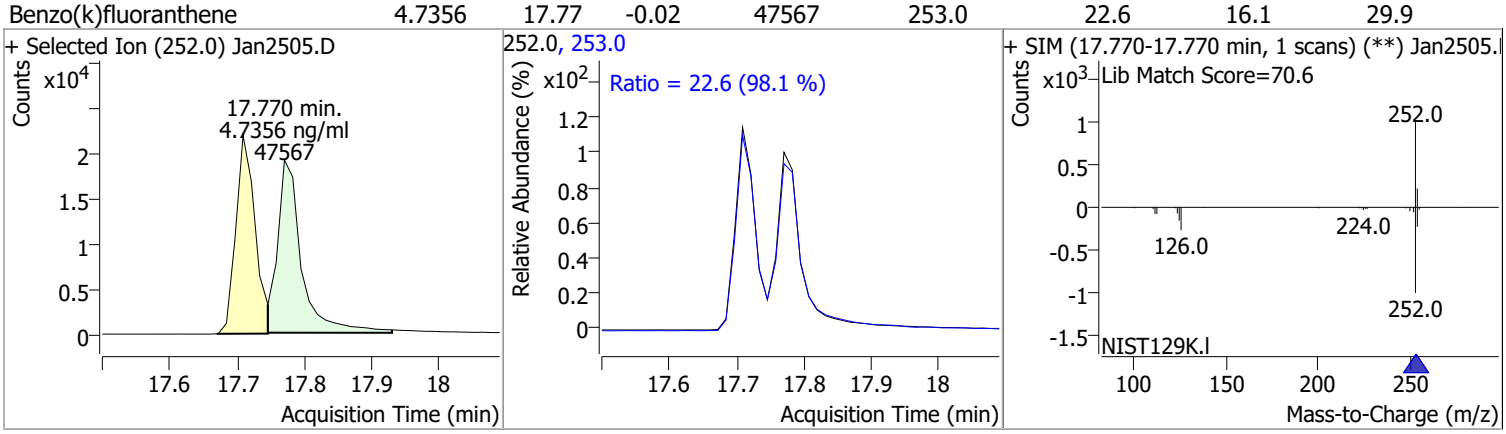
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	5.0401	14.78	-0.01	65433	226.0	29.8	21.2	39.4
					229.0	20.6	15.0	27.8



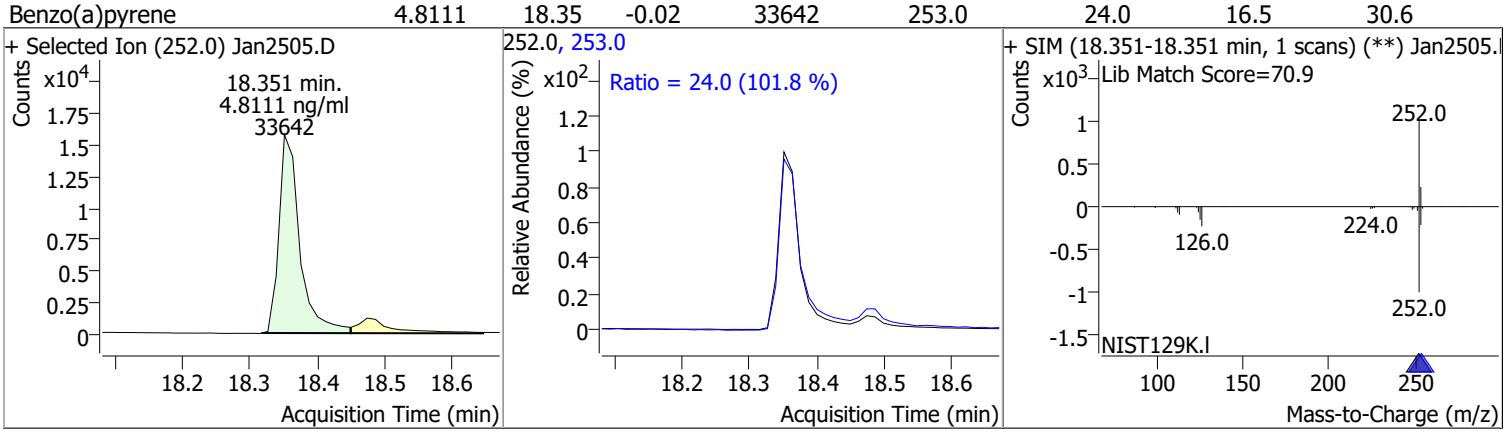
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	5.0108	17.71	-0.02	43121	253.0	22.0	15.8	29.4



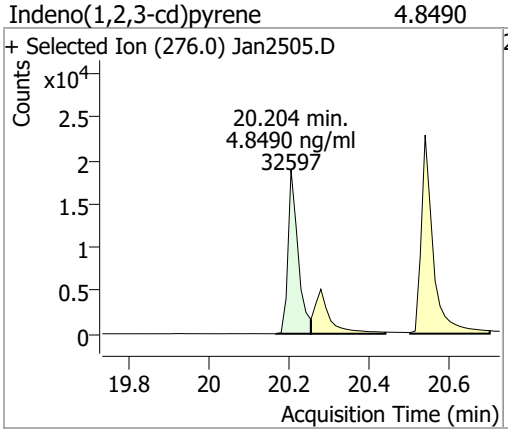
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	4.7356	17.77	-0.02	47567	253.0	22.6	16.1	29.9

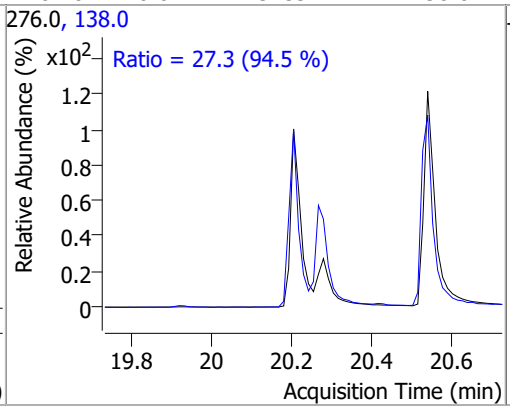


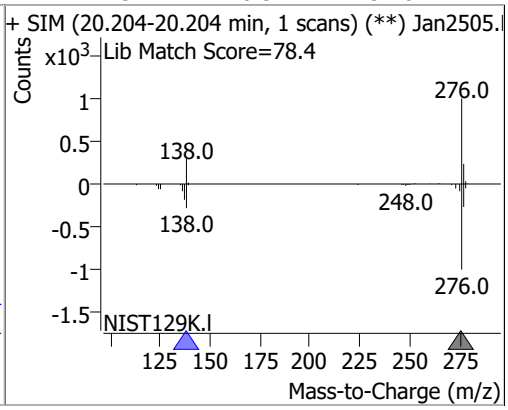
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	4.8111	18.35	-0.02	33642	253.0	24.0	16.5	30.6



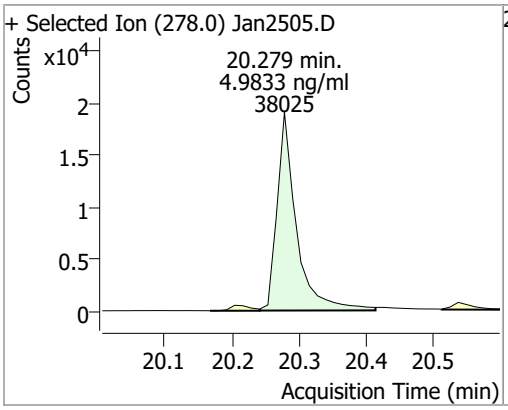
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	4.8490	20.20	-0.02	32597	138.0	27.3	20.3	37.6

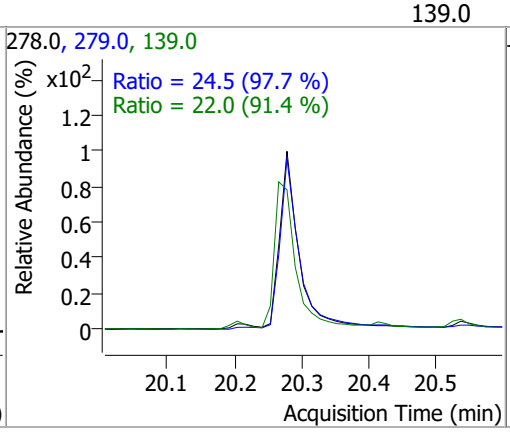


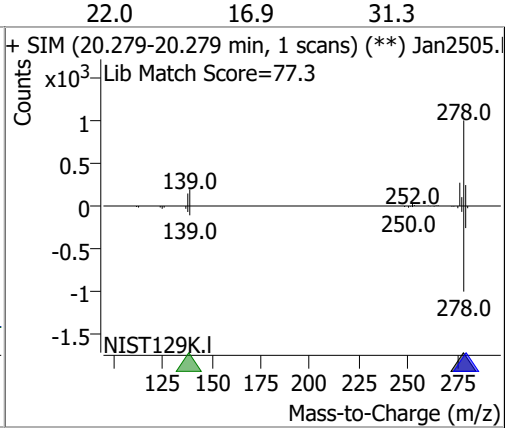




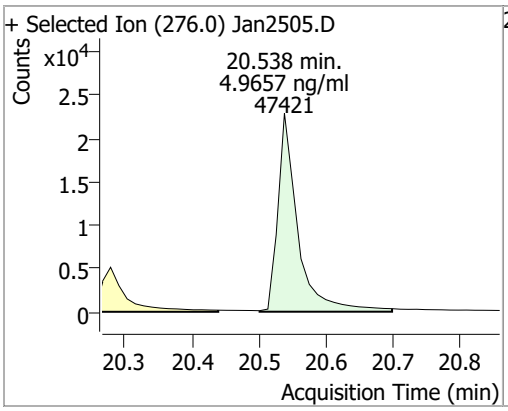
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	4.9833	20.28	-0.02	38025	279.0	24.5	17.6	32.7
					139.0	22.0	16.9	31.3

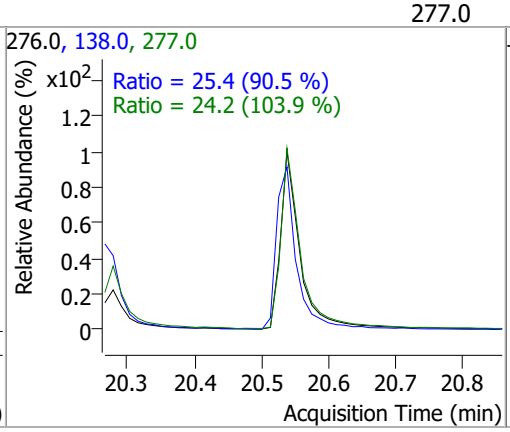


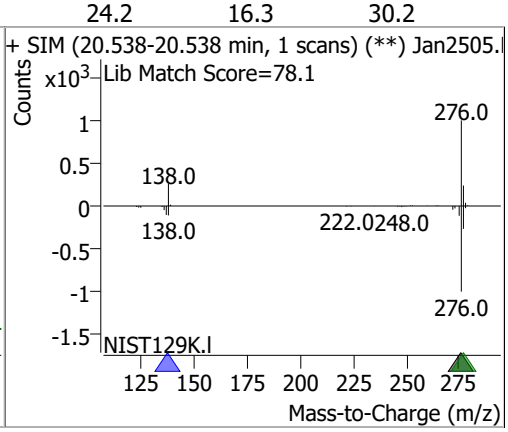




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	4.9657	20.54	-0.02	47421	138.0	25.4	19.6	36.5
					277.0	24.2	16.3	30.2



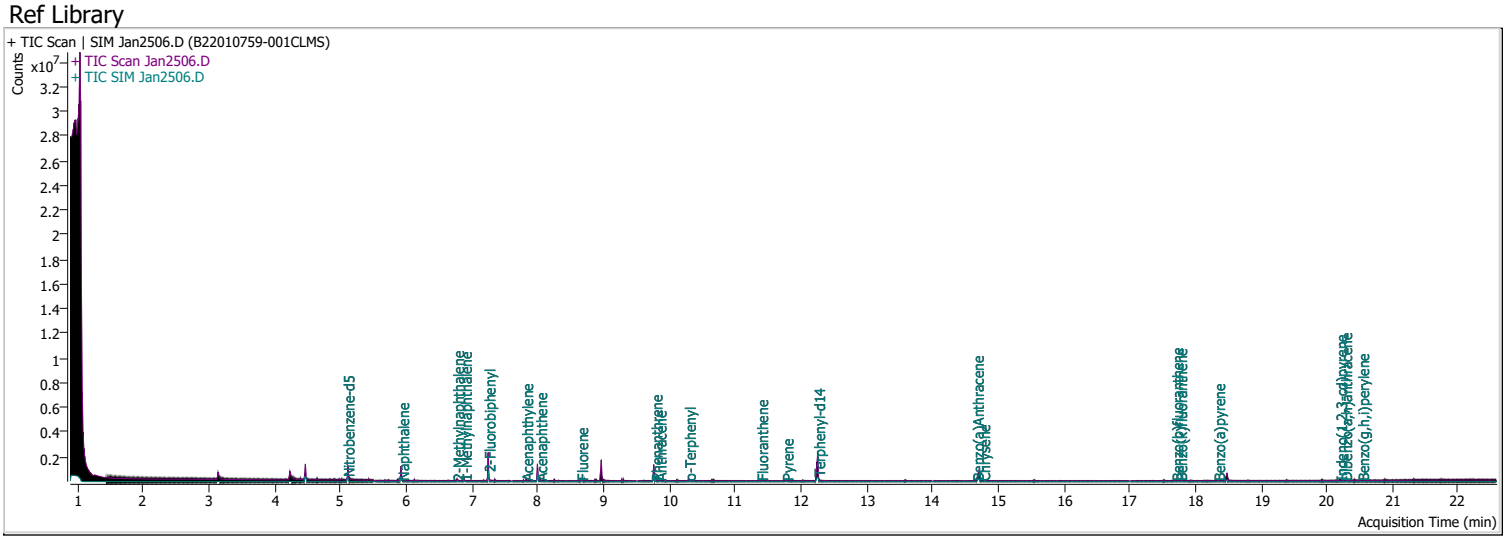




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

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			

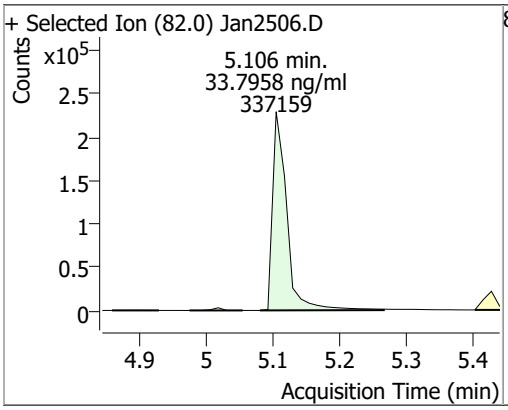


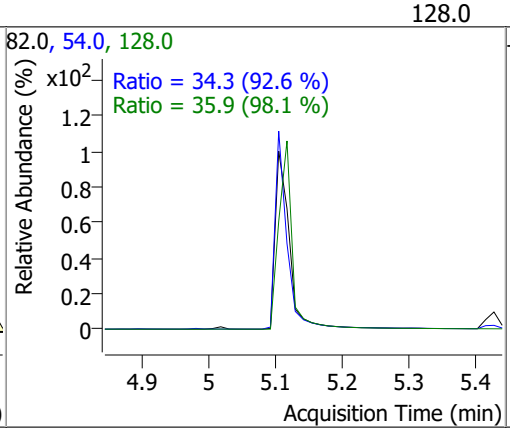
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	196543	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	365074	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.001	164.0	221666	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	448337	40.0000	ng/ml		-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
System Monitoring Compounds							
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%		*	
Target Compounds							**QValue**
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

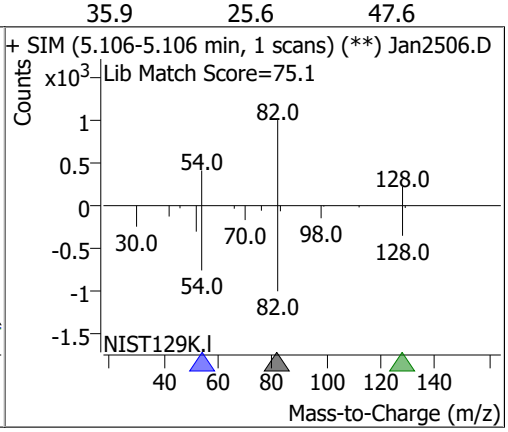
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	39867	3.8608	ng/ml	98
T Benzo(a)pyrene	18.351	252.0	28907	4.0628	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.204	276.0	29644	4.3151	ng/ml	94
T Dibenzo(a,h)anthracene	20.279	278.0	32334	4.0910	ng/ml	98
T Benzo(g,h,i)perylene	20.538	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

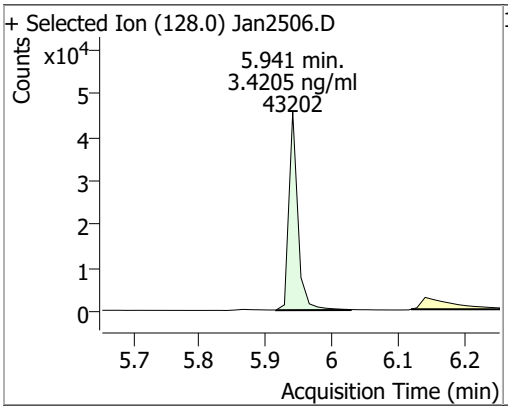
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	33.7958	5.11	-0.04	337159	54.0	34.3	25.9	48.1
					128.0	35.9	25.6	47.6

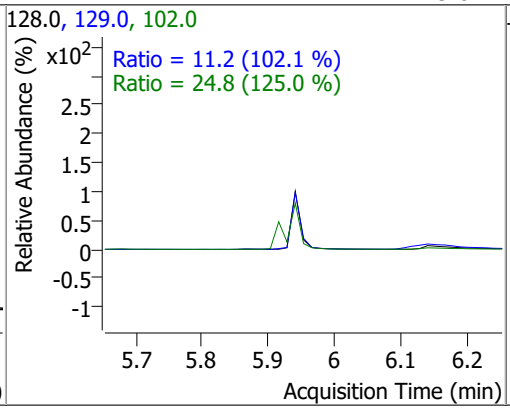


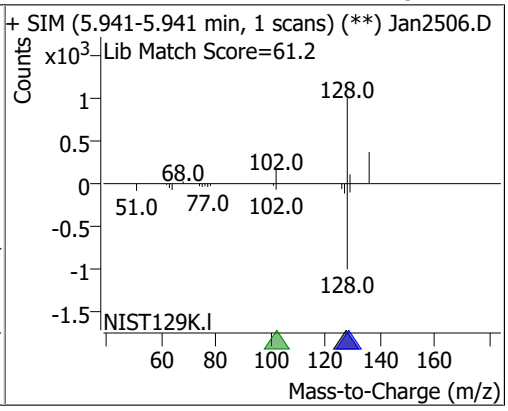




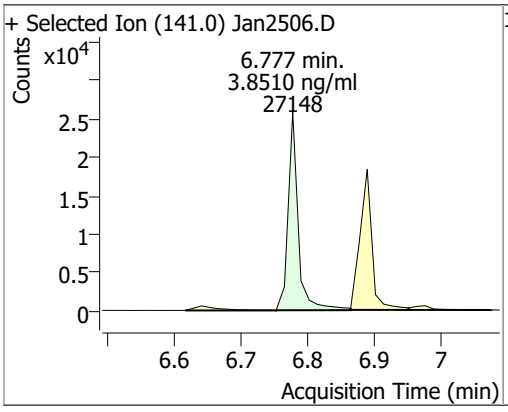
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.4205	5.94	-0.01	43202	102.0	24.8	0.0	59.6
					129.0	11.2	7.7	14.3

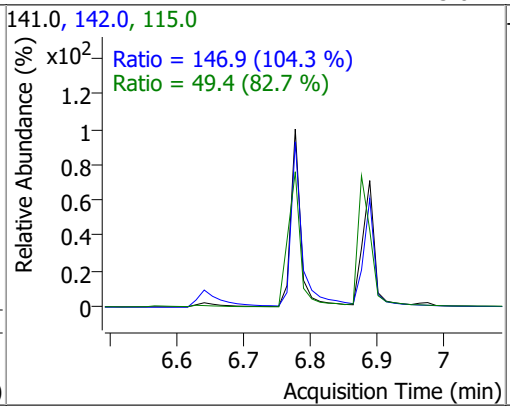


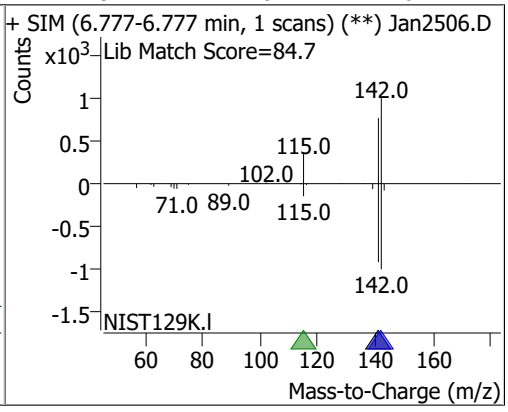




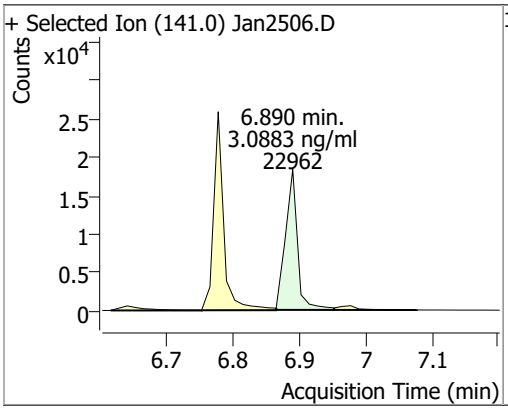
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.8510	6.78	-0.01	27148	142.0	146.9	98.5	183.0
					115.0	49.4	41.8	77.6

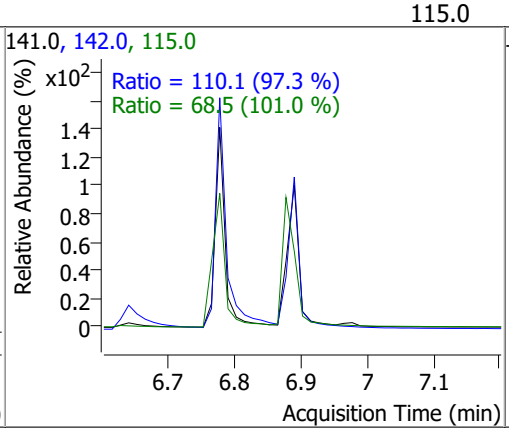


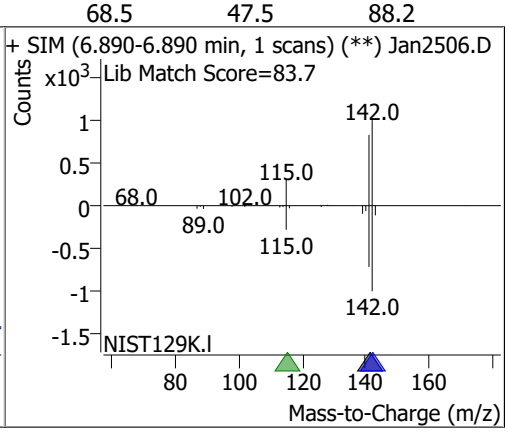




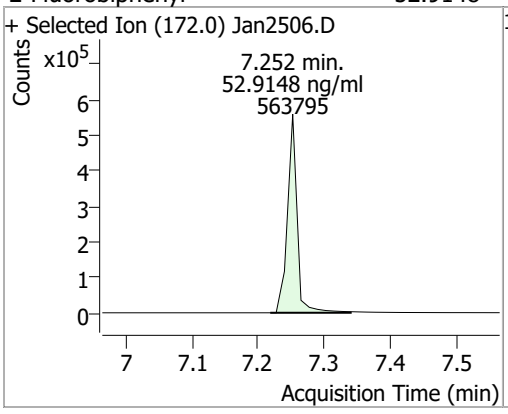
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	3.0883	6.89	-0.01	22962	142.0	110.1	79.2	147.1
					115.0	68.5	47.5	88.2

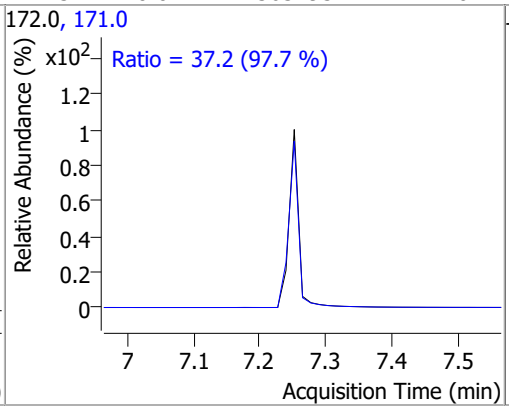


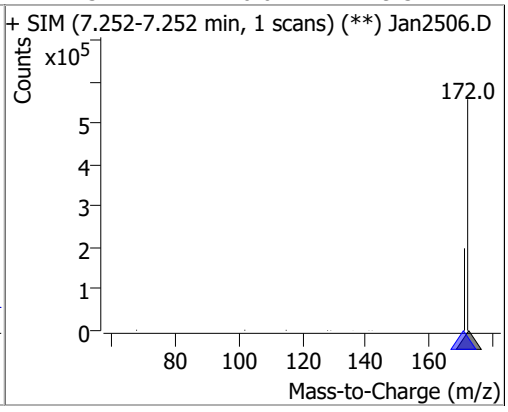




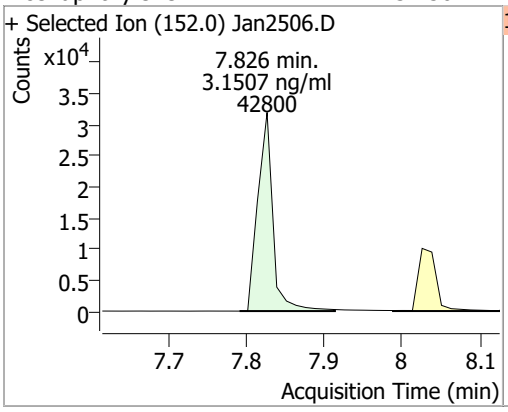
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	52.9148	7.25	-0.01	563795	171.0	37.2	26.6	49.5

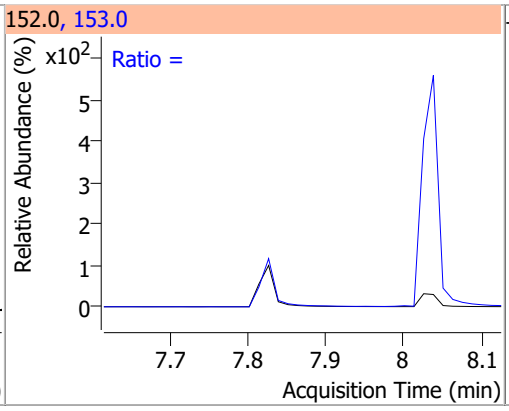


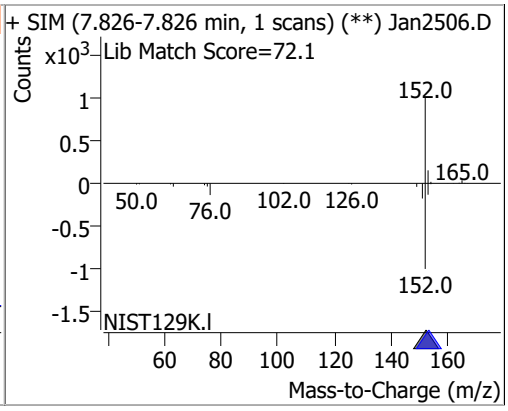




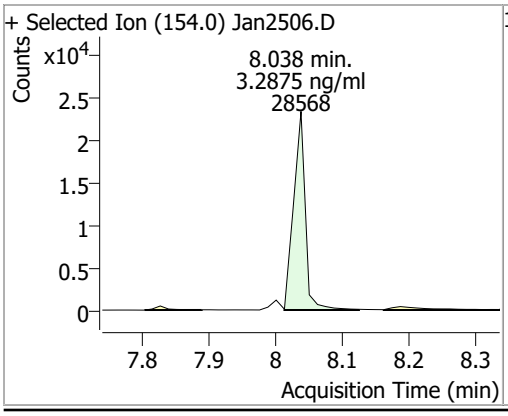
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	3.1507	7.83	0.00	42800	153.0		9.0	16.6

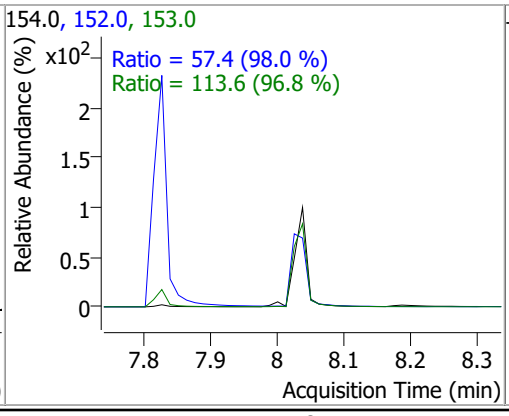


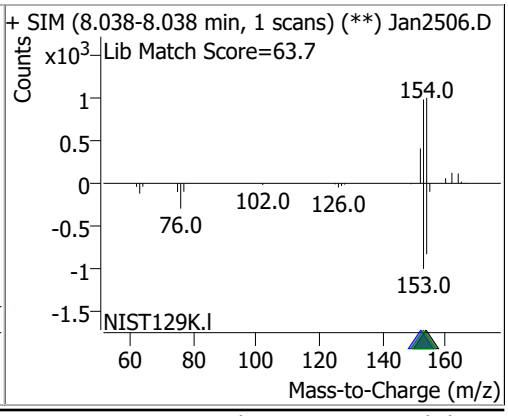




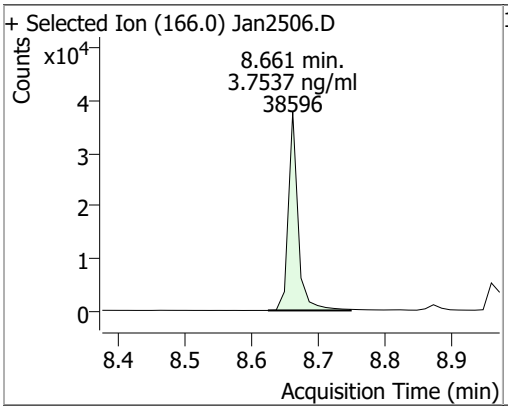
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	3.2875	8.04	0.00	28568	153.0	113.6	82.1	152.6
					152.0	57.4	41.0	76.1

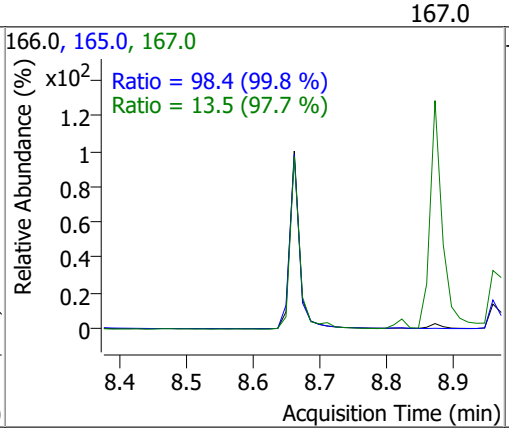


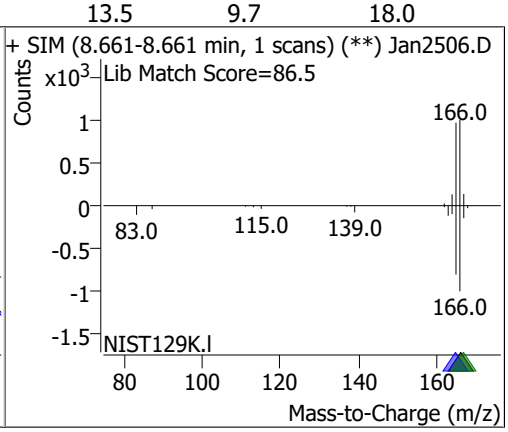




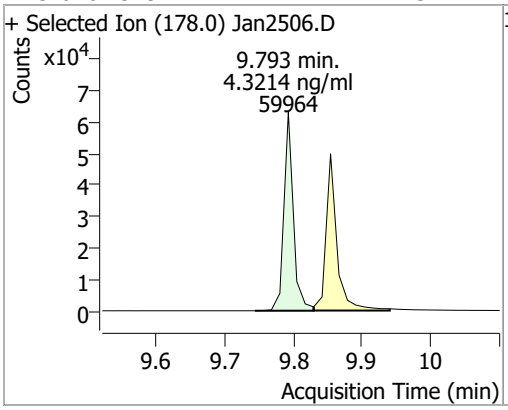
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.7537	8.66	-0.01	38596	165.0	98.4	69.1	128.3
					167.0	13.5	9.7	18.0

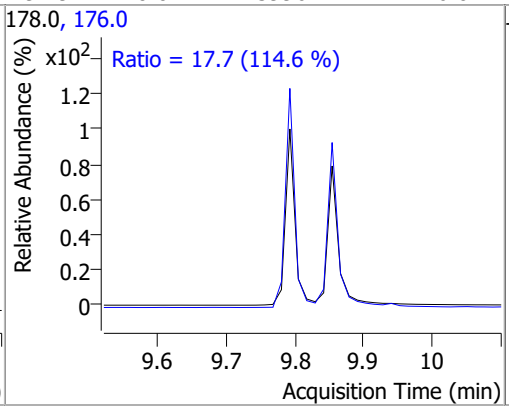


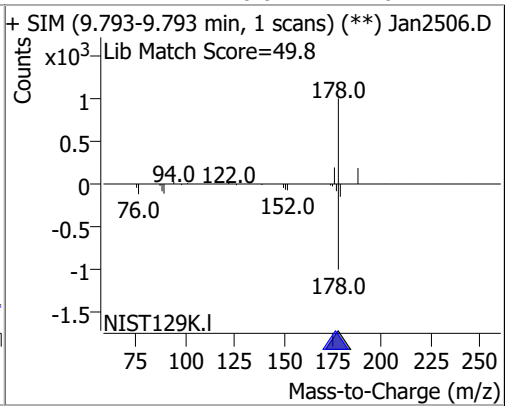




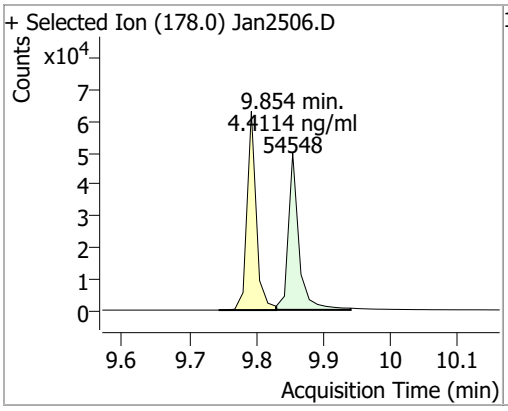
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.3214	9.79	-0.01	59964	176.0	17.7	10.8	20.1

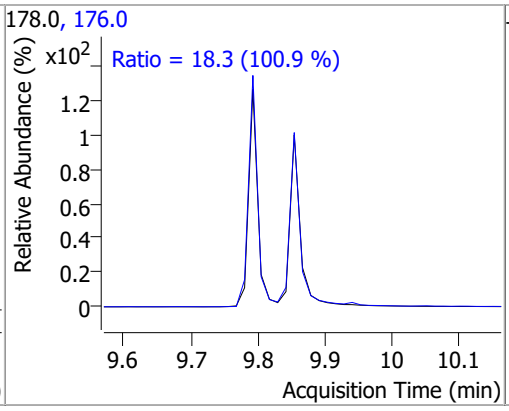


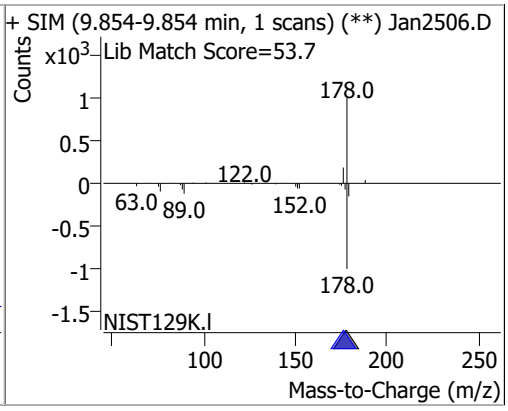




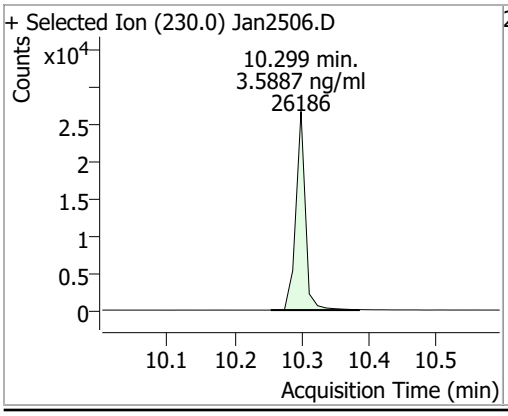
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.4114	9.85	-0.01	54548	176.0	18.3	12.7	23.5

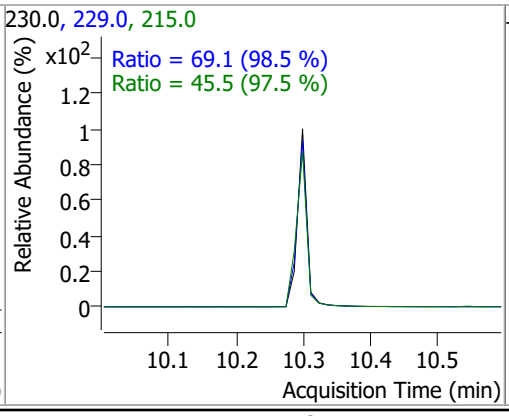


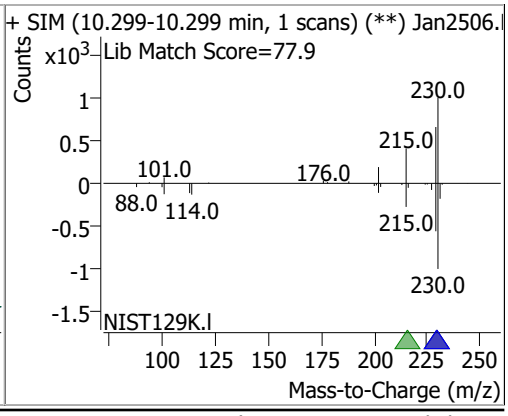




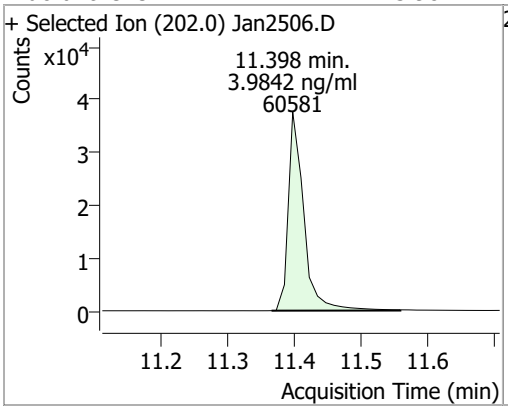
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	3.5887	10.30	0.00	26186	229.0	69.1	49.2	91.3
					215.0	45.5	32.7	60.7

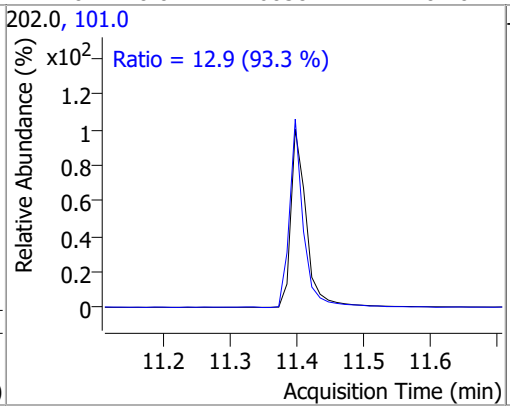


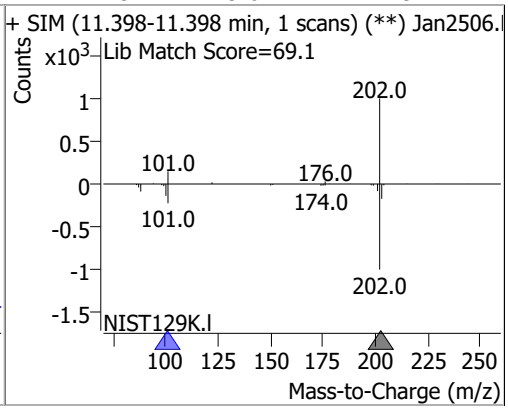




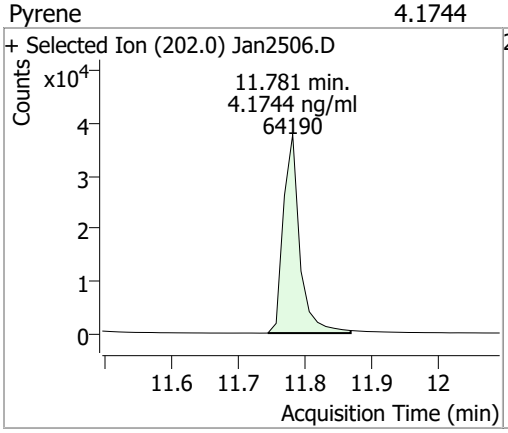
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	3.9842	11.40	-0.01	60581	101.0	12.9	9.6	17.9

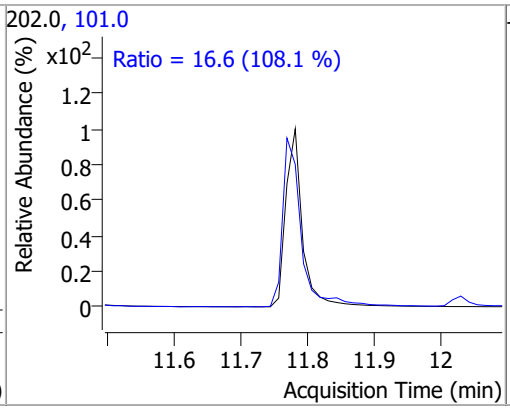


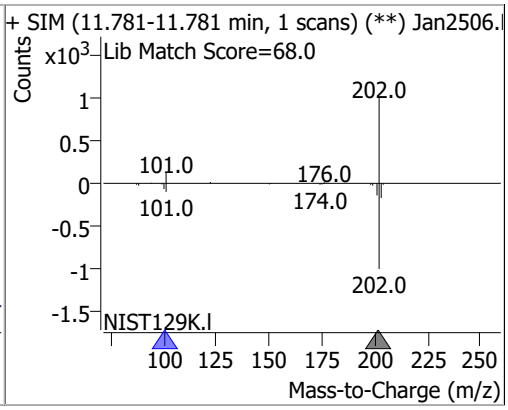




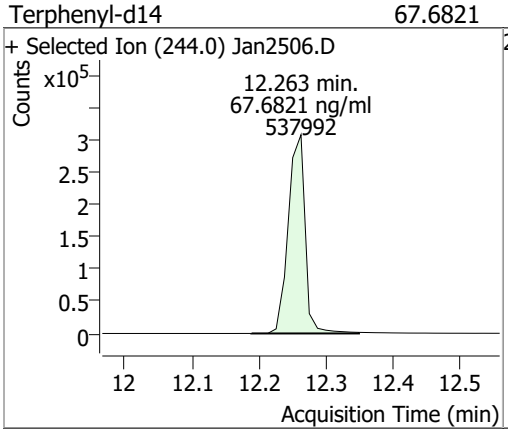
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.1744	11.78	-0.01	64190	101.0	16.6	10.7	20.0

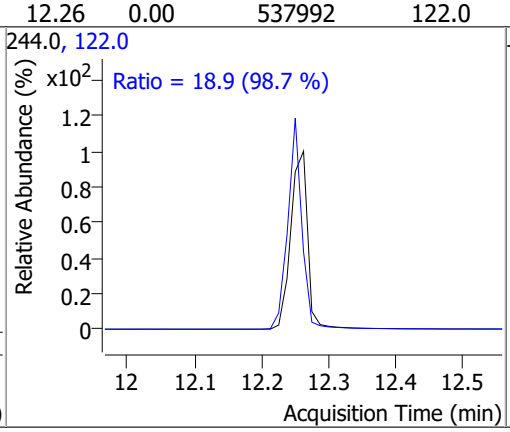


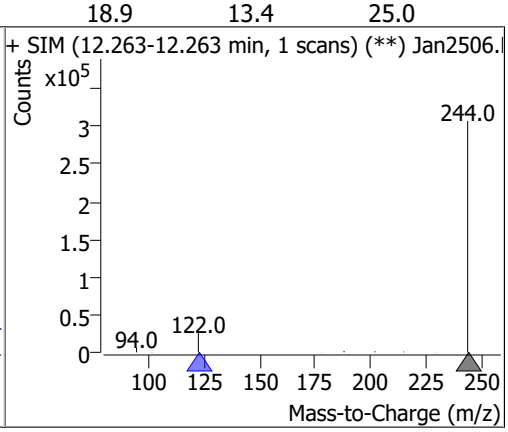




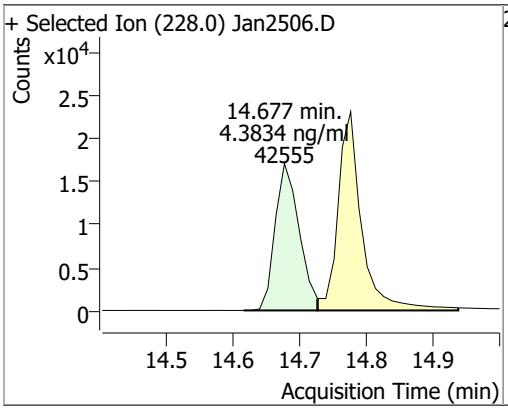
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	67.6821	12.26	0.00	537992	122.0	18.9	13.4	25.0

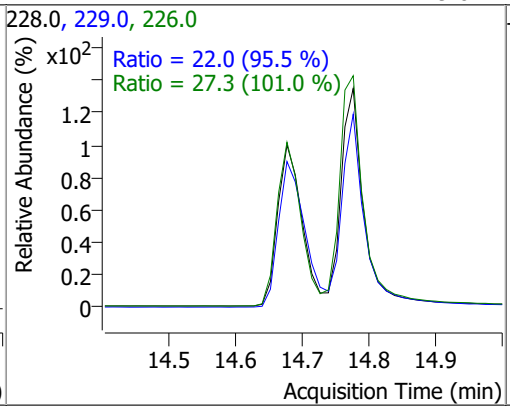


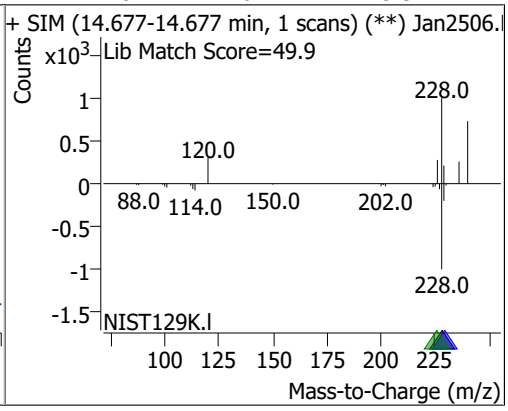




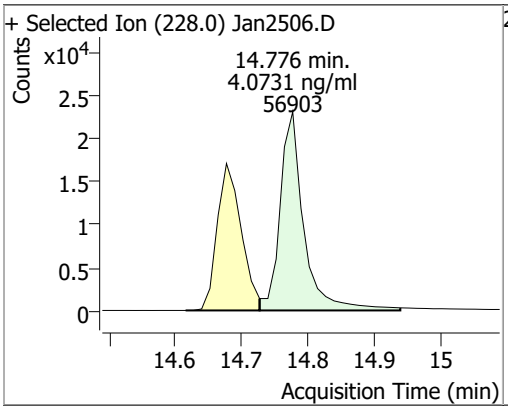
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	4.3834	14.68	-0.02	42555	226.0	27.3	18.9	35.1
					229.0	22.0	16.1	29.9

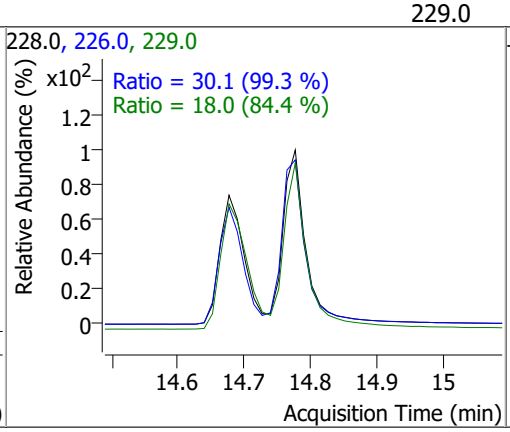


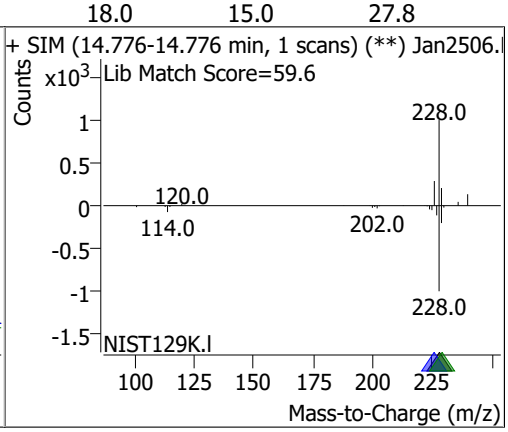




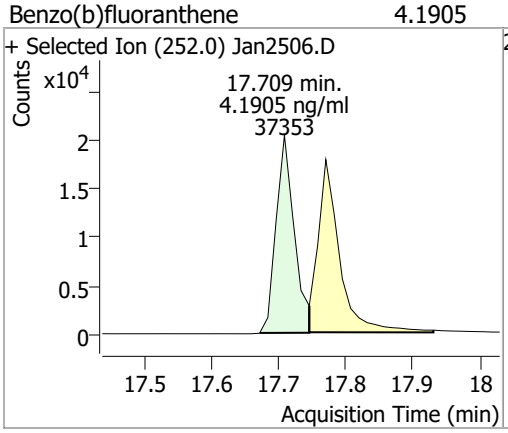
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	4.0731	14.78	-0.01	56903	226.0	30.1	21.2	39.4
					229.0	18.0	15.0	27.8

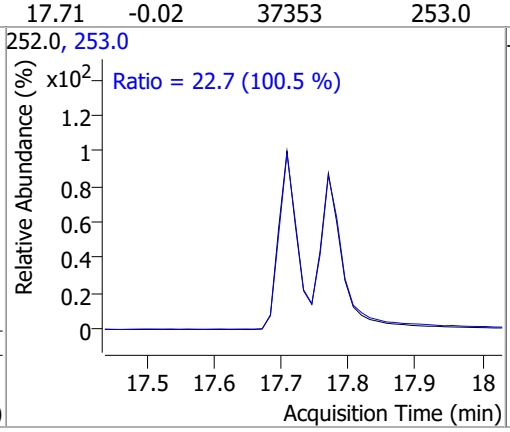


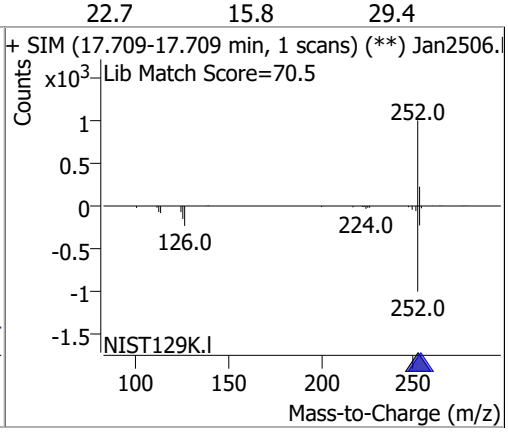




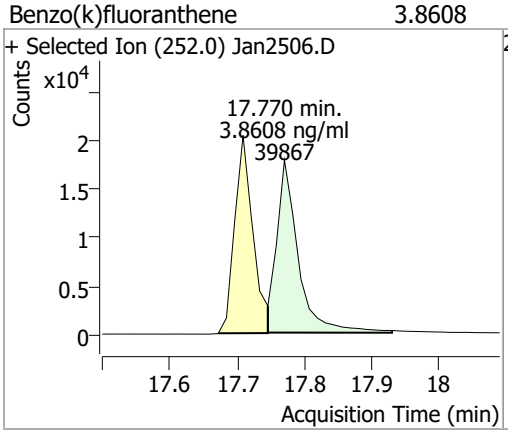
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	4.1905	17.71	-0.02	37353	253.0	22.7	15.8	29.4

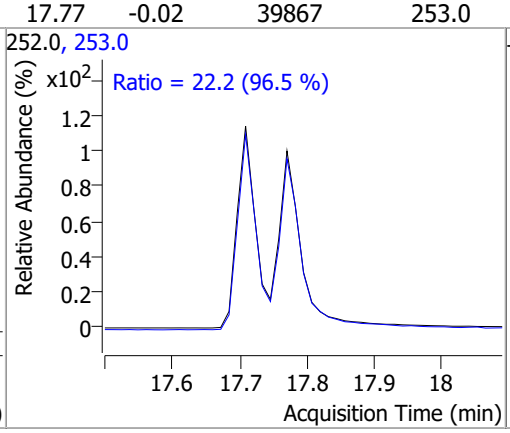


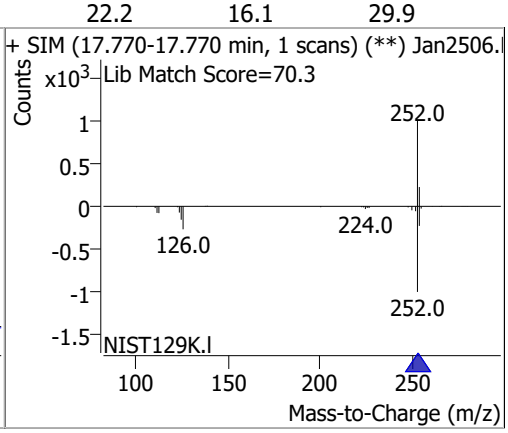




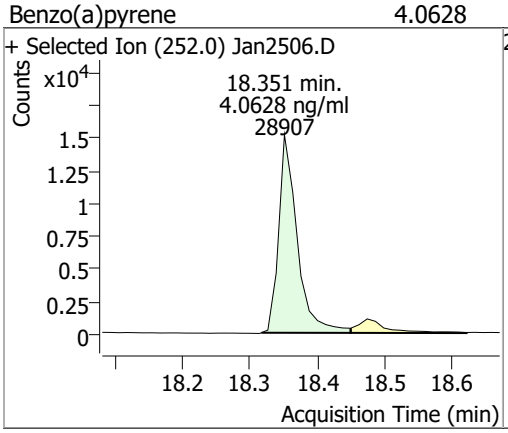
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	3.8608	17.77	-0.02	39867	253.0	22.2	16.1	29.9

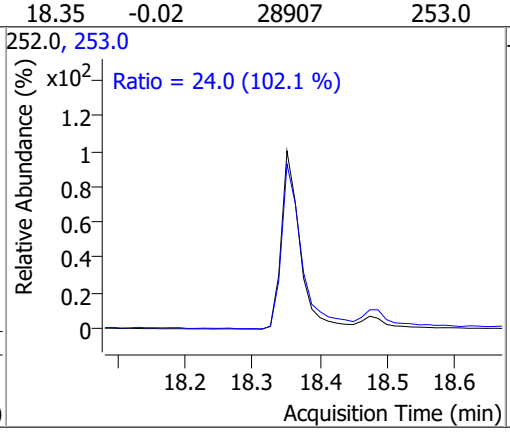


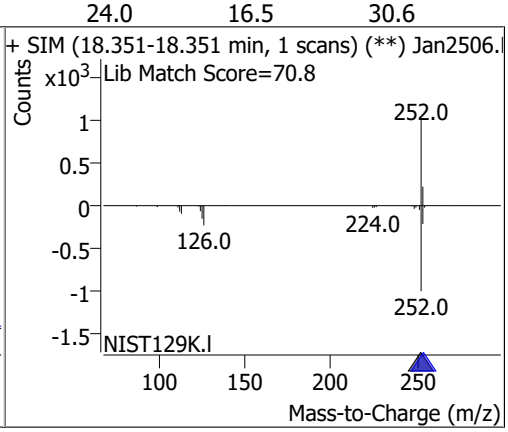




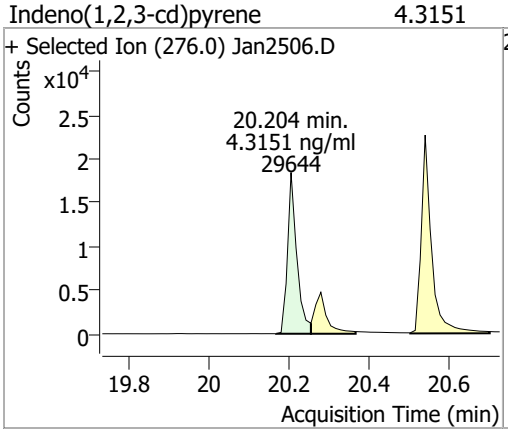
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	4.0628	18.35	-0.02	28907	253.0	24.0	16.5	30.6

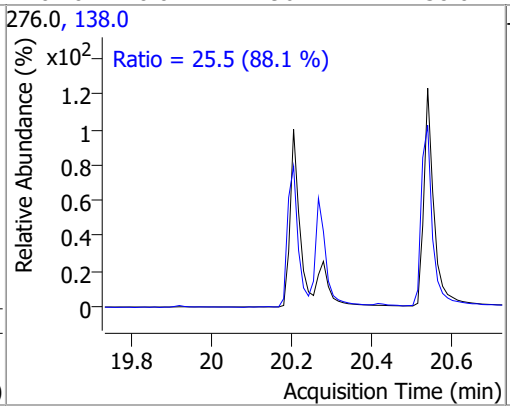


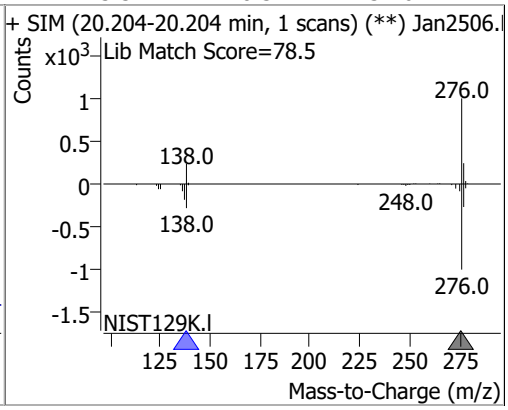




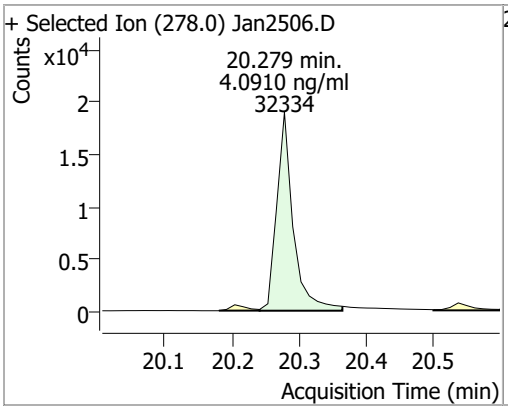
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	4.3151	20.20	-0.02	29644	138.0	25.5	20.3	37.6

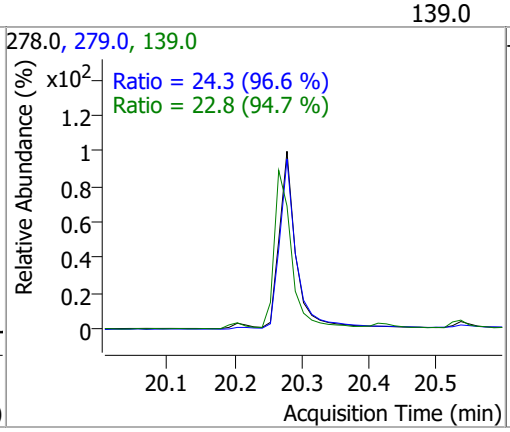


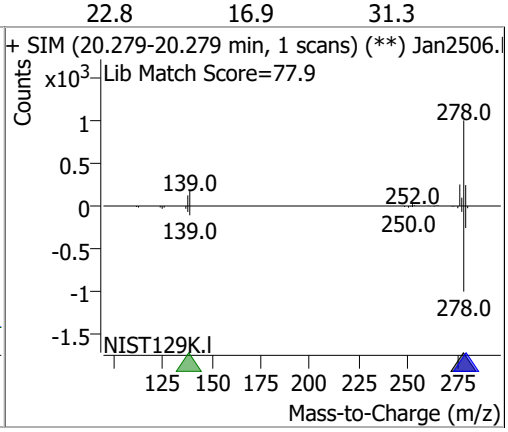




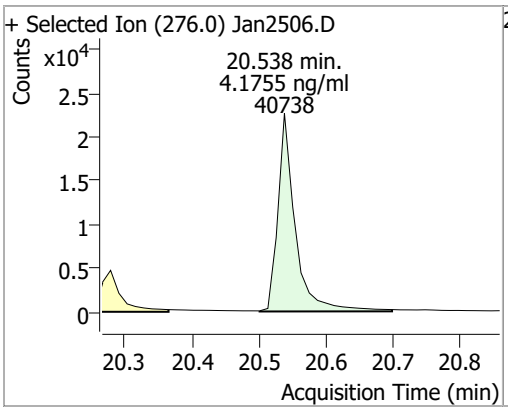
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	4.0910	20.28	-0.02	32334	279.0	24.3	17.6	32.7
					139.0	22.8	16.9	31.3

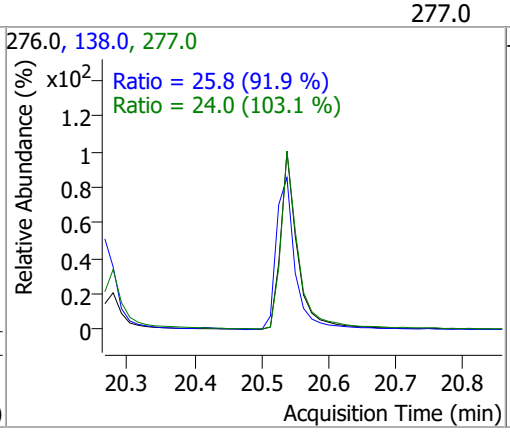


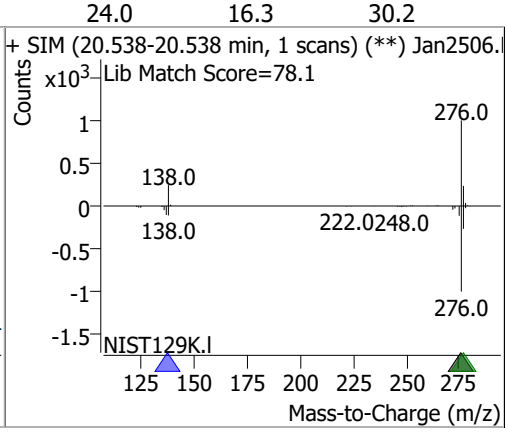




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	4.1755	20.54	-0.02	40738	138.0	25.8	19.6	36.5
					277.0	24.0	16.3	30.2







Quantitation Results Report (QT Reviewed)

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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
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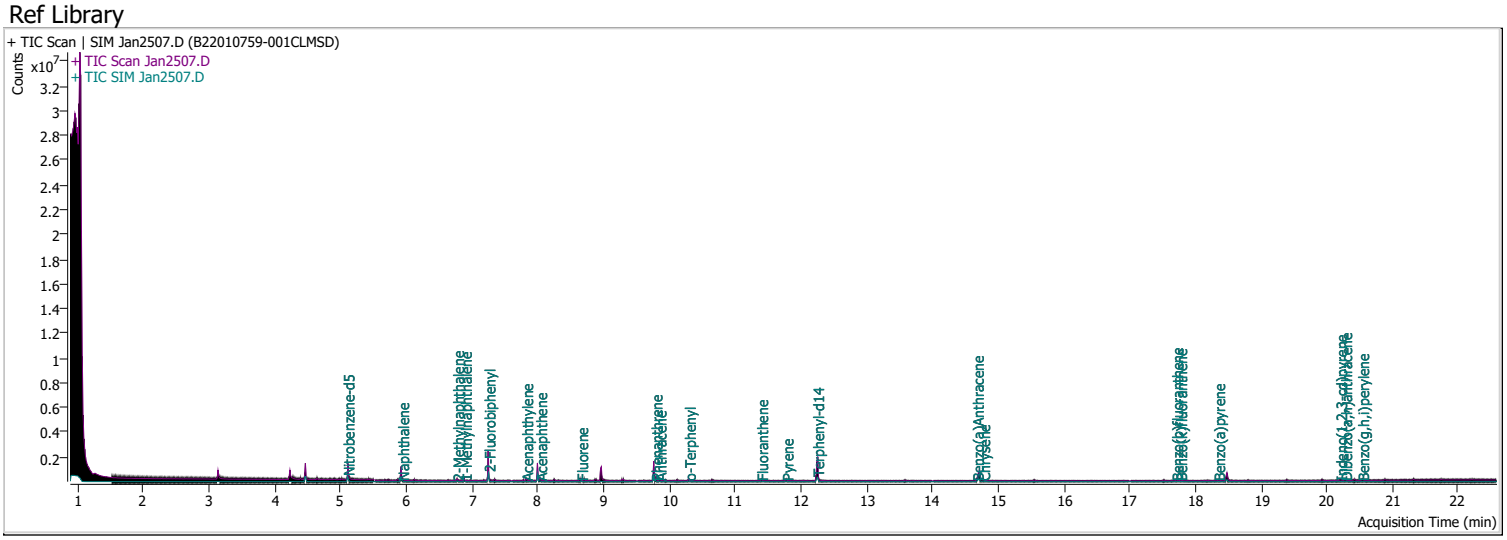
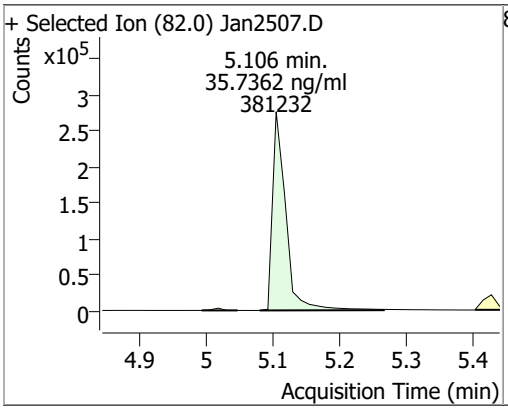


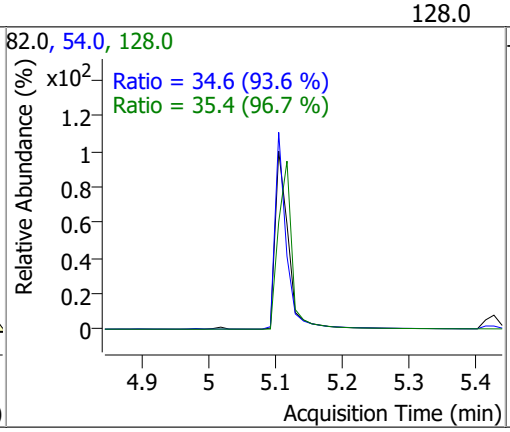
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	202480	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	365231	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.000	164.0	221091	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	423151	40.0000	ng/ml		-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
System Monitoring Compounds							
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%		*	
Target Compounds							**QValue**
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

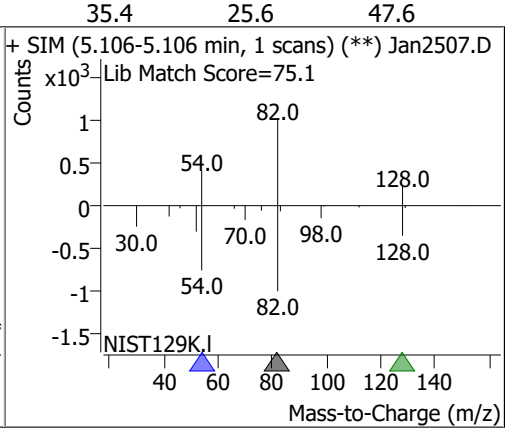
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	36833	3.6073	ng/ml	97
T Benzo(a)pyrene	18.351	252.0	25775	3.6886	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.204	276.0	25013	3.7297	ng/ml	97
T Dibenzo(a,h)anthracene	20.279	278.0	27925	3.5655	ng/ml	98
T Benzo(g,h,i)perylene	20.538	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

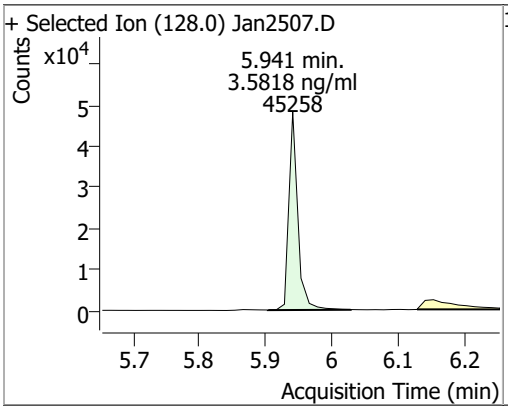
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	35.7362	5.11	-0.04	381232	54.0	34.6	25.9	48.1
					128.0	35.4	25.6	47.6

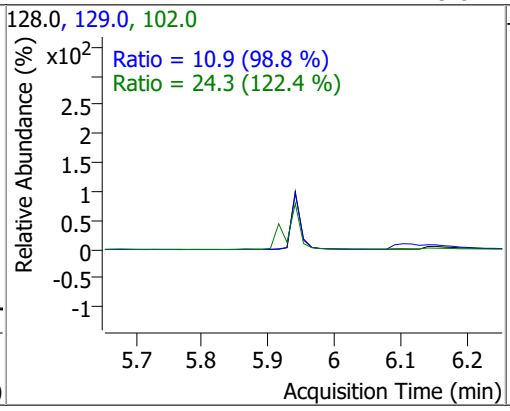


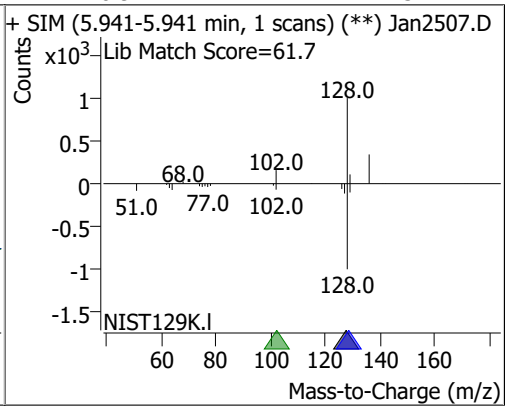




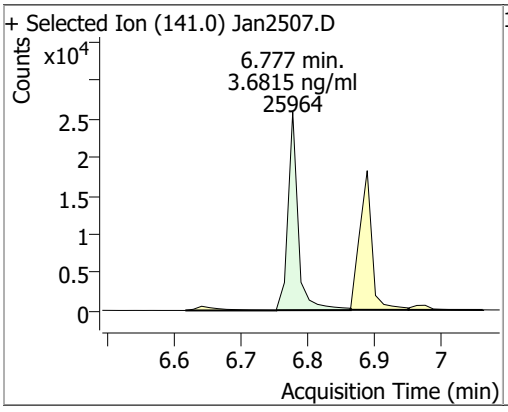
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.5818	5.94	-0.01	45258	102.0	24.3	0.0	59.6
					129.0	10.9	7.7	14.3

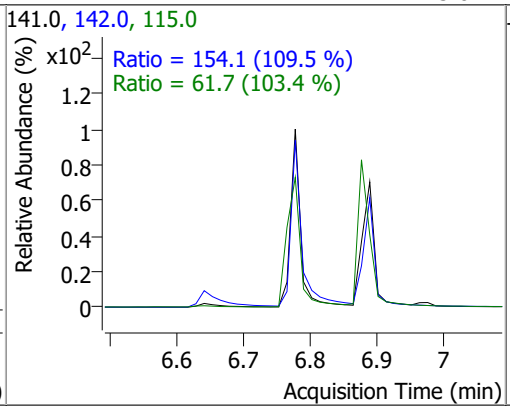


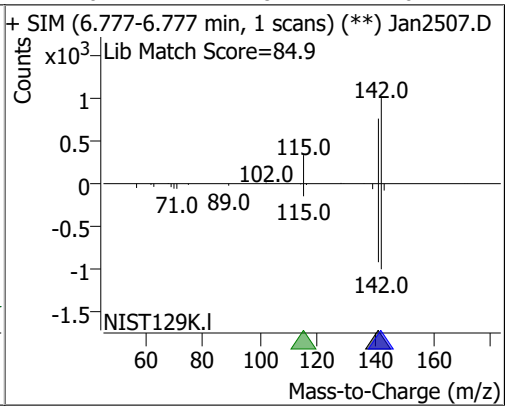




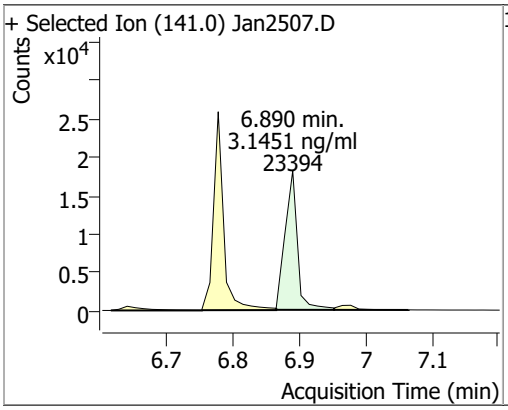
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.6815	6.78	-0.01	25964	142.0	154.1	98.5	183.0
					115.0	61.7	41.8	77.6

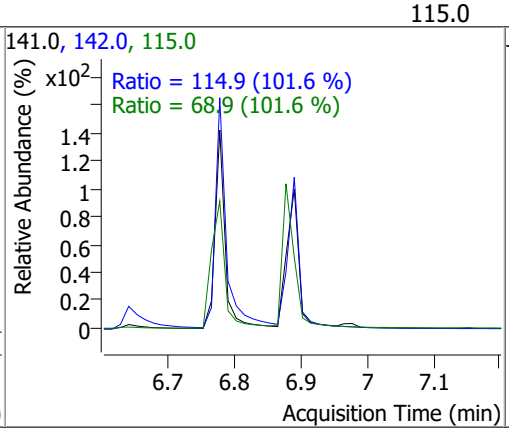


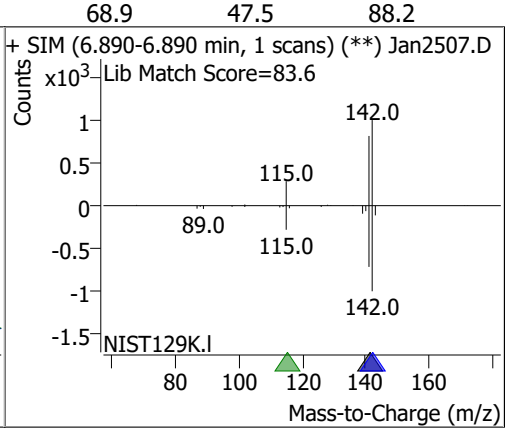




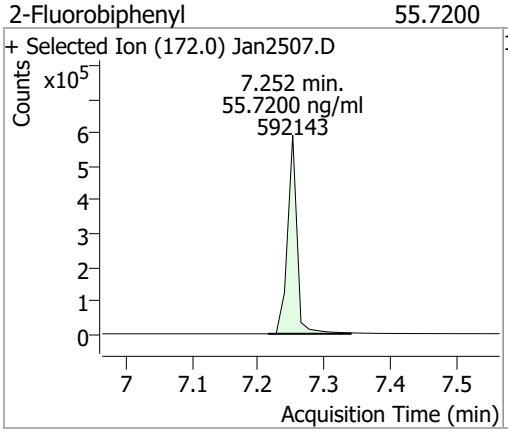
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	3.1451	6.89	-0.01	23394	142.0	114.9	79.2	147.1
					115.0	68.9	47.5	88.2

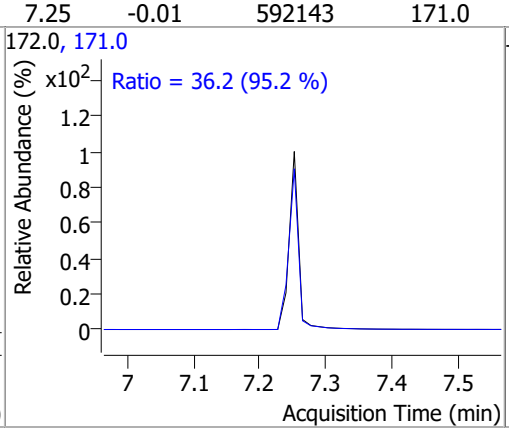


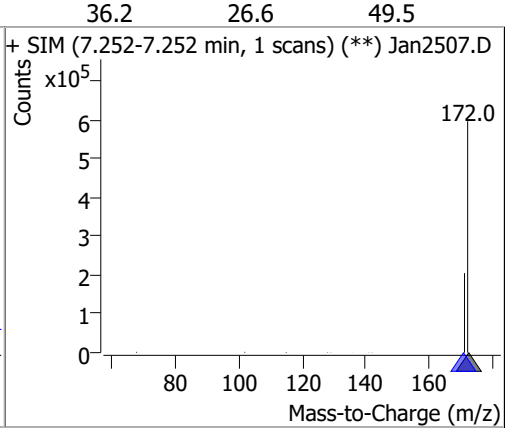




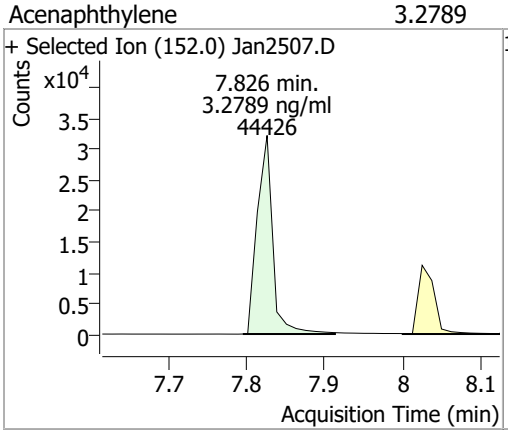
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	55.7200	7.25	-0.01	592143	171.0	36.2	26.6	49.5

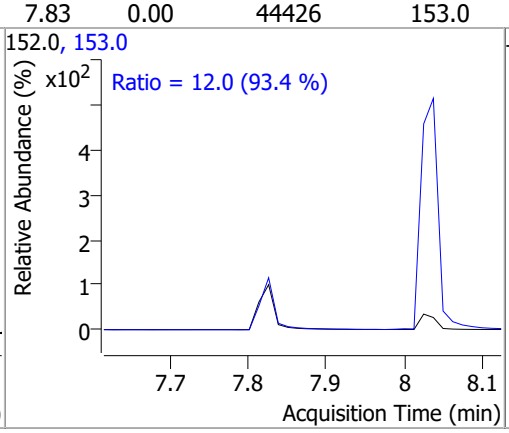


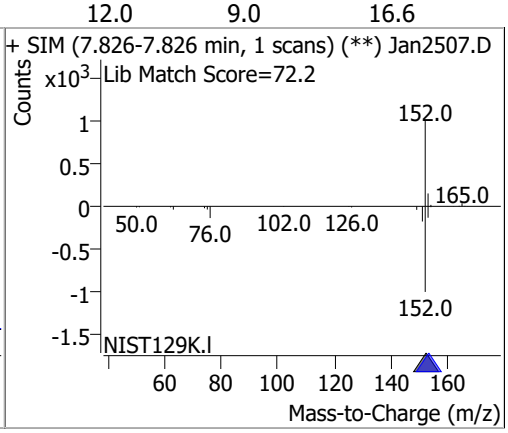




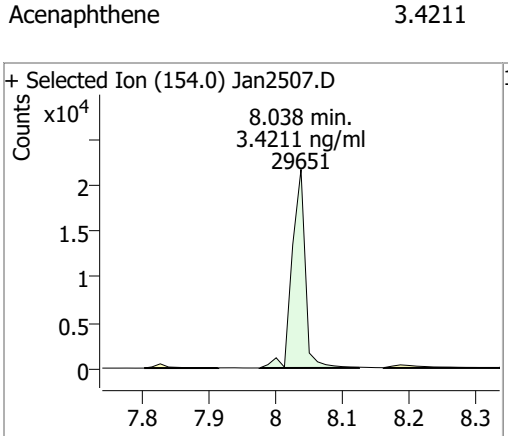
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	3.2789	7.83	0.00	44426	153.0	12.0	9.0	16.6

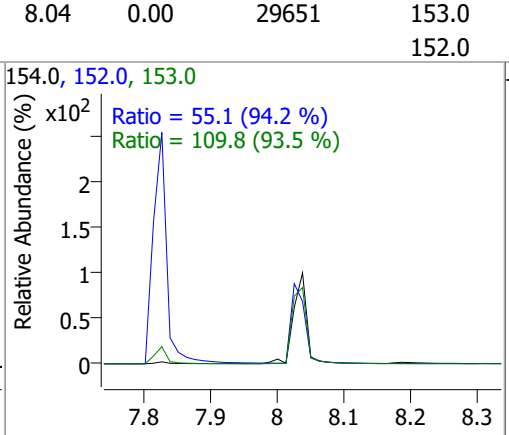


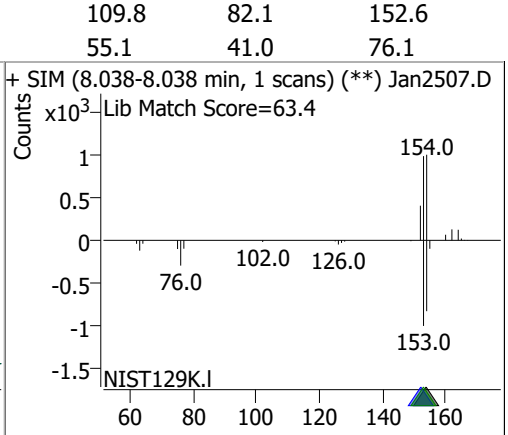




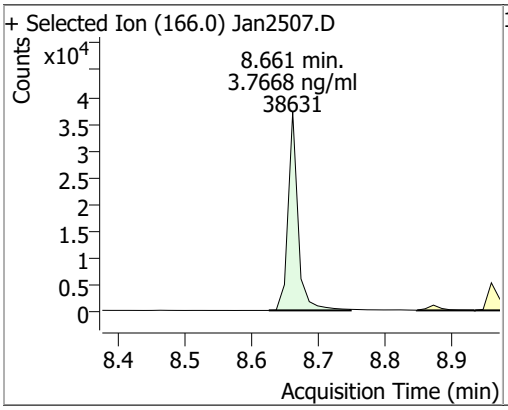
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	3.4211	8.04	0.00	29651	153.0	109.8	82.1	152.6
					152.0	55.1	41.0	76.1

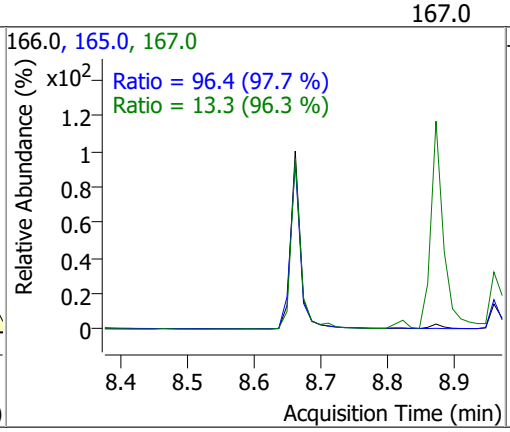


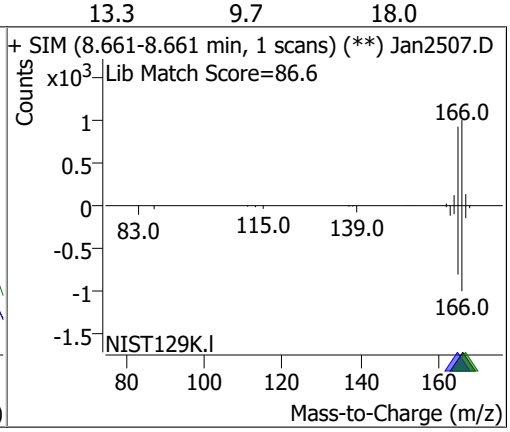




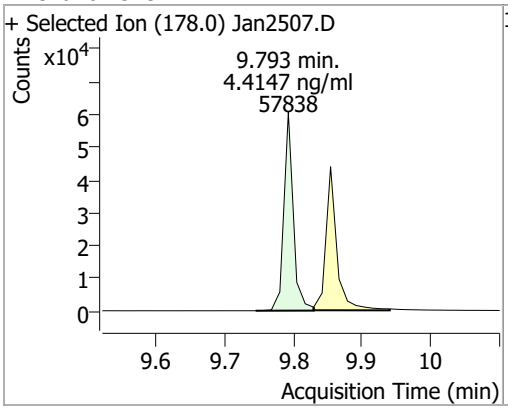
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.7668	8.66	-0.01	38631	165.0	96.4	69.1	128.3
					167.0	13.3	9.7	18.0

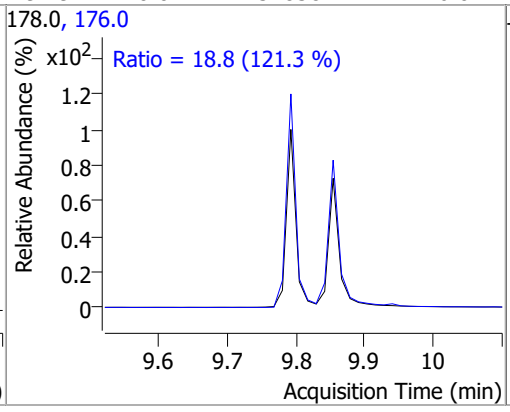


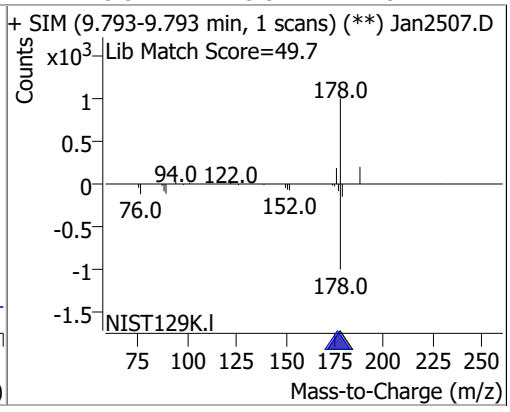




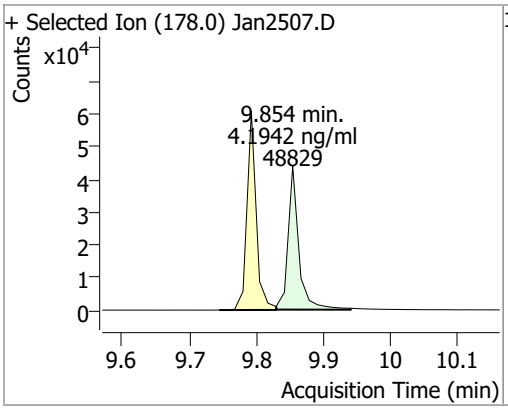
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.4147	9.79	-0.01	57838	176.0	18.8	10.8	20.1

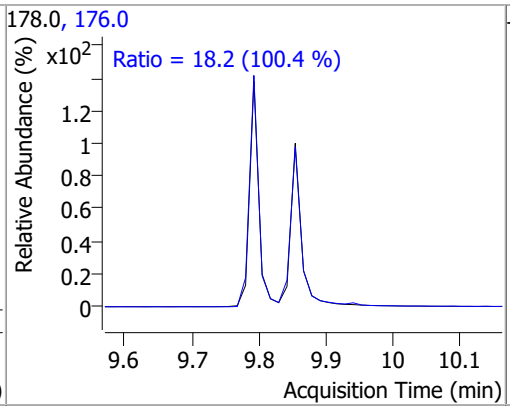


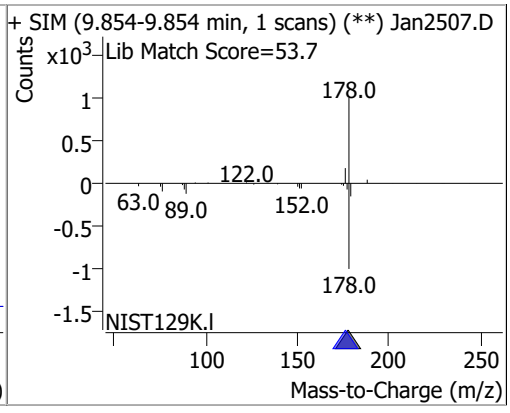




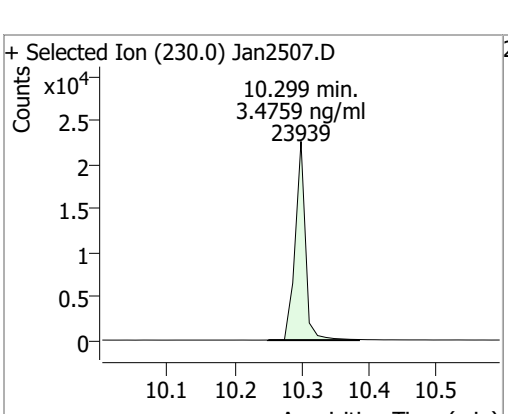
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.1942	9.85	-0.01	48829	176.0	18.2	12.7	23.5

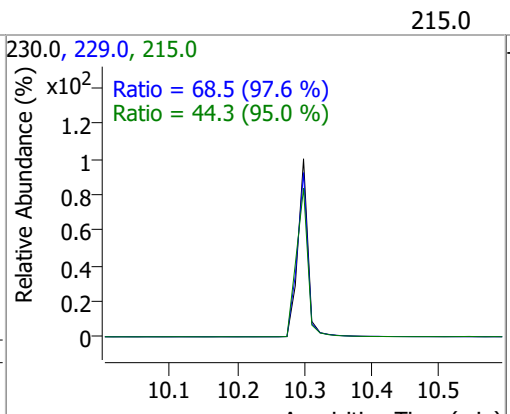


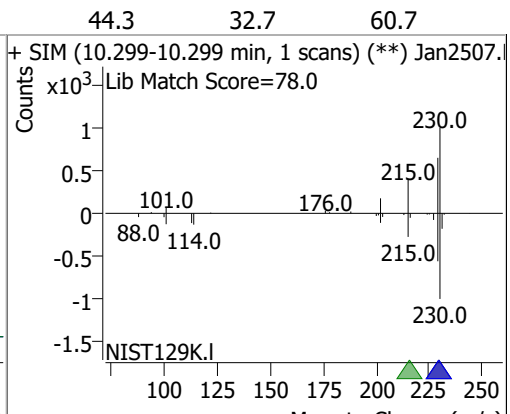




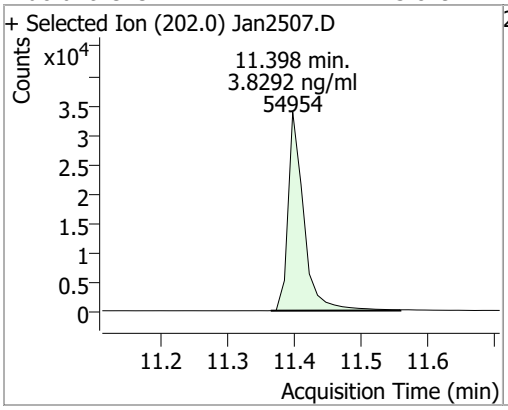
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	3.4759	10.30	0.00	23939	229.0	68.5	49.2	91.3
					215.0	44.3	32.7	60.7

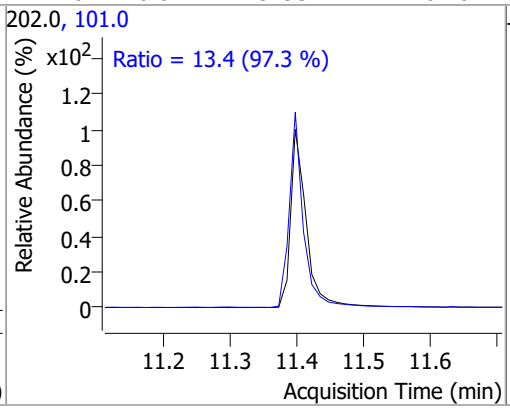


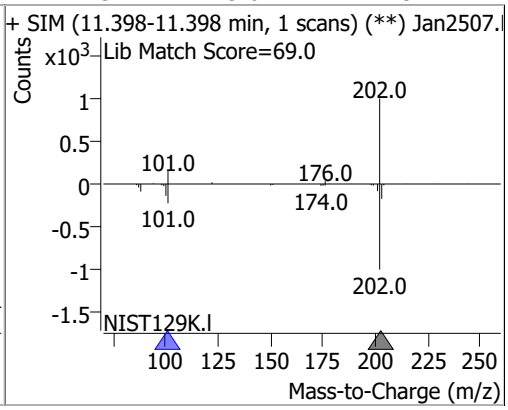




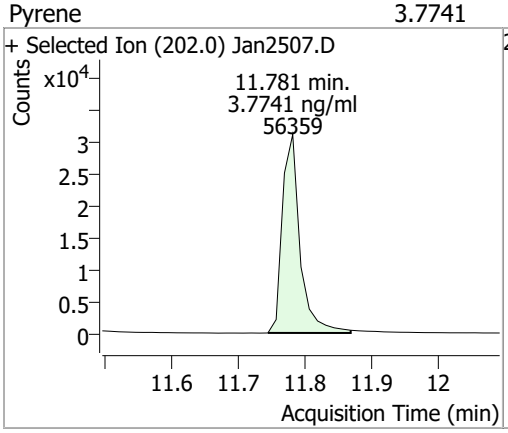
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	3.8292	11.40	-0.01	54954	101.0	13.4	9.6	17.9

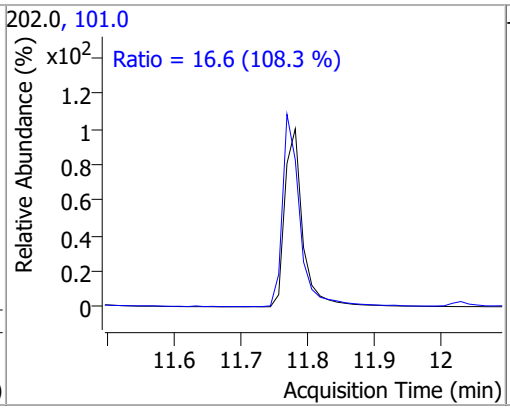


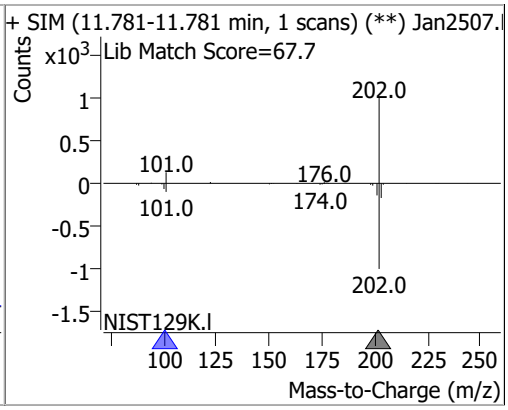




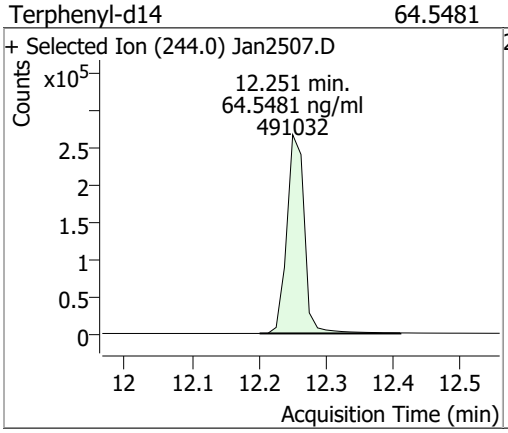
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	3.7741	11.78	-0.01	56359	101.0	16.6	10.7	20.0

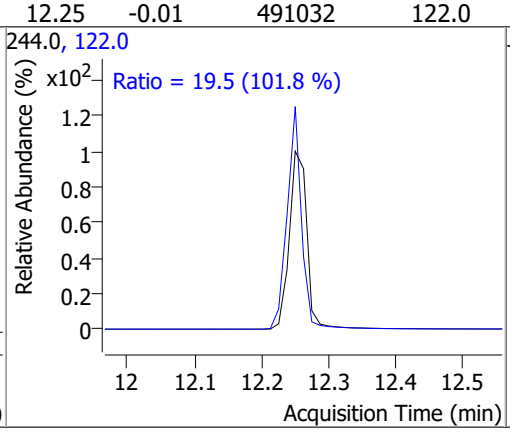


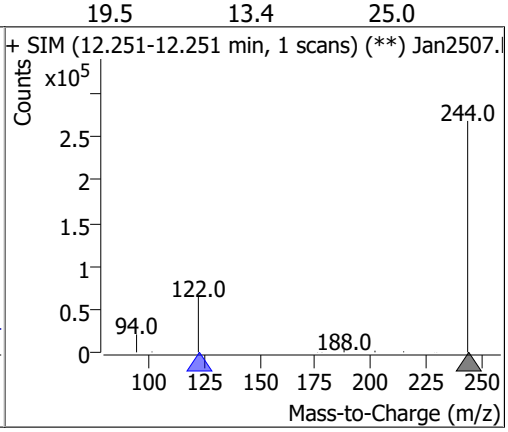




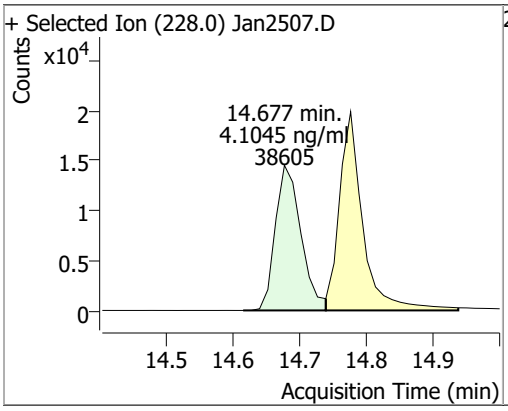
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	64.5481	12.25	-0.01	491032	122.0	19.5	13.4	25.0

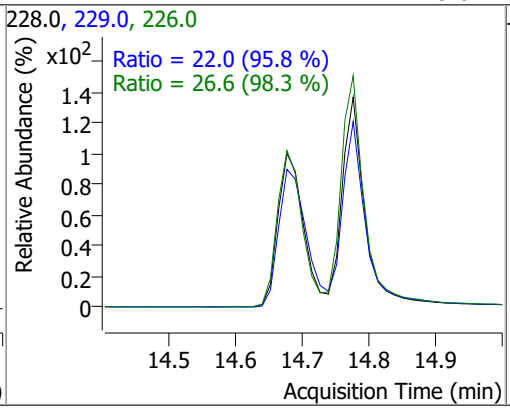


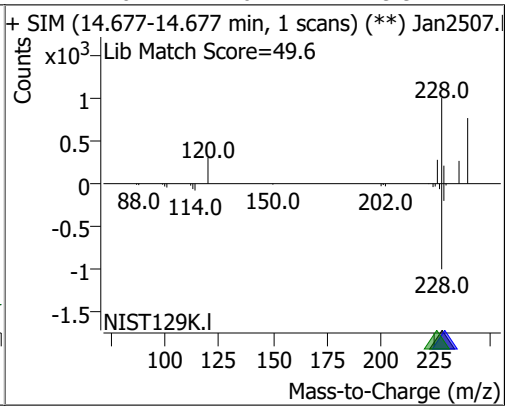




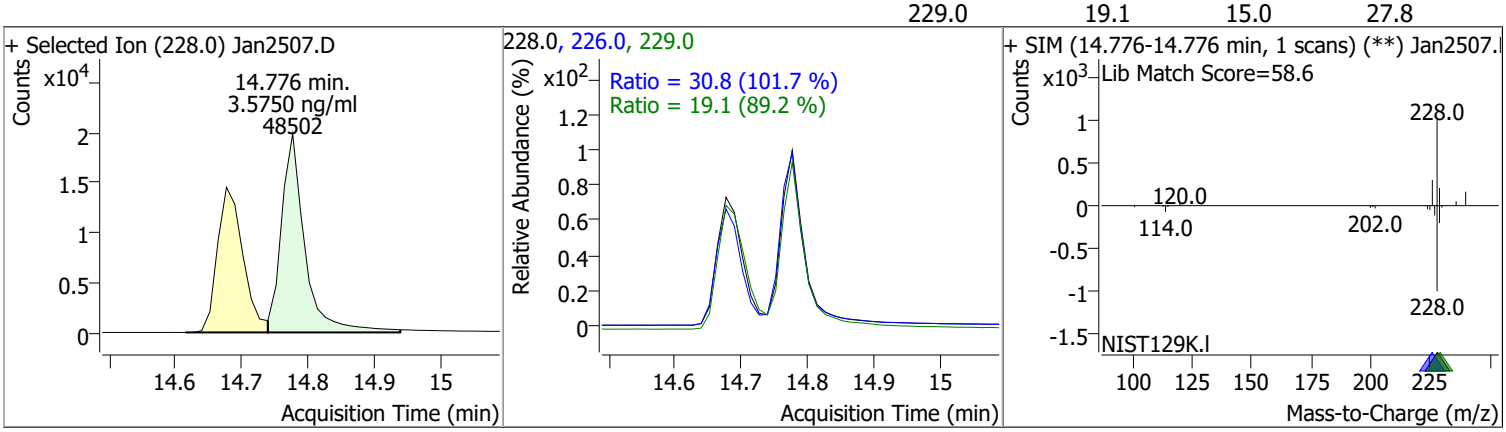
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	4.1045	14.68	-0.02	38605	226.0	26.6	18.9	35.1
					229.0	22.0	16.1	29.9



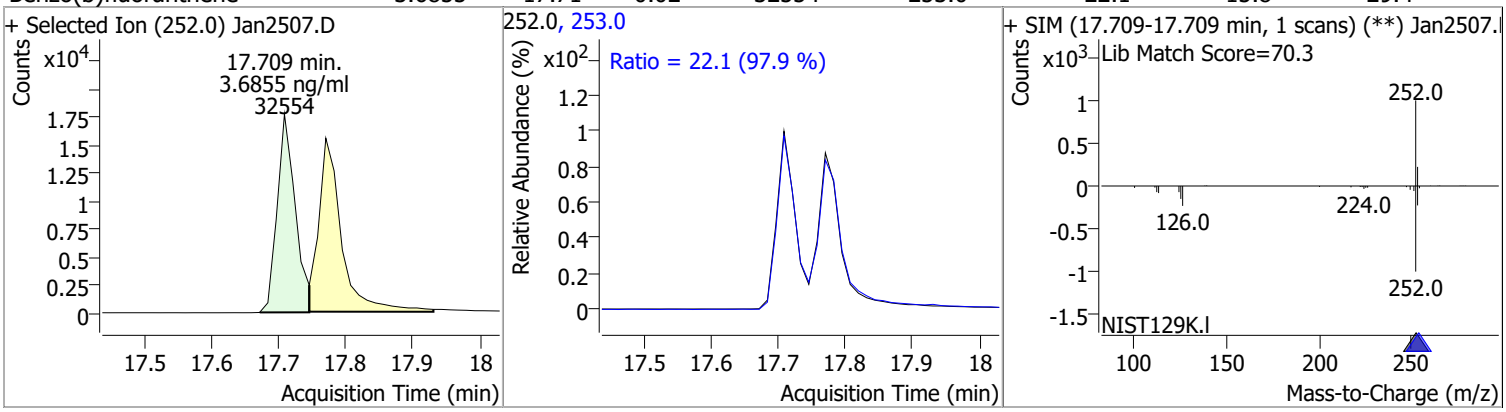




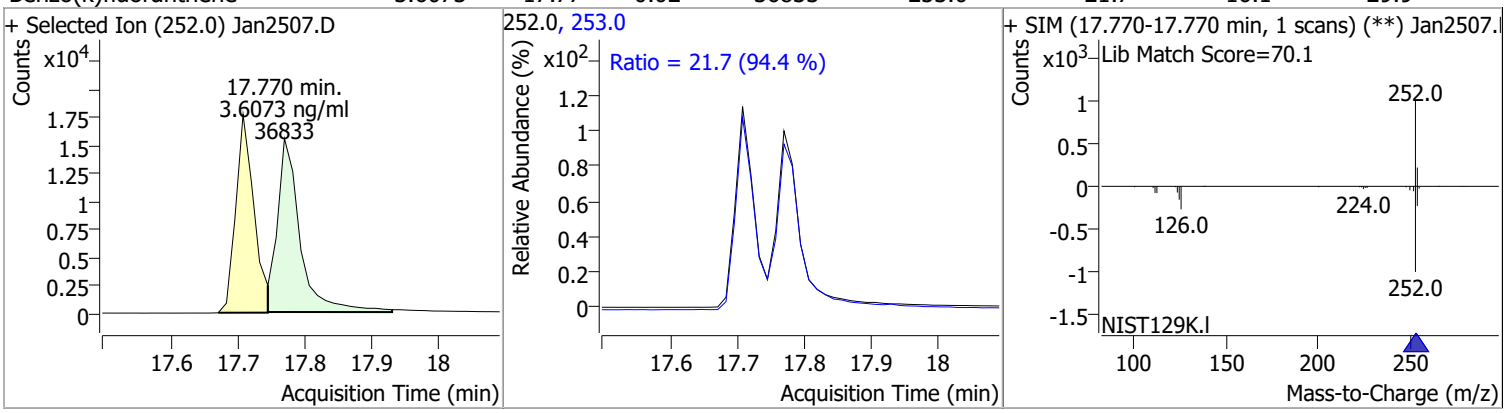
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	3.5750	14.78	-0.01	48502	226.0	30.8	21.2	39.4
					229.0	19.1	15.0	27.8



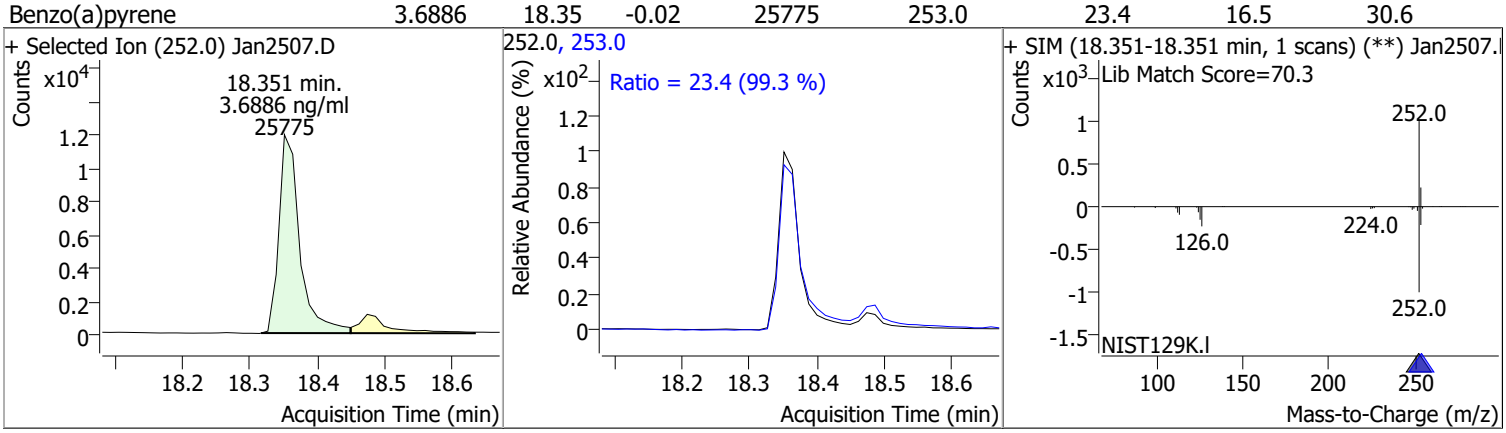
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	3.6855	17.71	-0.02	32554	253.0	22.1	15.8	29.4



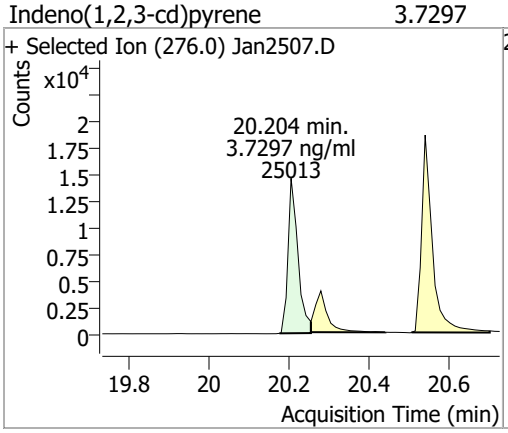
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	3.6073	17.77	-0.02	36833	253.0	21.7	16.1	29.9

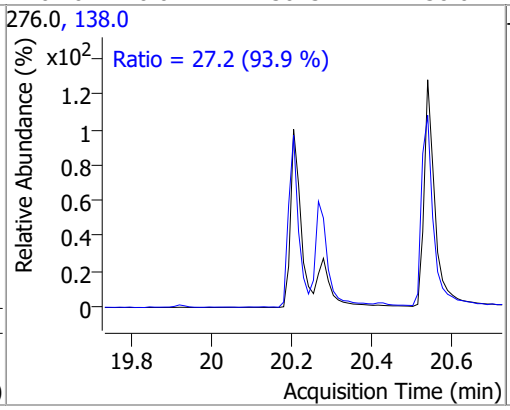


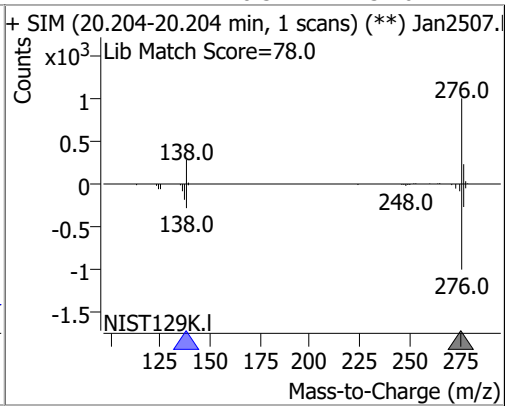
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	3.6886	18.35	-0.02	25775	253.0	23.4	16.5	30.6



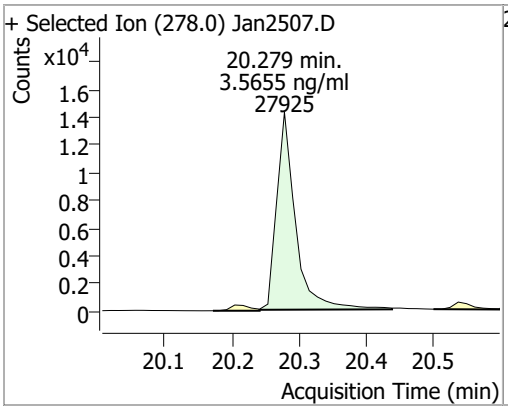
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	3.7297	20.20	-0.02	25013	138.0	27.2	20.3	37.6

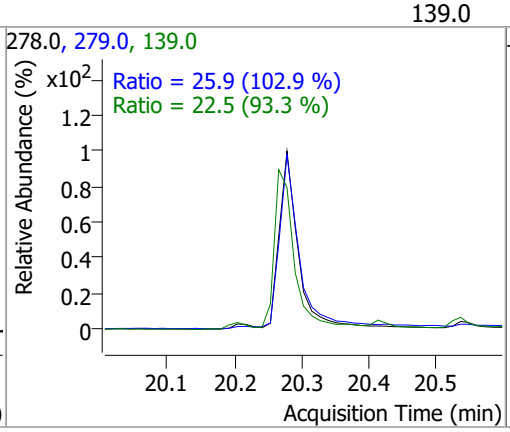


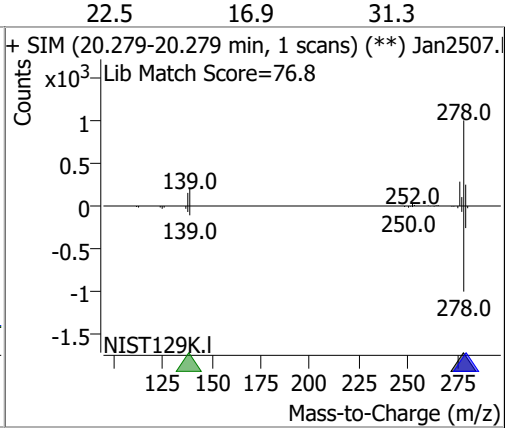




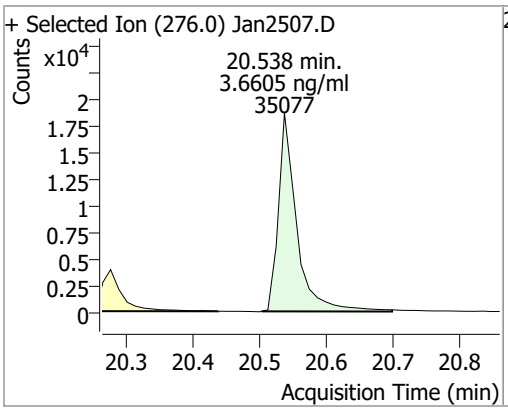
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	3.5655	20.28	-0.02	27925	279.0	25.9	17.6	32.7
					139.0	22.5	16.9	31.3

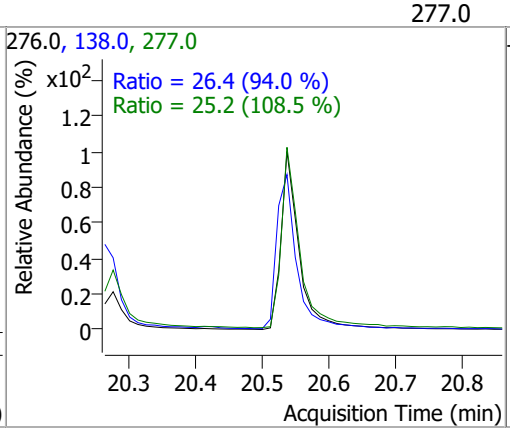


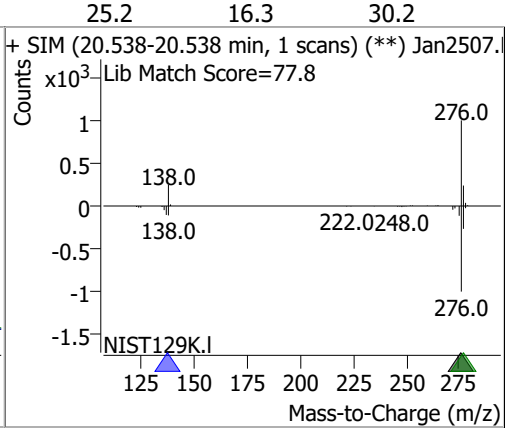




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	3.6605	20.54	-0.02	35077	138.0	26.4	19.6	36.5
					277.0	25.2	16.3	30.2

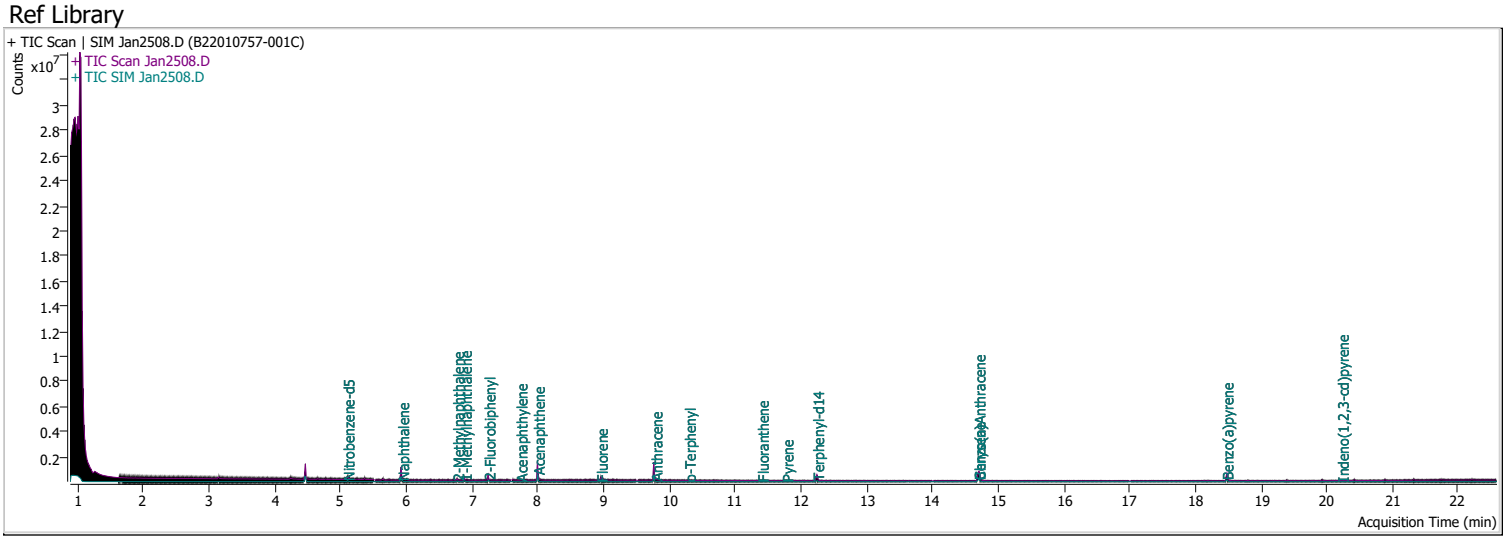






Quantitation Results Report (QT Reviewed)

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			

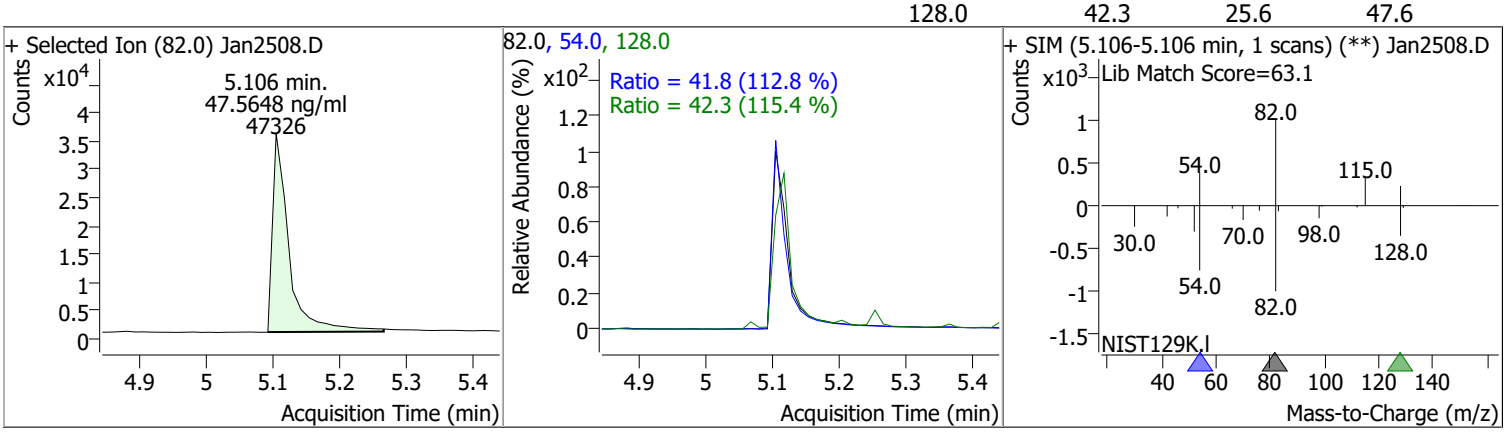


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	186795	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	344786	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.000	164.0	204749	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	431580	40.0000	ng/ml		-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
System Monitoring Compounds							
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%		*	
Target Compounds							**QValue**
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.			

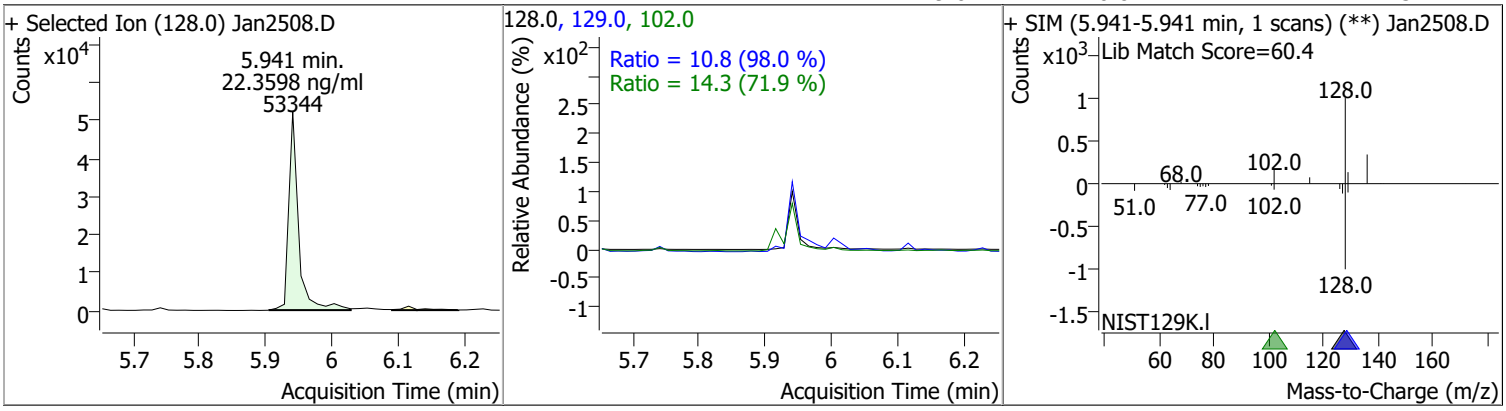
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.			
T Benzo(a)pyrene	18.474	252.0	1112	0.8098	ng/ml	#	81
T Indeno(1,2,3-cd)pyrene	20.229	276.0	267	0.1859	ng/ml		46
T Dibenzo(a,h)anthracene	0.000		0	N.D.			
T Benzo(g,h,i)perylene	0.000		0	N.D.			

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

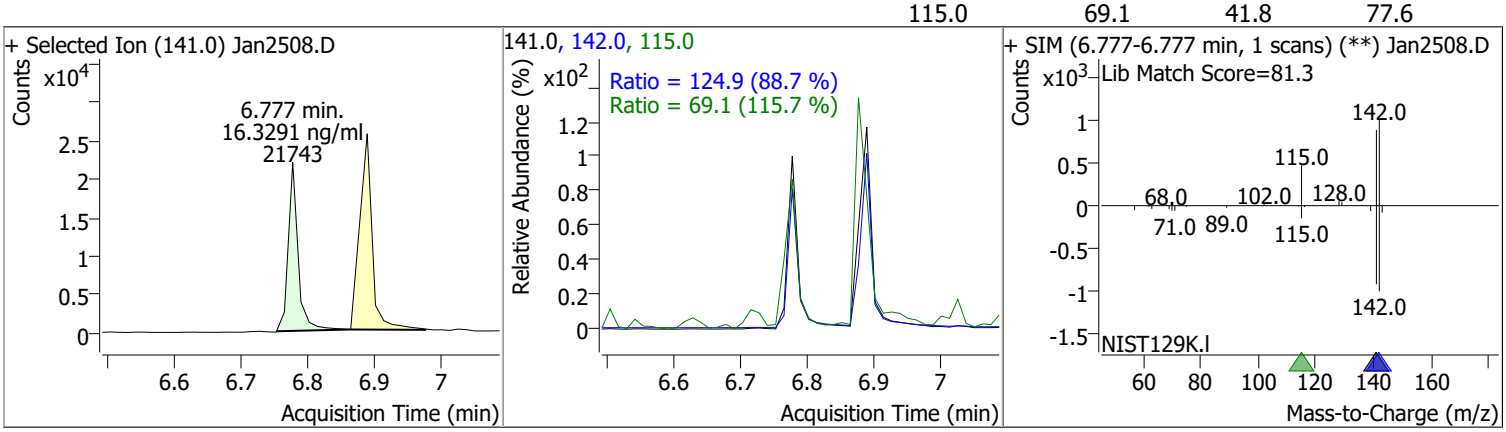
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	47.5648	5.11	-0.04	47326	54.0	41.8	25.9	48.1
					128.0	42.3	25.6	47.6



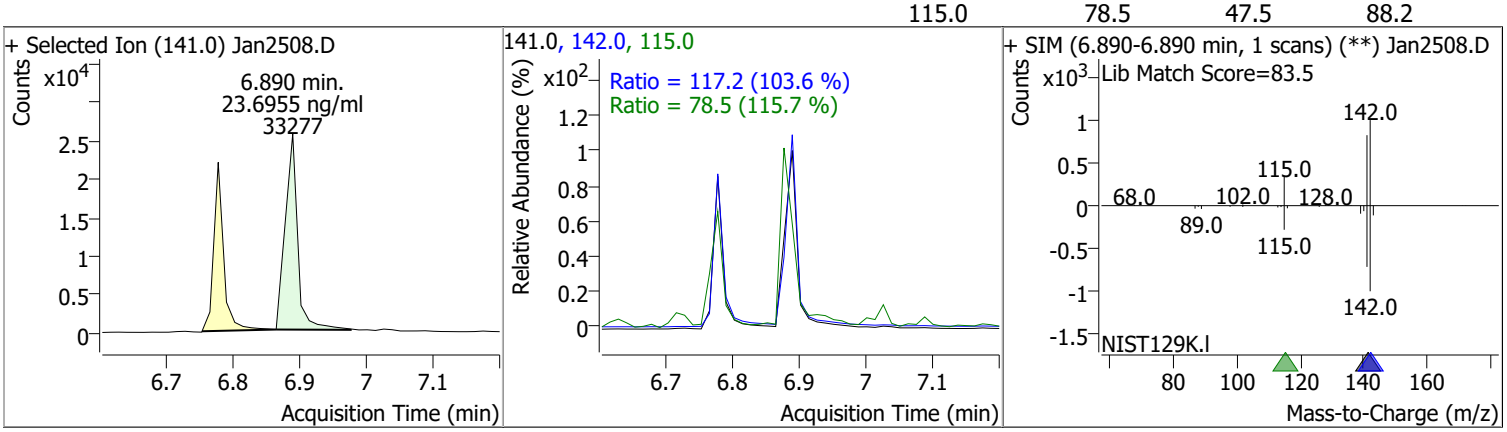
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	22.3598	5.94	-0.01	53344	102.0	14.3	0.0	59.6
					129.0	10.8	7.7	14.3



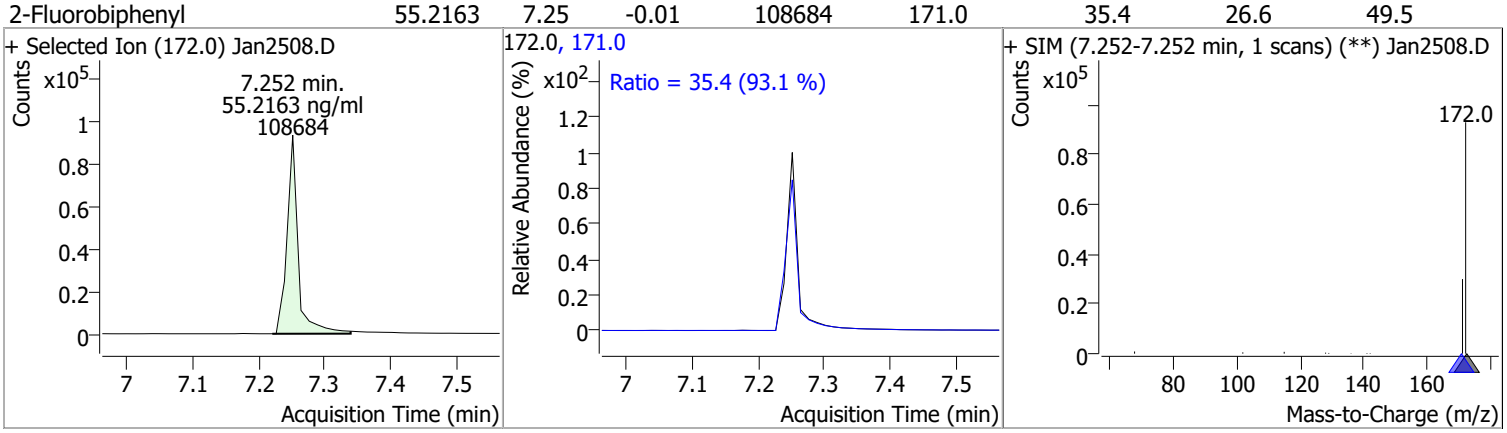
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	16.3291	6.78	-0.01	21743	142.0	124.9	98.5	183.0
					115.0	69.1	41.8	77.6



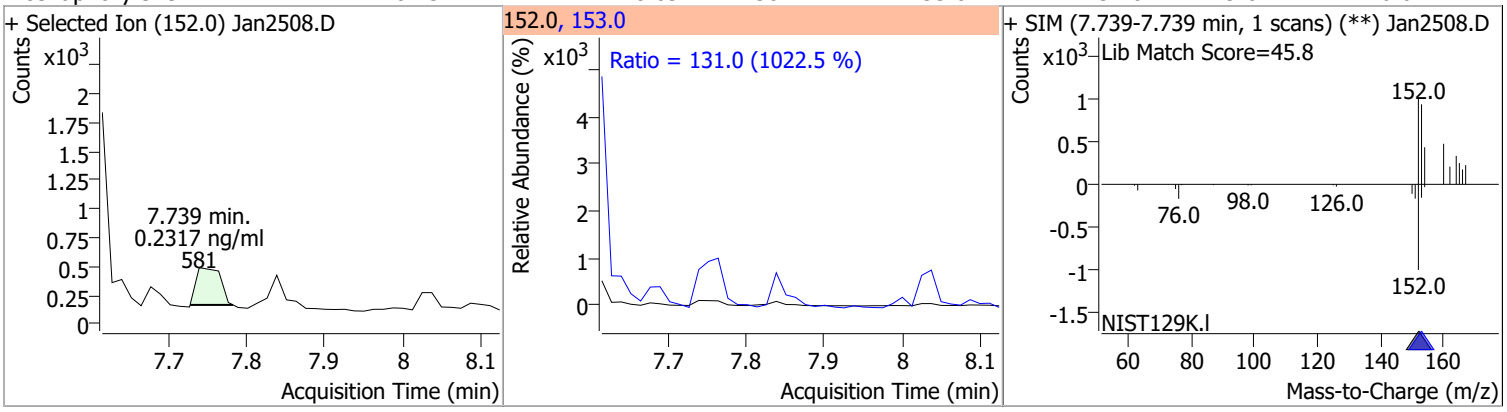
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	23.6955	6.89	-0.01	33277	142.0	117.2	79.2	147.1
					115.0	78.5	47.5	88.2



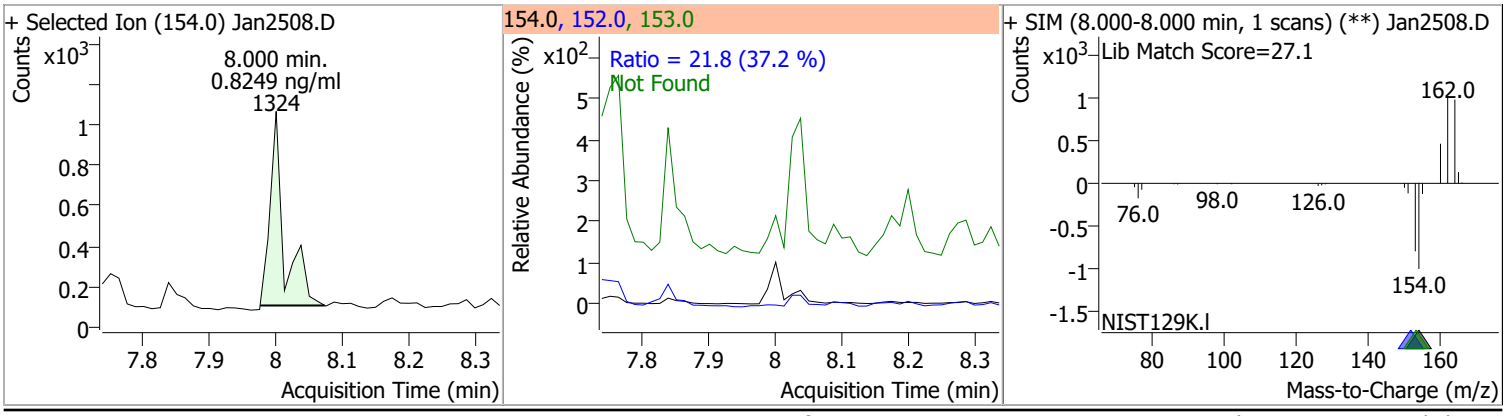
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	55.2163	7.25	-0.01	108684	171.0	35.4	26.6	49.5



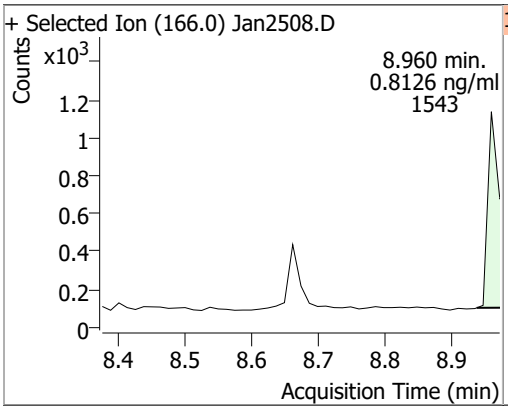
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	0.2317	7.74	-0.09	581	153.0	131.0	9.0	16.6

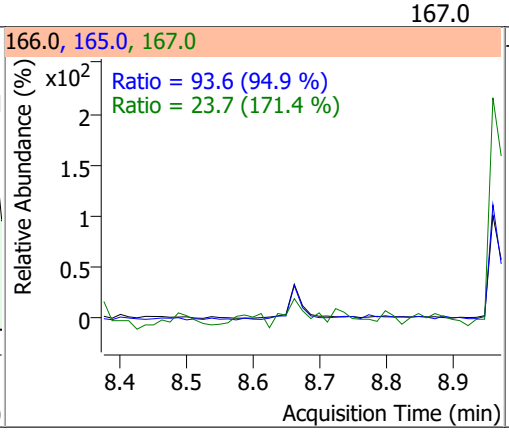


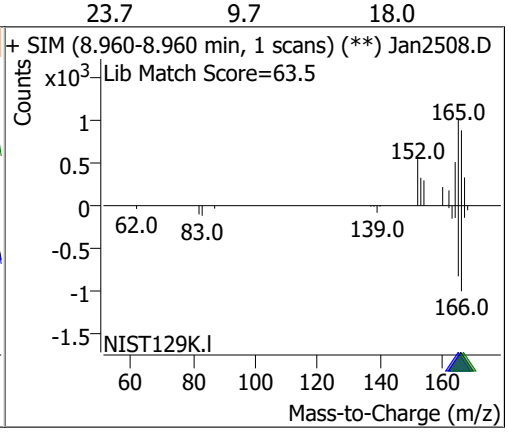
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	0.8249	8.00	-0.04	1324	153.0		82.1	152.6
					152.0	21.8	41.0	76.1



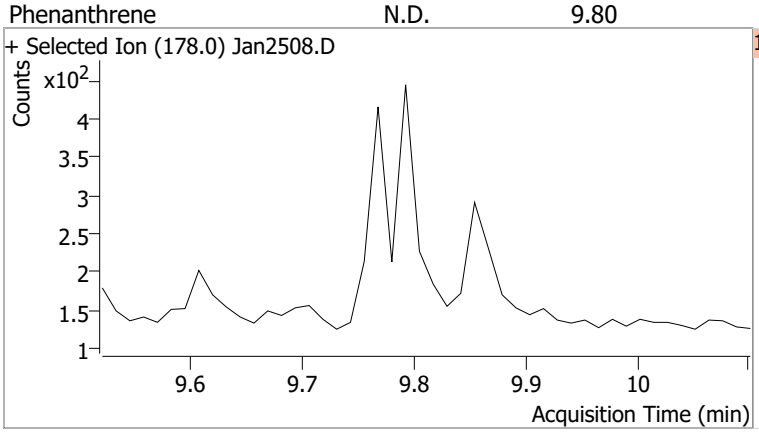
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	0.8126	8.96	0.29	1543	165.0	93.6	69.1	128.3
					167.0	23.7	9.7	18.0

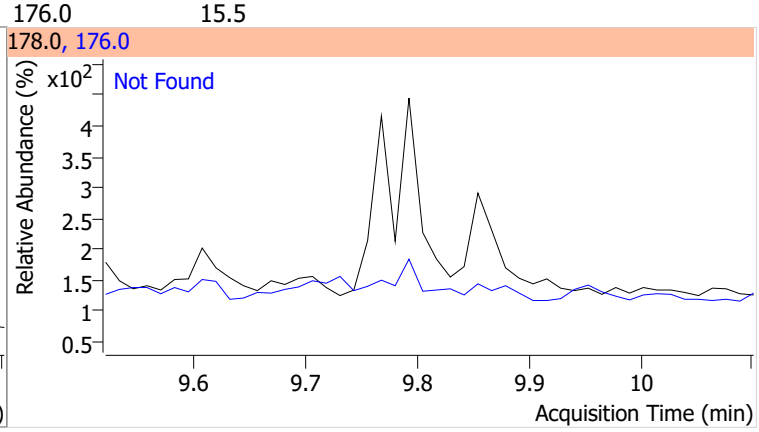




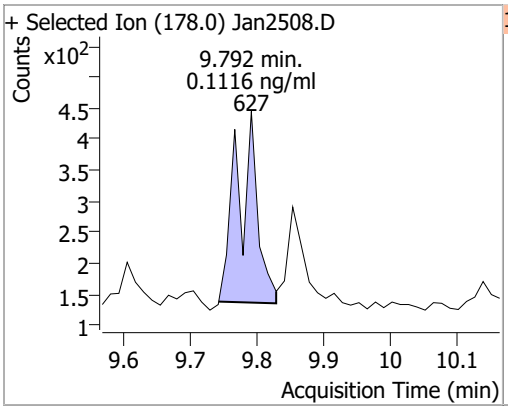


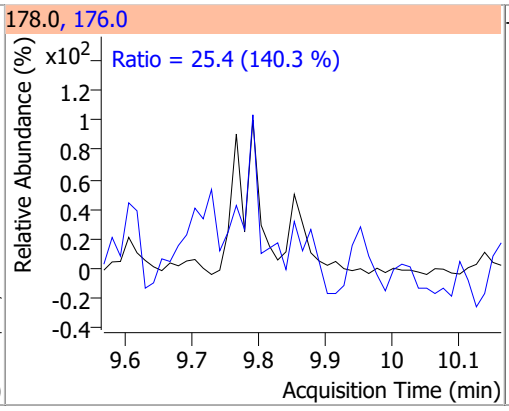
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5

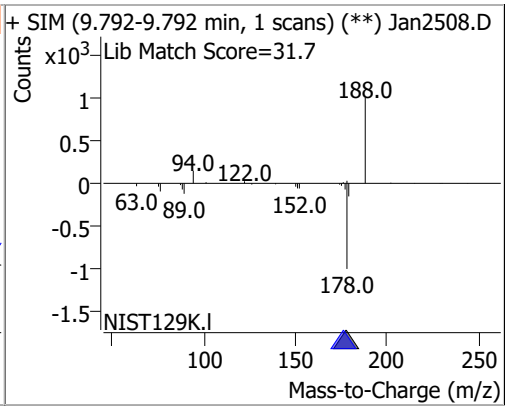




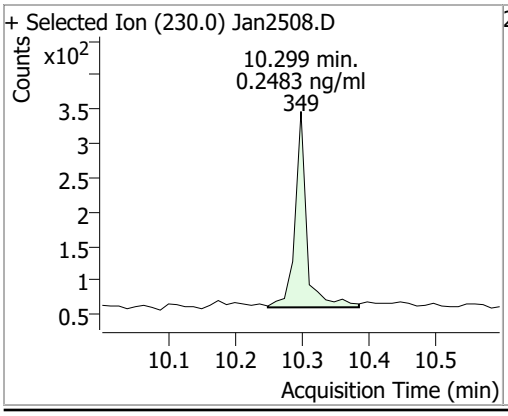
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	0.1116	9.79	-0.07	627	176.0	25.4	12.7	23.5

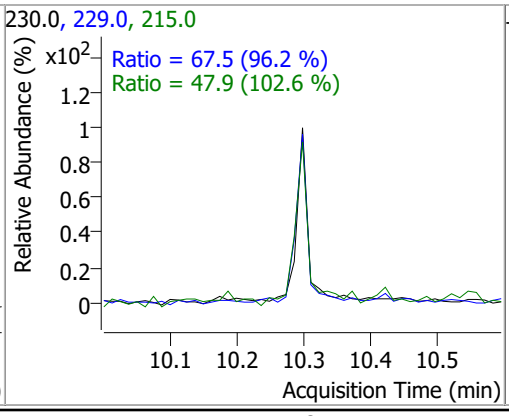


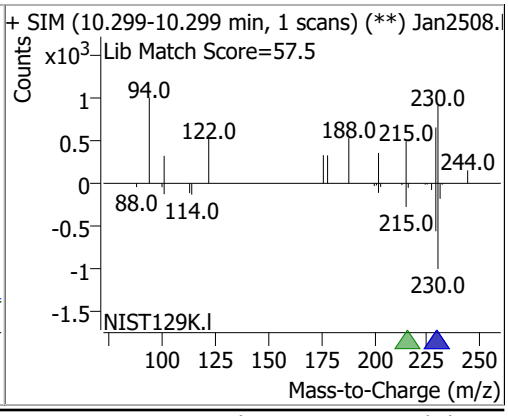




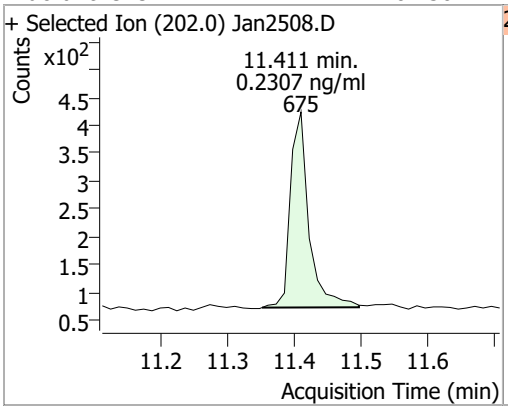
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.2483	10.30	0.00	349	229.0	67.5	49.2	91.3
					215.0	47.9	32.7	60.7

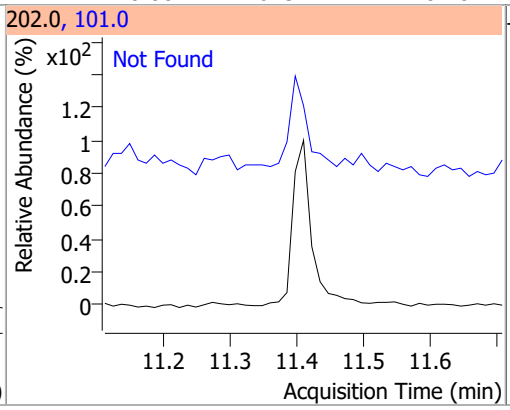


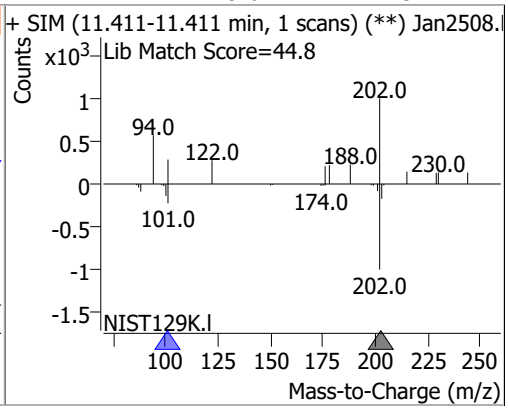




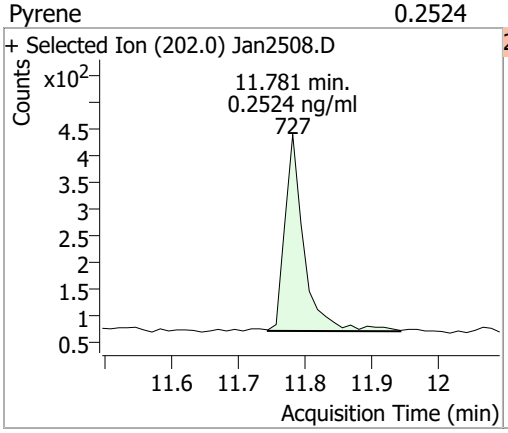
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	0.2307	11.41	0.00	675	101.0		9.6	17.9

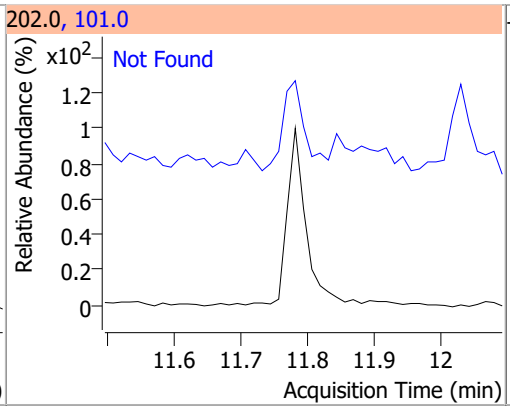


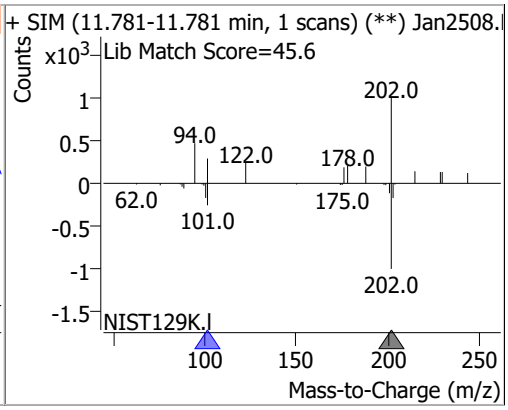




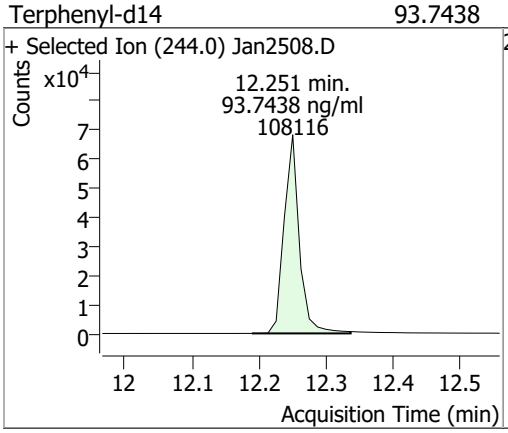
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	0.2524	11.78	-0.01	727	101.0		10.7	20.0

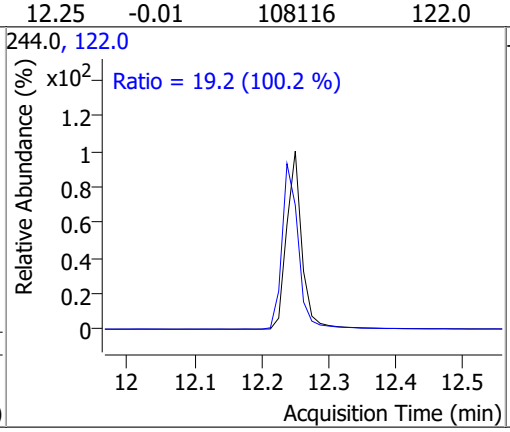


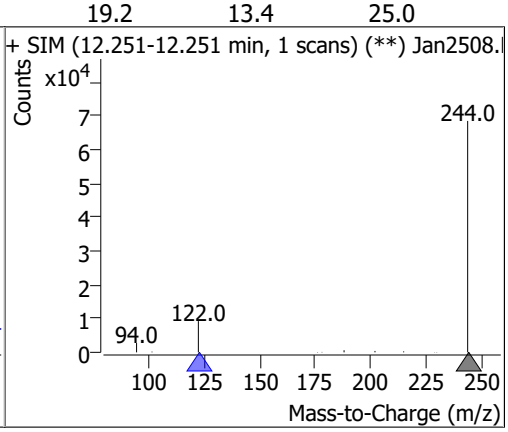




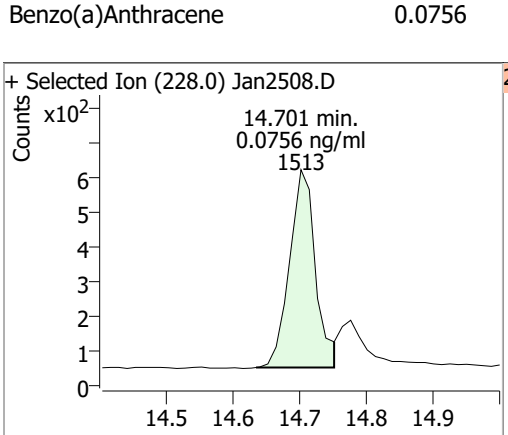
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	93.7438	12.25	-0.01	108116	122.0	19.2	13.4	25.0

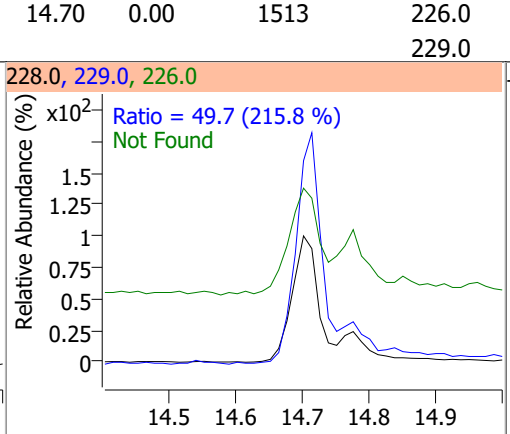


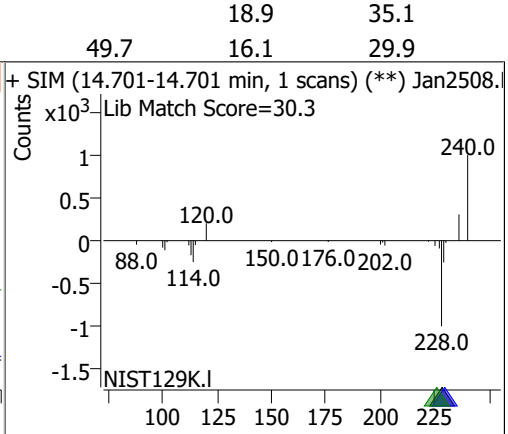




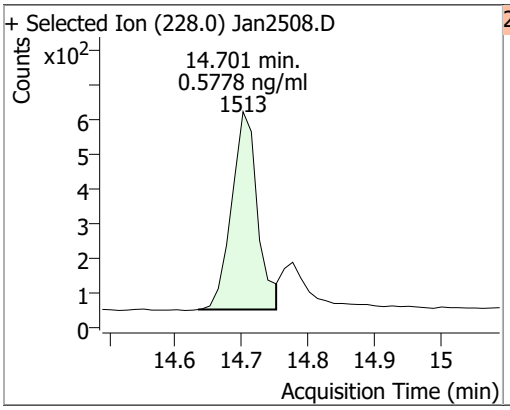
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	0.0756	14.70	0.00	1513	226.0		18.9	35.1
					229.0	49.7	16.1	29.9

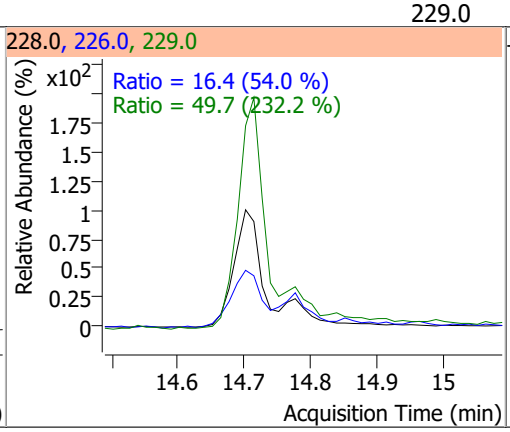


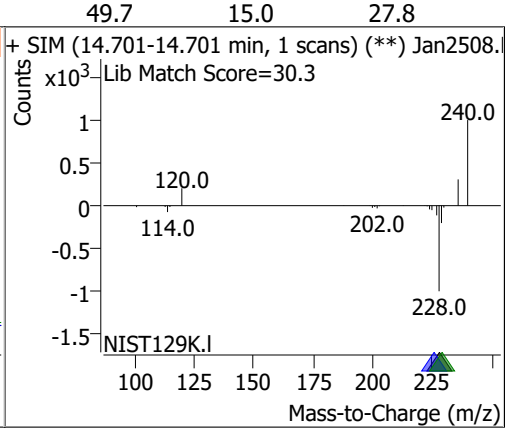




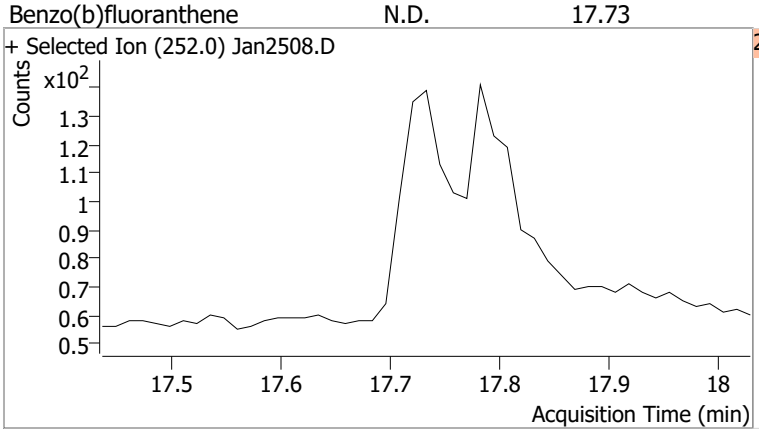
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0.5778	14.70	-0.09	1513	226.0	16.4	21.2	39.4
					229.0	49.7	15.0	27.8

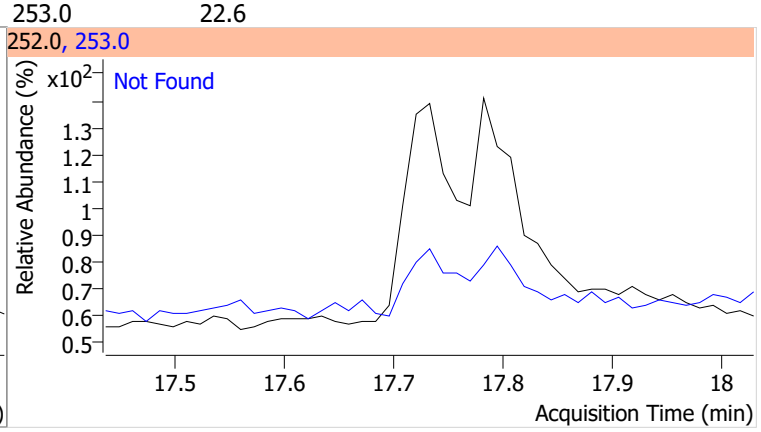




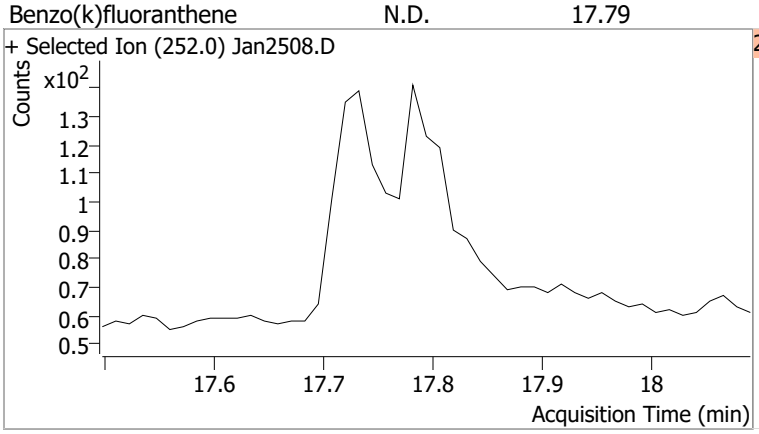


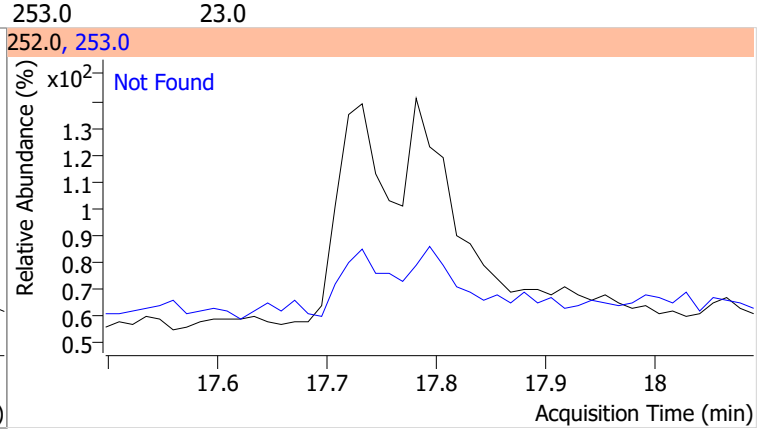
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



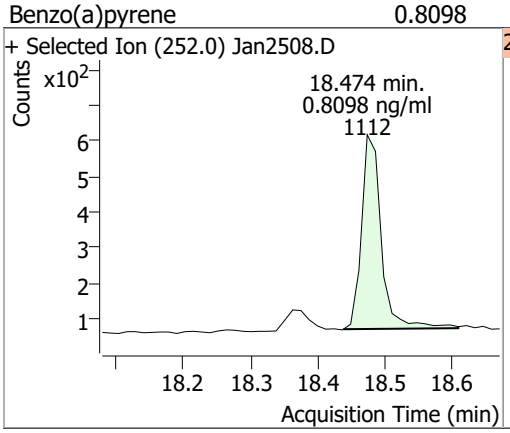


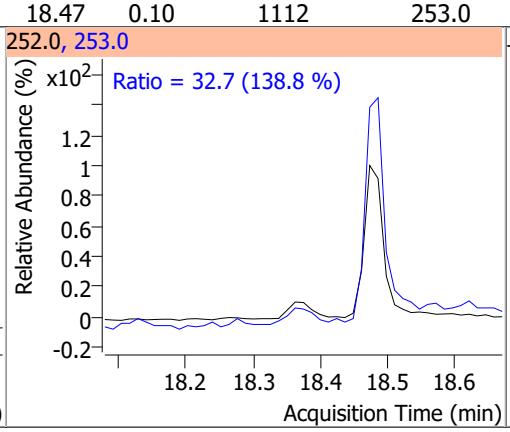
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0

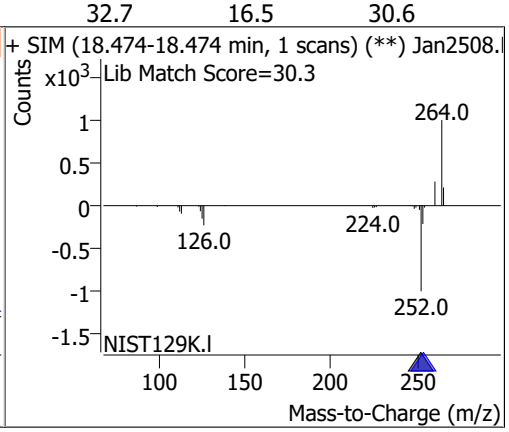




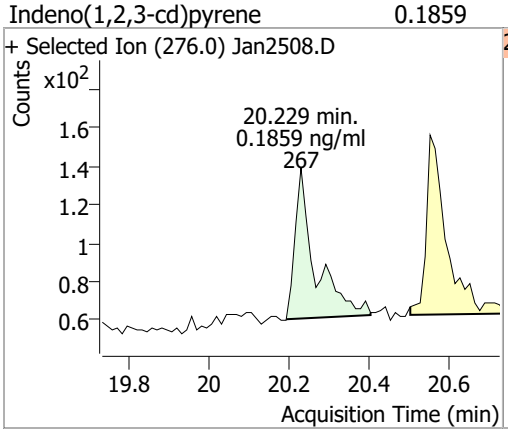
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	0.8098	18.47	0.10	1112	253.0	32.7	16.5	30.6

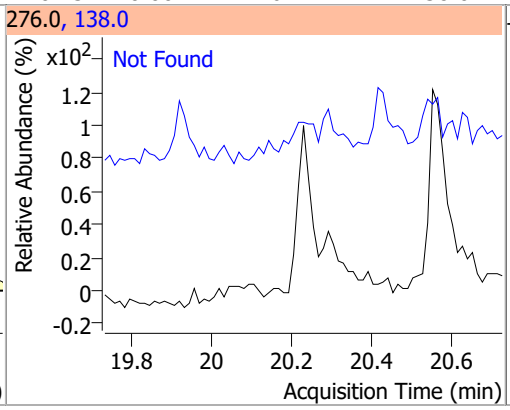


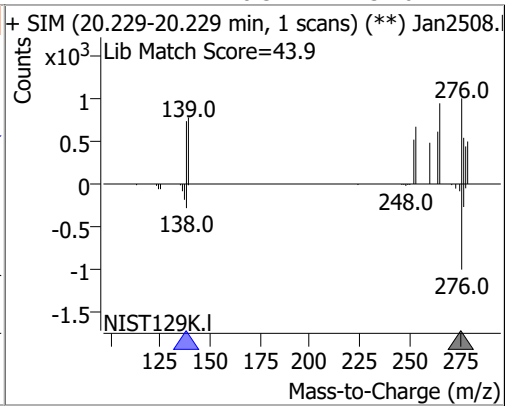




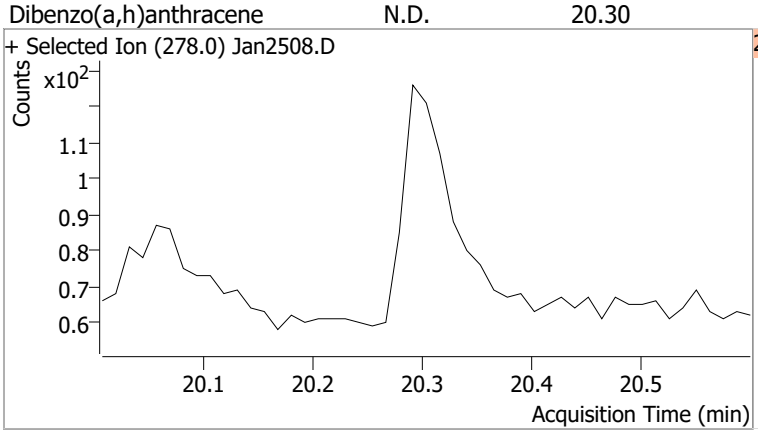
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	0.1859	20.23	0.00	267	138.0		20.3	37.6

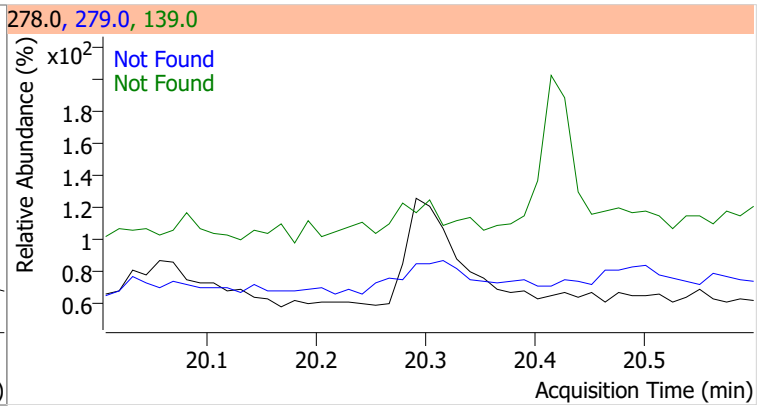




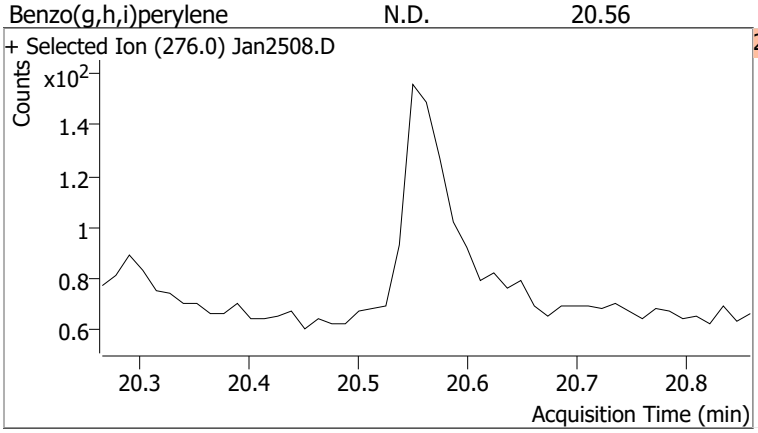


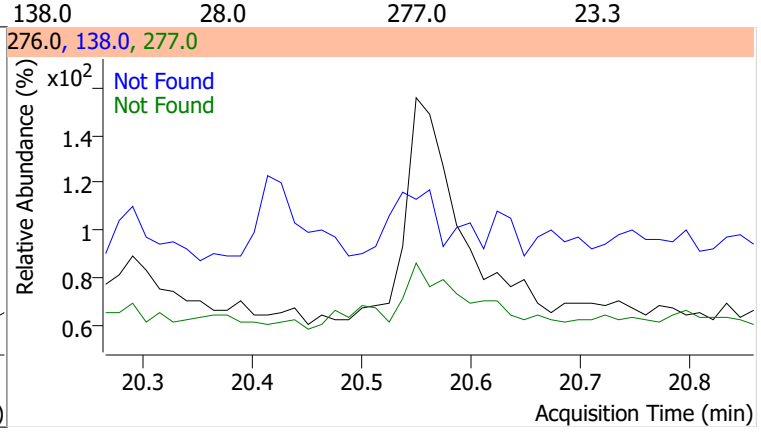
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1





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

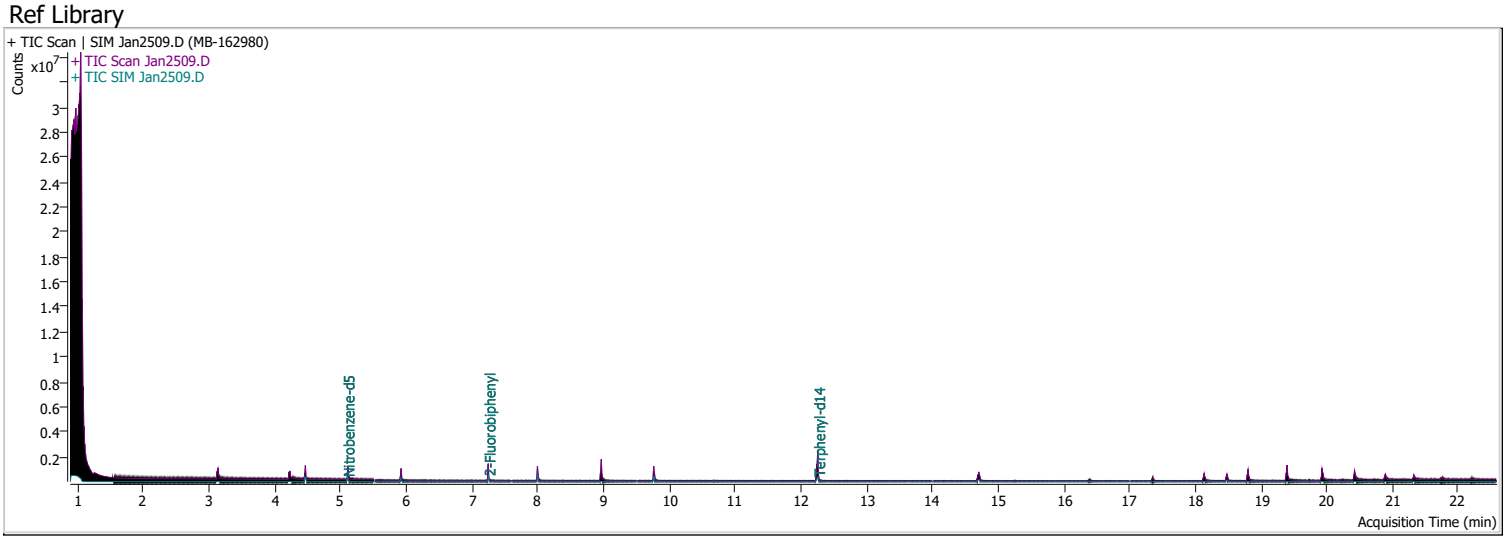




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

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			

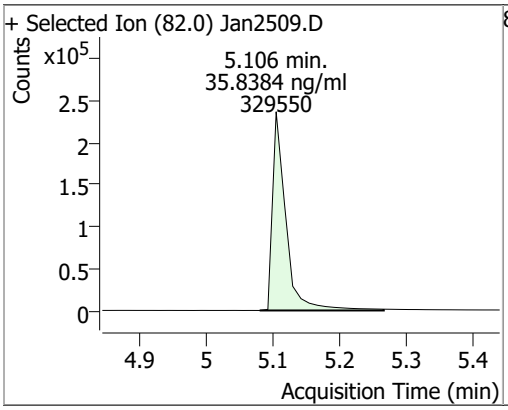


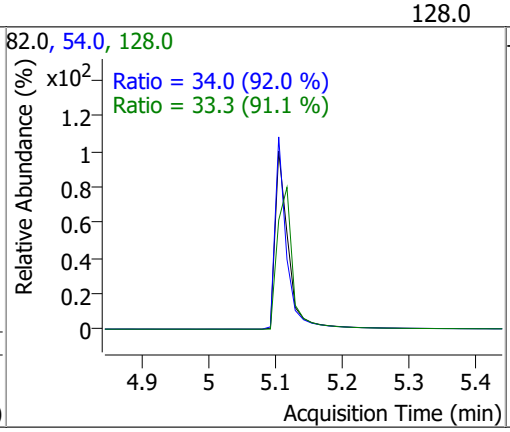
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	174196	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	311305	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.000	164.0	188932	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	370006	40.0000	ng/ml		-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
System Monitoring Compounds							
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%		*	
Target Compounds							**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	8.038	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	14.776	228.0	0		ng/ml	md	1
T Benzo(b)fluoranthene	0.000		0	N.D.			

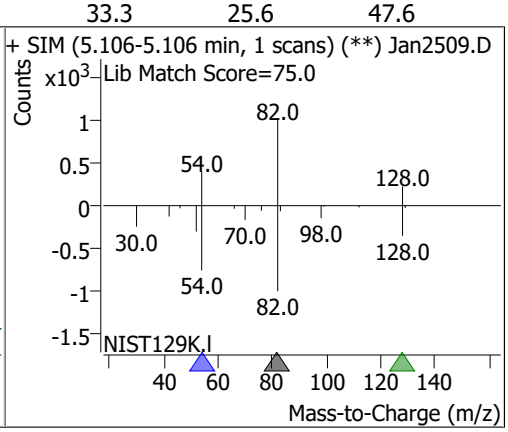
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.			
T Benzo(a)pyrene	18.474	252.0	0		ng/ml	md	1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.			
T Dibenzo(a,h)anthracene	0.000		0	N.D.			
T Benzo(g,h,i)perylene	0.000		0	N.D.			

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

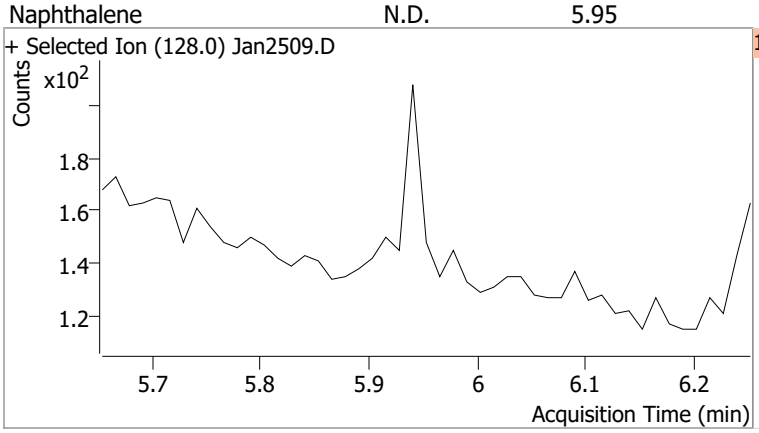
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	35.8384	5.11	-0.04	329550	54.0	34.0	25.9	48.1
					128.0	33.3	25.6	47.6

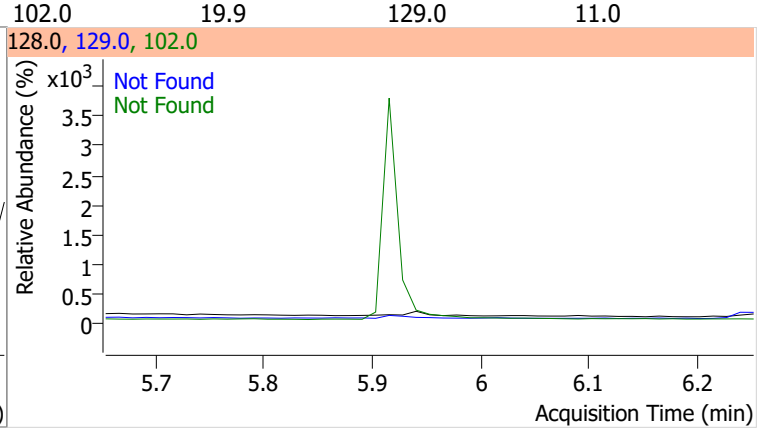




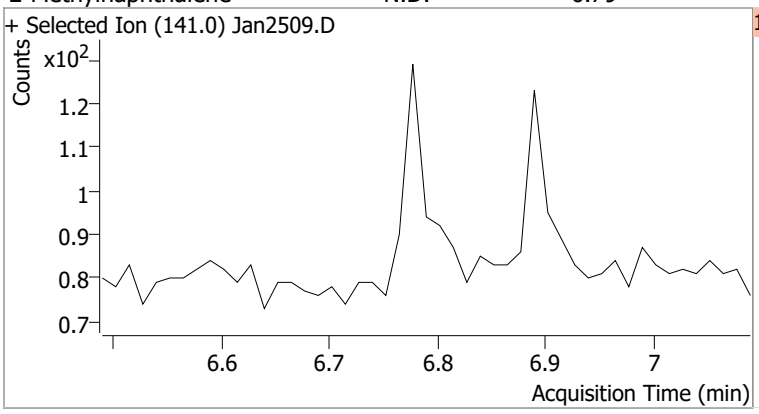


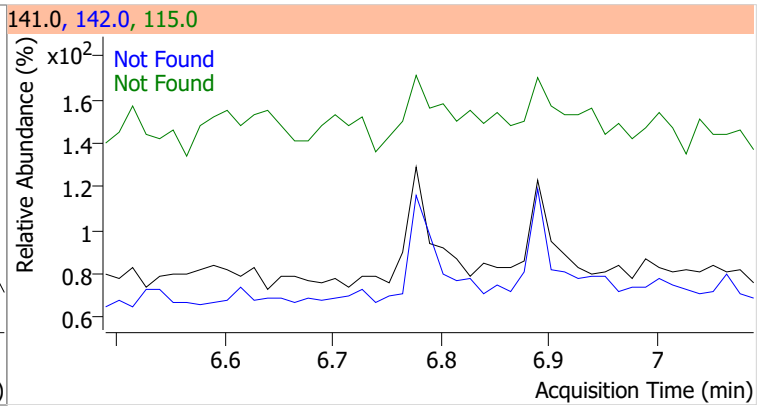
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



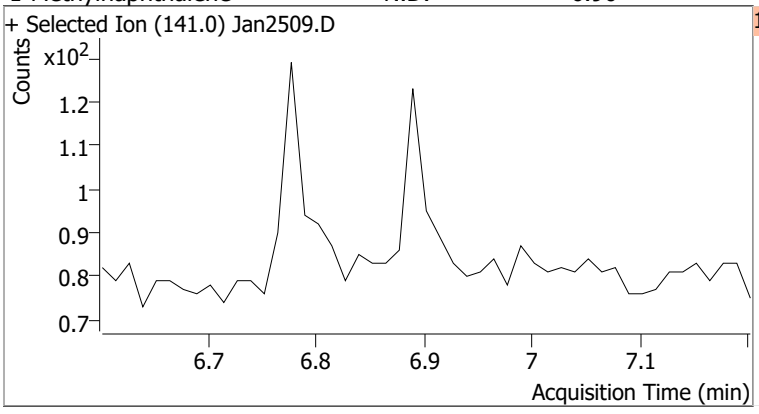


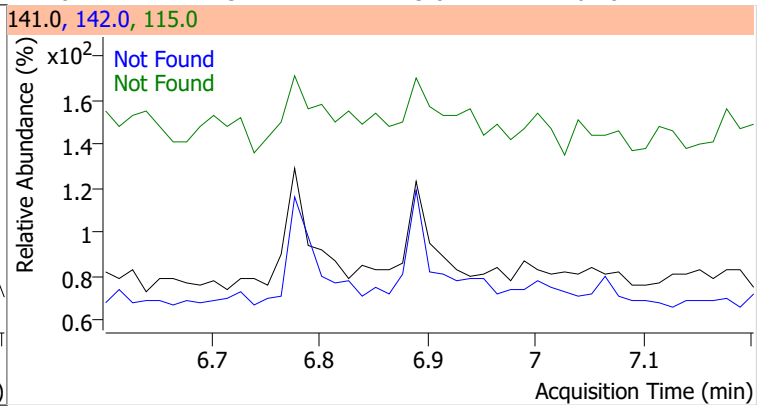
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



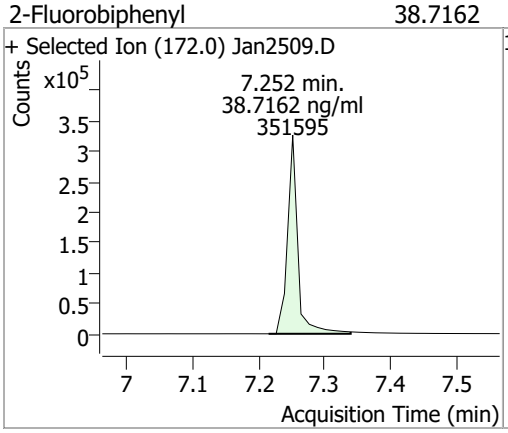


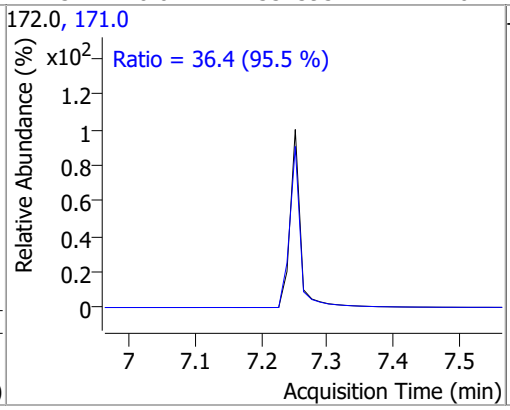
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

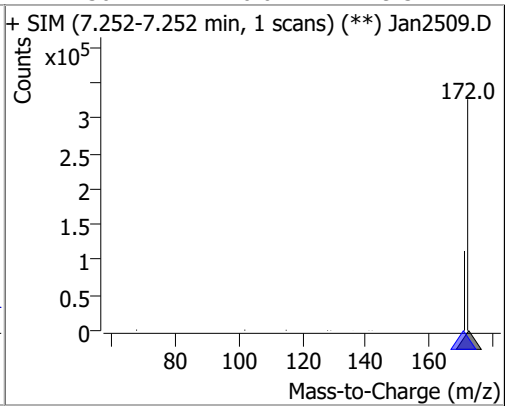




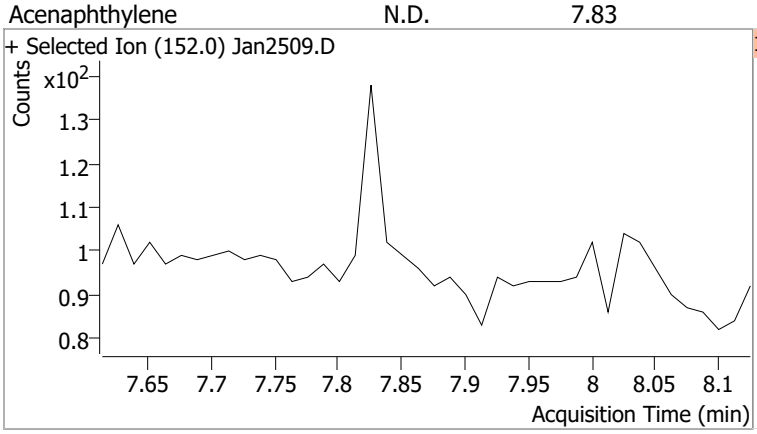
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	38.7162	7.25	-0.01	351595	171.0	36.4	26.6	49.5

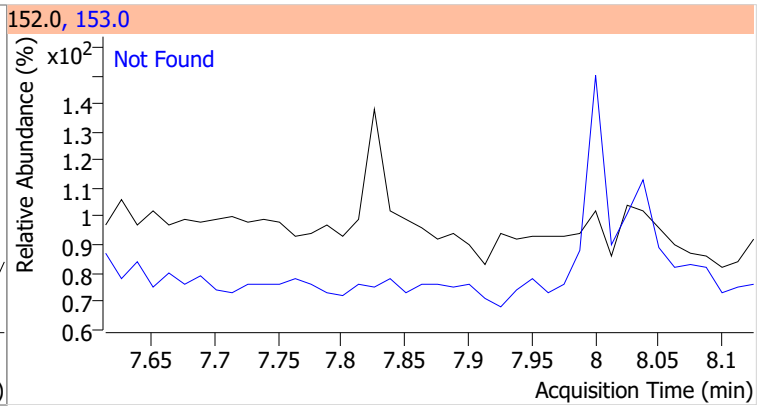




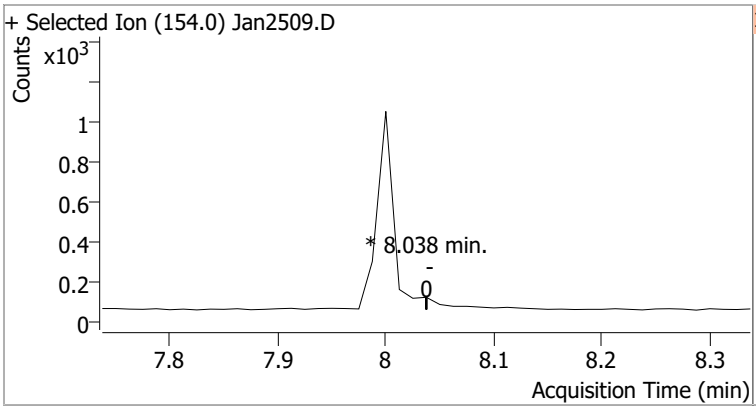


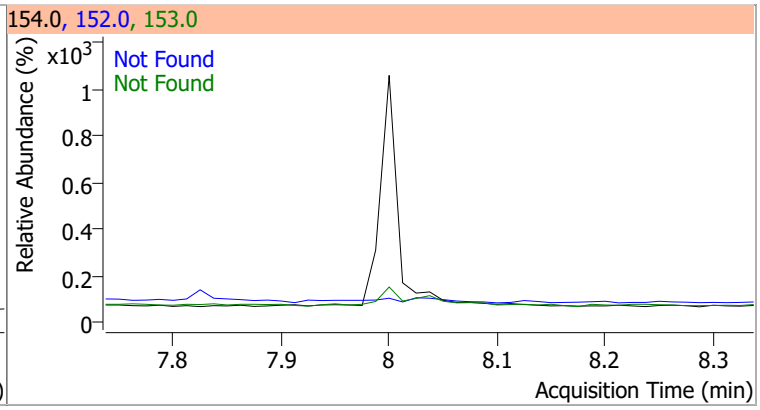
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



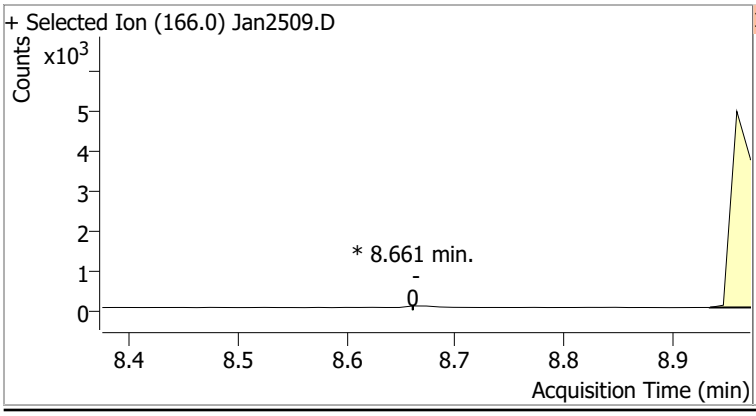


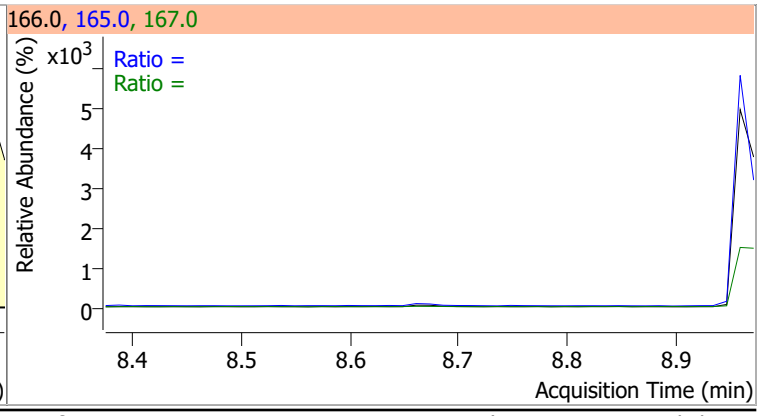
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1



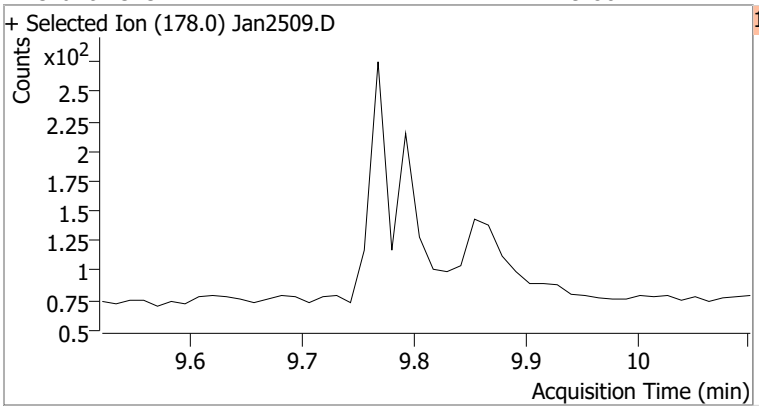


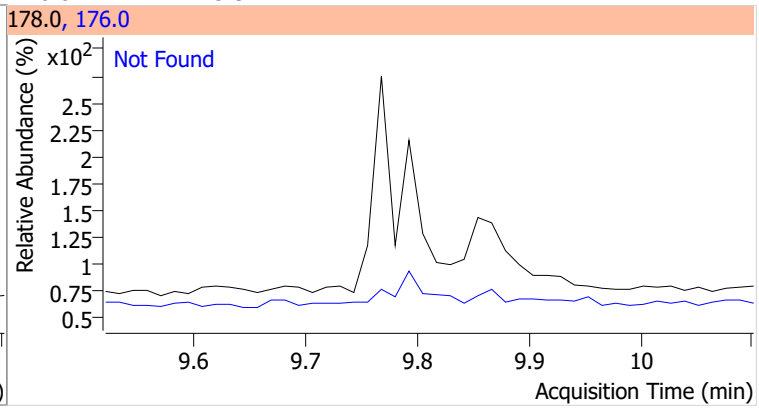
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		69.1	128.3
					167.0		9.7	18.0



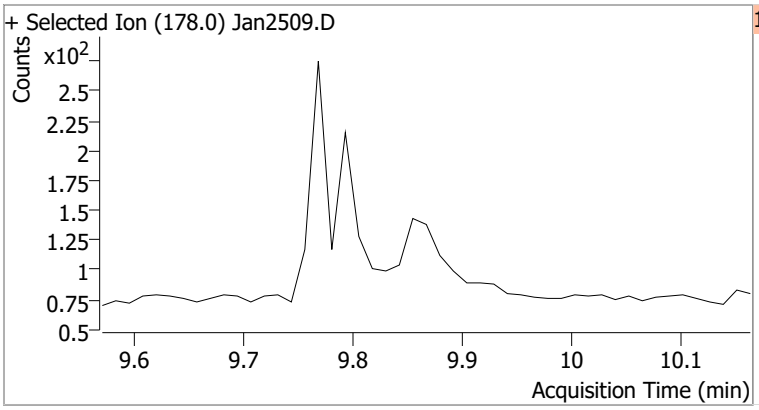


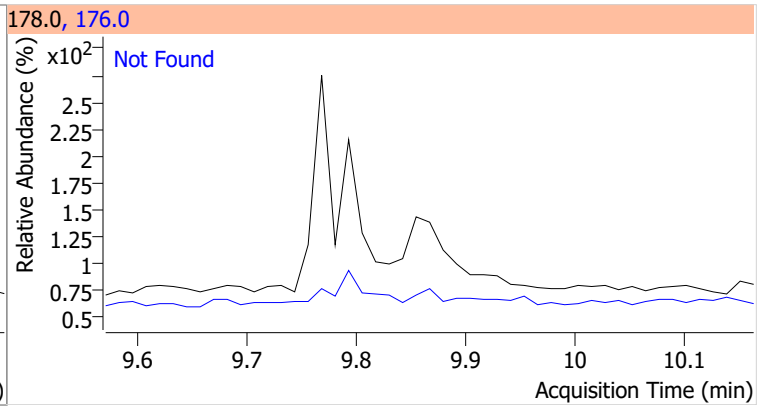
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



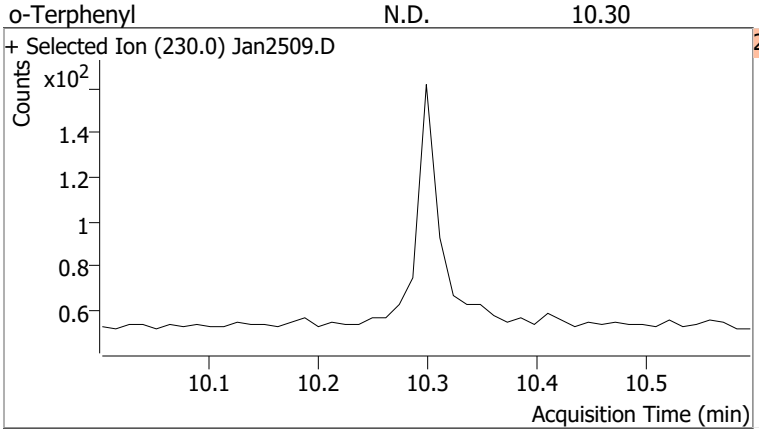


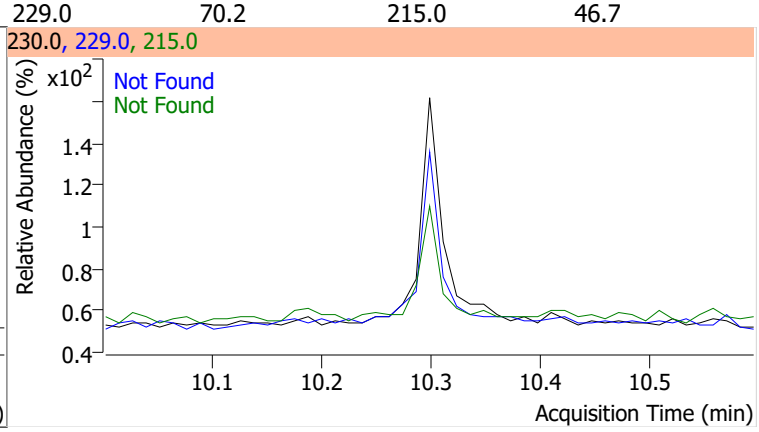
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.87	176.0	18.1



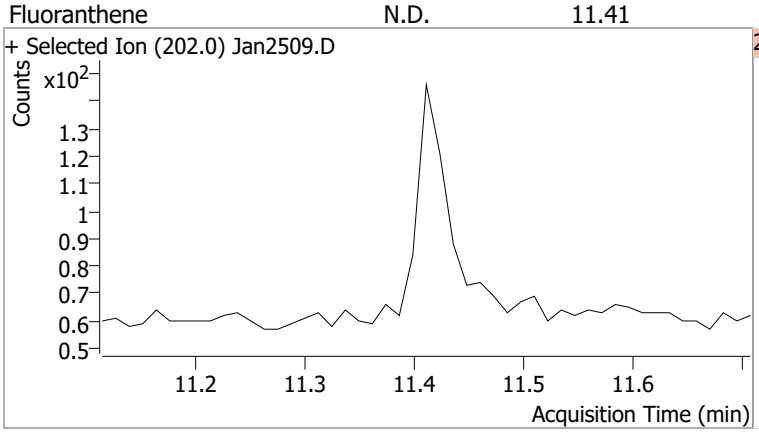


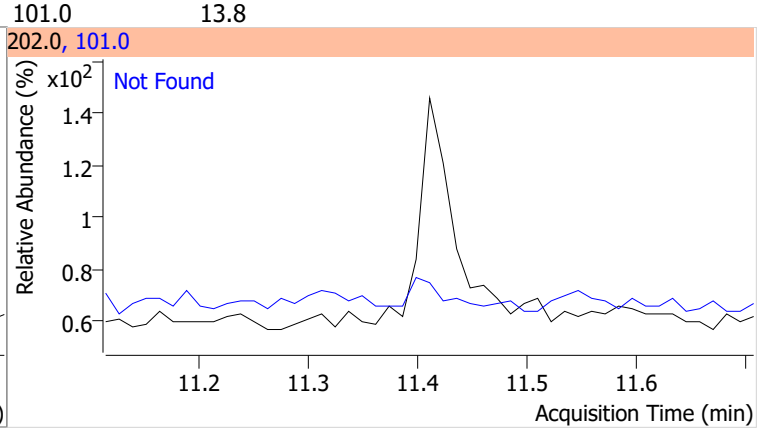
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	70.2	215.0	46.7



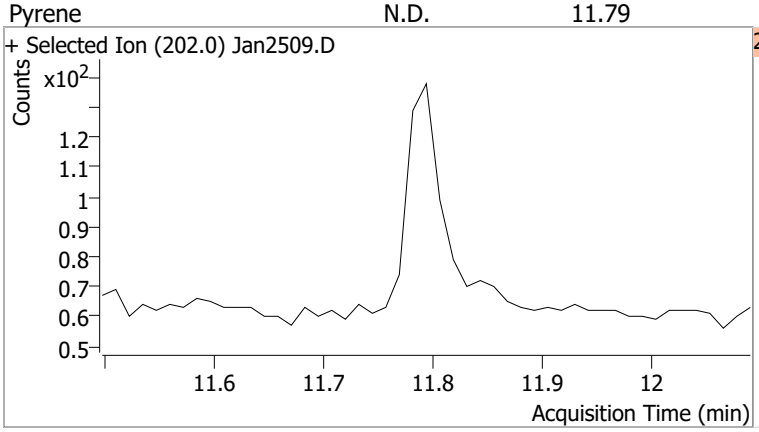


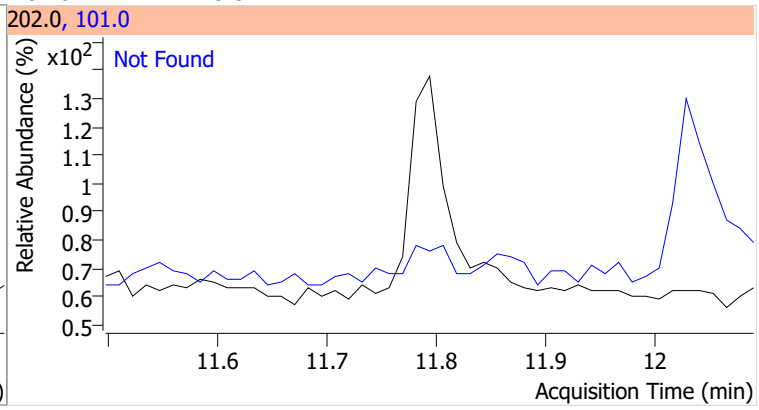
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8



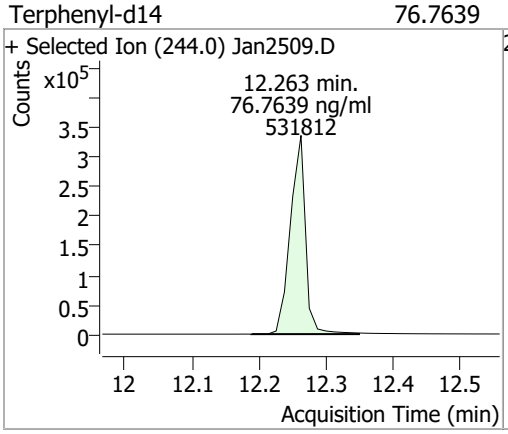


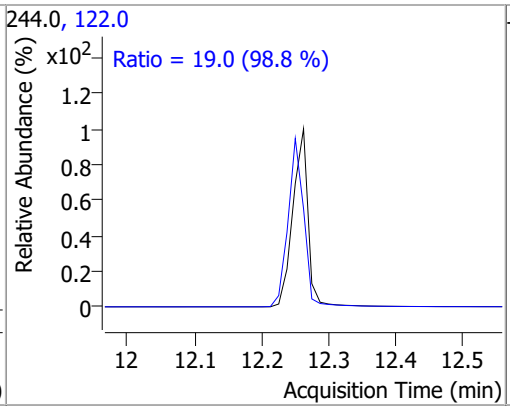
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.79	101.0	15.3

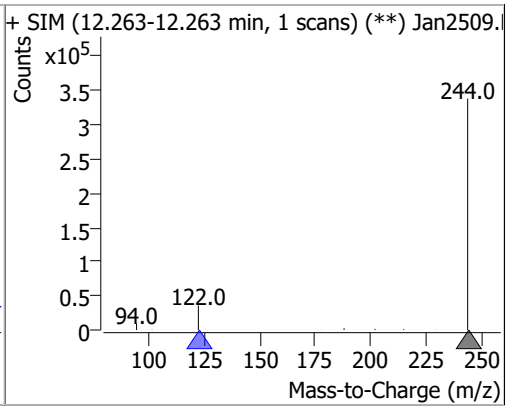




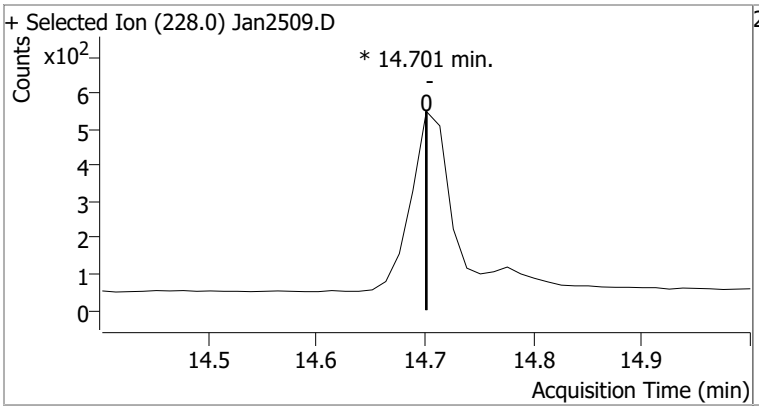
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	76.7639	12.26	0.00	531812	122.0	19.0	13.4	25.0

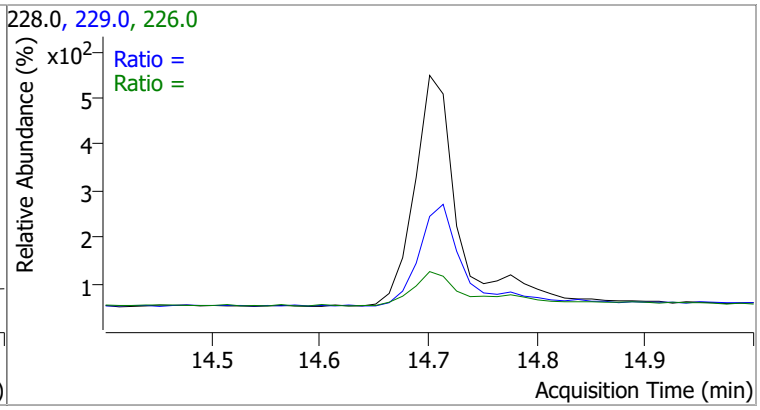




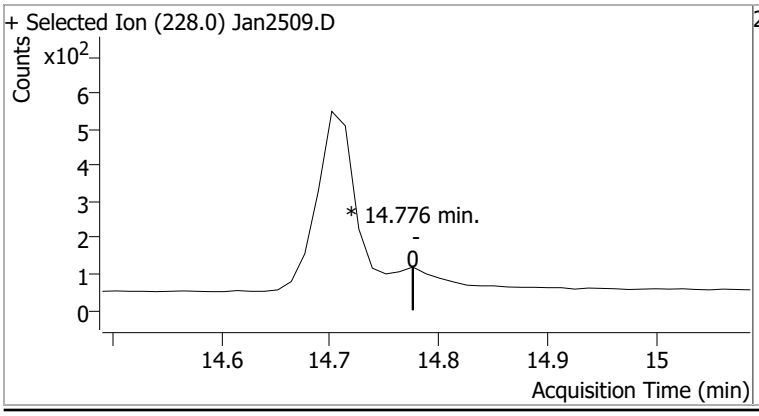


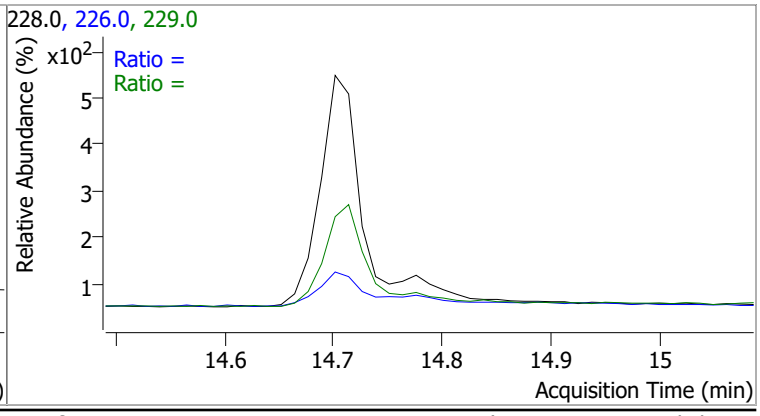
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene		0		0	226.0		18.9	35.1
					229.0		16.1	29.9



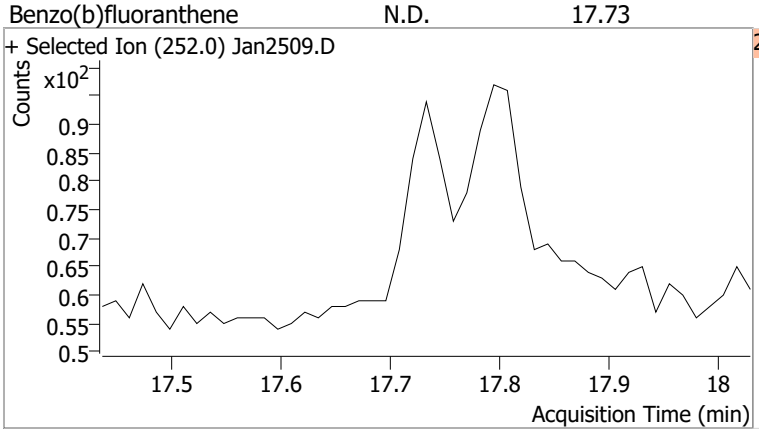


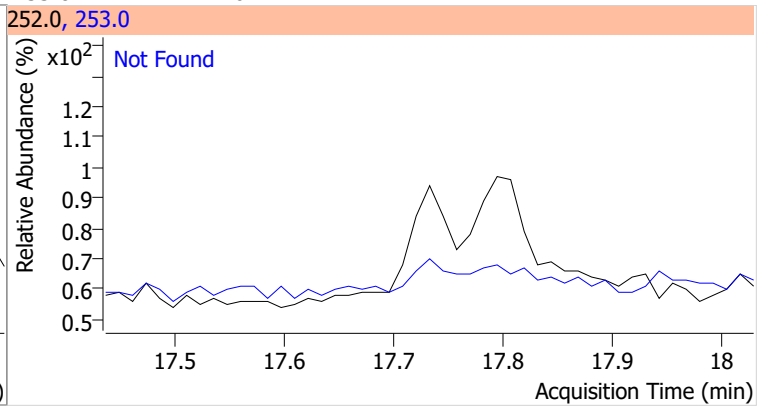
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene		0		0	226.0		21.2	39.4
					229.0		15.0	27.8



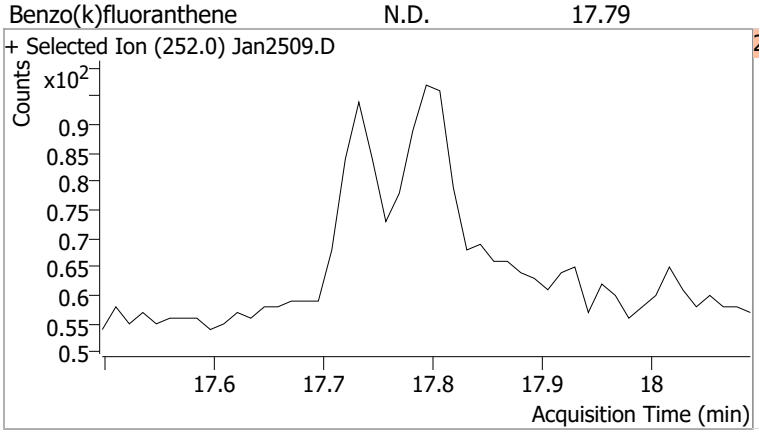


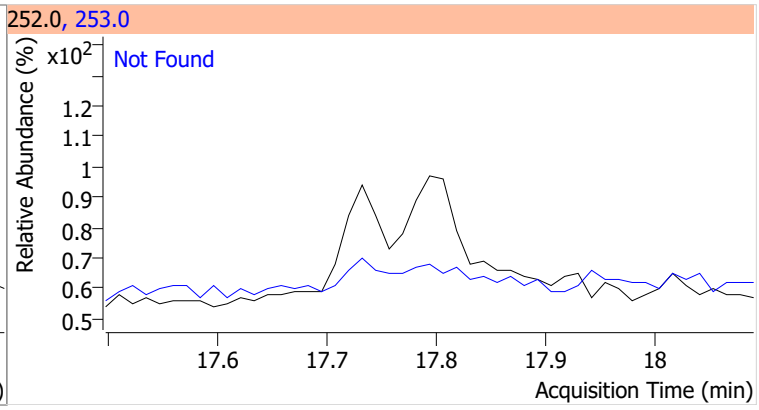
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



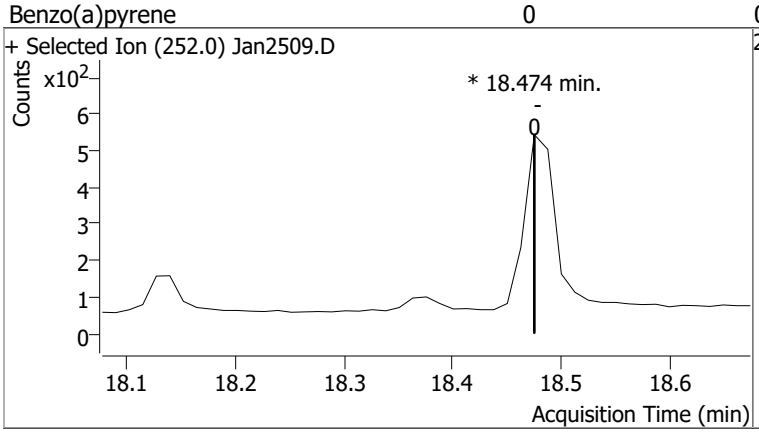


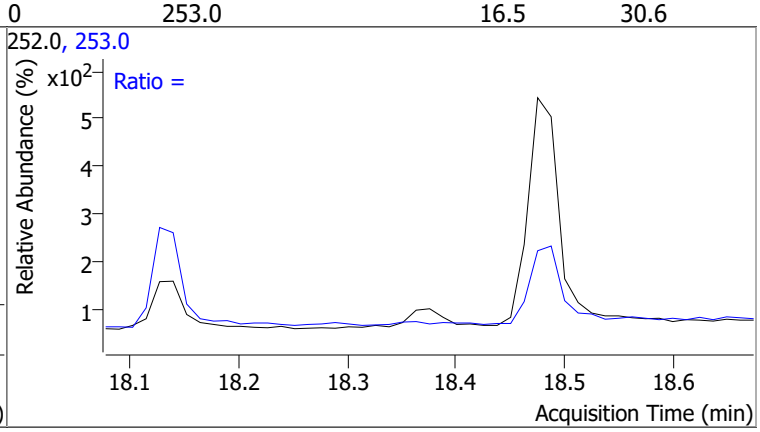
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



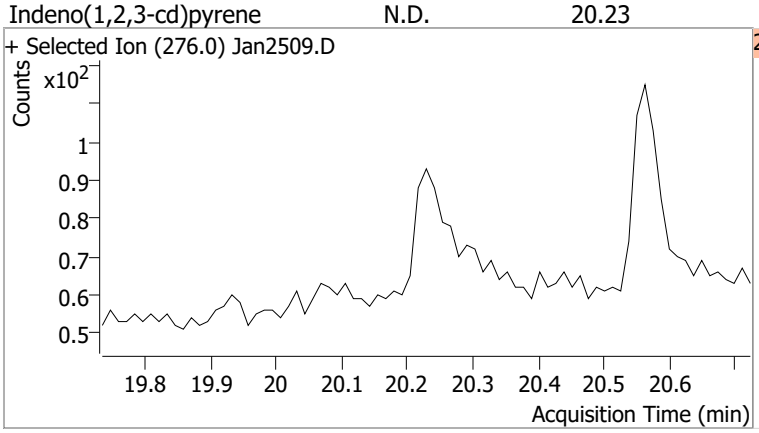


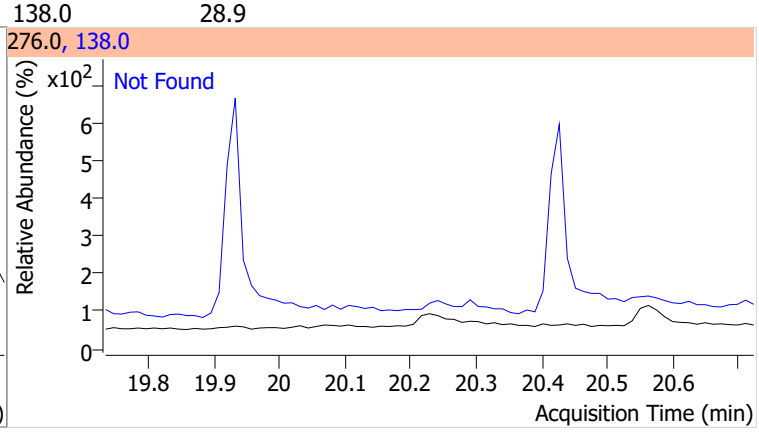
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



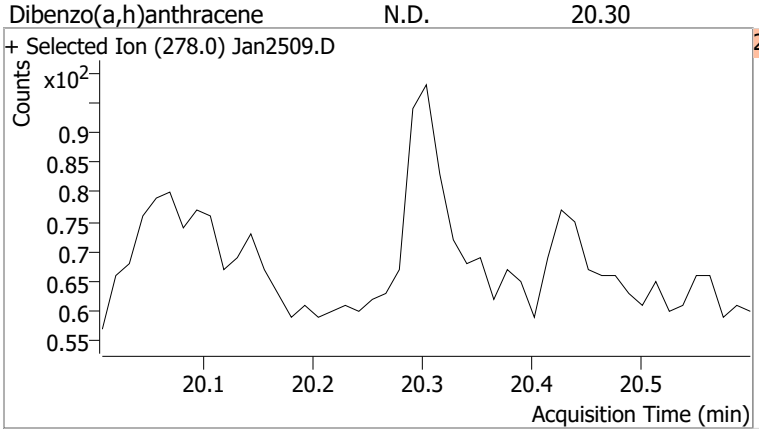


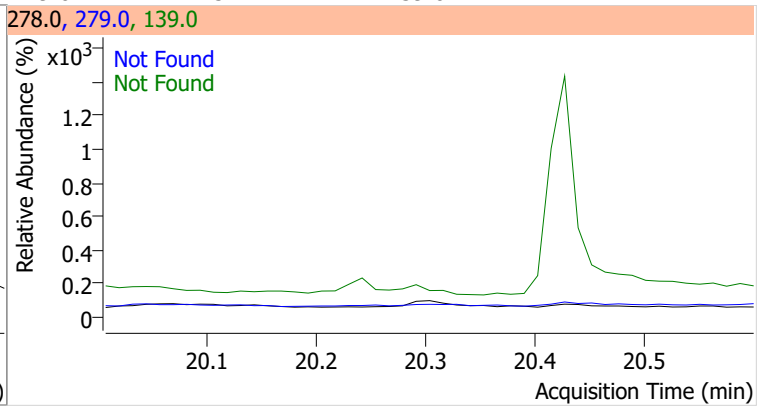
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



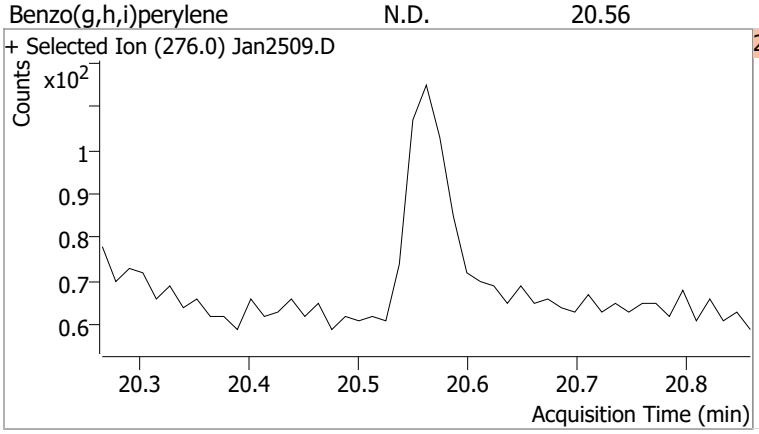


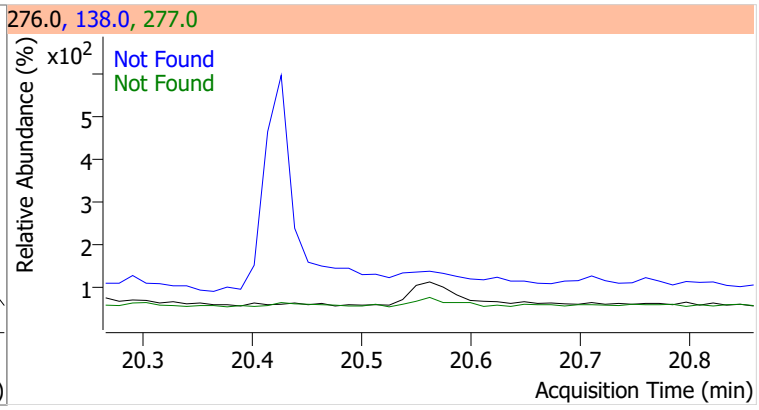
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1





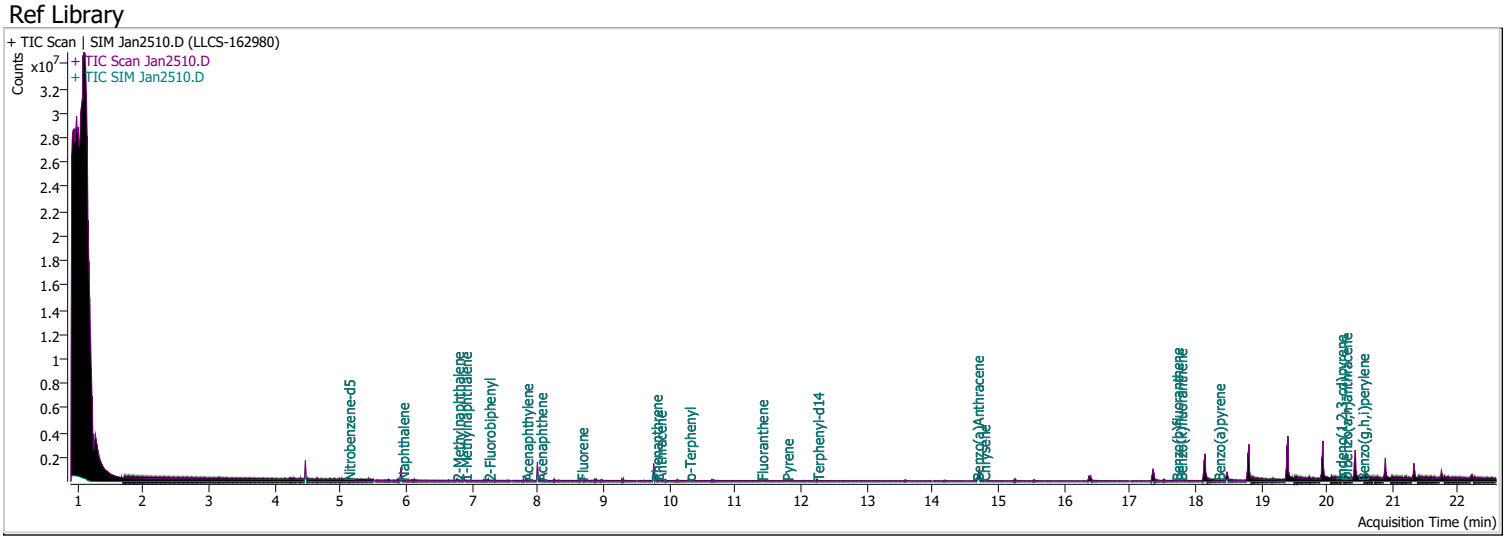
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3





Quantitation Results Report (QT Reviewed)

Data File	Jan2510.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 3:24:04 PM
Sample Name	LLCS-162980	Instrument	GCMS
Vial	10	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			

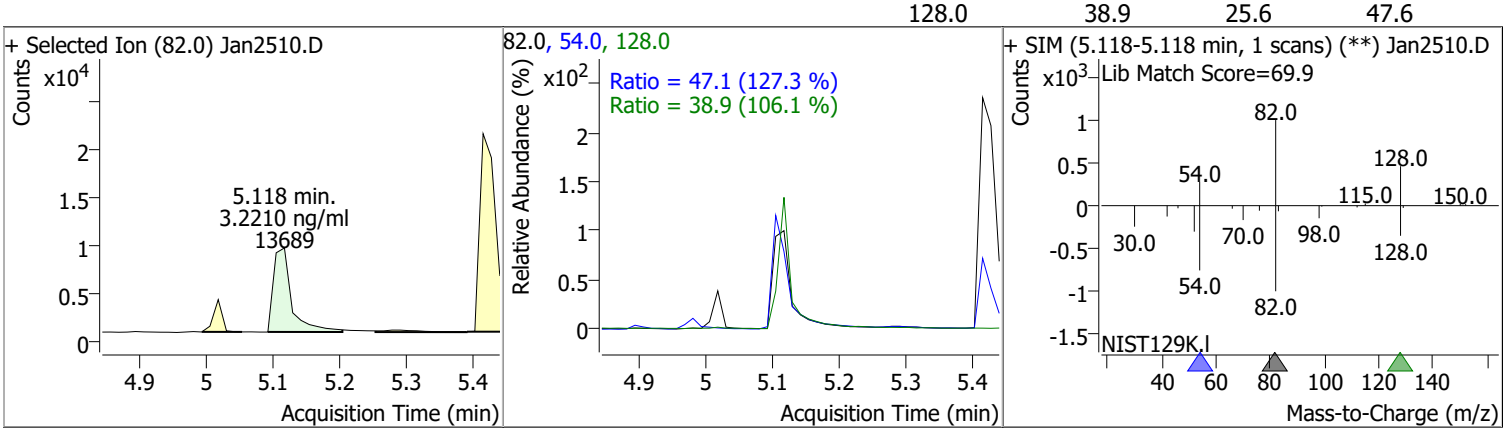


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M 1,4-Dichlorobenzene-d4	4.472	152.0	208745	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	351836	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.001	164.0	210774	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	433622	40.0000	ng/ml	-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
System Monitoring Compounds						
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%		
Target Compounds						QValue
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

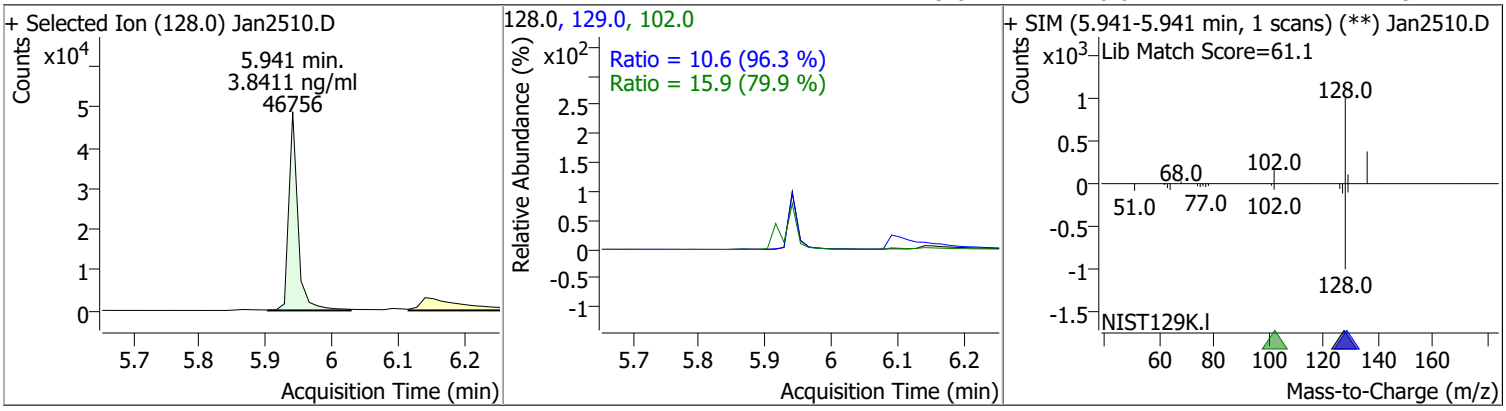
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	48113	4.3533	ng/ml	99
T Benzo(a)pyrene	18.351	252.0	36867	4.7793	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.204	276.0	38964	5.2038	ng/ml	93
T Dibenzo(a,h)anthracene	20.279	278.0	44113	5.2366	ng/ml	96
T Benzo(g,h,i)perylene	20.538	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

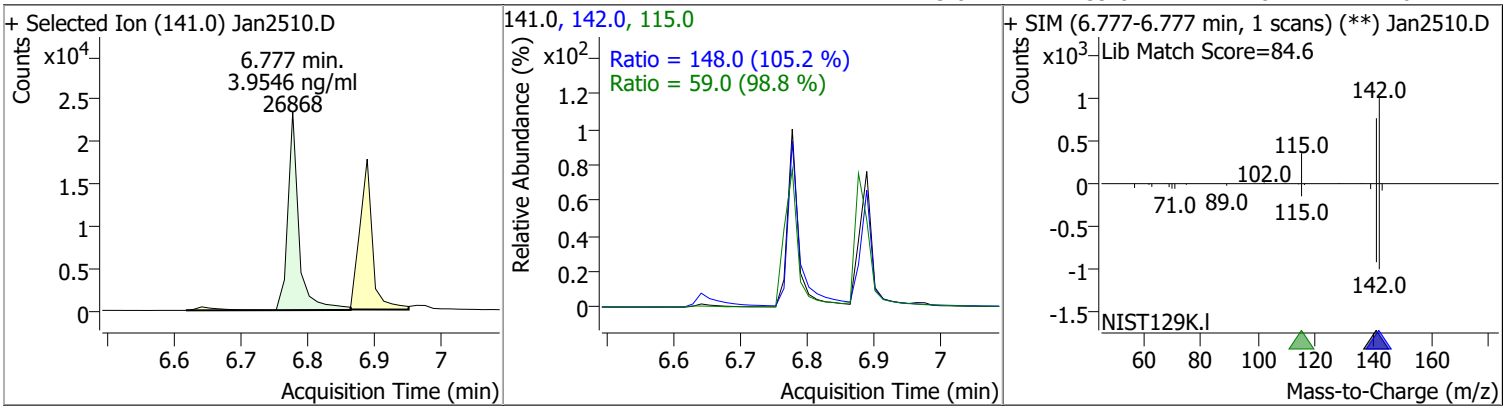
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	3.2210	5.12	-0.02	13689	54.0	47.1	25.9	48.1
					128.0	38.9	25.6	47.6



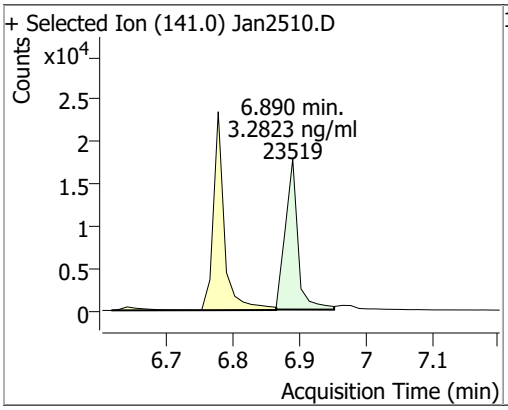
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.8411	5.94	-0.01	46756	102.0	15.9	0.0	59.6
					129.0	10.6	7.7	14.3

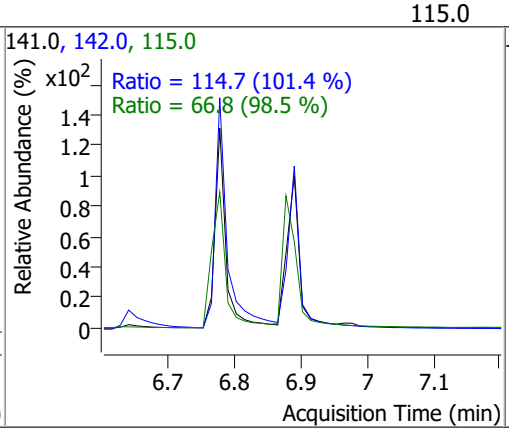


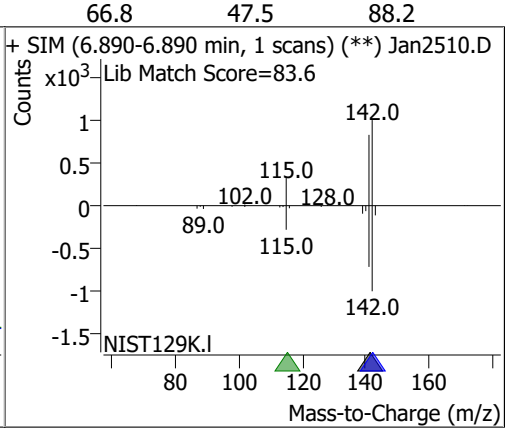
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.9546	6.78	-0.01	26868	142.0	148.0	98.5	183.0
					115.0	59.0	41.8	77.6



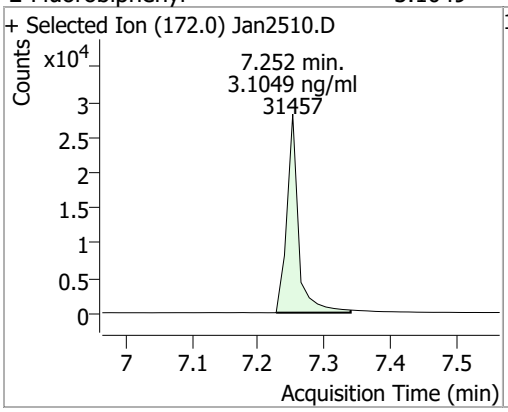
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	3.2823	6.89	-0.01	23519	142.0	114.7	79.2	147.1
					115.0	66.8	47.5	88.2

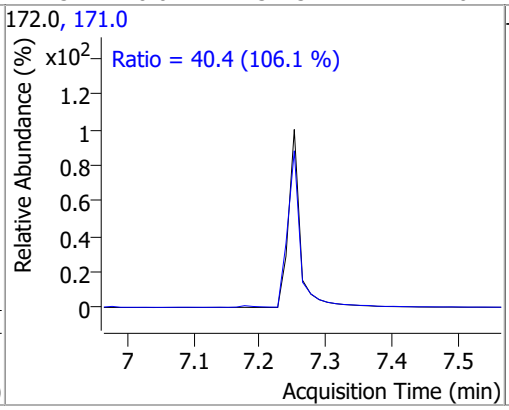


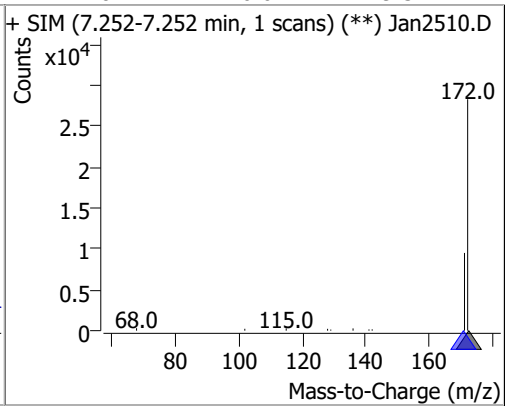




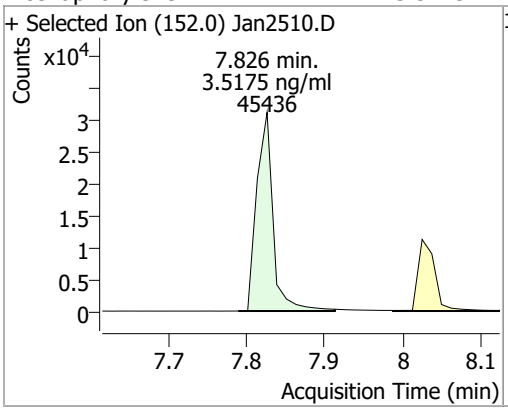
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	3.1049	7.25	-0.01	31457	171.0	40.4	26.6	49.5

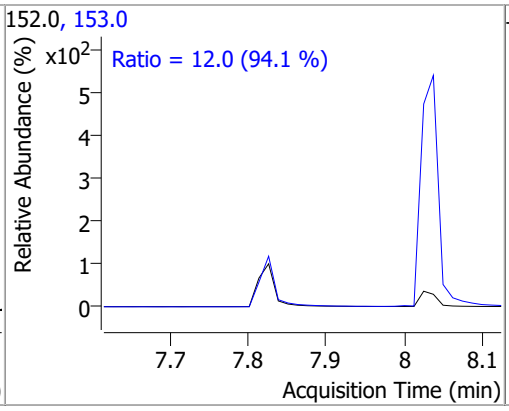


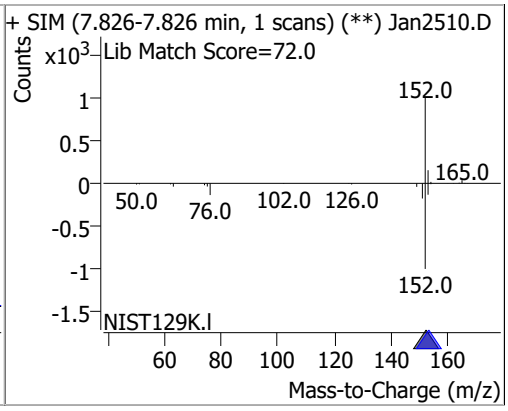




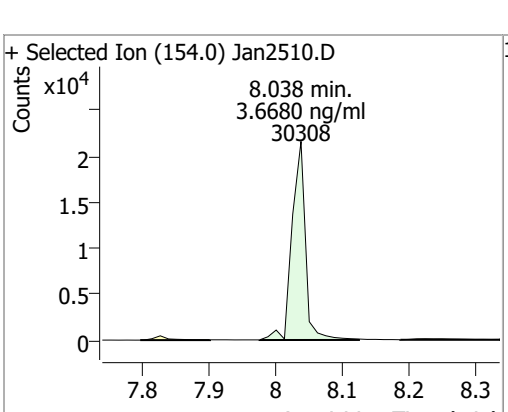
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	3.5175	7.83	0.00	45436	153.0	12.0	9.0	16.6

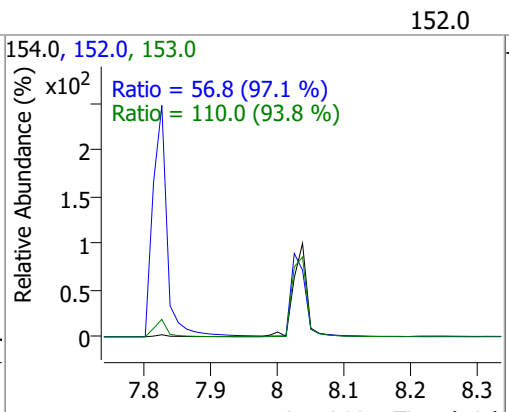


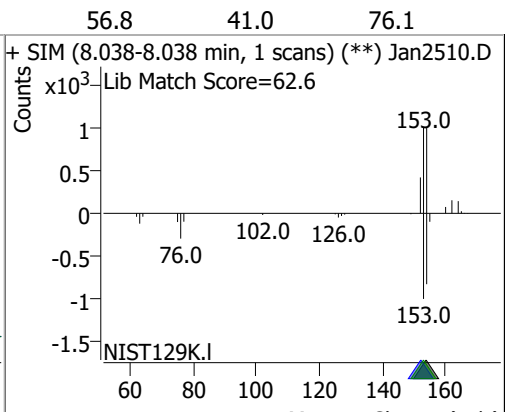




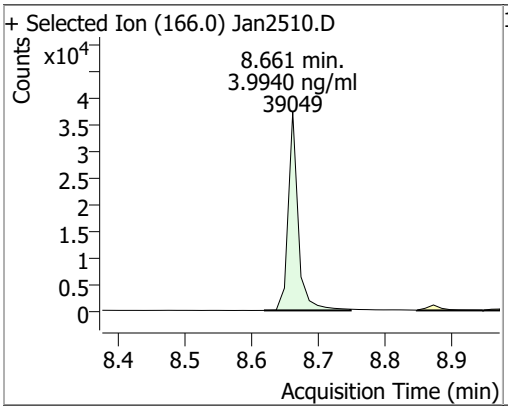
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	3.6680	8.04	0.00	30308	153.0	110.0	82.1	152.6
					152.0	56.8	41.0	76.1

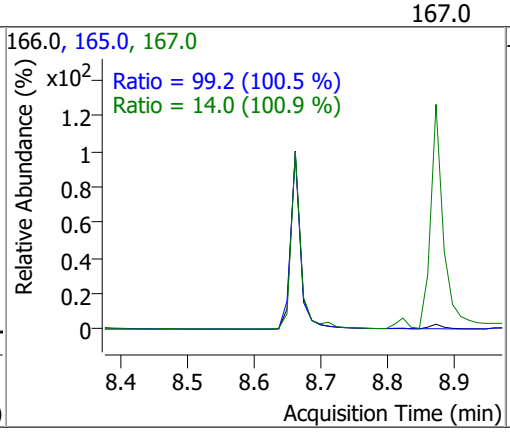


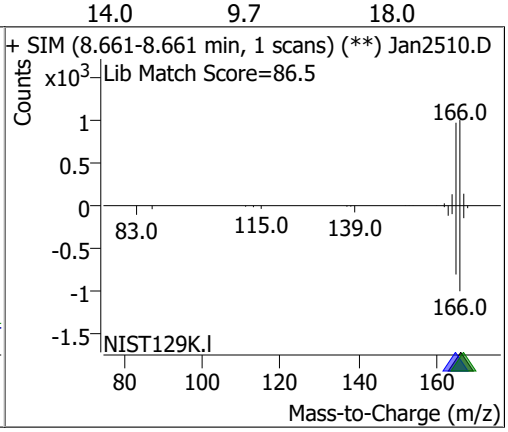




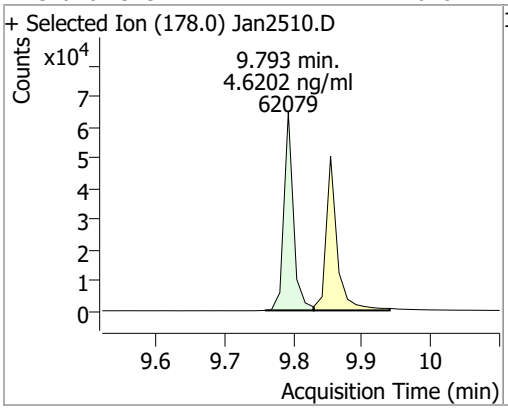
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.9940	8.66	-0.01	39049	165.0	99.2	69.1	128.3
					167.0	14.0	9.7	18.0

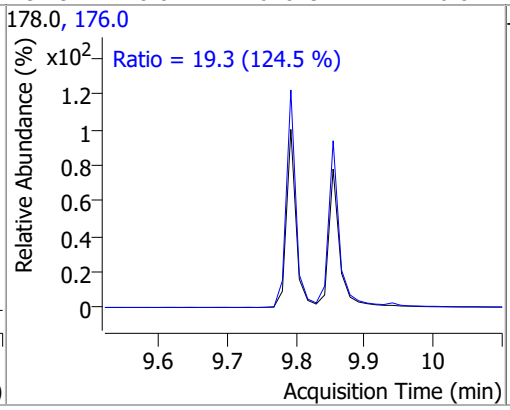


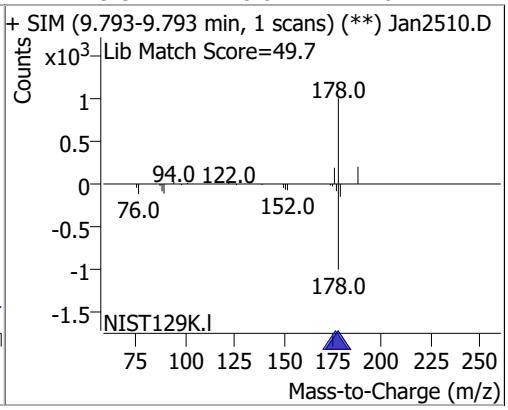




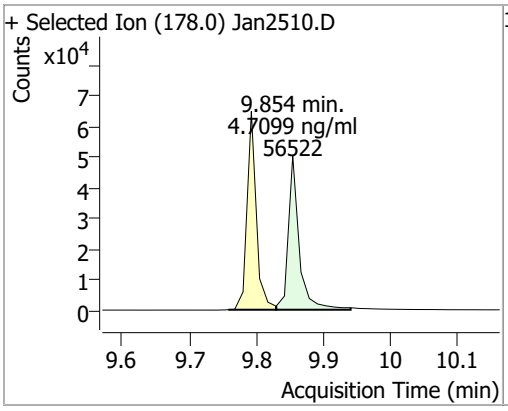
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.6202	9.79	-0.01	62079	176.0	19.3	10.8	20.1

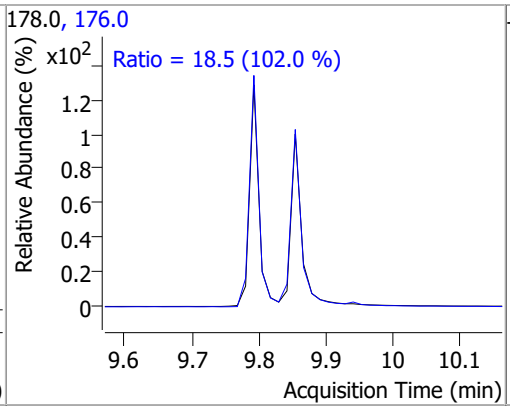


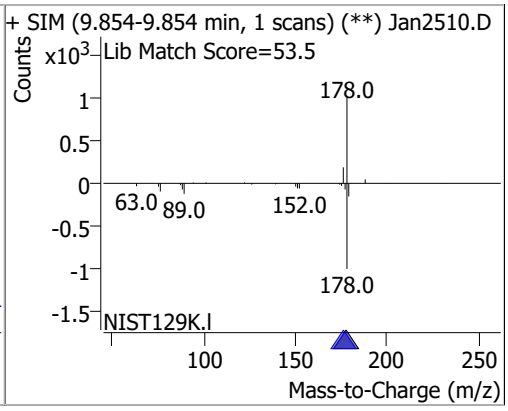




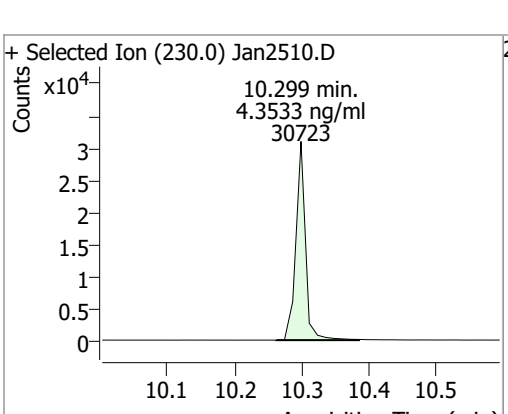
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.7099	9.85	-0.01	56522	176.0	18.5	12.7	23.5

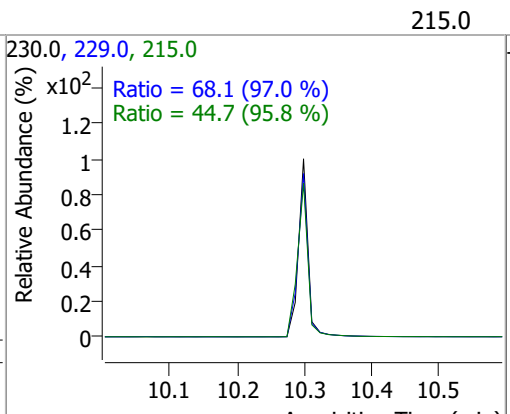


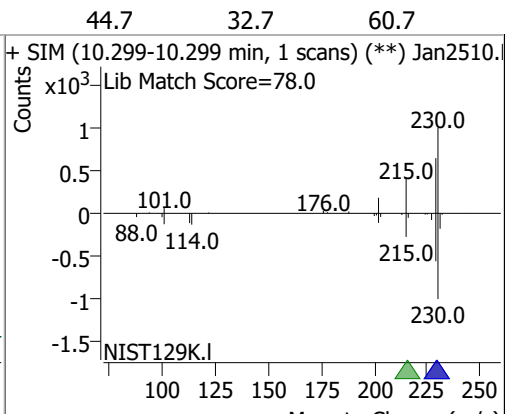




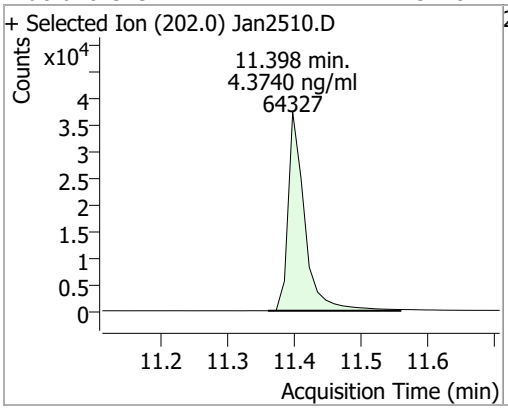
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.3533	10.30	0.00	30723	229.0	68.1	49.2	91.3
					215.0	44.7	32.7	60.7

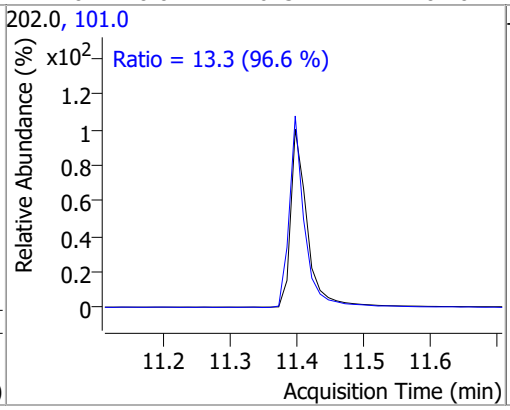


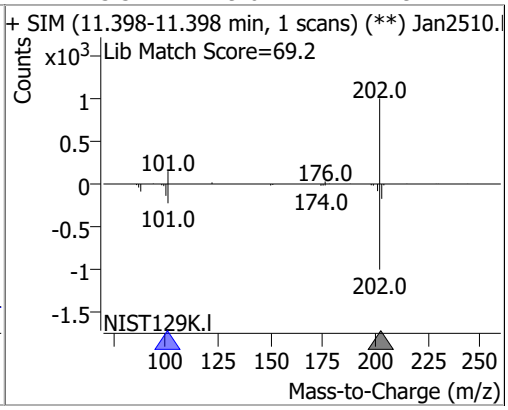




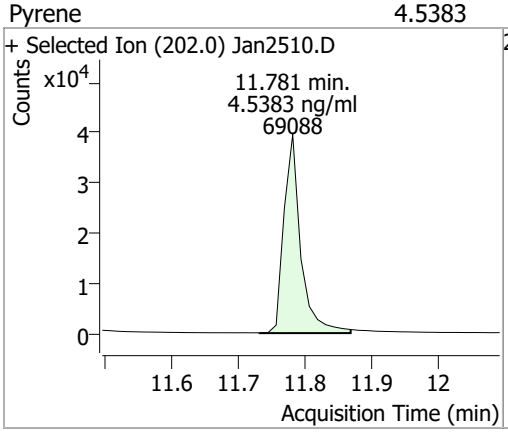
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.3740	11.40	-0.01	64327	101.0	13.3	9.6	17.9

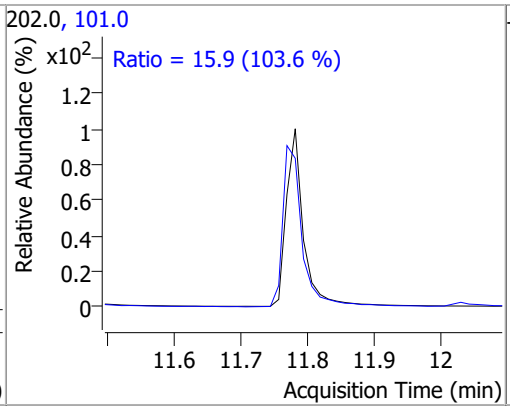


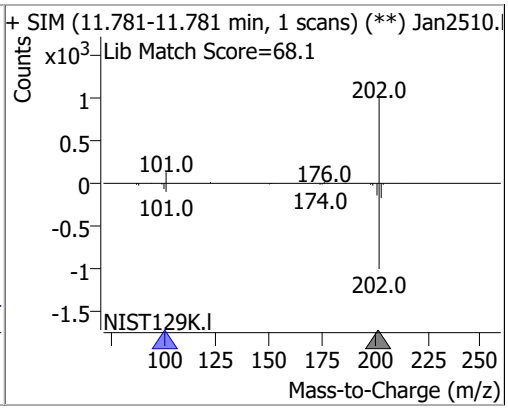




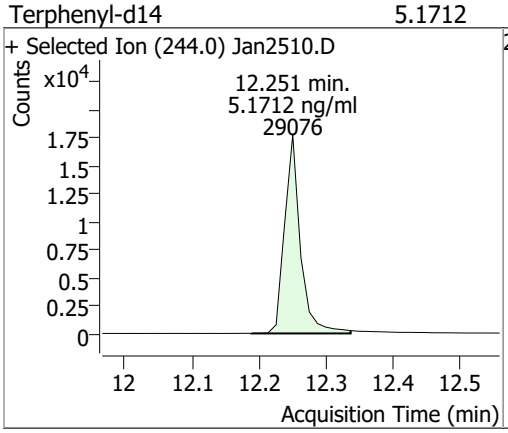
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.5383	11.78	-0.01	69088	101.0	15.9	10.7	20.0

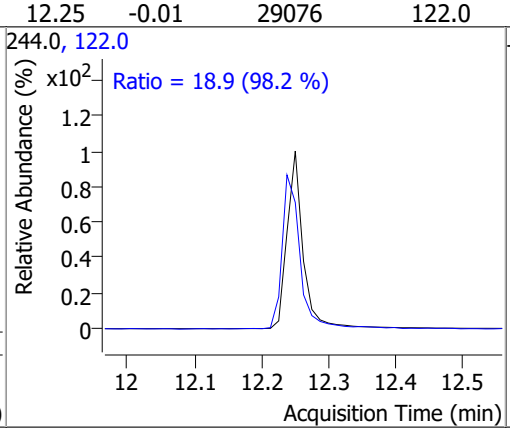


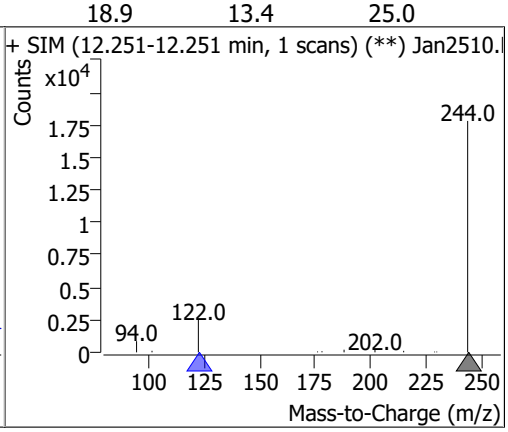




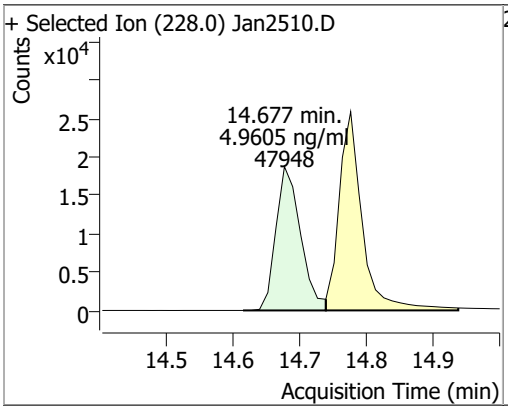
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	5.1712	12.25	-0.01	29076	122.0	18.9	13.4	25.0

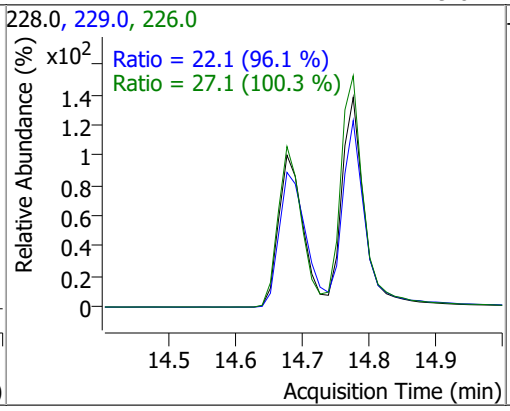


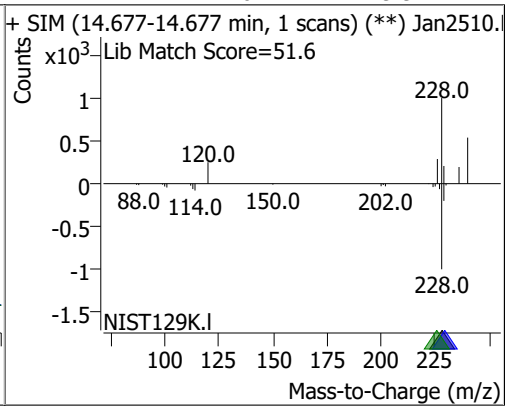




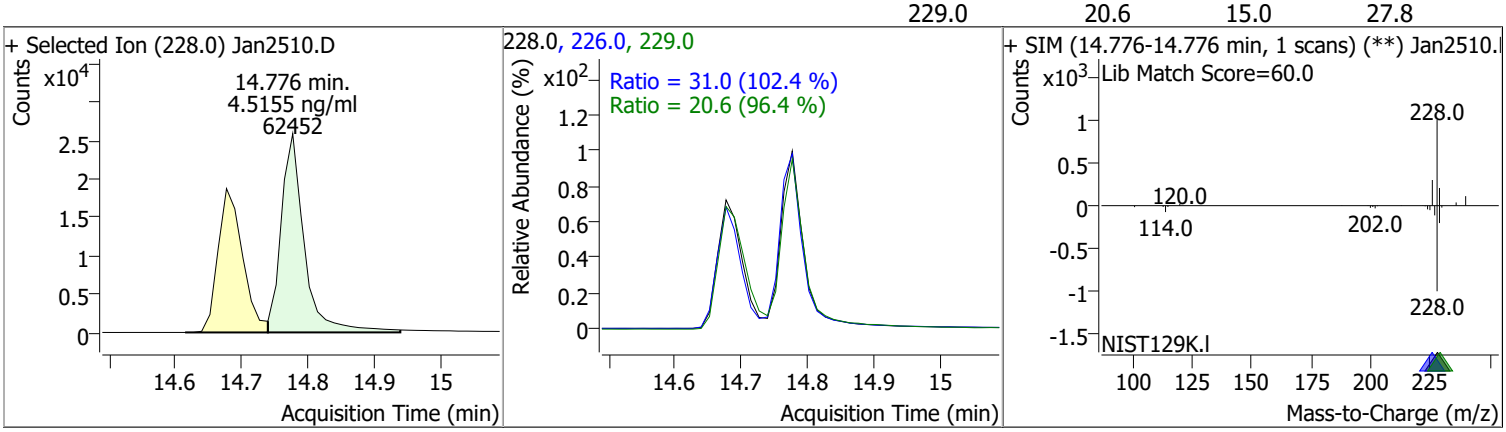
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	4.9605	14.68	-0.02	47948	226.0	27.1	18.9	35.1
					229.0	22.1	16.1	29.9



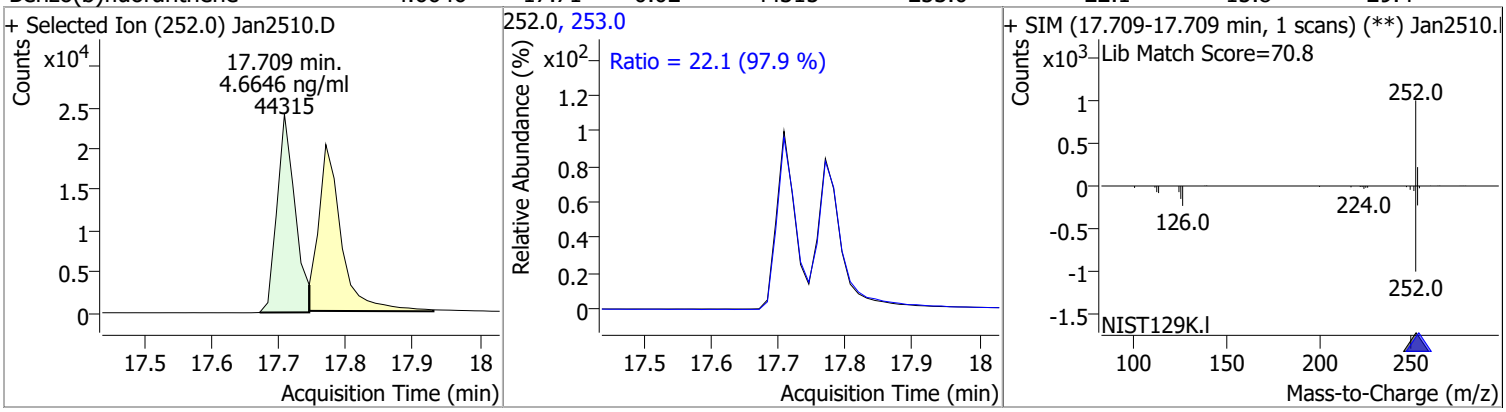




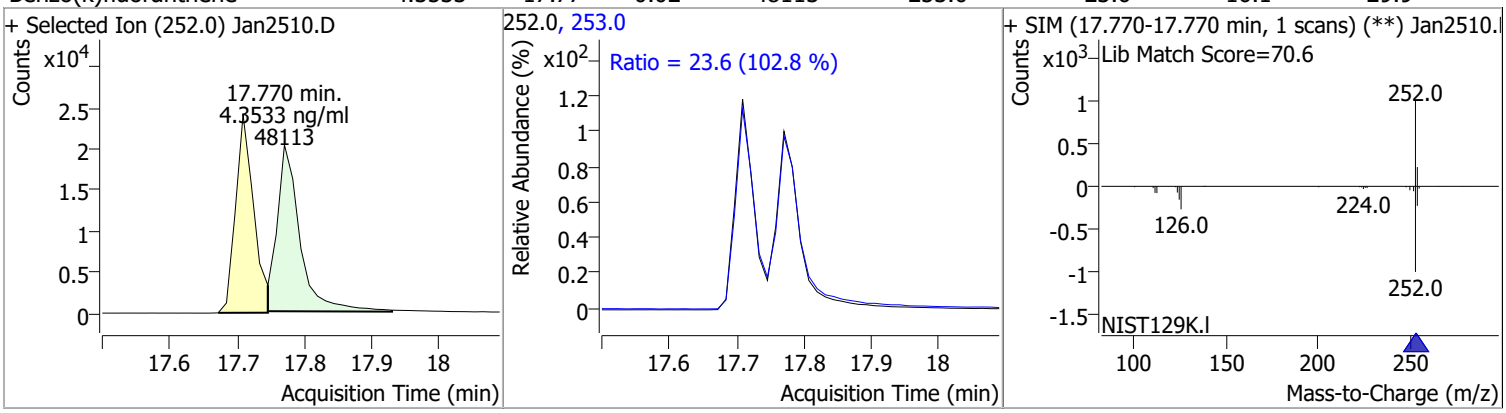
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	4.5155	14.78	-0.01	62452	226.0	31.0	21.2	39.4
					229.0	20.6	15.0	27.8



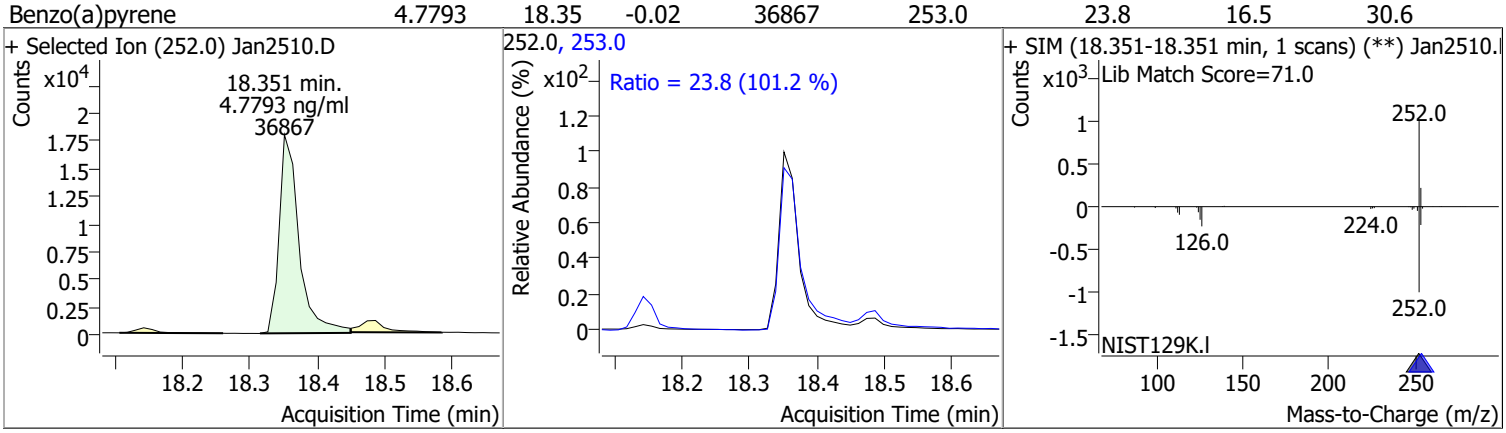
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	4.6646	17.71	-0.02	44315	253.0	22.1	15.8	29.4



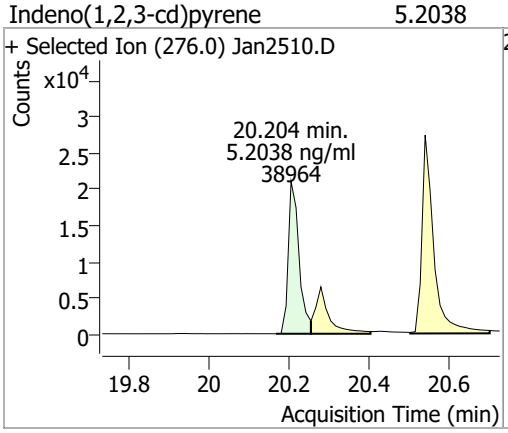
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	4.3533	17.77	-0.02	48113	253.0	23.6	16.1	29.9

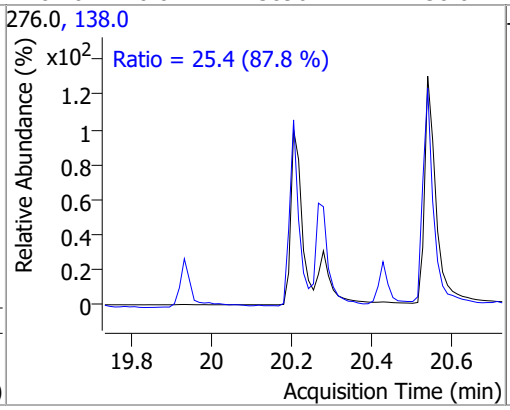


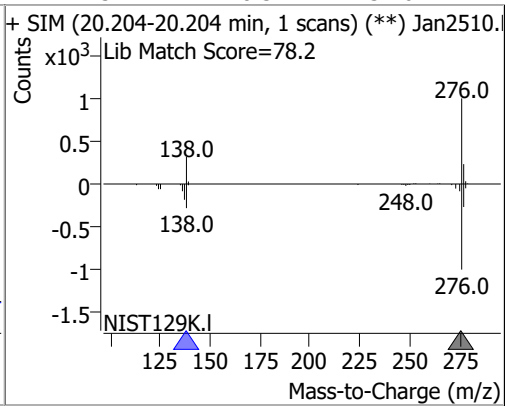
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	4.7793	18.35	-0.02	36867	253.0	23.8	16.5	30.6



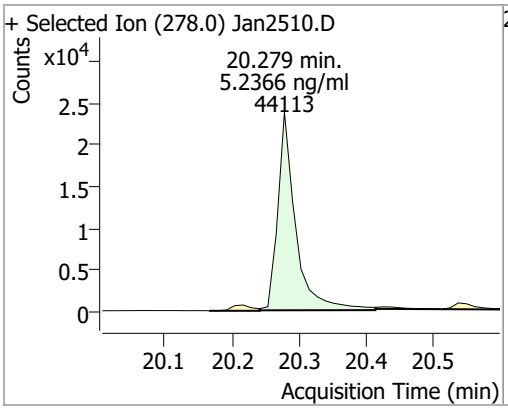
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	5.2038	20.20	-0.02	38964	138.0	25.4	20.3	37.6

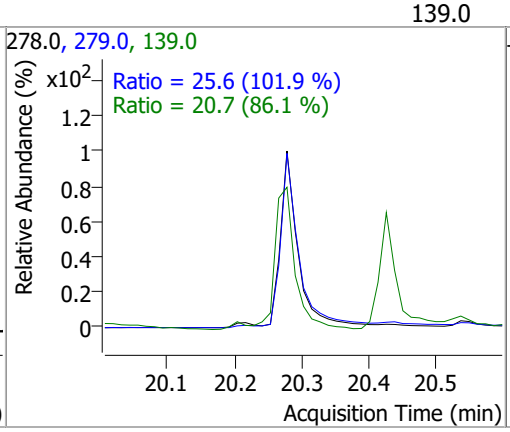


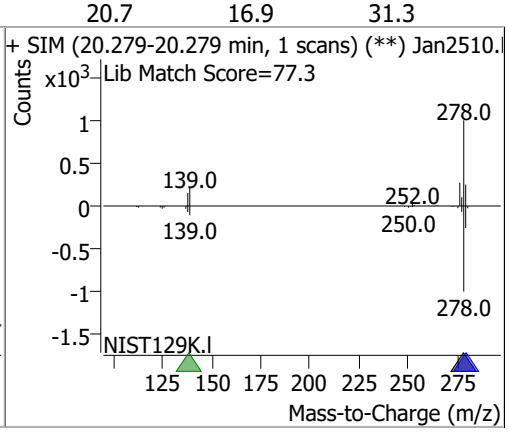




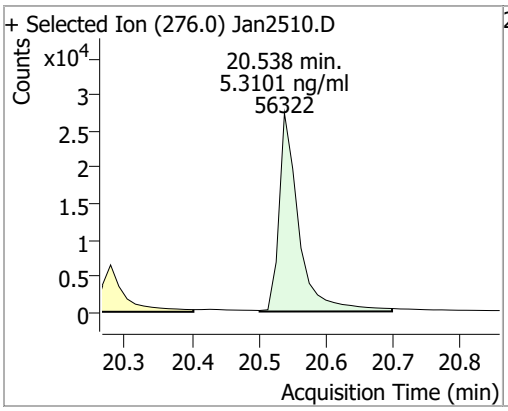
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	5.2366	20.28	-0.02	44113	279.0	25.6	17.6	32.7
					139.0	20.7	16.9	31.3

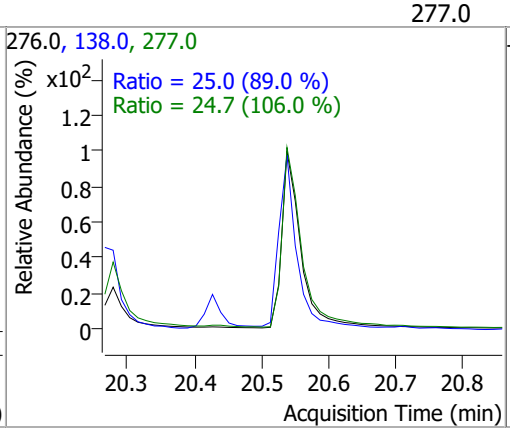


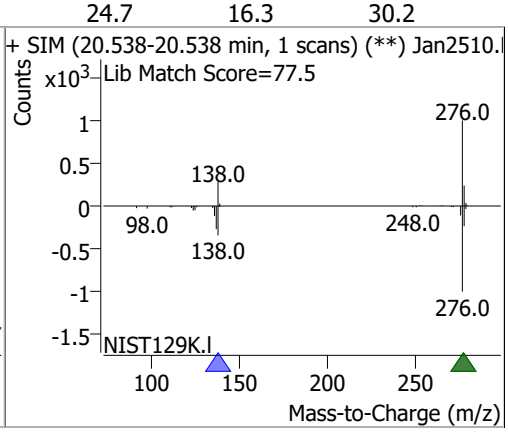




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	5.3101	20.54	-0.02	56322	138.0	25.0	19.6	36.5
					277.0	24.7	16.3	30.2



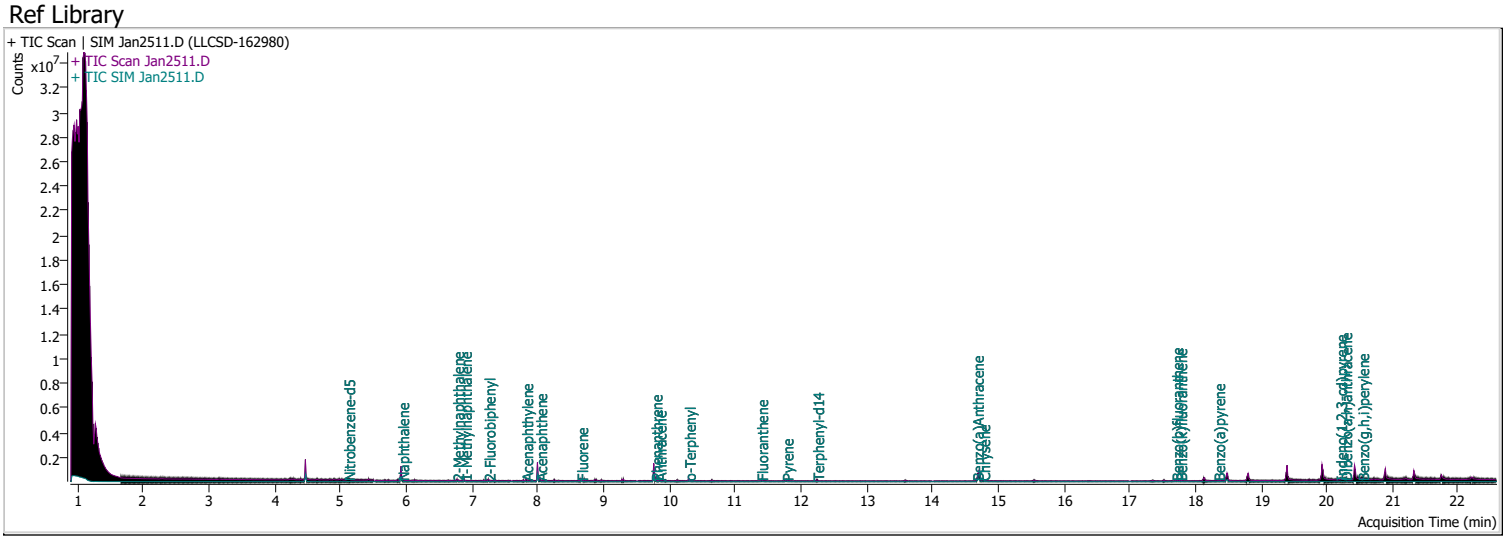




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	Jan2511.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 3:56:34 PM
Sample Name	LLCSD-162980	Instrument	GCMS
Vial	11	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			

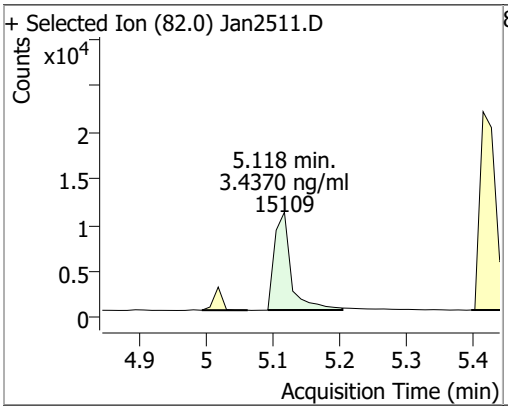


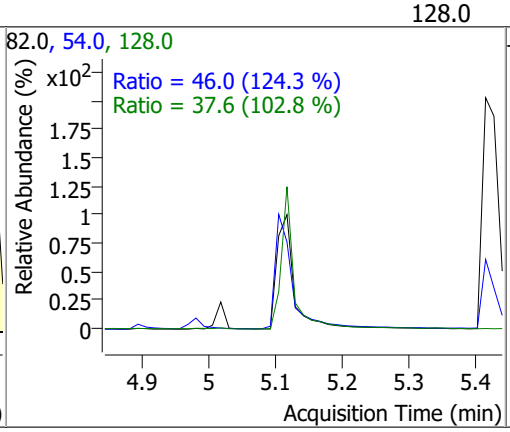
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	213634	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	360210	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.000	164.0	219797	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	436335	40.0000	ng/ml		-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
System Monitoring Compounds							
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%			
Target Compounds							**QValue**
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

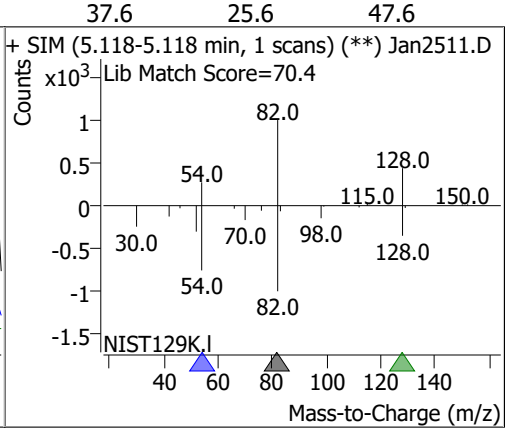
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	49650	4.6569	ng/ml	96
T Benzo(a)pyrene	18.351	252.0	35990	4.8419	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.204	276.0	37662	5.2250	ng/ml	95
T Dibenzo(a,h)anthracene	20.278	278.0	43100	5.3177	ng/ml	96
T Benzo(g,h,i)perylene	20.538	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

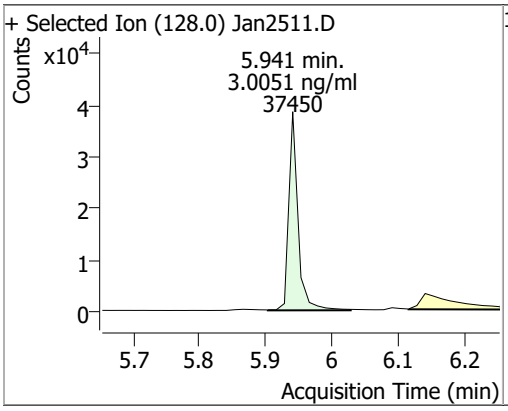
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	3.4370	5.12	-0.02	15109	54.0	46.0	25.9	48.1
					128.0	37.6	25.6	47.6

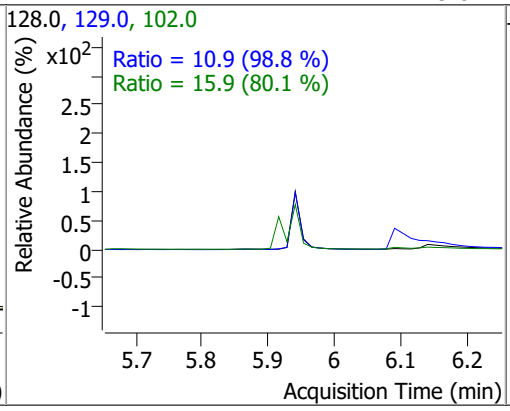


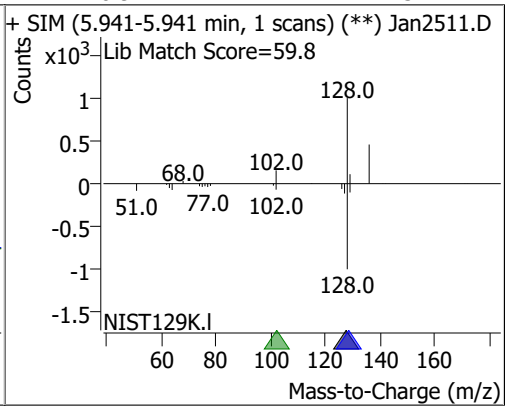




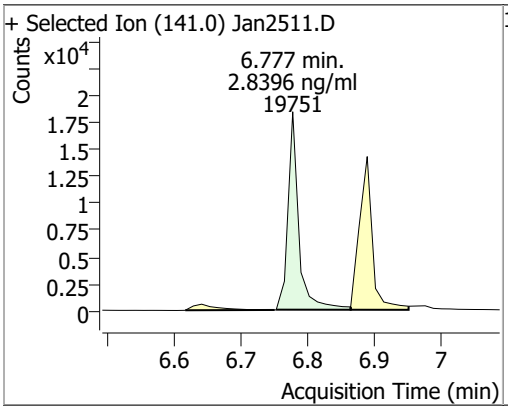
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.0051	5.94	-0.01	37450	102.0	15.9	0.0	59.6
					129.0	10.9	7.7	14.3

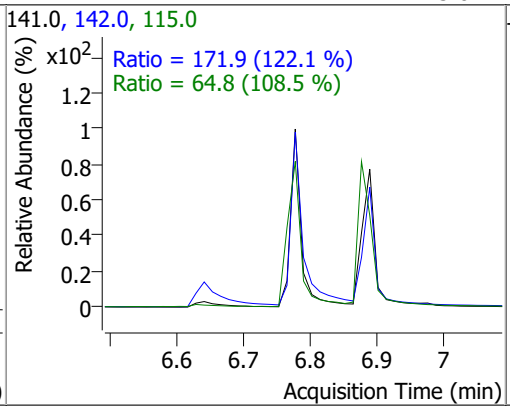


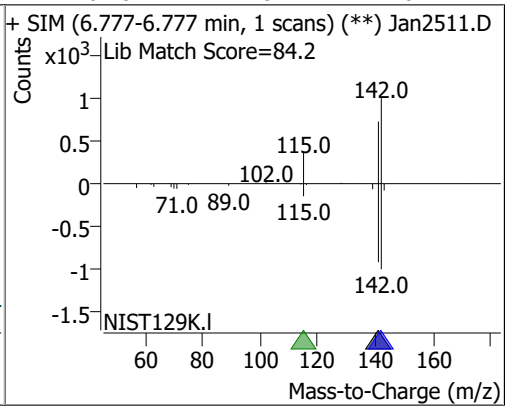




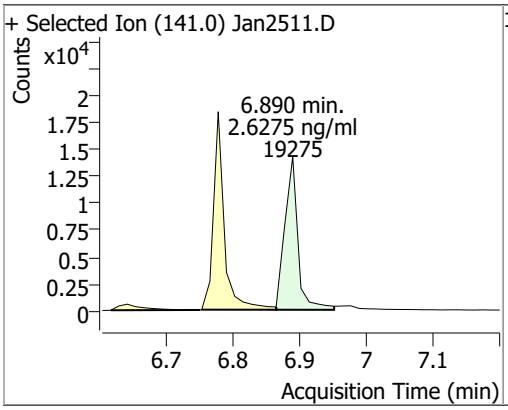
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	2.8396	6.78	-0.01	19751	142.0	171.9	98.5	183.0
					115.0	64.8	41.8	77.6

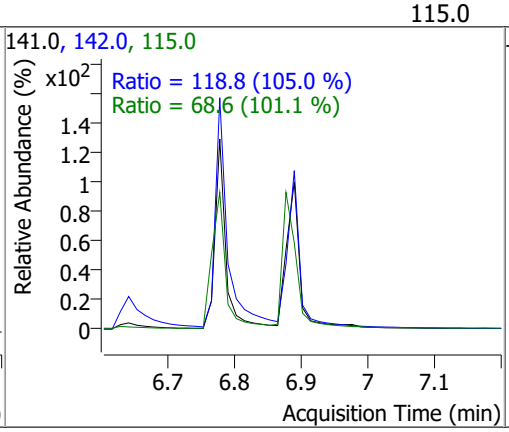


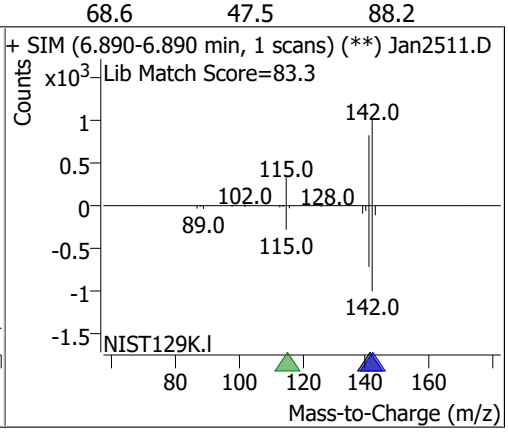




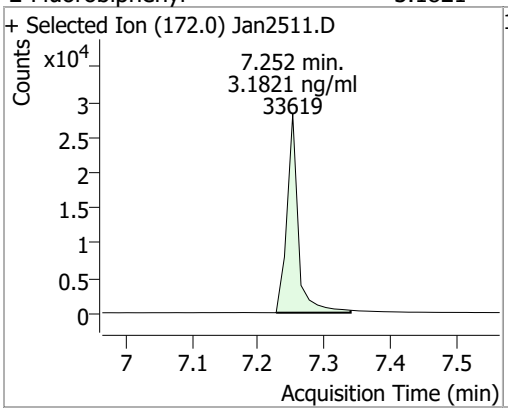
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.6275	6.89	-0.01	19275	142.0	118.8	79.2	147.1
					115.0	68.6	47.5	88.2

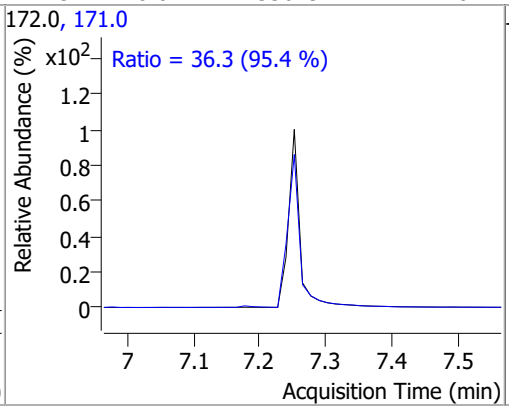


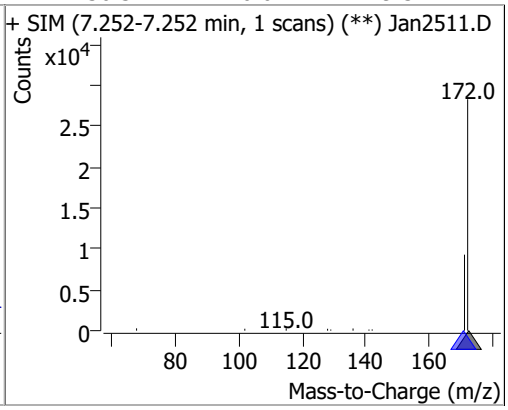




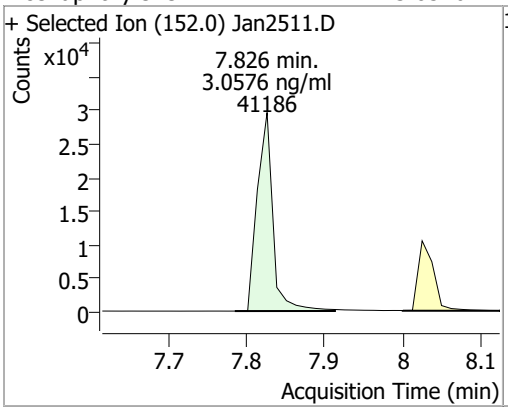
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	3.1821	7.25	-0.01	33619	171.0	36.3	26.6	49.5

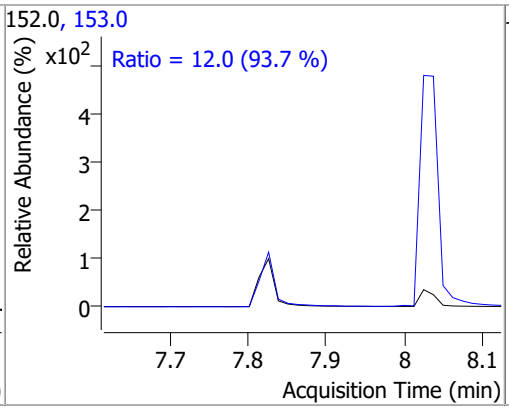


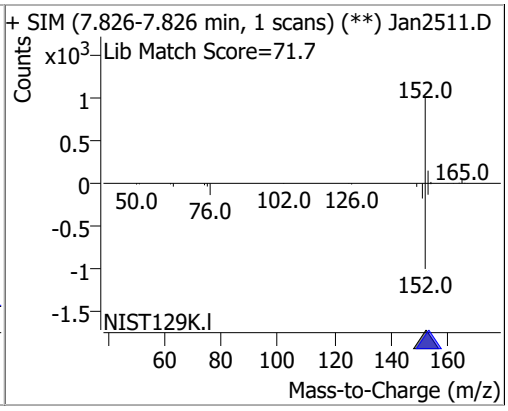




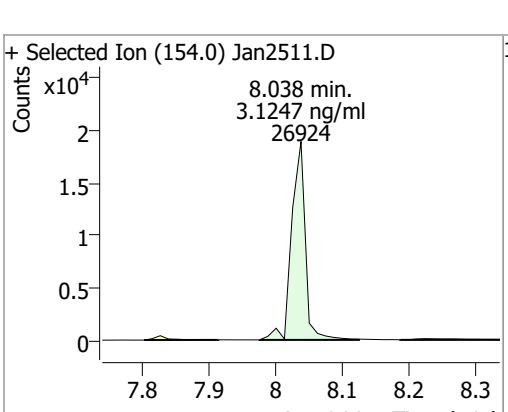
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	3.0576	7.83	0.00	41186	153.0	12.0	9.0	16.6

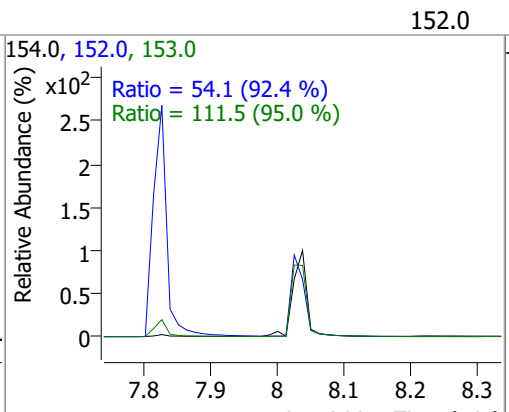


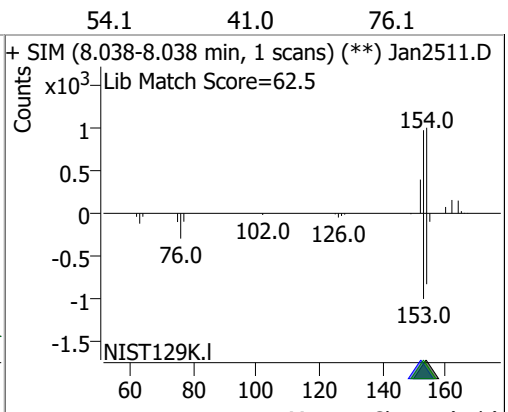




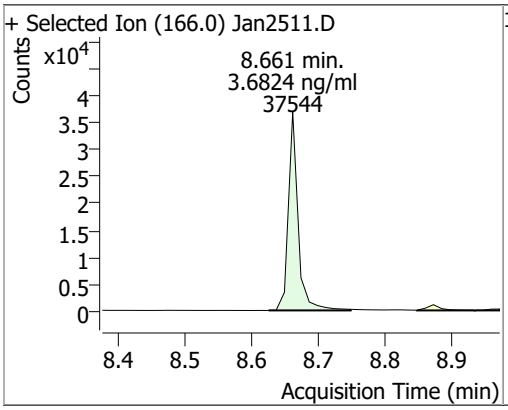
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	3.1247	8.04	0.00	26924	153.0	111.5	82.1	152.6
					152.0	54.1	41.0	76.1

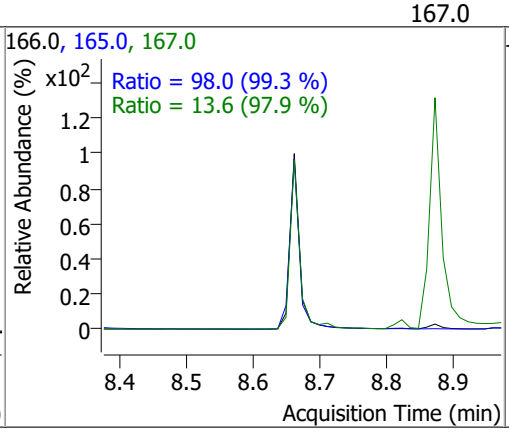


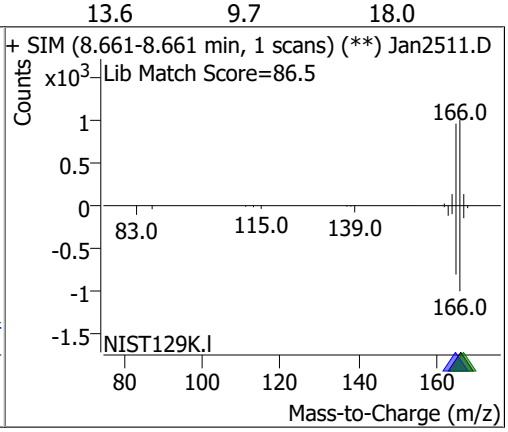




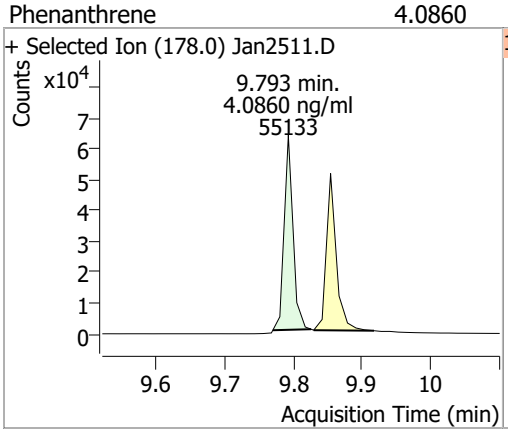
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.6824	8.66	-0.01	37544	165.0	98.0	69.1	128.3
					167.0	13.6	9.7	18.0

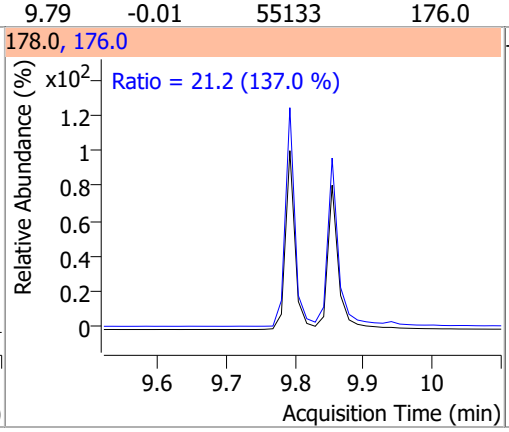


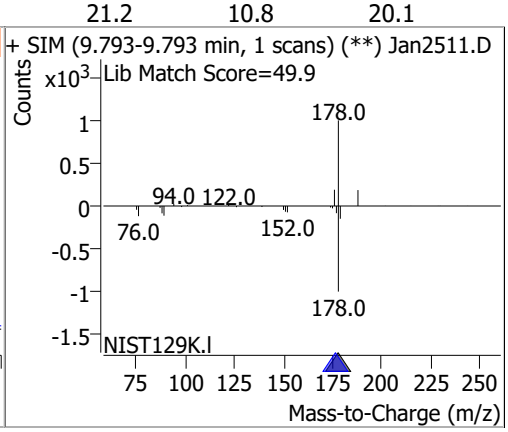




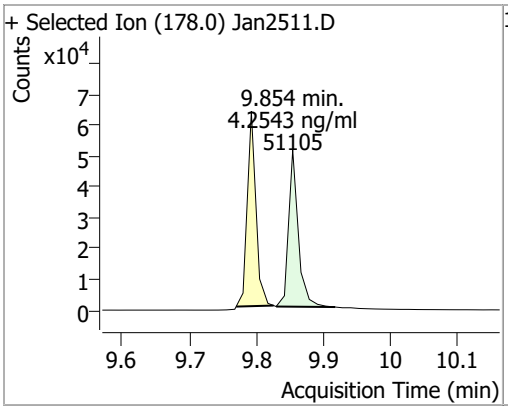
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.0860	9.79	-0.01	55133	176.0	21.2	10.8	20.1

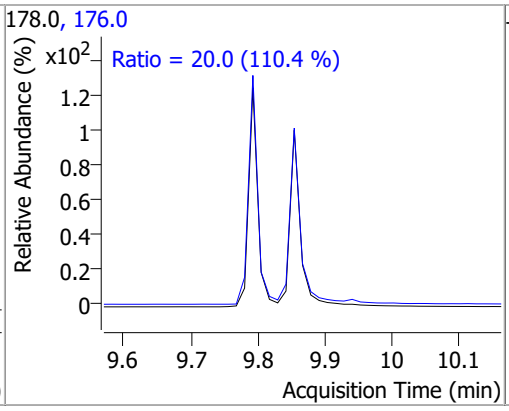


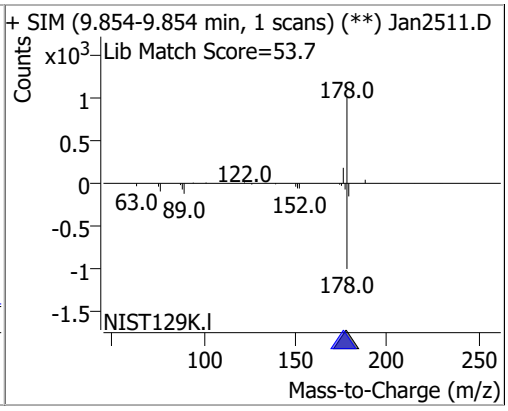




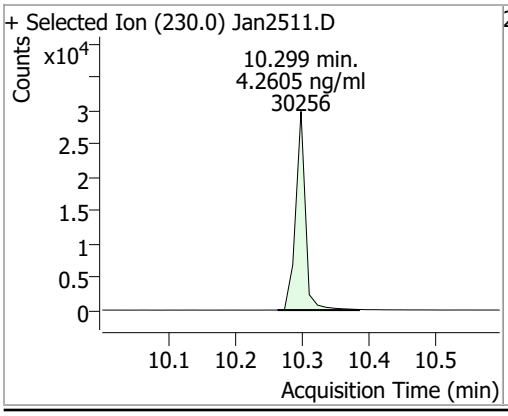
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.2543	9.85	-0.01	51105	176.0	20.0	12.7	23.5

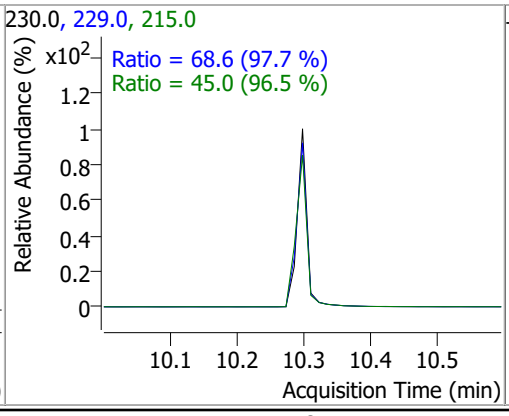


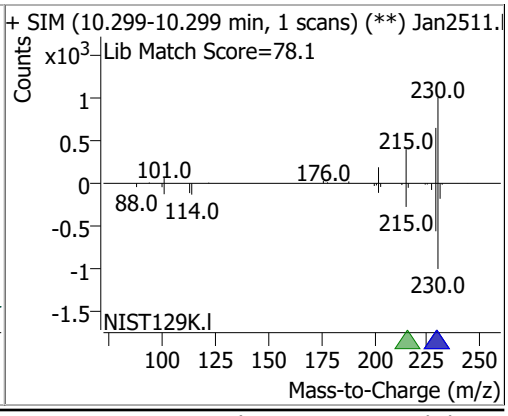




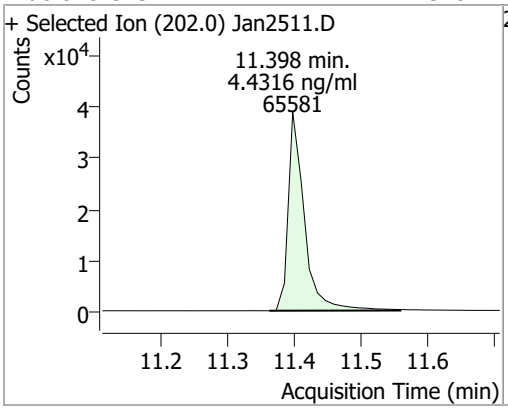
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.2605	10.30	0.00	30256	229.0	68.6	49.2	91.3
					215.0	45.0	32.7	60.7

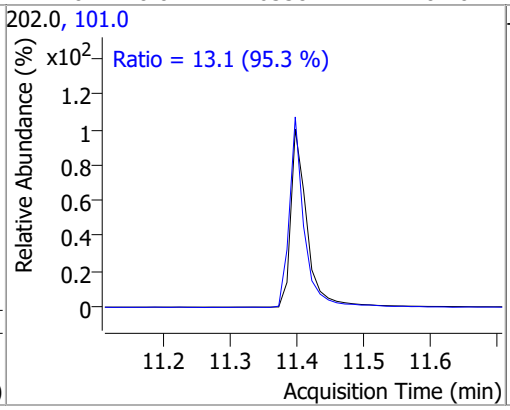


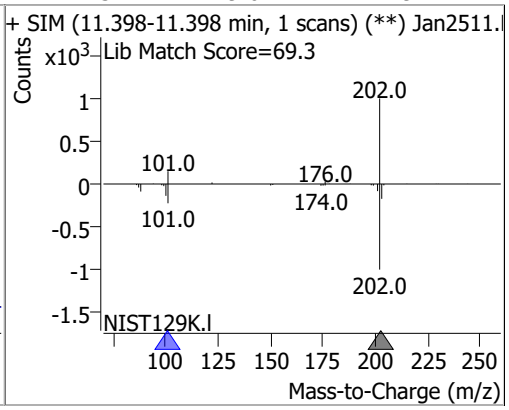




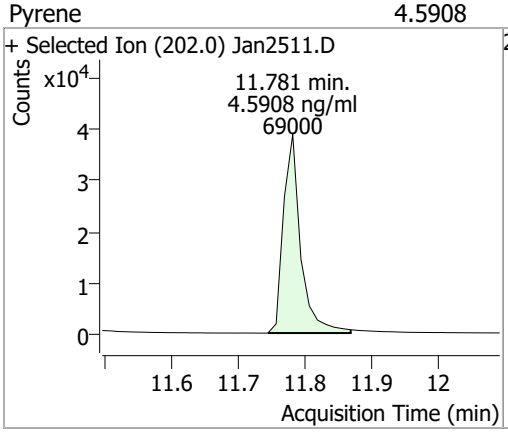
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.4316	11.40	-0.01	65581	101.0	13.1	9.6	17.9

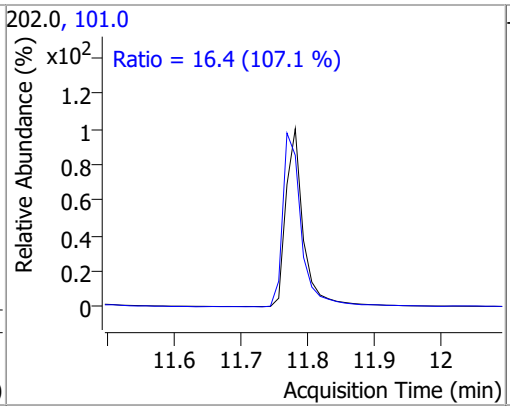


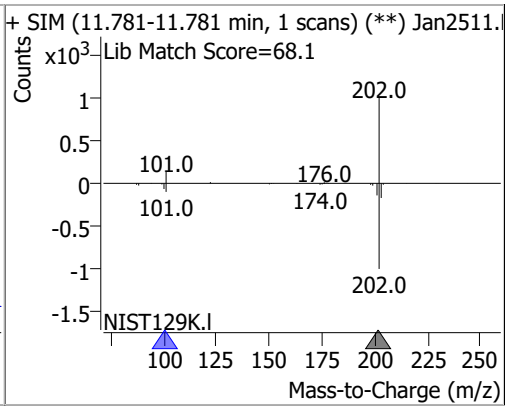




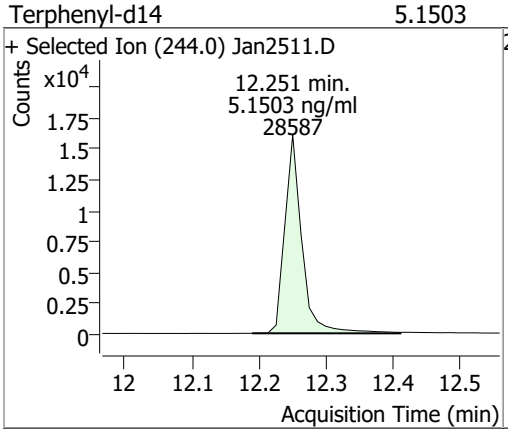
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.5908	11.78	-0.01	69000	101.0	16.4	10.7	20.0

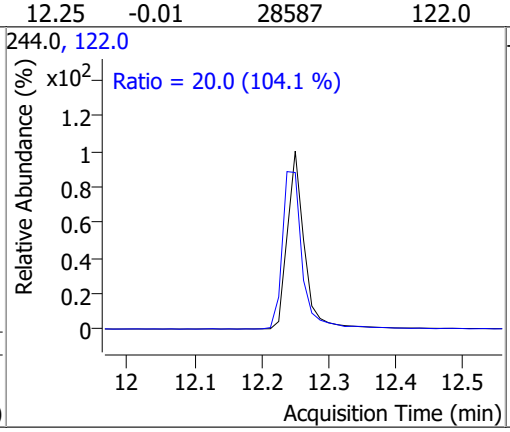


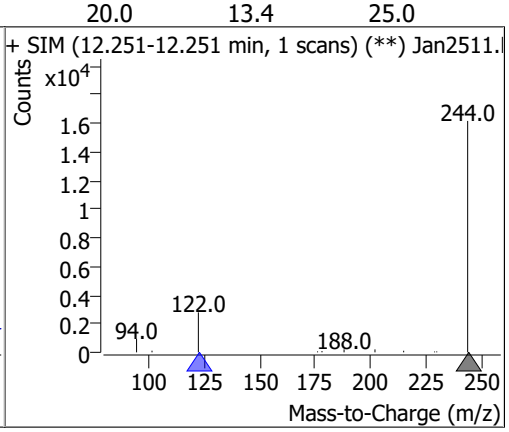




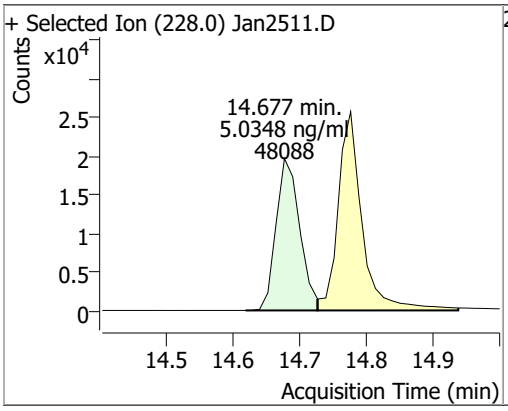
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	5.1503	12.25	-0.01	28587	122.0	20.0	13.4	25.0

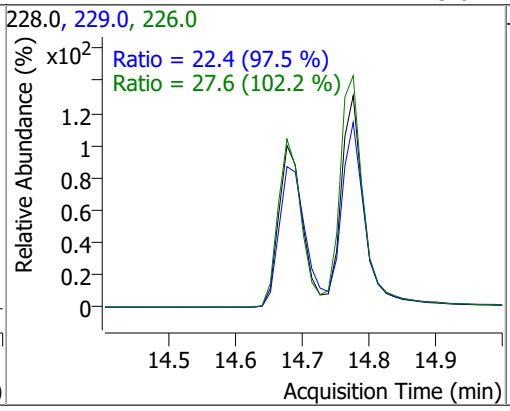


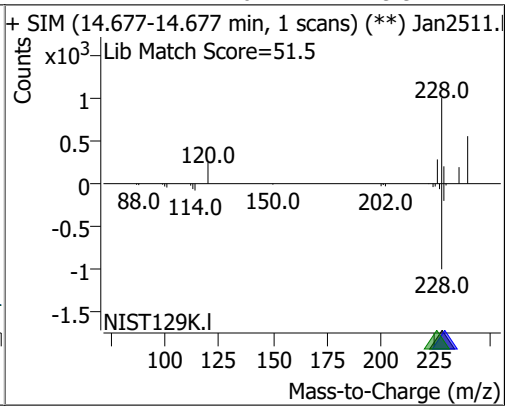




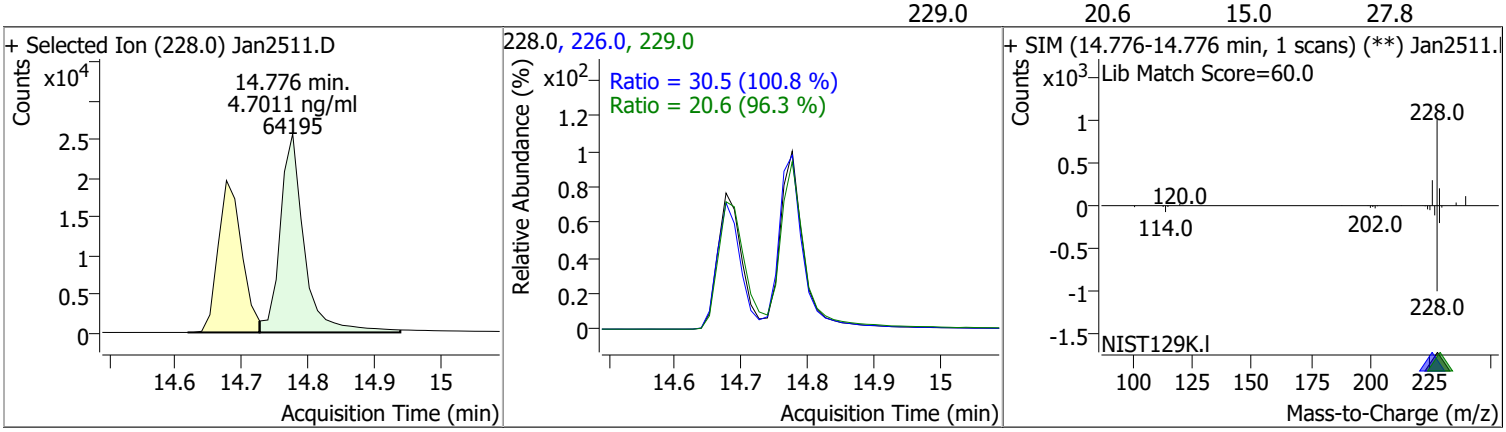
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	5.0348	14.68	-0.02	48088	226.0	27.6	18.9	35.1
					229.0	22.4	16.1	29.9



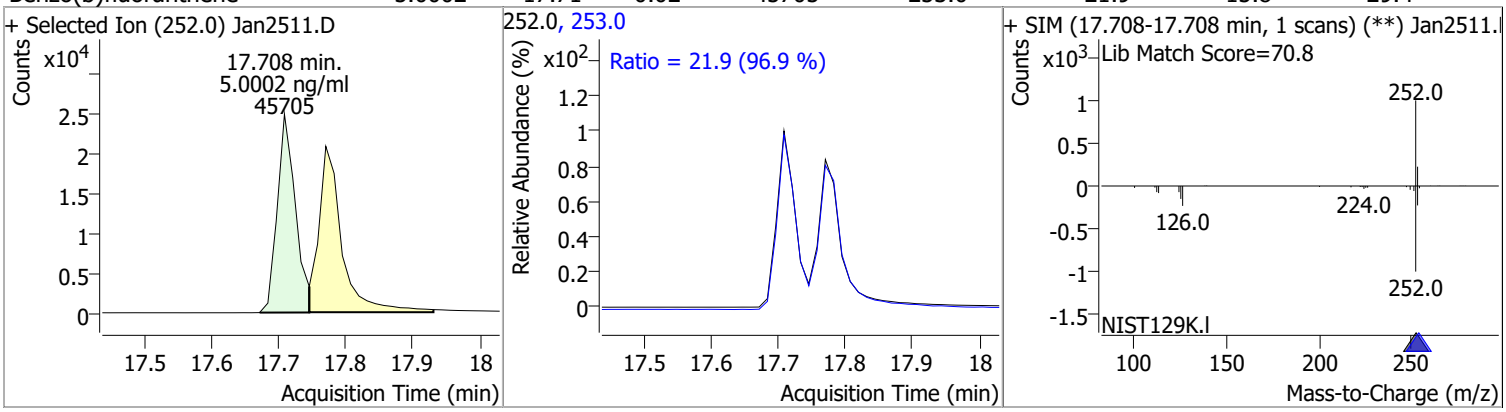




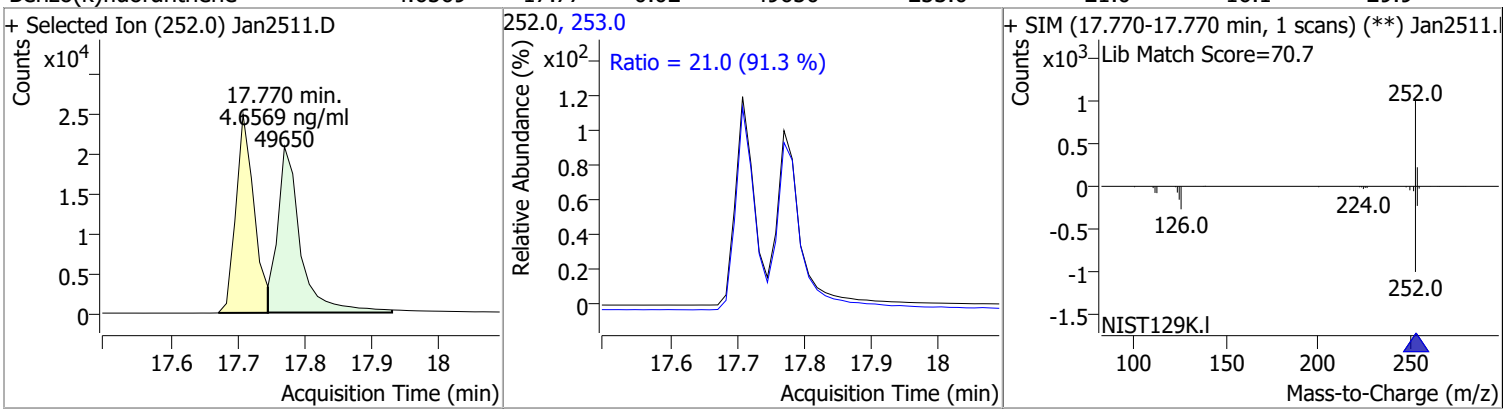
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	4.7011	14.78	-0.01	64195	226.0	30.5	21.2	39.4
					229.0	20.6	15.0	27.8



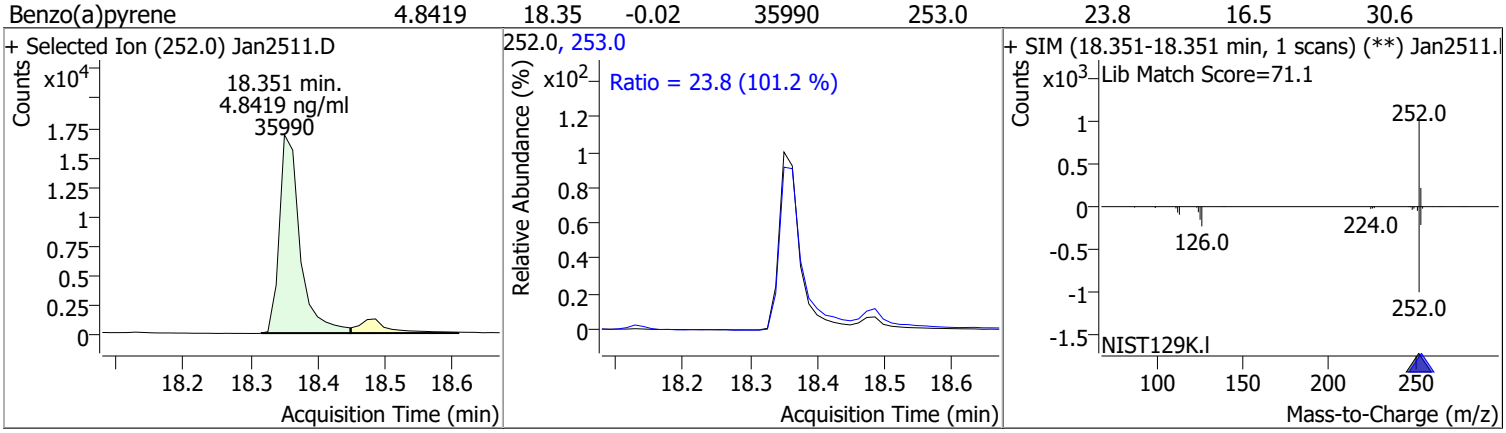
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	5.0002	17.71	-0.02	45705	253.0	21.9	15.8	29.4



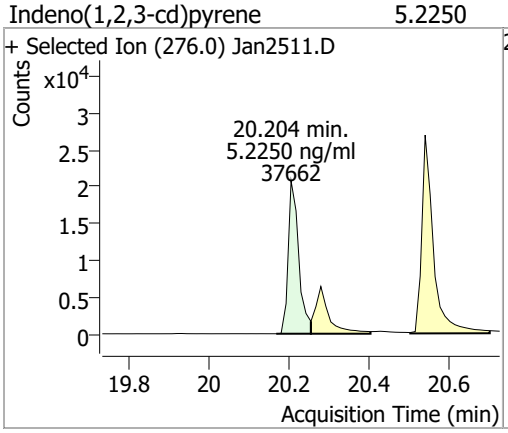
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	4.6569	17.77	-0.02	49650	253.0	21.0	16.1	29.9

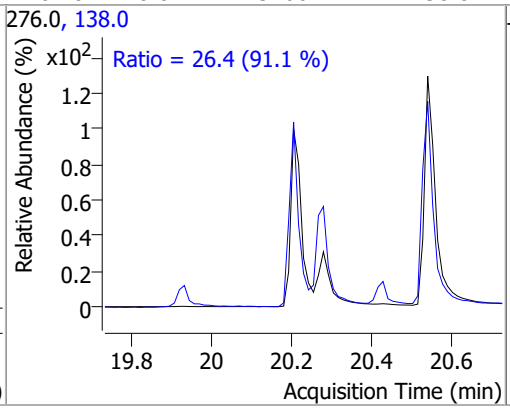


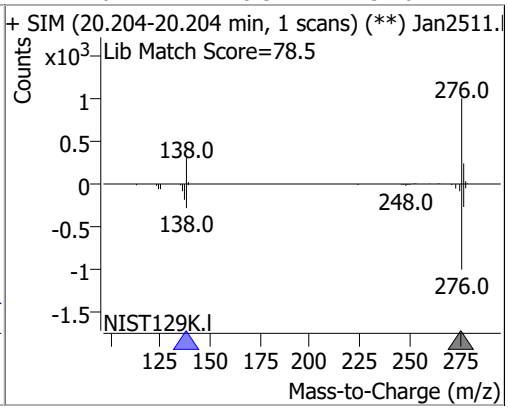
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	4.8419	18.35	-0.02	35990	253.0	23.8	16.5	30.6



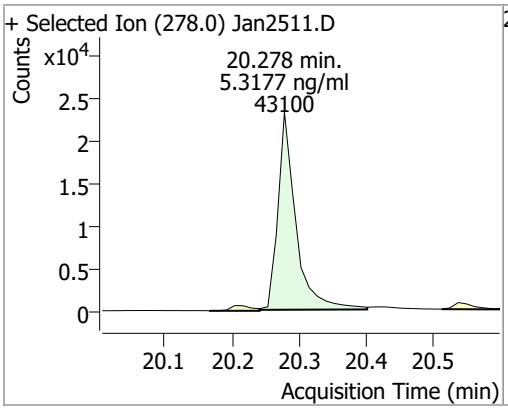
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	5.2250	20.20	-0.02	37662	138.0	26.4	20.3	37.6

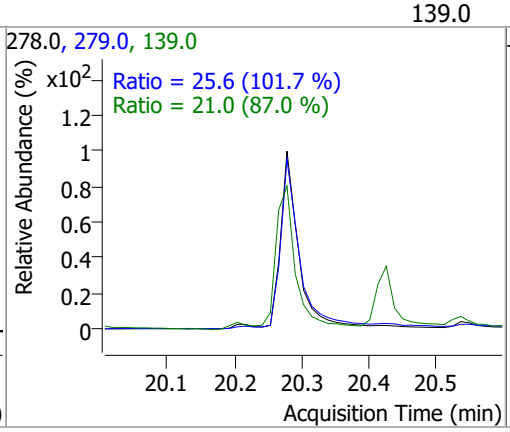


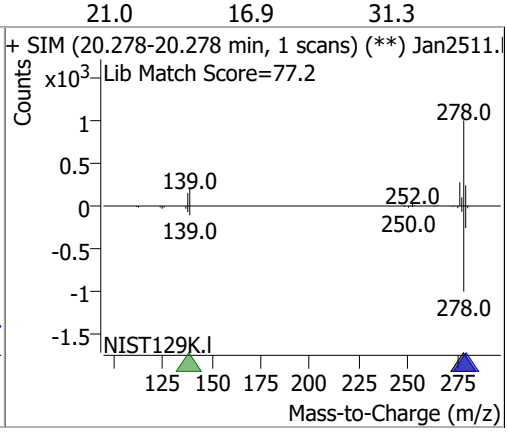




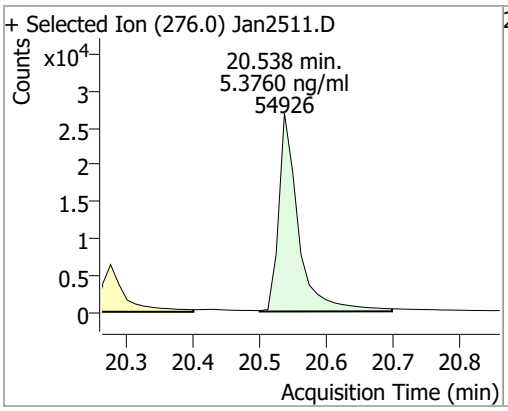
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	5.3177	20.28	-0.02	43100	279.0	25.6	17.6	32.7
					139.0	21.0	16.9	31.3

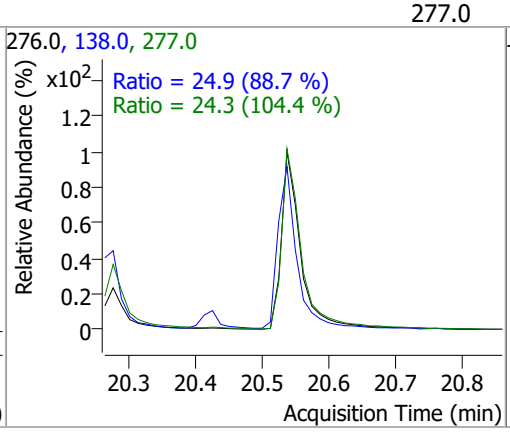


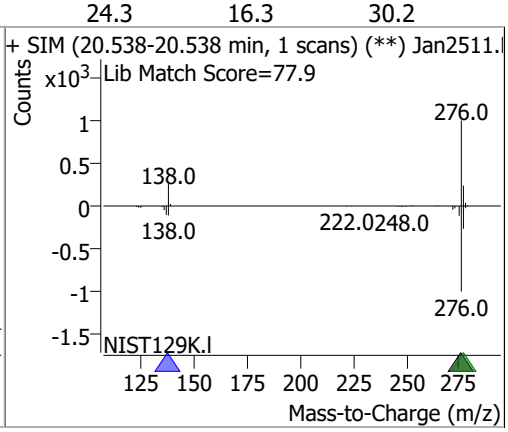




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	5.3760	20.54	-0.02	54926	138.0	24.9	19.6	36.5
					277.0	24.3	16.3	30.2



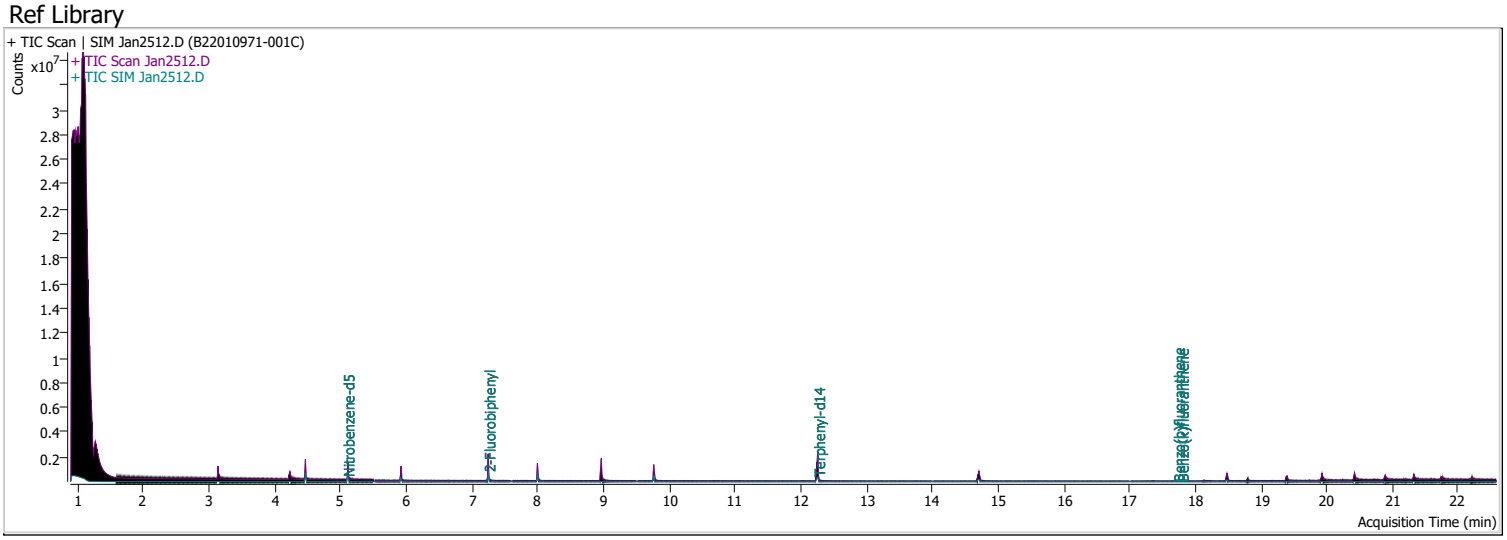




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

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			

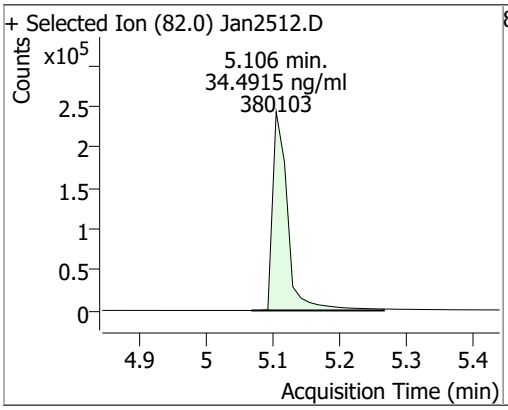


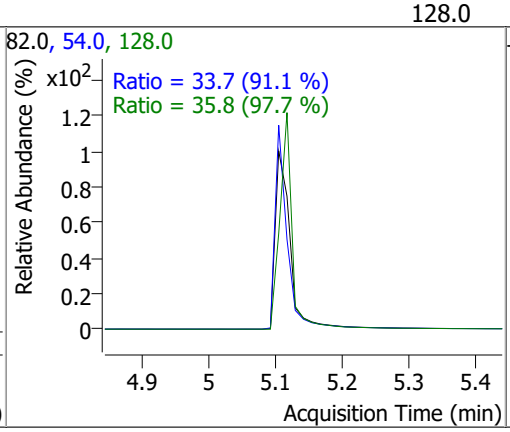
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	214192	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	347188	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.001	164.0	214046	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	427616	40.0000	ng/ml		-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
System Monitoring Compounds							
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%		*	
Target Compounds							**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	8.038	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

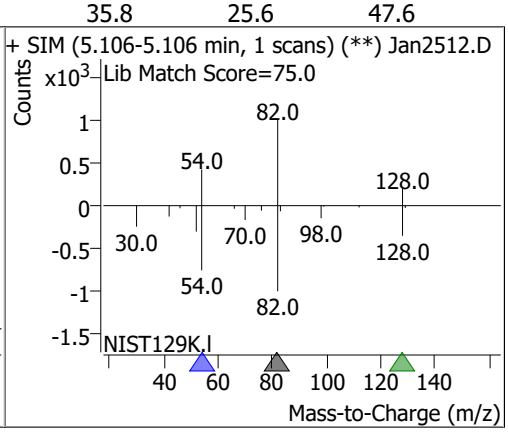
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T Benzo(k)fluoranthene	17.795	252.0	394	0.0299	ng/ml		94
T Benzo(a)pyrene	18.376	252.0	0		ng/ml	md	1
T Indeno(1,2,3-cd)pyrene	20.229	276.0	0		ng/ml	md	1
T Dibenzo(a,h)anthracene	0.000		0	N.D.			
T Benzo(g,h,i)perylene	0.000		0	N.D.			

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

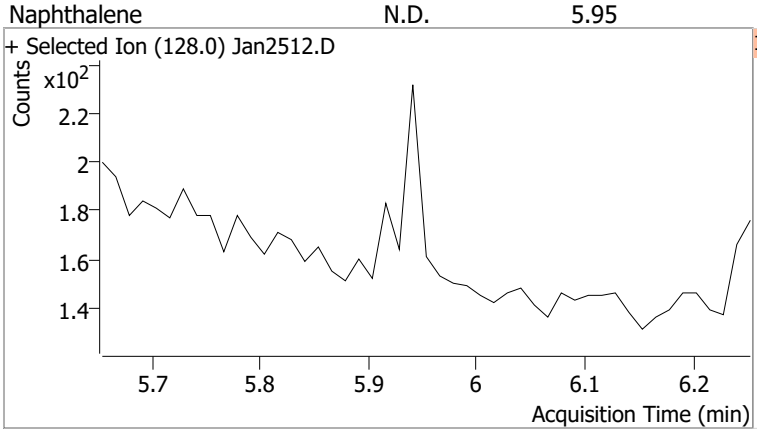
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	34.4915	5.11	-0.04	380103	54.0	33.7	25.9	48.1
					128.0	35.8	25.6	47.6

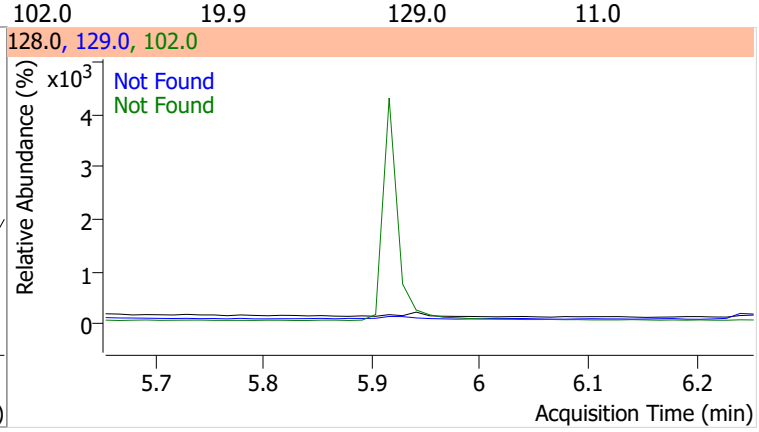




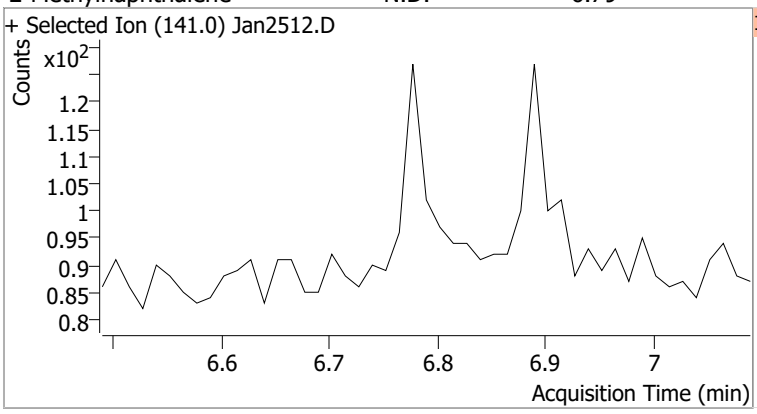


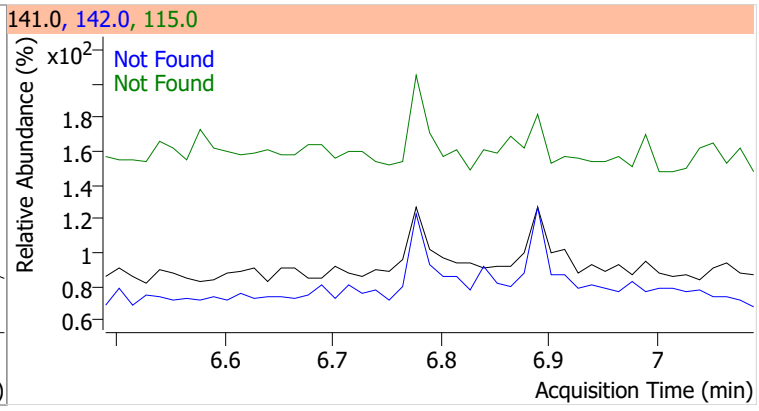
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



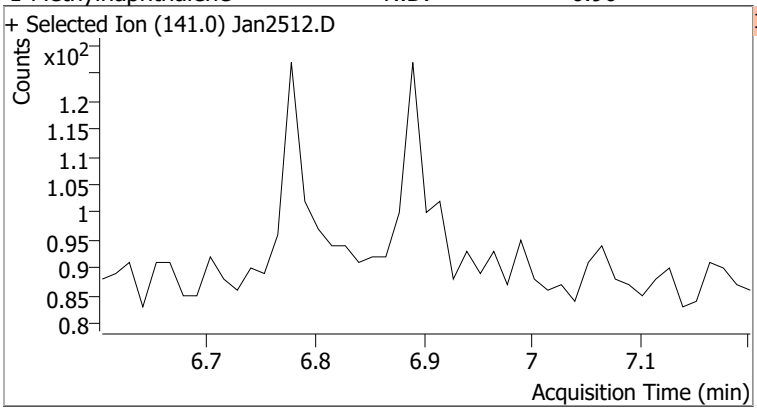


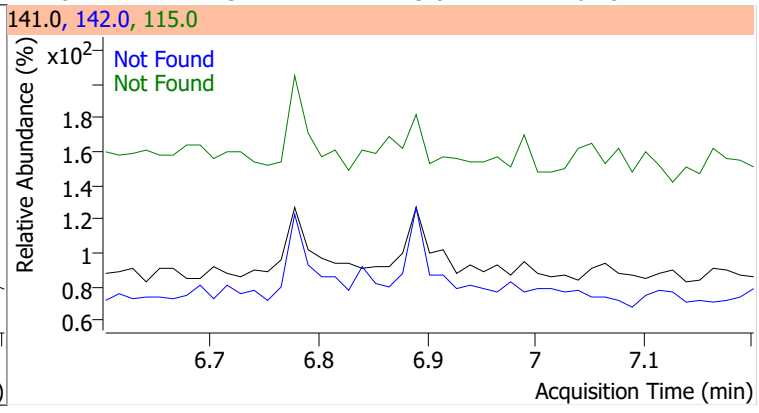
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



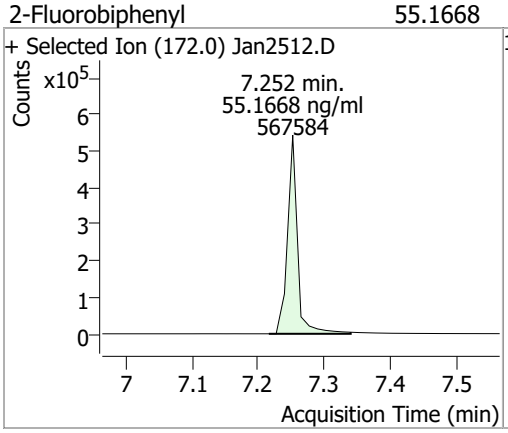


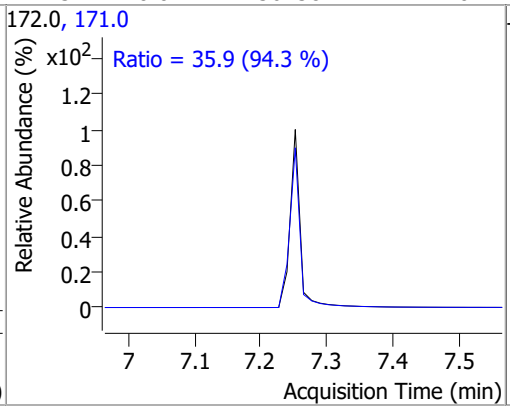
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

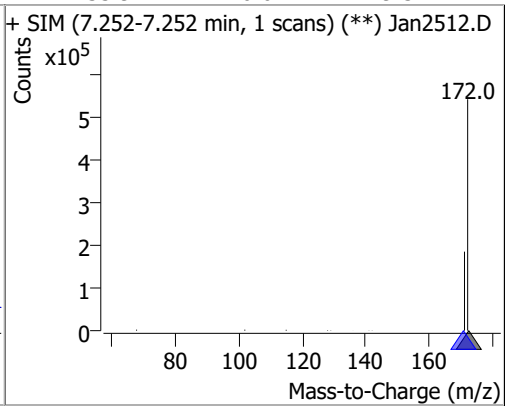




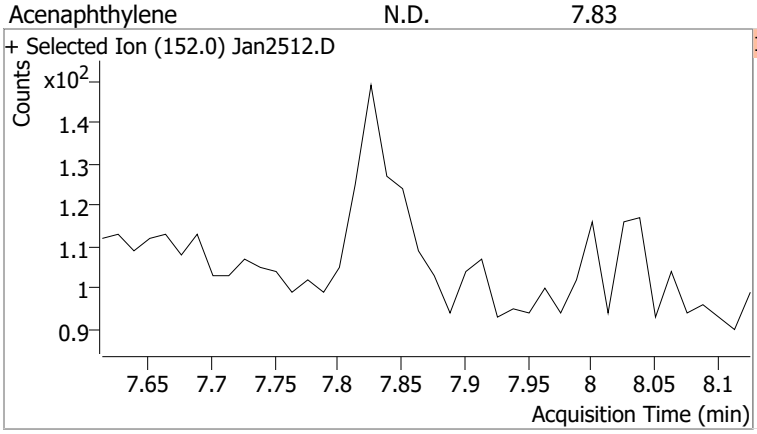
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	55.1668	7.25	-0.01	567584	171.0	35.9	26.6	49.5

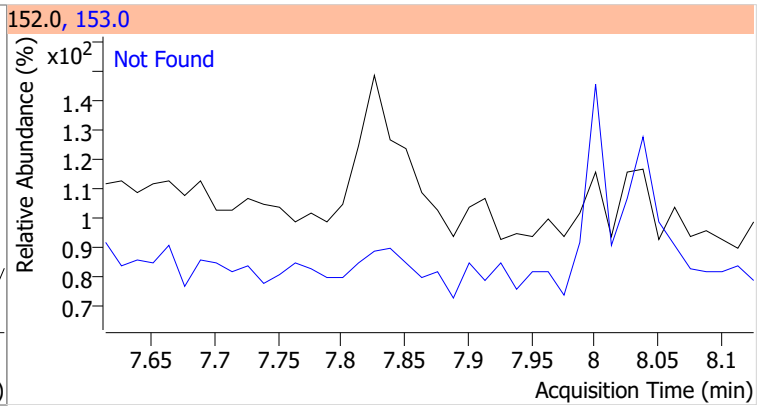




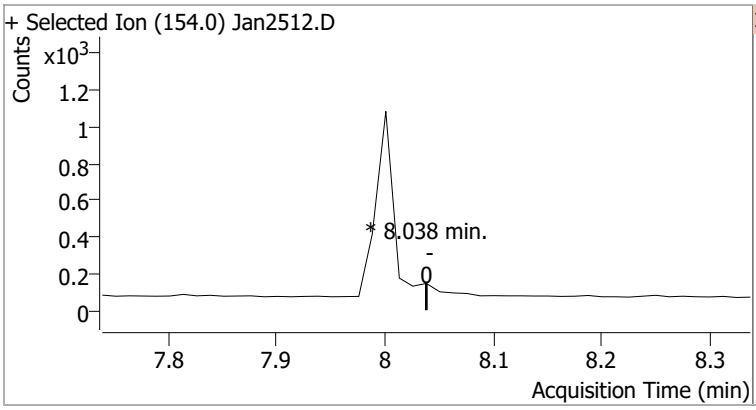


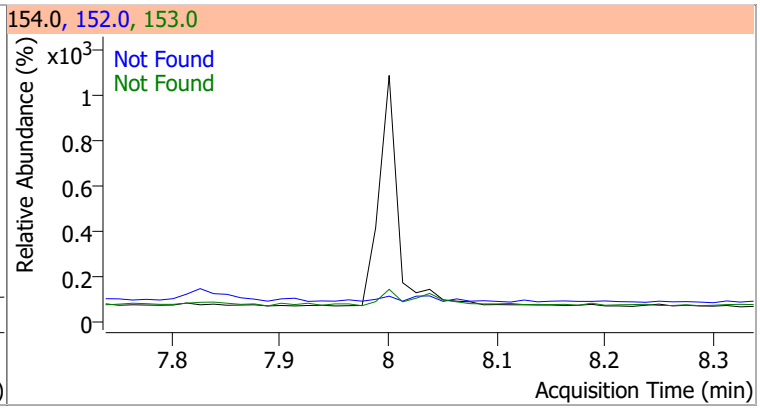
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



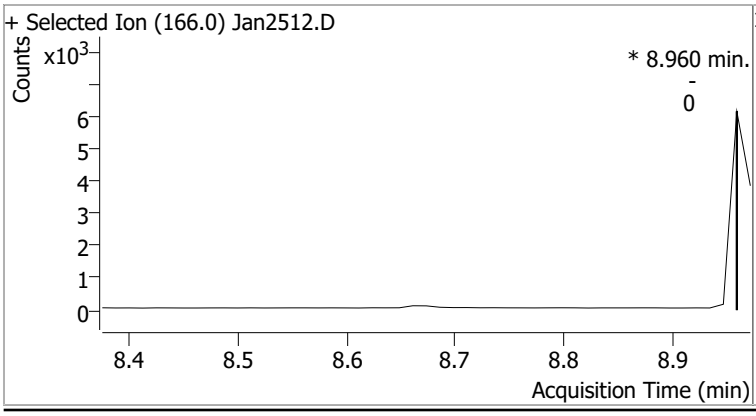


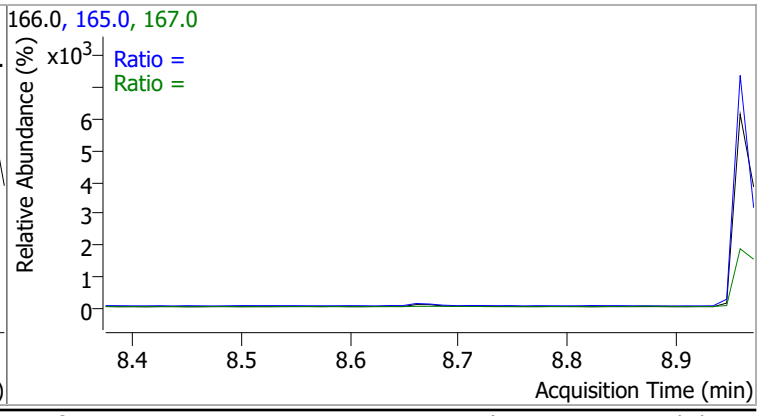
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1



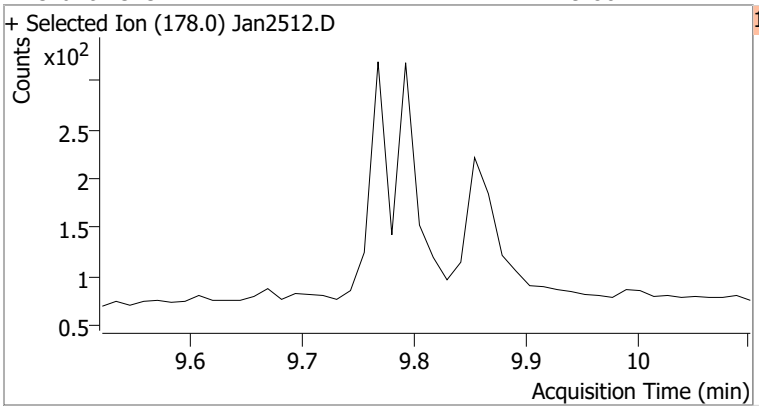


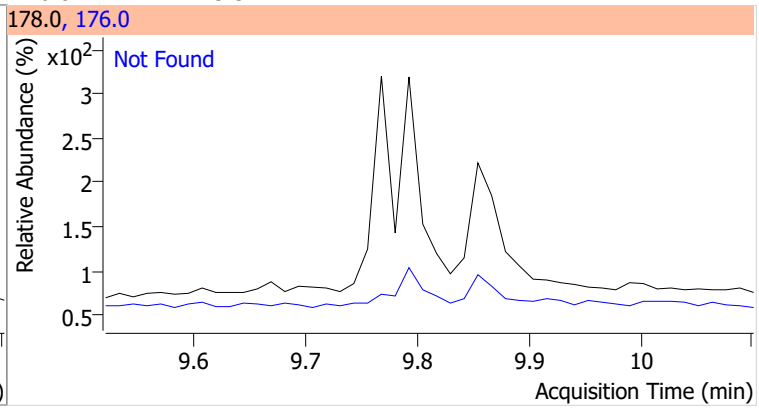
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		69.1	128.3
					167.0		9.7	18.0



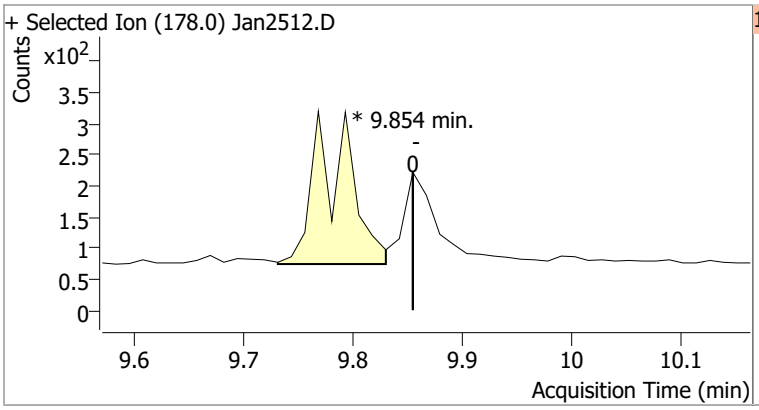


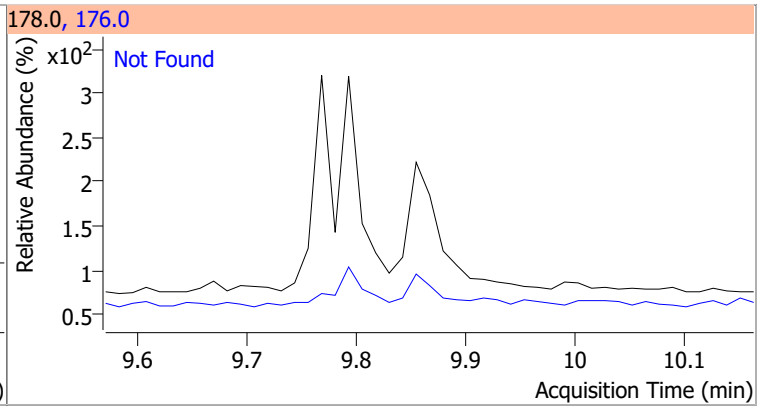
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



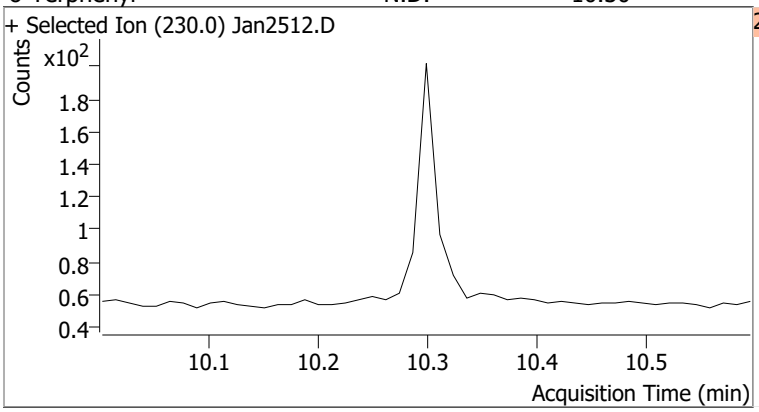


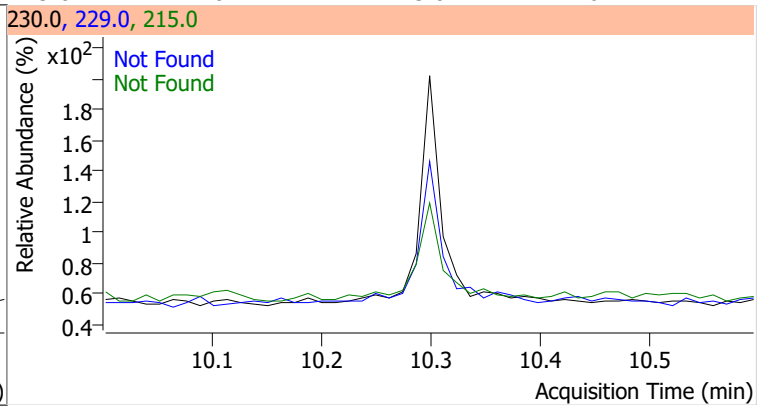
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene		0		0	176.0		12.7	23.5



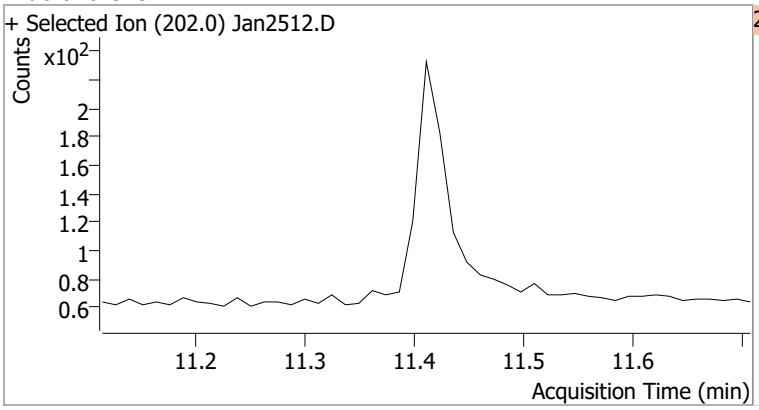


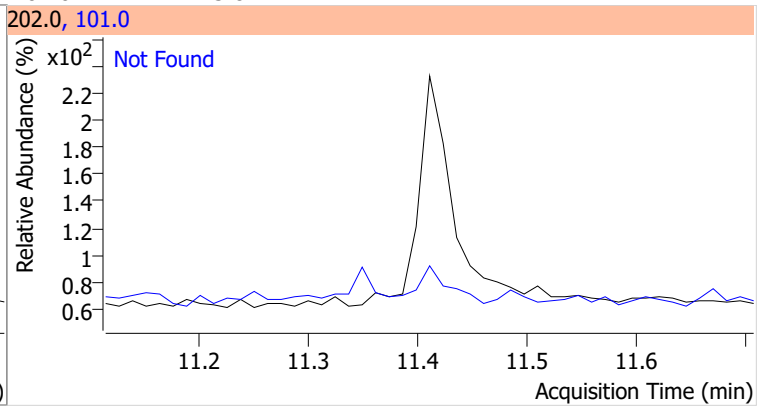
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	70.2	215.0	46.7



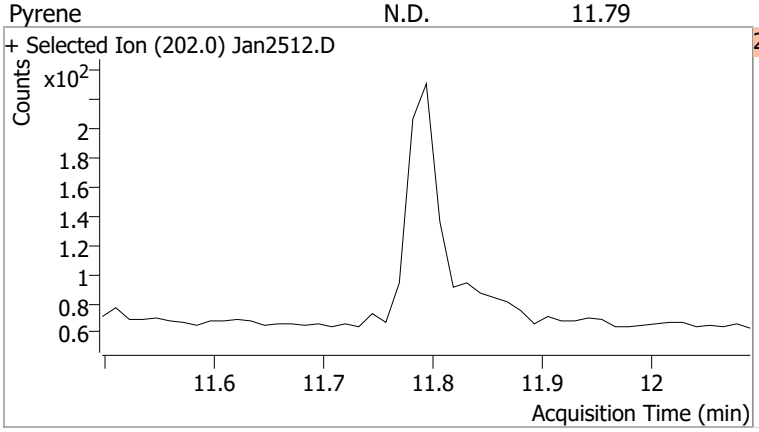


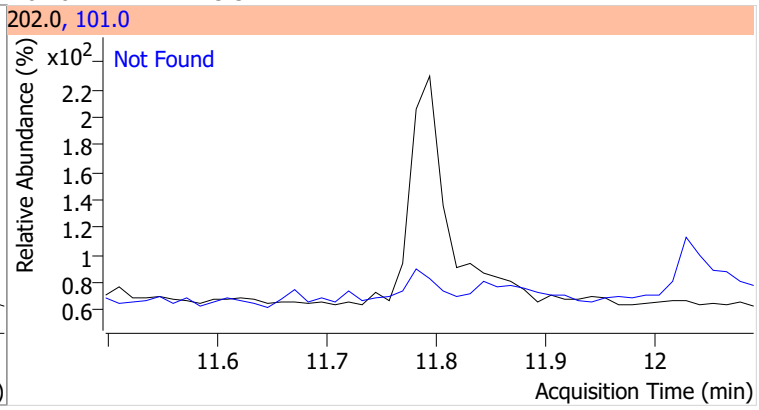
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8



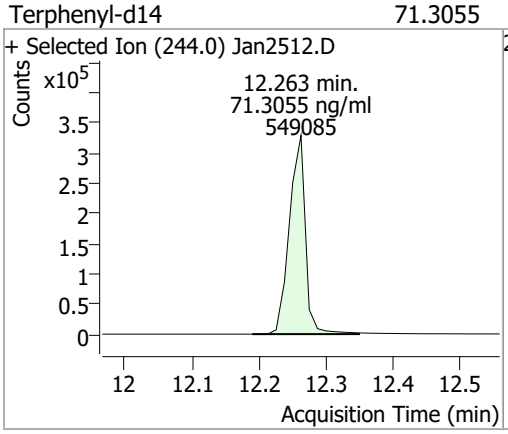


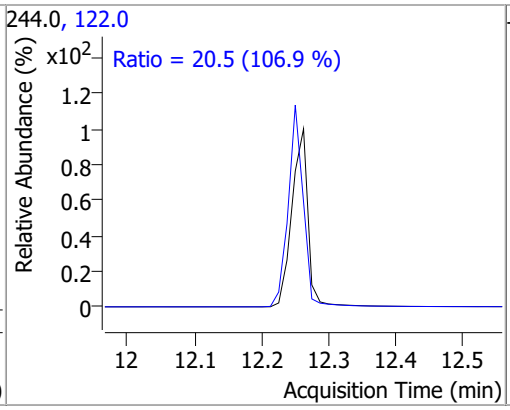
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.79	101.0	15.3

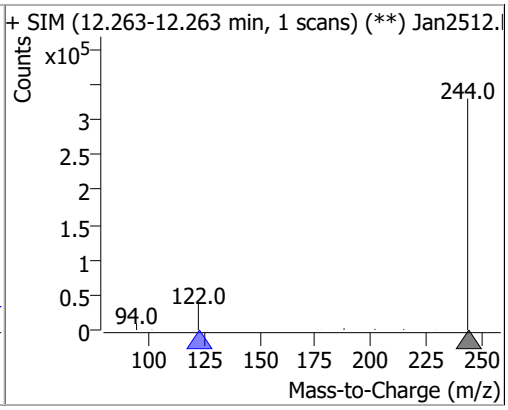




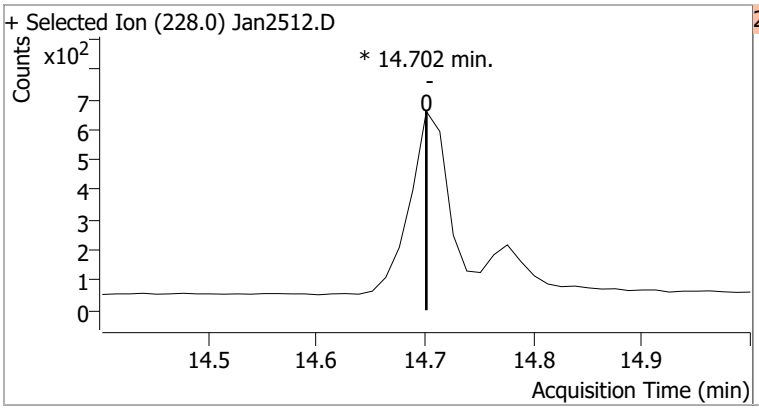
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	71.3055	12.26	0.00	549085	122.0	20.5	13.4	25.0

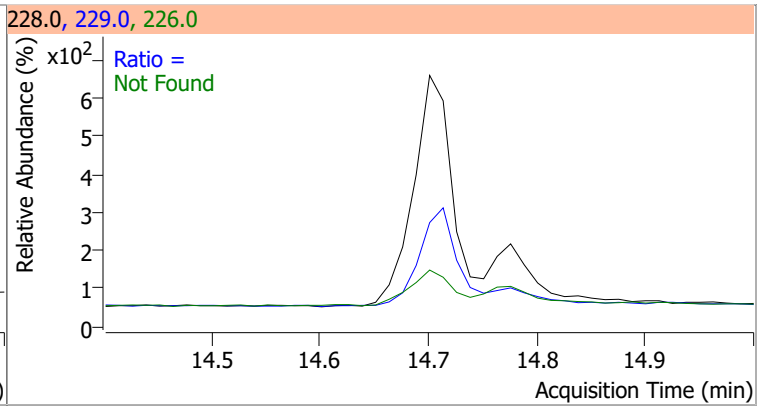




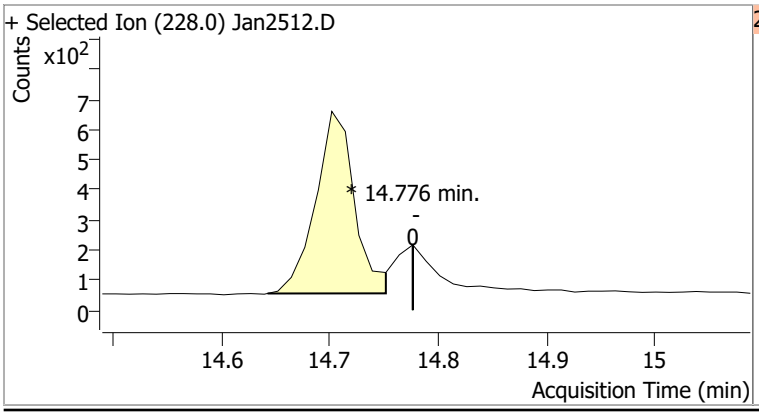


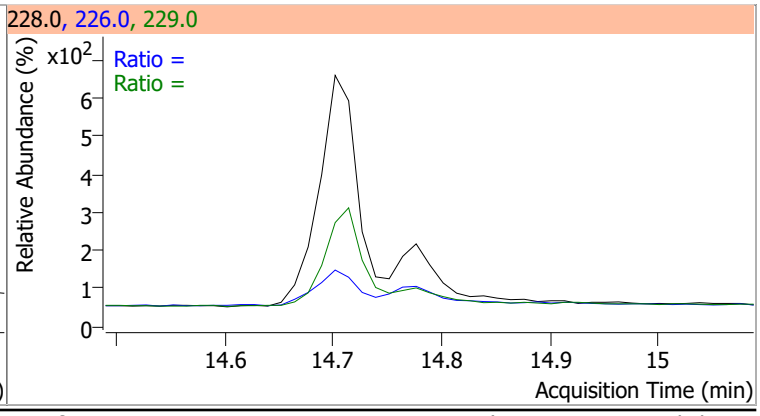
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene		0		0	226.0		18.9	35.1
					229.0		16.1	29.9



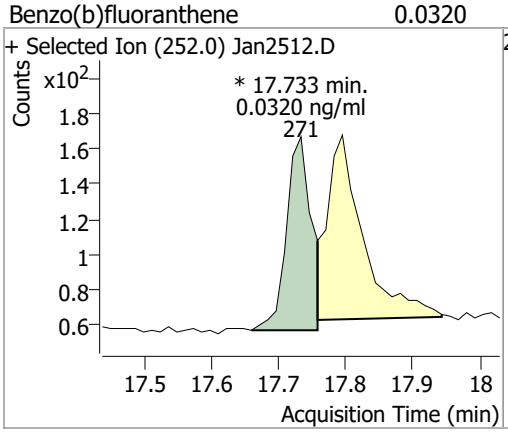


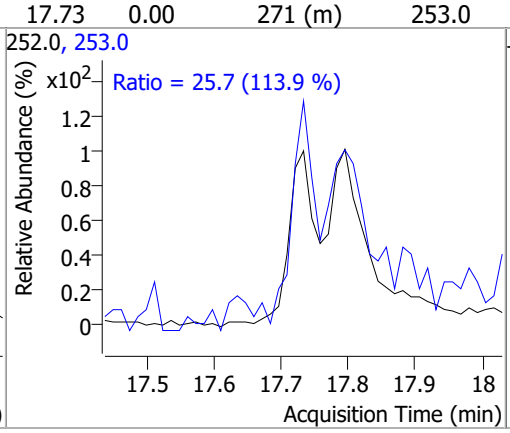
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene		0		0	226.0		21.2	39.4
					229.0		15.0	27.8

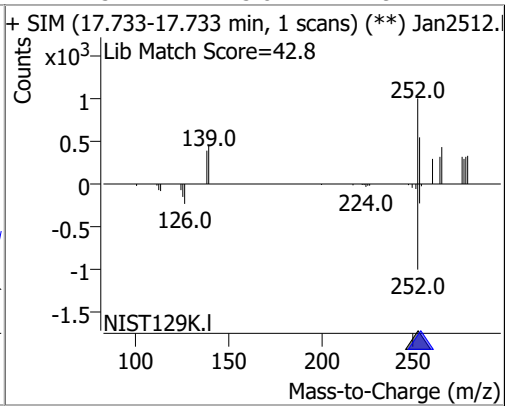




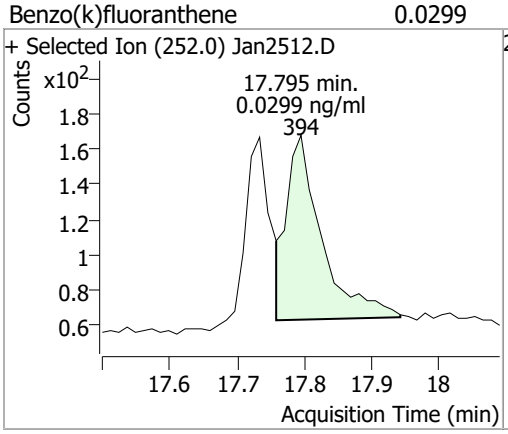
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	0.0320	17.73	0.00	271 (m)	253.0	25.7	15.8	29.4

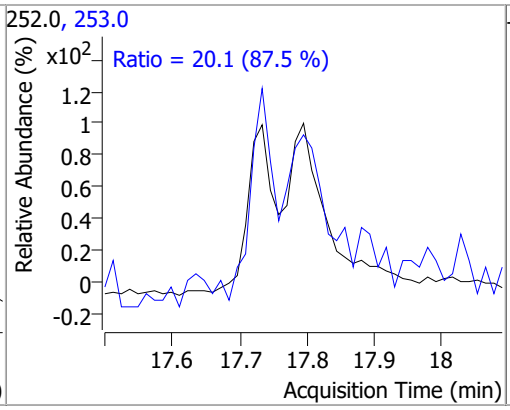


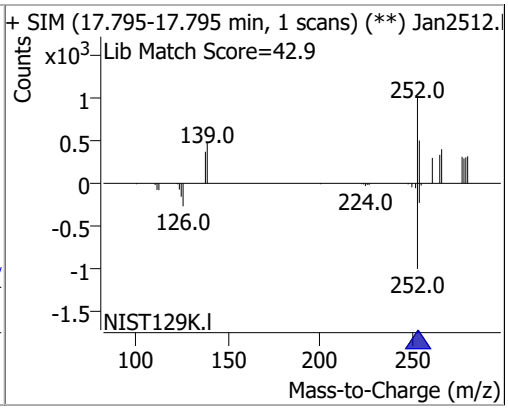




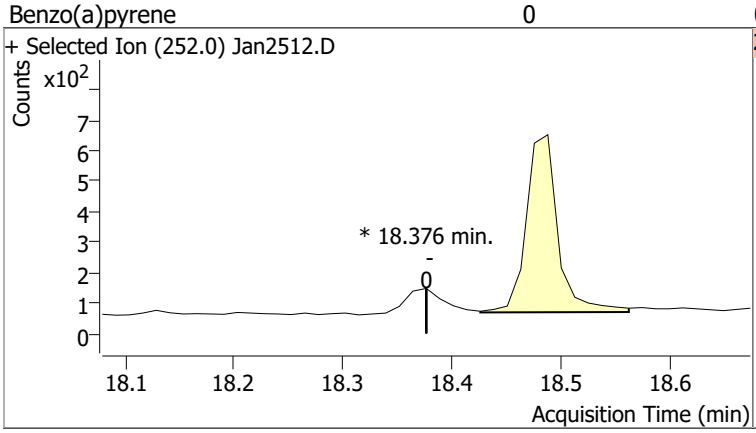
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	0.0299	17.80	0.00	394	253.0	20.1	16.1	29.9

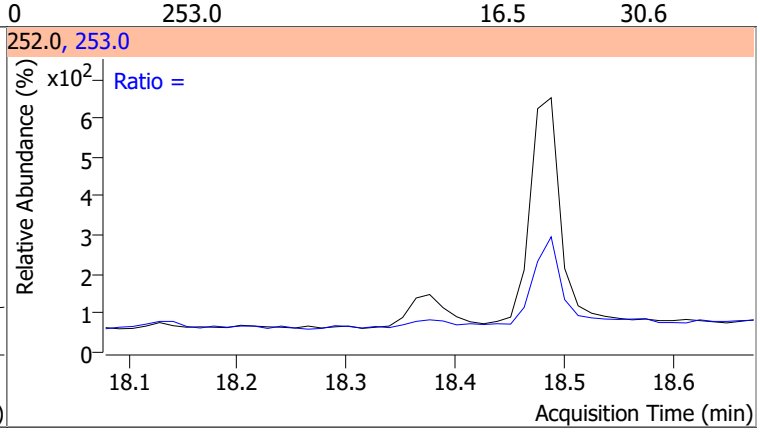




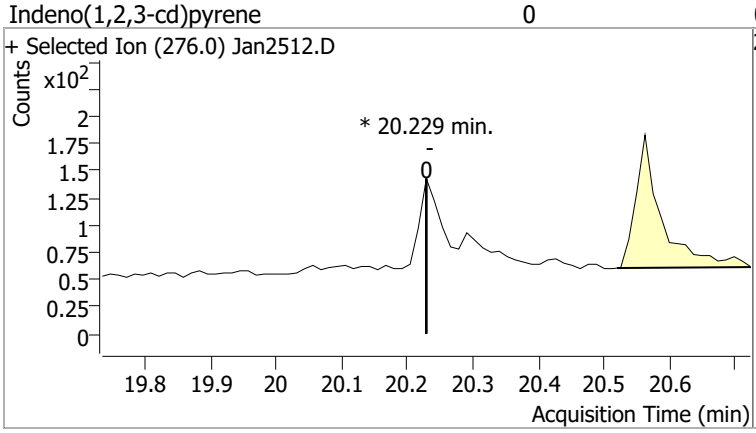


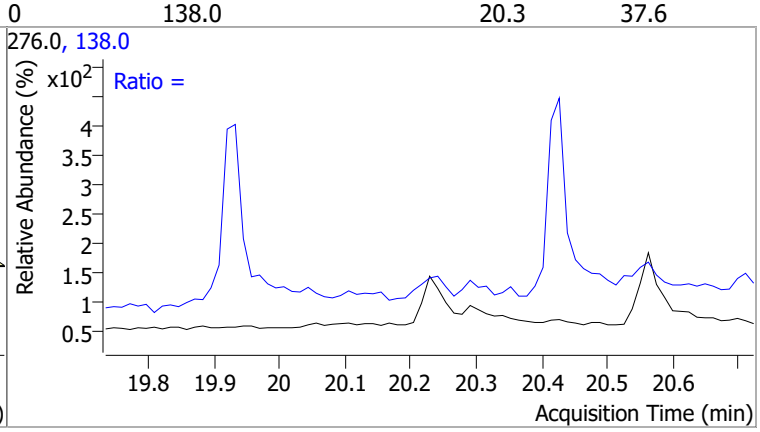
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	0			0	253.0		16.5	30.6



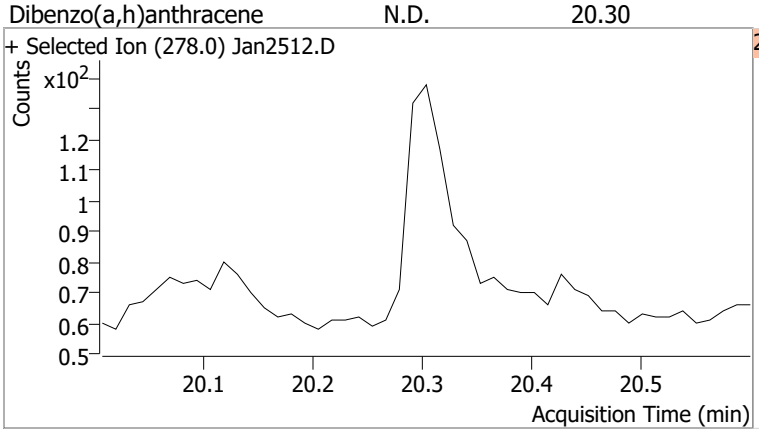


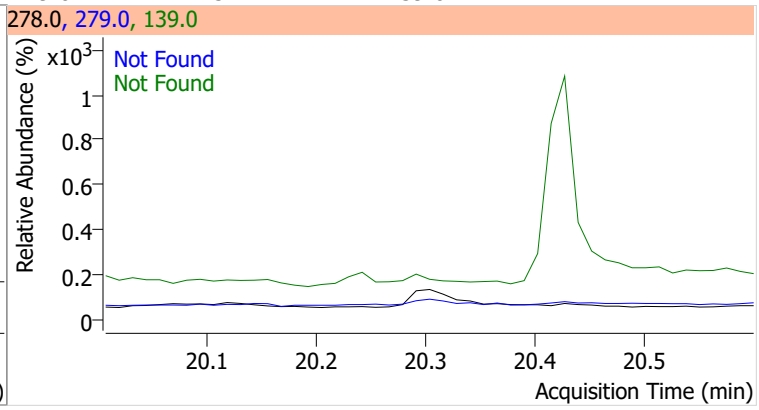
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	0			0	138.0		20.3	37.6



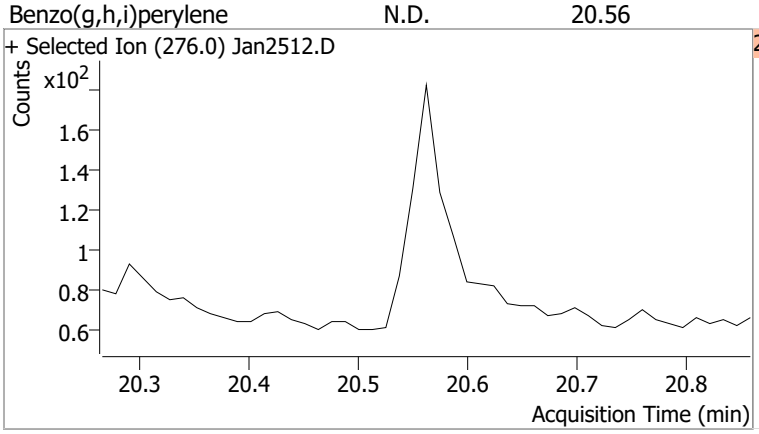


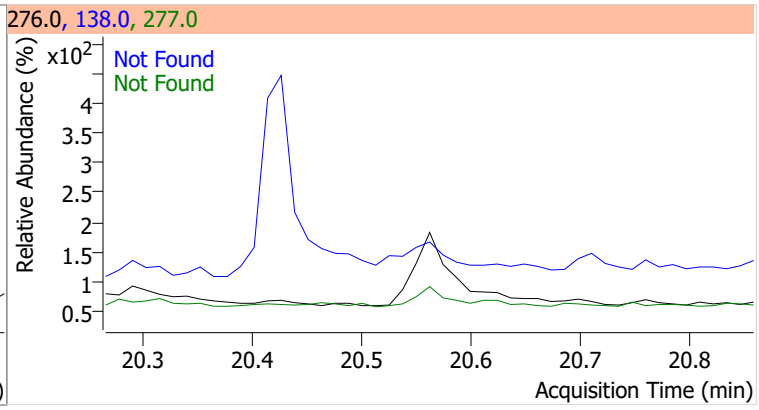
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1





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

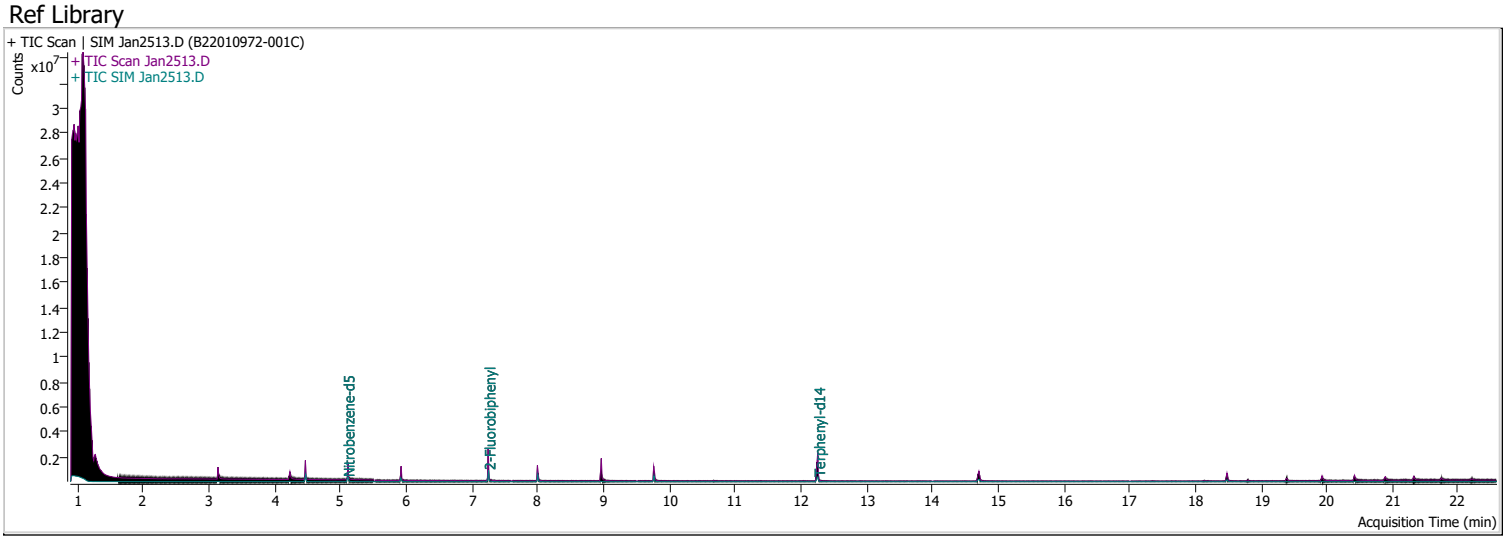




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

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			

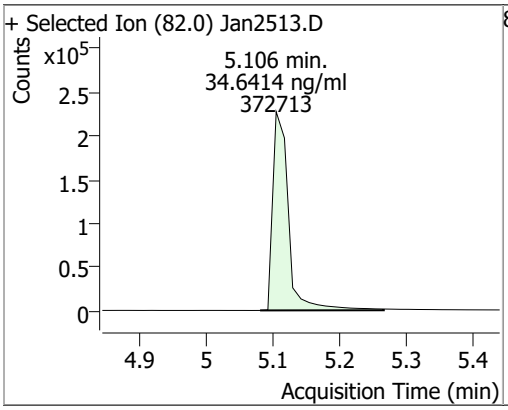


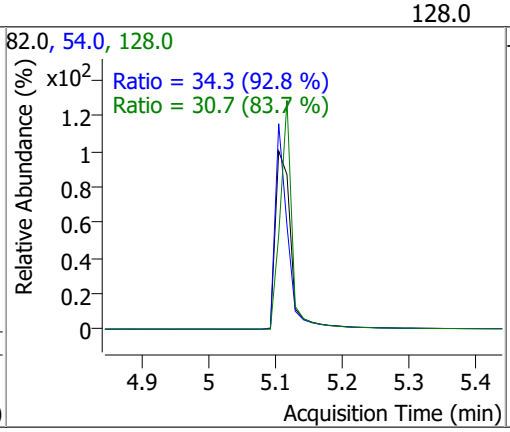
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	208516	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	354689	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.000	164.0	204203	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	408039	40.0000	ng/ml		-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
System Monitoring Compounds							
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%		*	
Target Compounds							**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	8.000	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.			

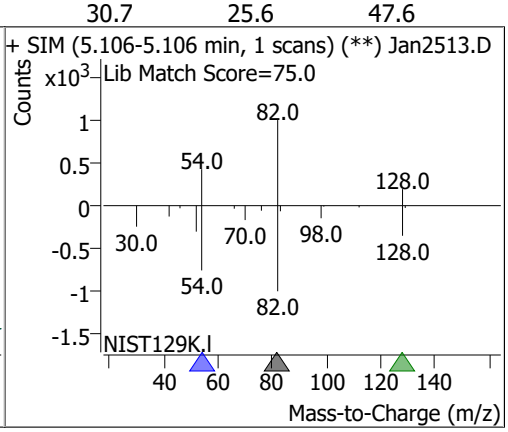
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.			
T Benzo(a)pyrene	18.376	252.0	0		ng/ml	md	1
T Indeno(1,2,3-cd)pyrene	20.229	276.0	0		ng/ml	md	1
T Dibenzo(a,h)anthracene	0.000		0	N.D.			
T Benzo(g,h,i)perylene	0.000		0	N.D.			

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

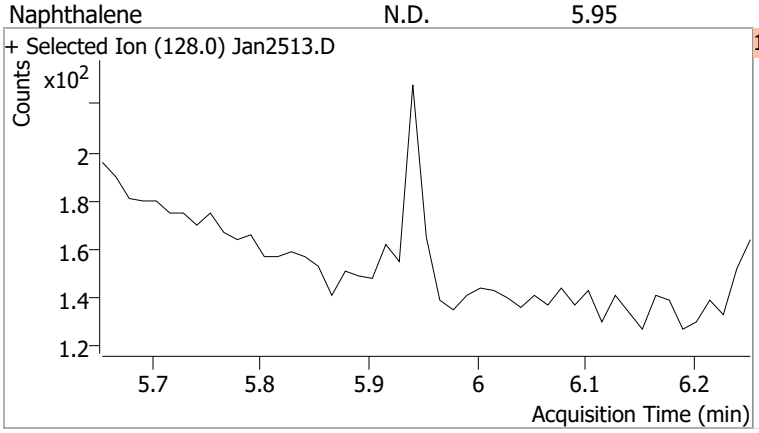
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	34.6414	5.11	-0.04	372713	54.0	34.3	25.9	48.1
					128.0	30.7	25.6	47.6

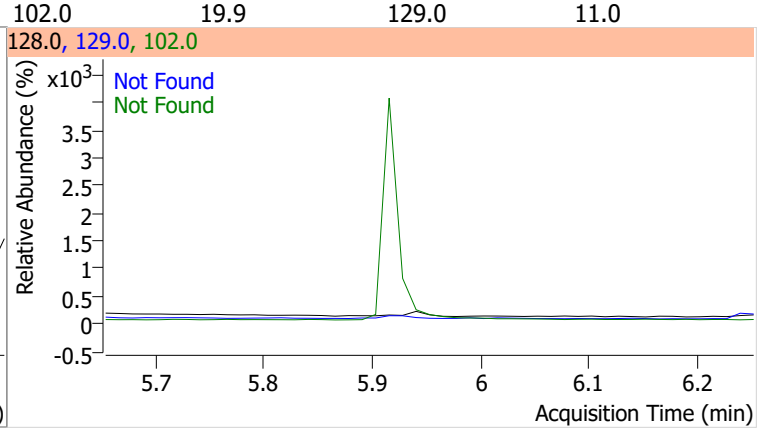




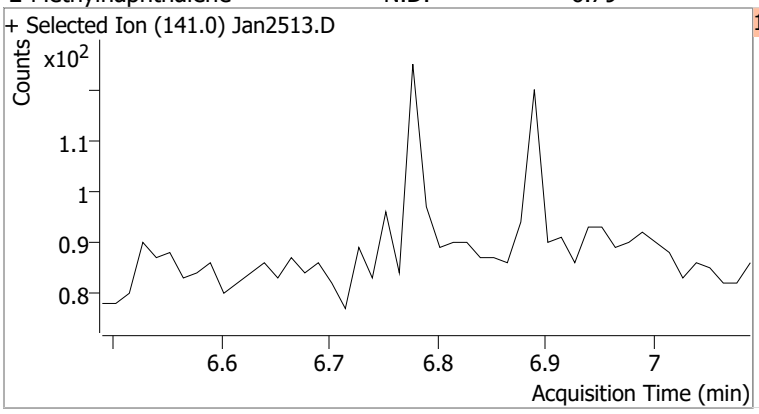


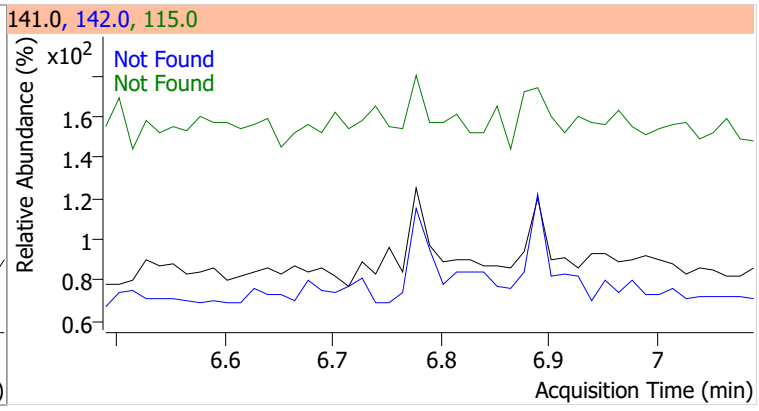
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



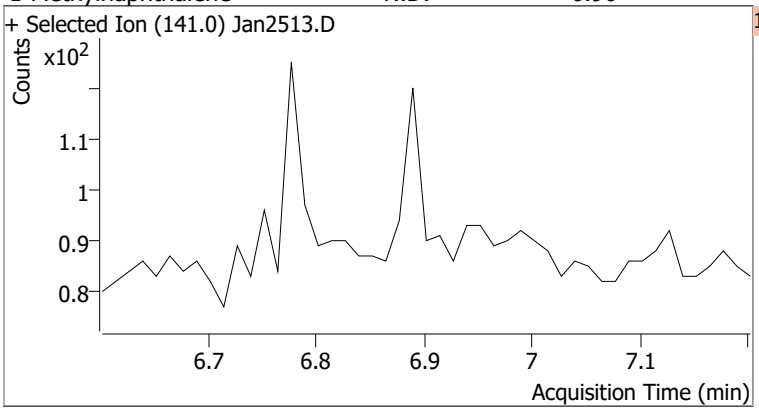


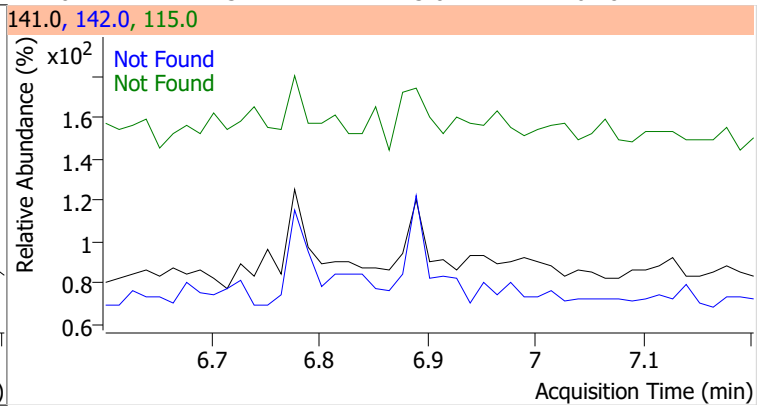
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7





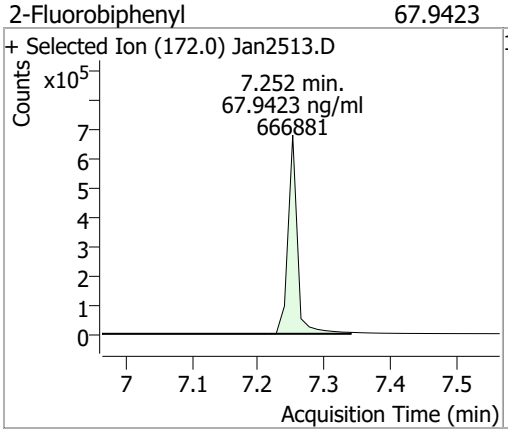
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

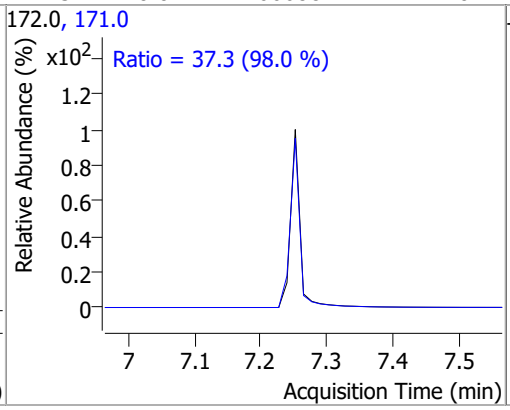


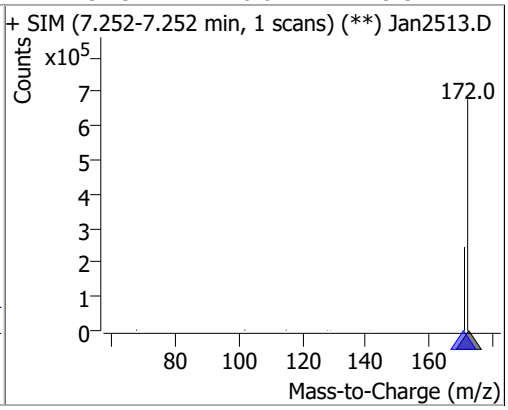


Quantitation Results Report (QT Reviewed)

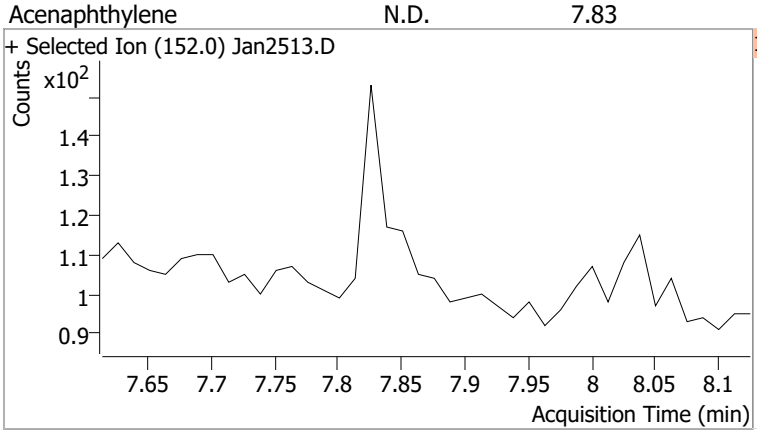
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	67.9423	7.25	-0.01	666881	171.0	37.3	26.6	49.5

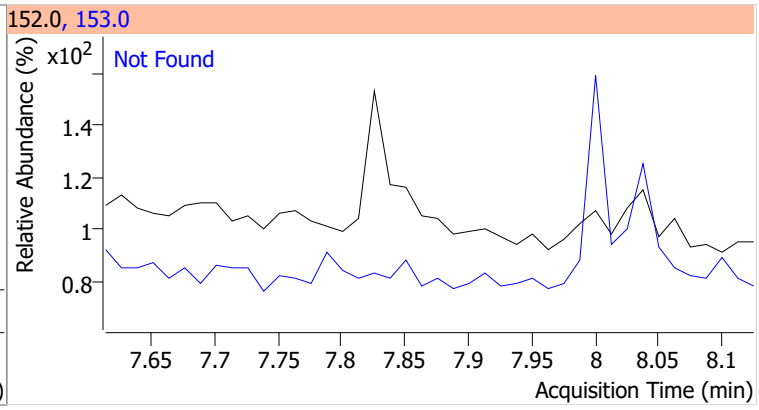




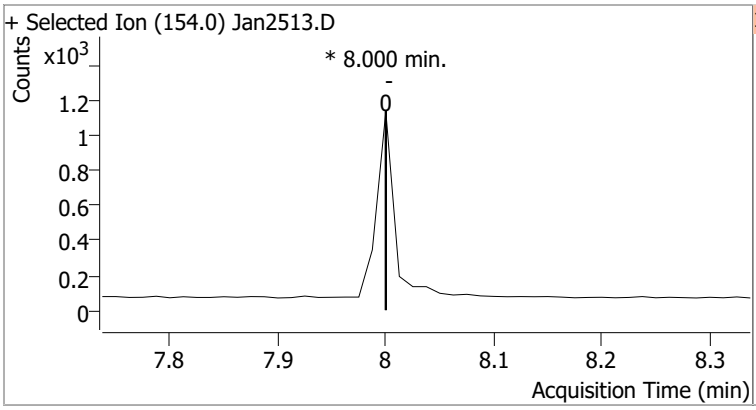


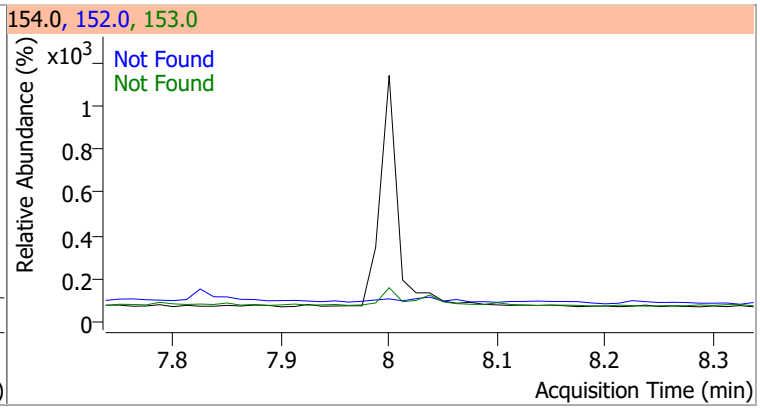
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



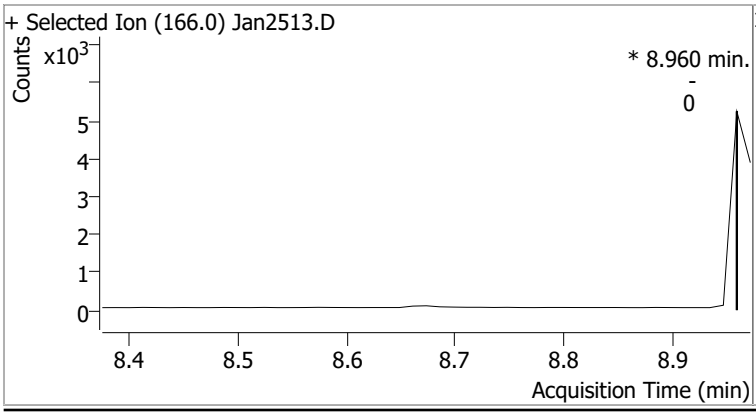


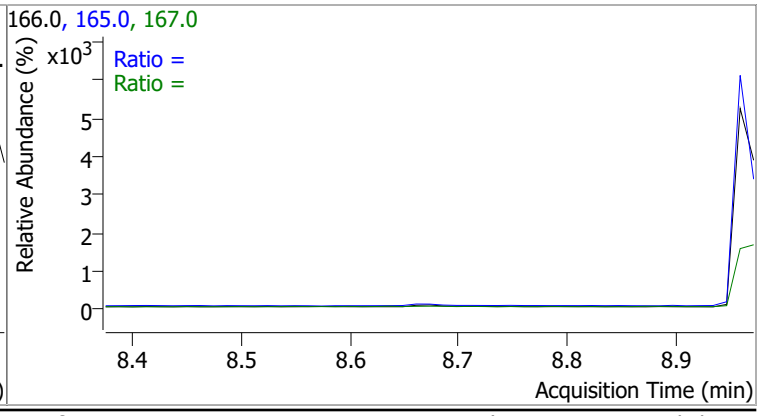
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1



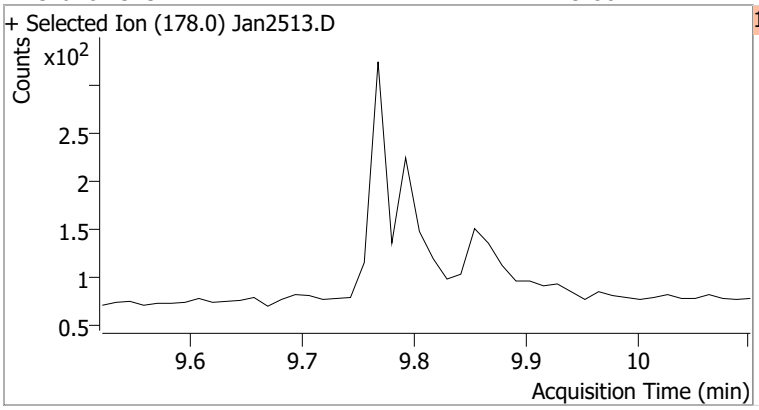


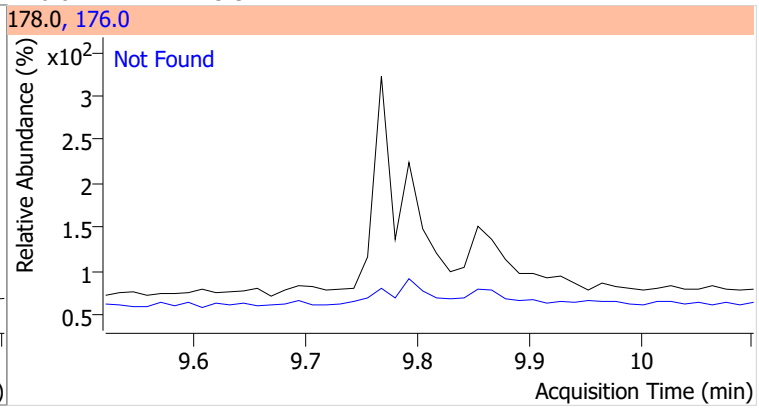
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		69.1	128.3
					167.0		9.7	18.0



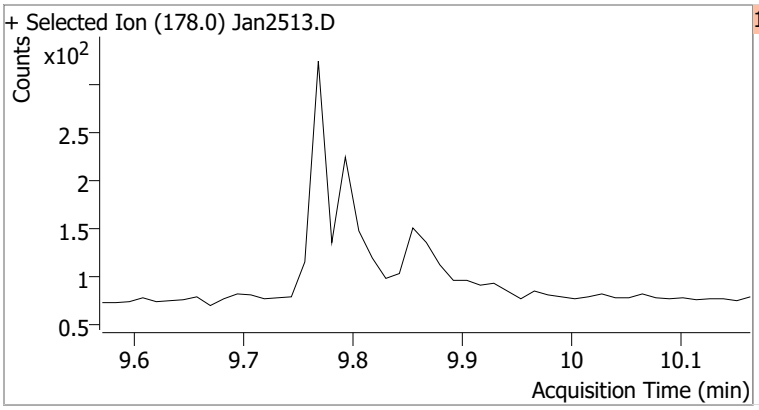


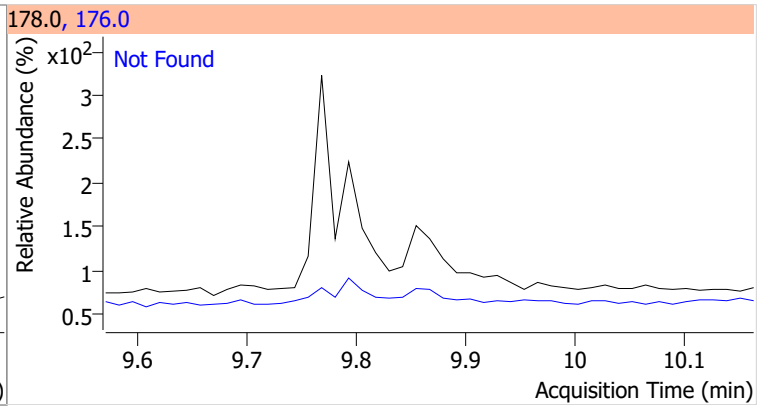
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



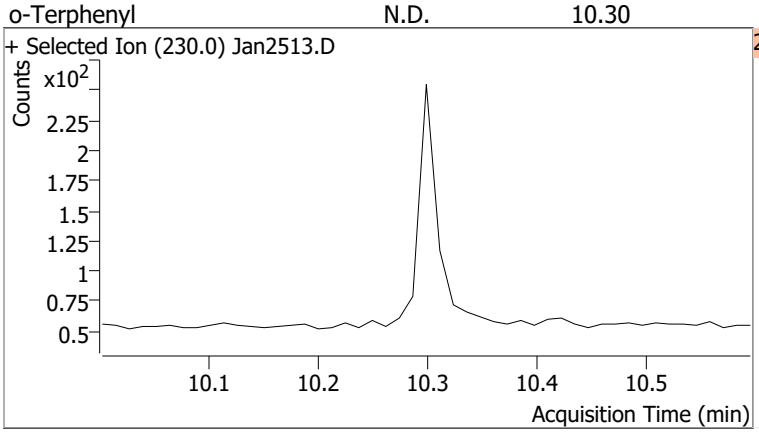


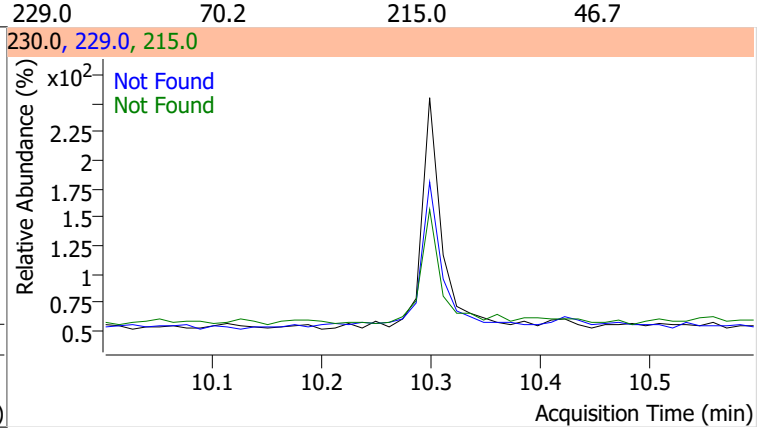
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.87	176.0	18.1



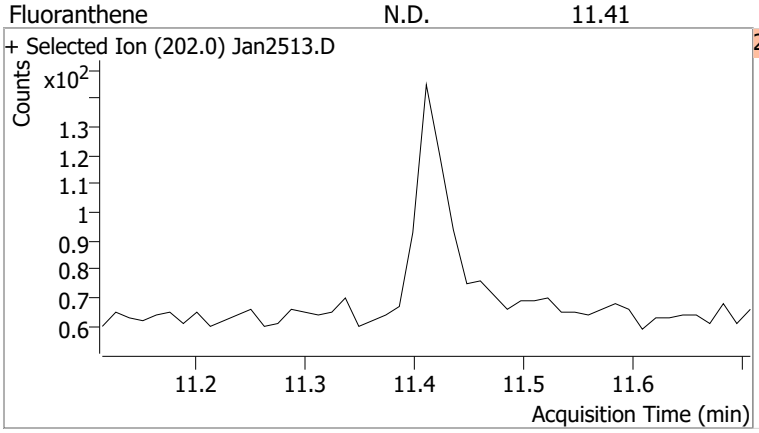


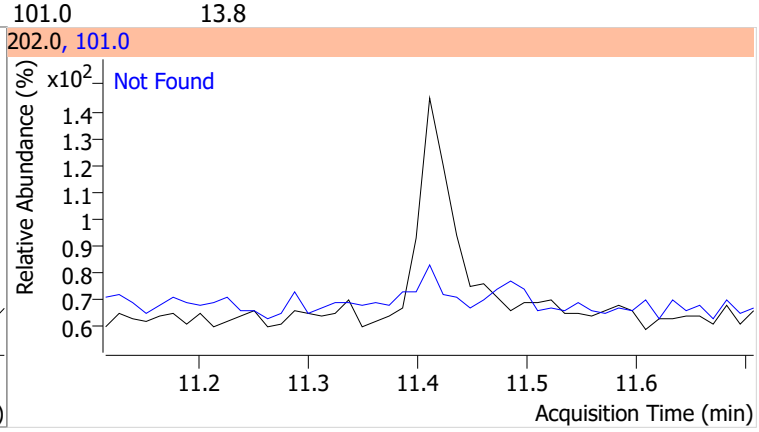
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	70.2	215.0	46.7



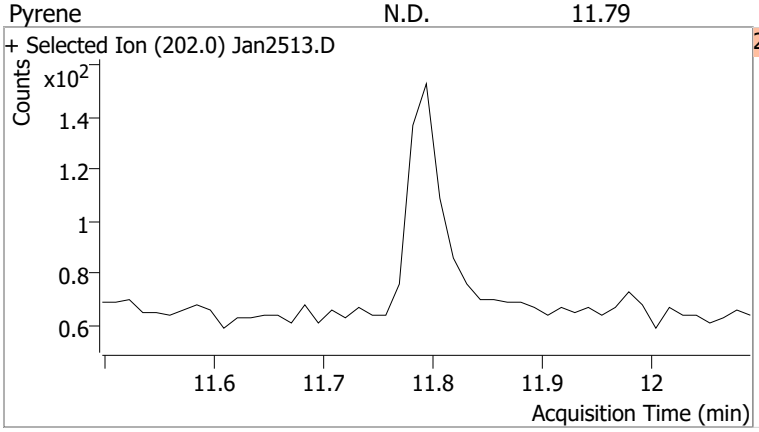


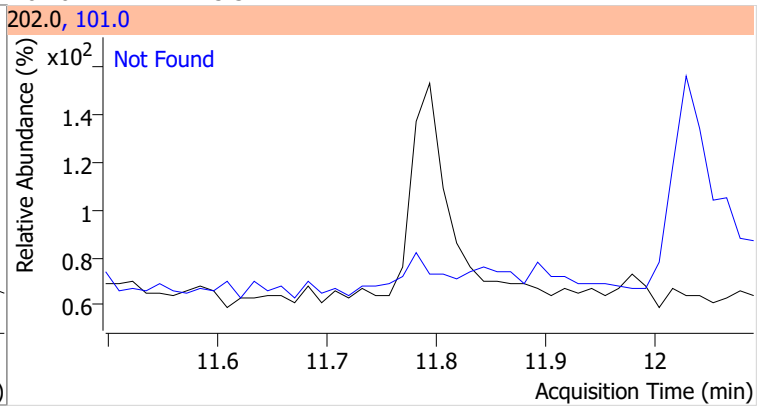
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8



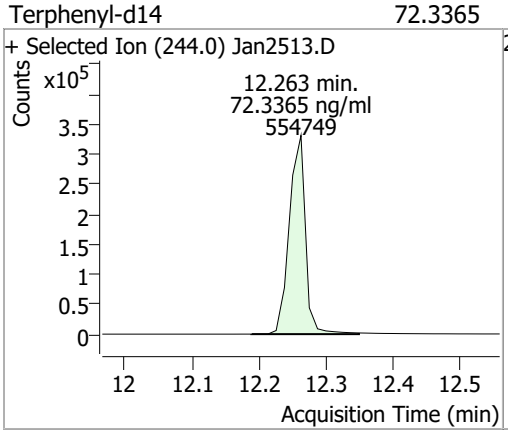


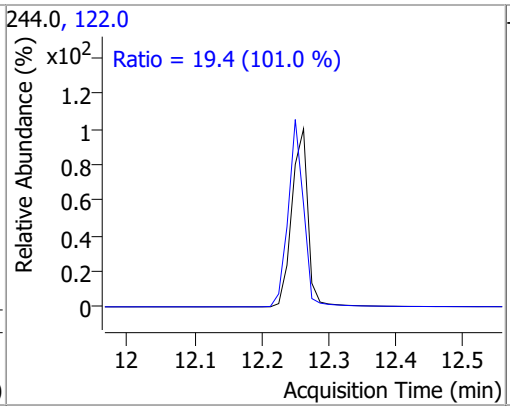
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.79	101.0	15.3

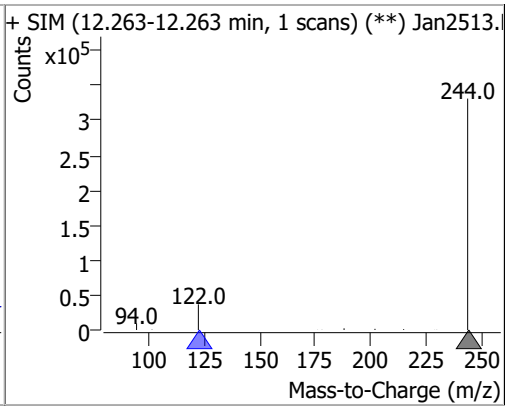




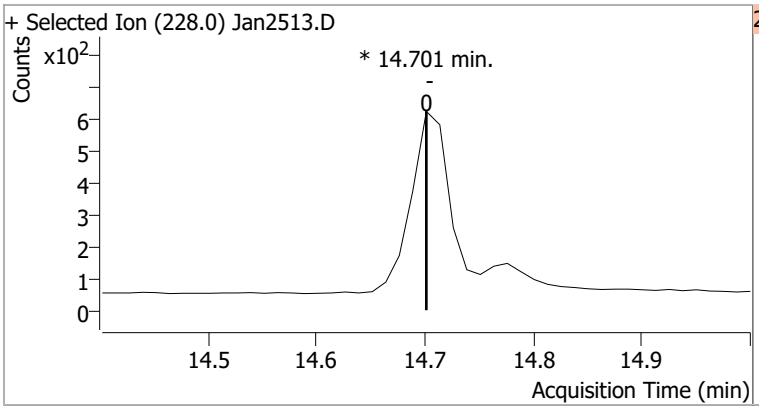
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	72.3365	12.26	0.00	554749	122.0	19.4	13.4	25.0

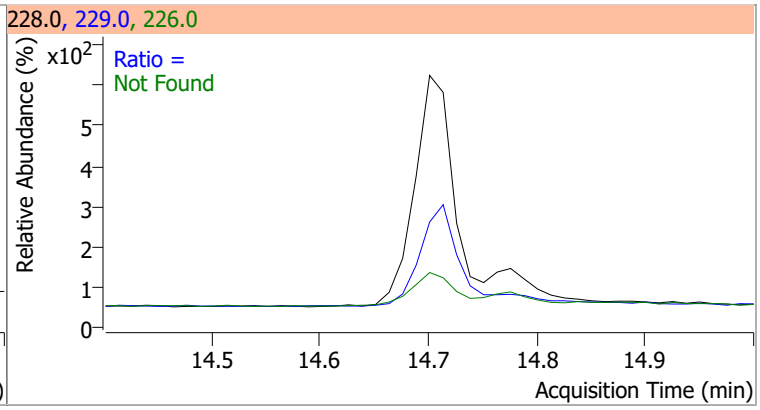




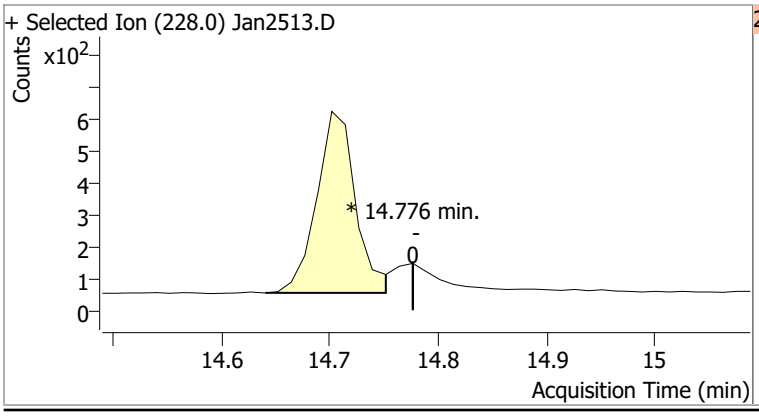


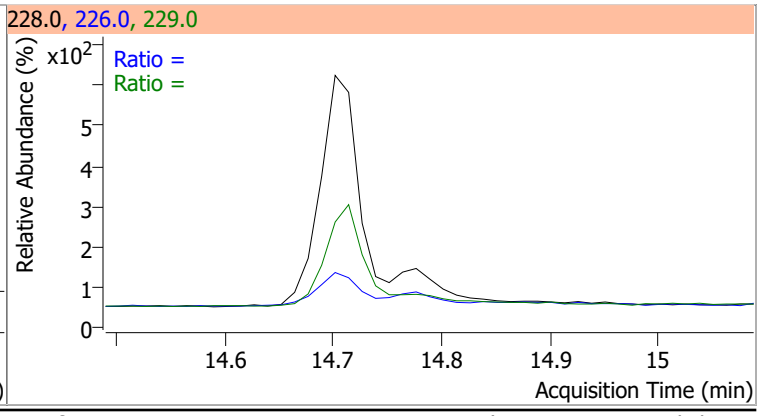
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene		0		0	226.0		18.9	35.1
					229.0		16.1	29.9



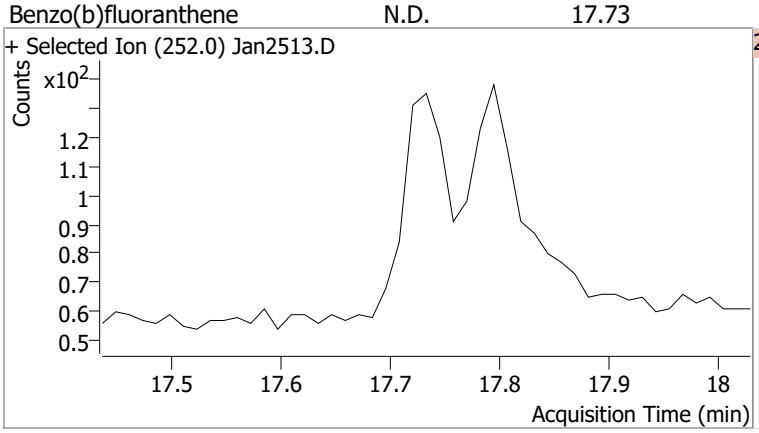


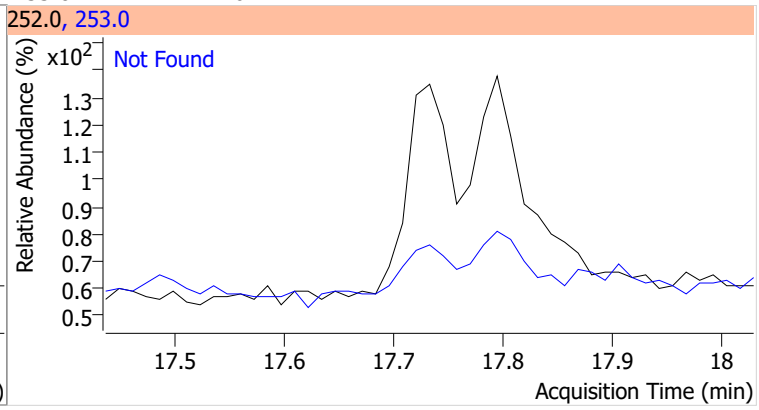
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene		0		0	226.0		21.2	39.4
					229.0		15.0	27.8



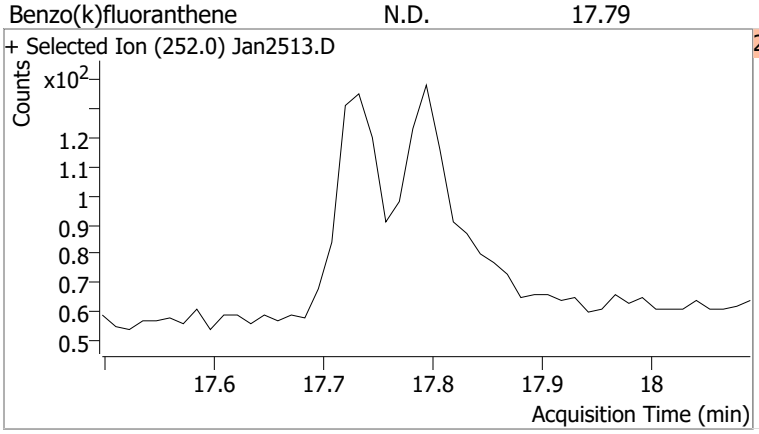


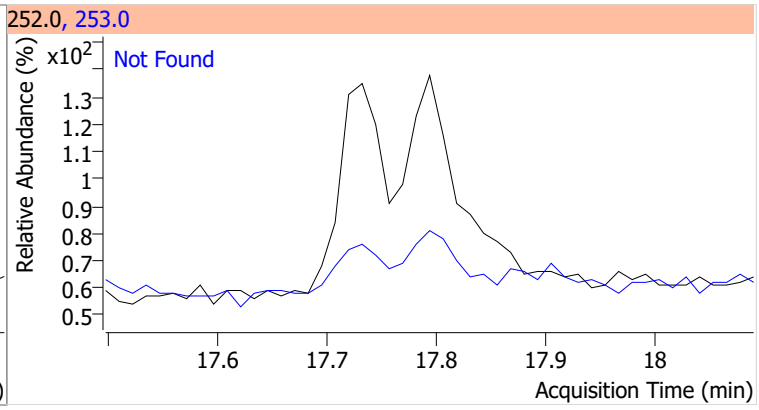
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



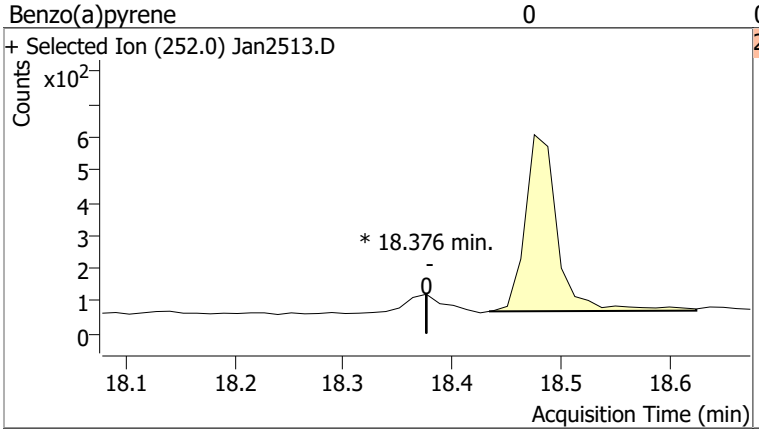


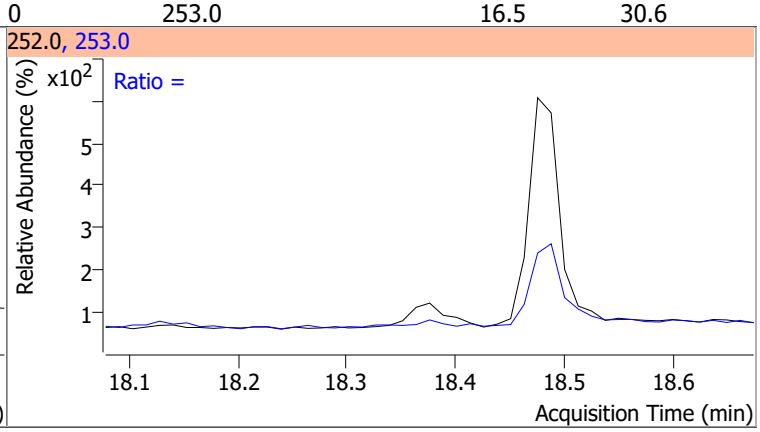
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



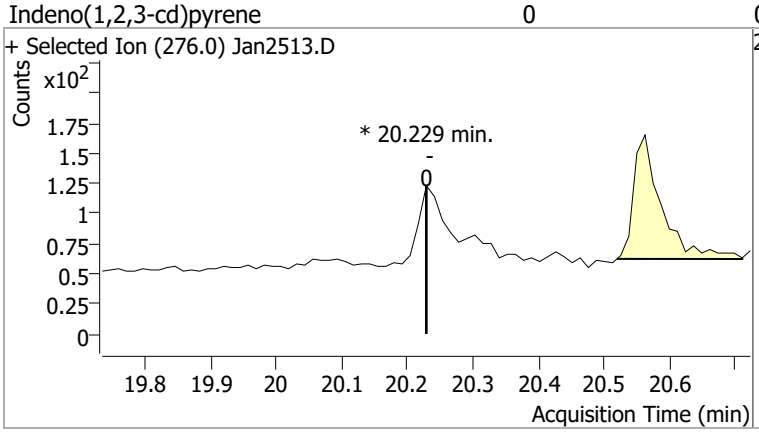


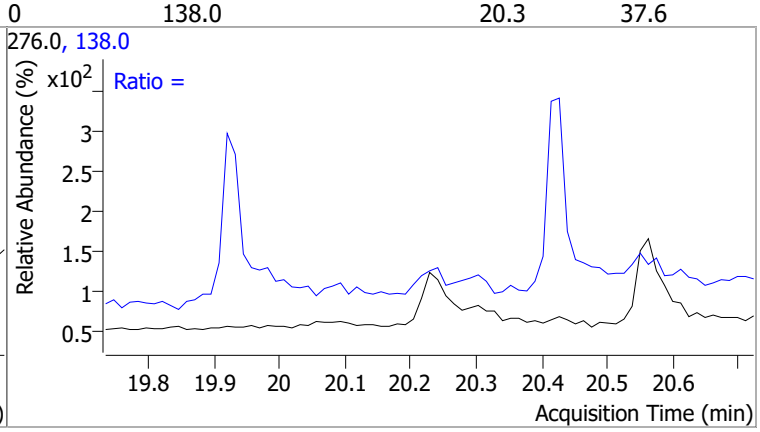
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



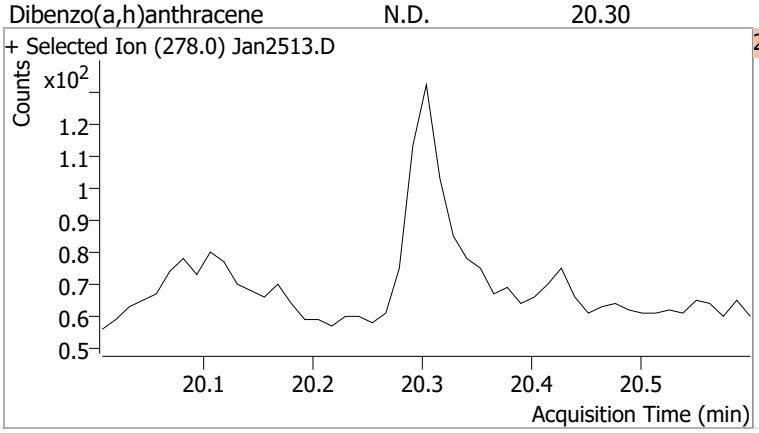


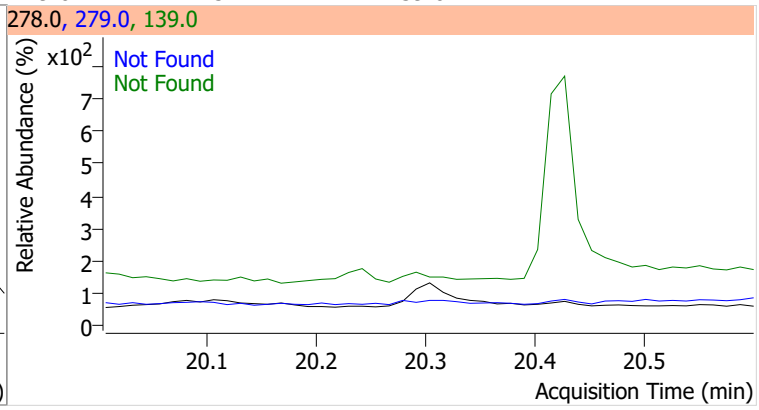
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene		0		0	138.0		20.3	37.6



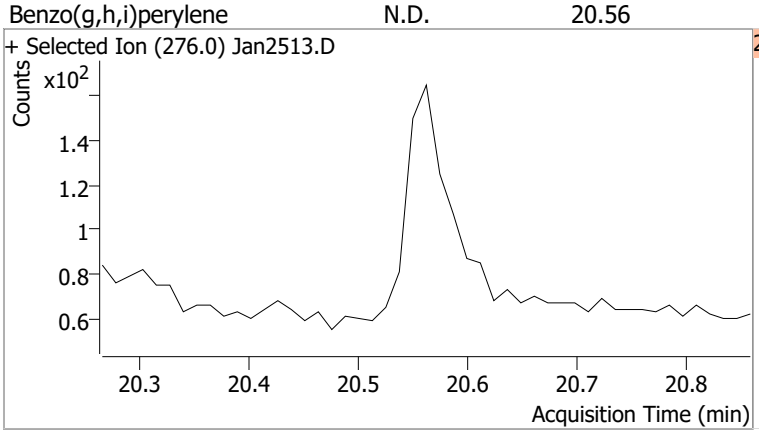


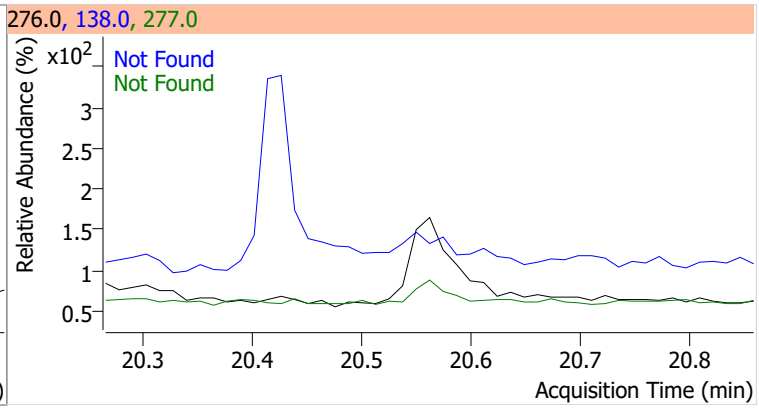
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1





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

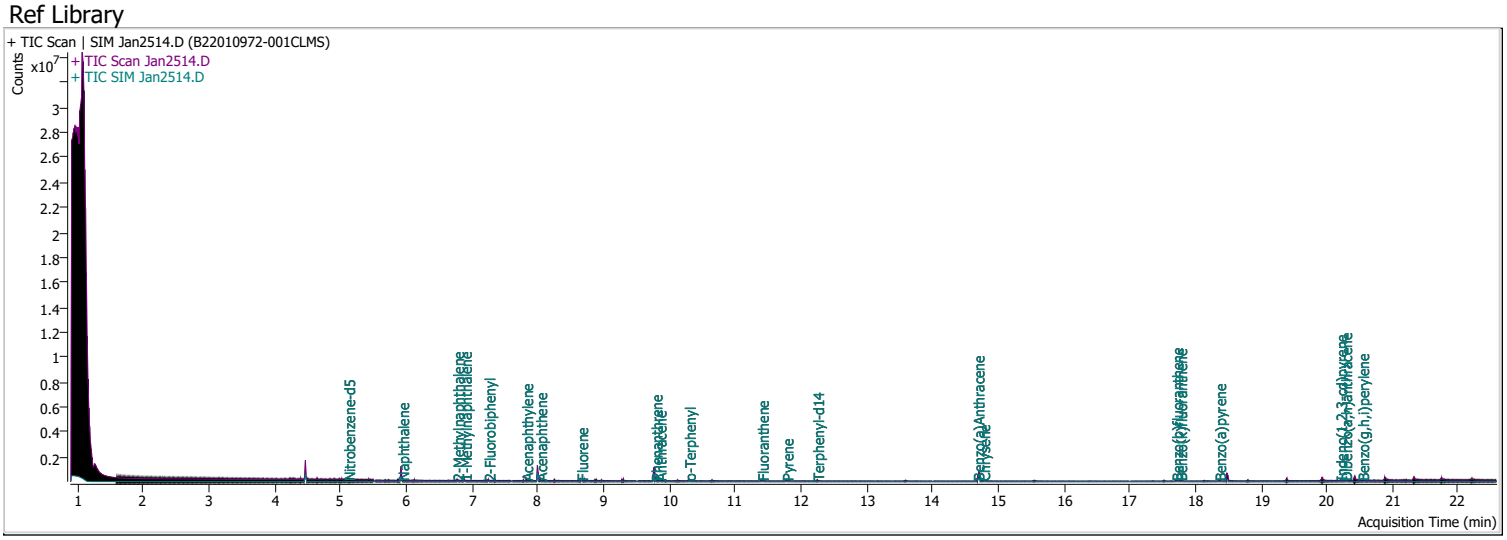




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	Jan2514.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 5:34:20 PM
Sample Name	B22010972-001CLMS	Instrument	GCMS
Vial	14	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			

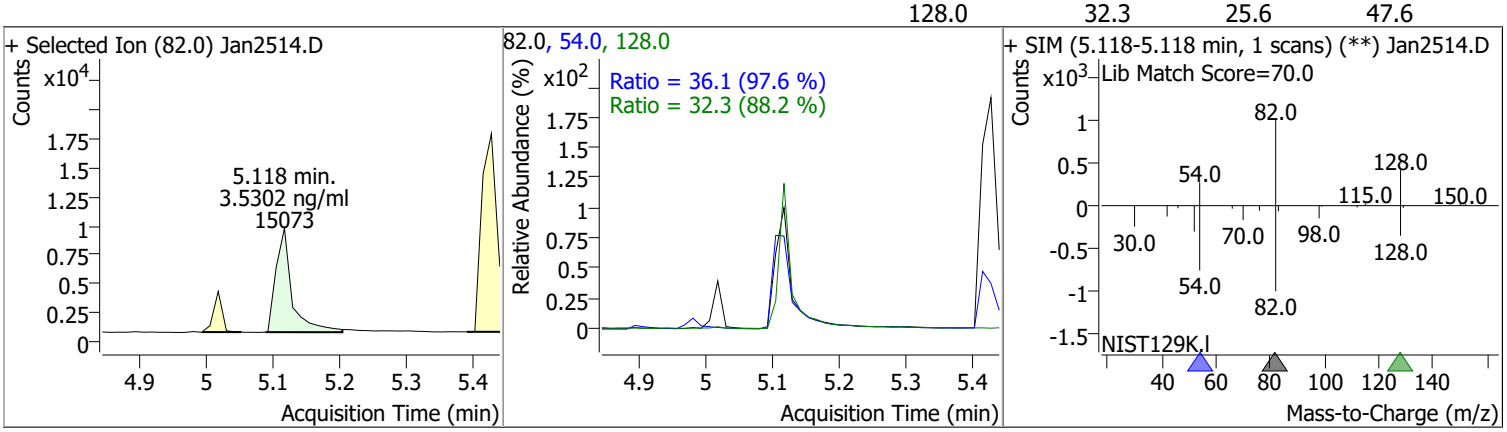


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M 1,4-Dichlorobenzene-d4	4.472	152.0	206565	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	369387	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.000	164.0	219694	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	416638	40.0000	ng/ml	-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
System Monitoring Compounds						
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%		
Target Compounds						**QValue**
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

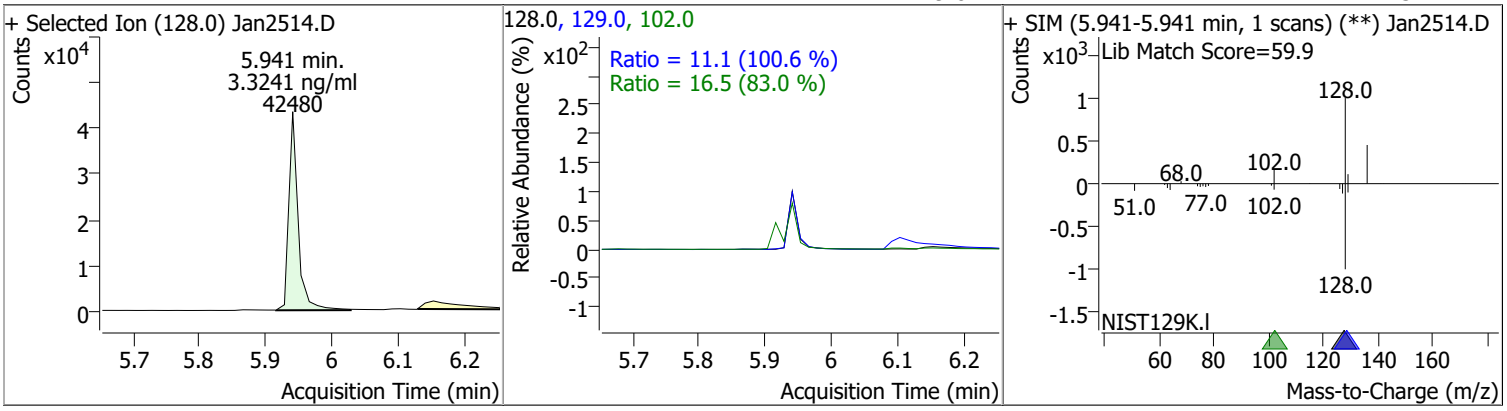
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	38910	3.5368	ng/ml	99
T Benzo(a)pyrene	18.363	252.0	27123	3.6074	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.204	276.0	25528	3.5473	ng/ml	98
T Dibenzo(a,h)anthracene	20.278	278.0	32535	3.8531	ng/ml	98
T Benzo(g,h,i)perylene	20.538	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

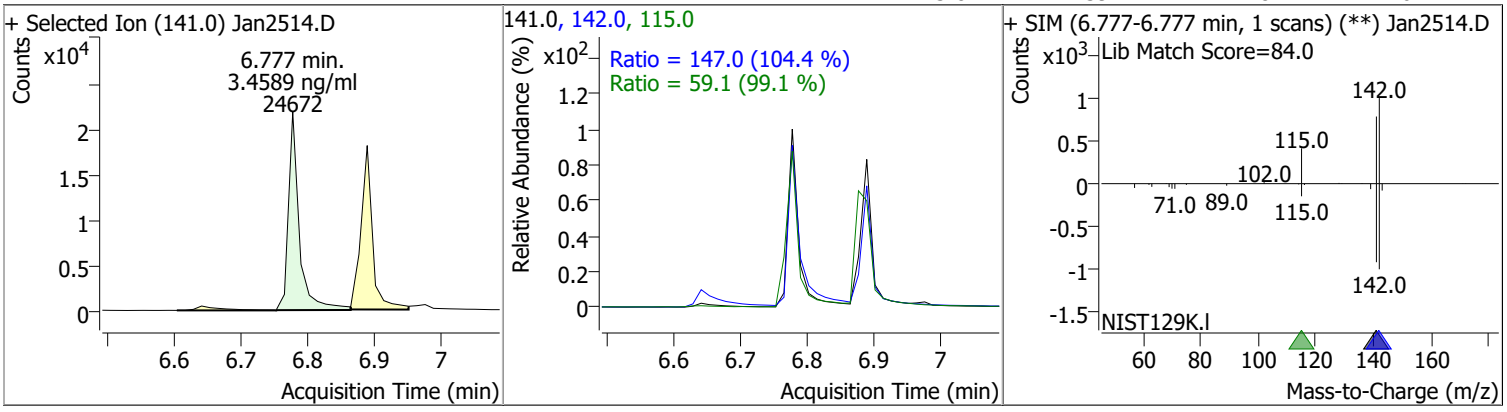
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	3.5302	5.12	-0.02	15073	54.0	36.1	25.9	48.1
					128.0	32.3	25.6	47.6



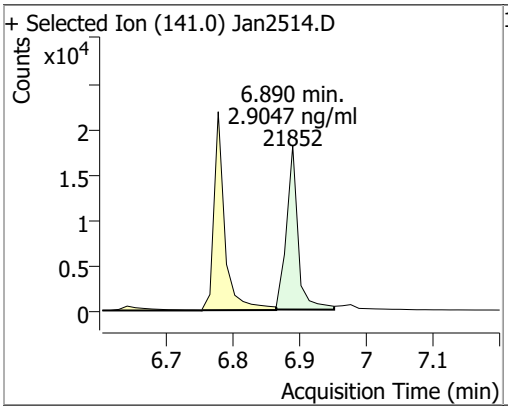
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	3.3241	5.94	-0.01	42480	102.0	16.5	0.0	59.6
					129.0	11.1	7.7	14.3

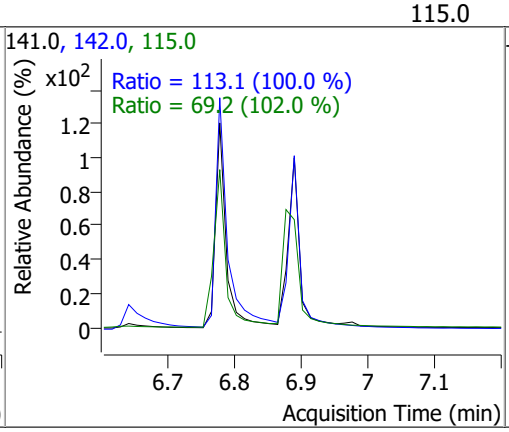


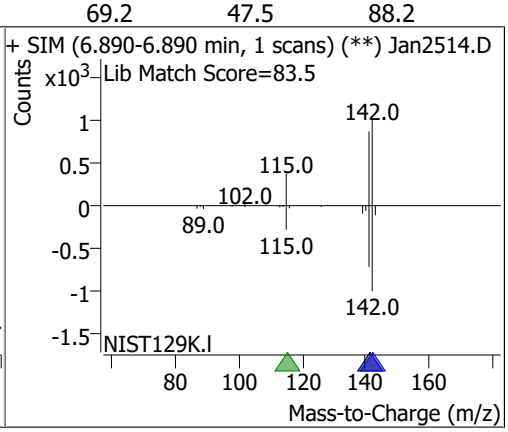
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	3.4589	6.78	-0.01	24672	142.0	147.0	98.5	183.0
					115.0	59.1	41.8	77.6



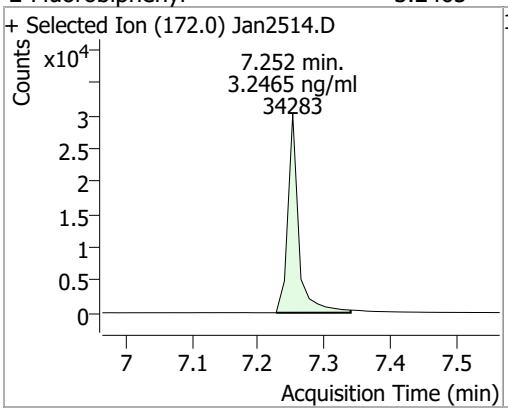
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.9047	6.89	-0.01	21852	142.0	113.1	79.2	147.1
					115.0	69.2	47.5	88.2

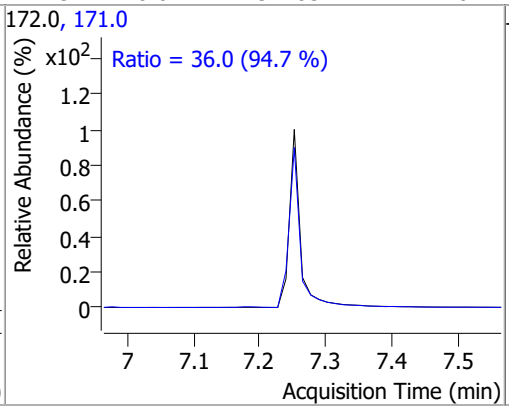


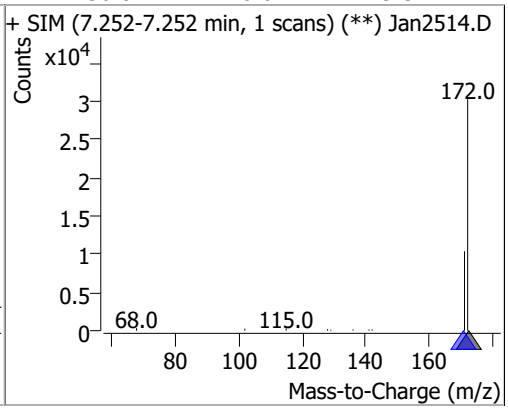




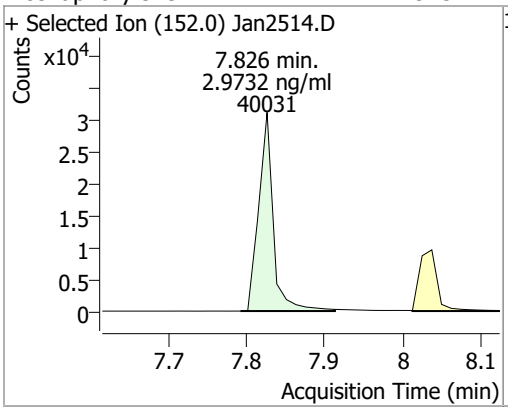
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	3.2465	7.25	-0.01	34283	171.0	36.0	26.6	49.5

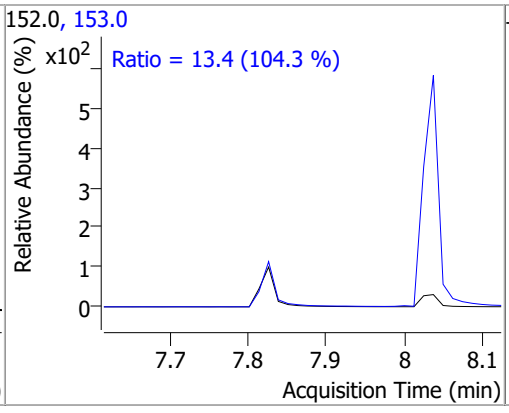


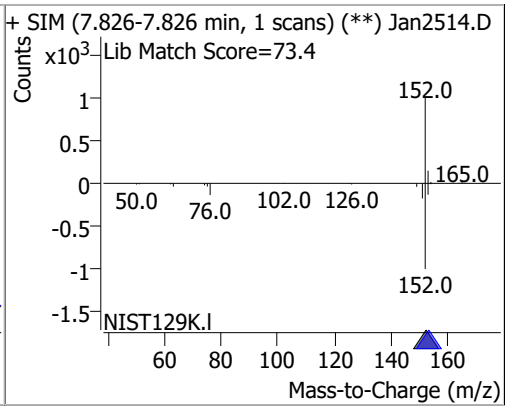




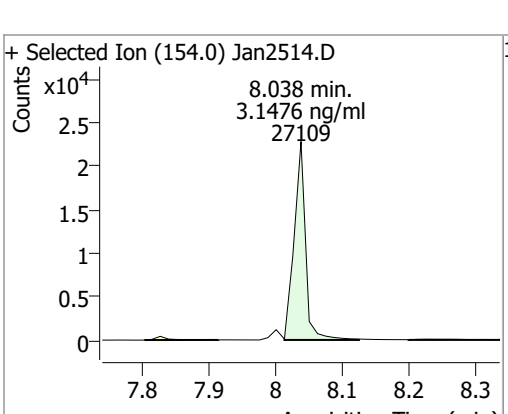
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	2.9732	7.83	0.00	40031	153.0	13.4	9.0	16.6

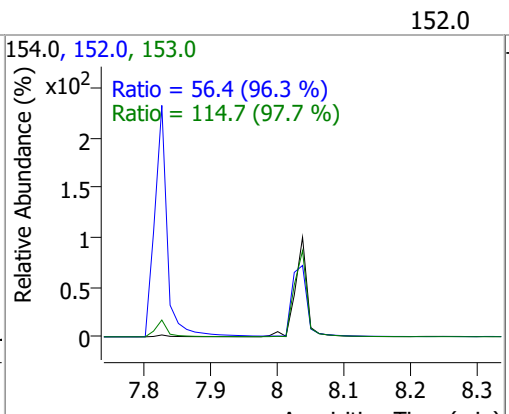


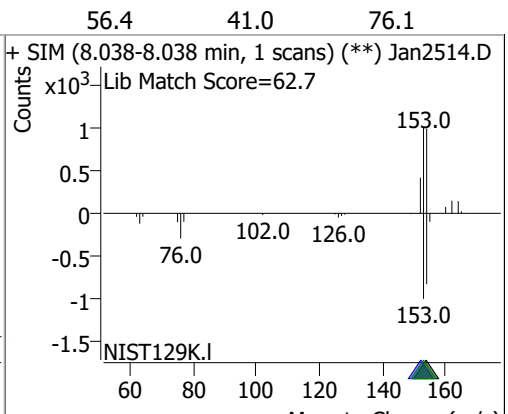




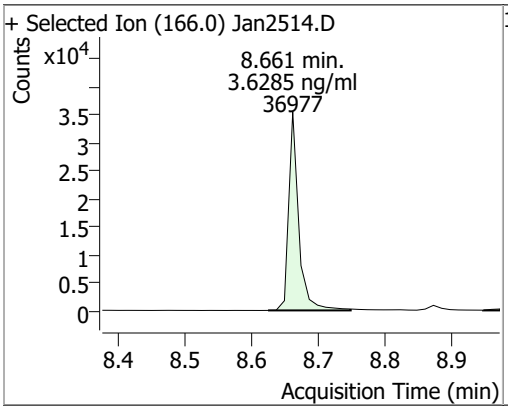
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	3.1476	8.04	0.00	27109	153.0	114.7	82.1	152.6
					152.0	56.4	41.0	76.1

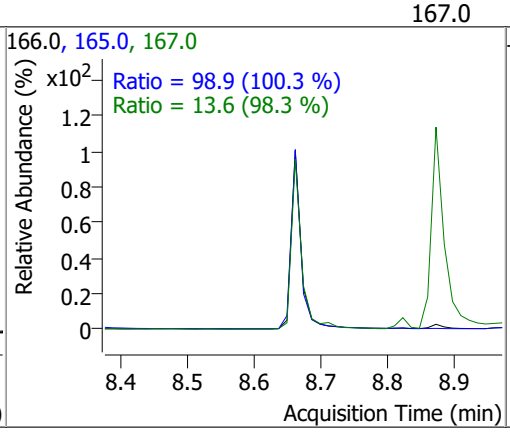


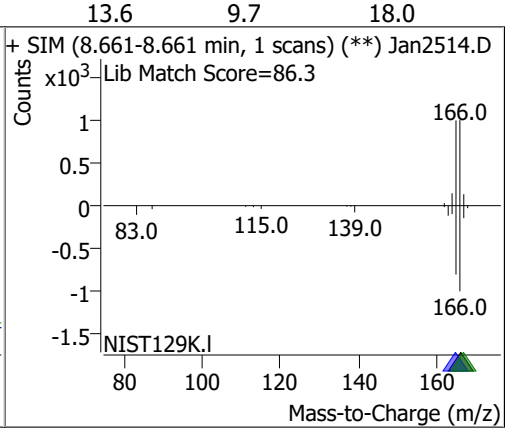




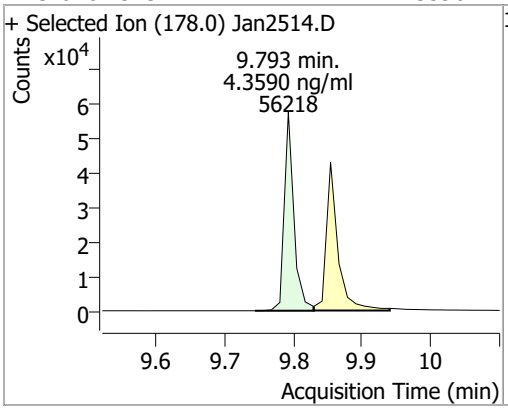
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.6285	8.66	-0.01	36977	165.0	98.9	69.1	128.3
					167.0	13.6	9.7	18.0

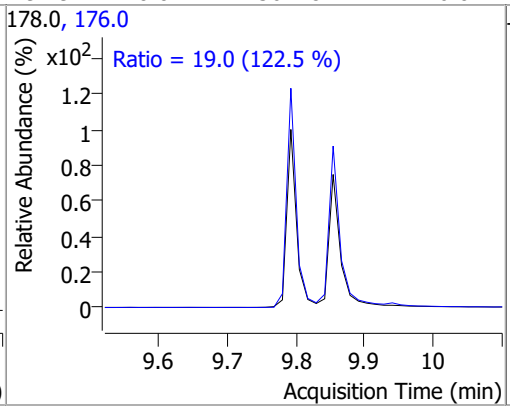


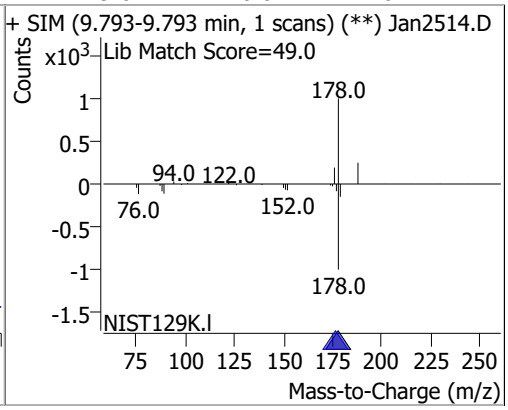




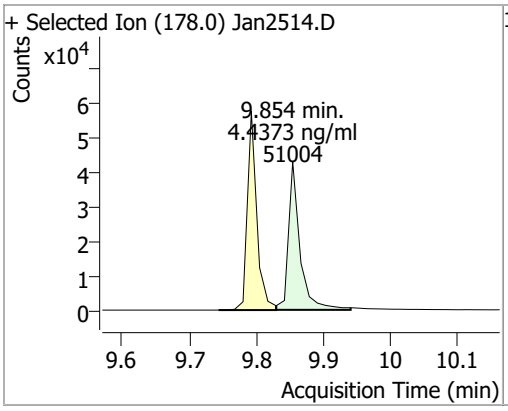
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.3590	9.79	-0.01	56218	176.0	19.0	10.8	20.1

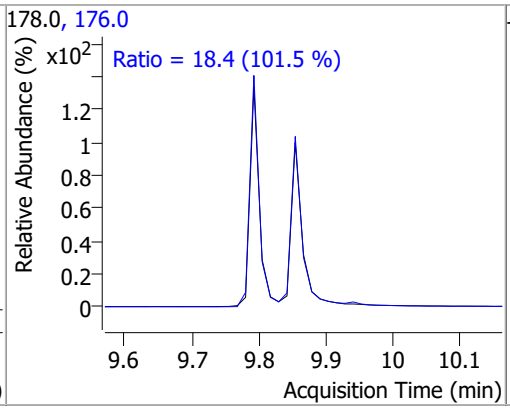


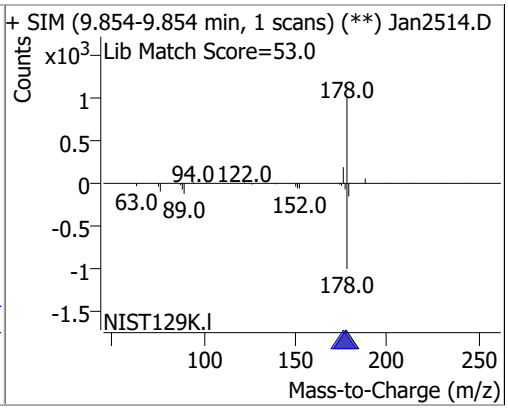




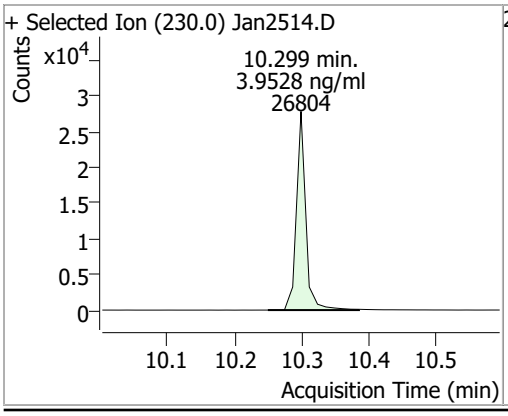
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.4373	9.85	-0.01	51004	176.0	18.4	12.7	23.5

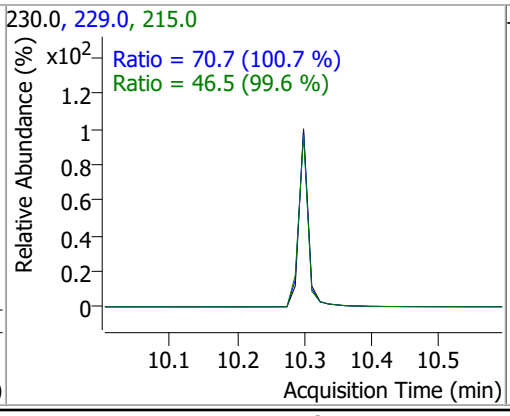


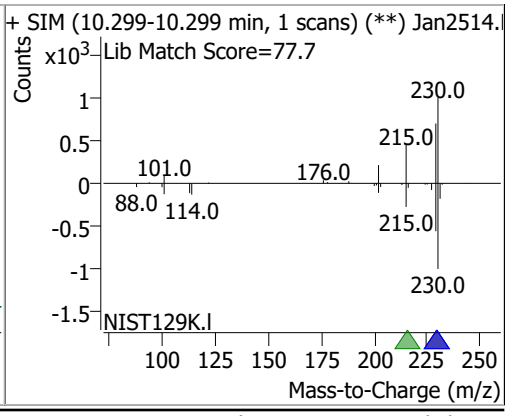




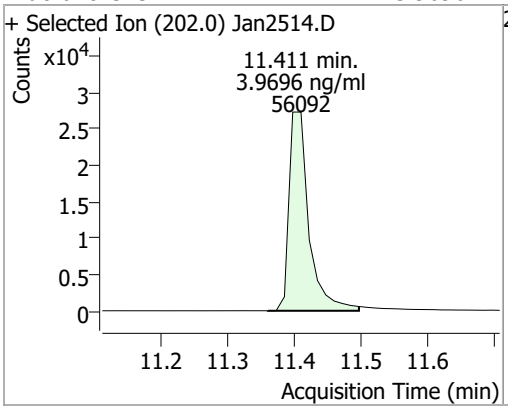
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	3.9528	10.30	0.00	26804	229.0	70.7	49.2	91.3
					215.0	46.5	32.7	60.7

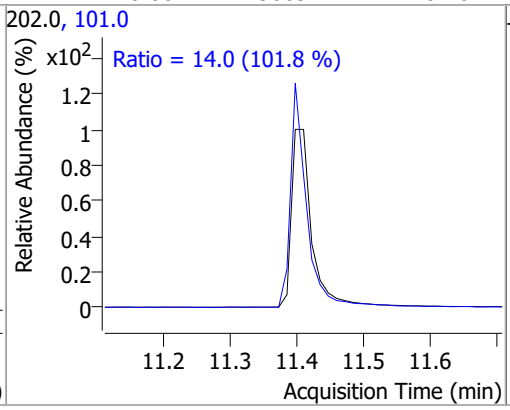


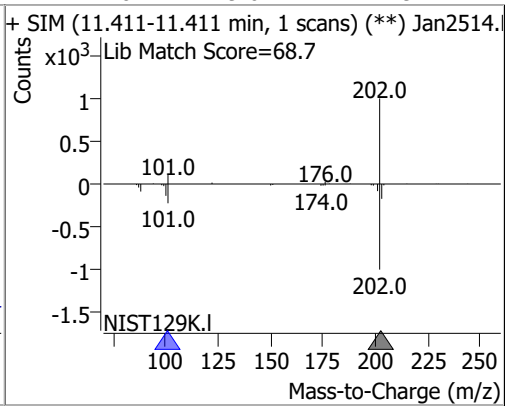




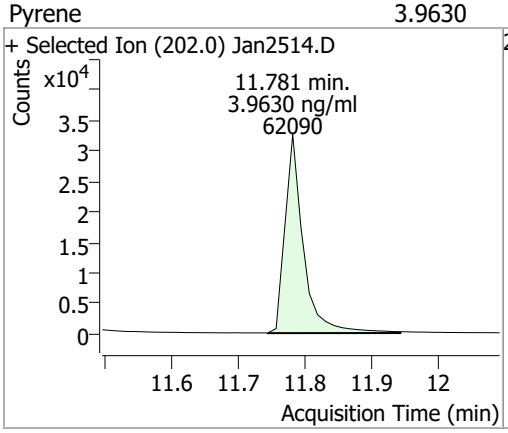
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	3.9696	11.41	0.00	56092	101.0	14.0	9.6	17.9

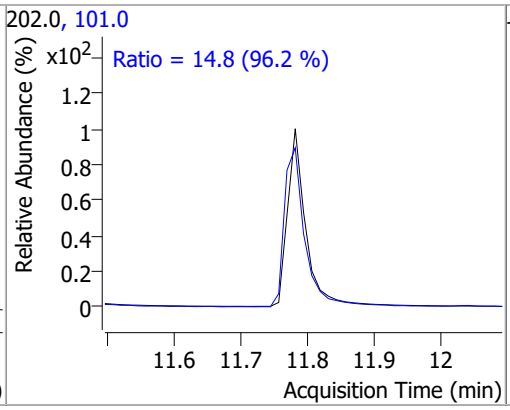


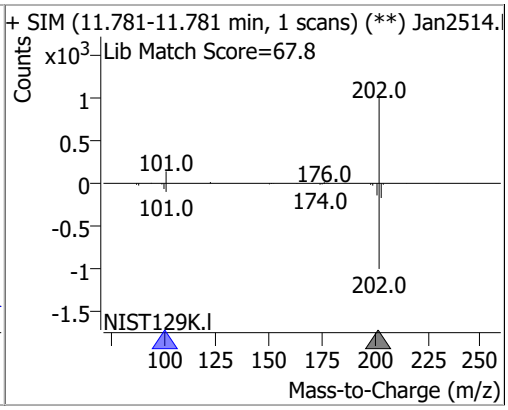




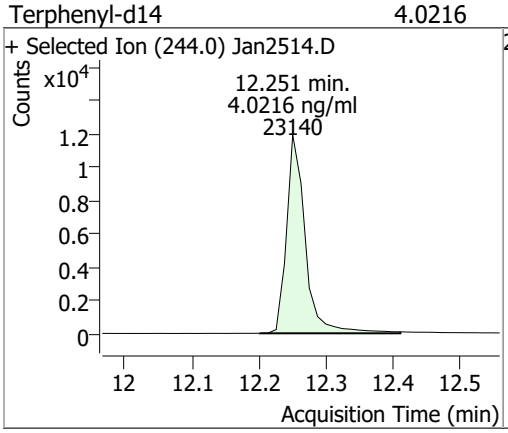
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	3.9630	11.78	-0.01	62090	101.0	14.8	10.7	20.0

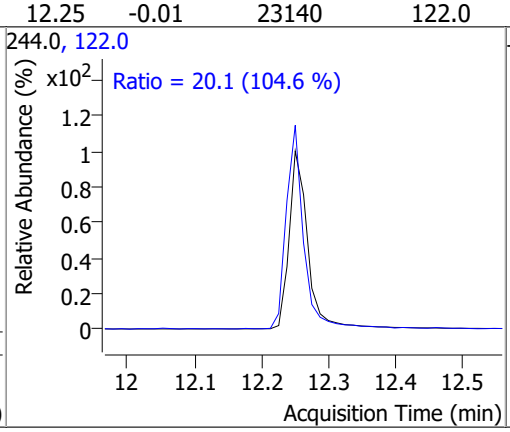


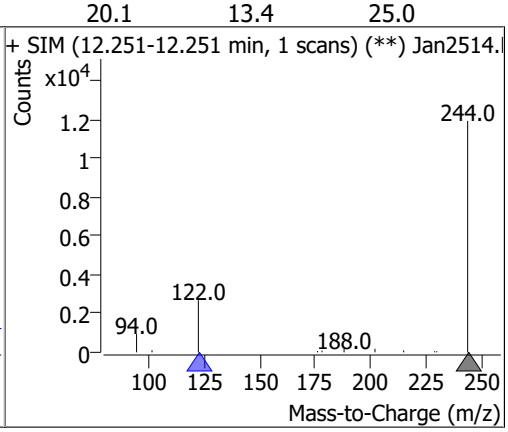




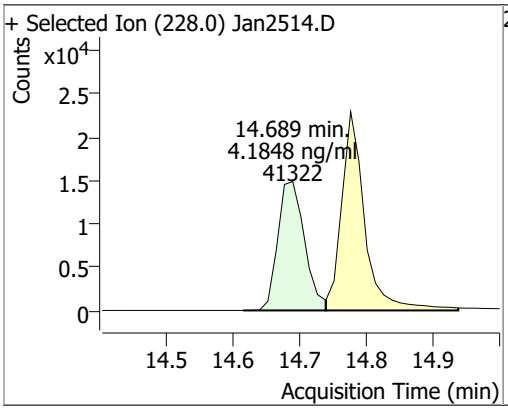
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	4.0216	12.25	-0.01	23140	122.0	20.1	13.4	25.0

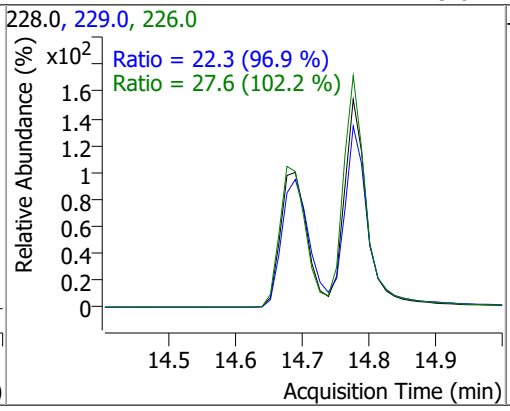


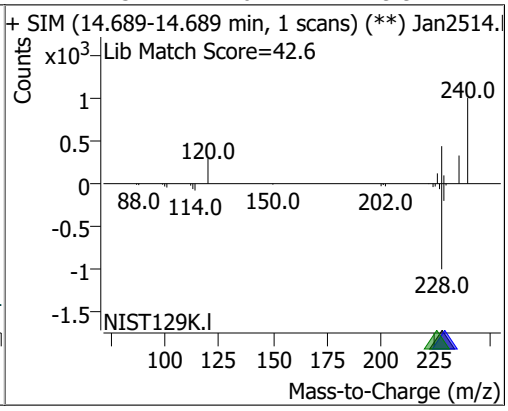




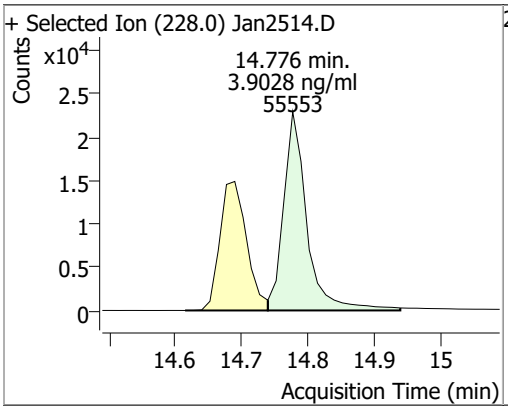
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	4.1848	14.69	-0.01	41322	226.0	27.6	18.9	35.1
					229.0	22.3	16.1	29.9

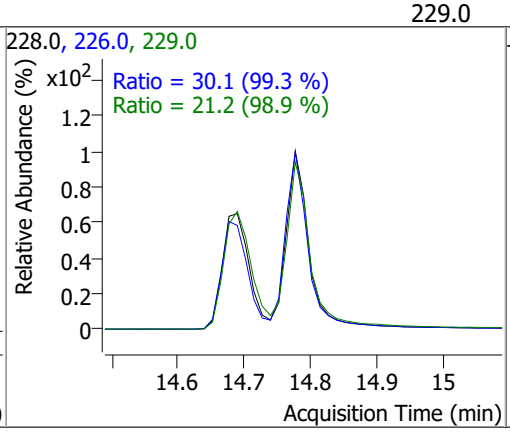


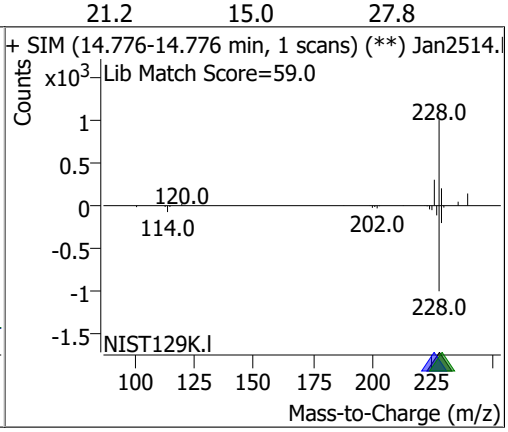




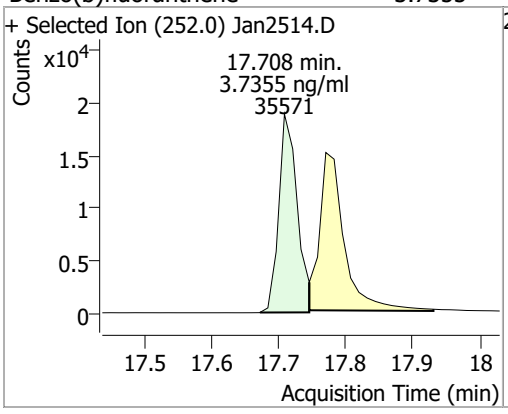
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	3.9028	14.78	-0.01	55553	226.0	30.1	21.2	39.4
					229.0	21.2	15.0	27.8

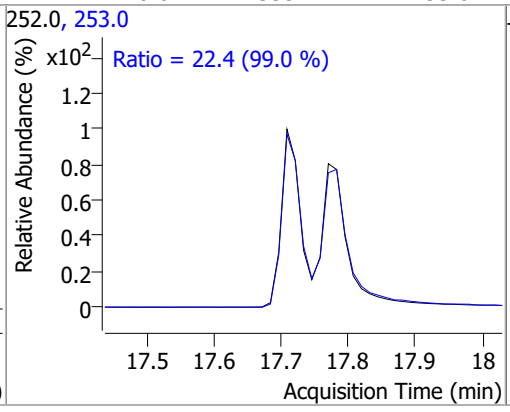


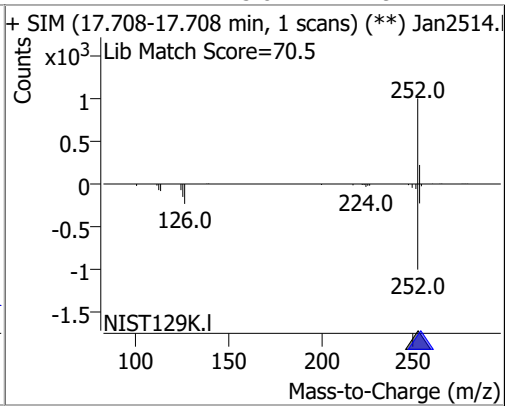




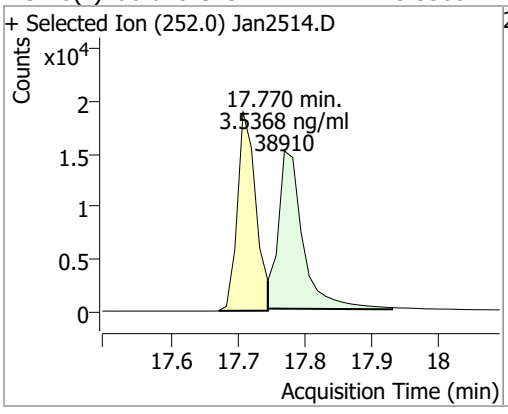
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	3.7355	17.71	-0.02	35571	253.0	22.4	15.8	29.4

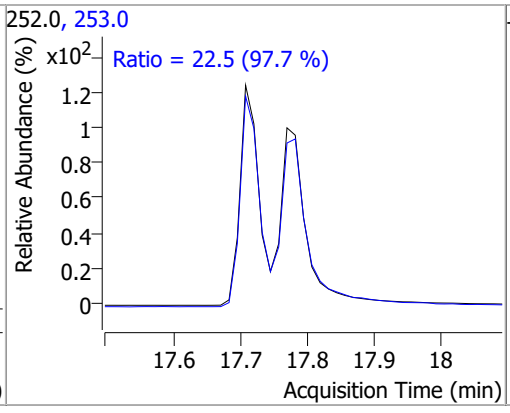


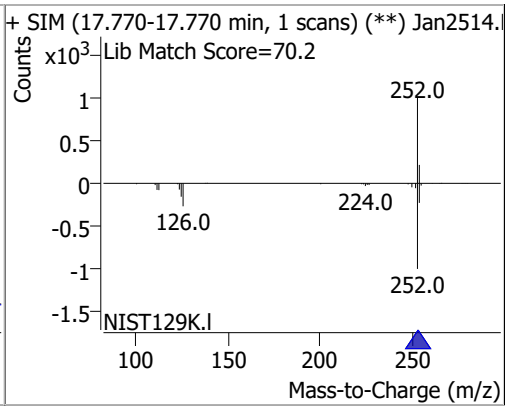




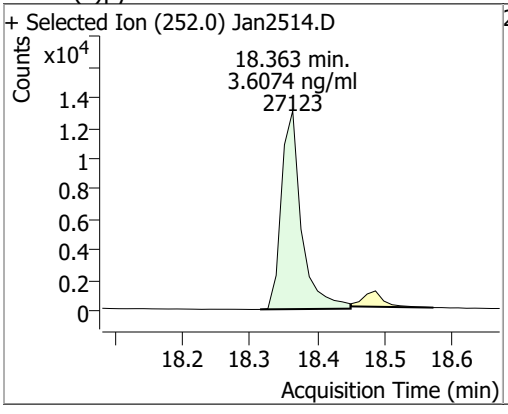
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	3.5368	17.77	-0.02	38910	253.0	22.5	16.1	29.9

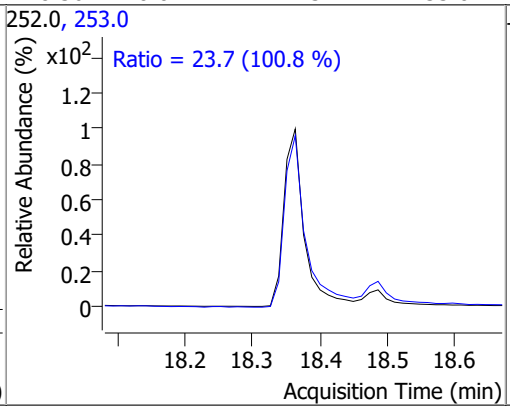


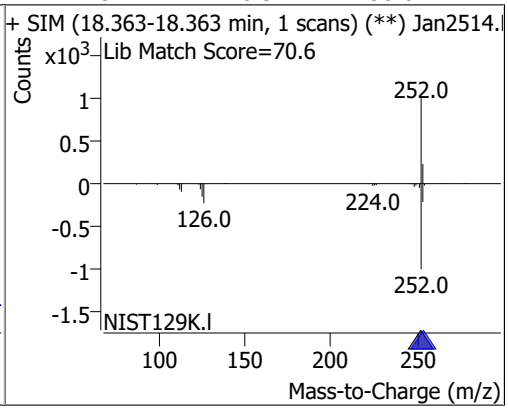




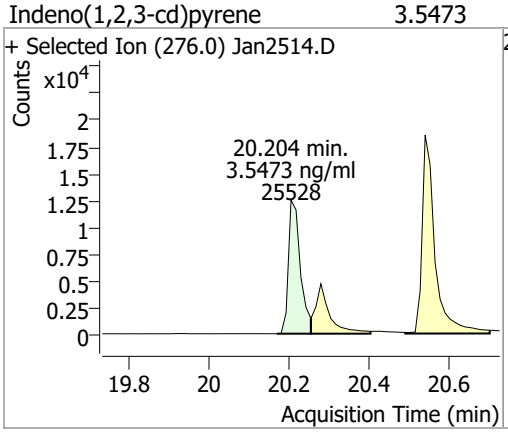
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	3.6074	18.36	-0.01	27123	253.0	23.7	16.5	30.6

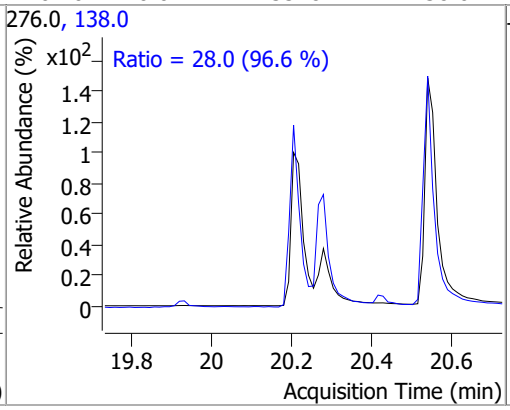


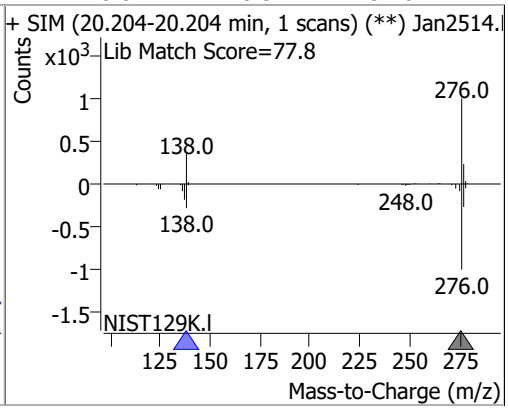




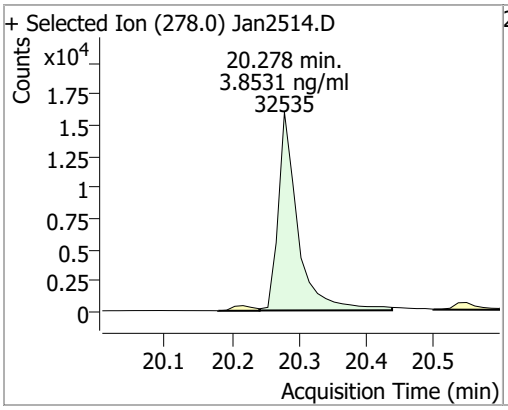
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	3.5473	20.20	-0.02	25528	138.0	28.0	20.3	37.6

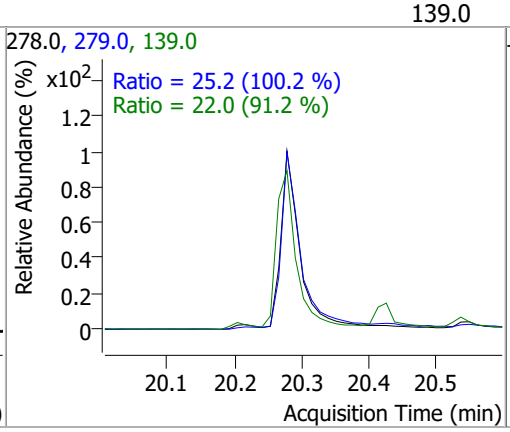


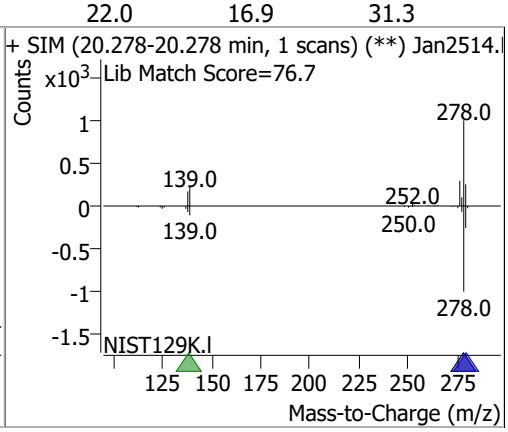




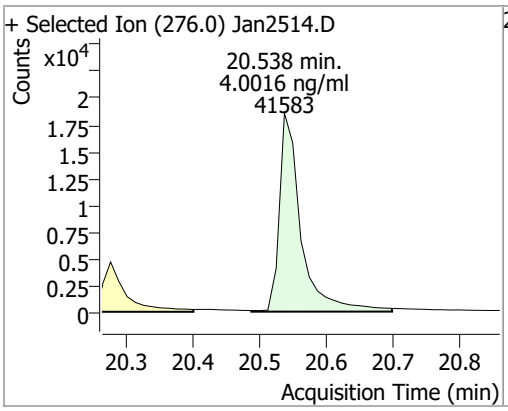
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	3.8531	20.28	-0.02	32535	279.0	25.2	17.6	32.7
					139.0	22.0	16.9	31.3

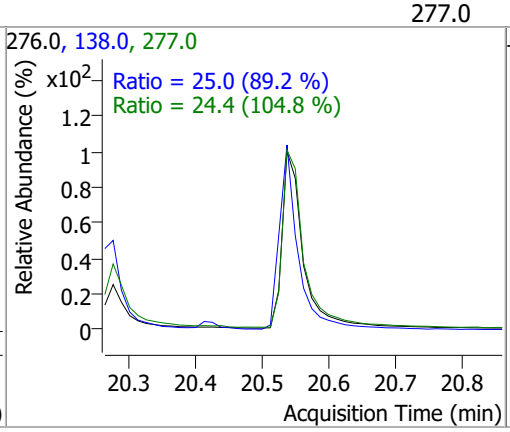


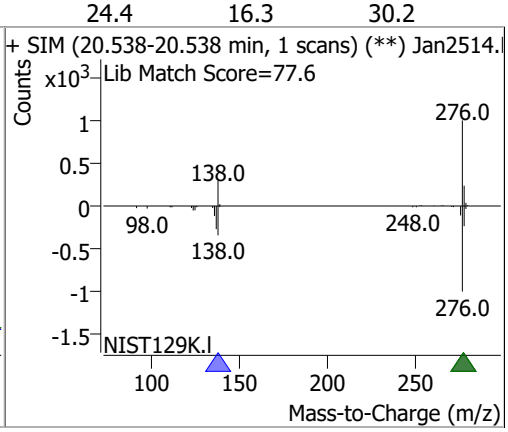




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	4.0016	20.54	-0.02	41583	138.0	25.0	19.6	36.5
					277.0	24.4	16.3	30.2



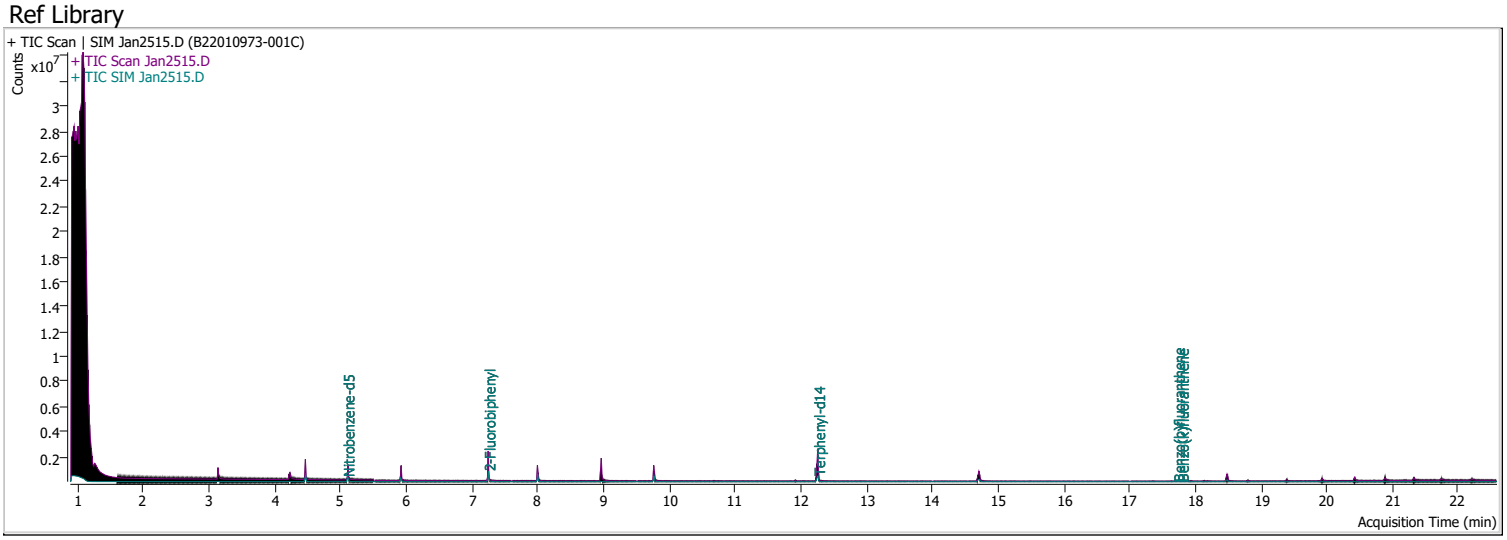




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

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			

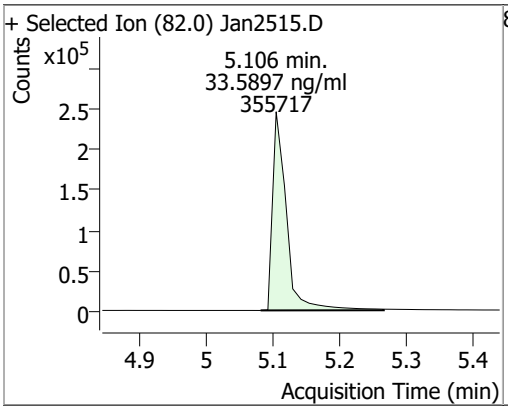


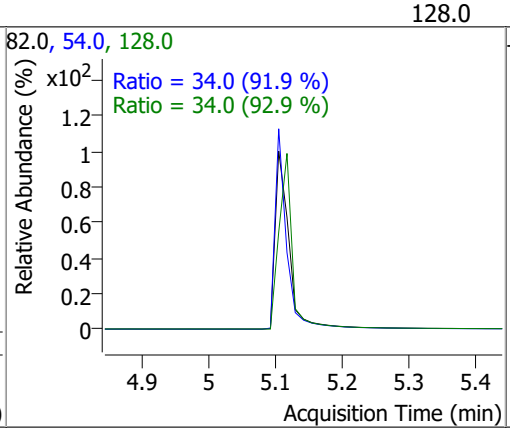
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	209479	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	355670	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.000	164.0	211000	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	415808	40.0000	ng/ml		-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
System Monitoring Compounds							
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%		*	
Target Compounds							**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	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

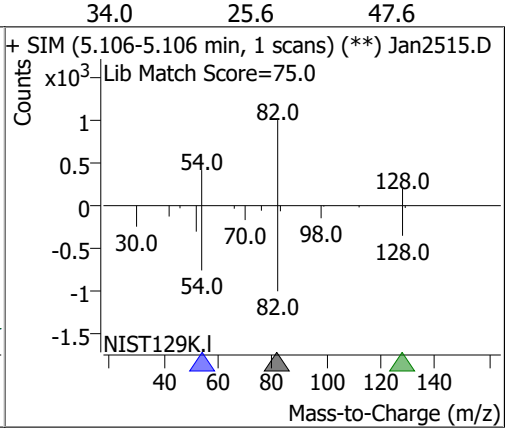
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T Benzo(k)fluoranthene	17.795	252.0	379	0.0274	ng/ml	m	90
T Benzo(a)pyrene	18.376	252.0	0		ng/ml	md	1
T Indeno(1,2,3-cd)pyrene	20.229	276.0	0		ng/ml	md	1
T Dibenzo(a,h)anthracene	0.000		0	N.D.			
T Benzo(g,h,i)perylene	0.000		0	N.D.			

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

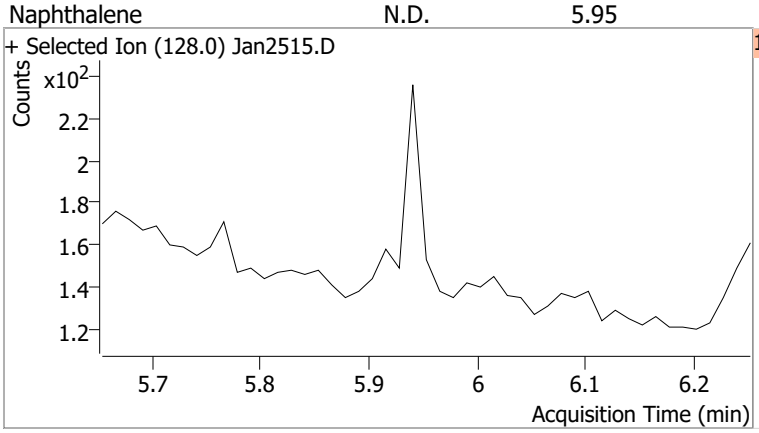
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	33.5897	5.11	-0.04	355717	54.0	34.0	25.9	48.1
					128.0	34.0	25.6	47.6

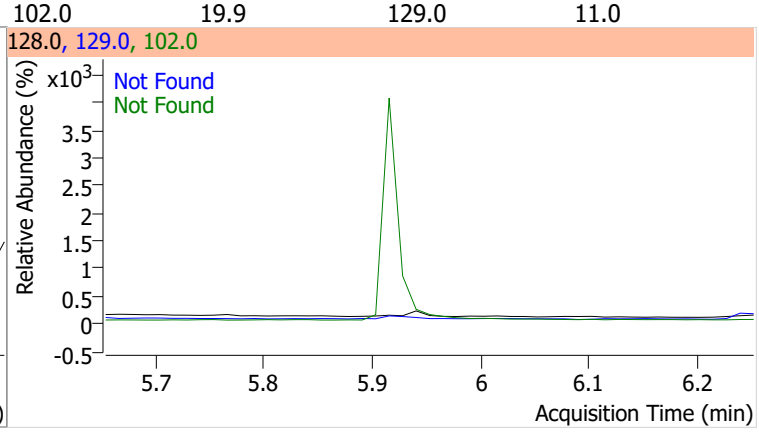




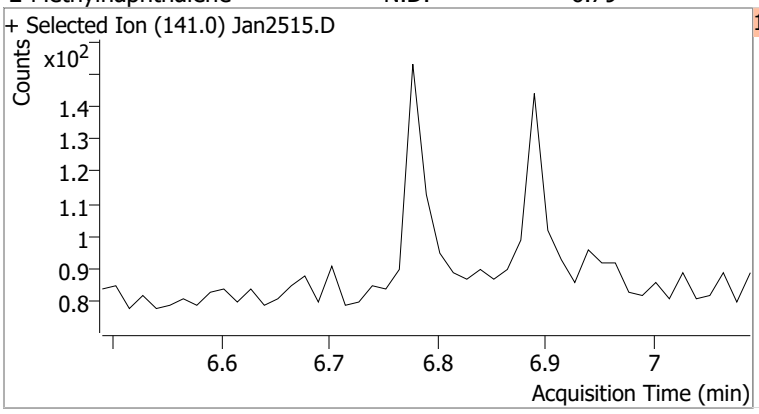


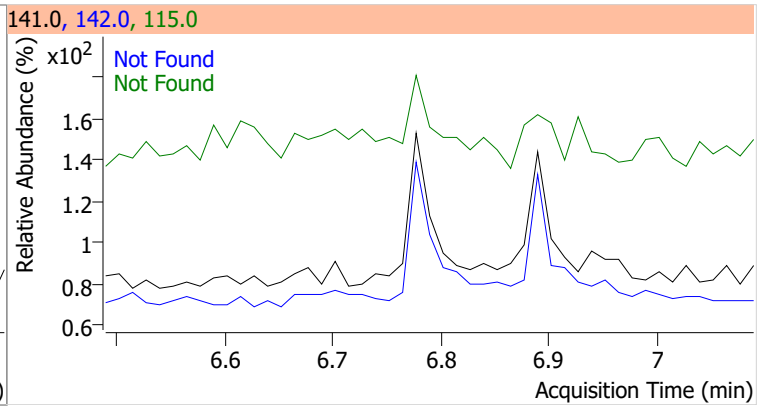
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



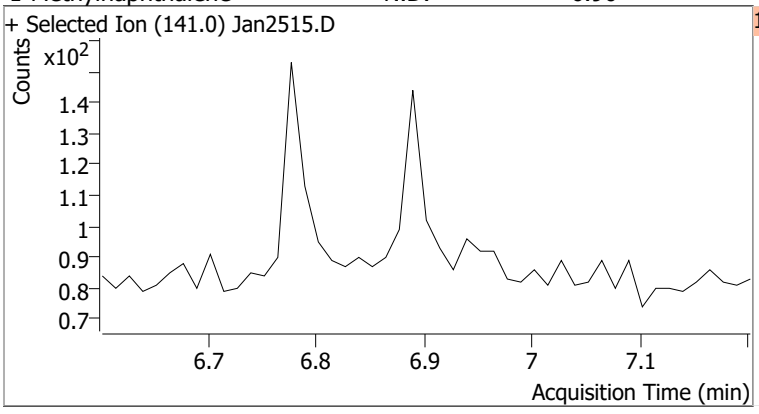


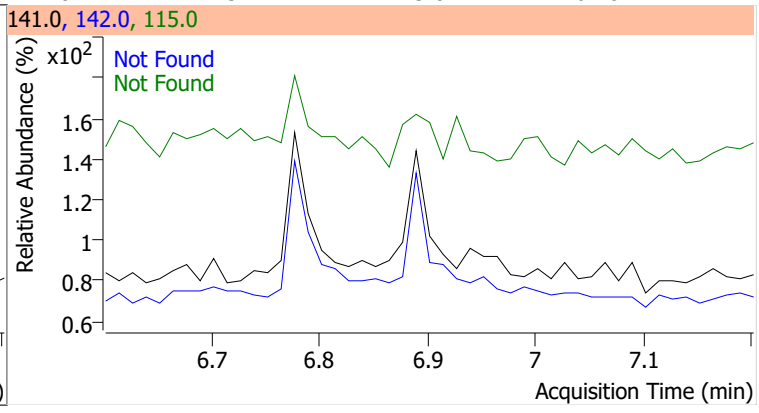
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



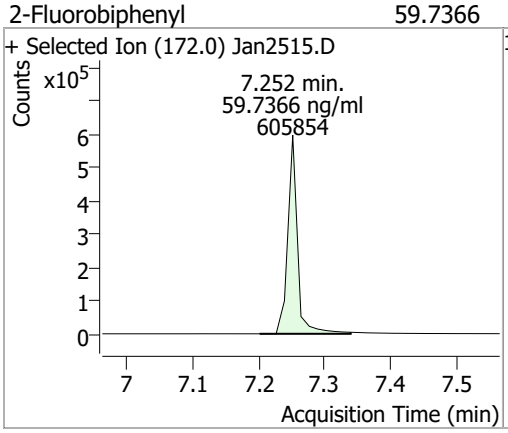


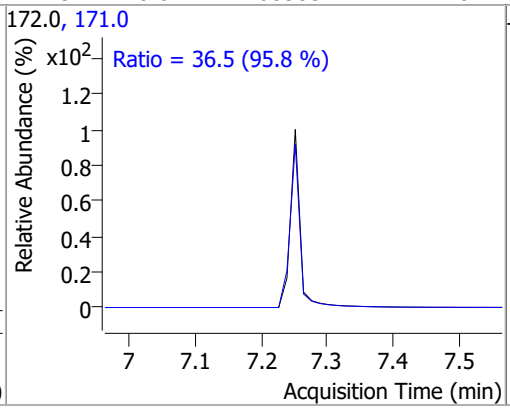
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

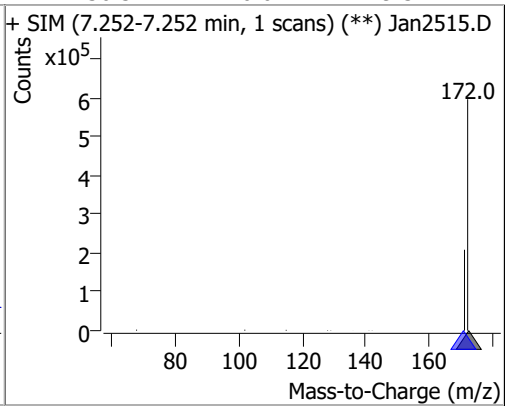




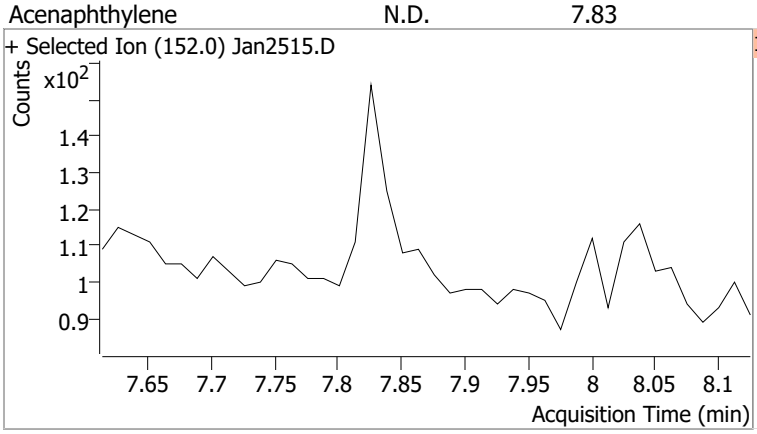
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	59.7366	7.25	-0.01	605854	171.0	36.5	26.6	49.5

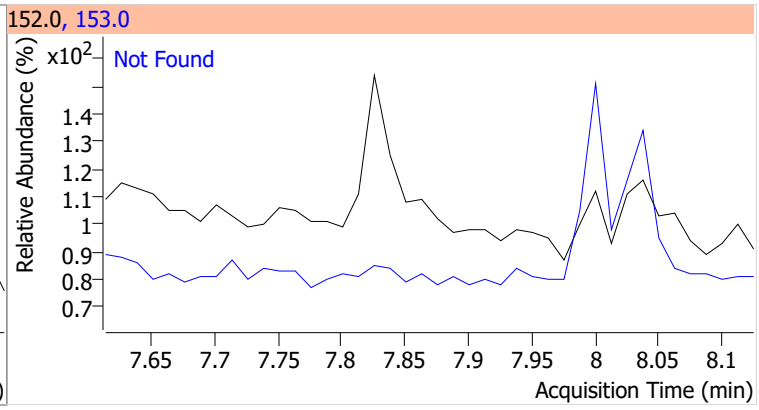




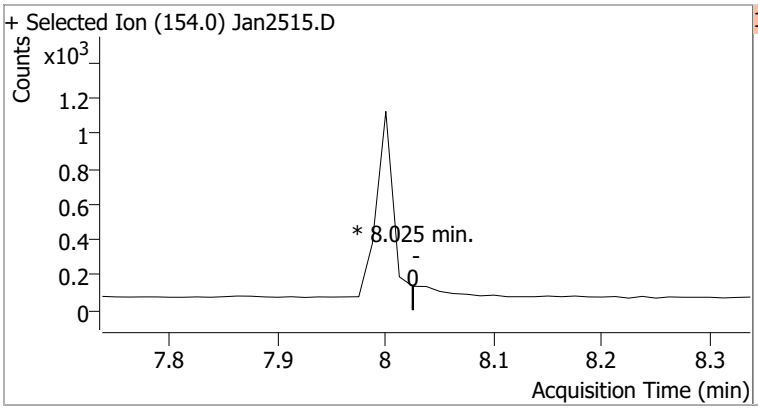


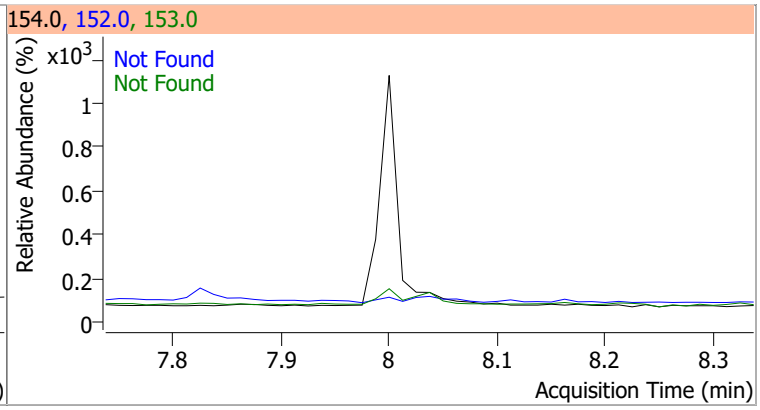
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



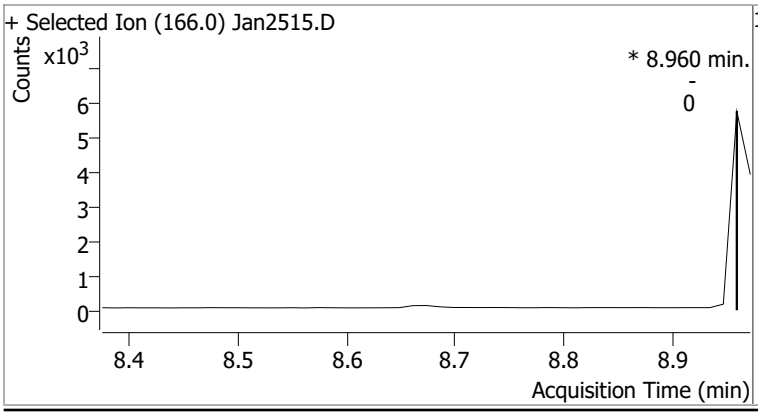


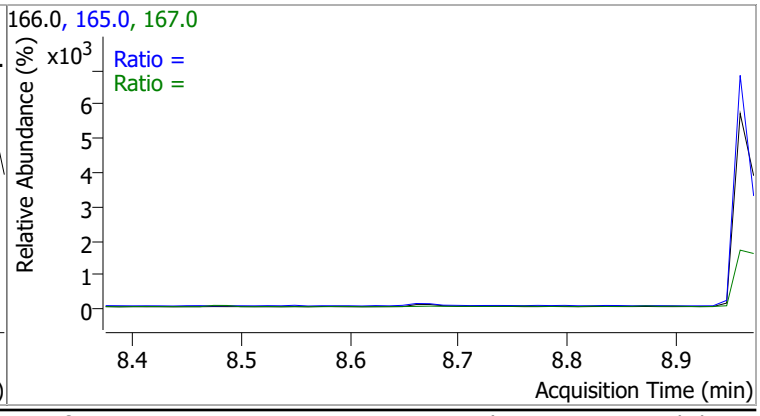
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1



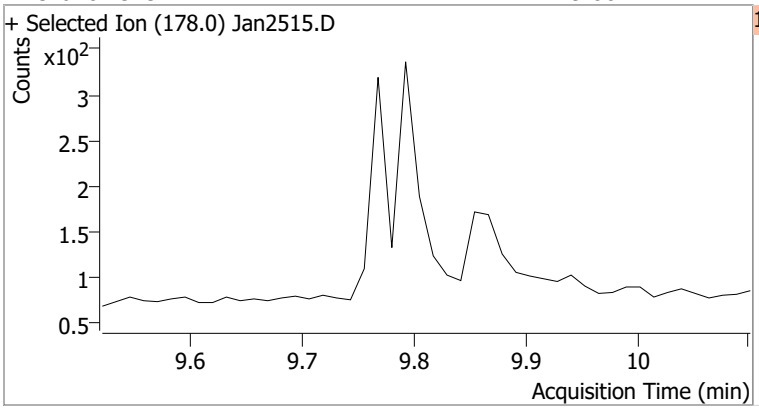


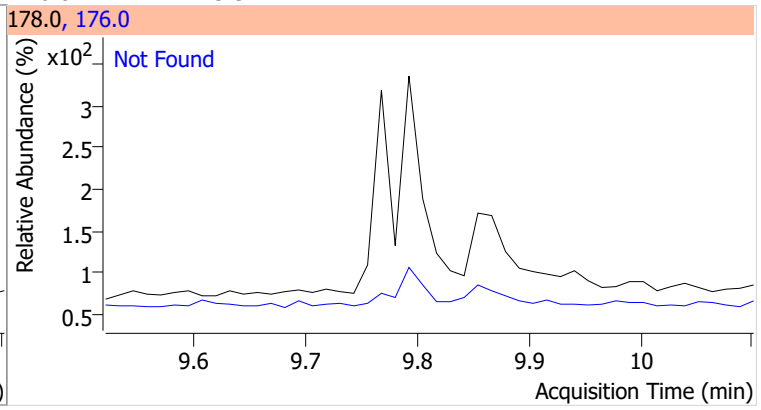
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		69.1	128.3
					167.0		9.7	18.0



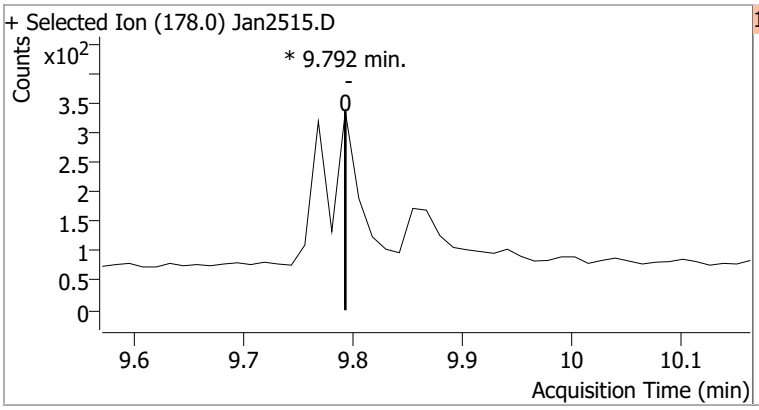


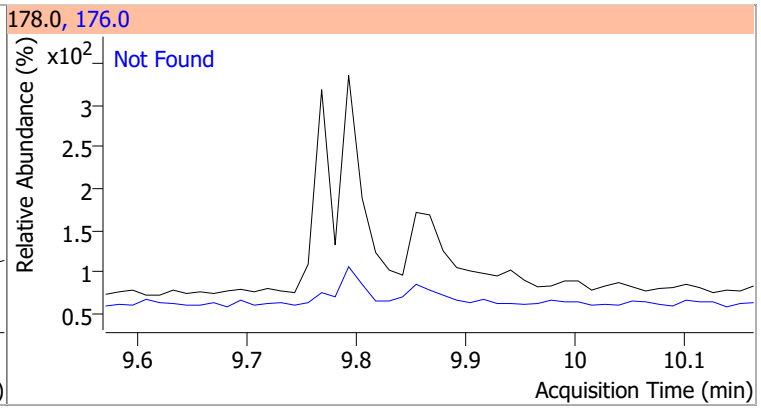
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



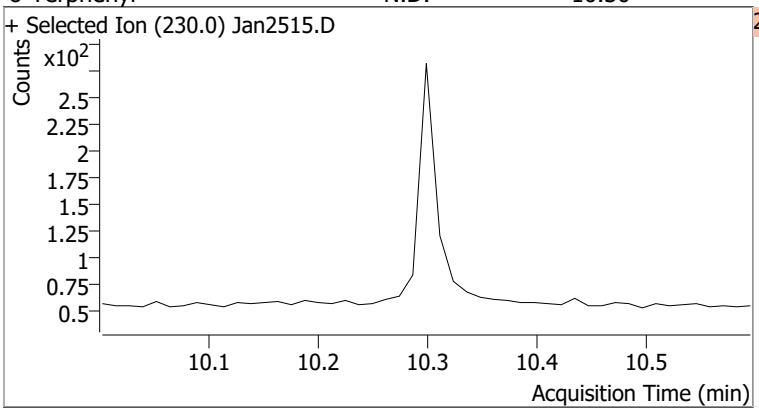


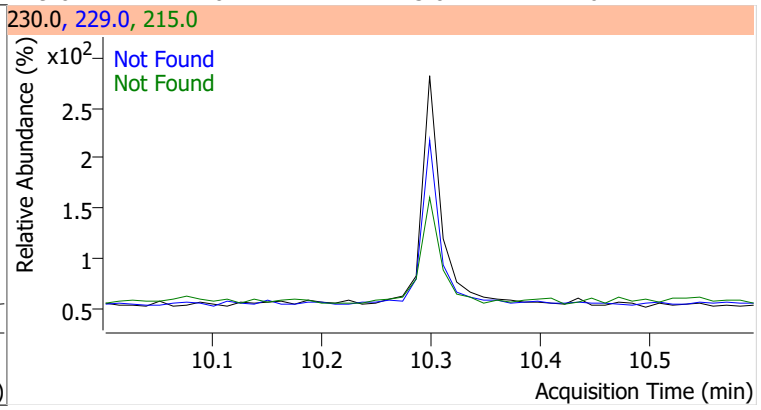
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene		0		0	176.0		12.7	23.5



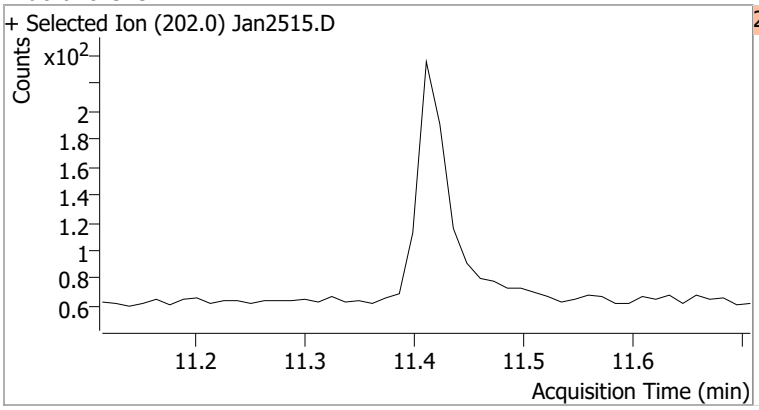


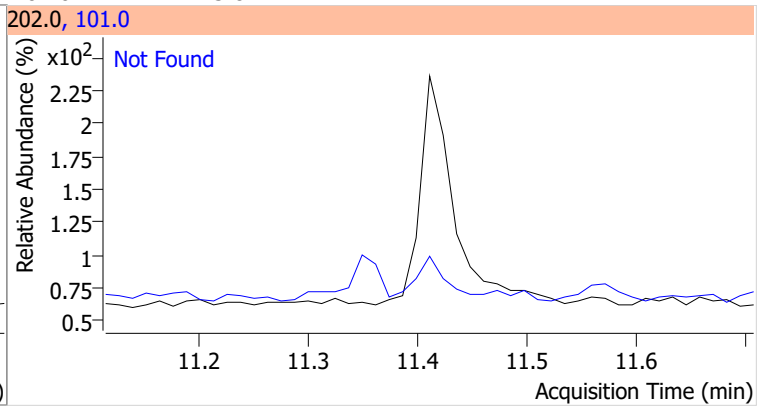
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	70.2	215.0	46.7



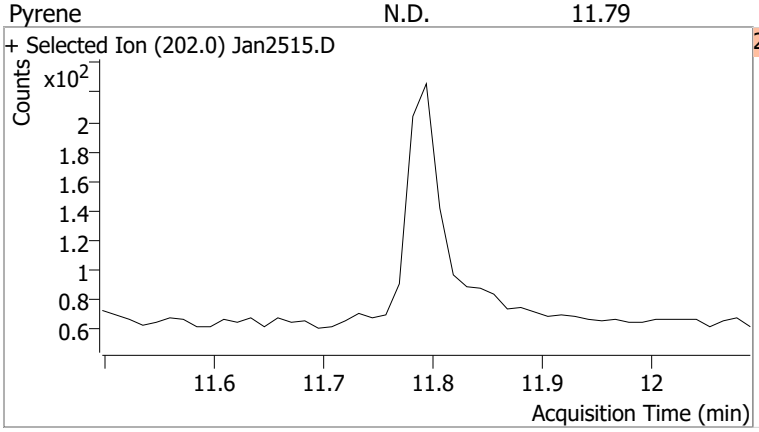


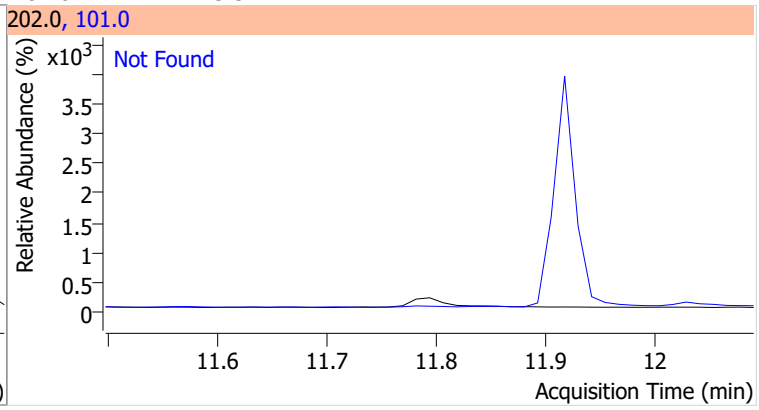
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8



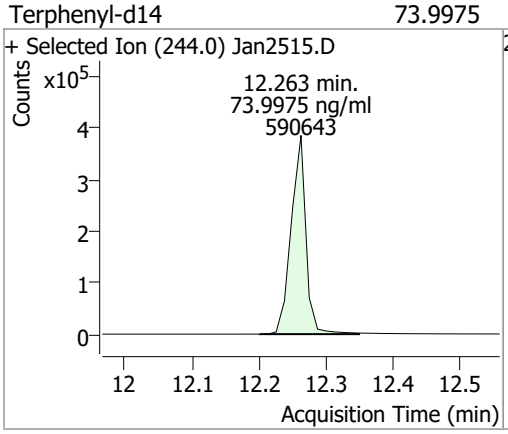


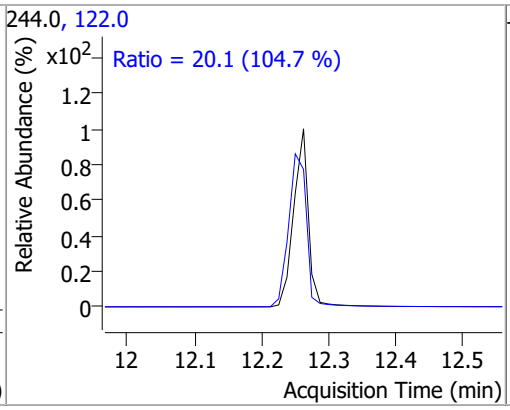
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.79	101.0	15.3

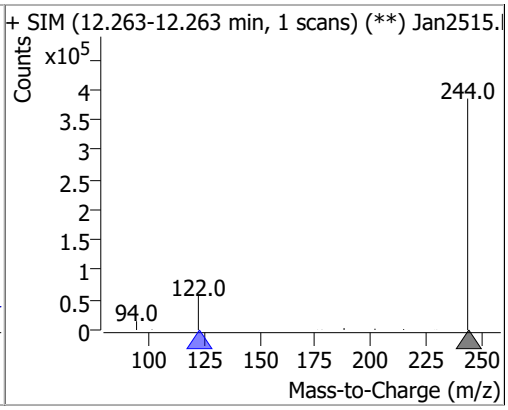




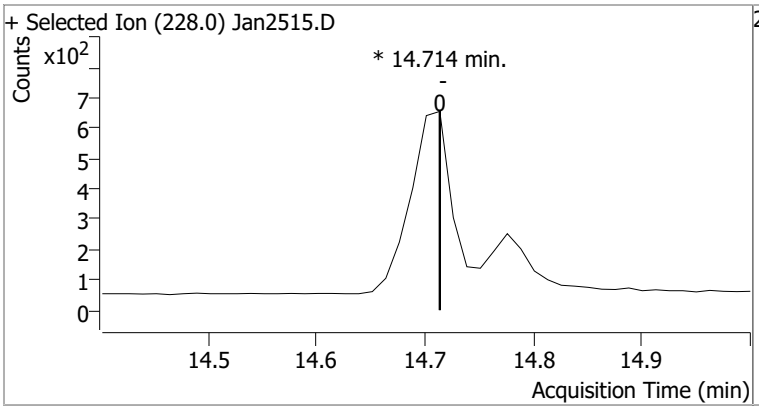
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	73.9975	12.26	0.00	590643	122.0	20.1	13.4	25.0

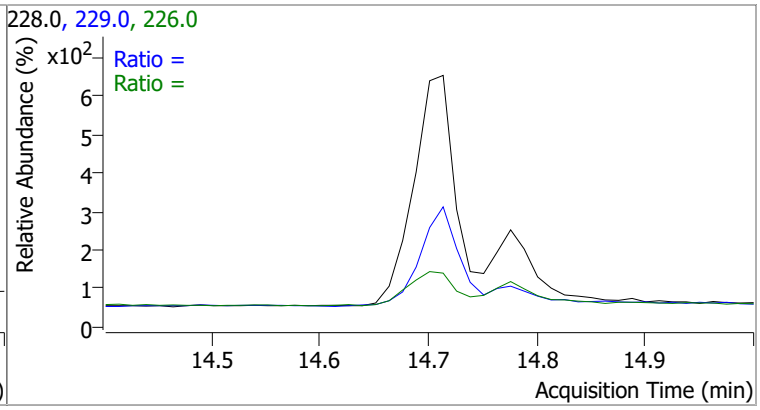




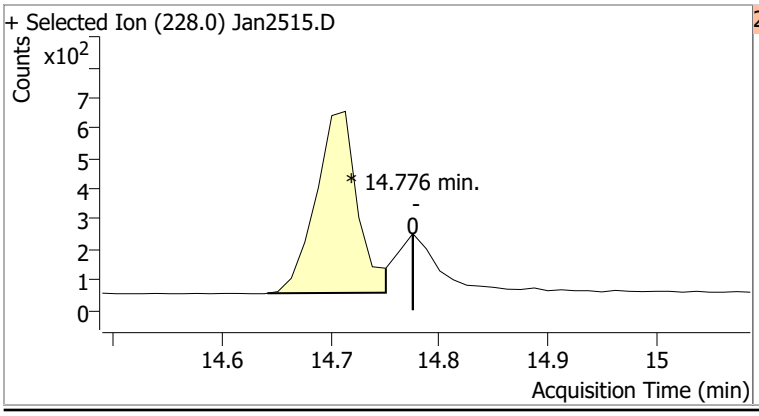


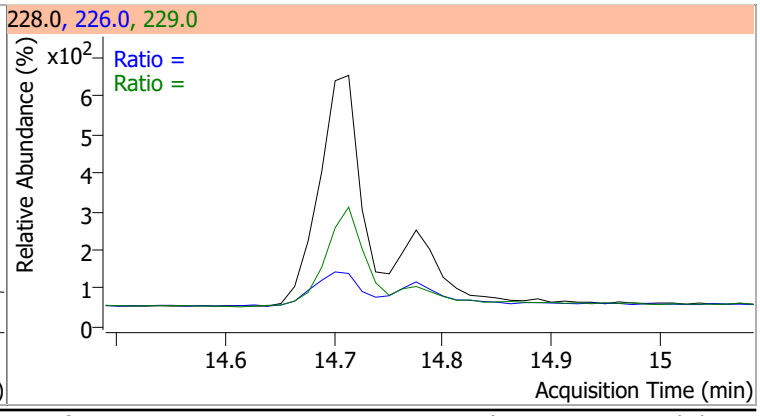
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene		0		0	226.0		18.9	35.1
					229.0		16.1	29.9



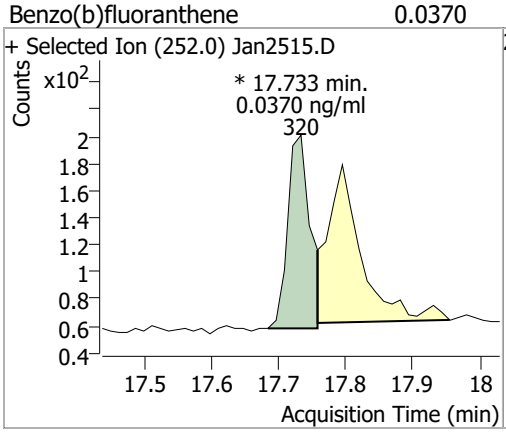


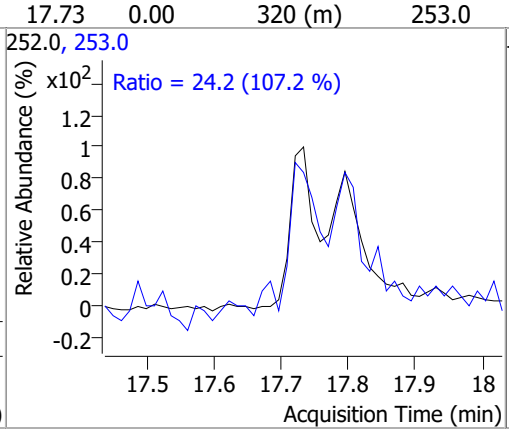
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene		0		0	226.0		21.2	39.4
					229.0		15.0	27.8

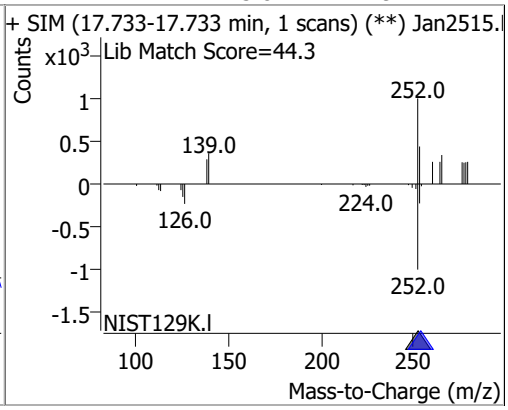




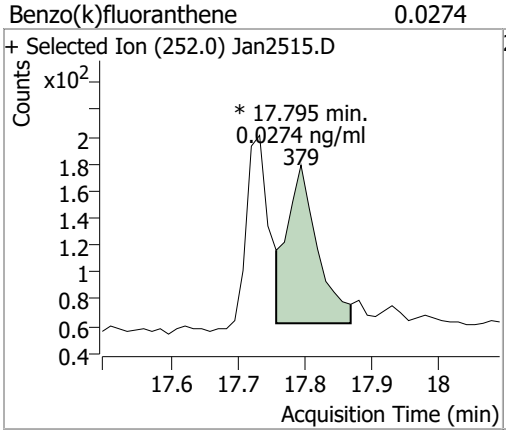
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	0.0370	17.73	0.00	320 (m)	253.0	24.2	15.8	29.4

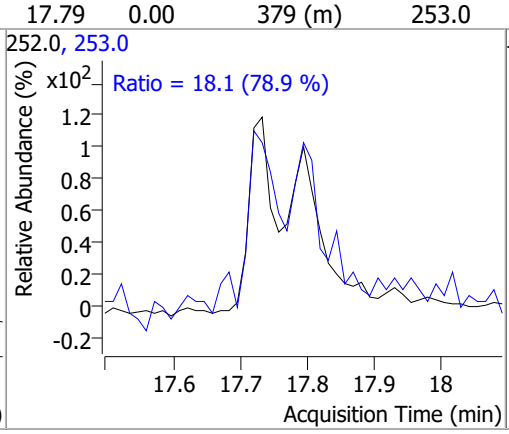


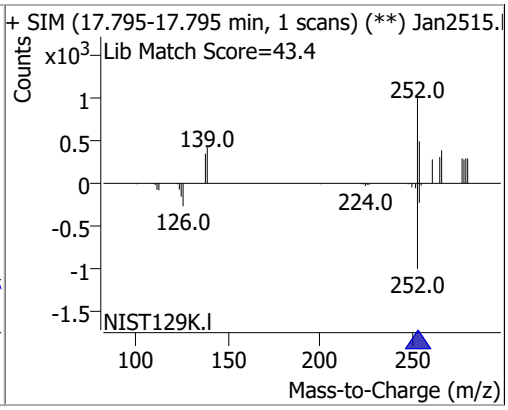




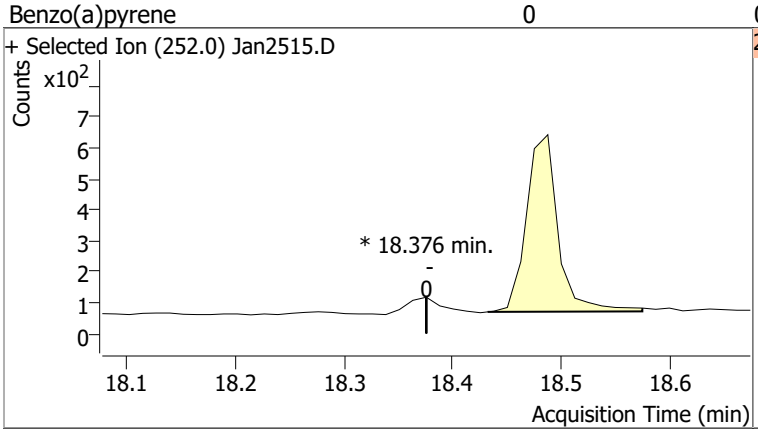
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	0.0274	17.79	0.00	379 (m)	253.0	18.1	16.1	29.9

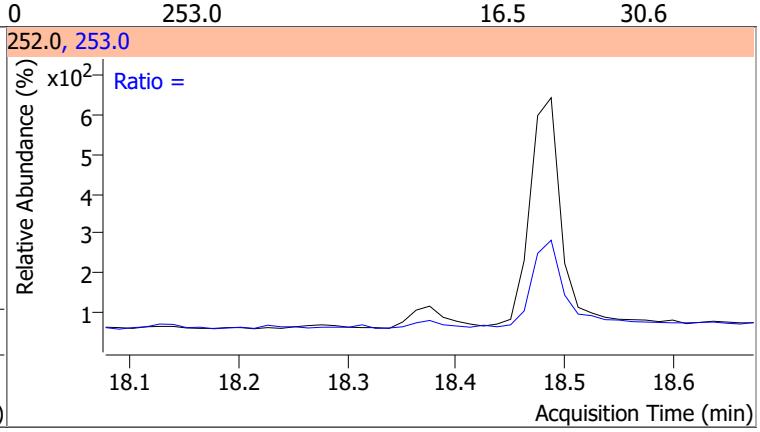




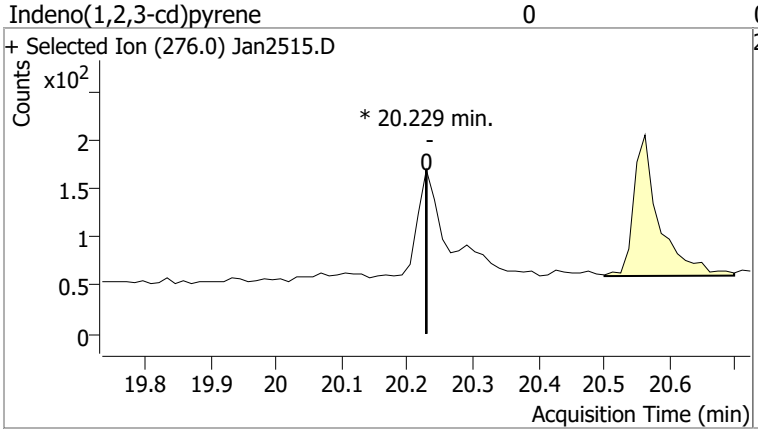


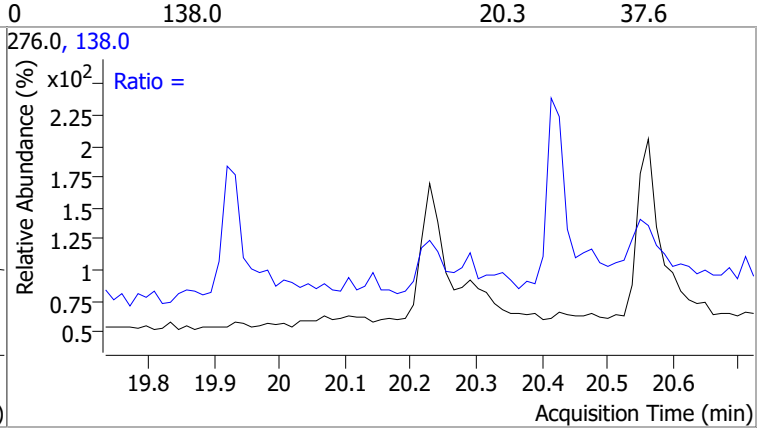
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



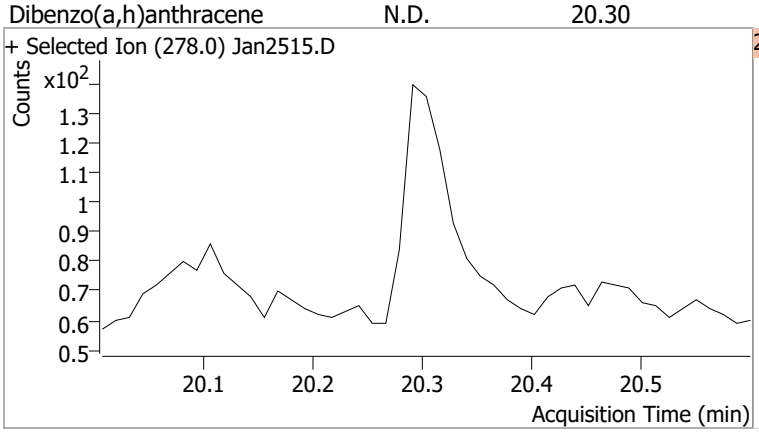


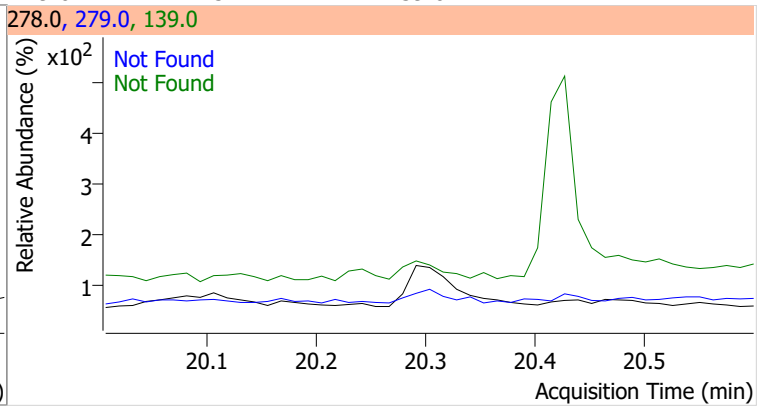
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene		0		0	138.0		20.3	37.6



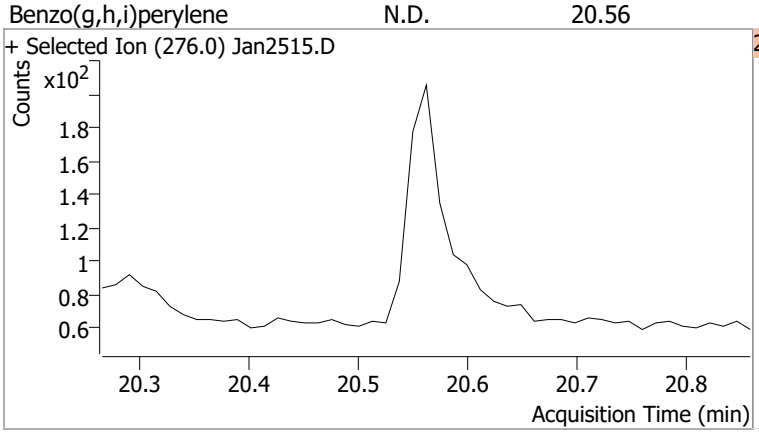


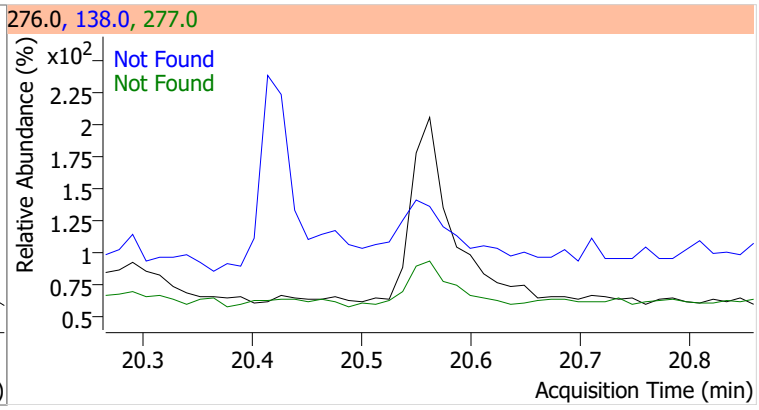
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1





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

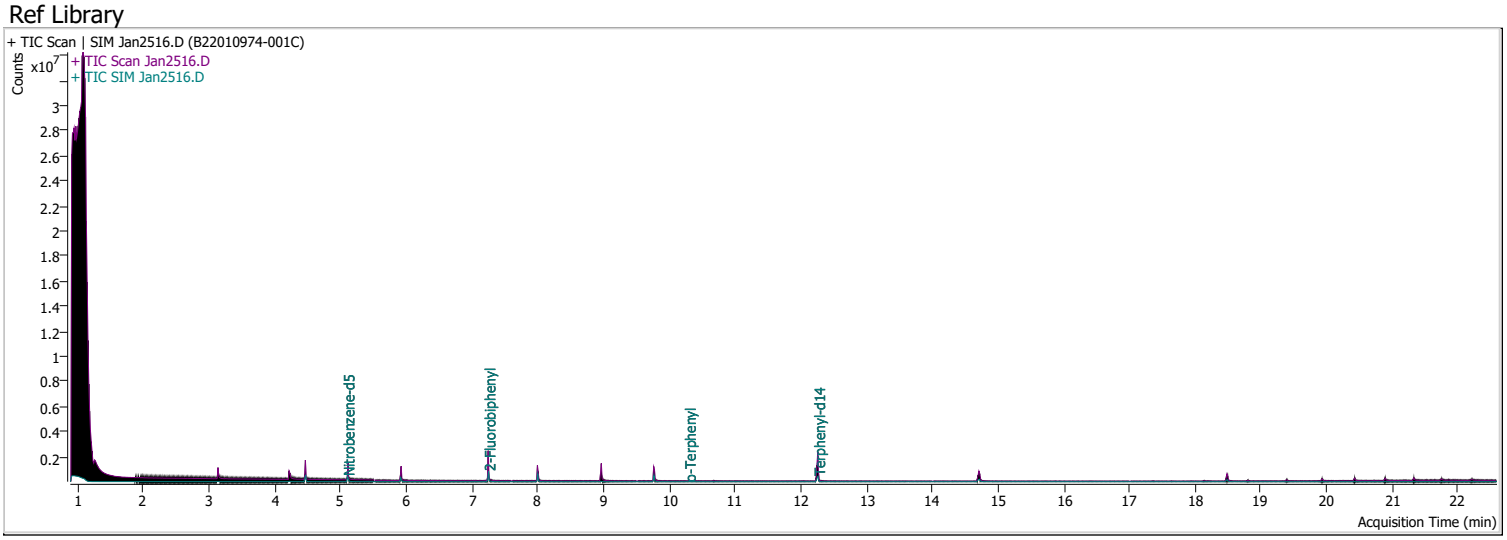




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

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			

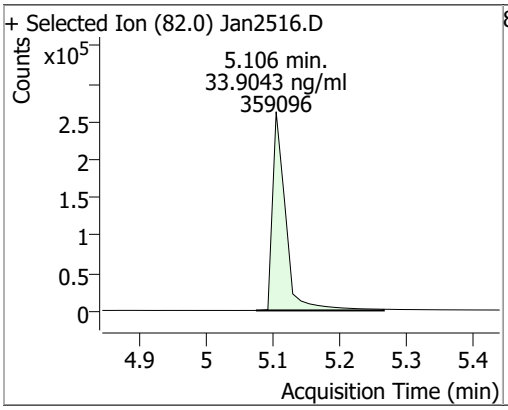


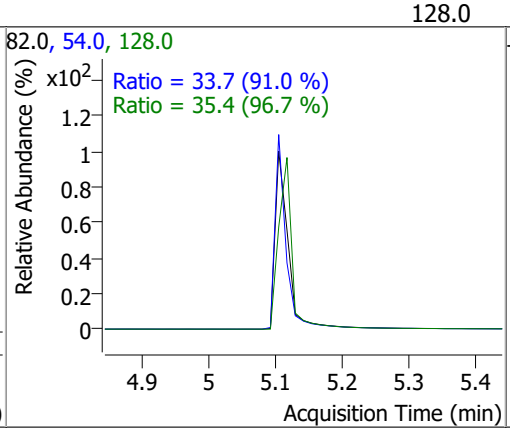
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	208219	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	355010	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.001	164.0	216368	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	429956	40.0000	ng/ml		-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
System Monitoring Compounds							
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%		*	
Target Compounds							**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	8.038	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.			

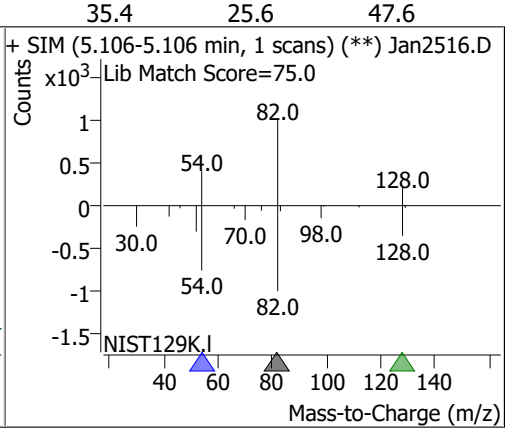
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.			
T Benzo(a)pyrene	18.376	252.0	0		ng/ml	md	1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.			
T Dibenzo(a,h)anthracene	0.000		0	N.D.			
T Benzo(g,h,i)perylene	0.000		0	N.D.			

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

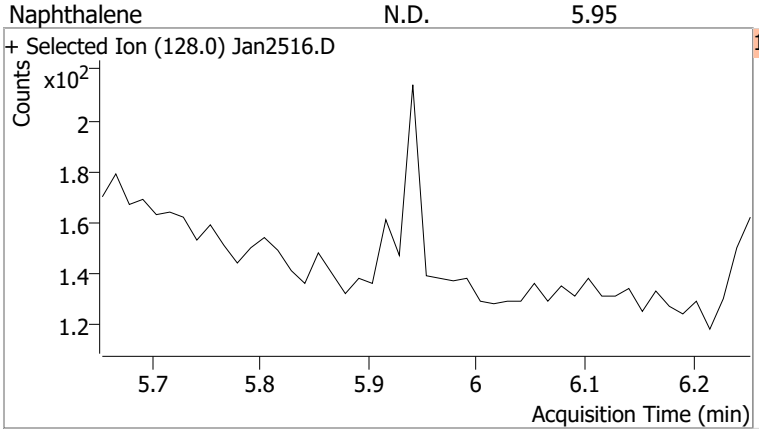
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	33.9043	5.11	-0.04	359096	54.0	33.7	25.9	48.1
					128.0	35.4	25.6	47.6

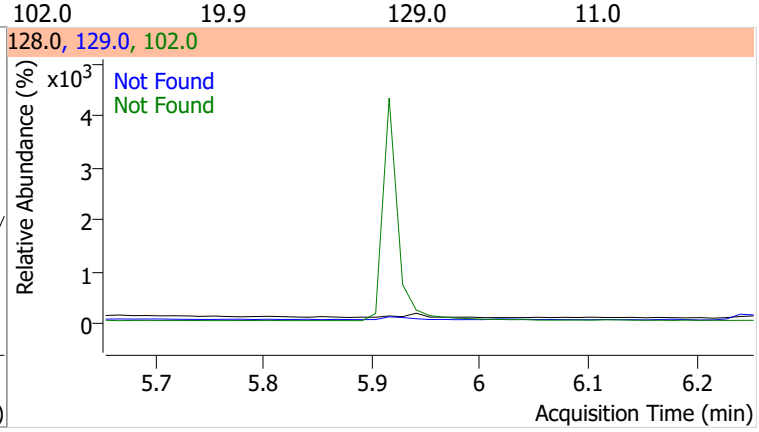




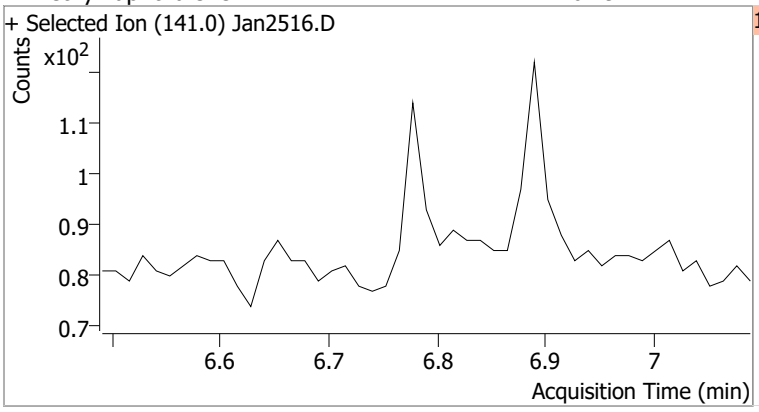


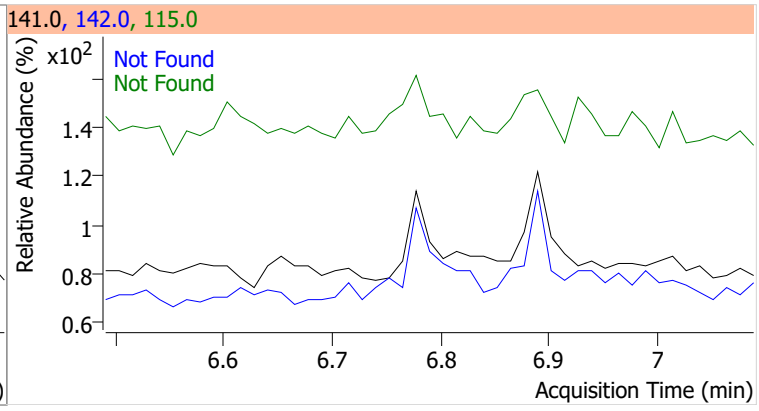
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



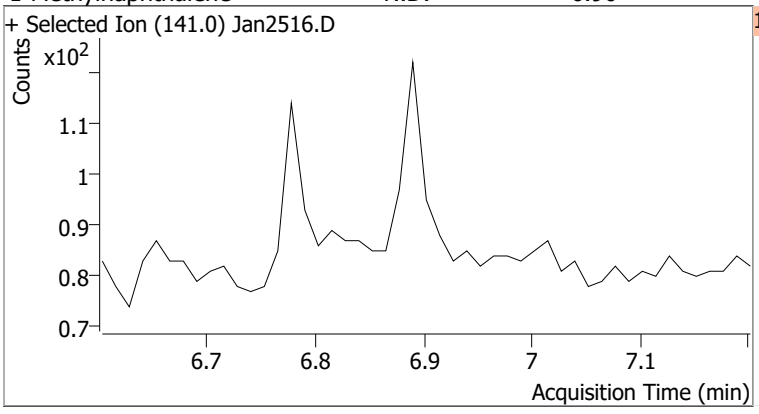


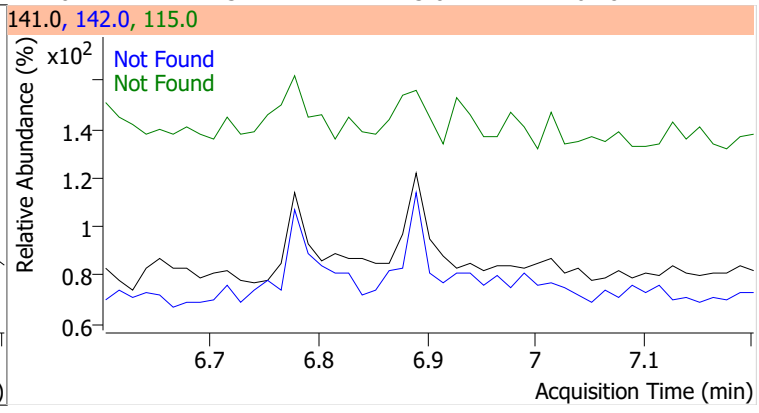
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



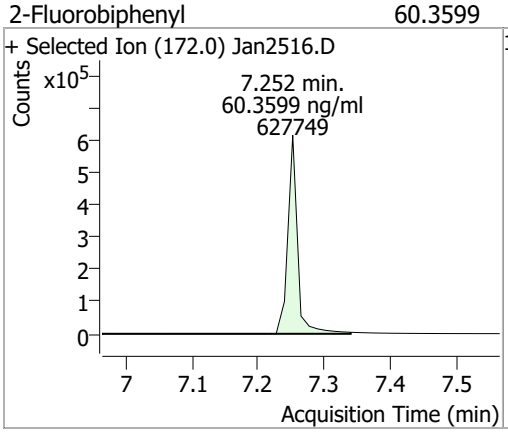


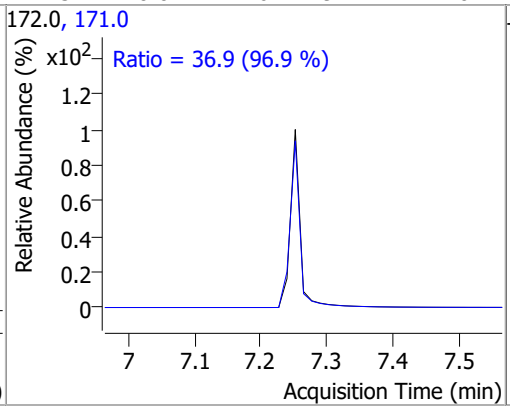
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

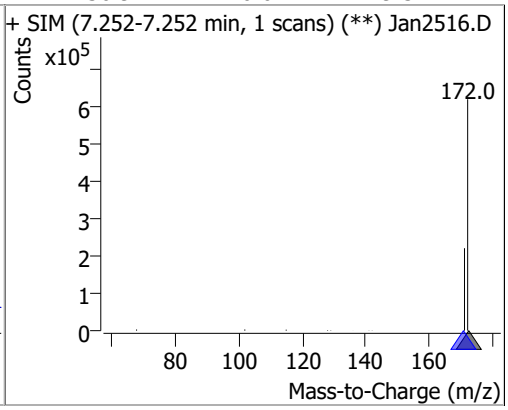




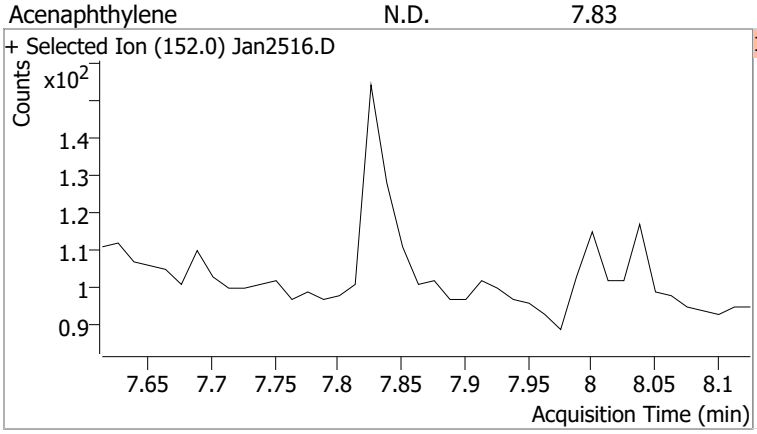
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	60.3599	7.25	-0.01	627749	171.0	36.9	26.6	49.5

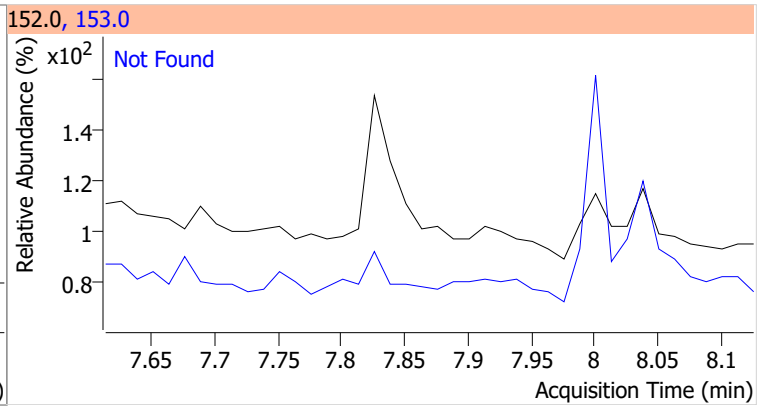




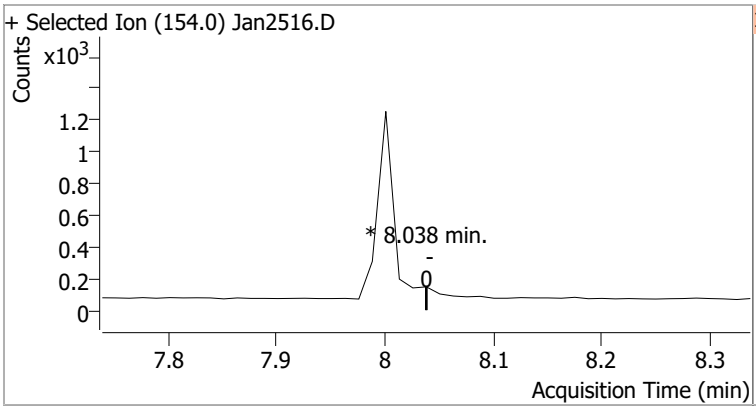


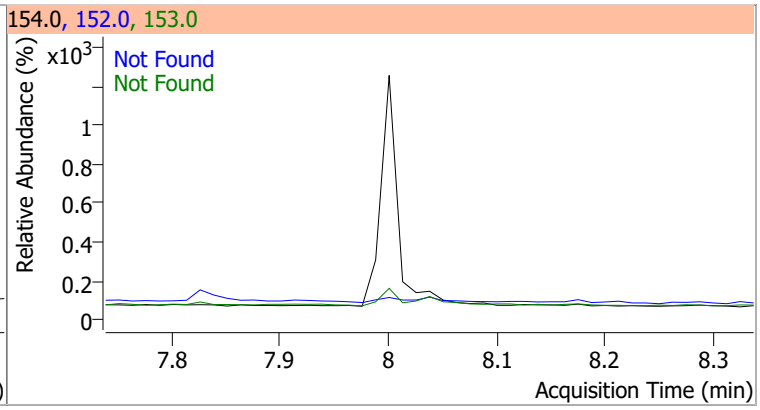
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



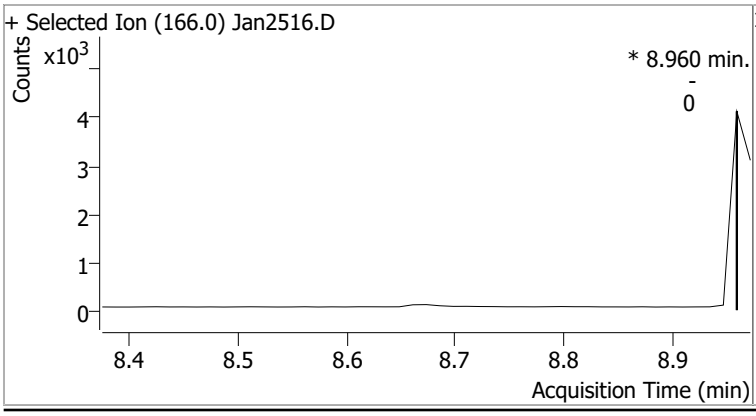


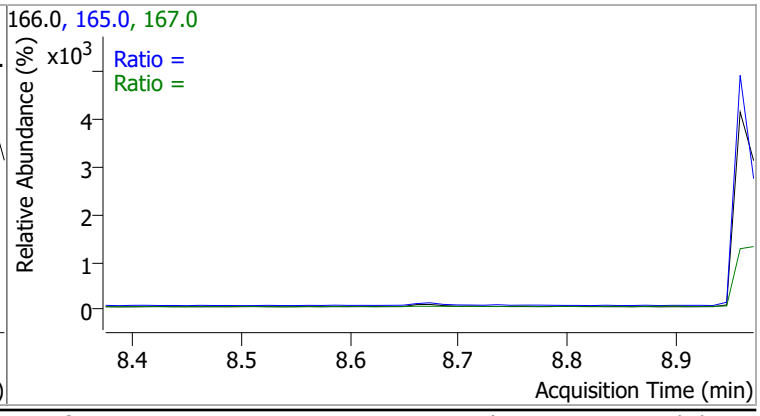
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1



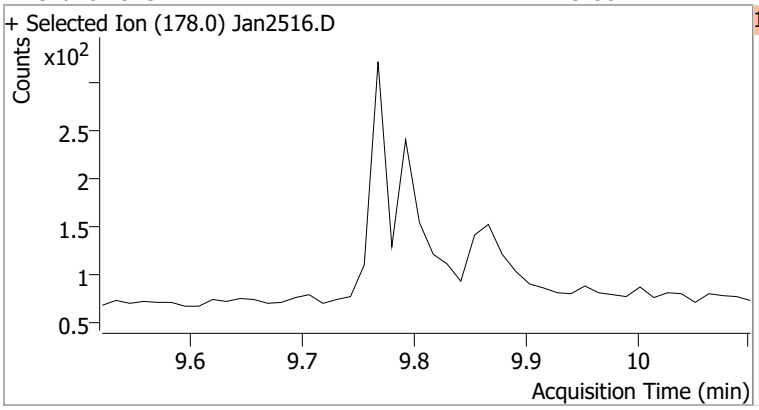


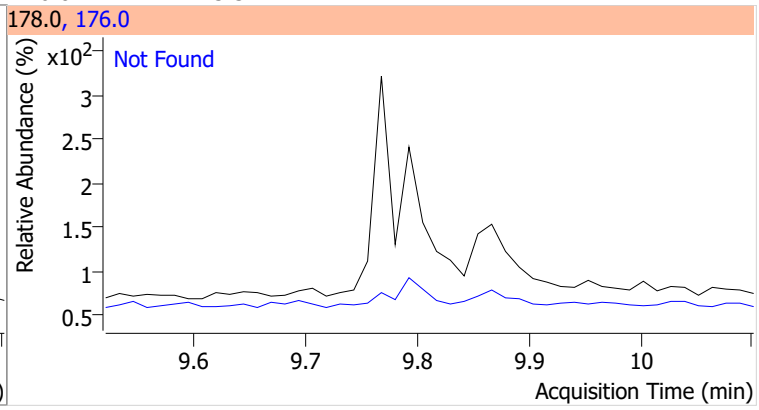
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		69.1	128.3
					167.0		9.7	18.0



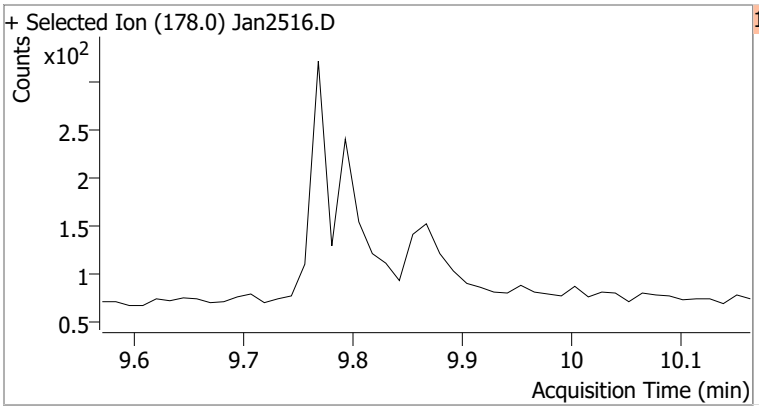


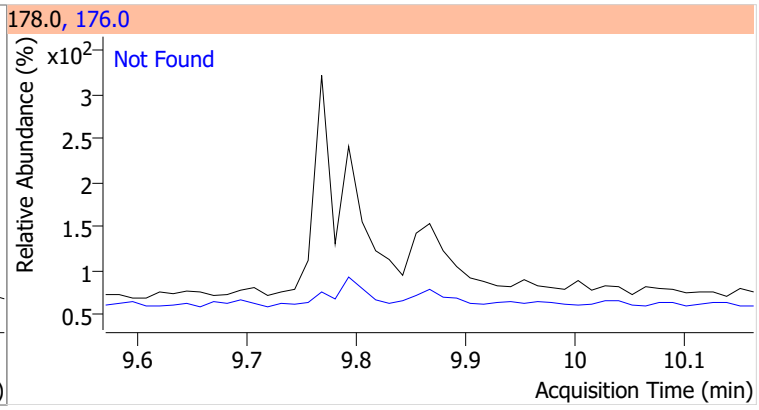
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



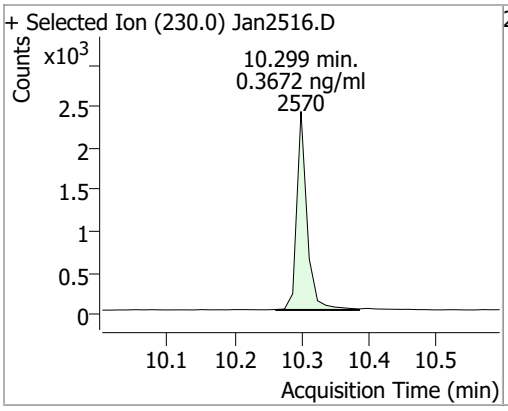


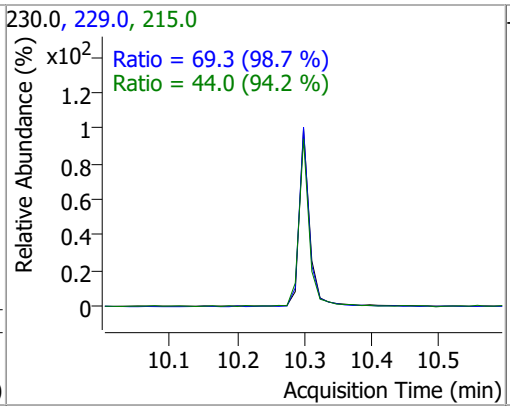
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.87	176.0	18.1

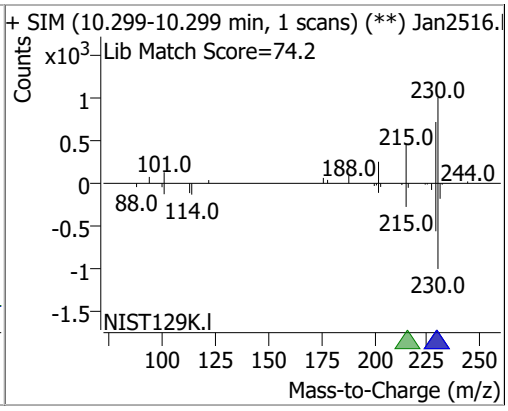




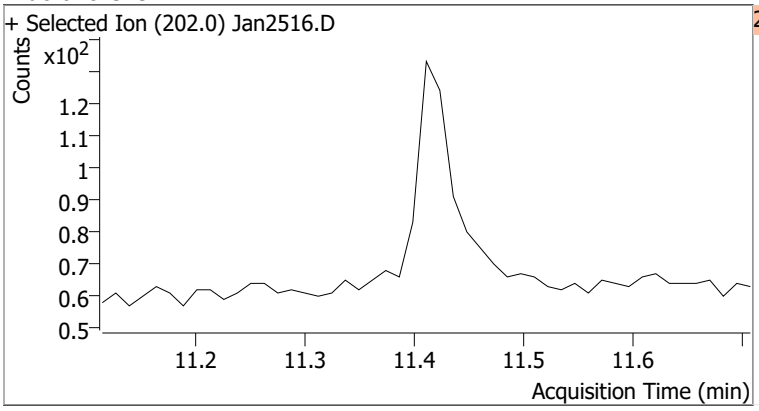
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.3672	10.30	0.00	2570	229.0	69.3	49.2	91.3
					215.0	44.0	32.7	60.7

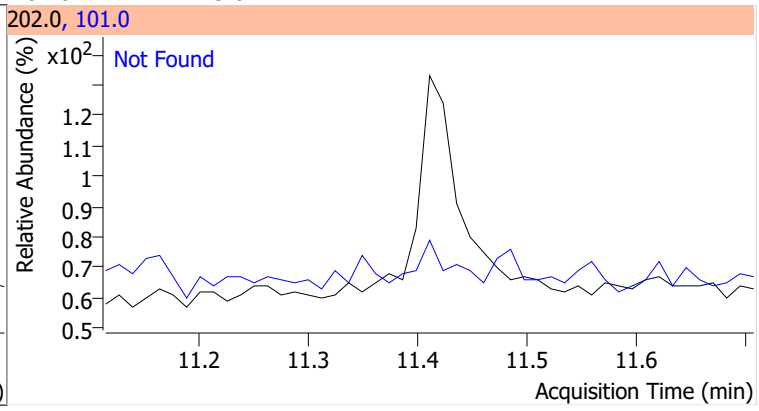




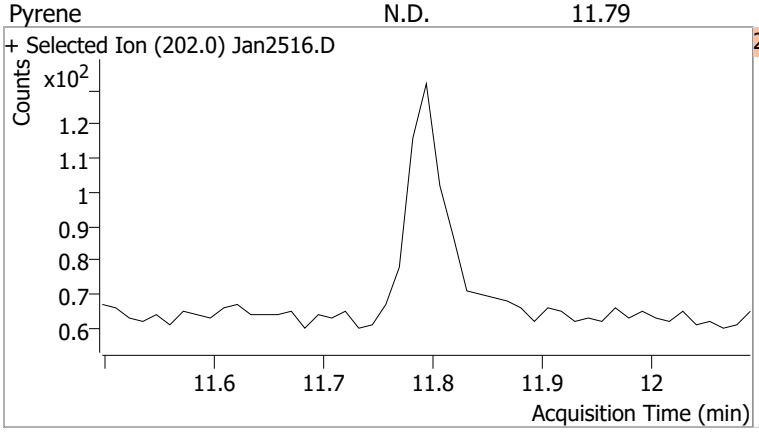


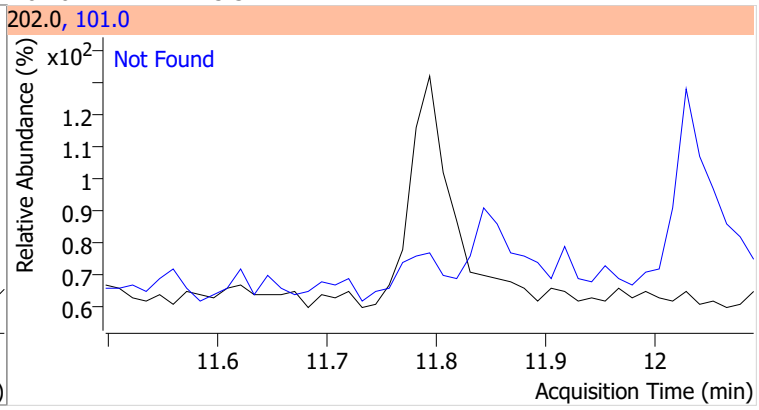
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8



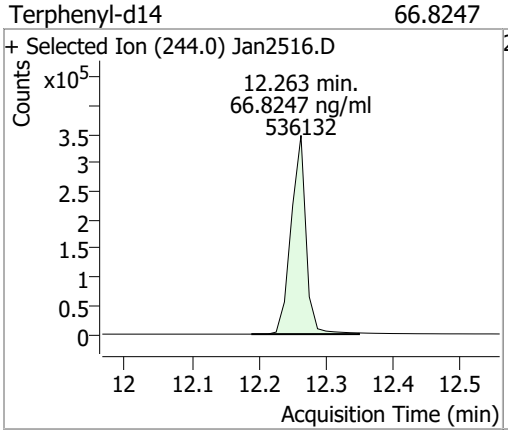


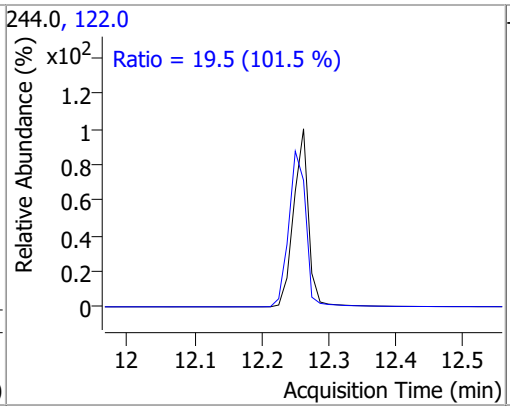
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.79	101.0	15.3

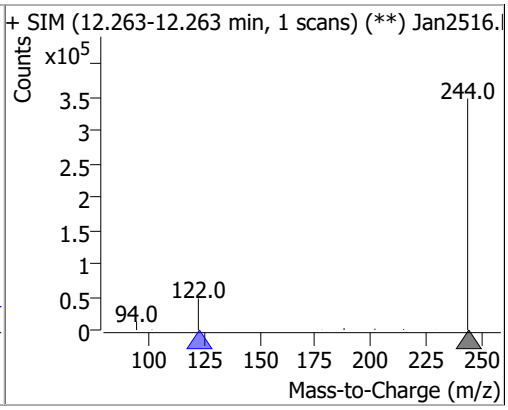




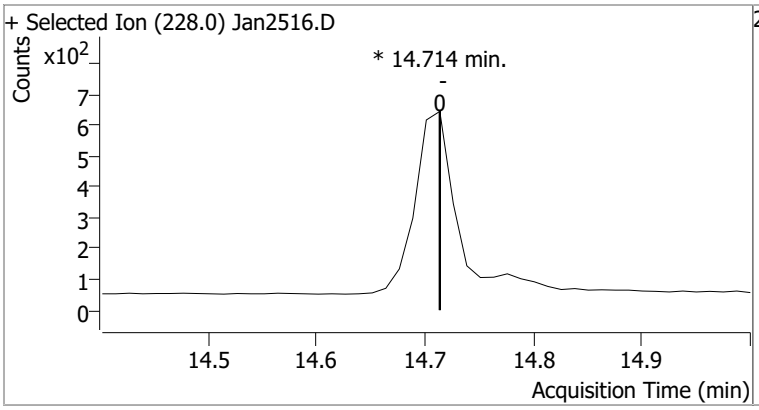
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	66.8247	12.26	0.00	536132	122.0	19.5	13.4	25.0

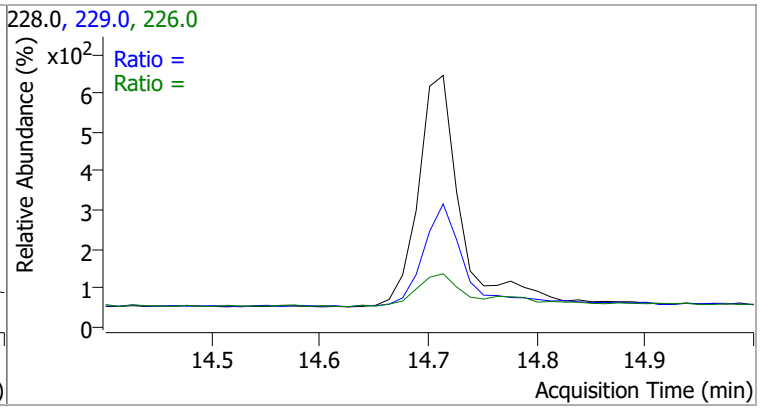




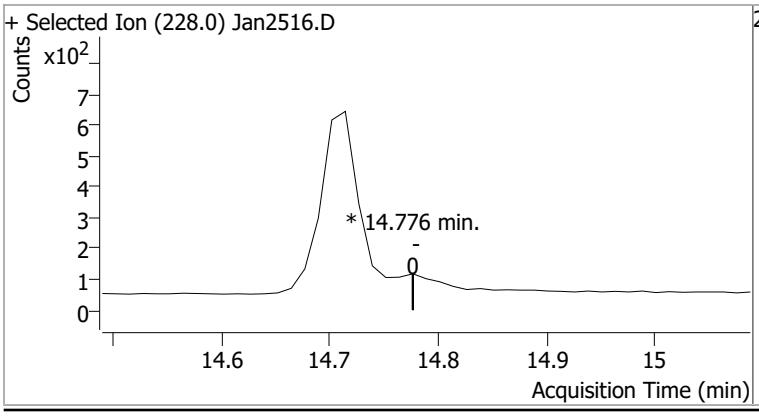


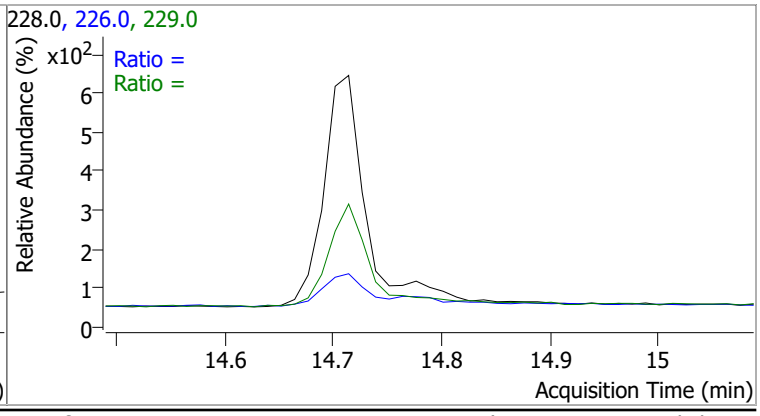
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene		0		0	226.0		18.9	35.1
					229.0		16.1	29.9



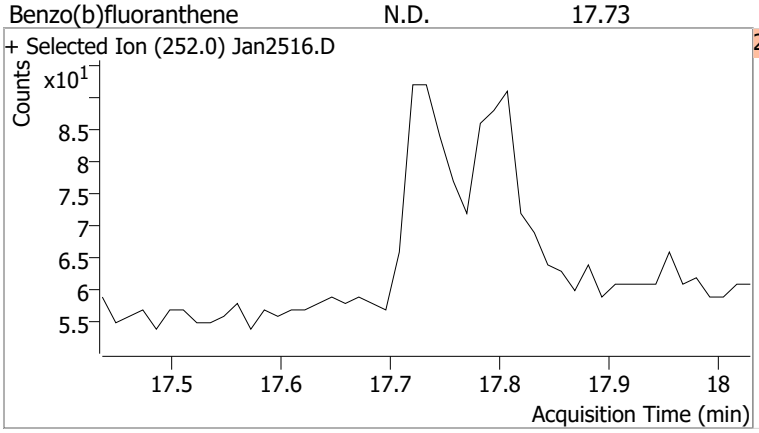


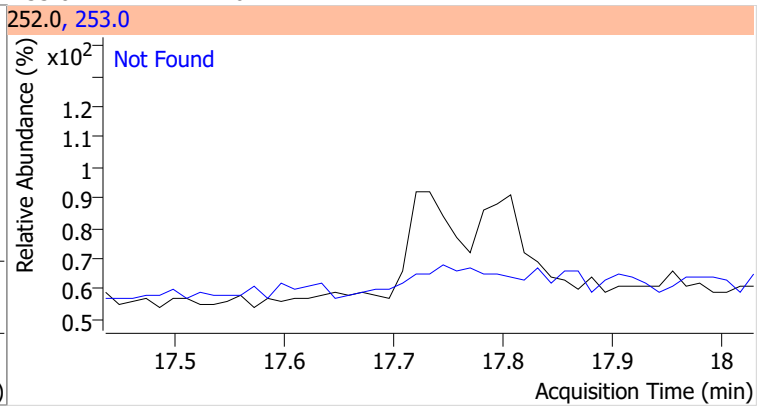
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene		0		0	226.0		21.2	39.4
					229.0		15.0	27.8



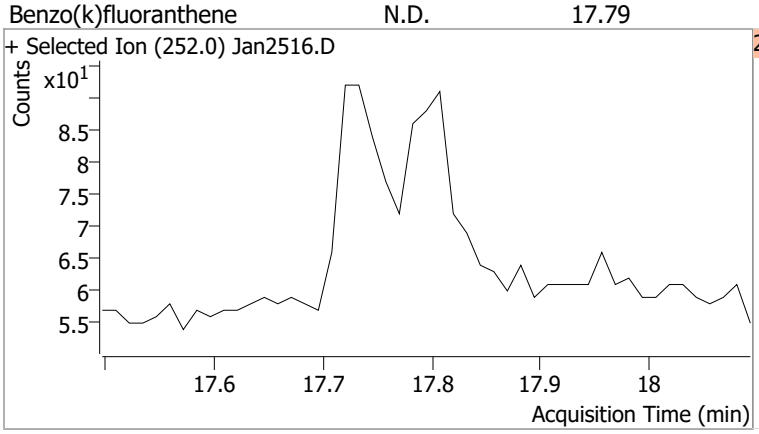


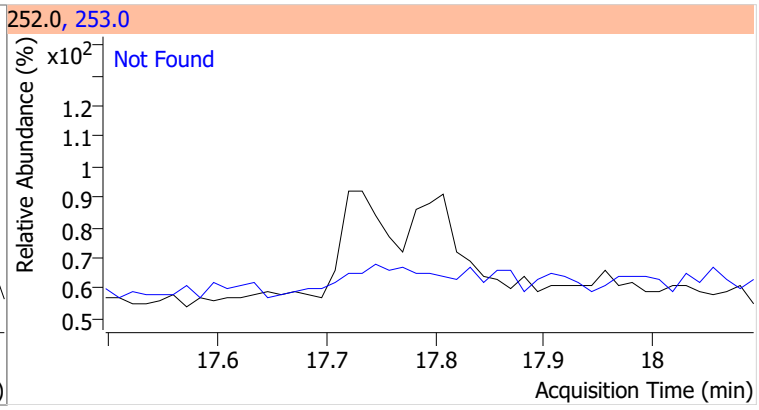
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



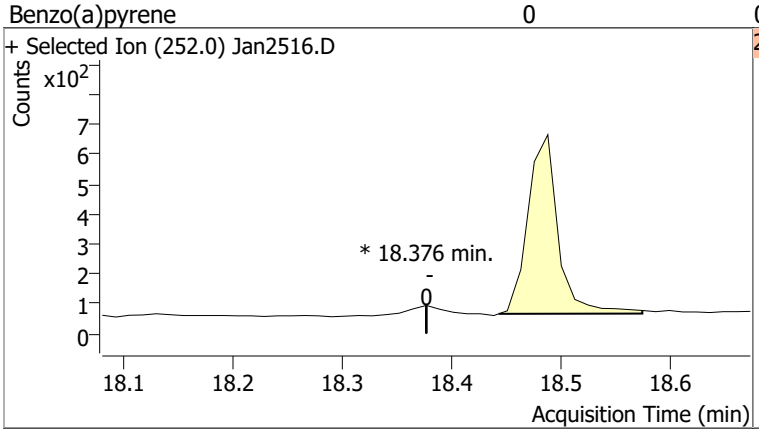


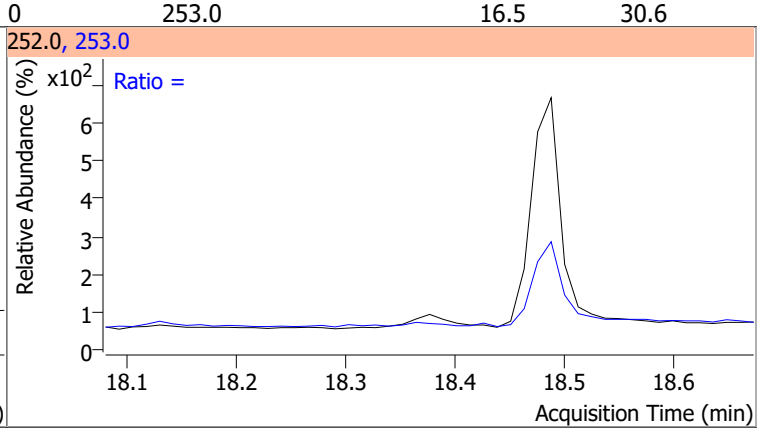
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



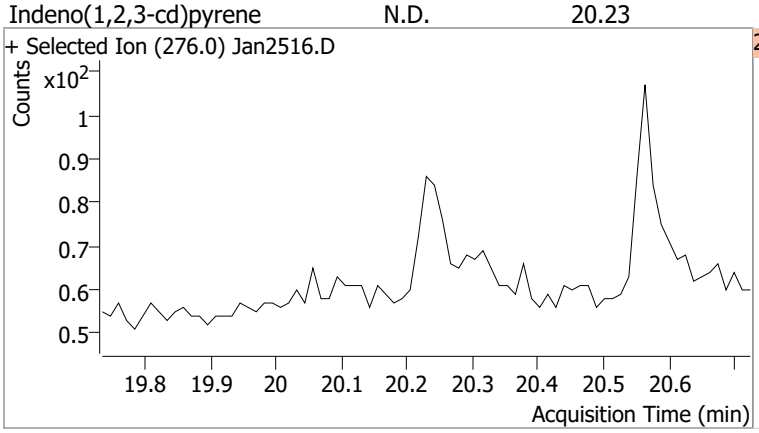


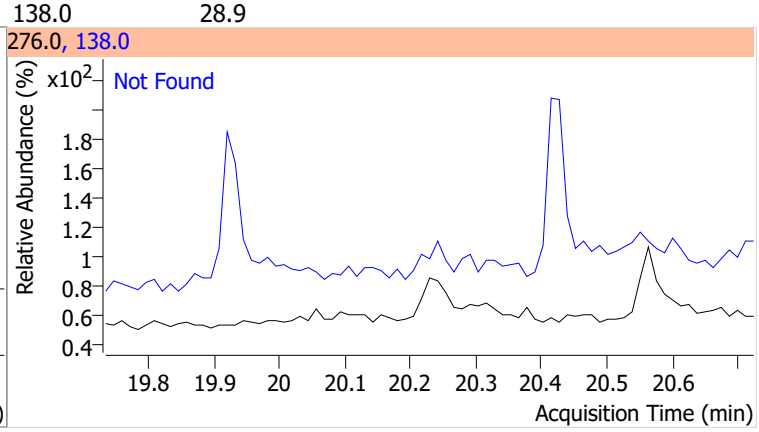
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



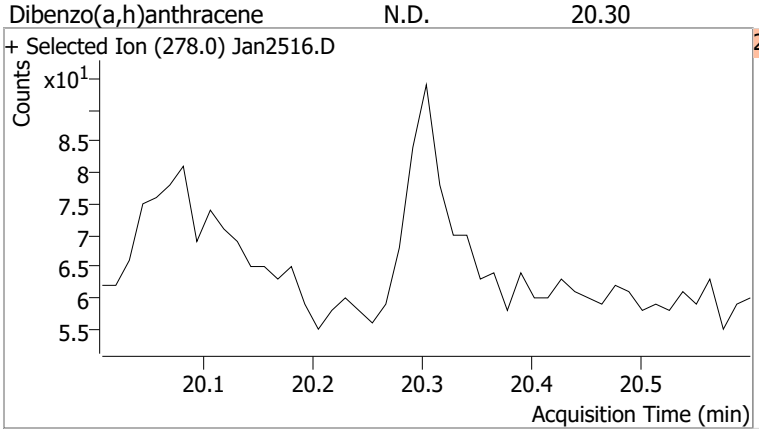


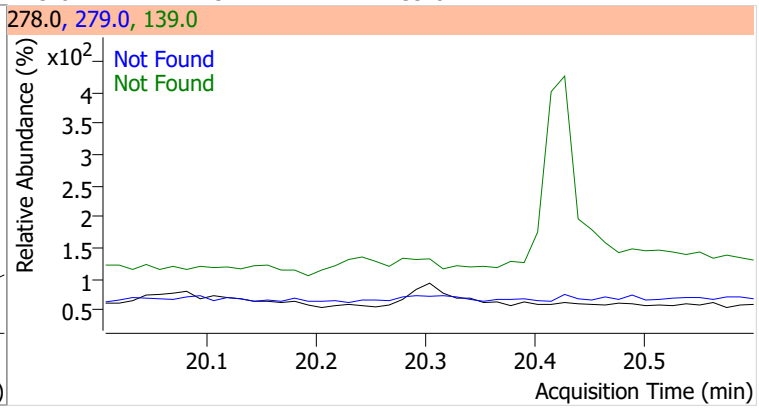
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



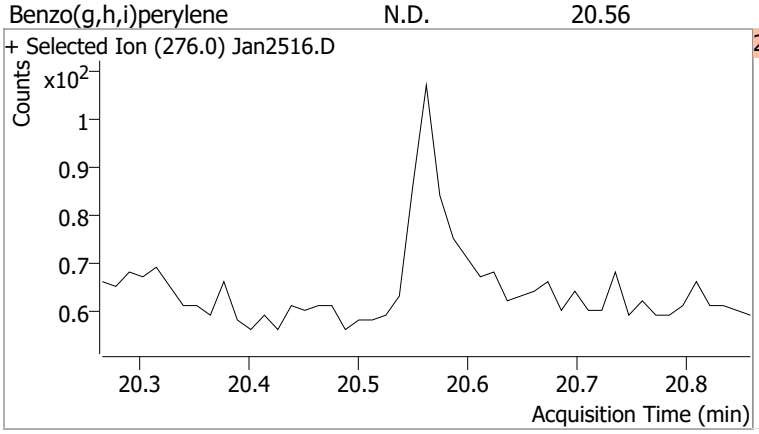


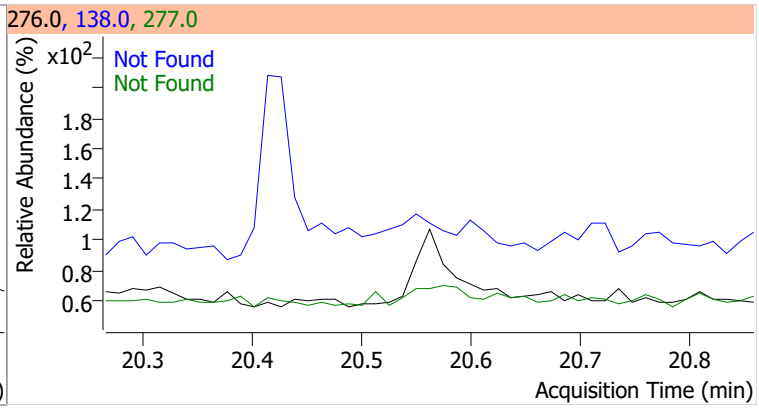
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1





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

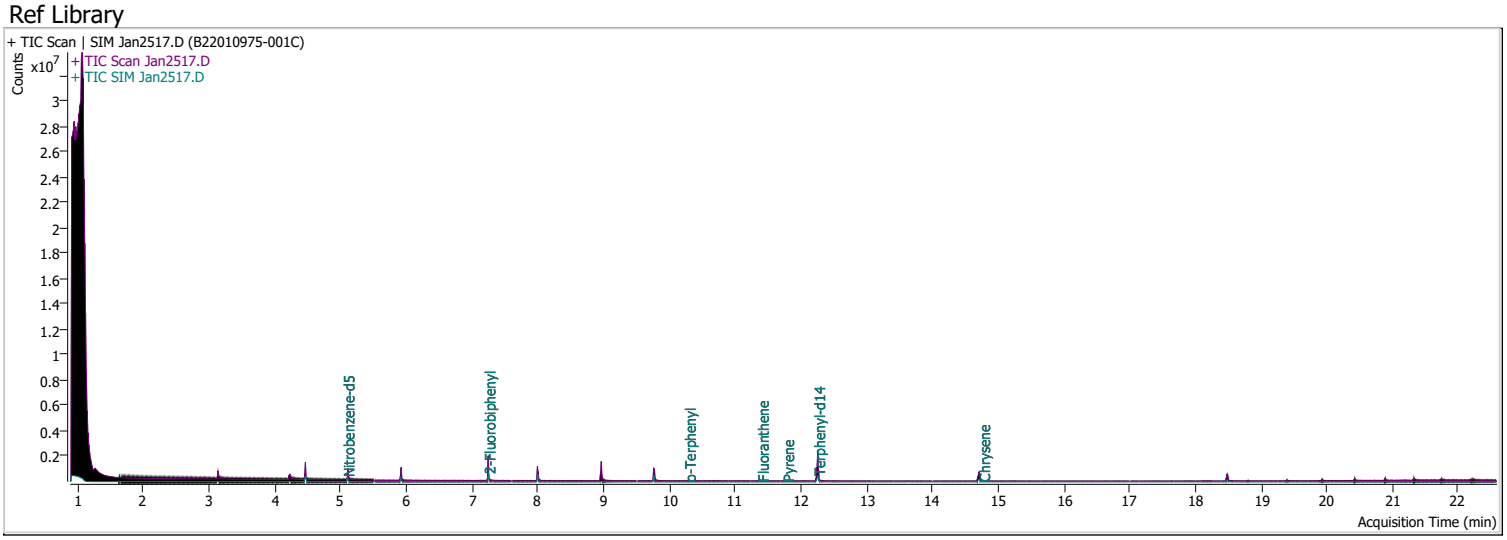




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

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			

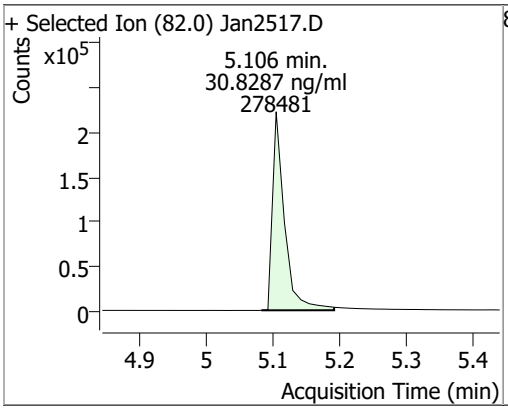


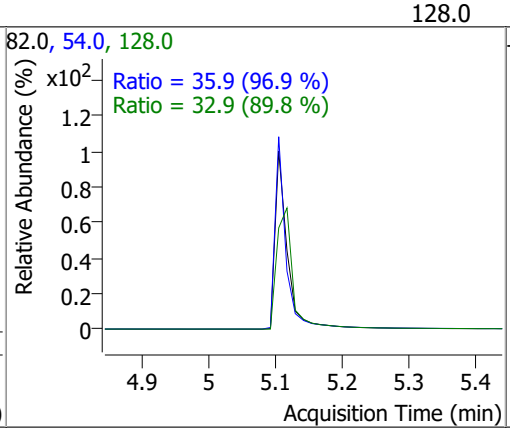
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	188932	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	336719	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.001	164.0	196229	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	403452	40.0000	ng/ml		-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
System Monitoring Compounds							
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%		*	
Target Compounds							**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	8.038	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.			

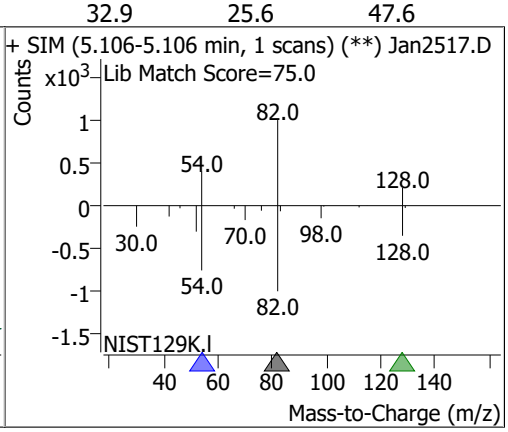
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.			
T Benzo(a)pyrene	18.376	252.0	0		ng/ml	md	1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.			
T Dibenzo(a,h)anthracene	0.000		0	N.D.			
T Benzo(g,h,i)perylene	0.000		0	N.D.			

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

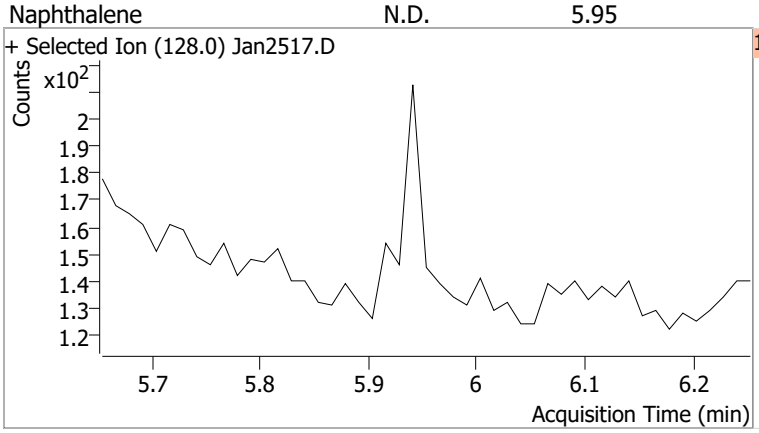
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	30.8287	5.11	-0.04	278481	54.0	35.9	25.9	48.1
					128.0	32.9	25.6	47.6

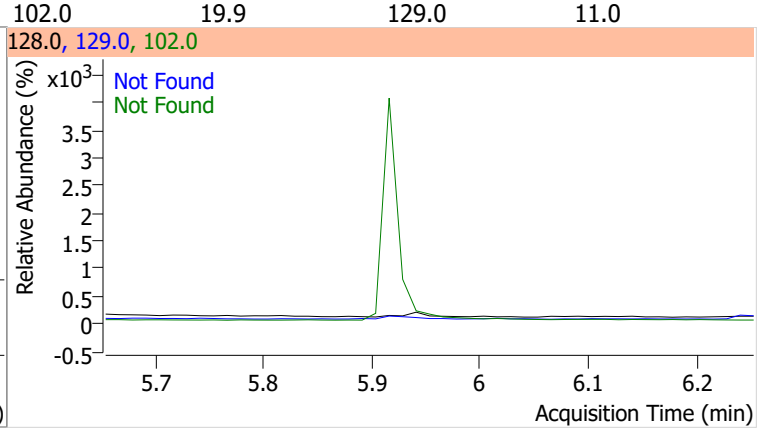




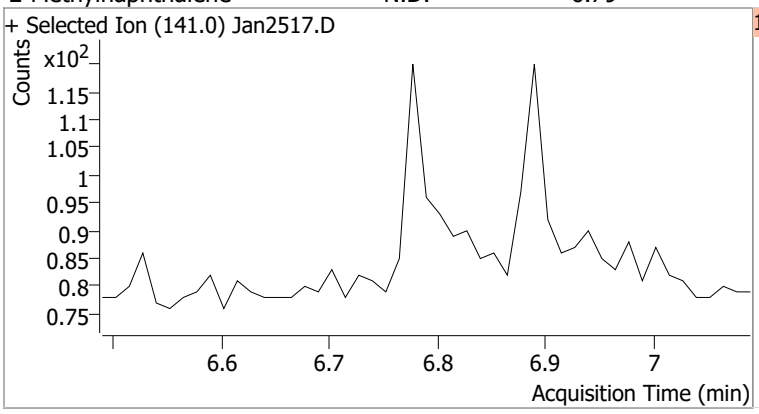


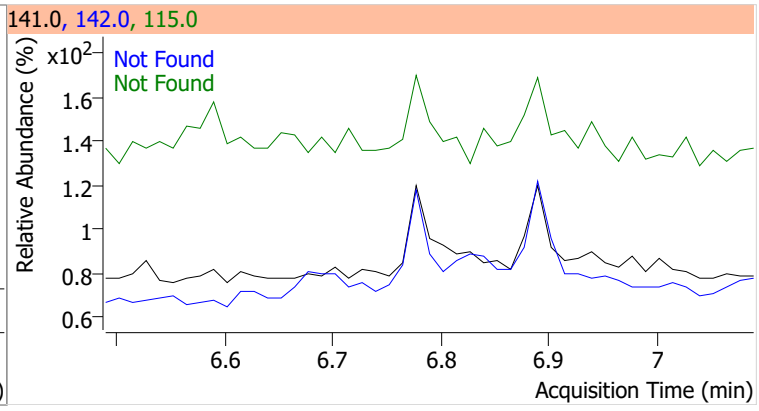
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



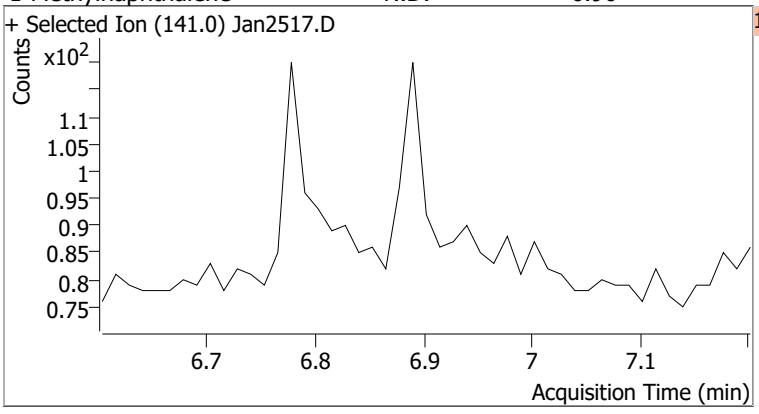


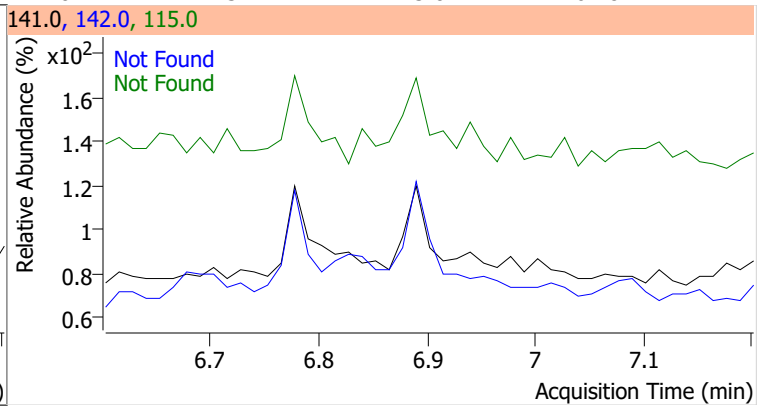
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



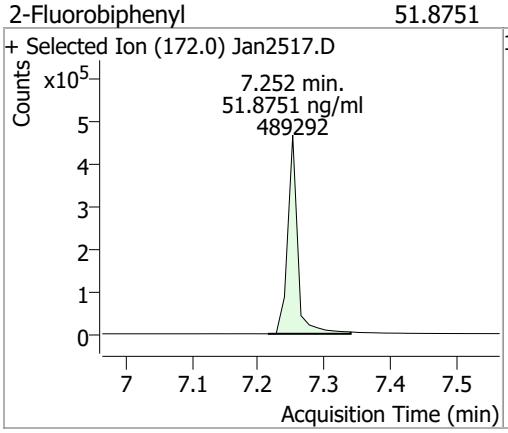


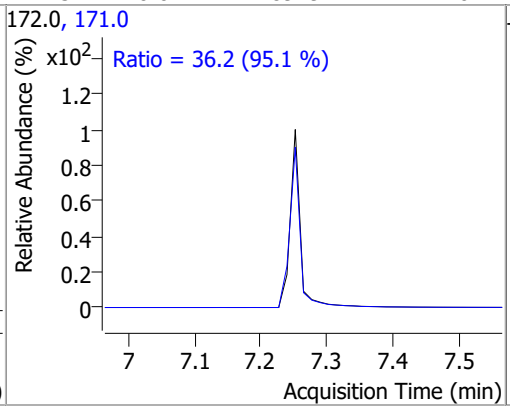
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

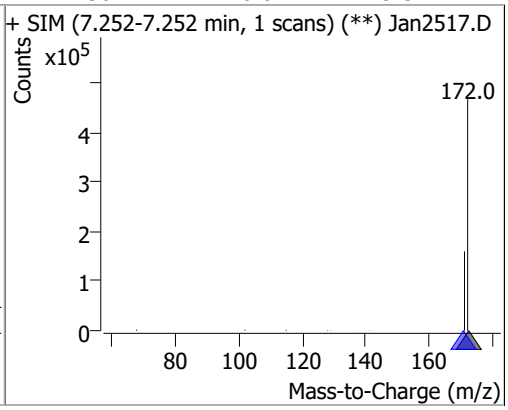




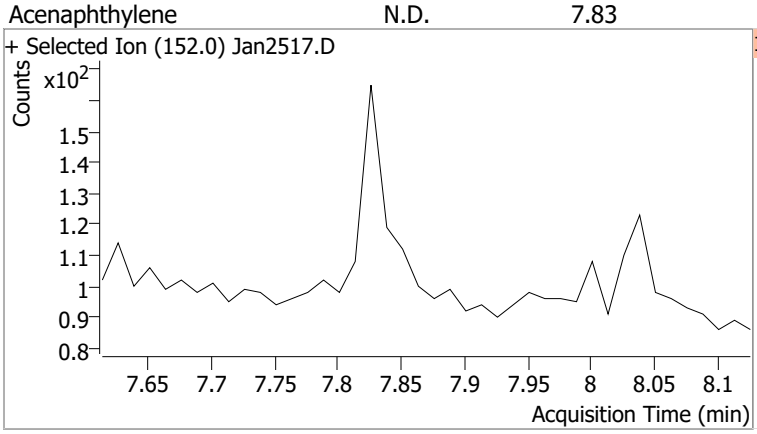
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	51.8751	7.25	-0.01	489292	171.0	36.2	26.6	49.5

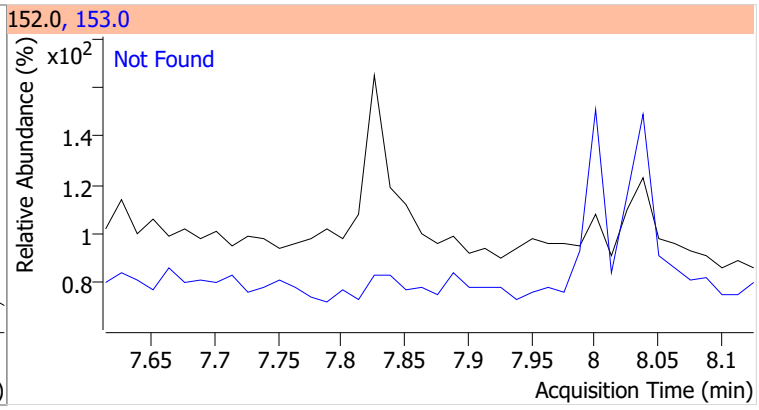




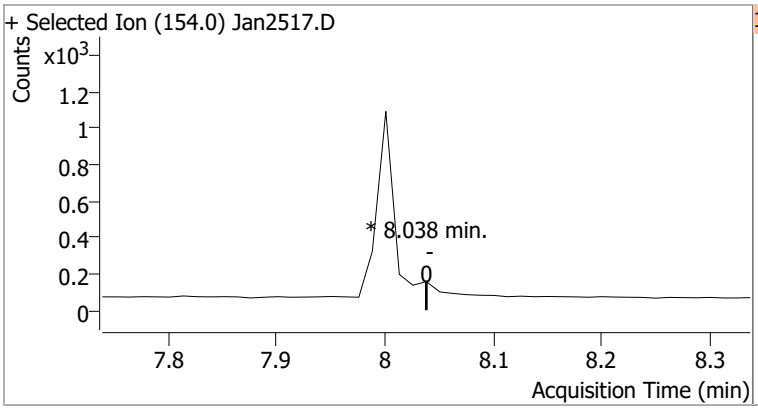


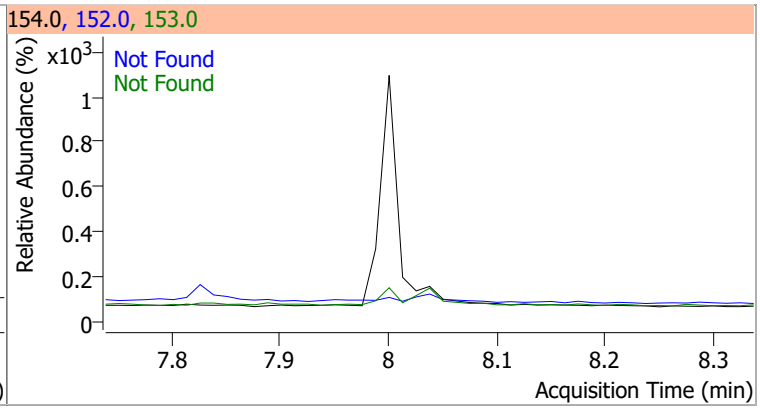
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



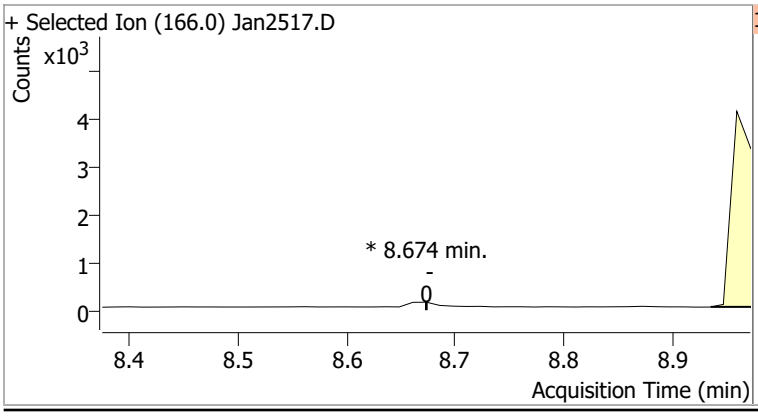


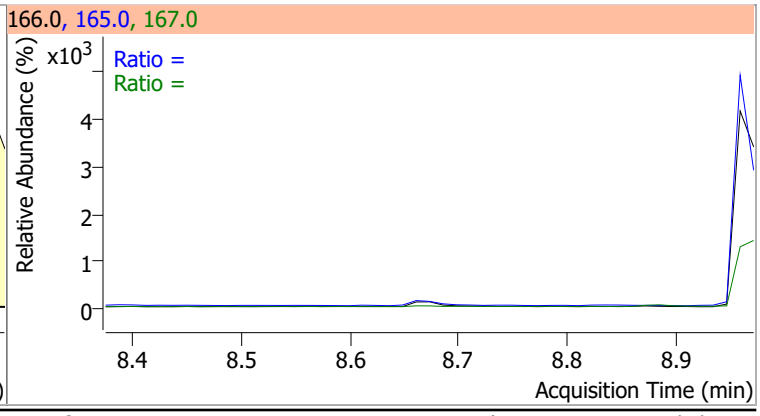
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1



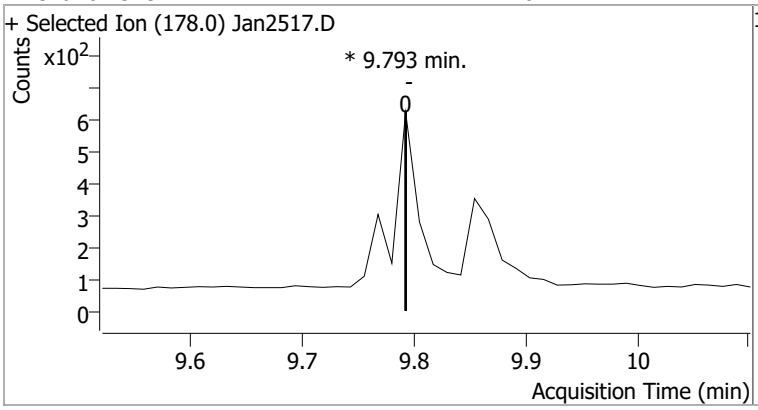


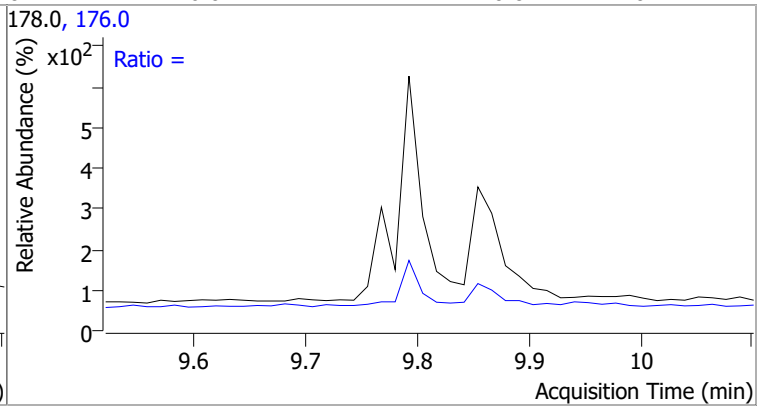
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		69.1	128.3
					167.0		9.7	18.0



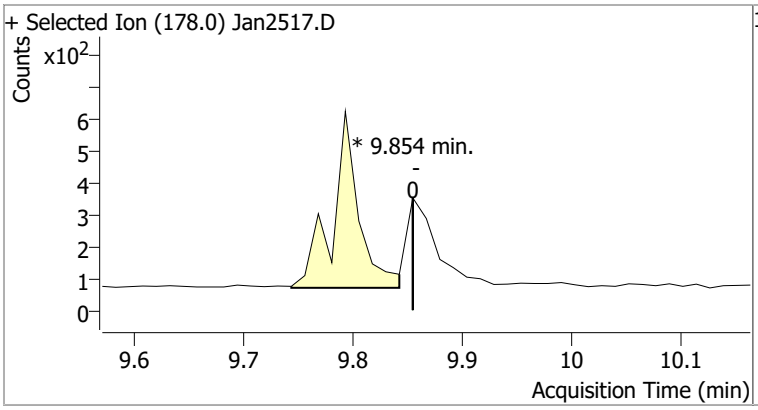


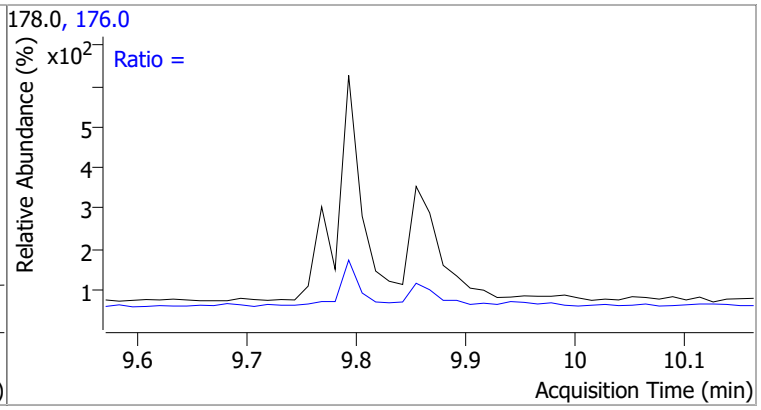
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene		0		0	176.0		10.8	20.1



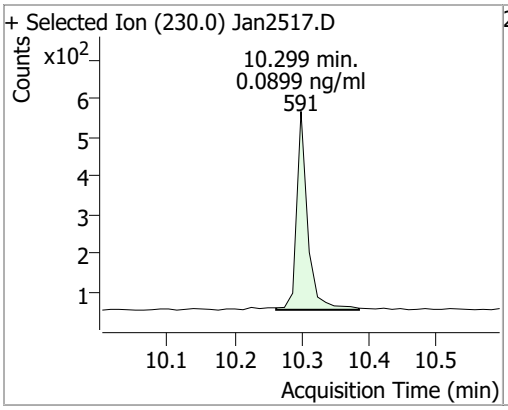


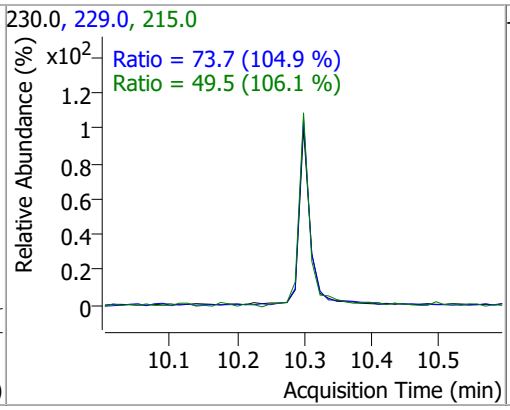
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene		0		0	176.0		12.7	23.5

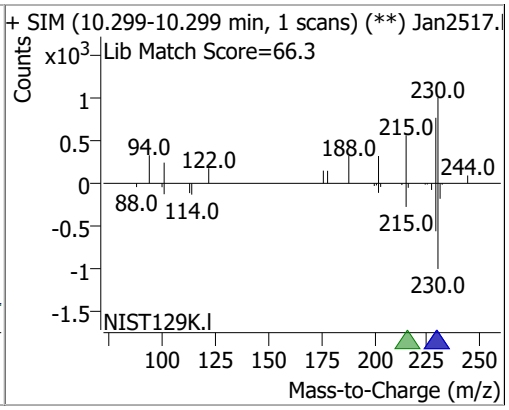




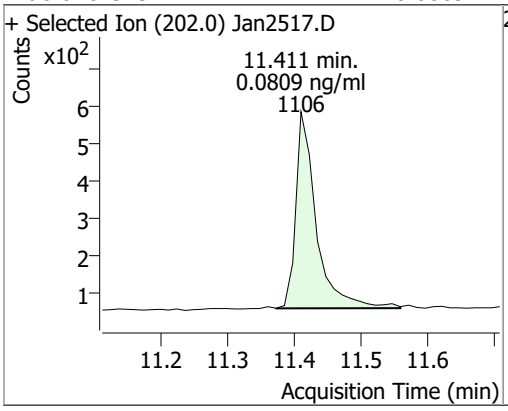
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.0899	10.30	0.00	591	229.0	73.7	49.2	91.3
					215.0	49.5	32.7	60.7

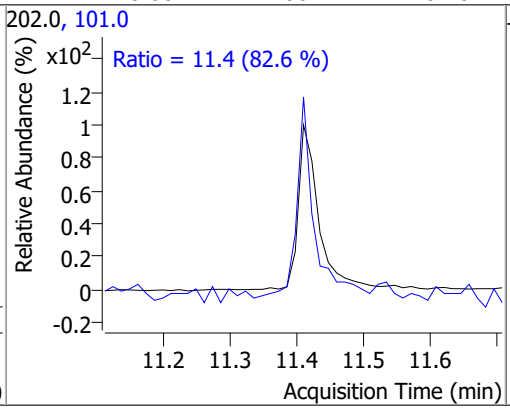


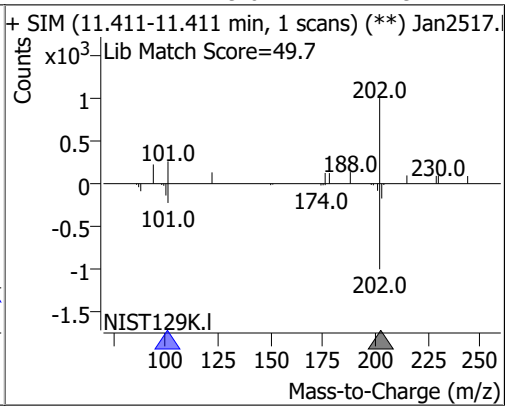




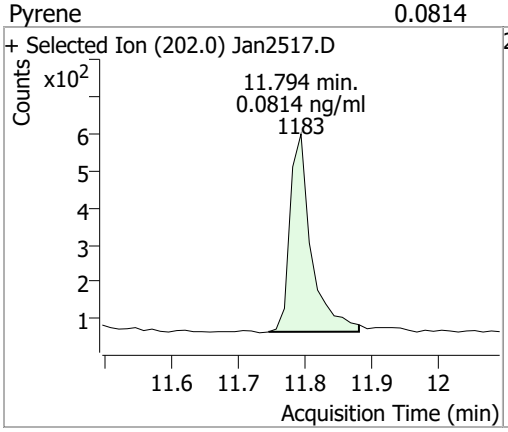
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	0.0809	11.41	0.00	1106	101.0	11.4	9.6	17.9

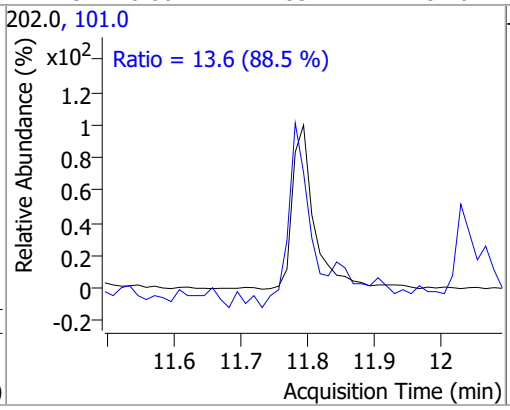


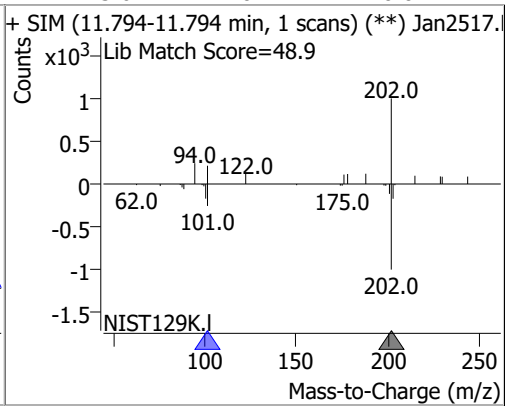




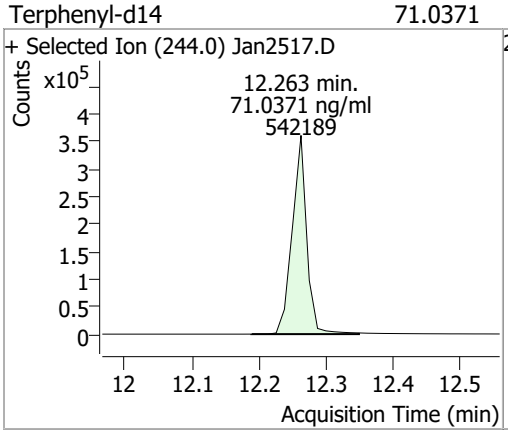
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	0.0814	11.79	0.00	1183	101.0	13.6	10.7	20.0

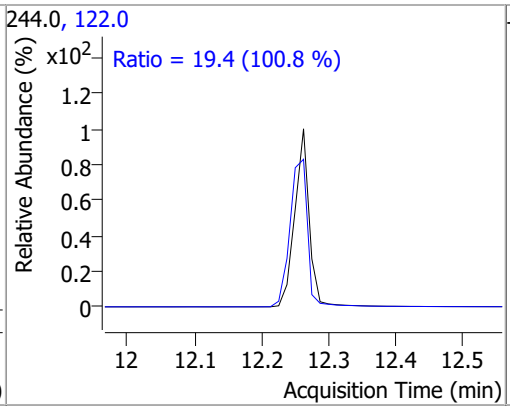


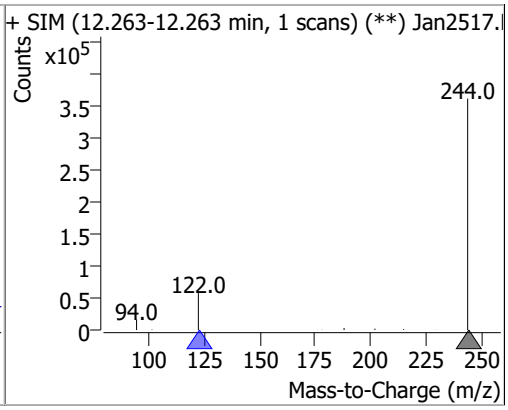




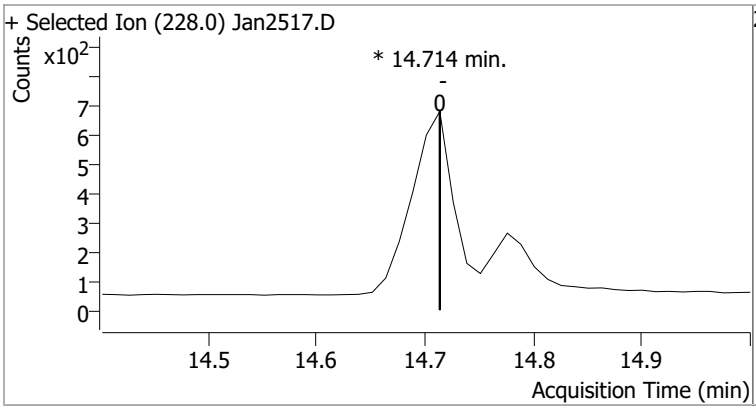
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	71.0371	12.26	0.00	542189	122.0	19.4	13.4	25.0

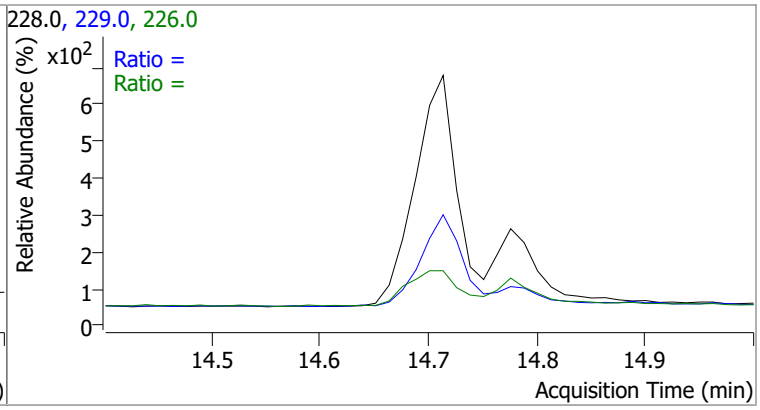




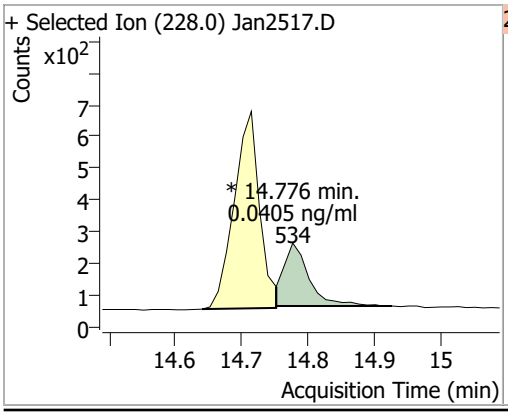


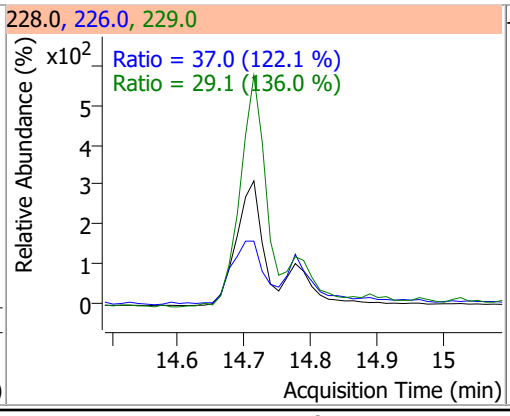
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene		0		0	226.0		18.9	35.1
					229.0		16.1	29.9

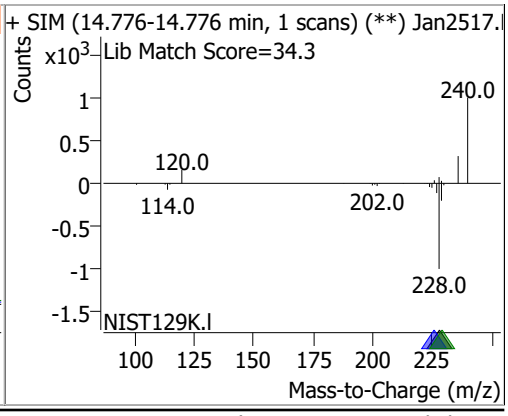




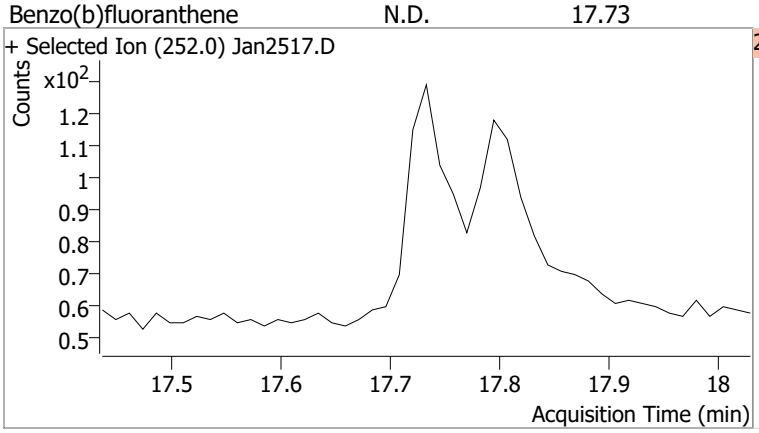
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	0.0405	14.78	-0.01	534 (m)	226.0	37.0	21.2	39.4
					229.0	29.1	15.0	27.8

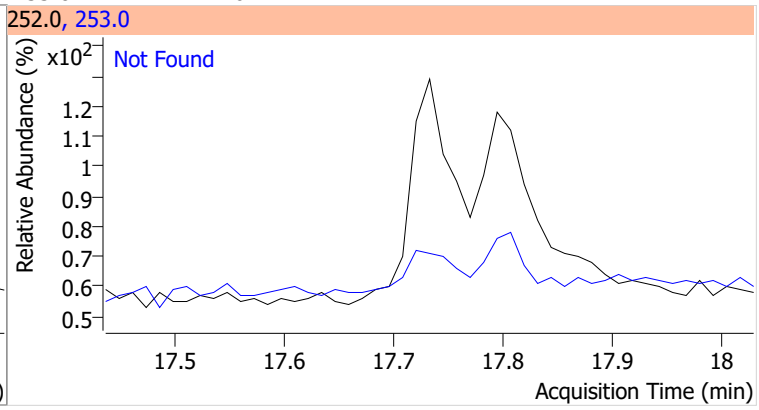




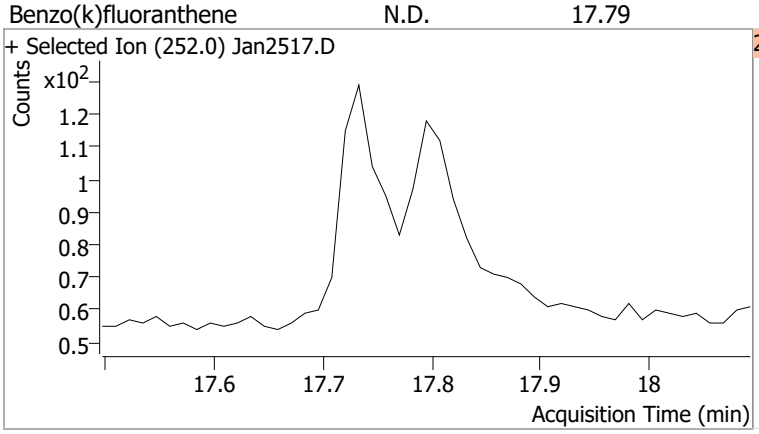


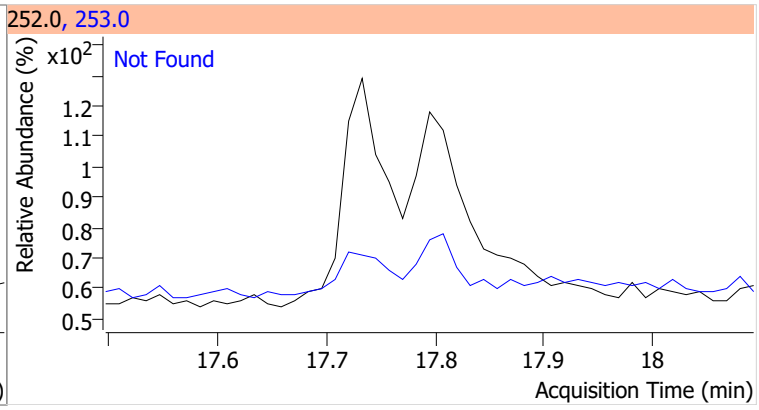
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



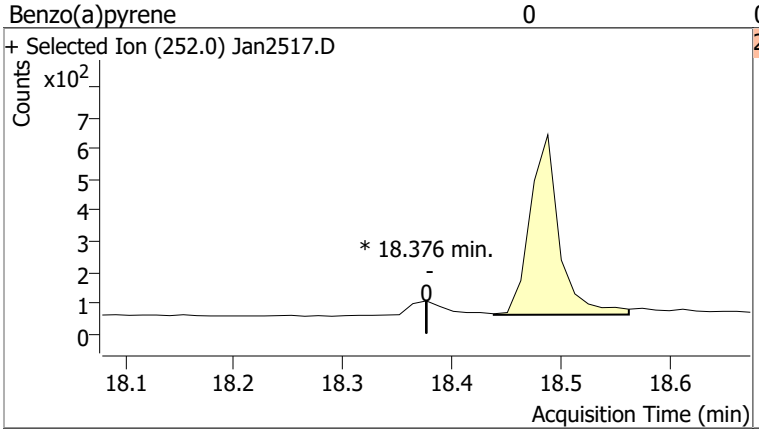


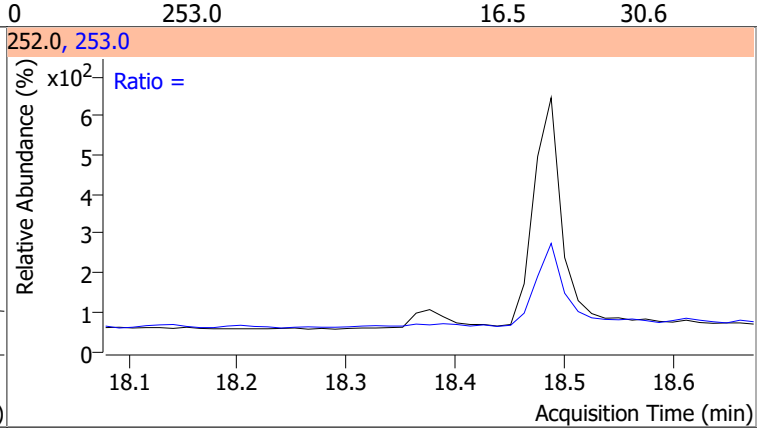
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



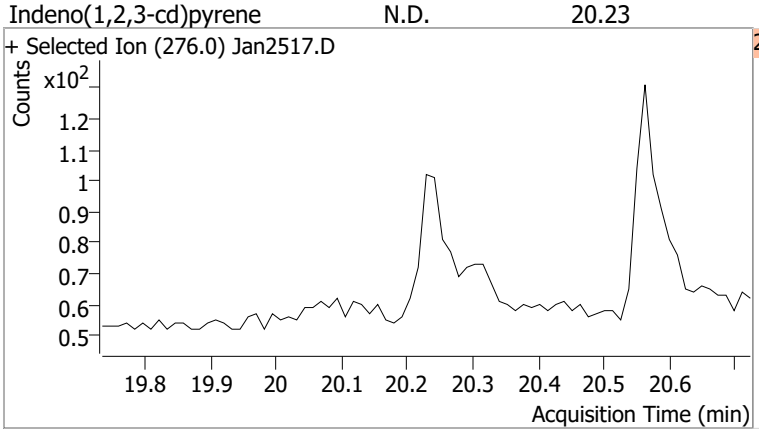


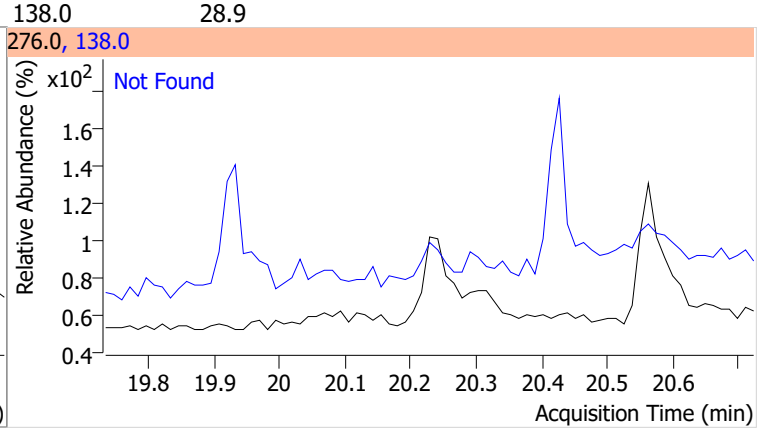
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



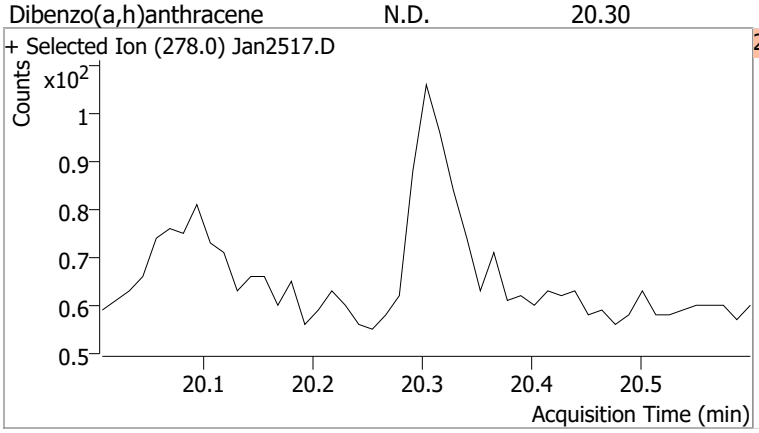


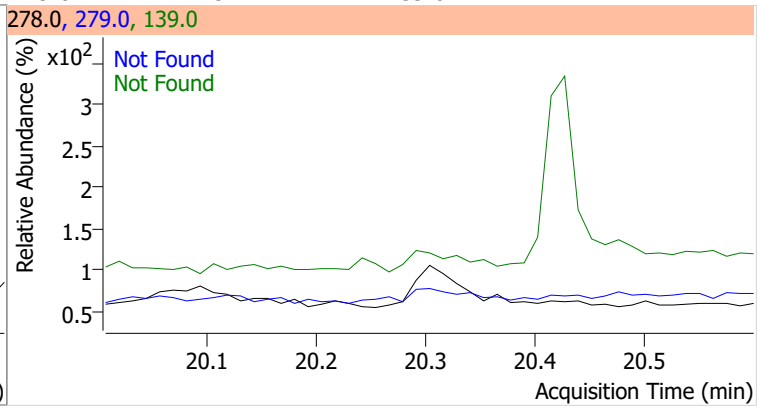
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



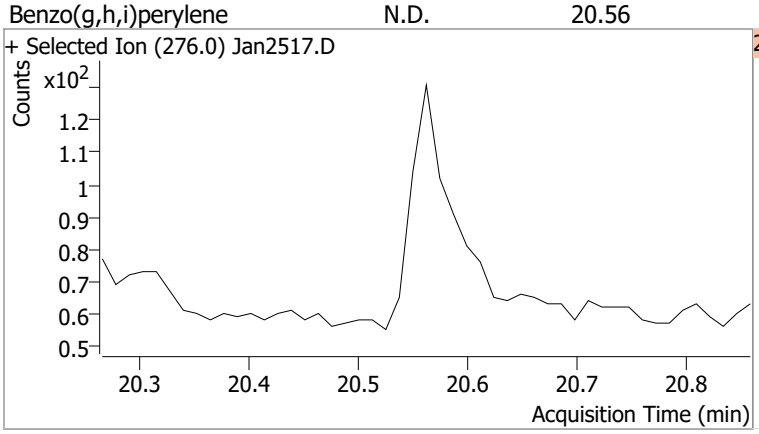


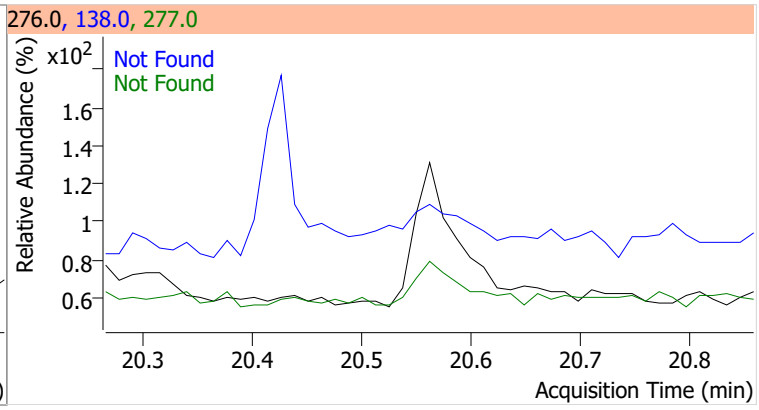
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1





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

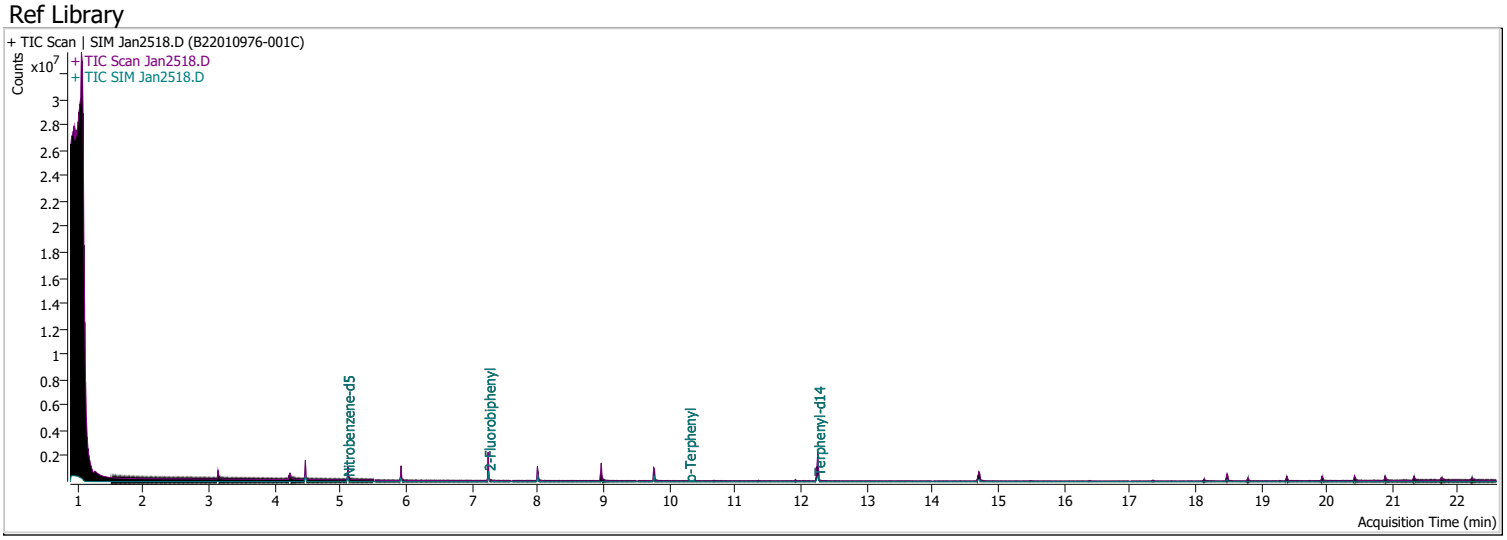




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

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			

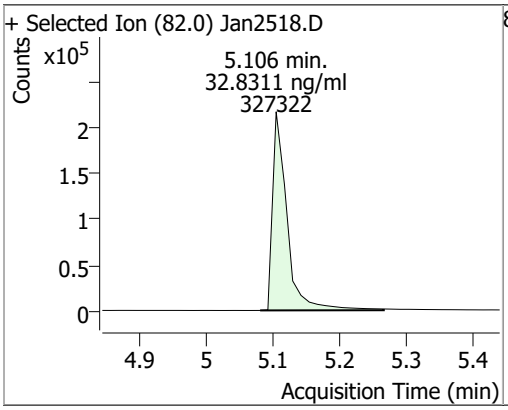


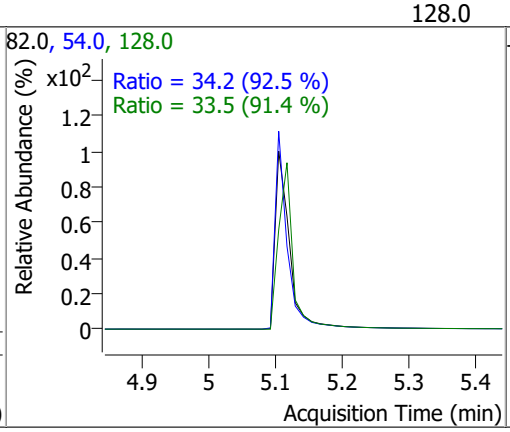
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	200194	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	350168	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.000	164.0	203516	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	403757	40.0000	ng/ml		-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
System Monitoring Compounds							
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%		*	
Target Compounds							**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	8.000	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.			

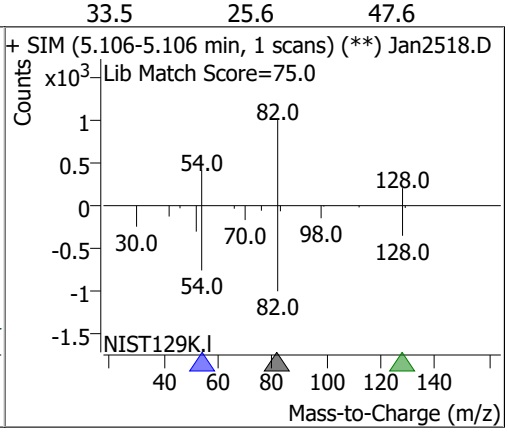
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.			
T Benzo(a)pyrene	18.487	252.0	0		ng/ml	md	1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.			
T Dibenzo(a,h)anthracene	0.000		0	N.D.			
T Benzo(g,h,i)perylene	0.000		0	N.D.			

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

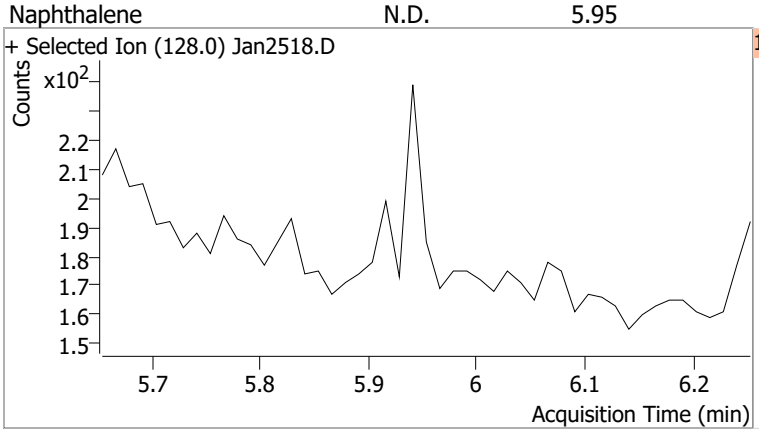
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	32.8311	5.11	-0.04	327322	54.0	34.2	25.9	48.1
					128.0	33.5	25.6	47.6

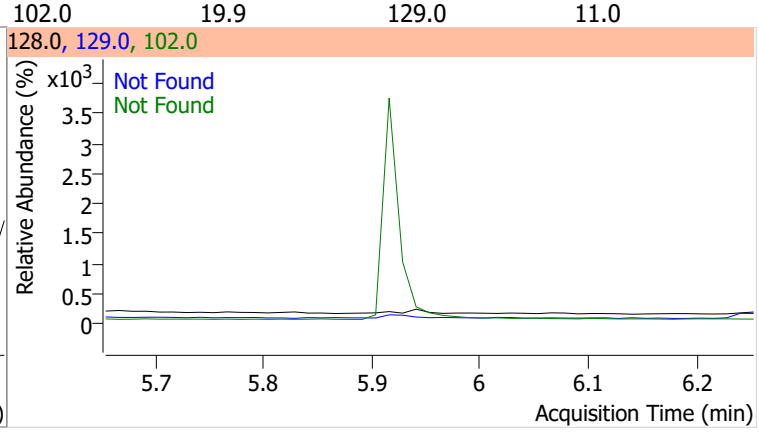




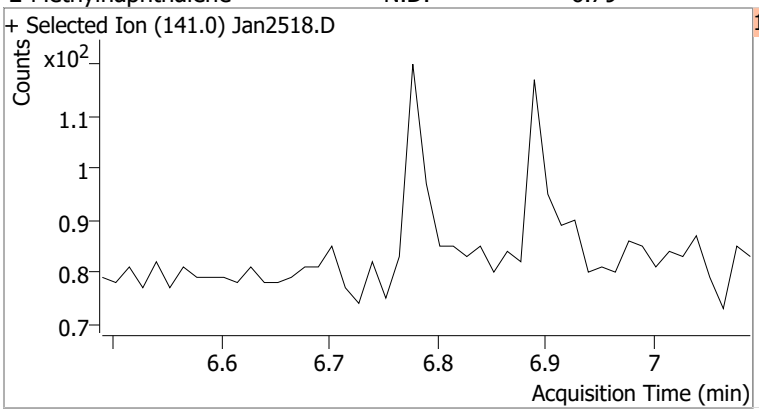


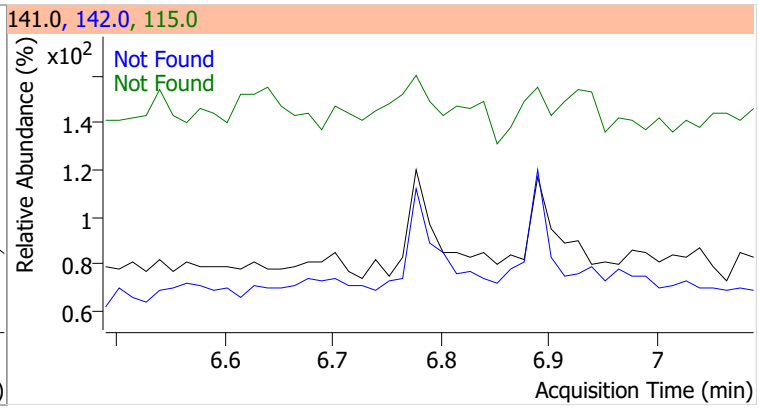
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



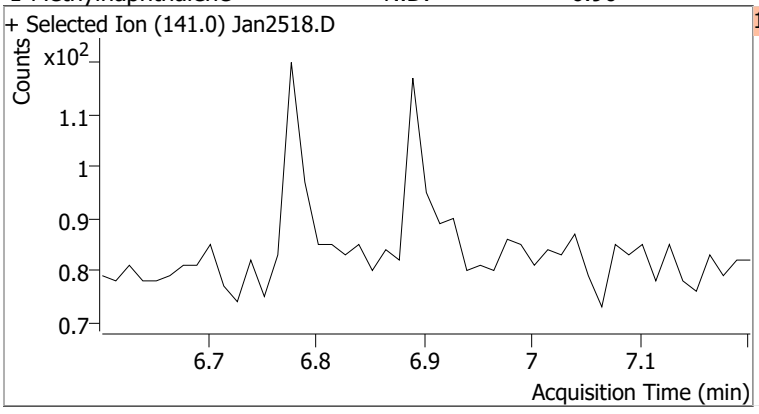


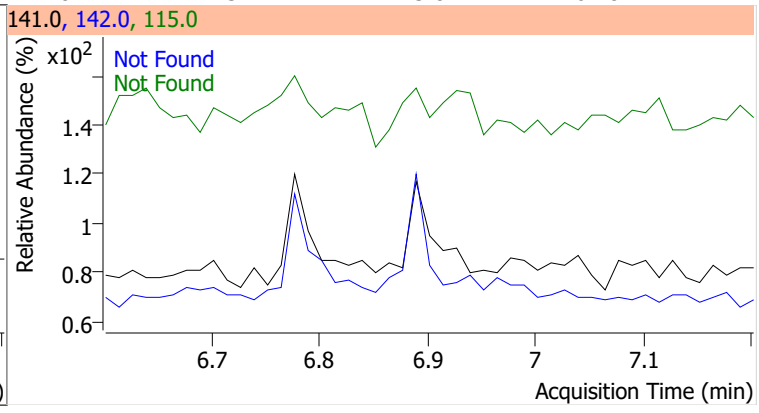
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



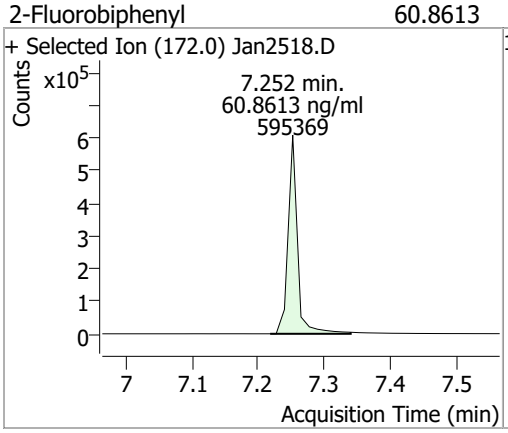


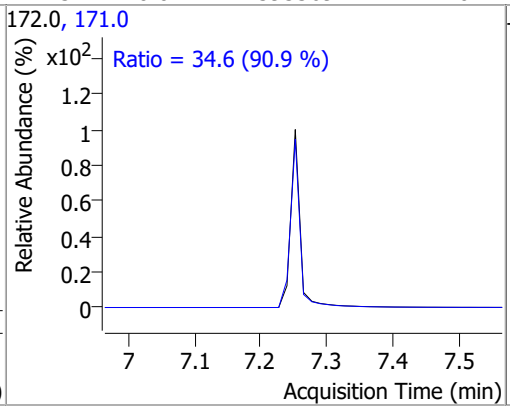
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

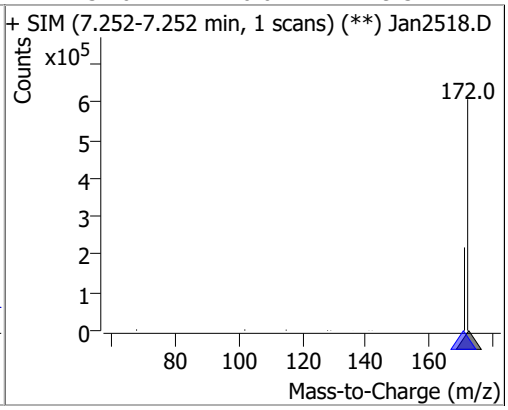




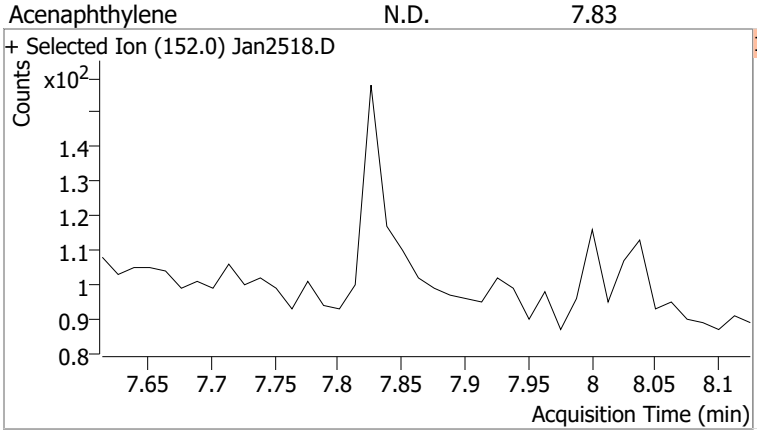
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	60.8613	7.25	-0.01	595369	171.0	34.6	26.6	49.5

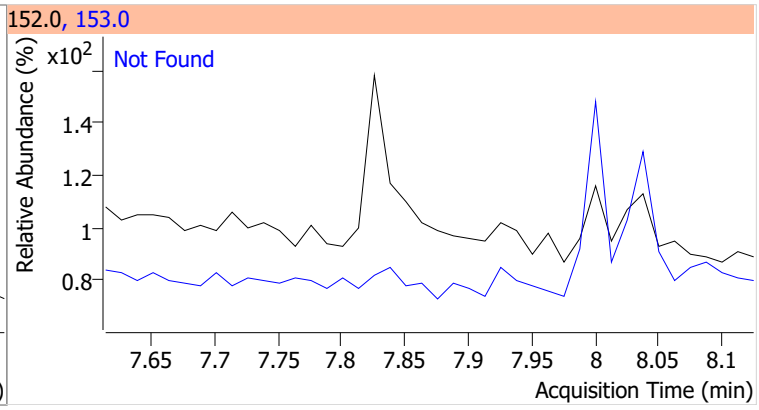




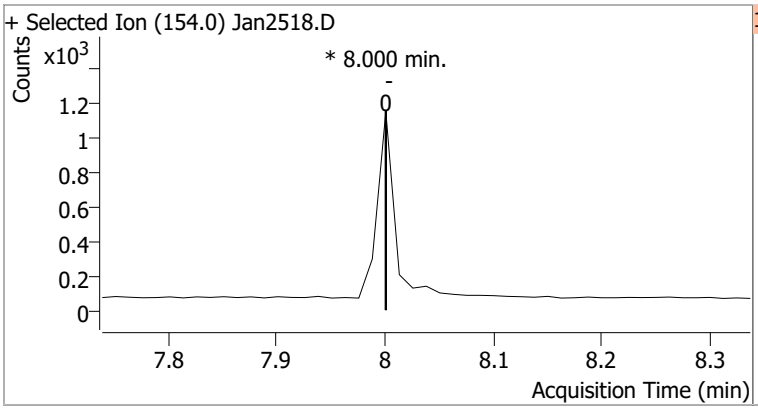


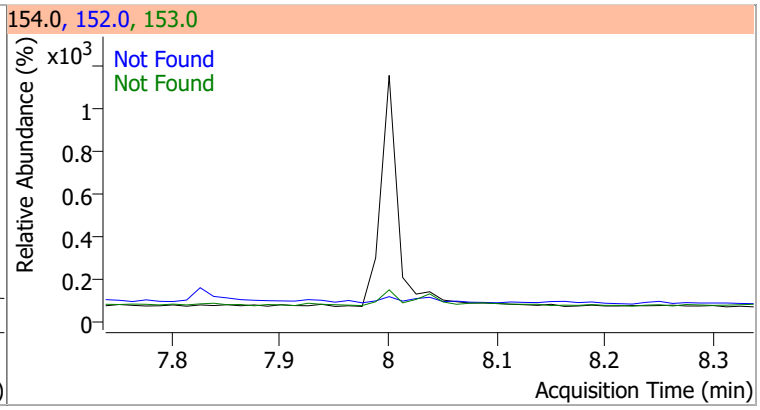
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



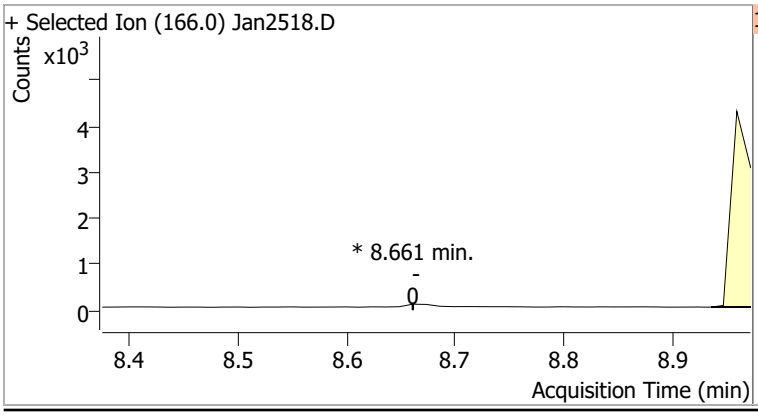


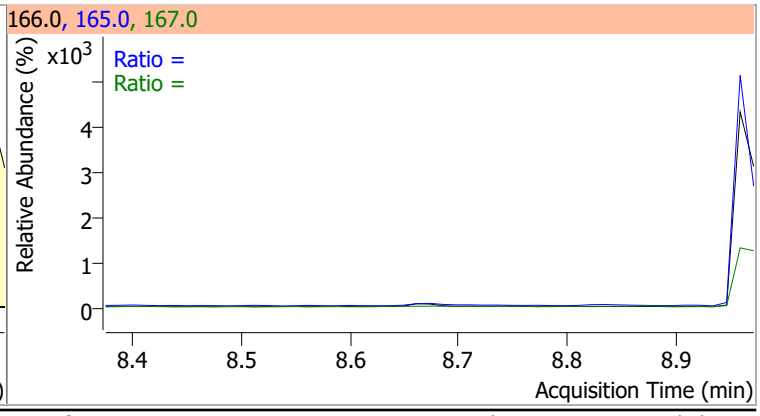
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1



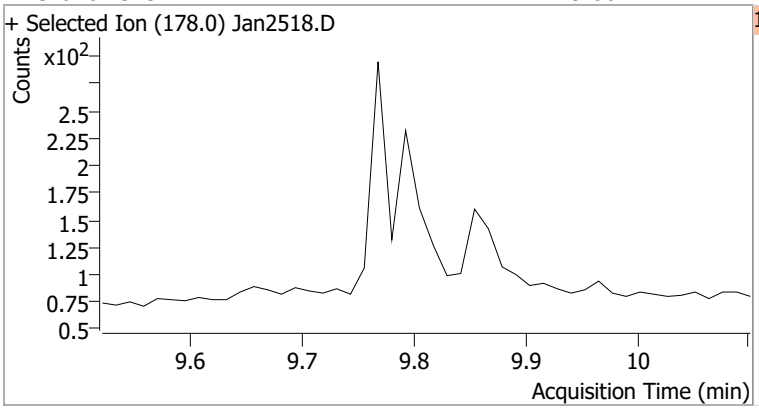


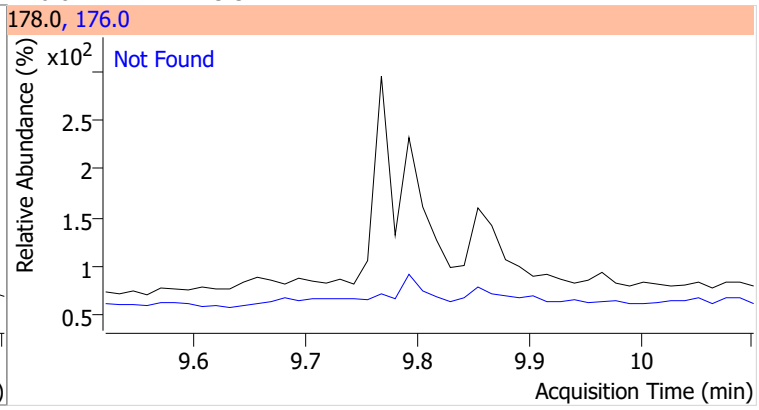
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		69.1	128.3
					167.0		9.7	18.0



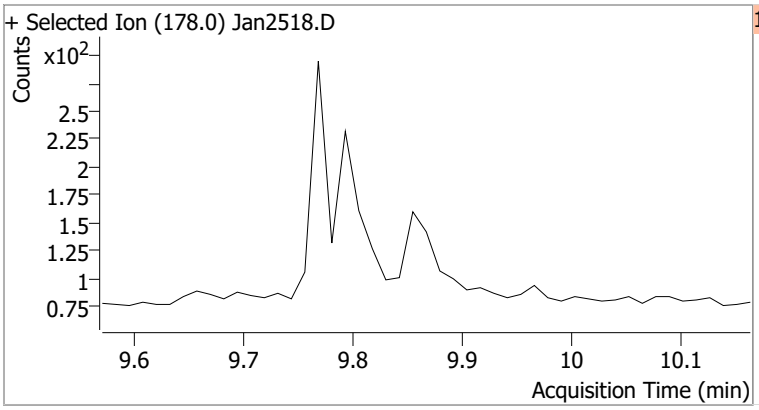


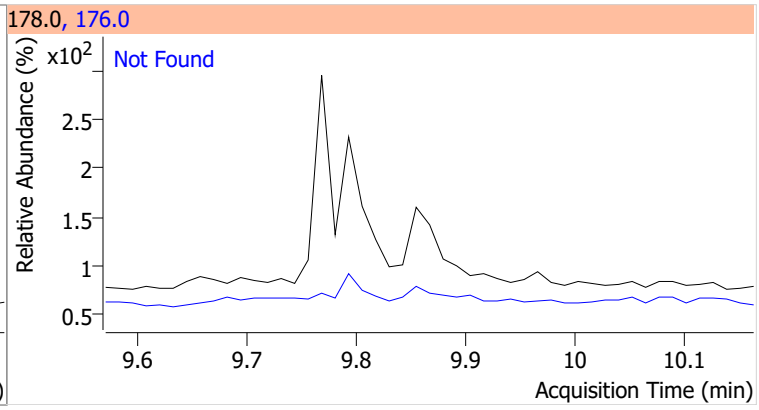
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



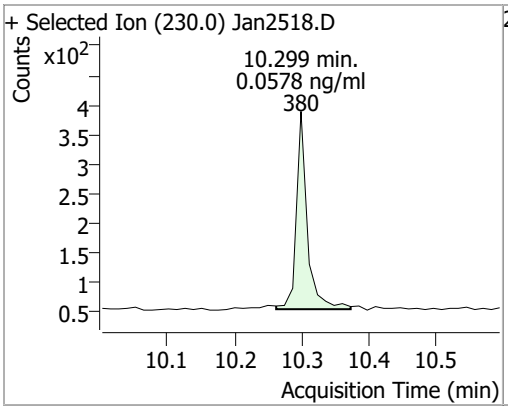


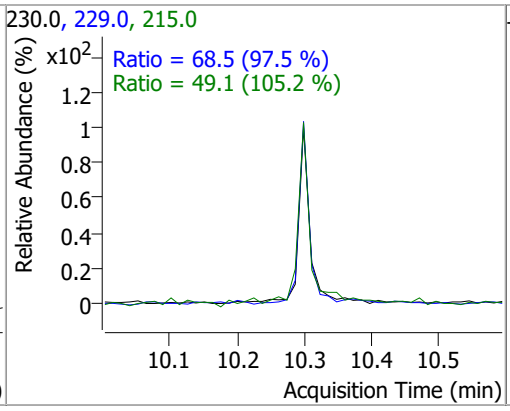
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.87	176.0	18.1

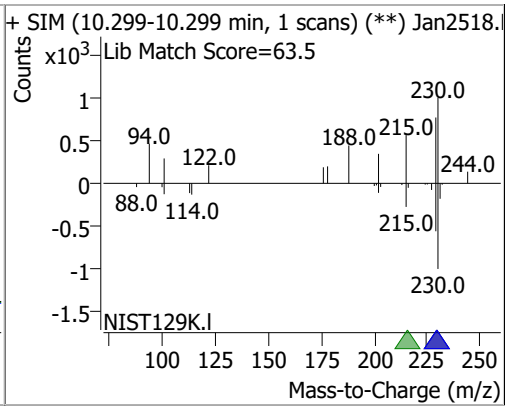




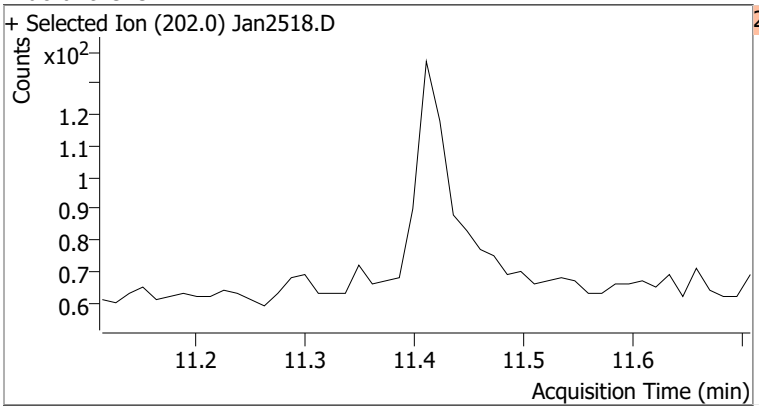
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	0.0578	10.30	0.00	380	229.0	68.5	49.2	91.3
					215.0	49.1	32.7	60.7

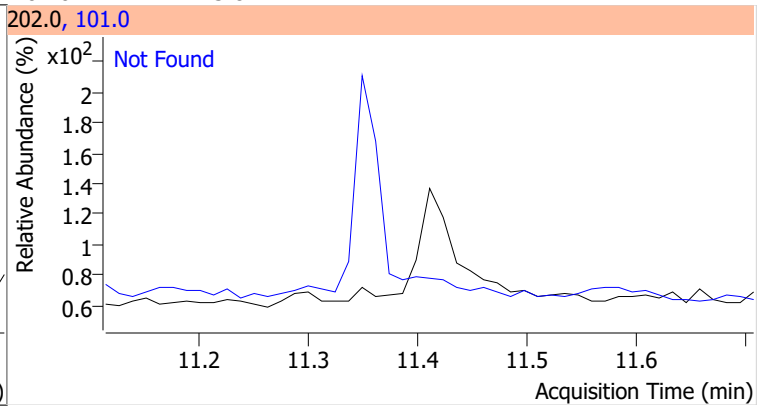




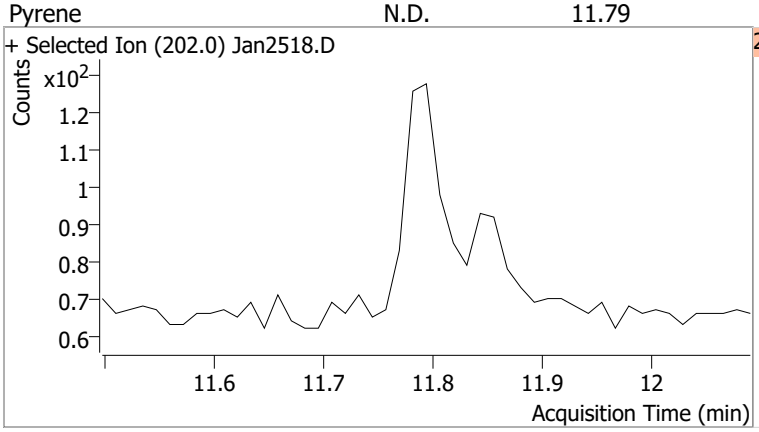


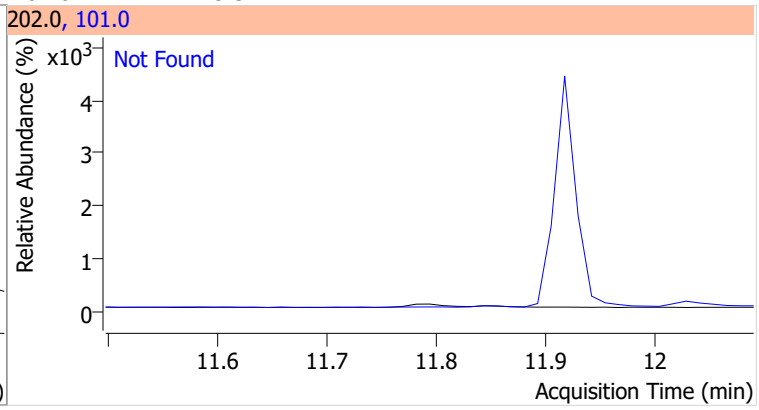
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8



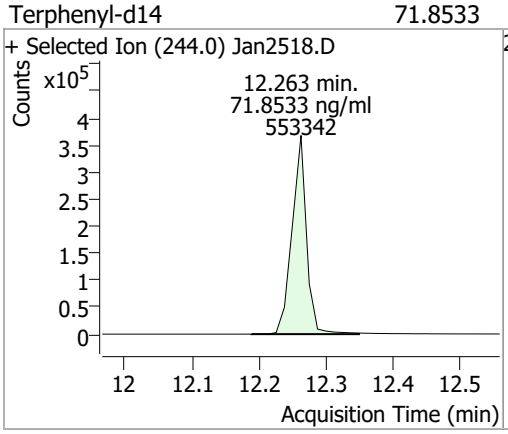


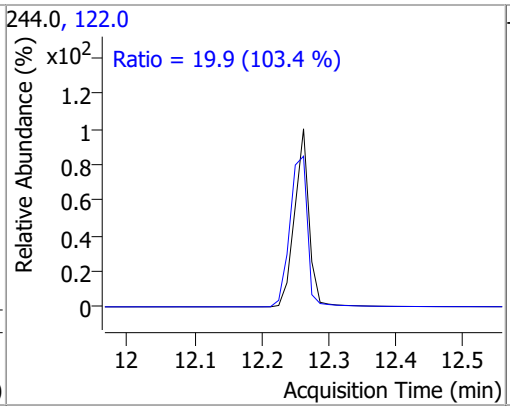
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.79	101.0	15.3

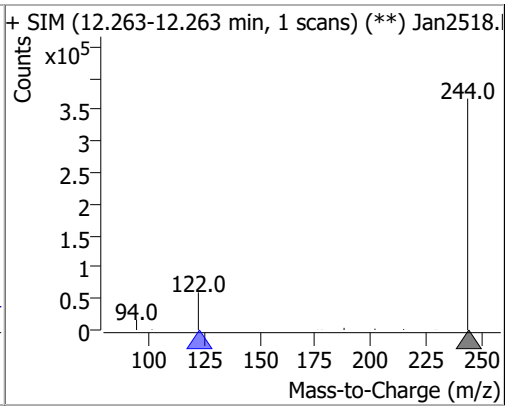




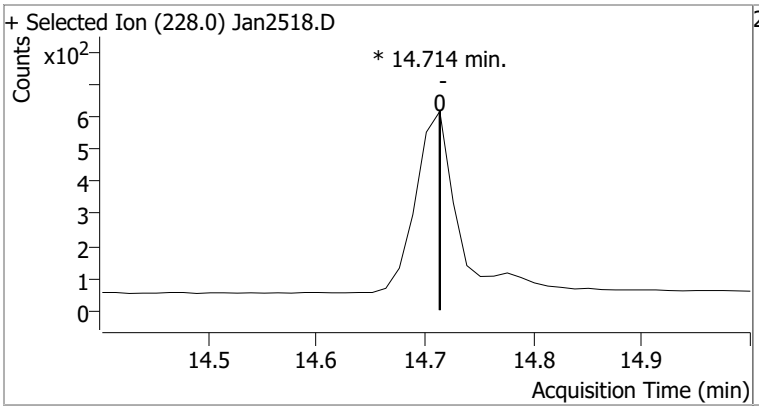
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	71.8533	12.26	0.00	553342	122.0	19.9	13.4	25.0

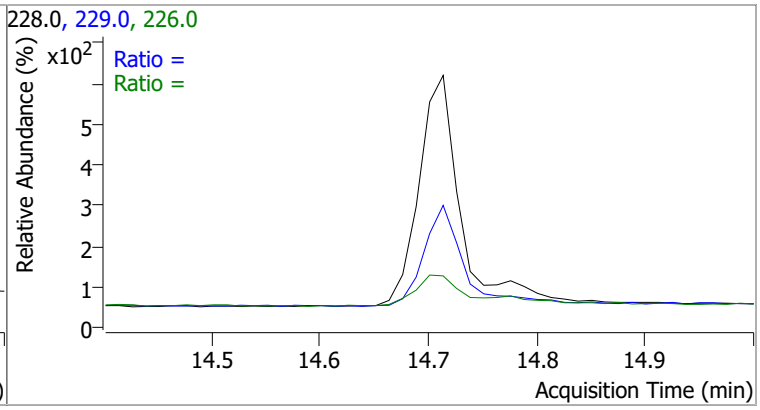




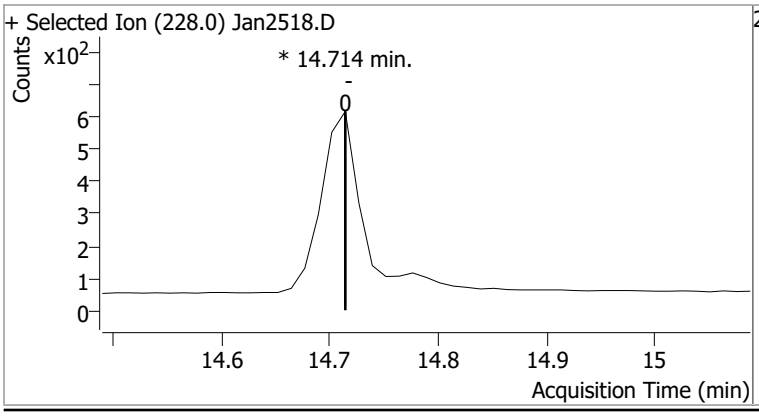


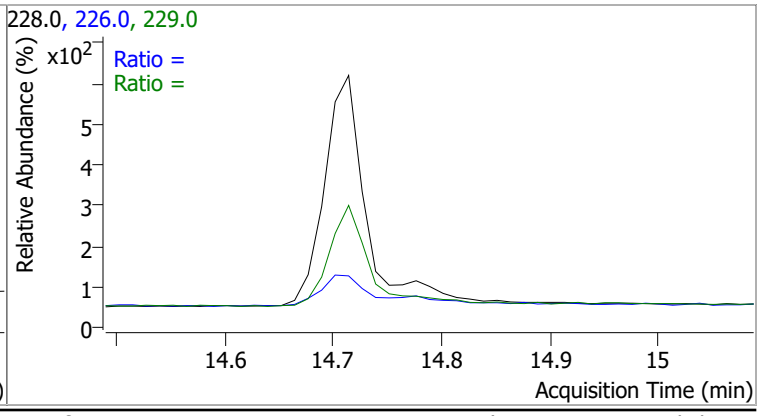
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene		0		0	226.0		18.9	35.1
					229.0		16.1	29.9



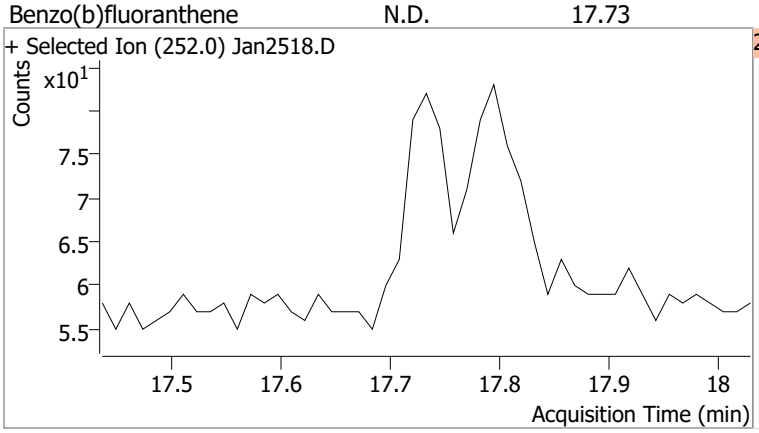


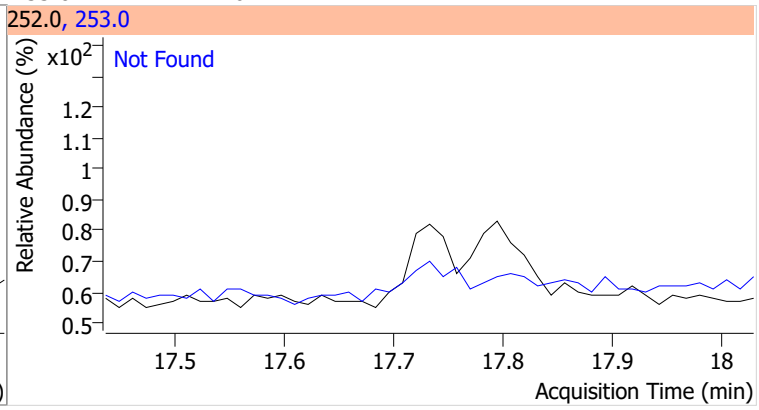
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene		0		0	226.0		21.2	39.4
					229.0		15.0	27.8



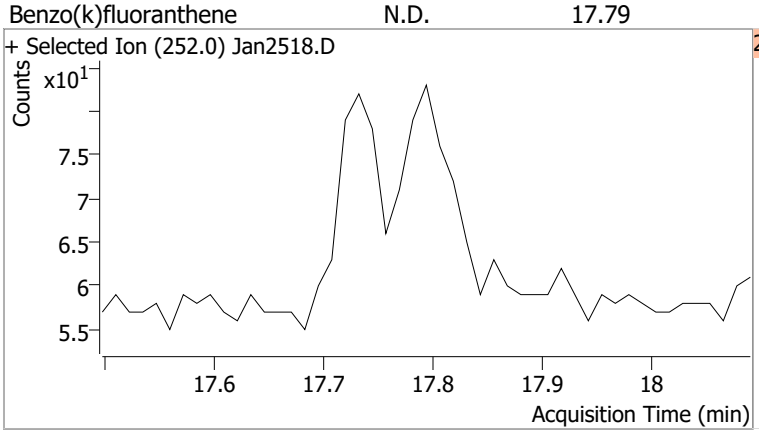


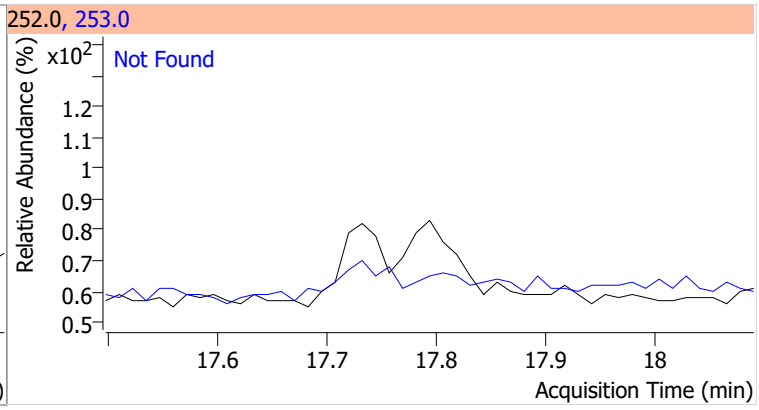
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



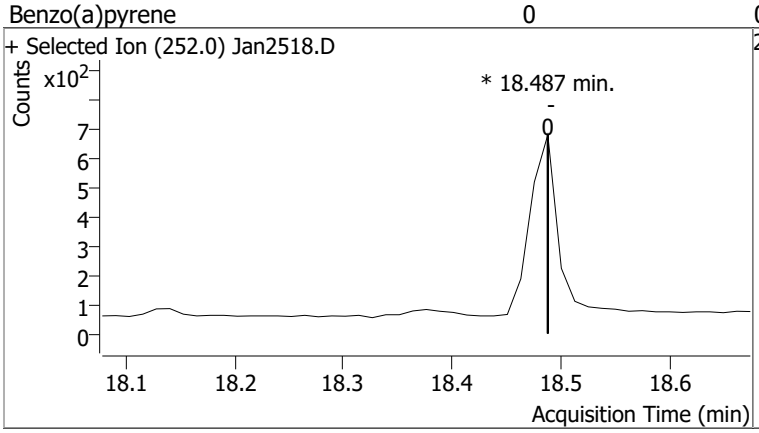


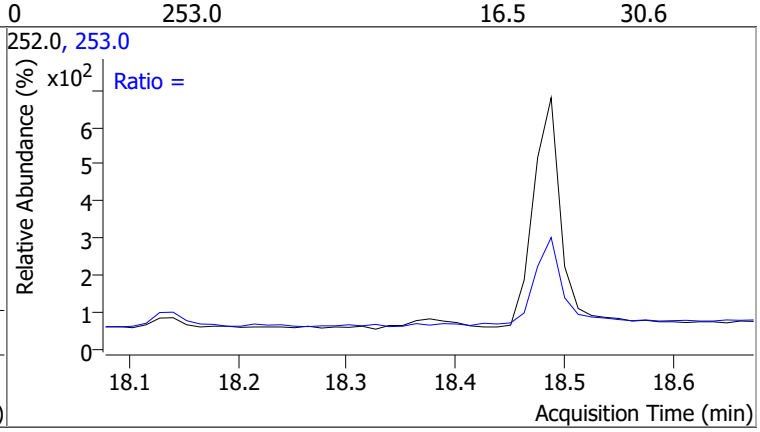
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



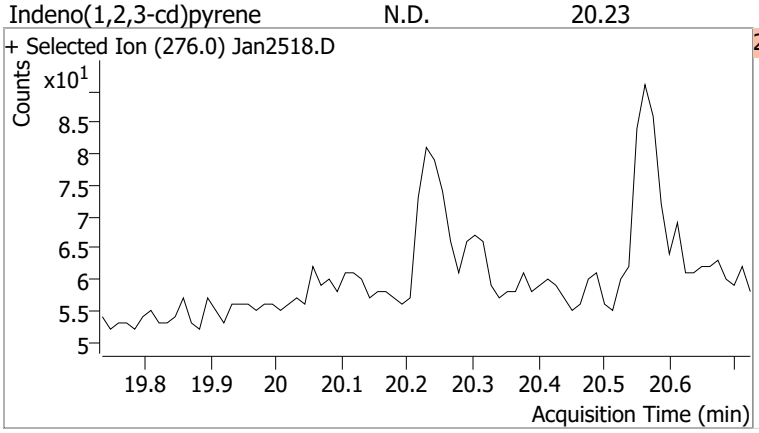


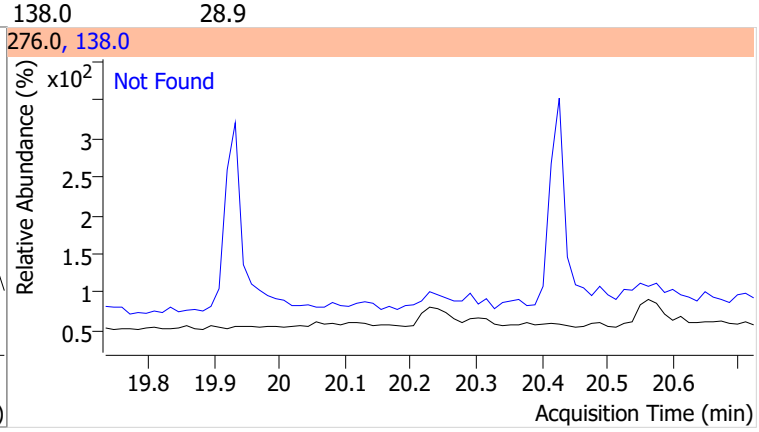
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



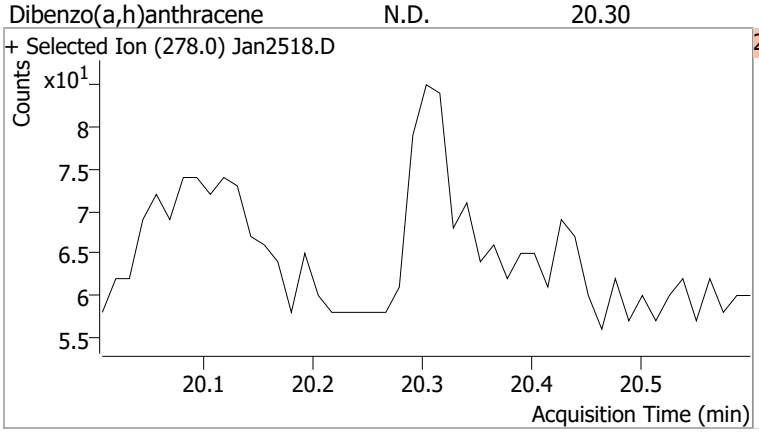


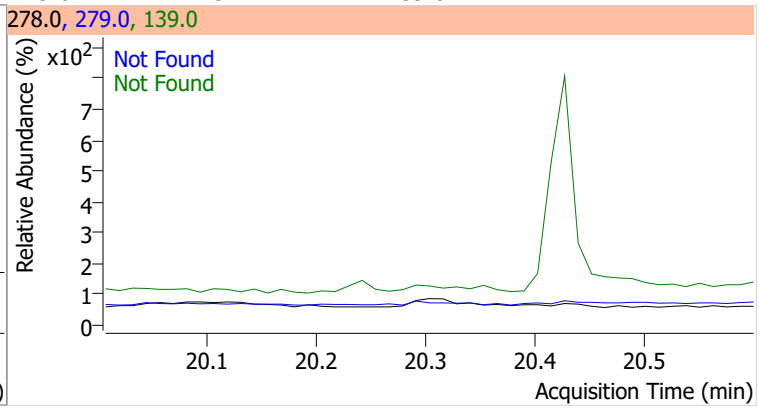
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



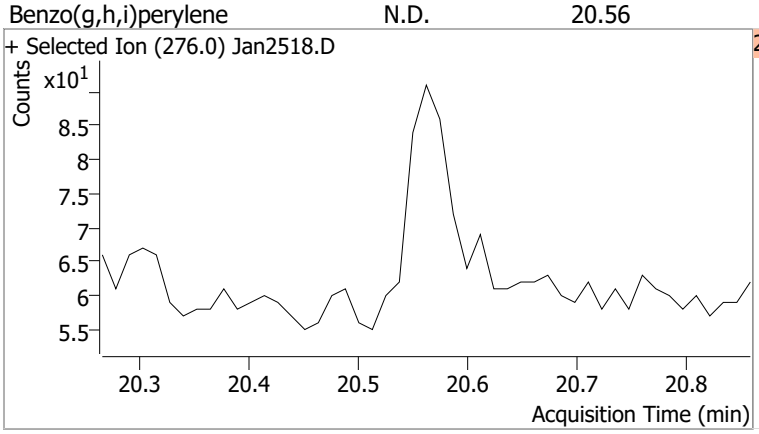


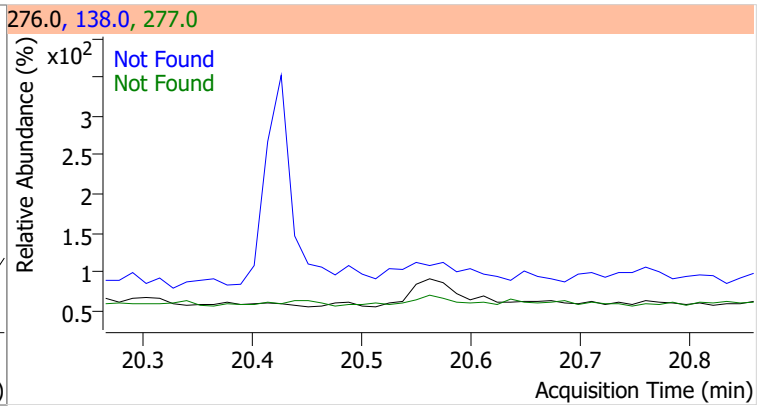
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1





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

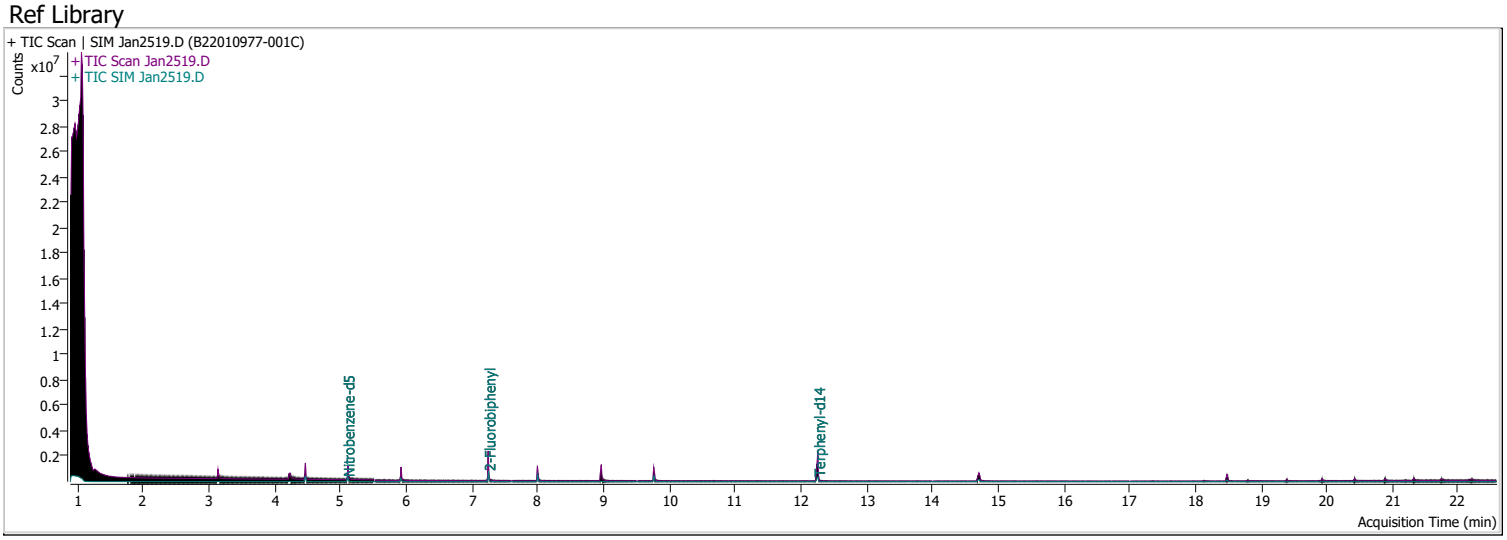




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

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			

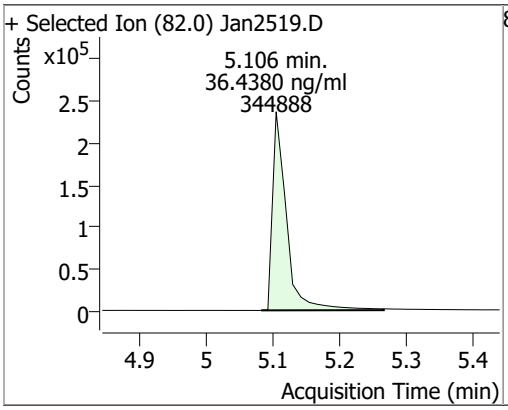


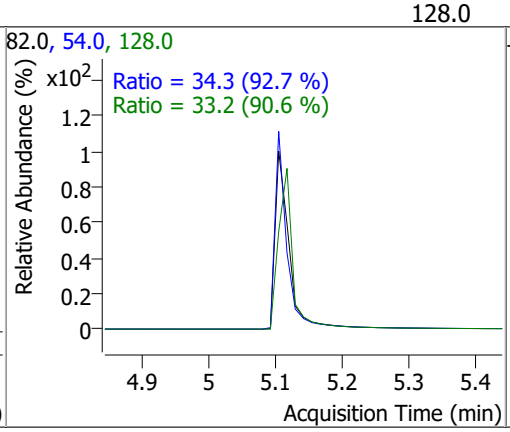
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	177303	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	323389	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.000	164.0	192294	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	379928	40.0000	ng/ml		-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
System Monitoring Compounds							
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%		*	
Target Compounds							**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	8.000	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	14.714	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.			

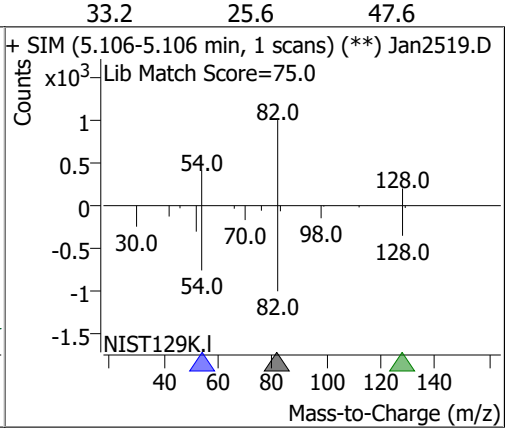
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.			
T Benzo(a)pyrene	18.487	252.0	0		ng/ml	md	1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.			
T Dibenzo(a,h)anthracene	0.000		0	N.D.			
T Benzo(g,h,i)perylene	0.000		0	N.D.			

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

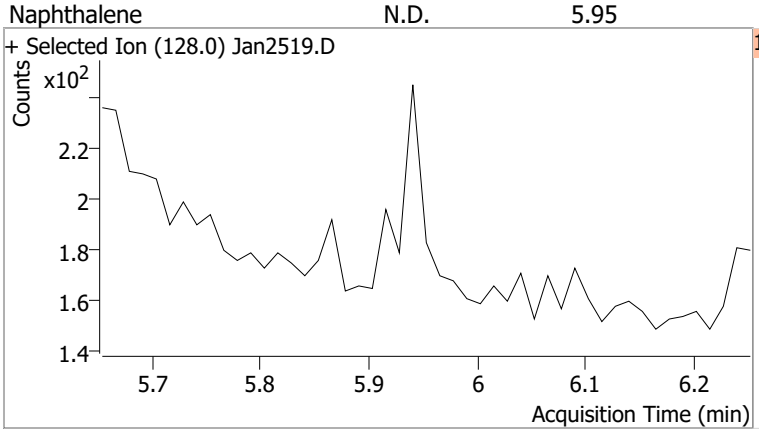
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	36.4380	5.11	-0.04	344888	54.0	34.3	25.9	48.1
					128.0	33.2	25.6	47.6

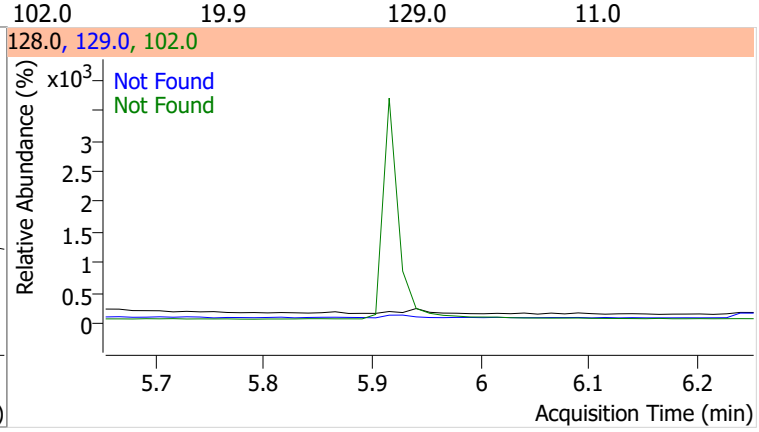




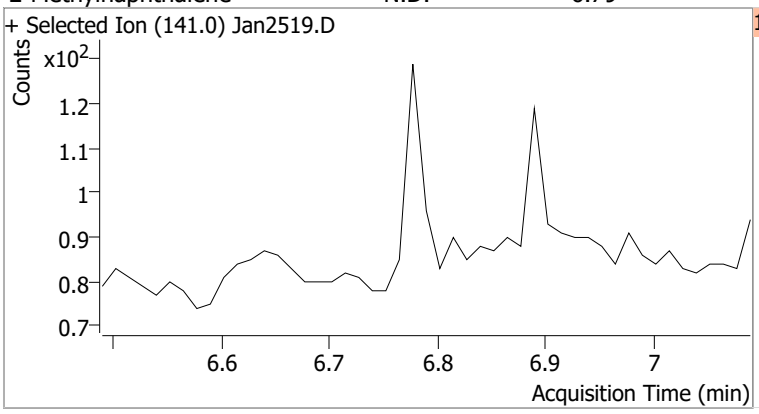


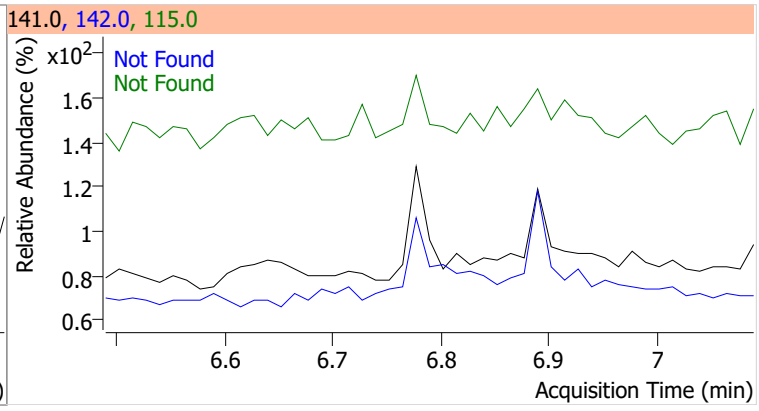
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



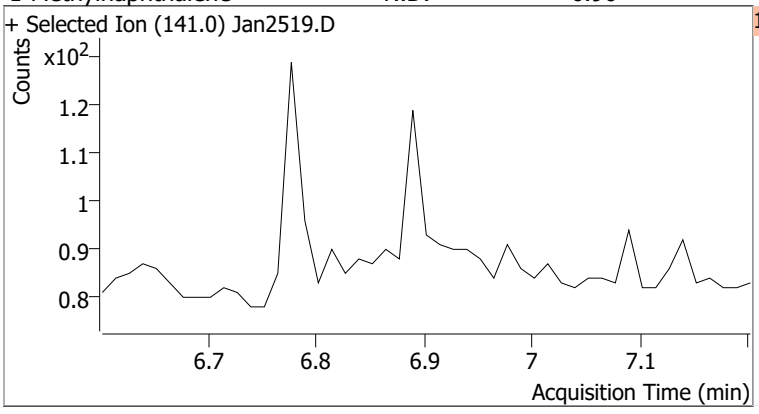


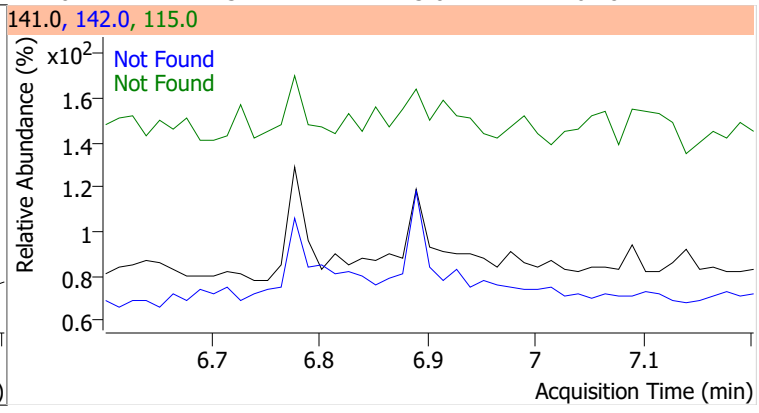
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



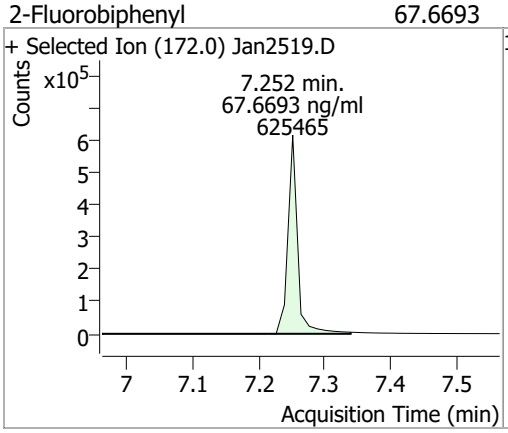


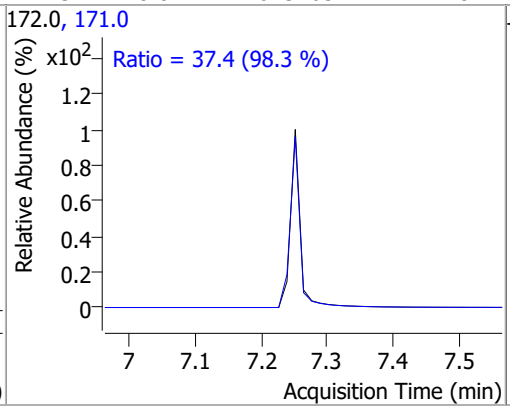
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

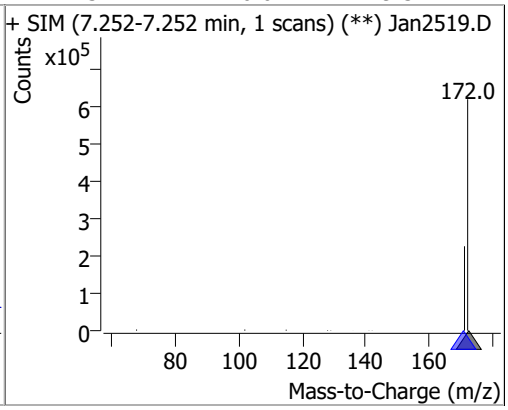




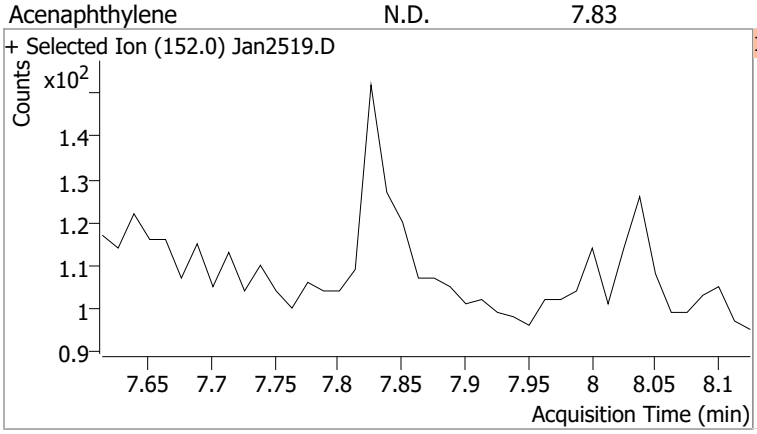
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	67.6693	7.25	-0.01	625465	171.0	37.4	26.6	49.5

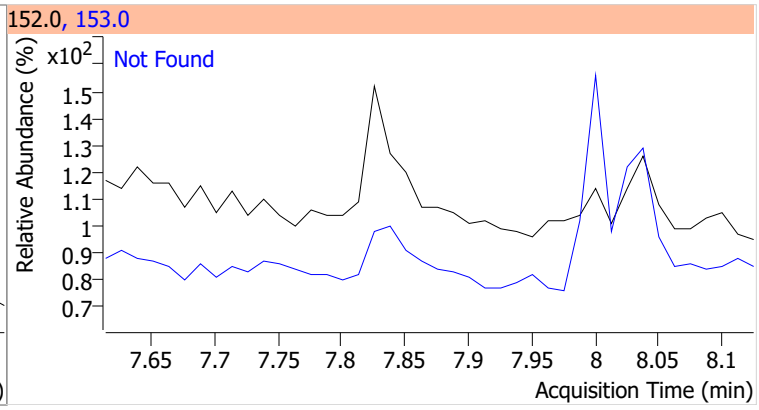




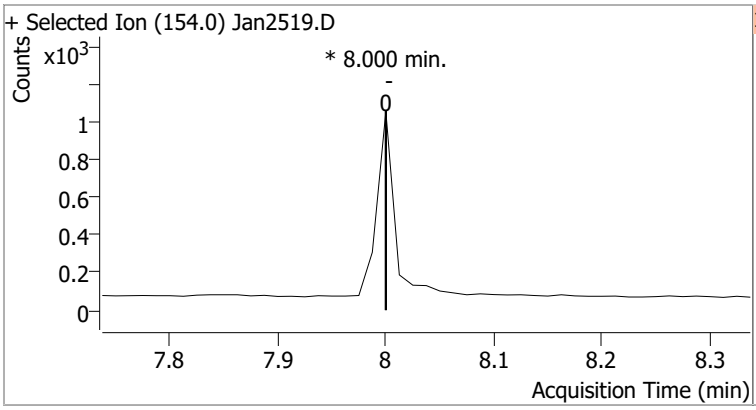


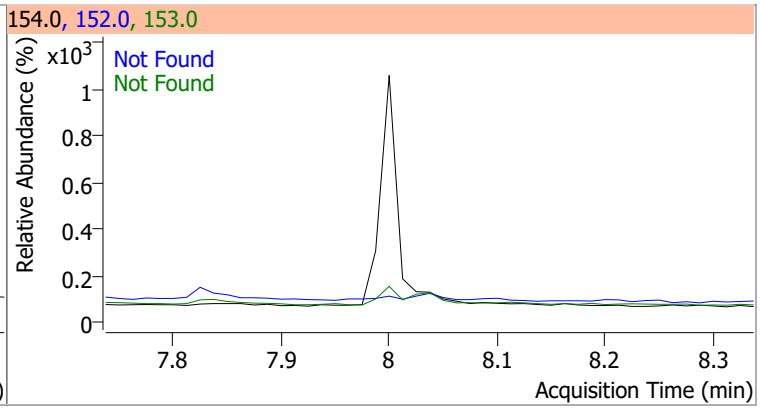
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



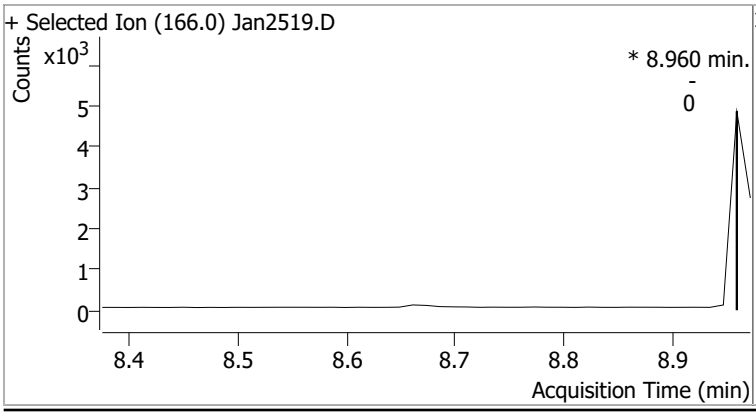


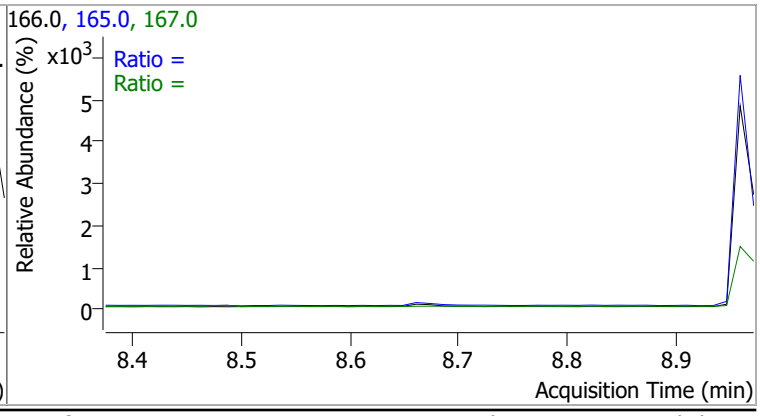
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1



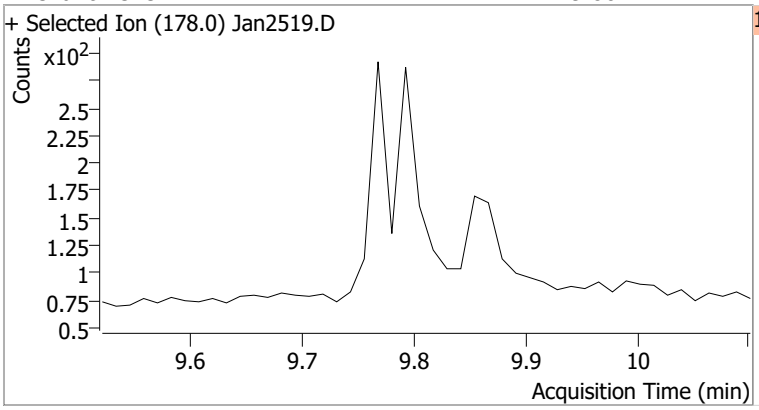


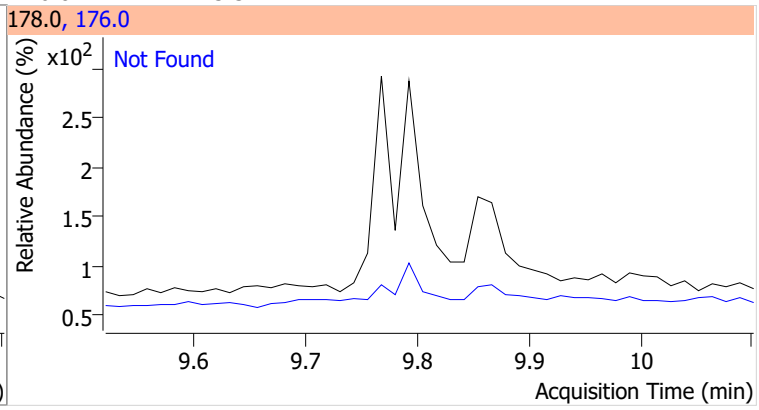
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		69.1	128.3
					167.0		9.7	18.0



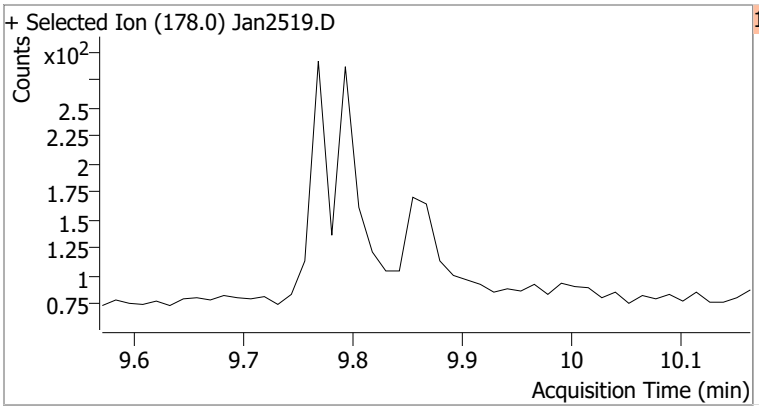


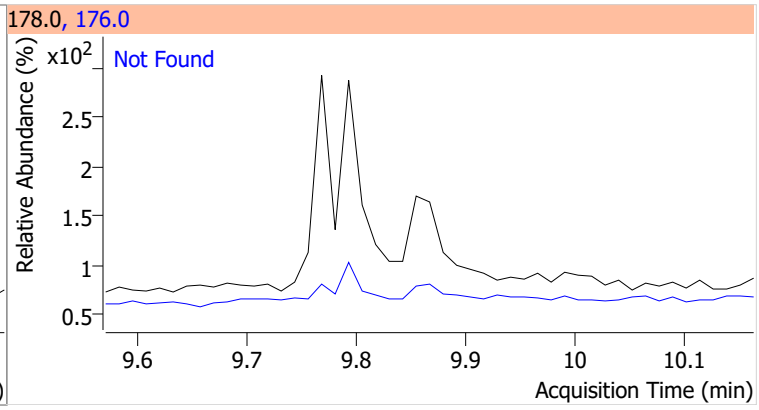
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



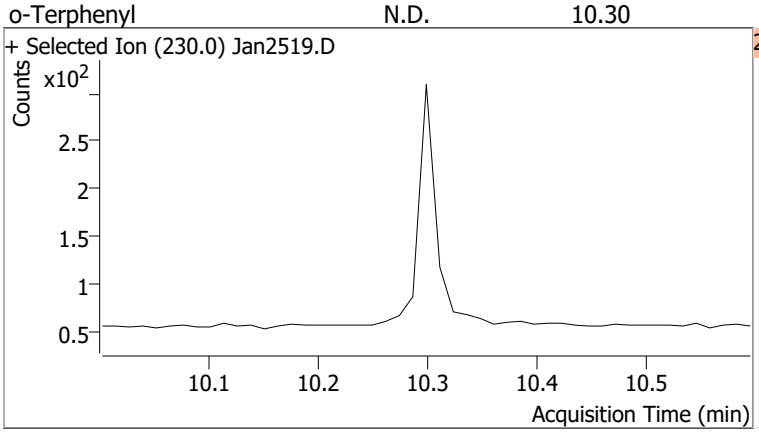


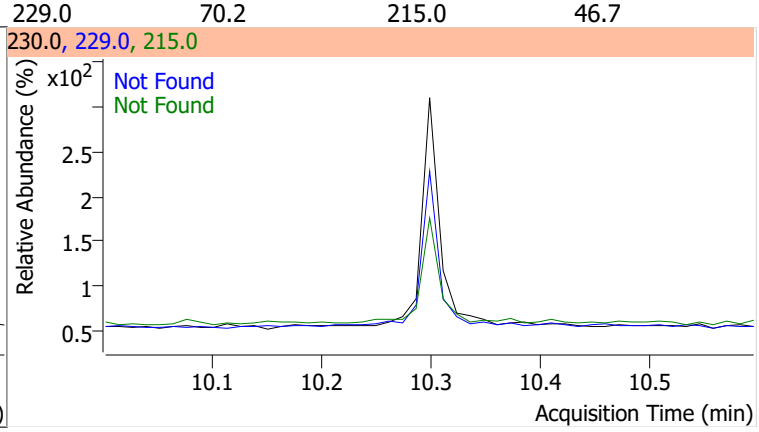
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.87	176.0	18.1



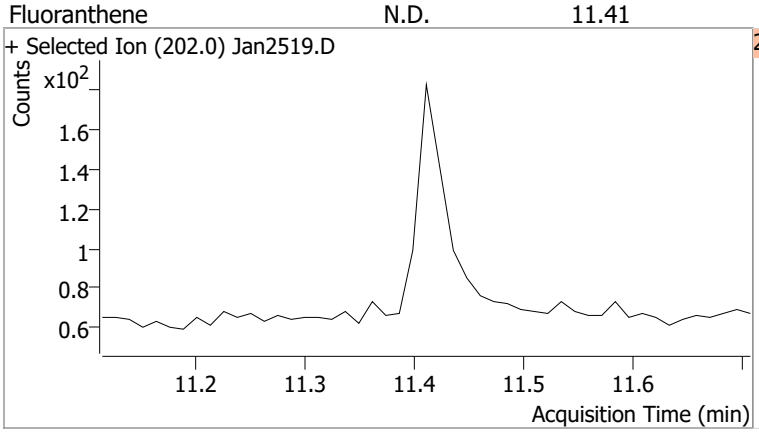


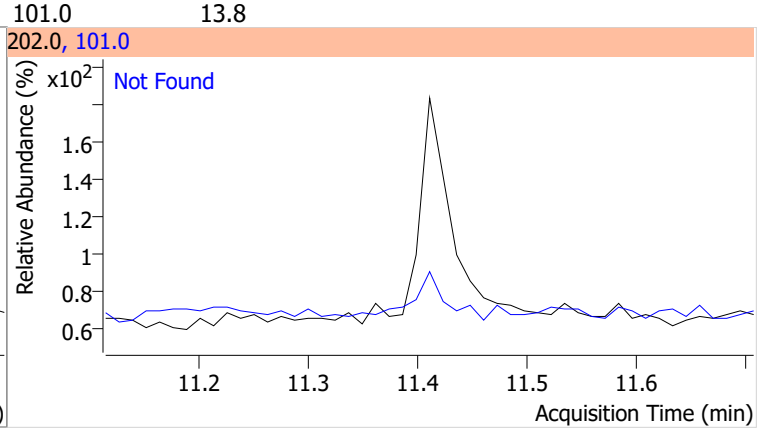
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	70.2	215.0	46.7



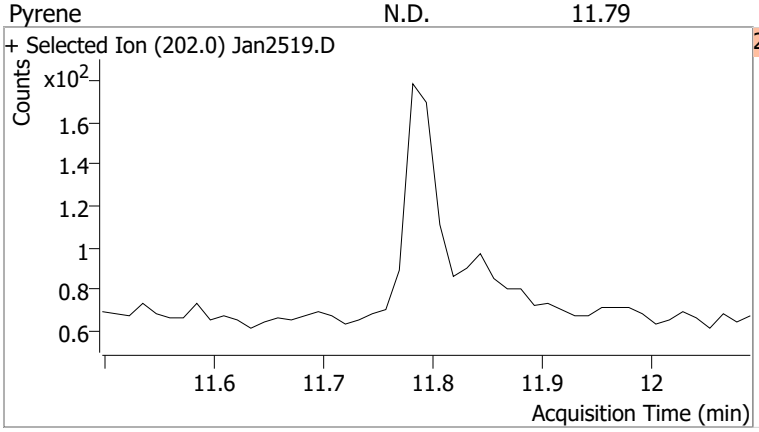


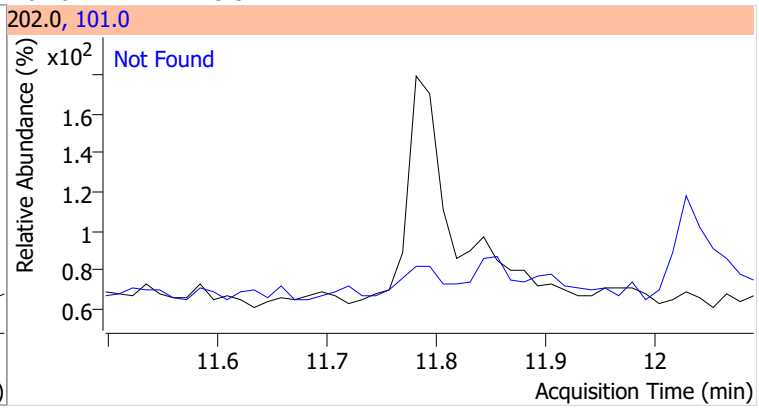
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8



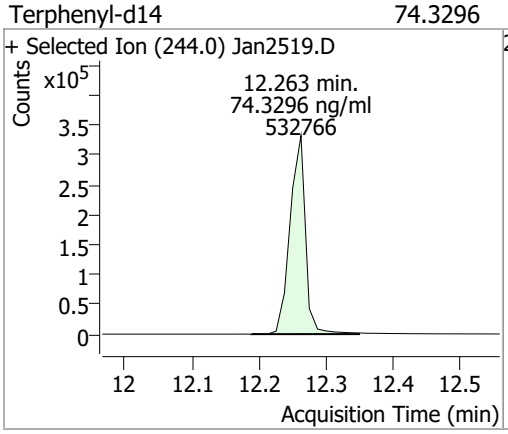


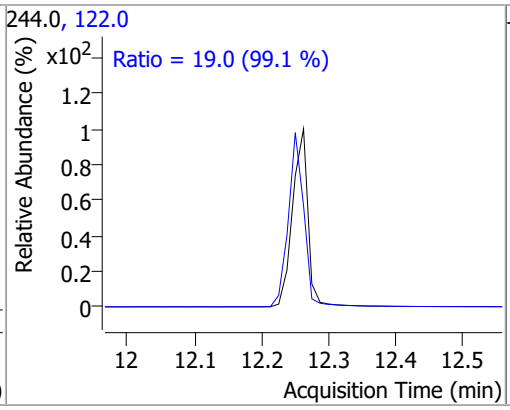
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.79	101.0	15.3

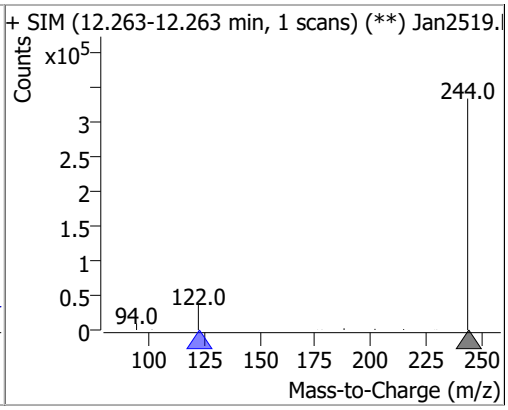




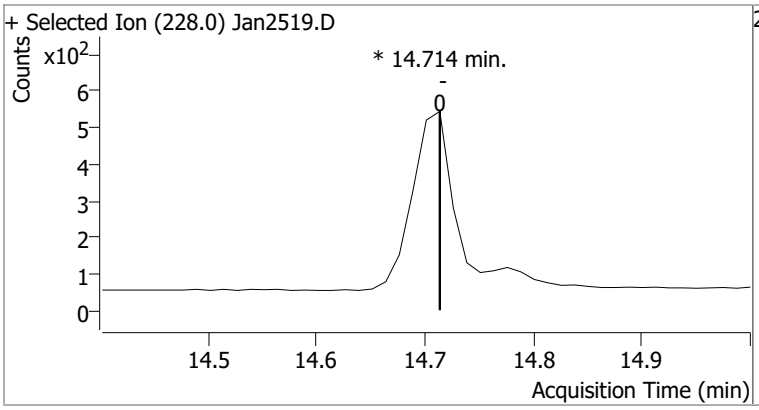
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	74.3296	12.26	0.00	532766	122.0	19.0	13.4	25.0

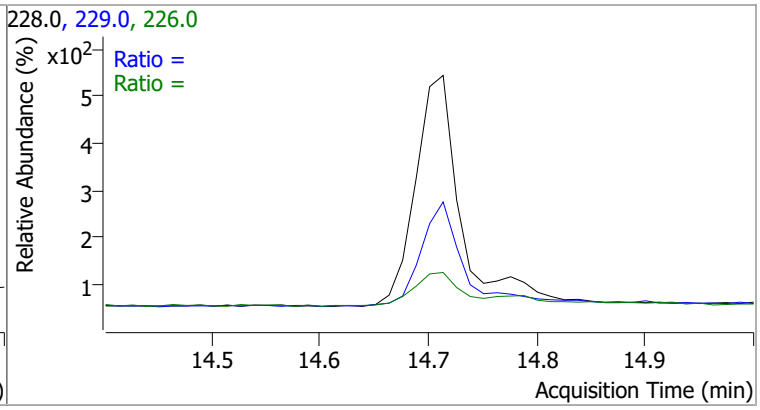




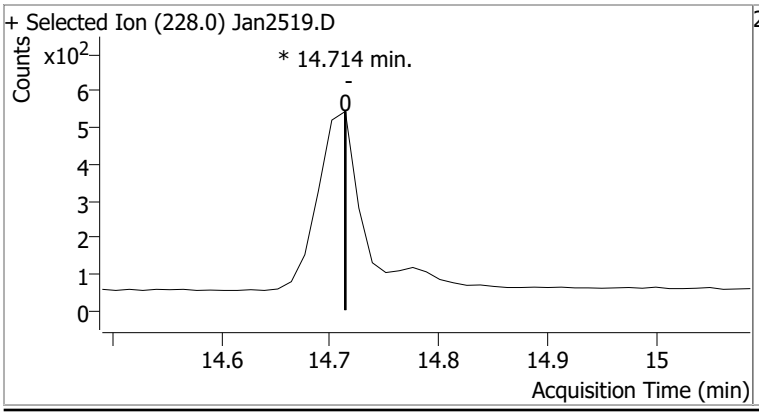


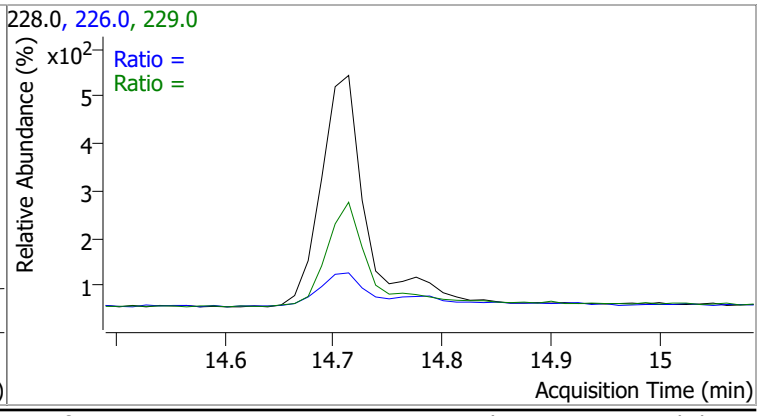
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene		0		0	226.0		18.9	35.1
					229.0		16.1	29.9



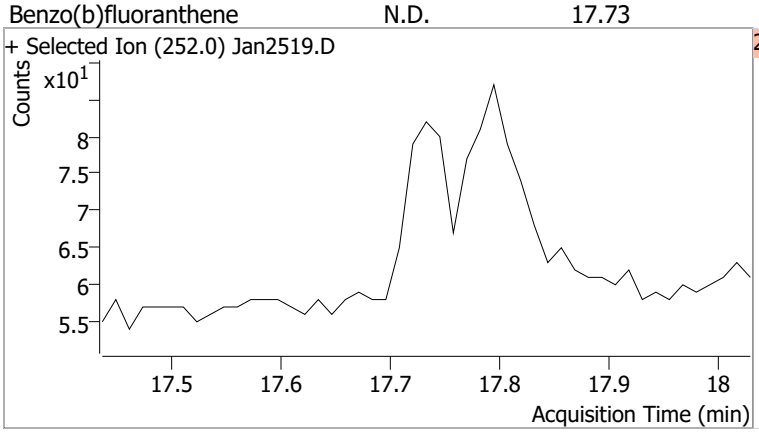


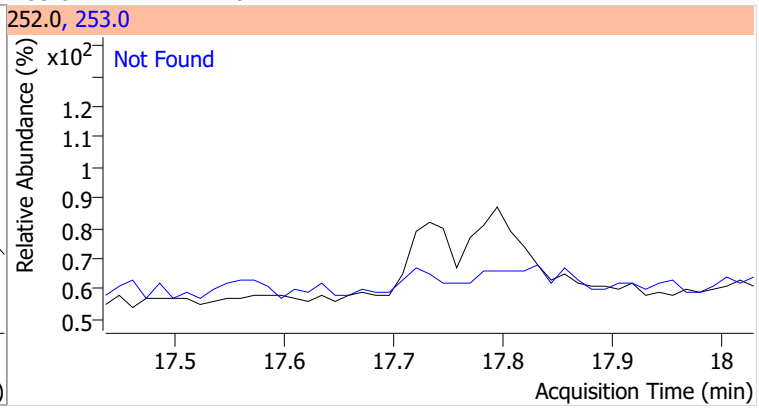
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene		0		0	226.0		21.2	39.4
					229.0		15.0	27.8



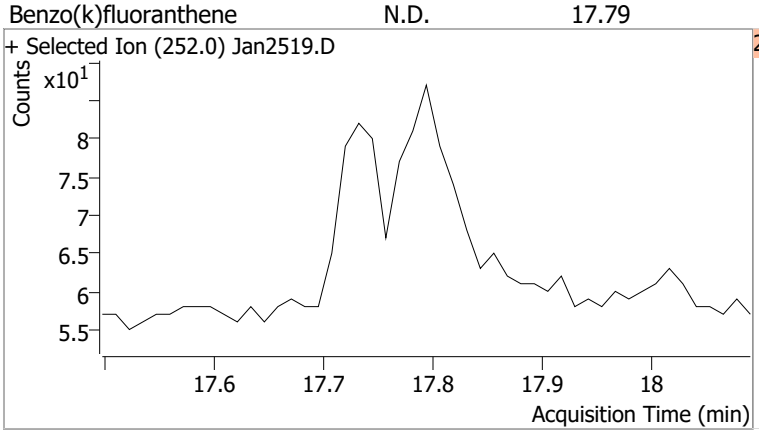


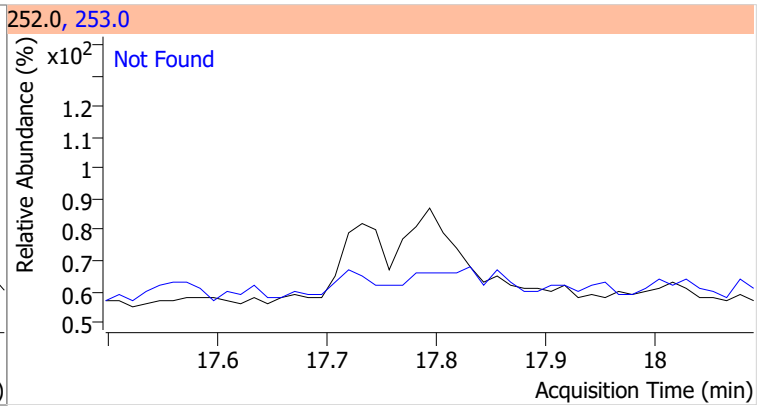
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



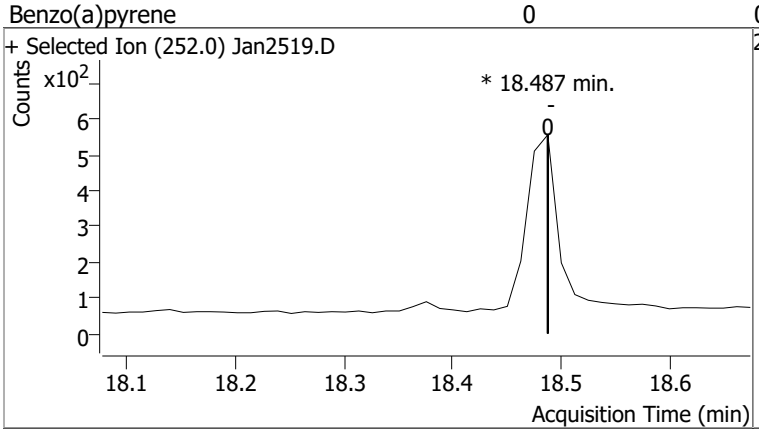


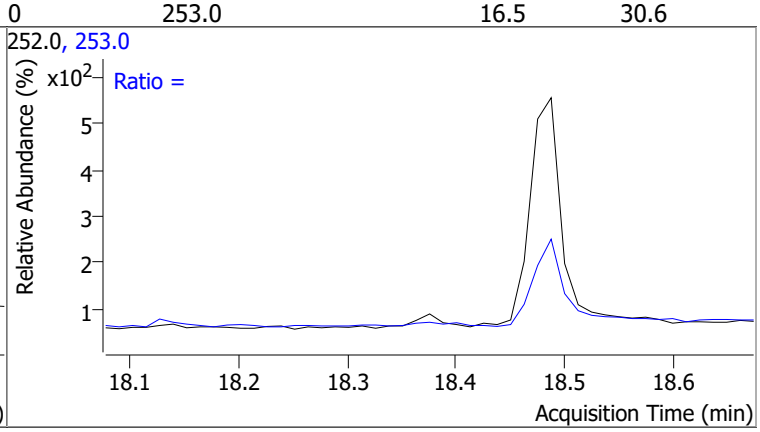
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



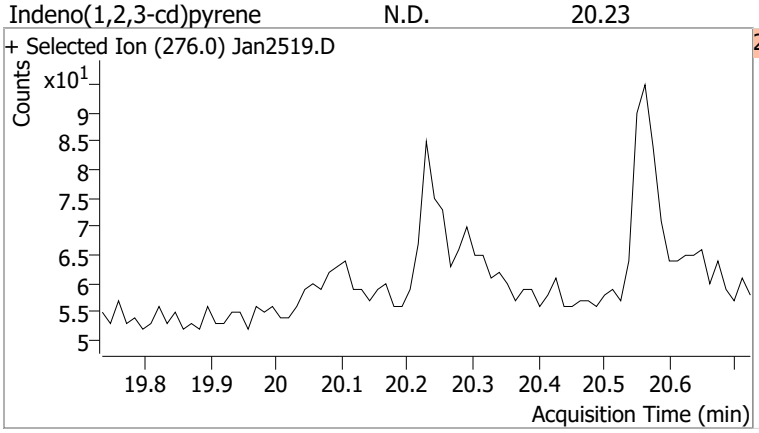


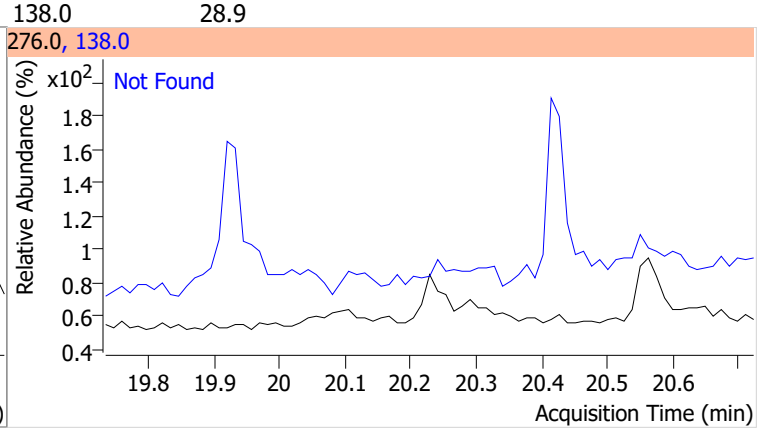
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



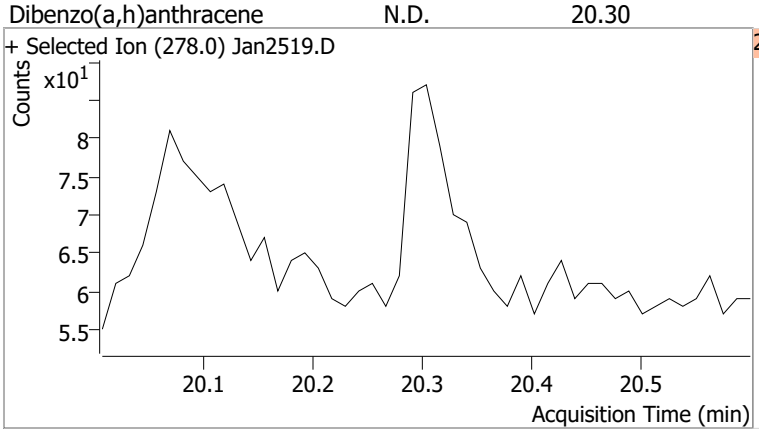


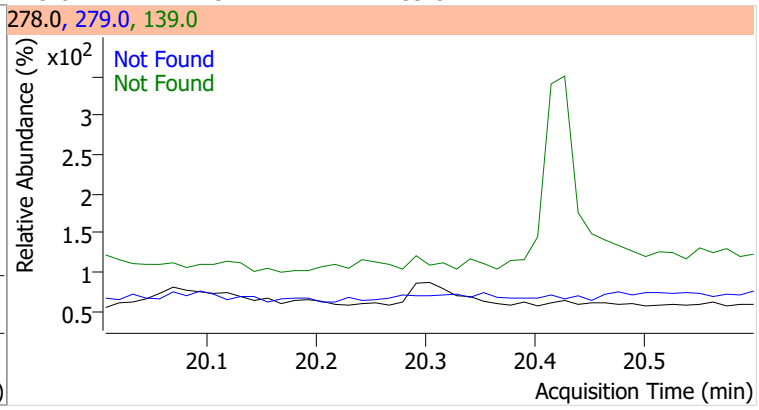
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



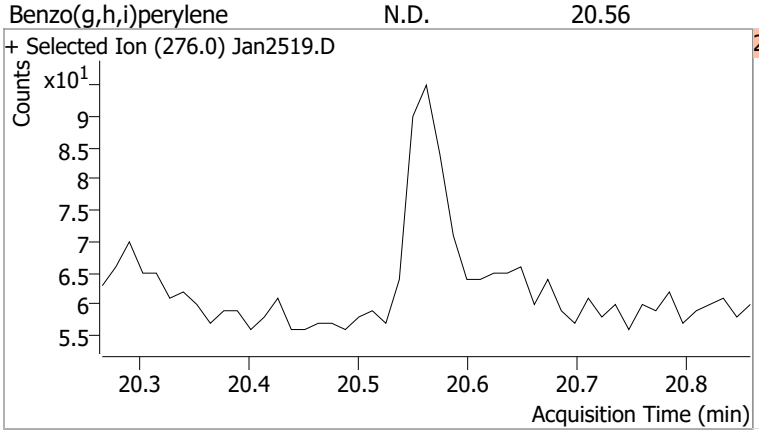


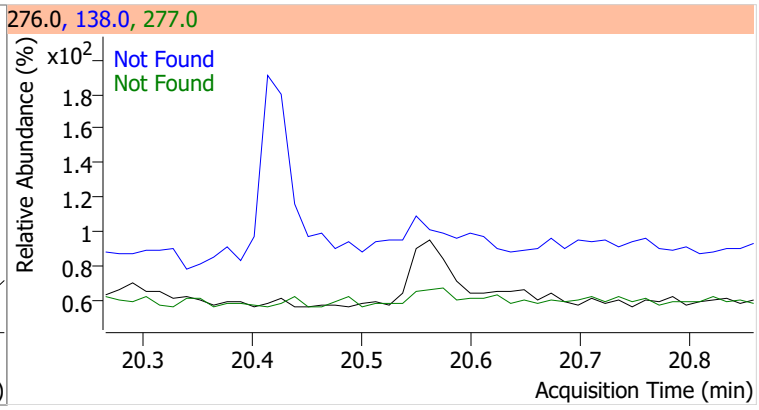
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1





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

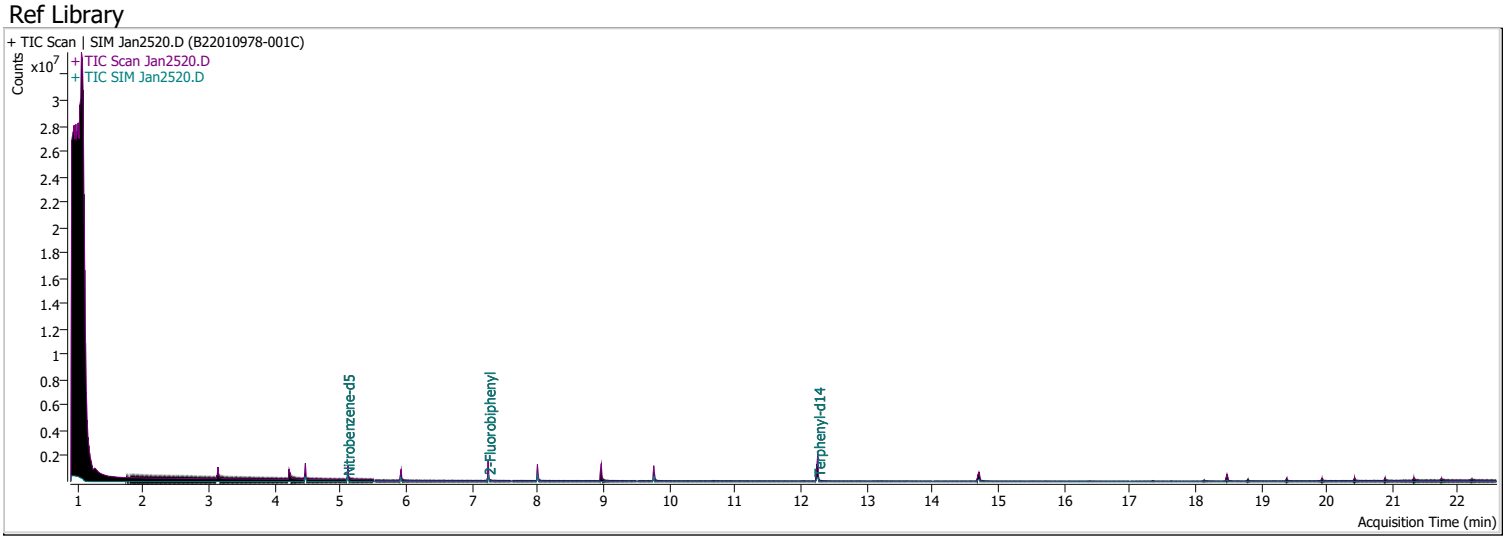




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

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			

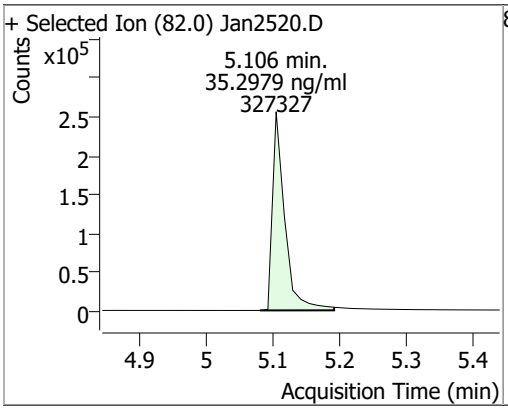


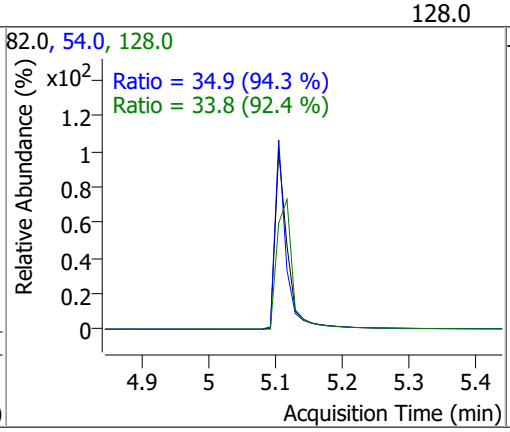
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	177475	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	327221	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.000	164.0	195137	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	384573	40.0000	ng/ml		-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
System Monitoring Compounds							
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%		*	
Target Compounds							**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	8.000	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.			

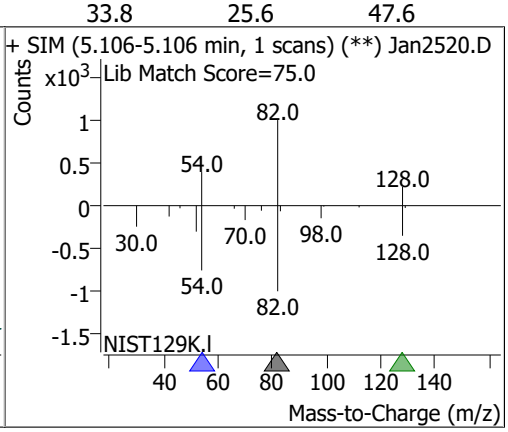
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.			
T Benzo(a)pyrene	18.475	252.0	0		ng/ml	md	1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.			
T Dibenzo(a,h)anthracene	0.000		0	N.D.			
T Benzo(g,h,i)perylene	0.000		0	N.D.			

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

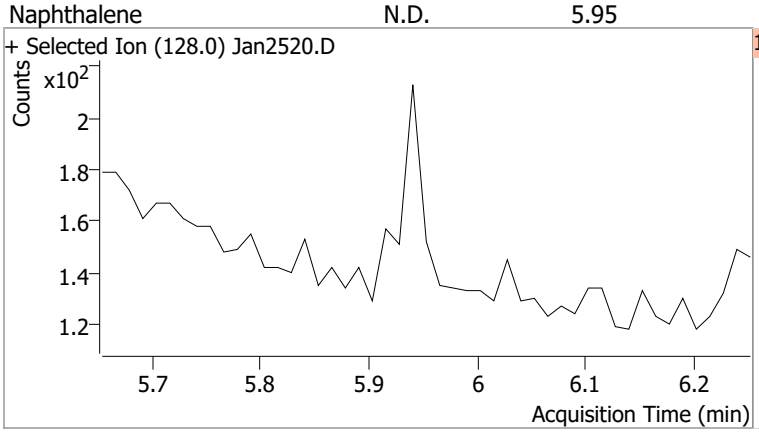
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	35.2979	5.11	-0.04	327327	54.0	34.9	25.9	48.1
					128.0	33.8	25.6	47.6

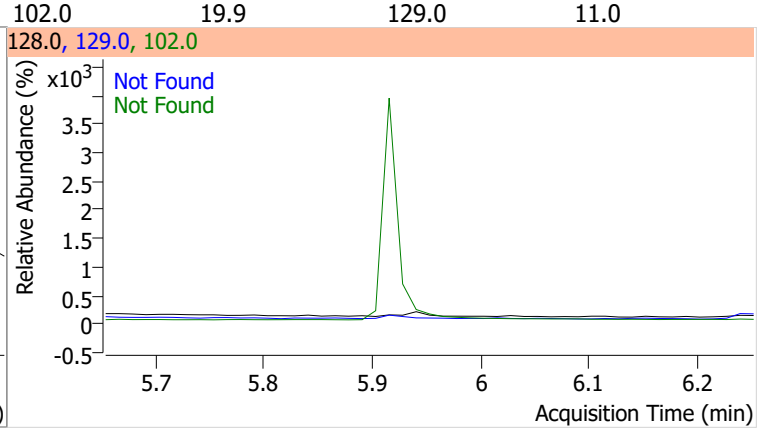




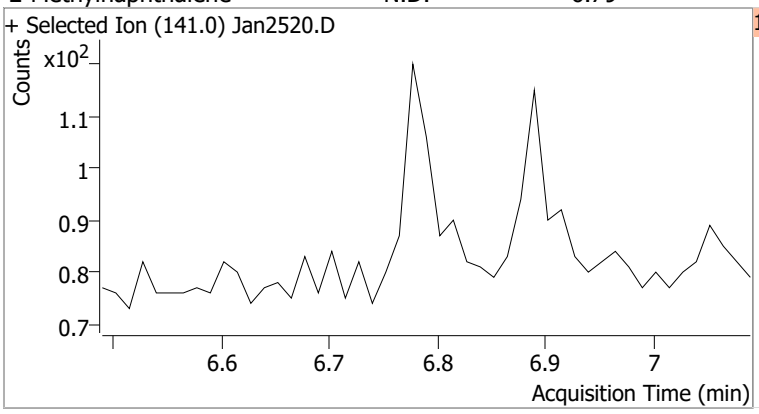


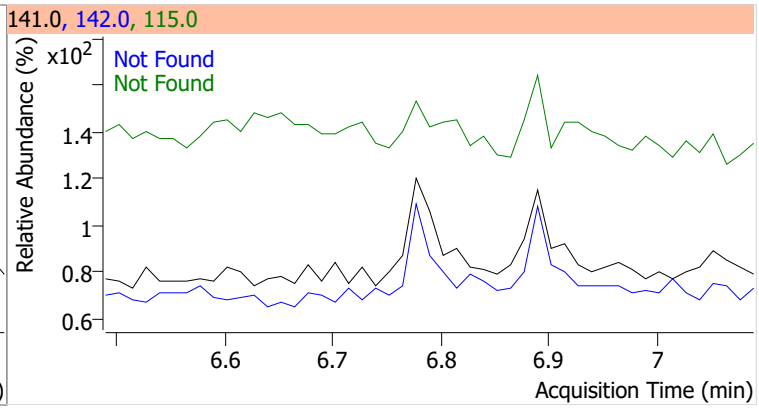
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



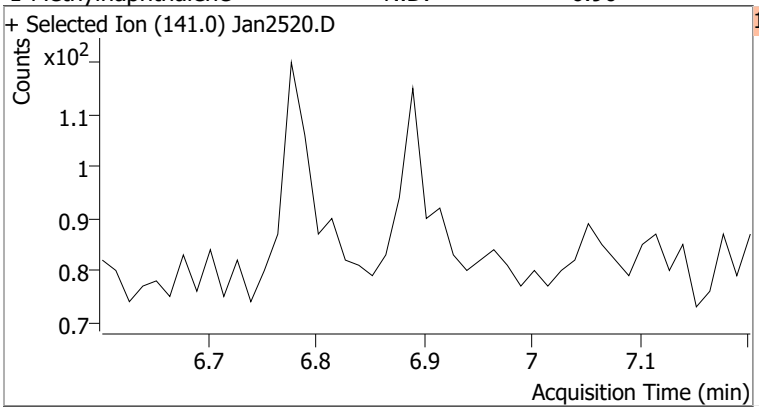


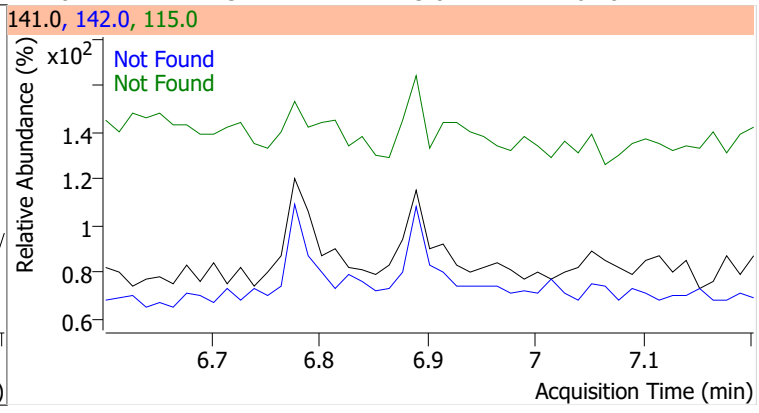
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



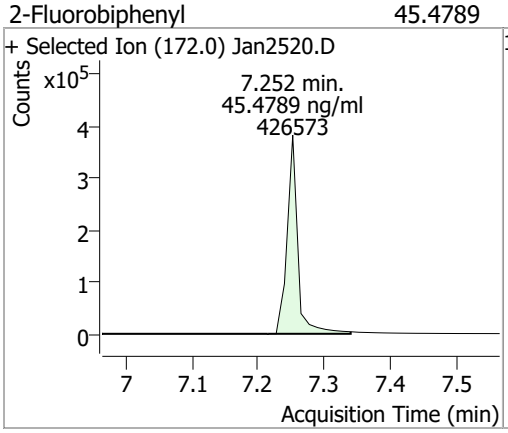


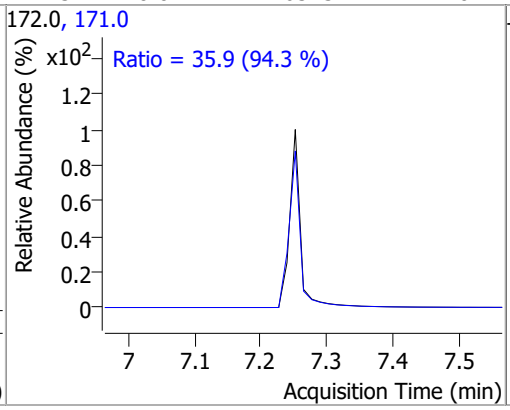
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

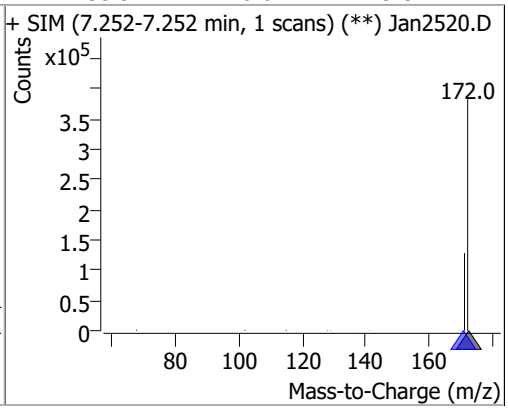




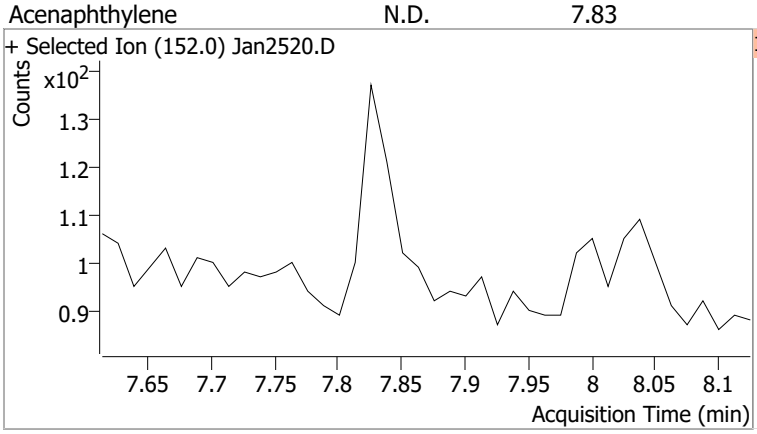
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	45.4789	7.25	-0.01	426573	171.0	35.9	26.6	49.5

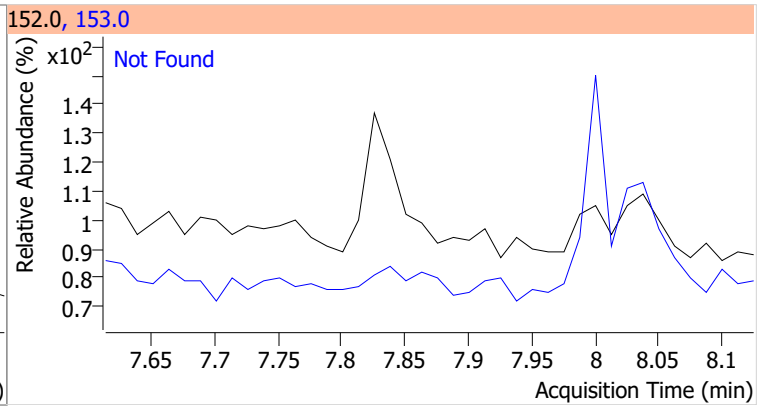




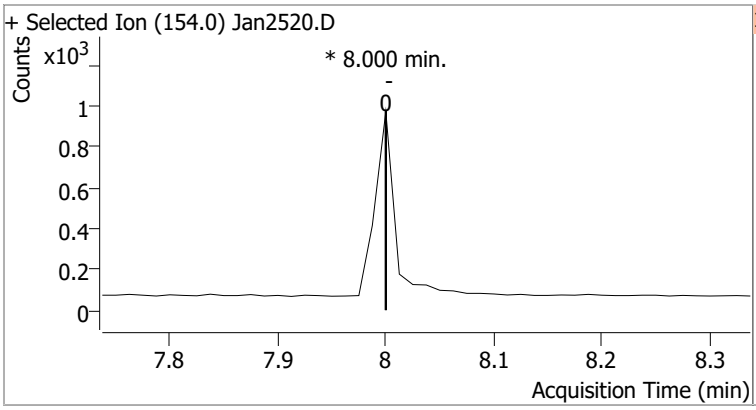


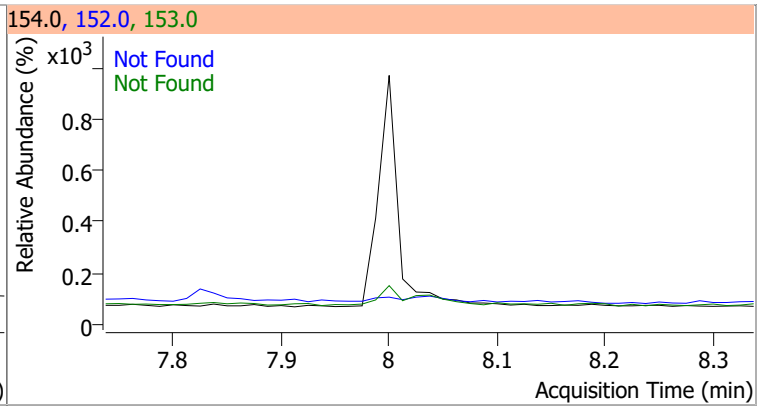
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



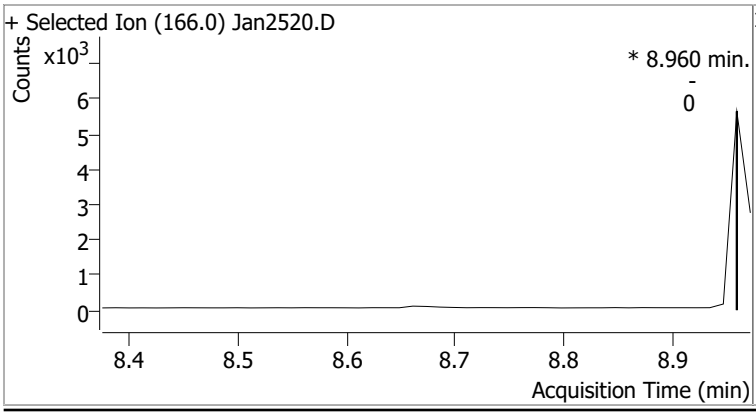


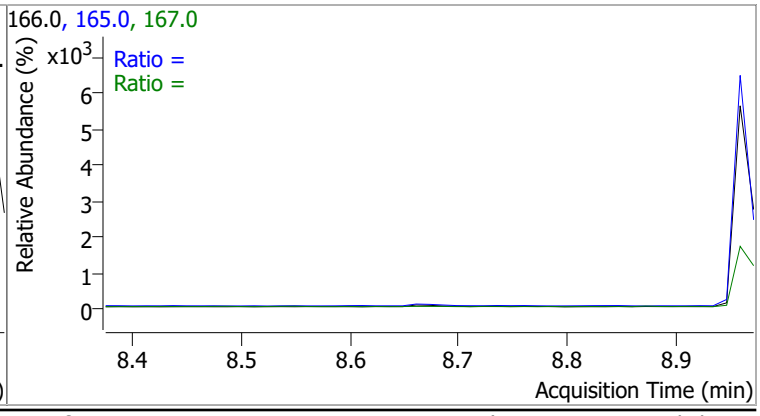
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1



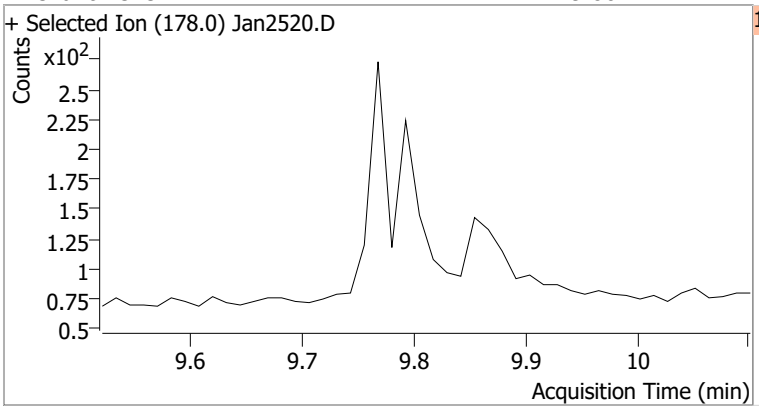


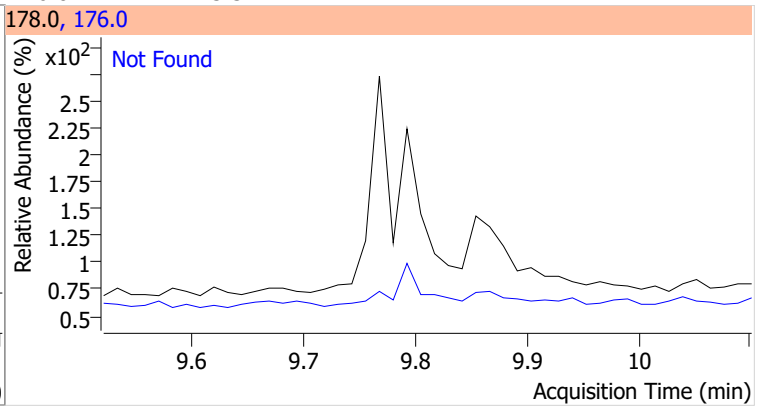
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		69.1	128.3
					167.0		9.7	18.0



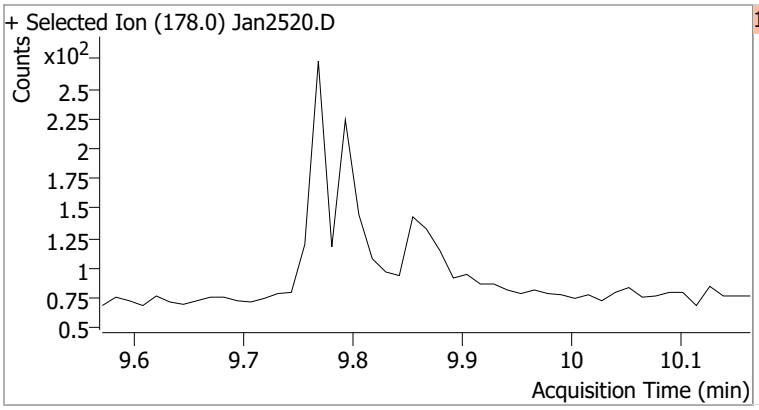


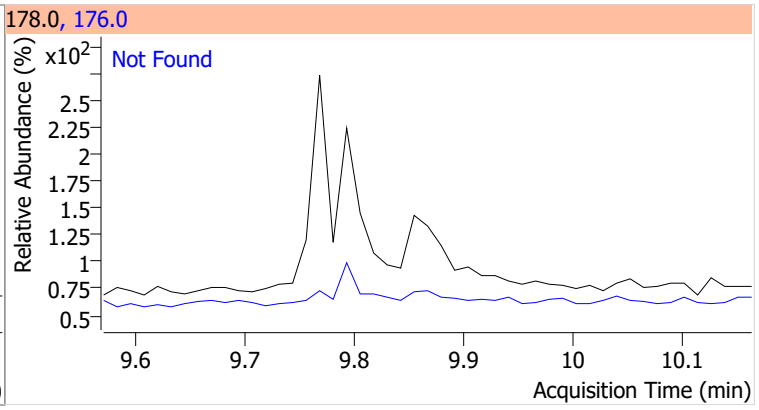
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



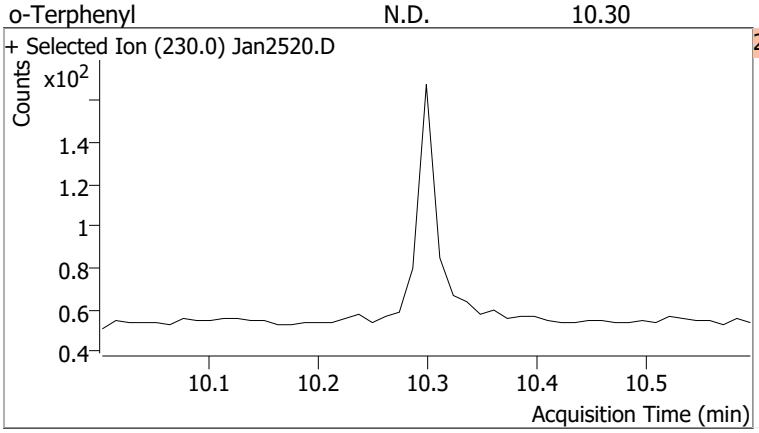


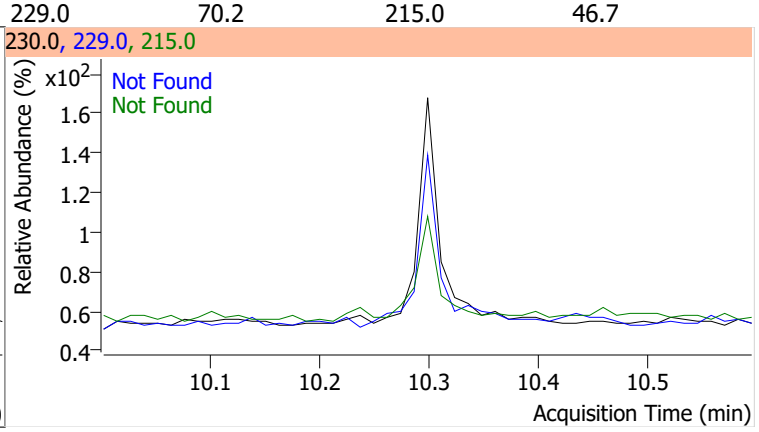
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.87	176.0	18.1



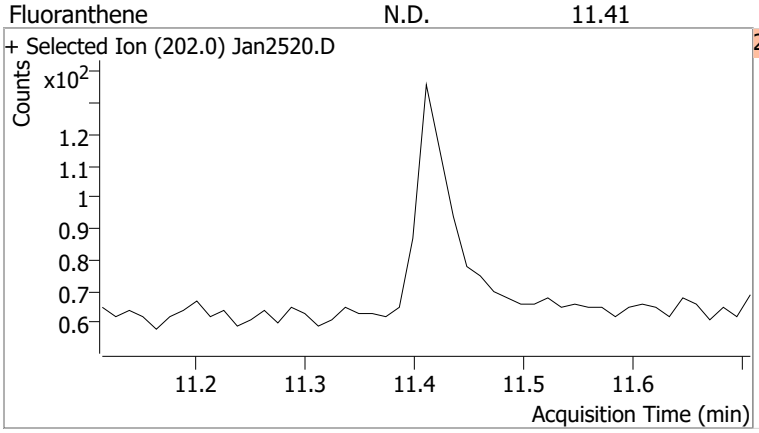


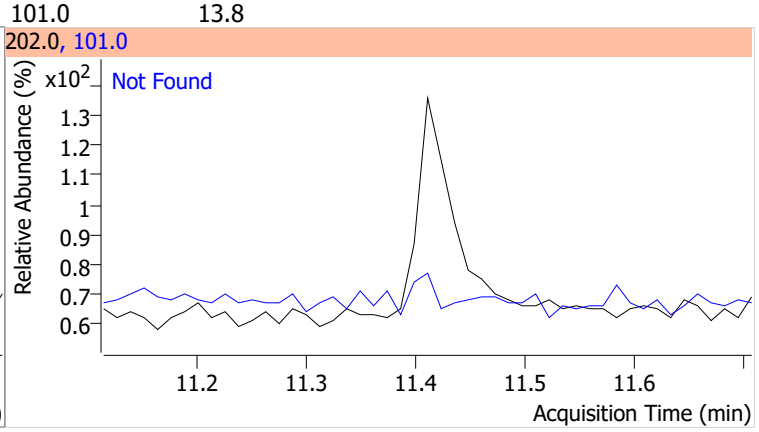
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	70.2	215.0	46.7



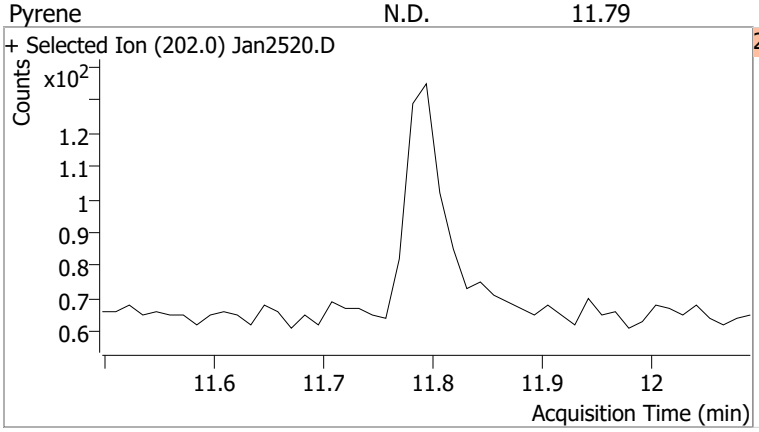


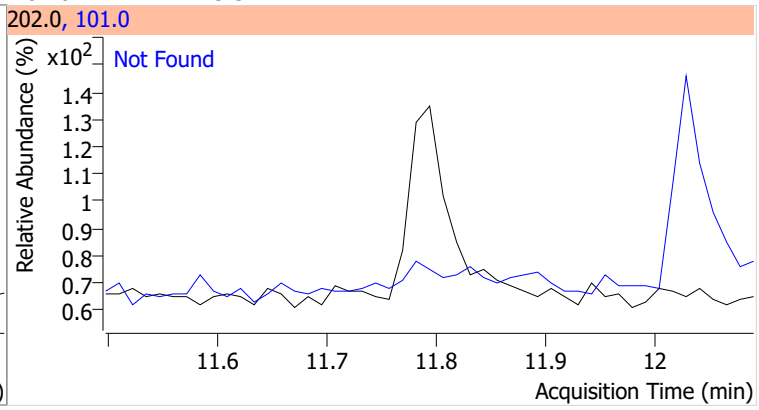
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8



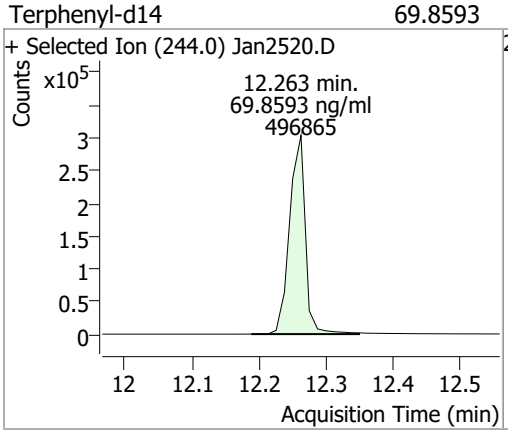


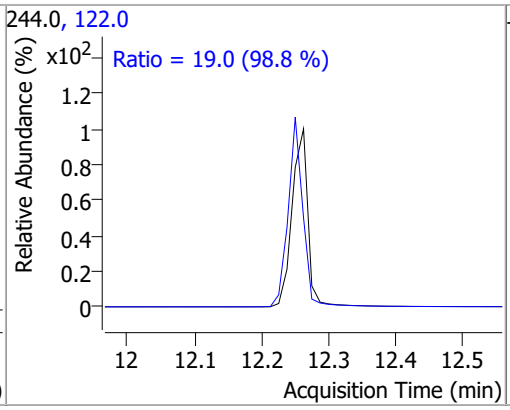
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.79	101.0	15.3

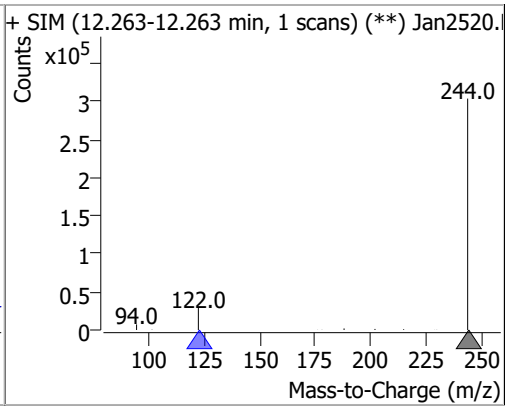




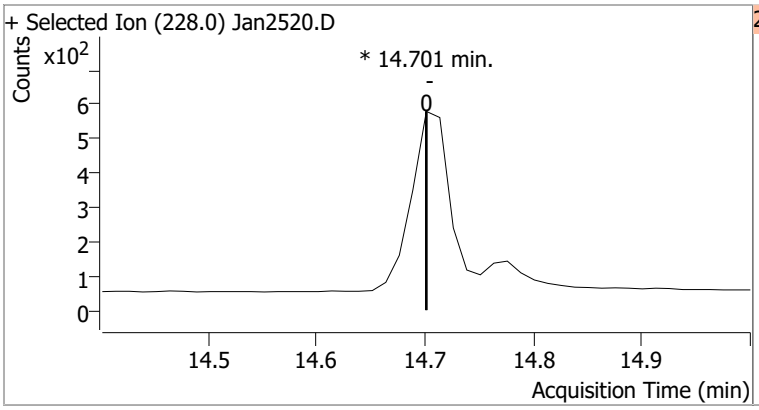
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	69.8593	12.26	0.00	496865	122.0	19.0	13.4	25.0

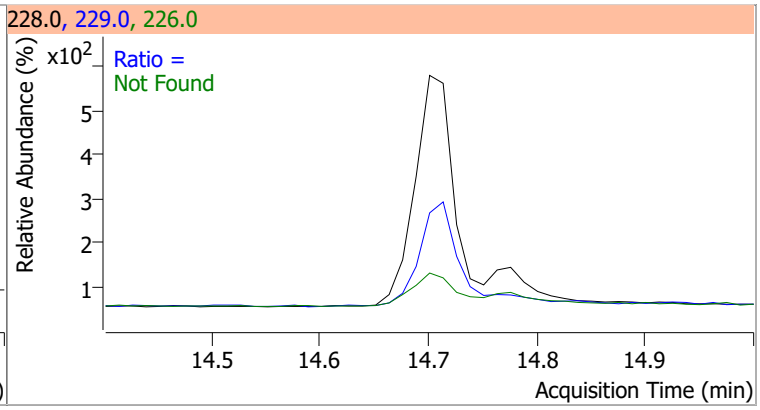




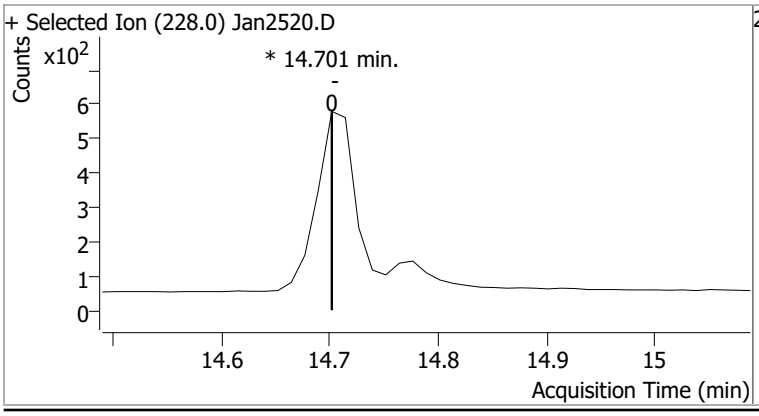


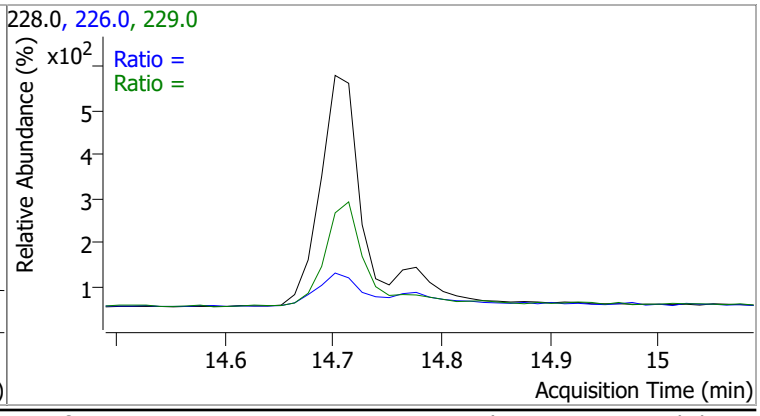
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene		0		0	226.0		18.9	35.1
					229.0		16.1	29.9



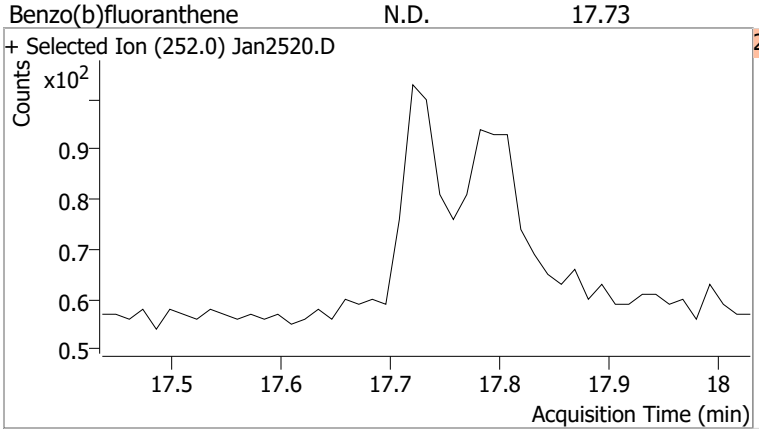


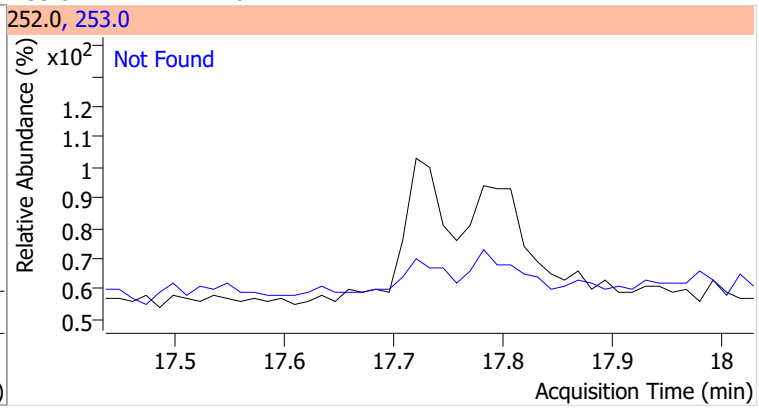
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene		0		0	226.0		21.2	39.4
					229.0		15.0	27.8



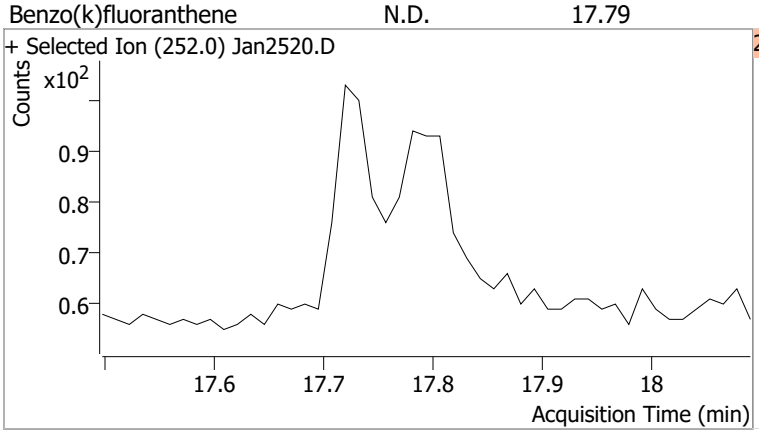


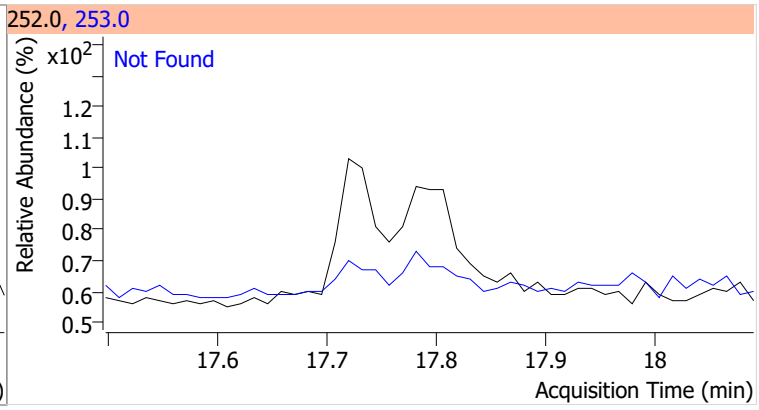
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



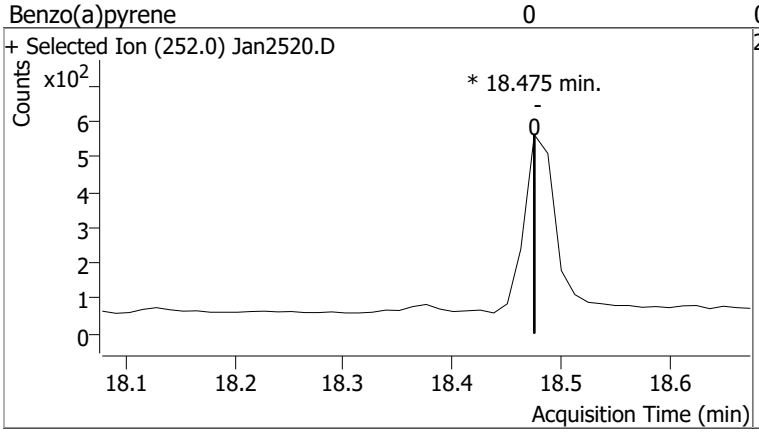


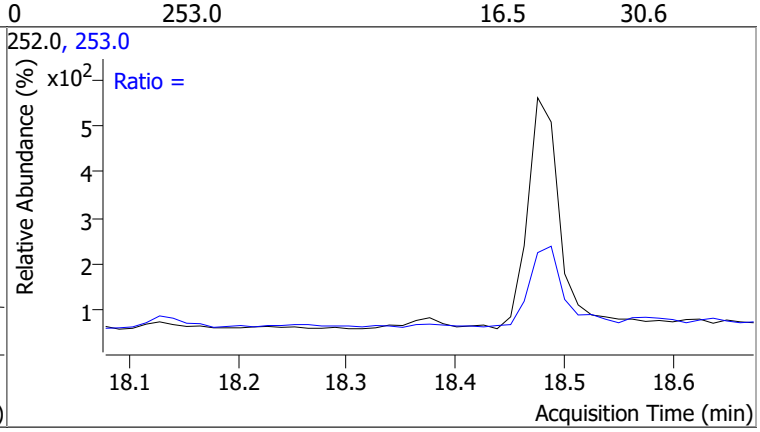
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



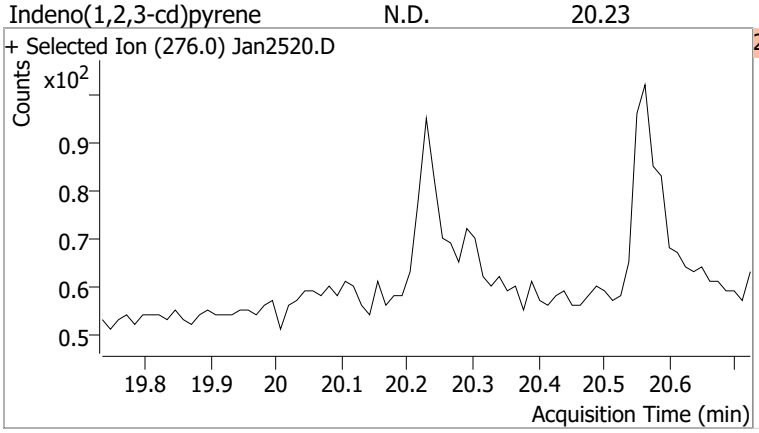


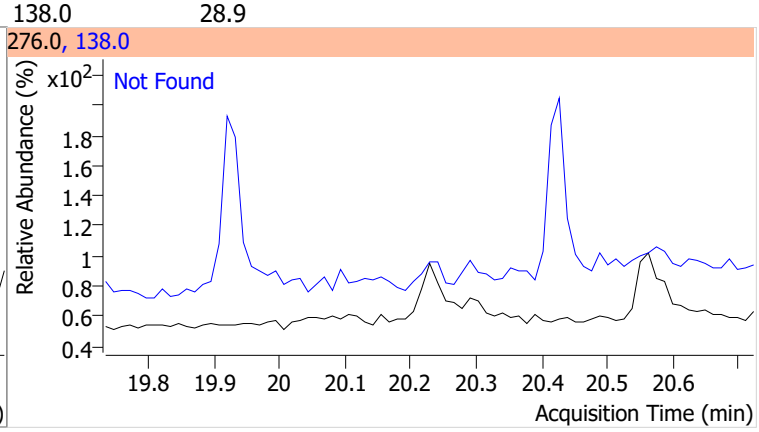
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



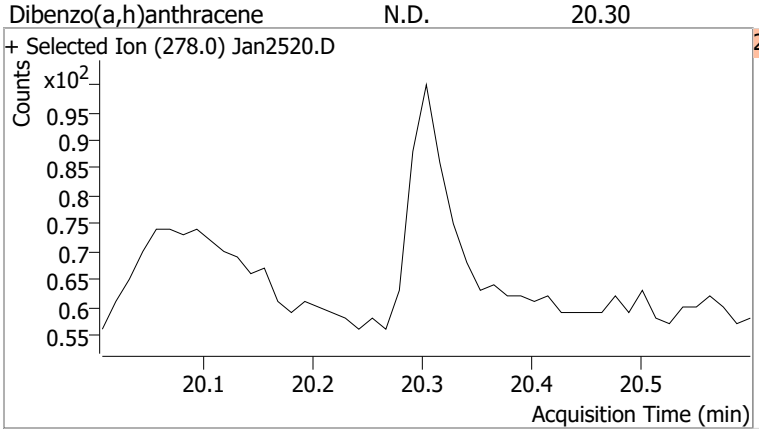


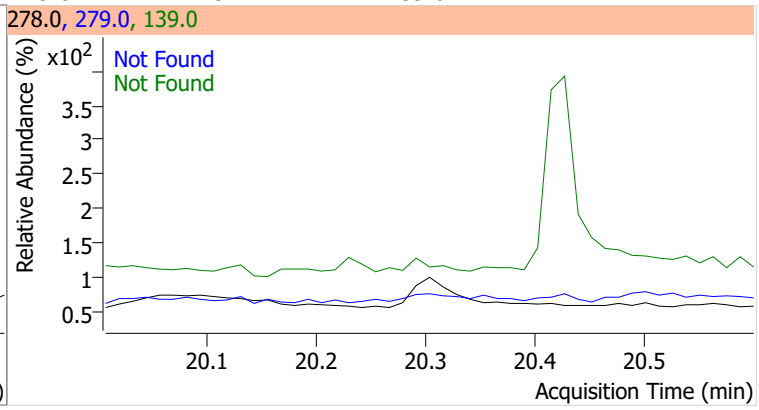
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



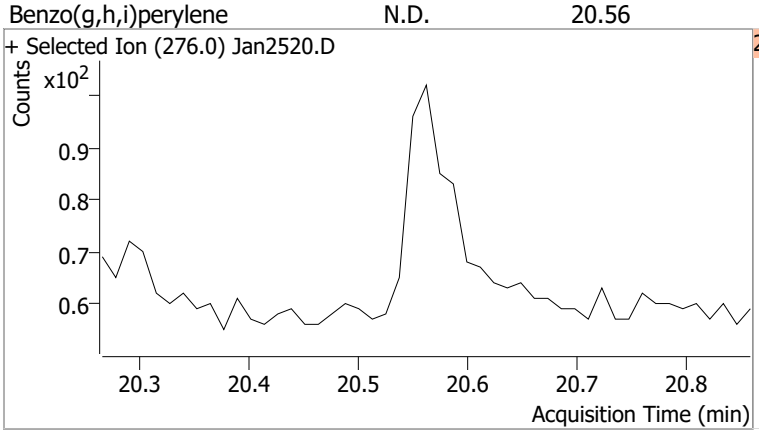


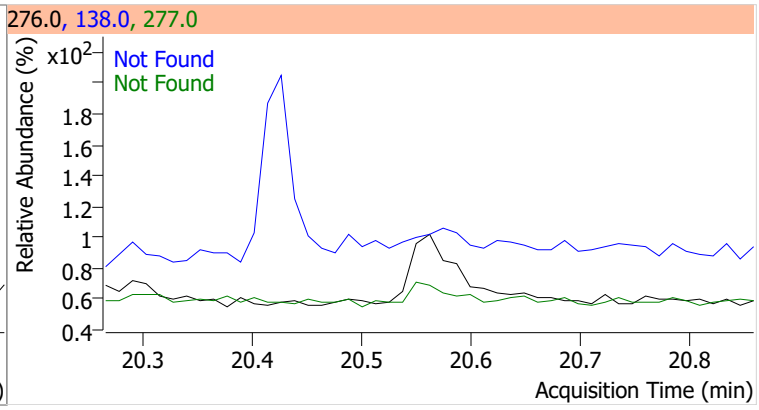
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1





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

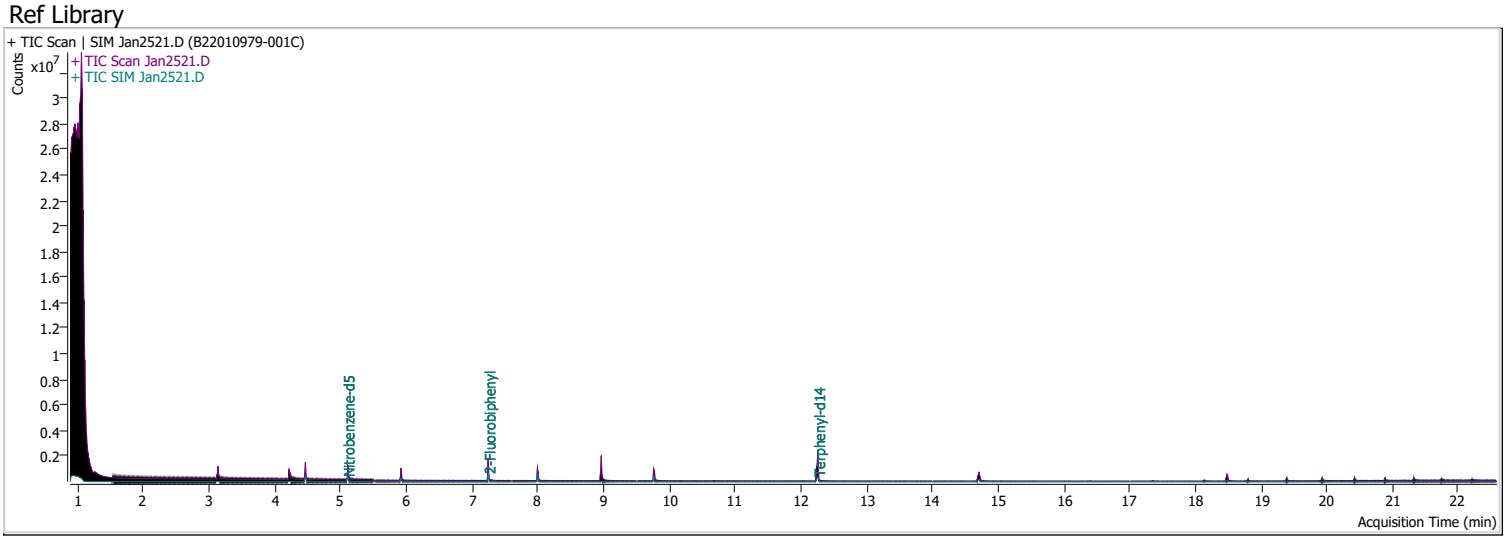




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

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			

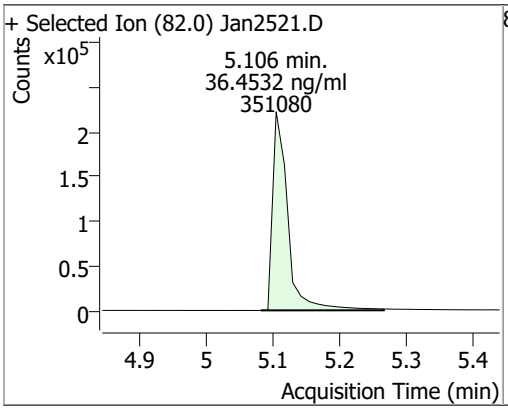


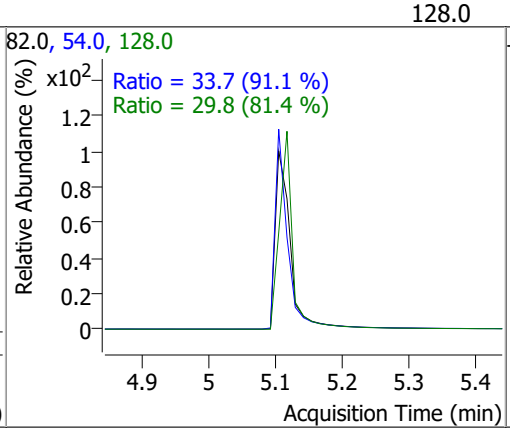
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	180360	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	322411	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.001	164.0	184542	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	368552	40.0000	ng/ml		-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
System Monitoring Compounds							
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%		*	
Target Compounds							**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	8.001	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	14.714	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.			

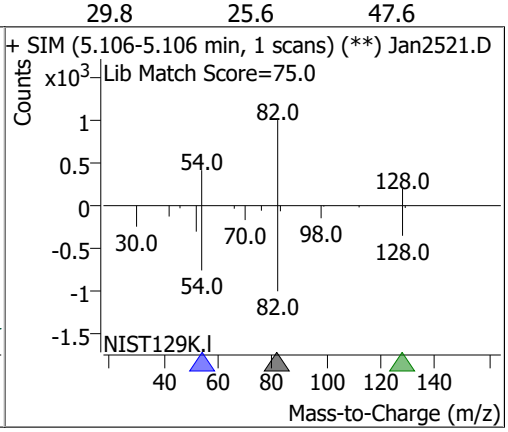
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.			
T Benzo(a)pyrene	18.487	252.0	0		ng/ml	md	1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.			
T Dibenzo(a,h)anthracene	0.000		0	N.D.			
T Benzo(g,h,i)perylene	0.000		0	N.D.			

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

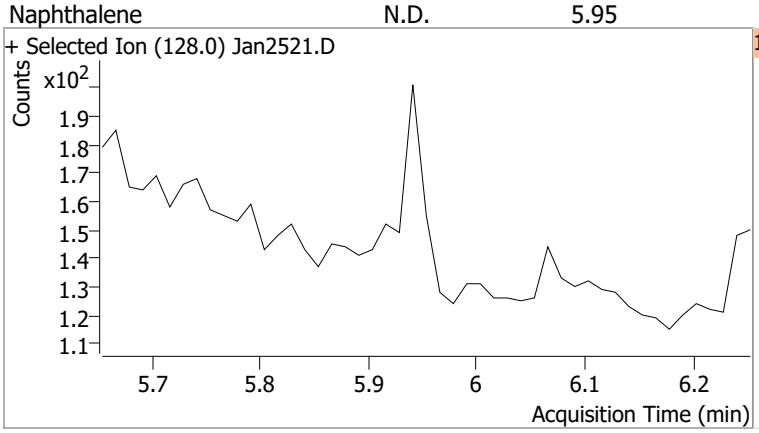
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	36.4532	5.11	-0.04	351080	54.0	33.7	25.9	48.1
					128.0	29.8	25.6	47.6

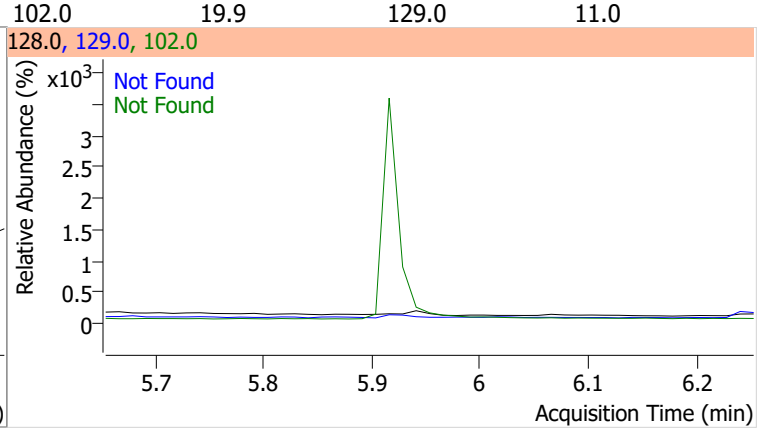




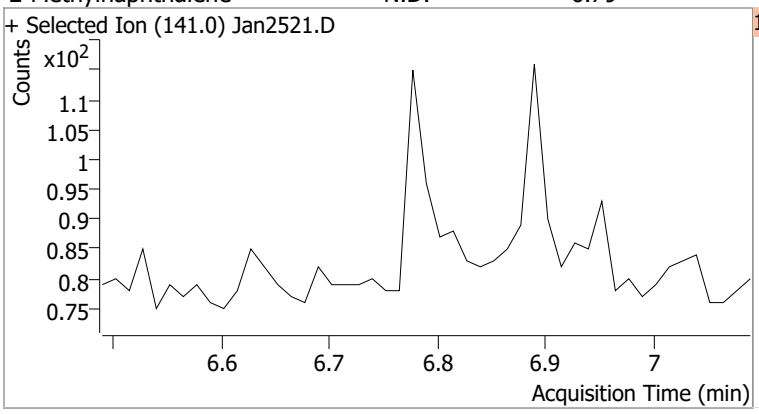


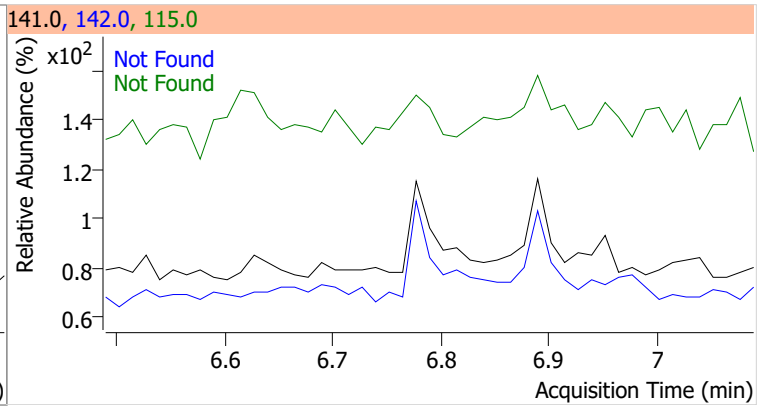
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



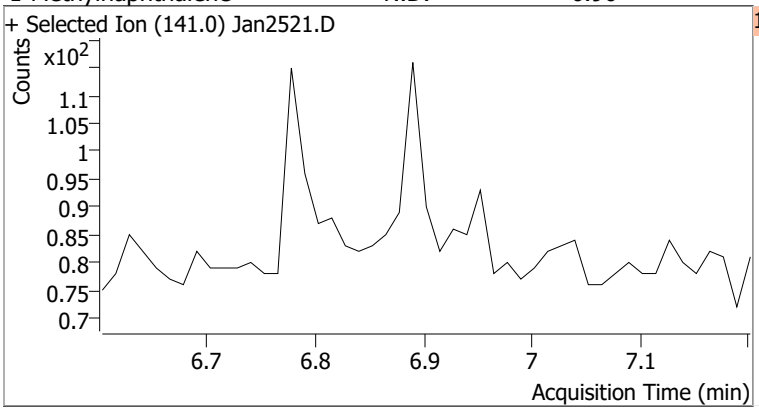


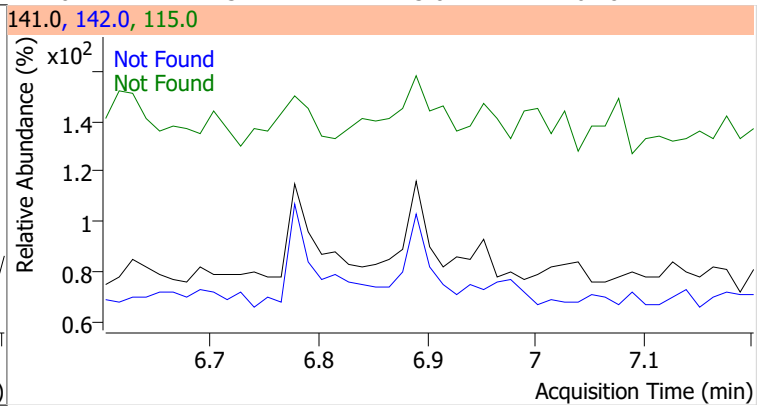
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7



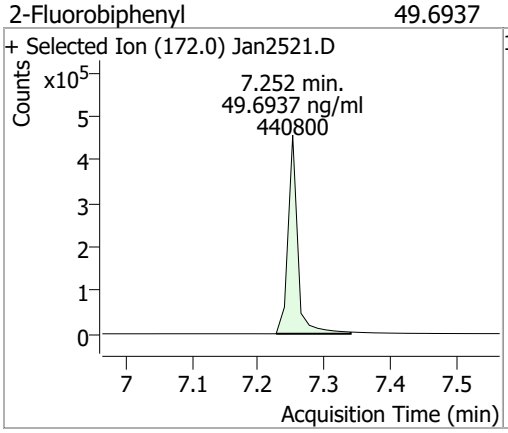


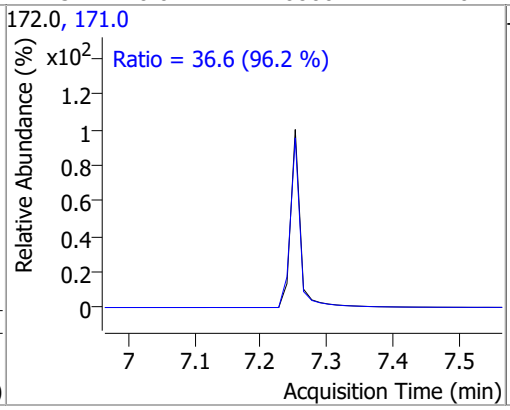
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

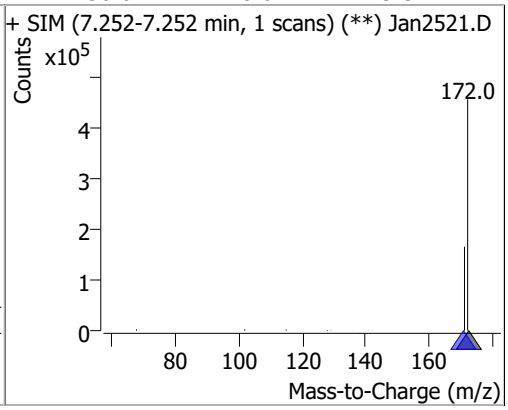




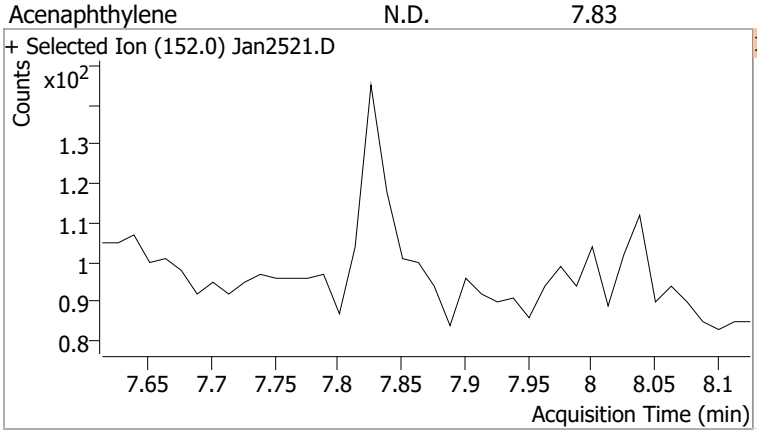
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	49.6937	7.25	-0.01	440800	171.0	36.6	26.6	49.5

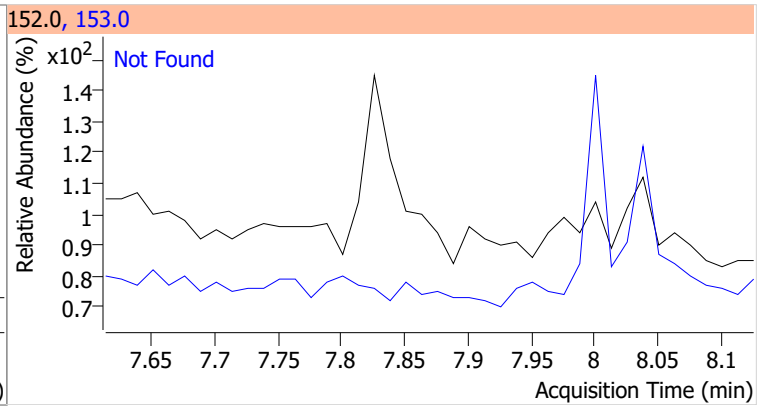




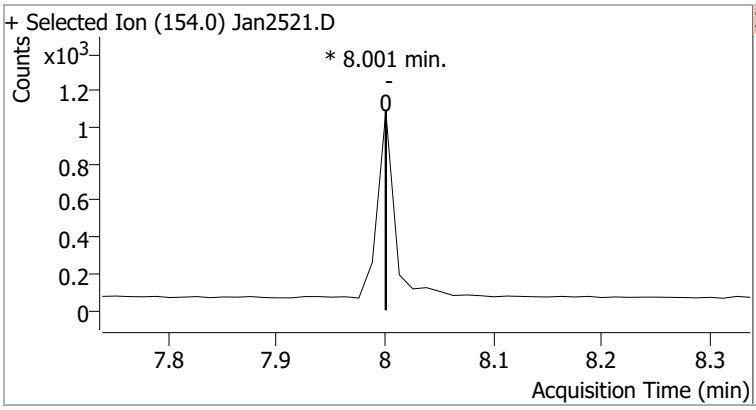


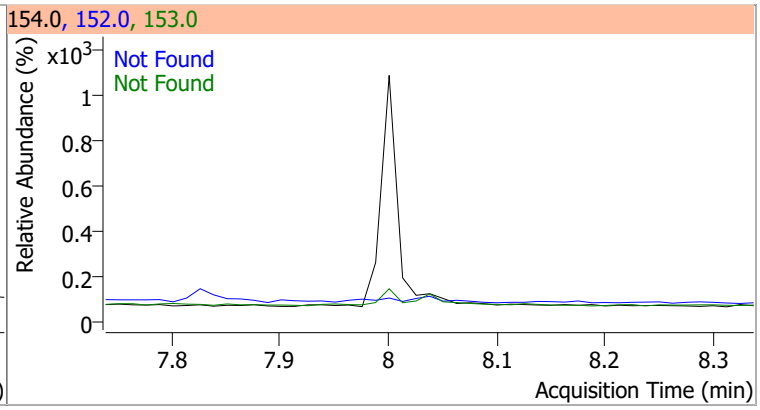
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



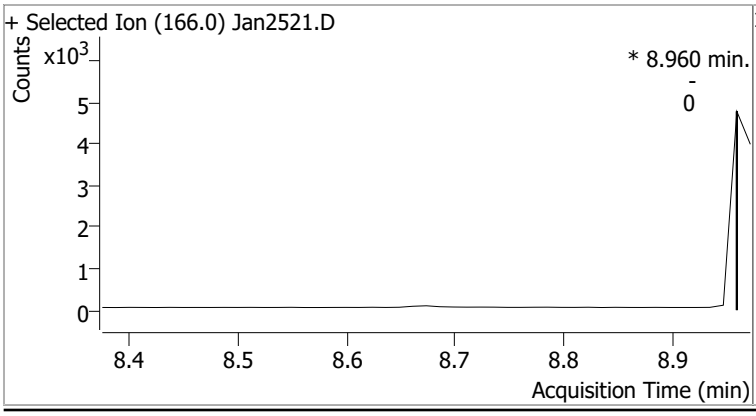


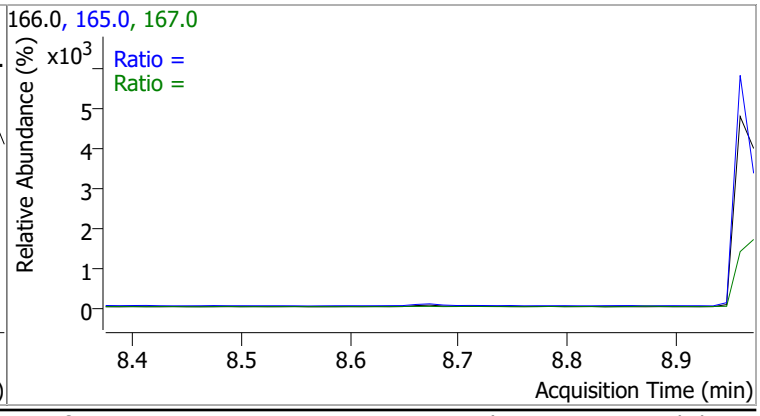
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1



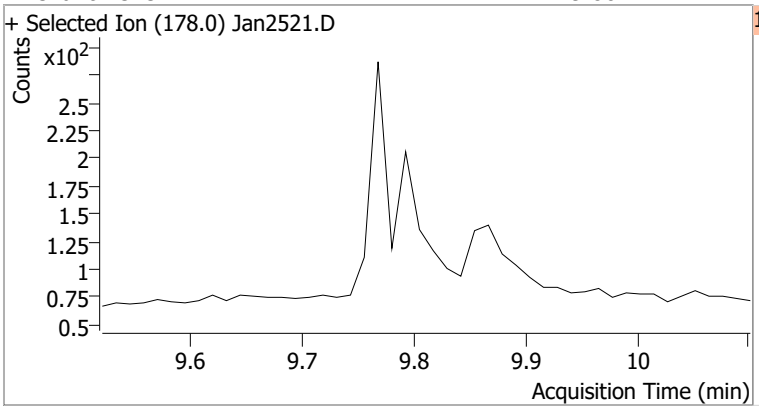


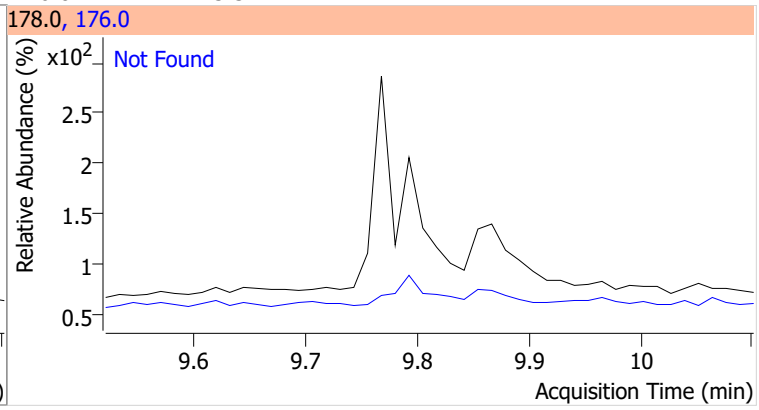
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		69.1	128.3
					167.0		9.7	18.0



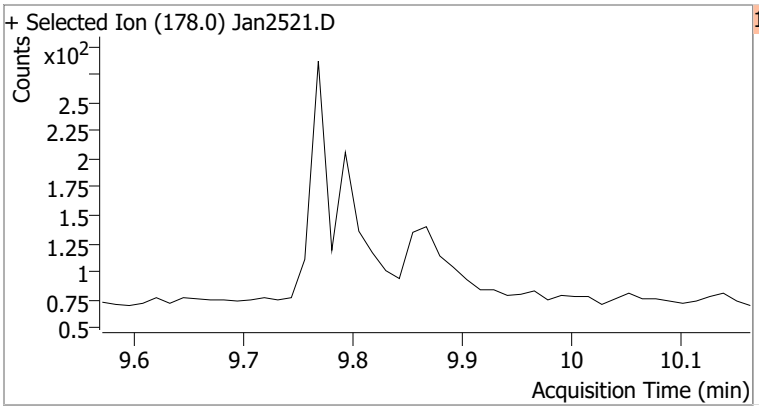


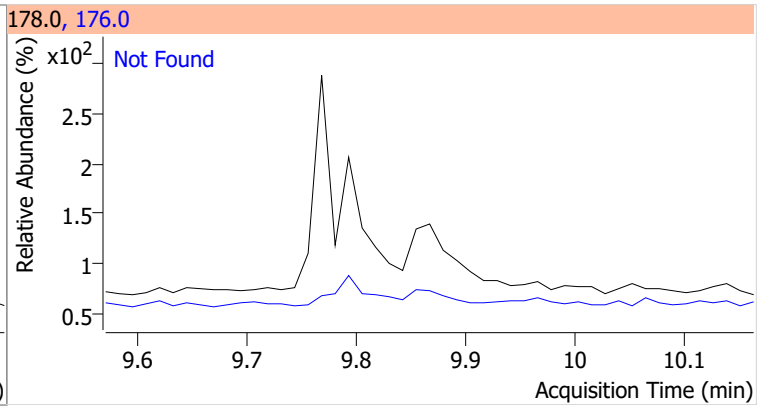
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



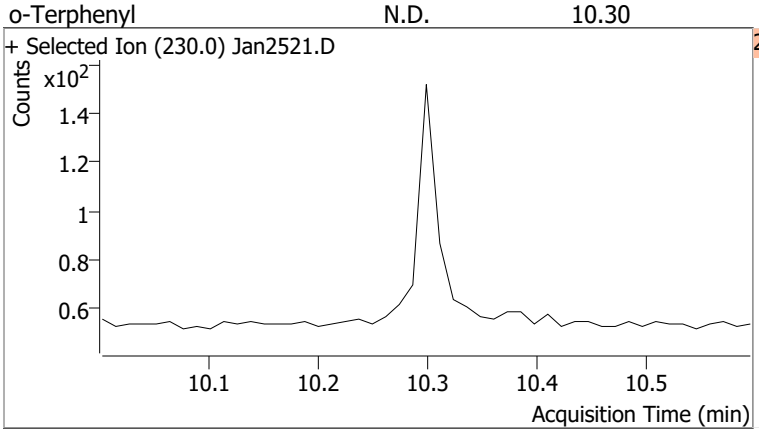


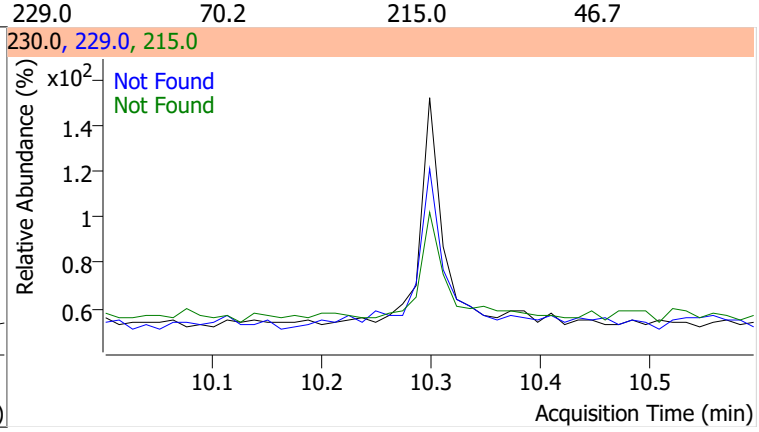
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.87	176.0	18.1



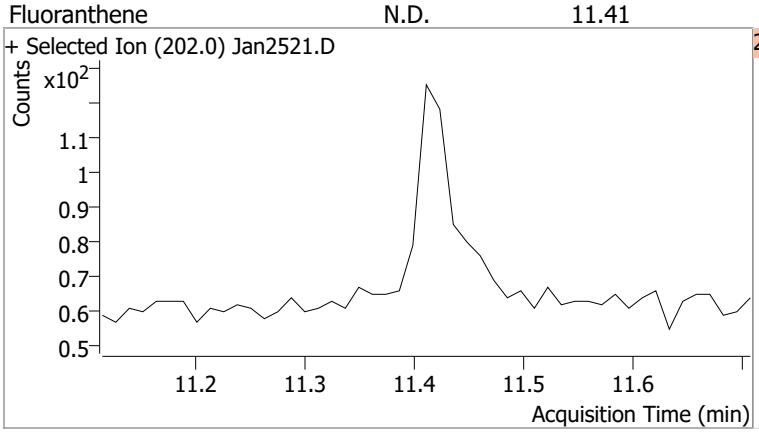


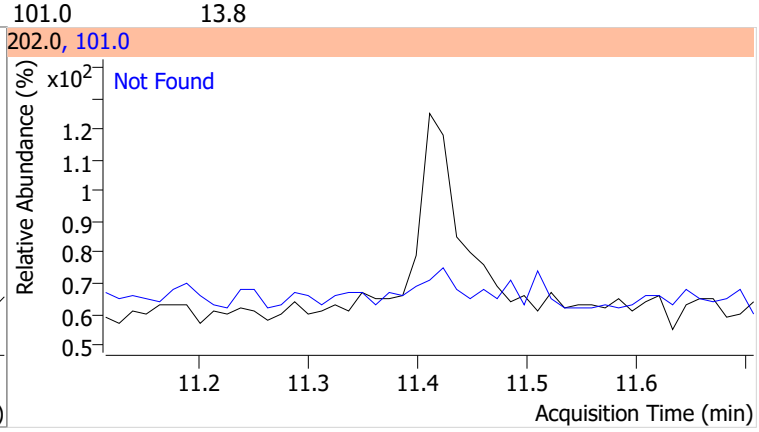
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	70.2	215.0	46.7



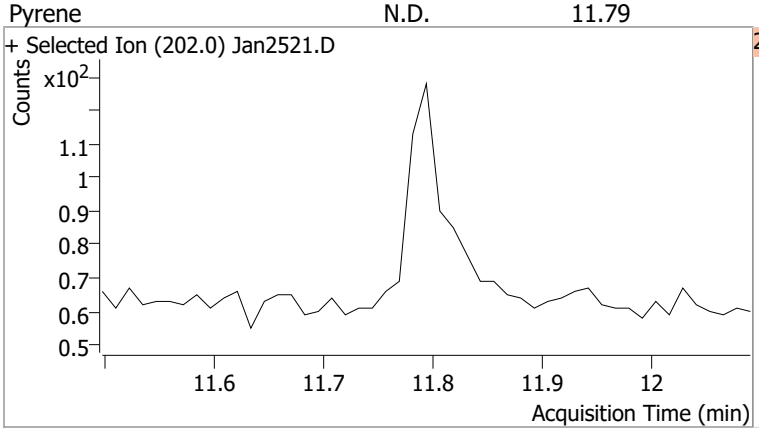


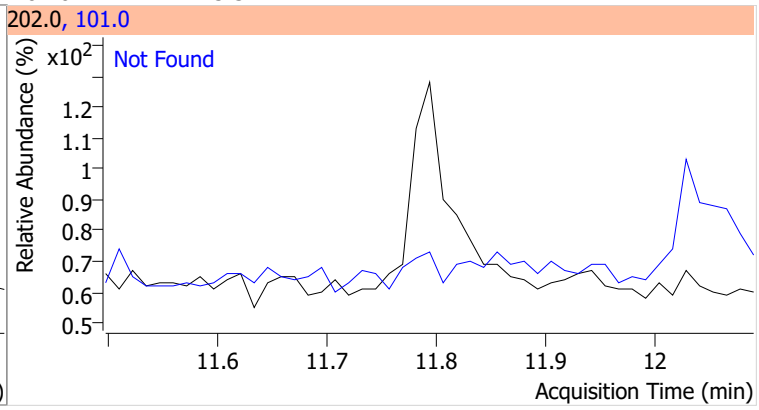
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8



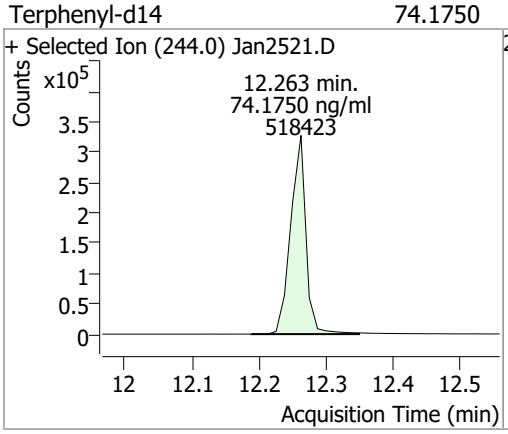


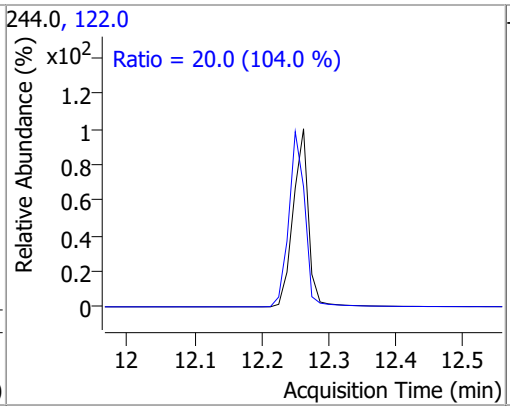
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.79	101.0	15.3

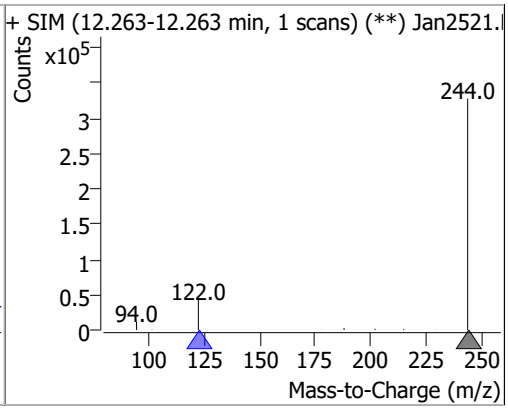




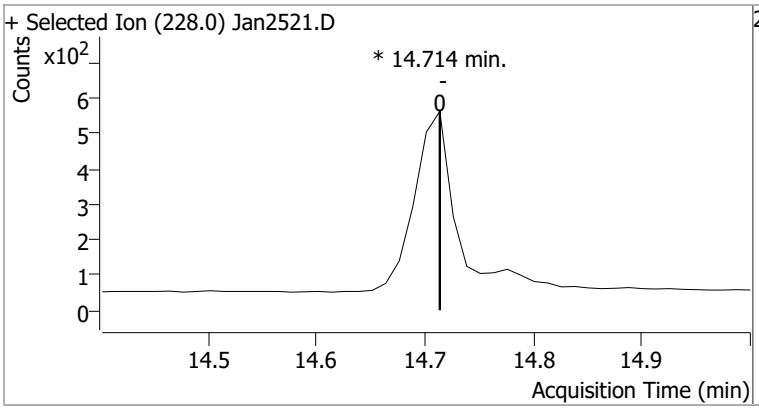
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	74.1750	12.26	0.00	518423	122.0	20.0	13.4	25.0

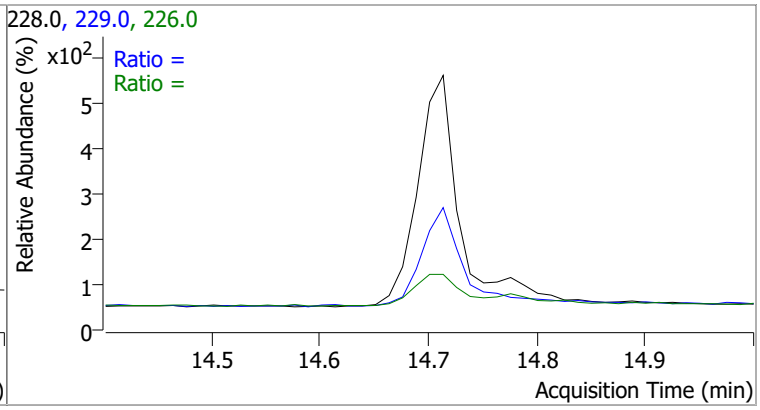




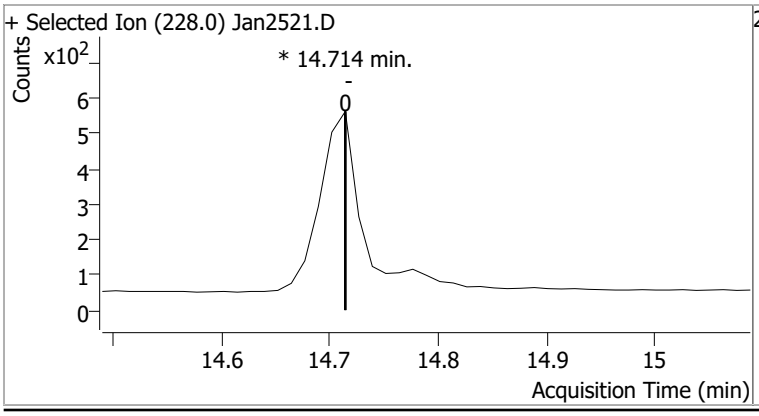


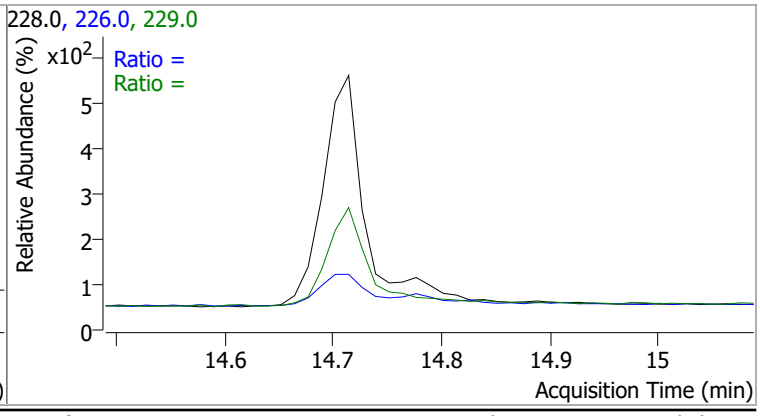
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene		0		0	226.0		18.9	35.1
					229.0		16.1	29.9



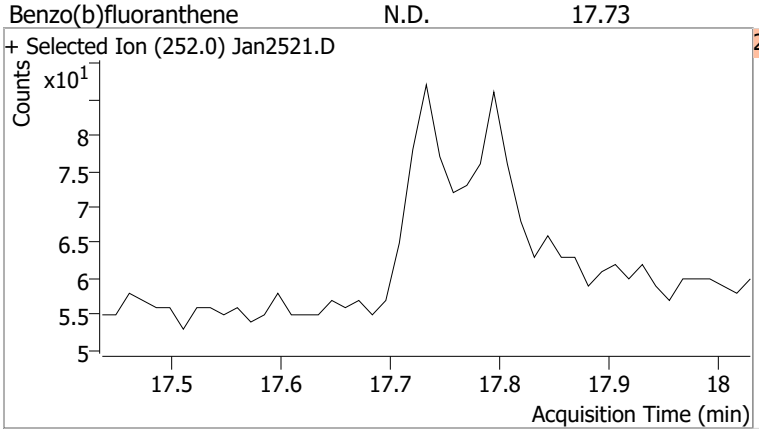


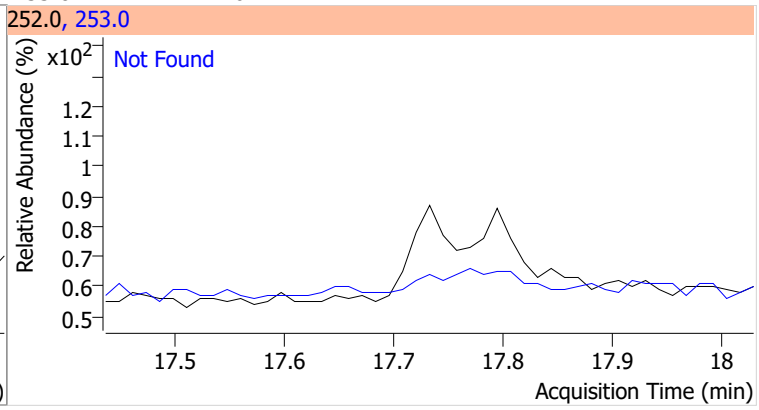
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene		0		0	226.0		21.2	39.4
					229.0		15.0	27.8



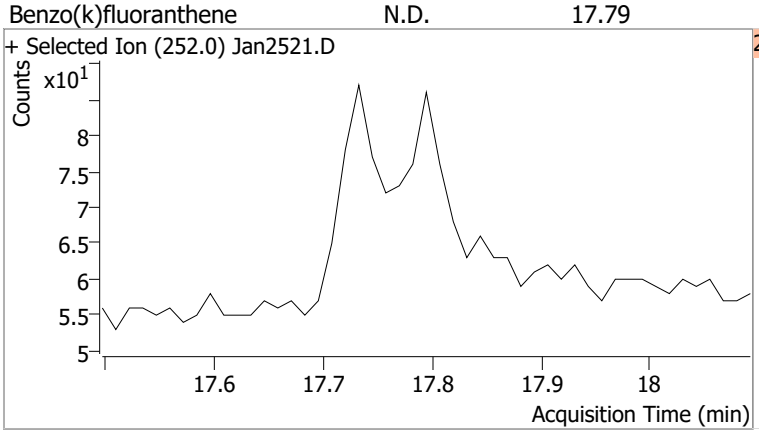


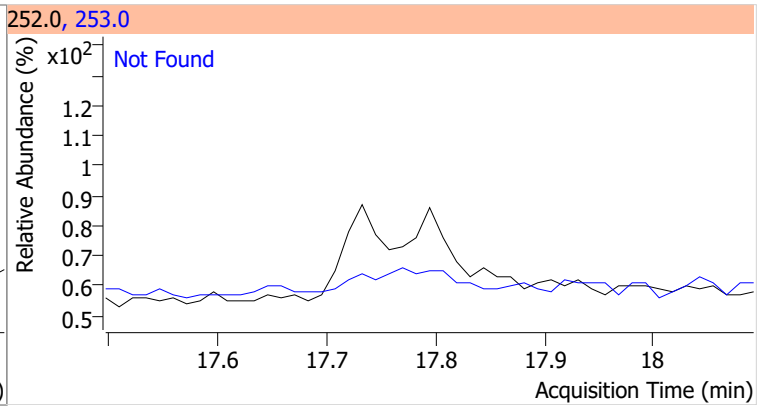
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



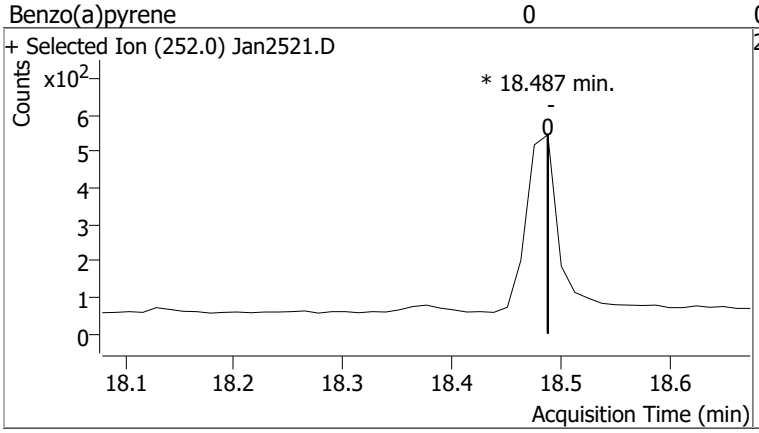


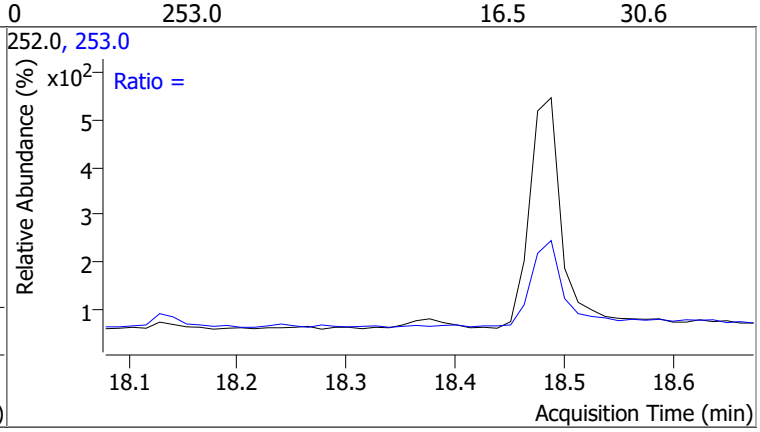
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



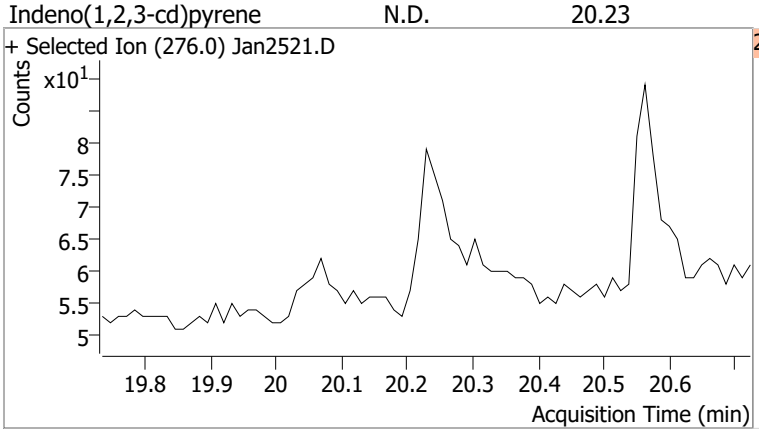


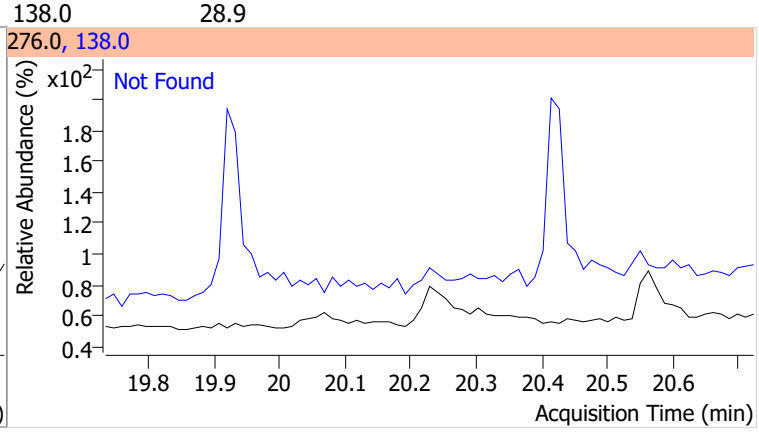
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



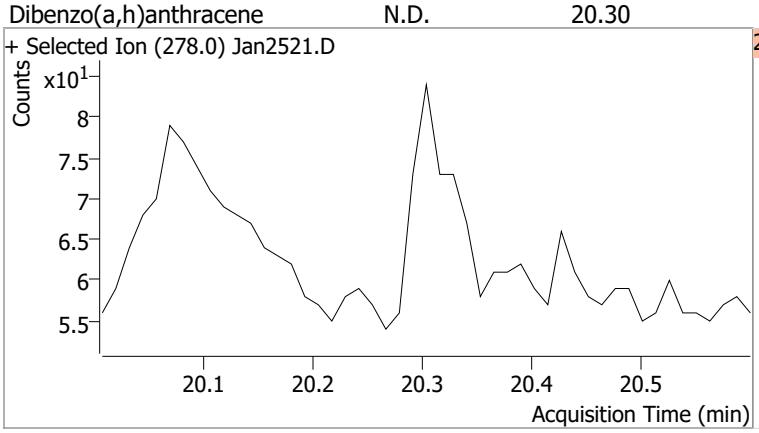


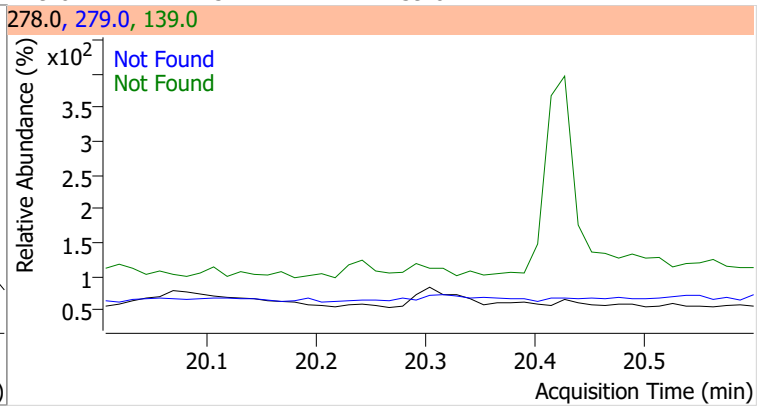
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



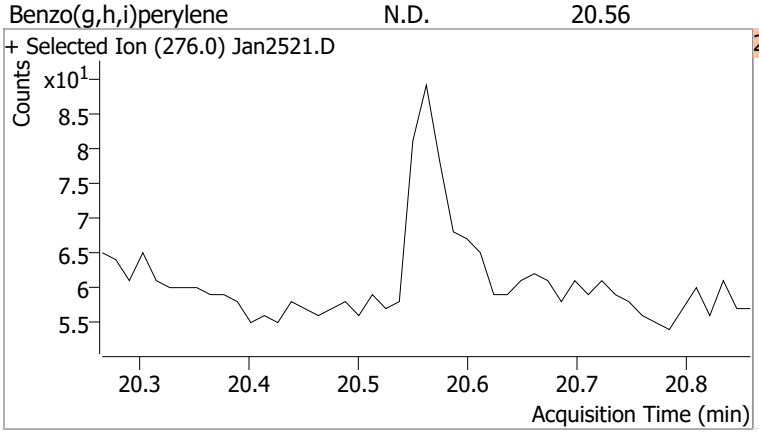


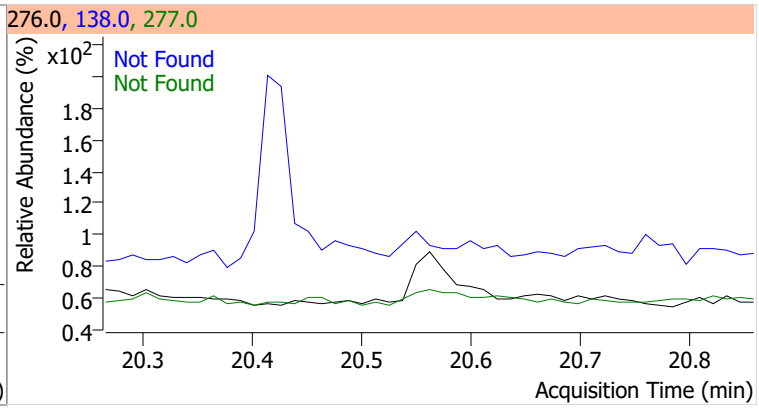
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1





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

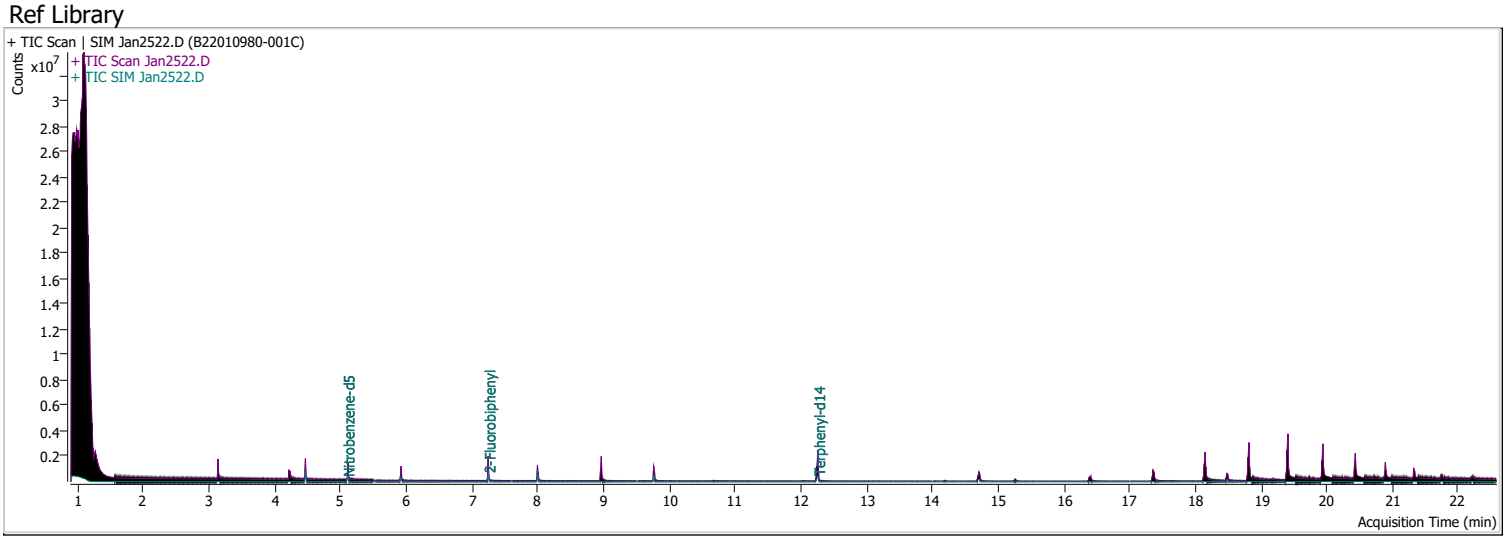




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

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			

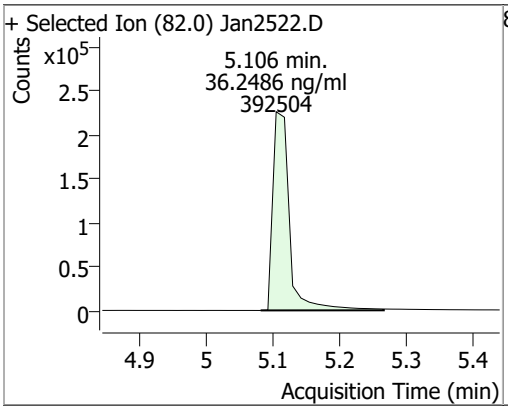


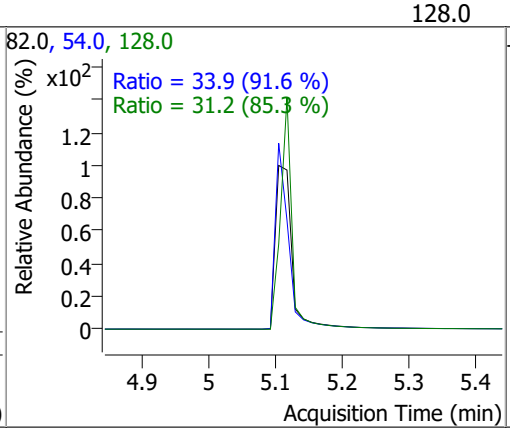
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	203554	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	356575	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.000	164.0	209812	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	416182	40.0000	ng/ml		-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
System Monitoring Compounds							
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%		*	
Target Compounds							**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	8.000	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	14.714	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.			

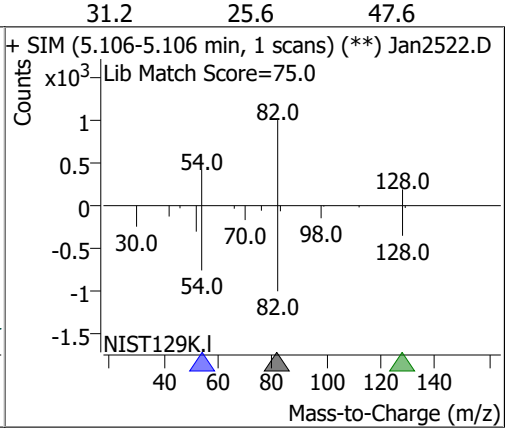
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T Benzo(k)fluoranthene	0.000		0	N.D.			
T Benzo(a)pyrene	18.487	252.0	0		ng/ml	md	1
T Indeno(1,2,3-cd)pyrene	0.000		0	N.D.			
T Dibenzo(a,h)anthracene	0.000		0	N.D.			
T Benzo(g,h,i)perylene	0.000		0	N.D.			

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

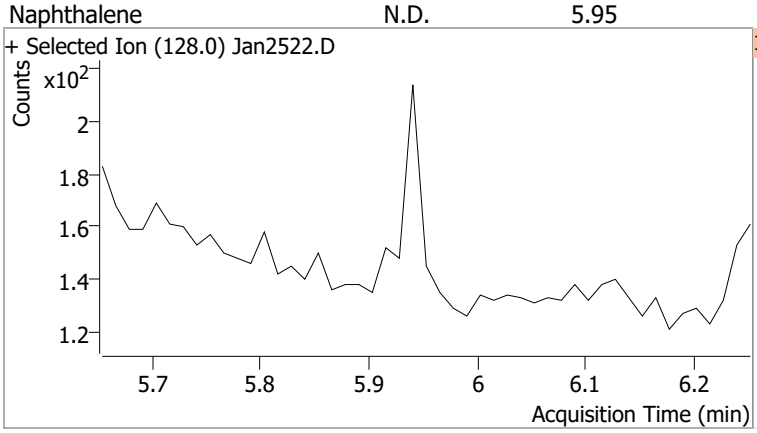
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	36.2486	5.11	-0.04	392504	54.0	33.9	25.9	48.1
					128.0	31.2	25.6	47.6

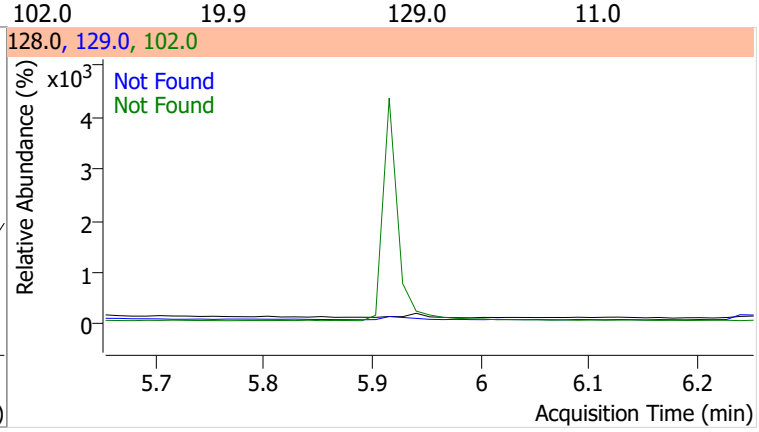




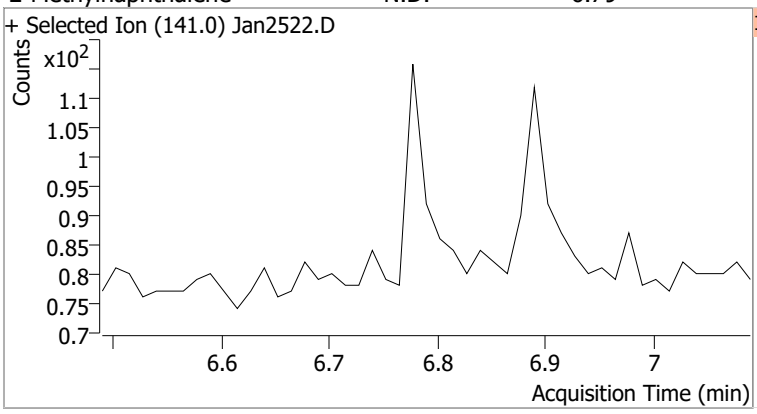


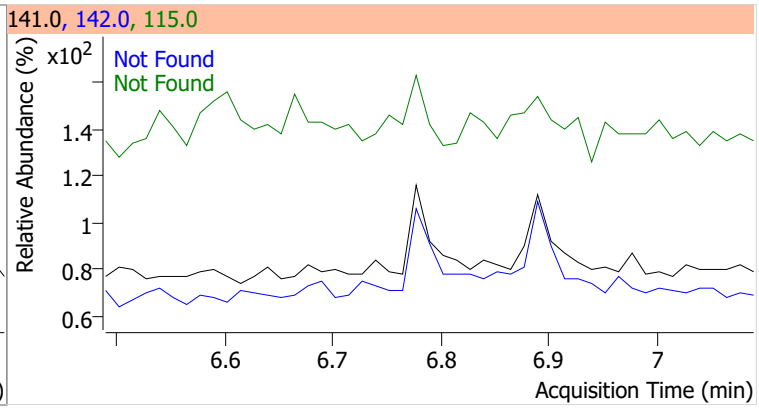
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Naphthalene	N.D.	5.95	102.0	19.9	129.0	11.0



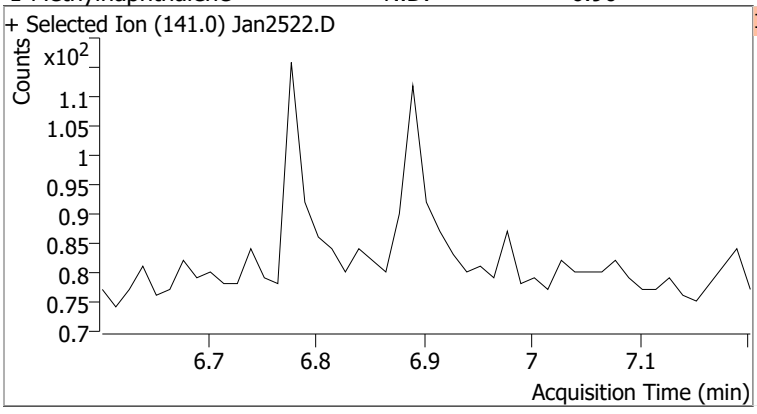


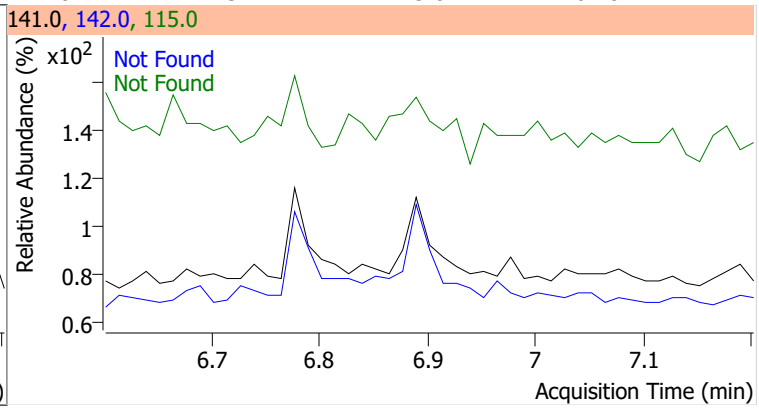
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2-Methylnaphthalene	N.D.	6.79	142.0	140.8	115.0	59.7





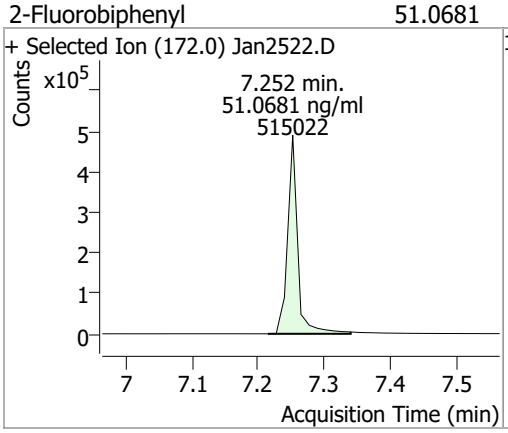
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1-Methylnaphthalene	N.D.	6.90	142.0	113.1	115.0	67.8

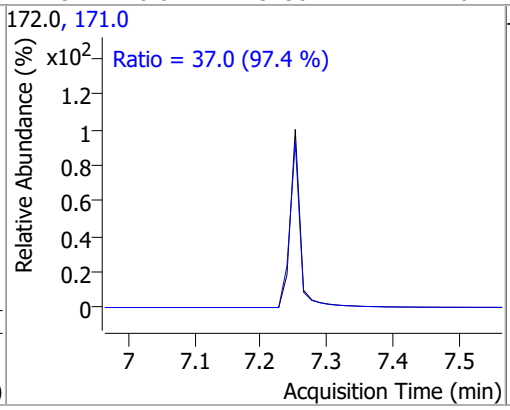


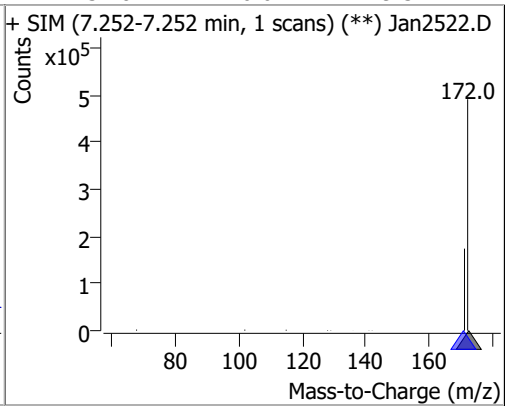


Quantitation Results Report (QT Reviewed)

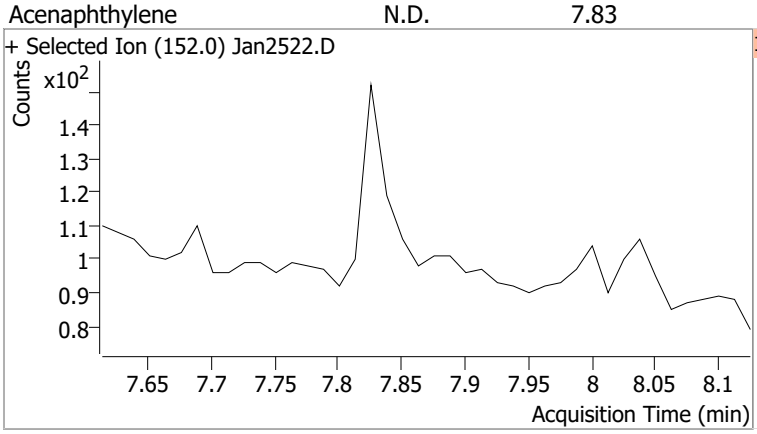
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	51.0681	7.25	-0.01	515022	171.0	37.0	26.6	49.5

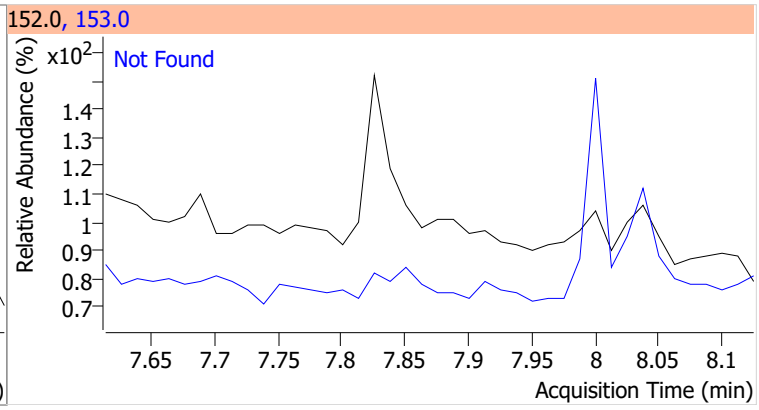




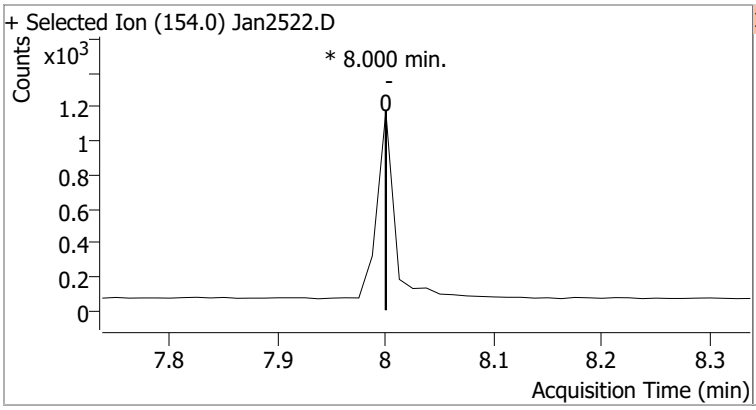


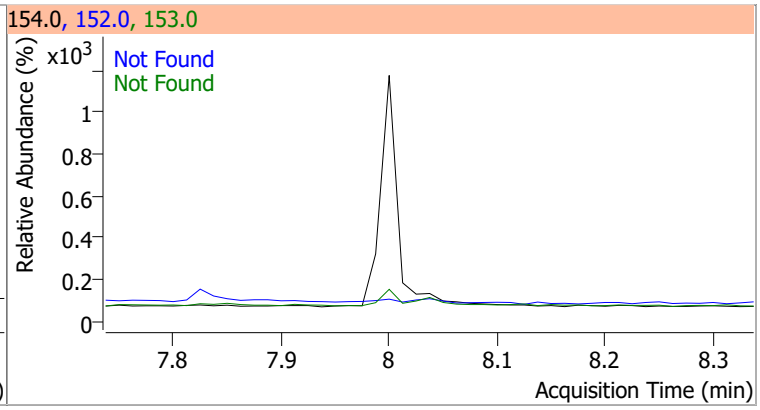
Compound	Conc.	Exp RT	QIon	Exp Ratio
Acenaphthylene	N.D.	7.83	153.0	12.8



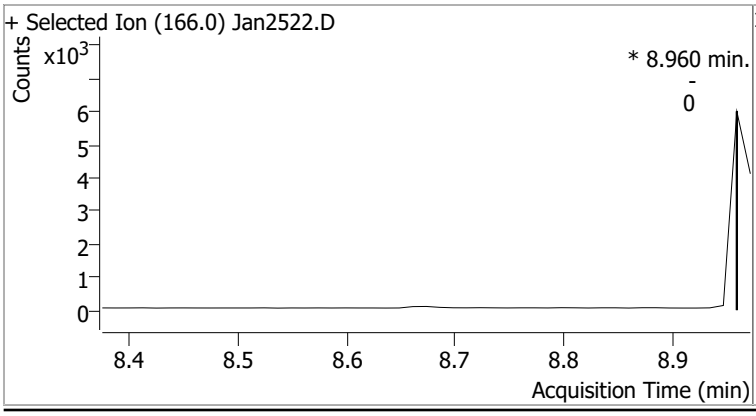


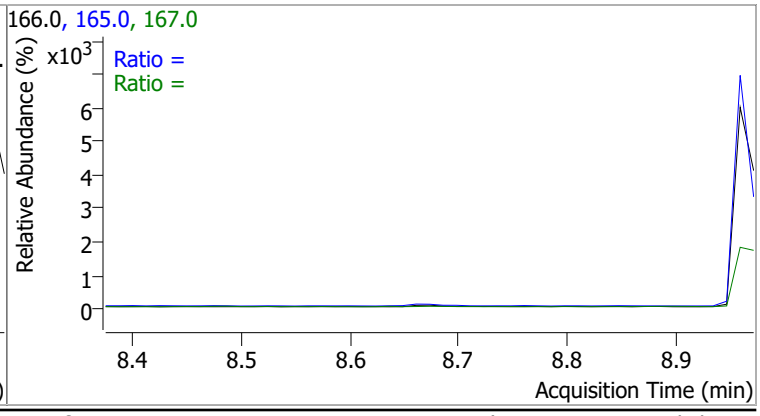
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene		0		0	153.0		82.1	152.6
					152.0		41.0	76.1



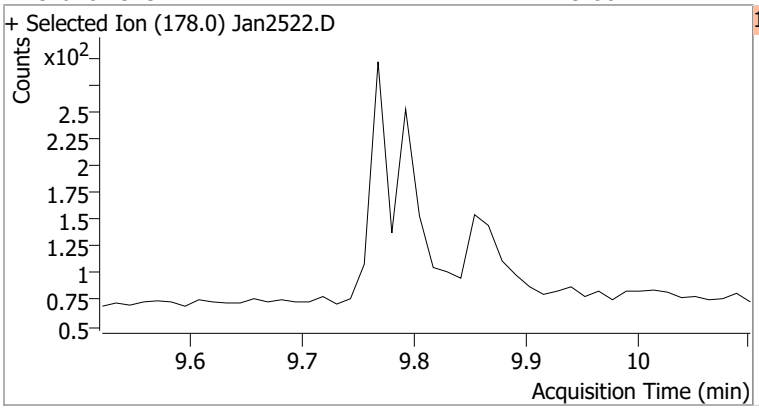


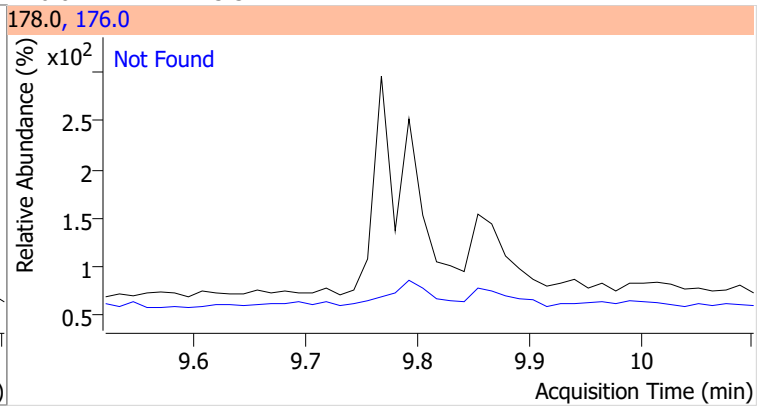
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene		0		0	165.0		69.1	128.3
					167.0		9.7	18.0



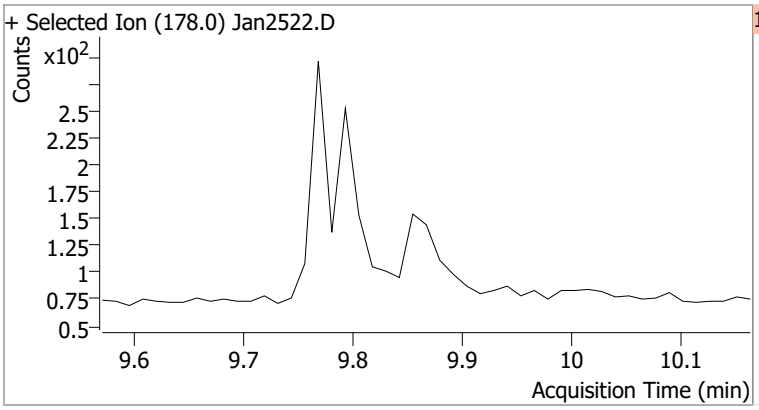


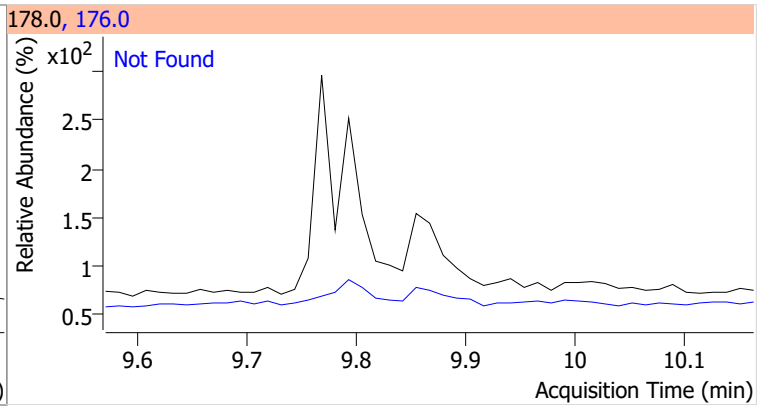
Compound	Conc.	Exp RT	QIon	Exp Ratio
Phenanthrene	N.D.	9.80	176.0	15.5



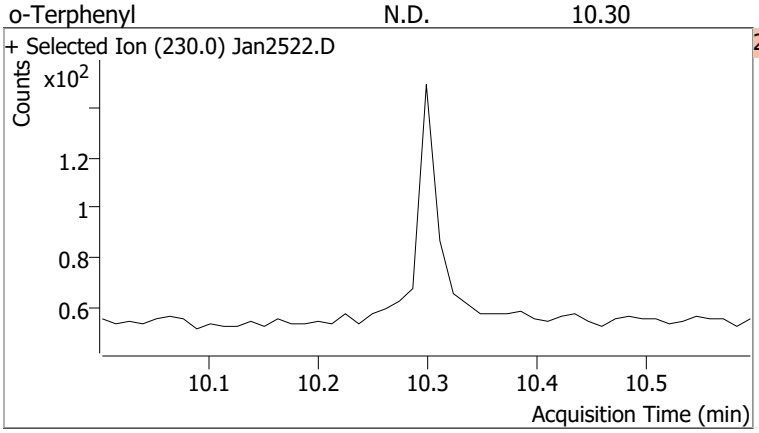


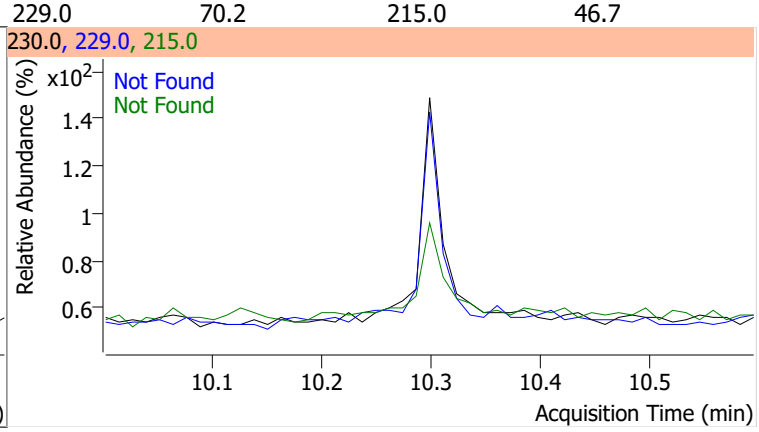
Compound	Conc.	Exp RT	QIon	Exp Ratio
Anthracene	N.D.	9.87	176.0	18.1



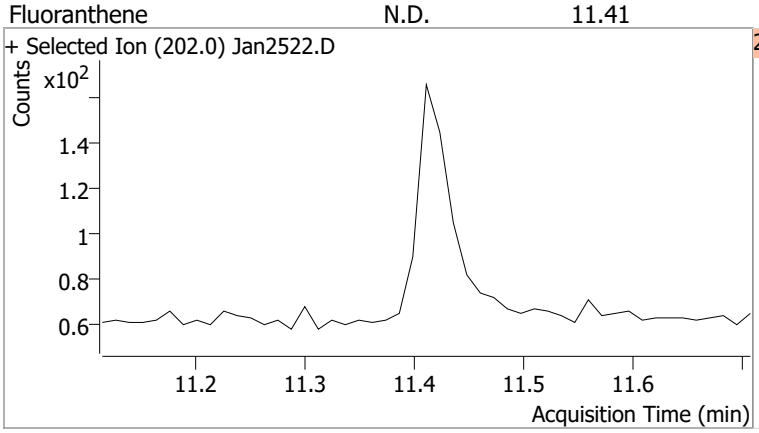


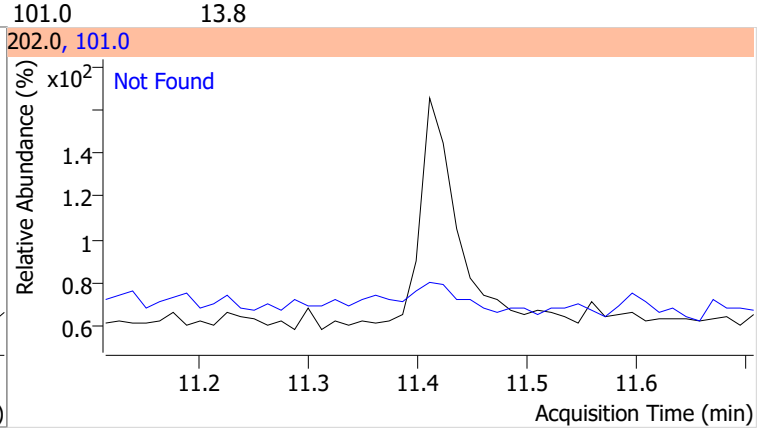
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
o-Terphenyl	N.D.	10.30	229.0	70.2	215.0	46.7



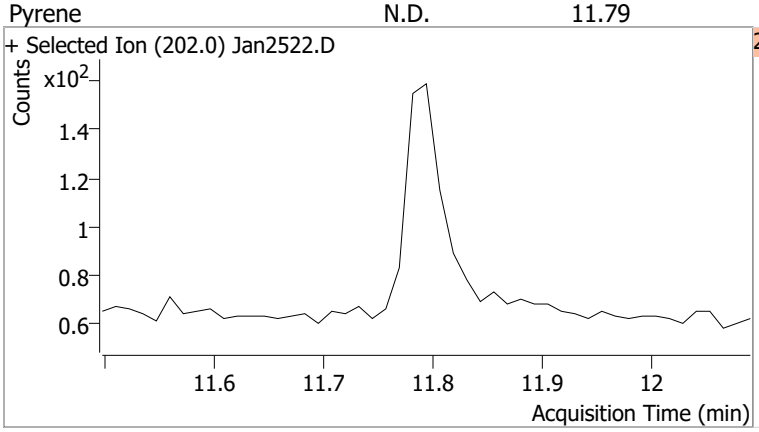


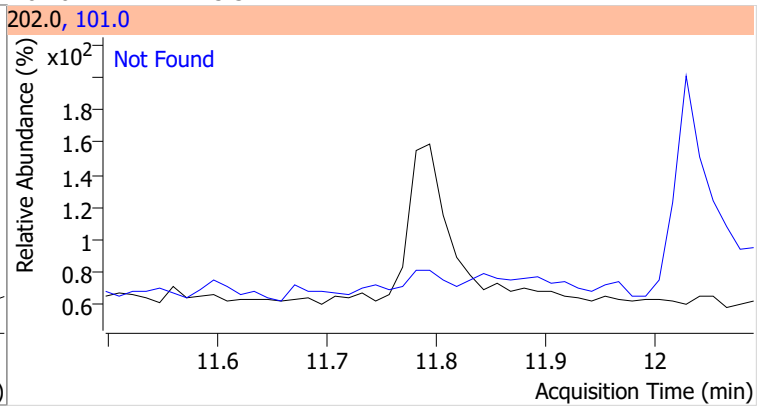
Compound	Conc.	Exp RT	QIon	Exp Ratio
Fluoranthene	N.D.	11.41	101.0	13.8



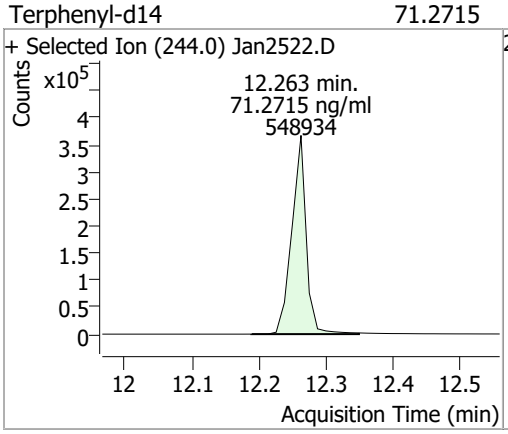


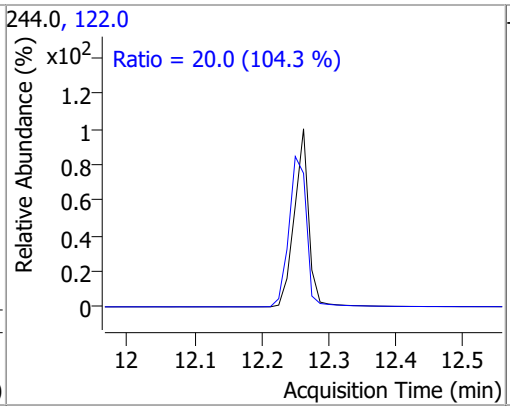
Compound	Conc.	Exp RT	QIon	Exp Ratio
Pyrene	N.D.	11.79	101.0	15.3

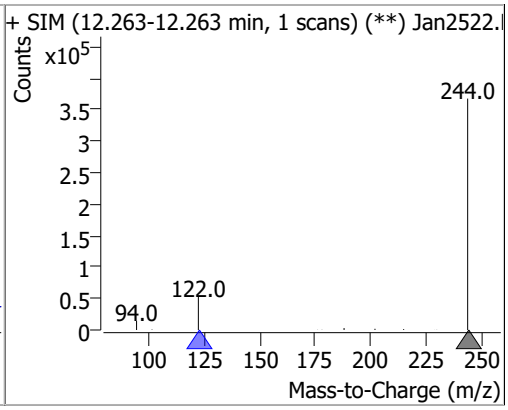




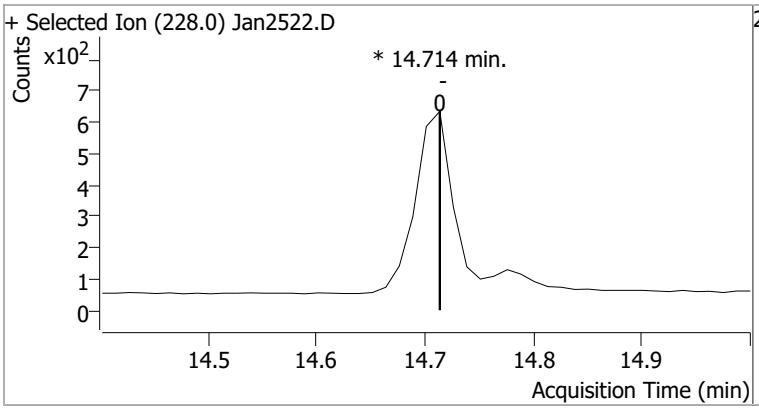
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	71.2715	12.26	0.00	548934	122.0	20.0	13.4	25.0

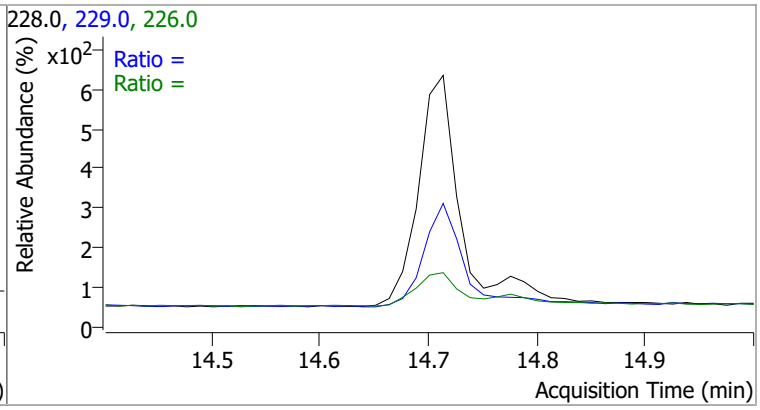




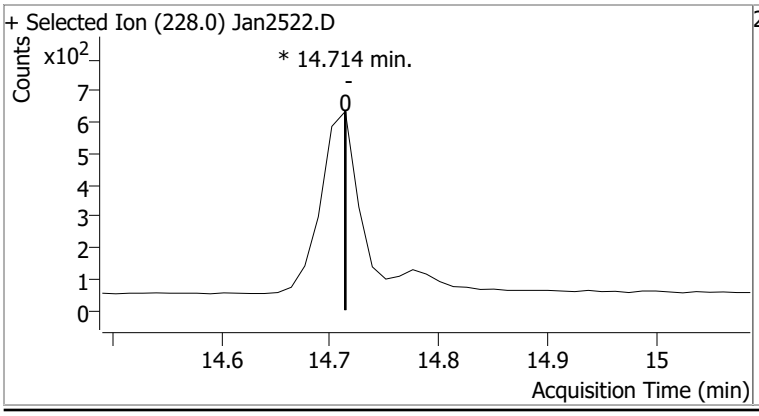


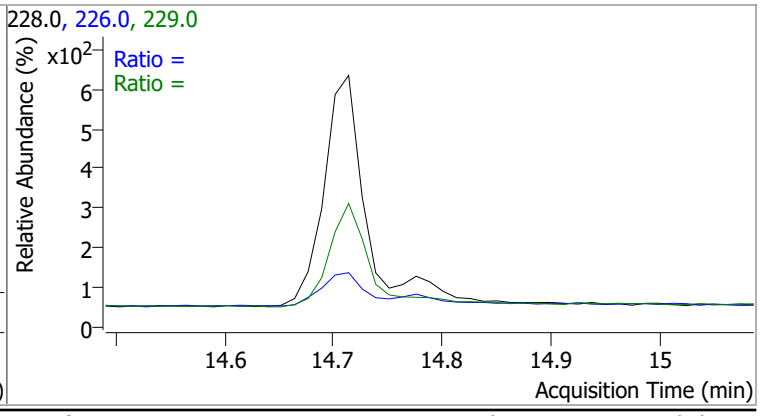
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene		0		0	226.0		18.9	35.1
					229.0		16.1	29.9



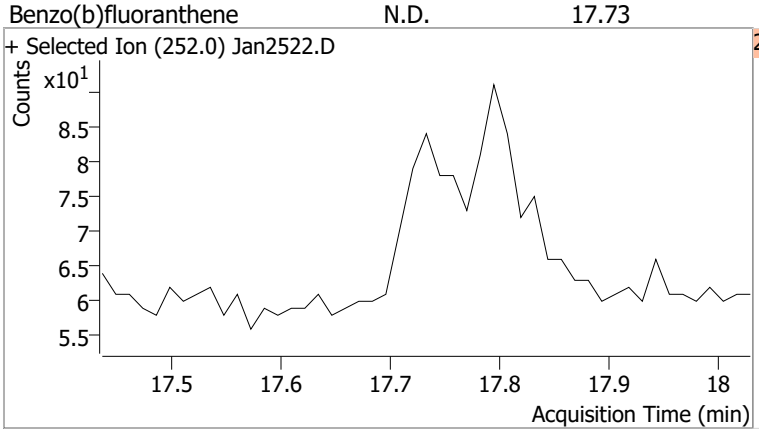


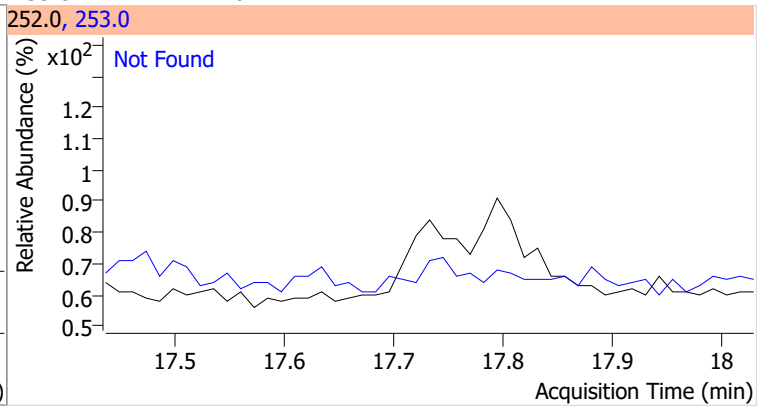
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene		0		0	226.0		21.2	39.4
					229.0		15.0	27.8



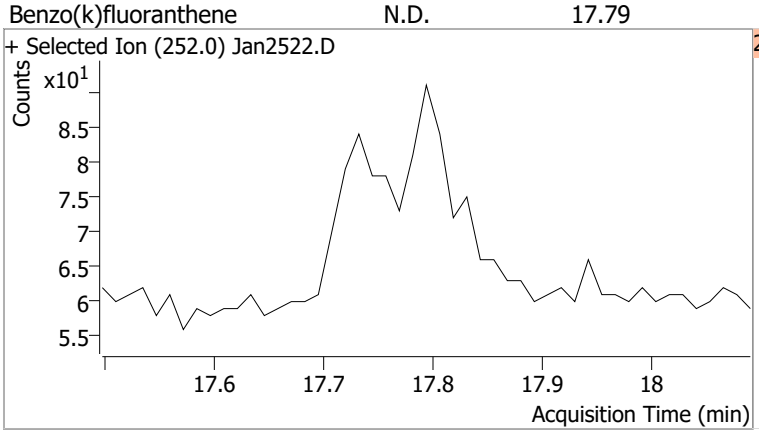


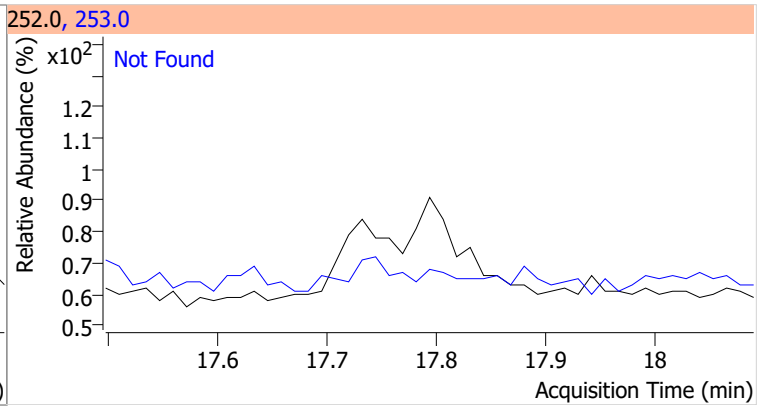
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(b)fluoranthene	N.D.	17.73	253.0	22.6



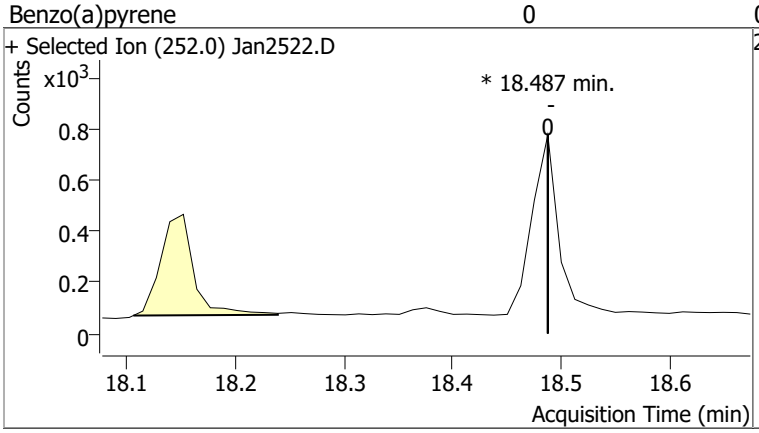


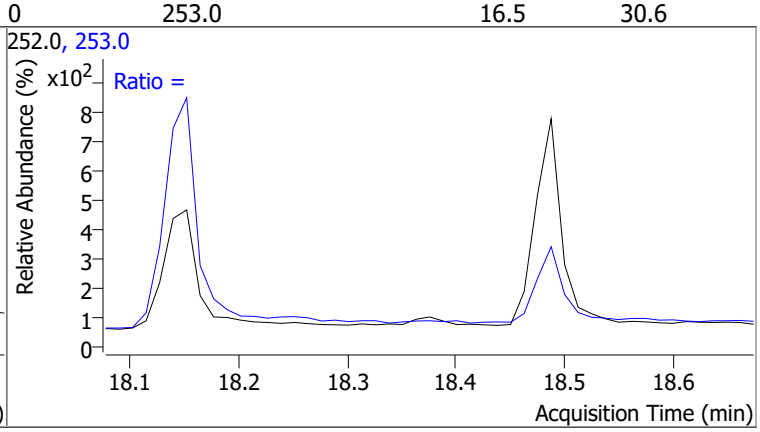
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzo(k)fluoranthene	N.D.	17.79	253.0	23.0



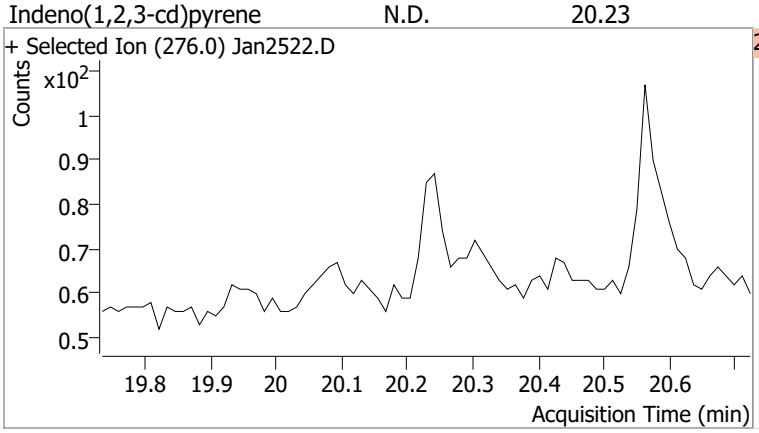


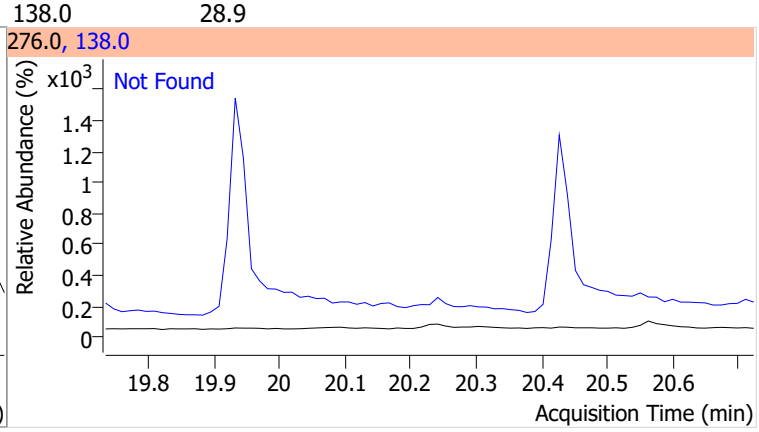
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene		0		0	253.0		16.5	30.6



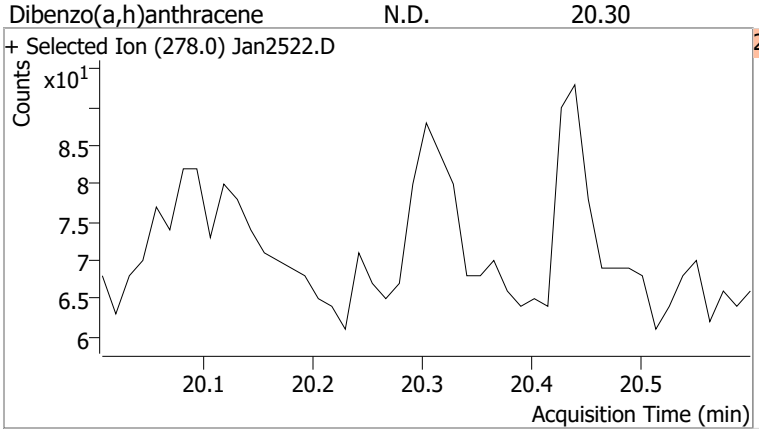


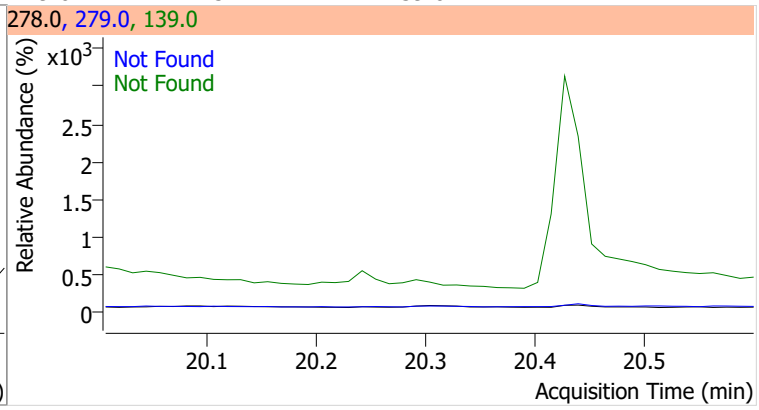
Compound	Conc.	Exp RT	QIon	Exp Ratio
Indeno(1,2,3-cd)pyrene	N.D.	20.23	138.0	28.9



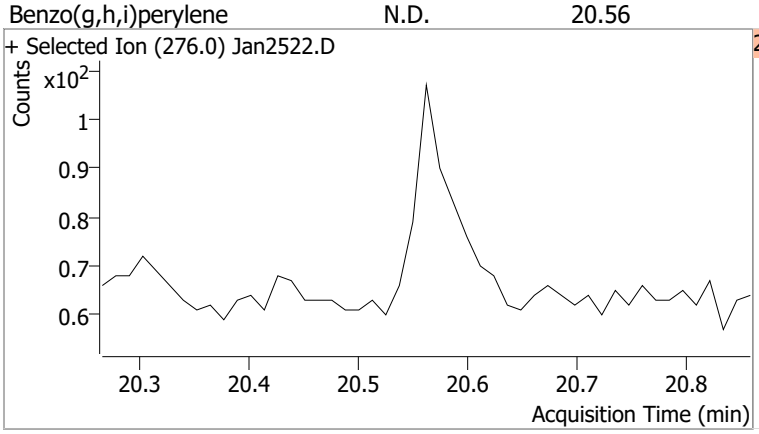


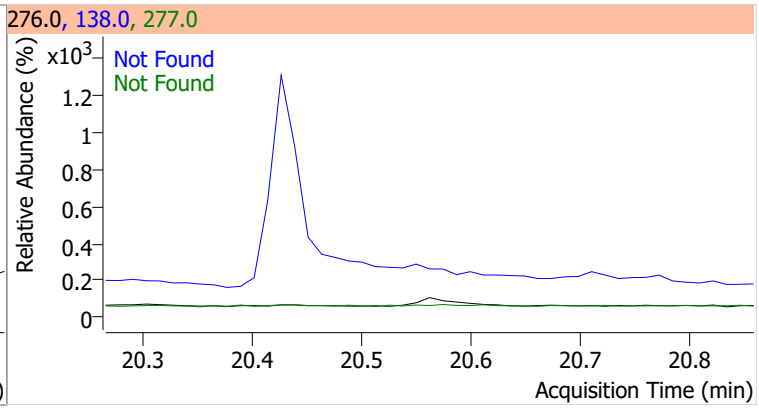
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibenzo(a,h)anthracene	N.D.	20.30	279.0	25.1	139.0	24.1





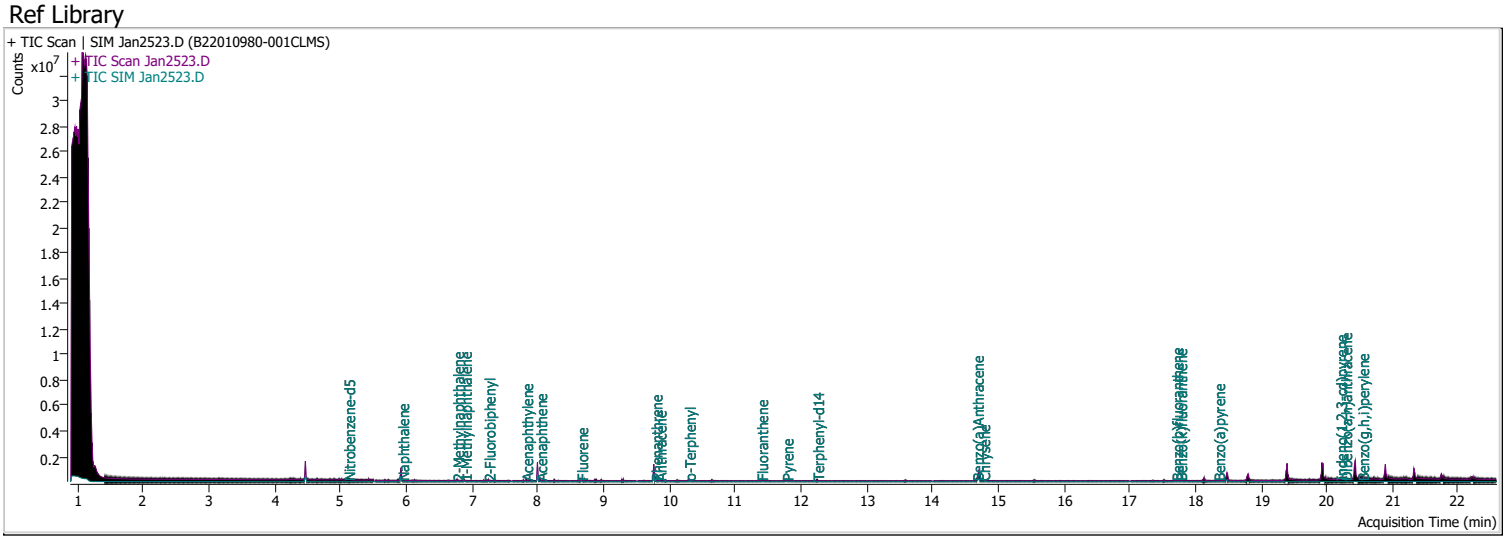
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Benzo(g,h,i)perylene	N.D.	20.56	138.0	28.0	277.0	23.3





Quantitation Results Report (QT Reviewed)

Data File	Jan2523.D	Operator	LIMS import
Acq. Method	5975BNASIM	Acq. Date-Time	1/25/2022 10:27:30 PM
Sample Name	B22010980-001CLMS	Instrument	GCMS
Vial	23	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			

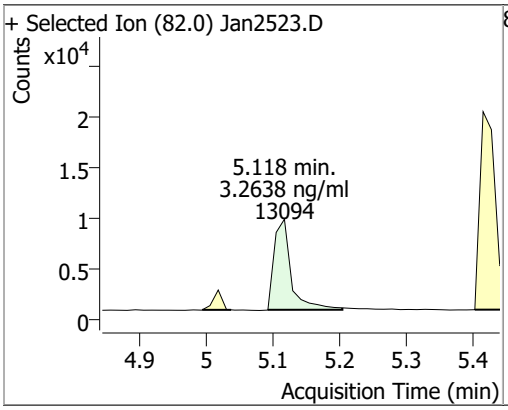


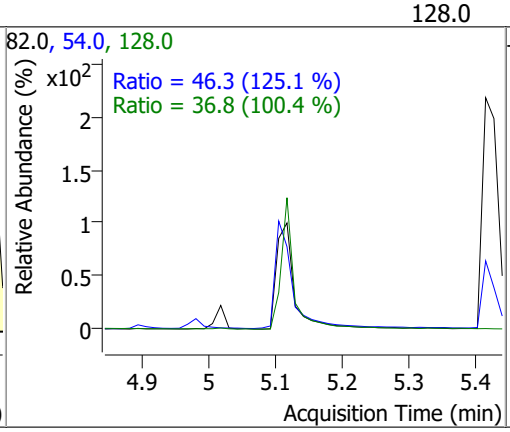
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M 1,4-Dichlorobenzene-d4	4.472	152.0	196626	40.0000	ng/ml	-0.025
M Naphthalene-d8	5.916	136.0	343627	40.0000	ng/ml	-0.025
M Acenaphthene-d10	8.000	164.0	203774	40.0000	ng/ml	0.000
M Phenanthrene-d10	9.768	188.0	414878	40.0000	ng/ml	-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
System Monitoring Compounds						
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%		
Target Compounds						**QValue**
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

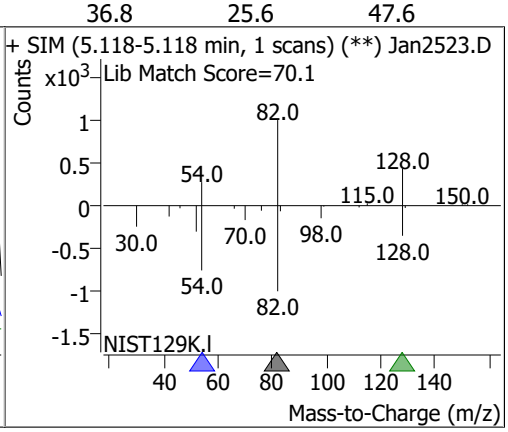
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.770	252.0	42611	4.0742	ng/ml	99
T Benzo(a)pyrene	18.351	252.0	31214	4.3134	ng/ml	100
T Indeno(1,2,3-cd)pyrene	20.204	276.0	32057	4.5842	ng/ml	95
T Dibenzo(a,h)anthracene	20.278	278.0	39683	4.9661	ng/ml	96
T Benzo(g,h,i)perylene	20.538	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

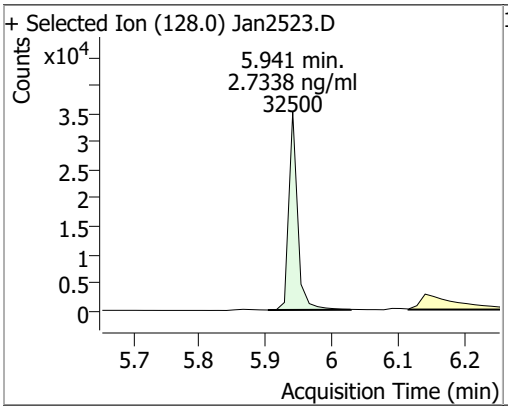
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	3.2638	5.12	-0.02	13094	54.0	46.3	25.9	48.1
					128.0	36.8	25.6	47.6

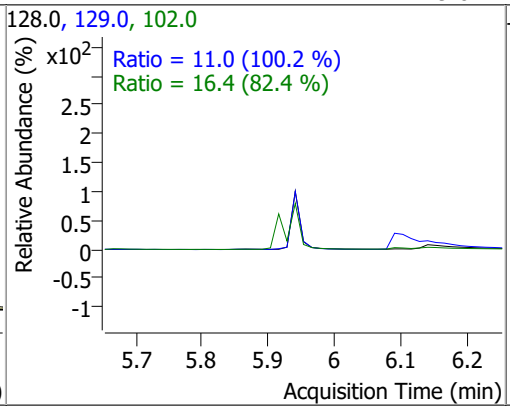


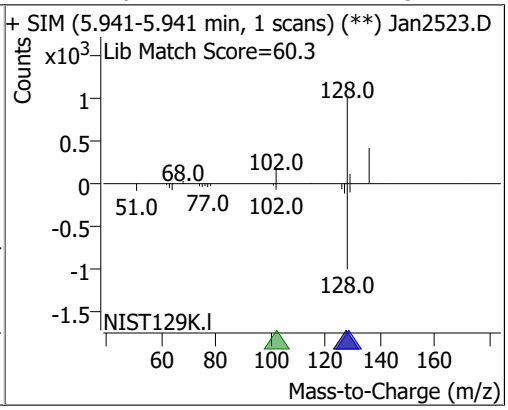




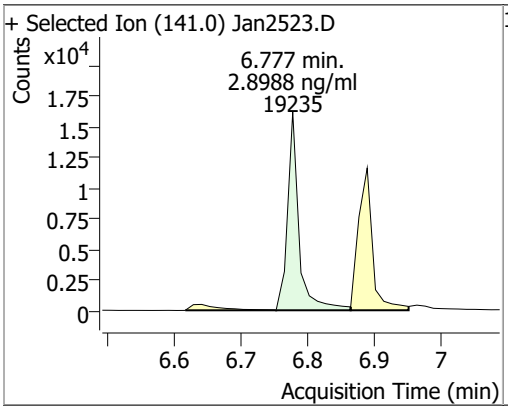
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.7338	5.94	-0.01	32500	102.0	16.4	0.0	59.6
					129.0	11.0	7.7	14.3

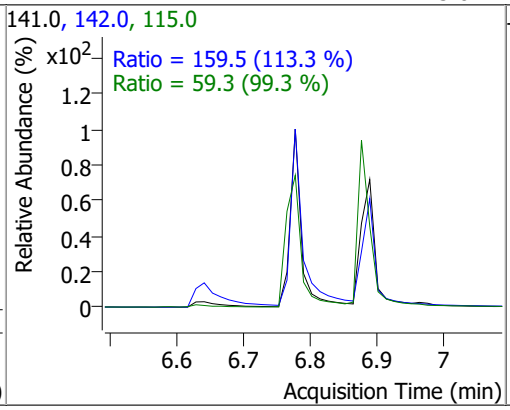


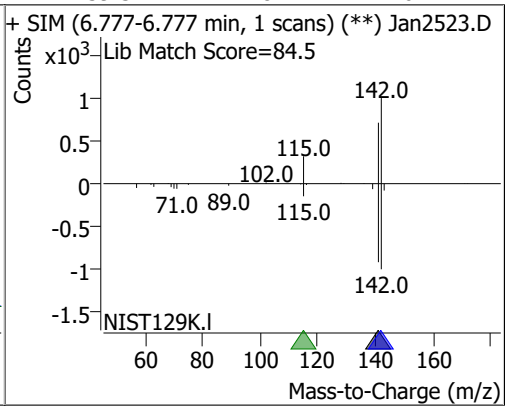




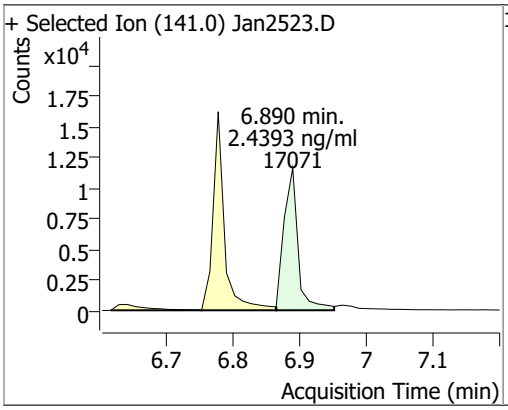
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	2.8988	6.78	-0.01	19235	142.0	159.5	98.5	183.0
					115.0	59.3	41.8	77.6

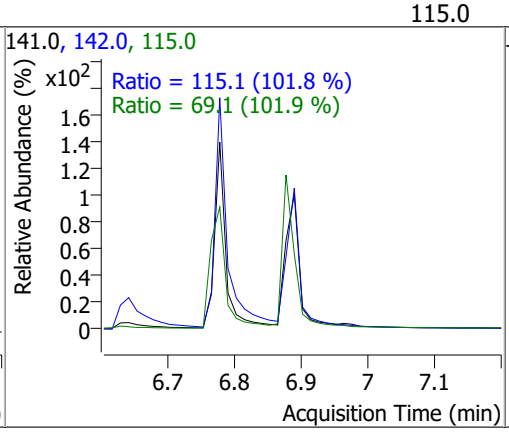


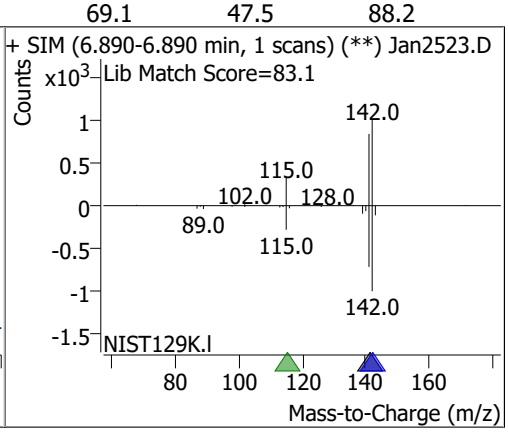




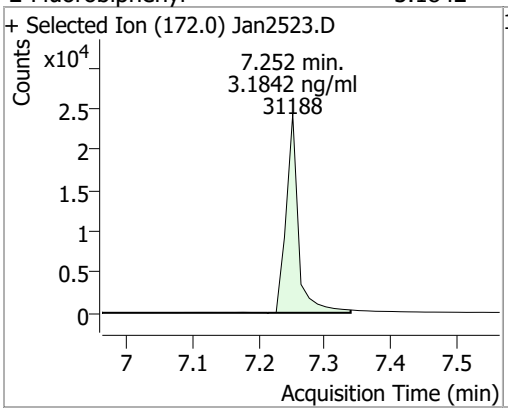
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	2.4393	6.89	-0.01	17071	142.0	115.1	79.2	147.1
					115.0	69.1	47.5	88.2

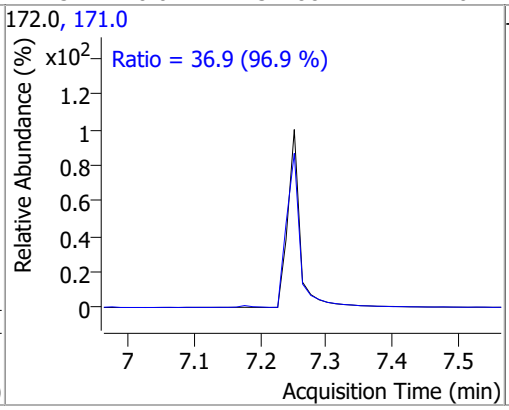


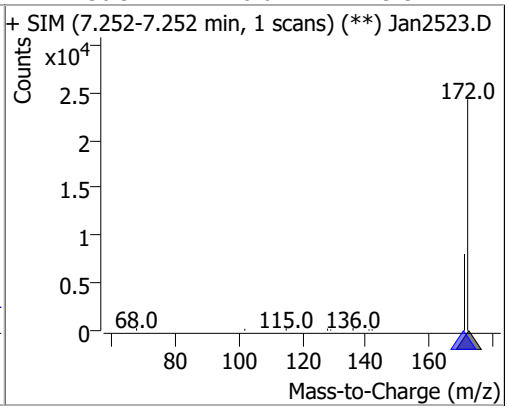




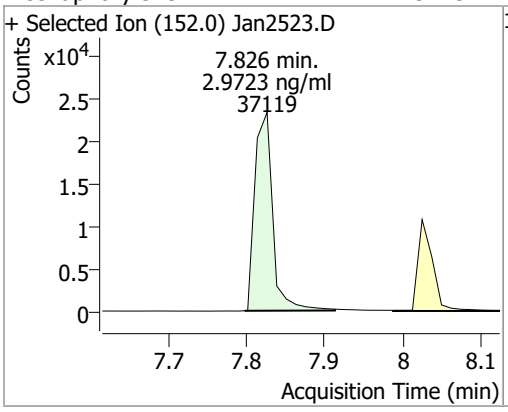
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	3.1842	7.25	-0.01	31188	171.0	36.9	26.6	49.5

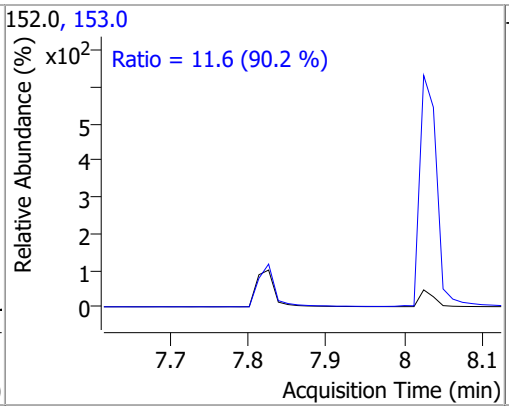


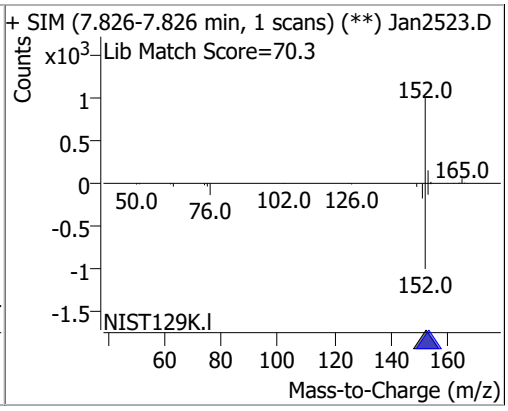




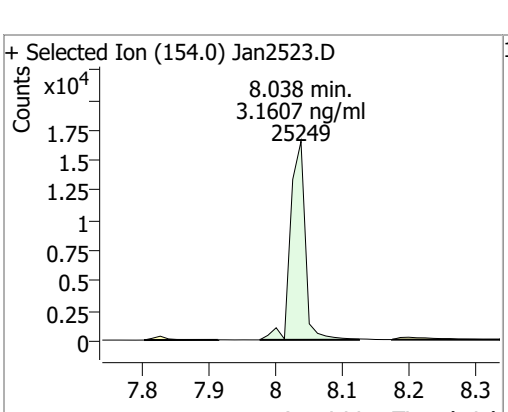
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	2.9723	7.83	0.00	37119	153.0	11.6	9.0	16.6

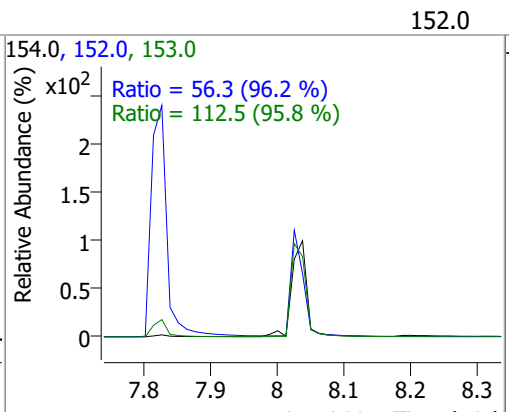


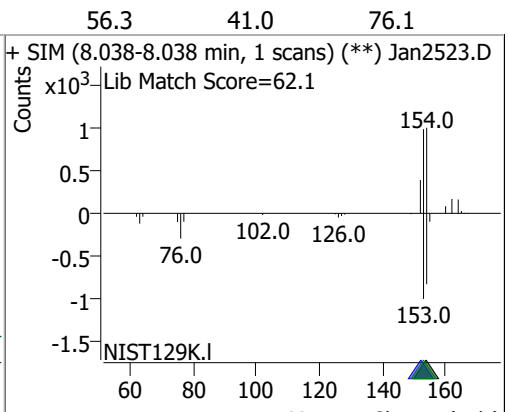




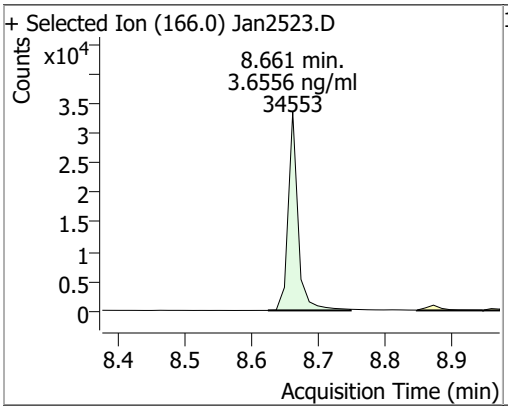
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	3.1607	8.04	0.00	25249	153.0	112.5	82.1	152.6
					152.0	56.3	41.0	76.1

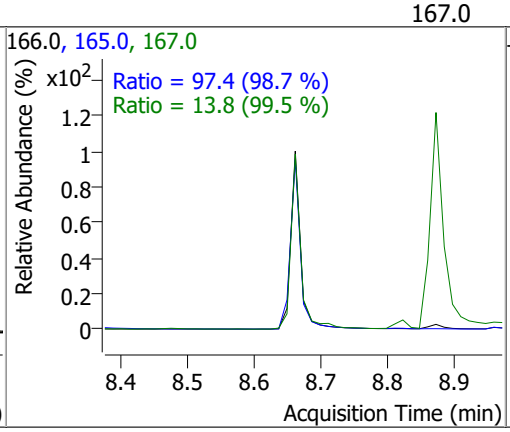


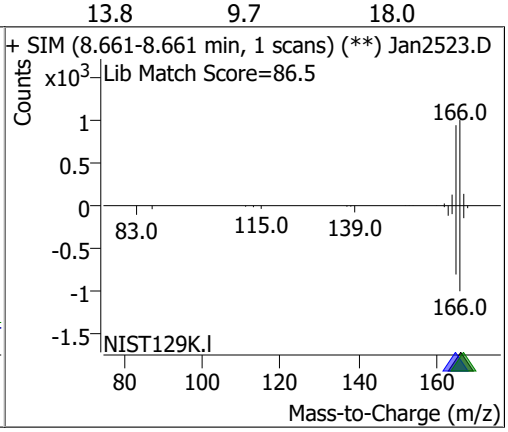




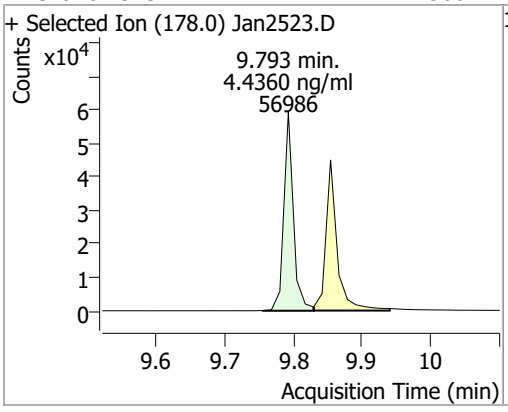
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	3.6556	8.66	-0.01	34553	165.0	97.4	69.1	128.3
					167.0	13.8	9.7	18.0

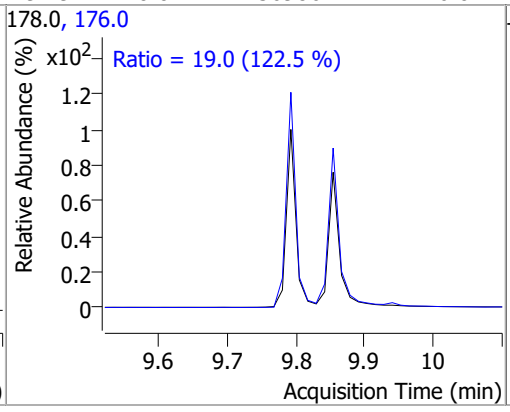


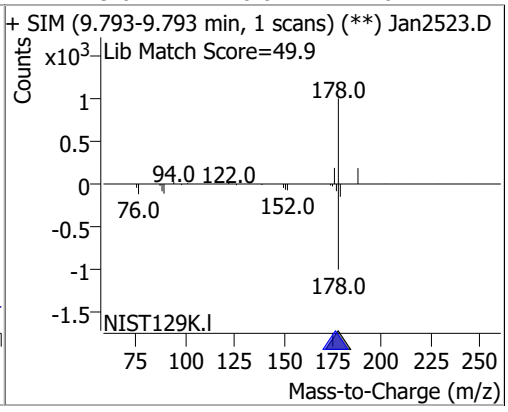




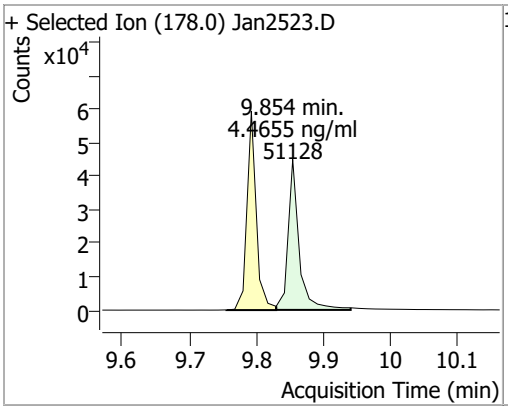
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	4.4360	9.79	-0.01	56986	176.0	19.0	10.8	20.1

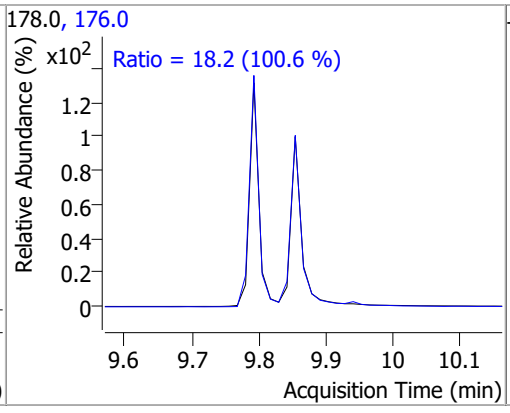


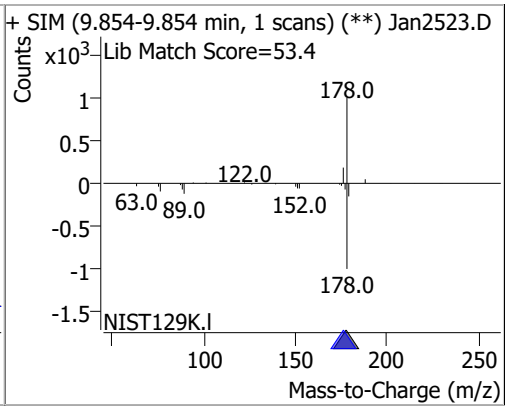




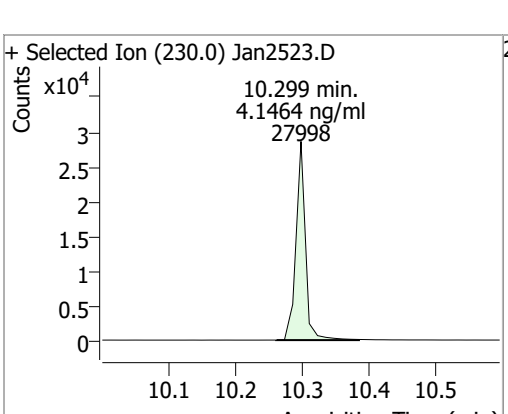
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	4.4655	9.85	-0.01	51128	176.0	18.2	12.7	23.5

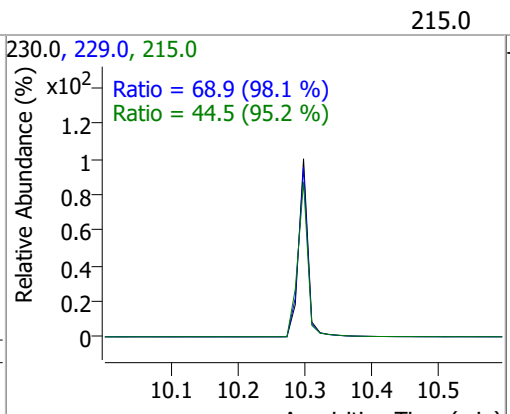


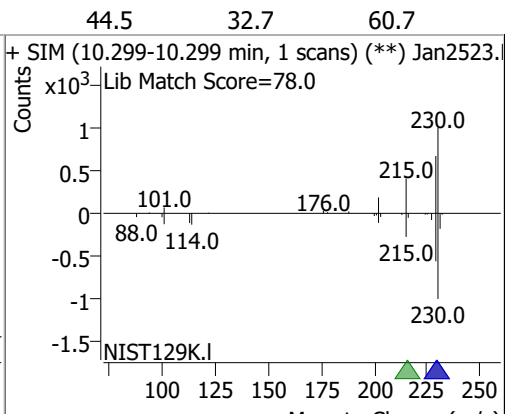




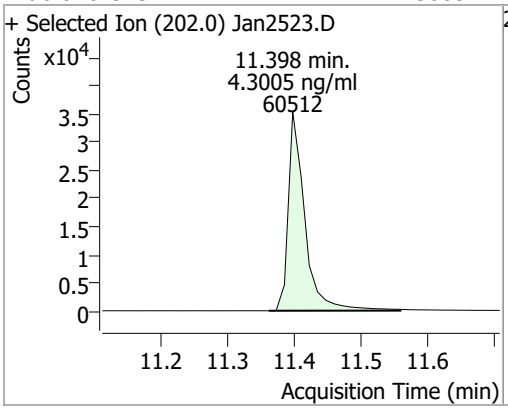
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	4.1464	10.30	0.00	27998	229.0	68.9	49.2	91.3
					215.0	44.5	32.7	60.7

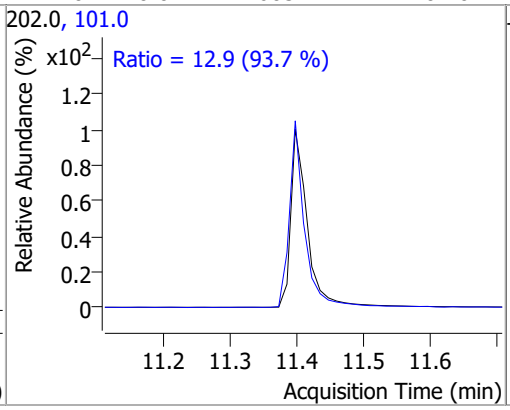


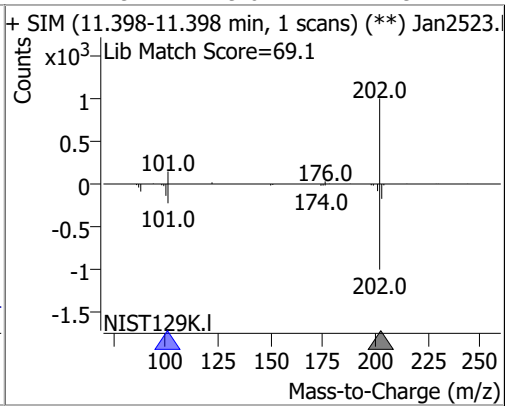




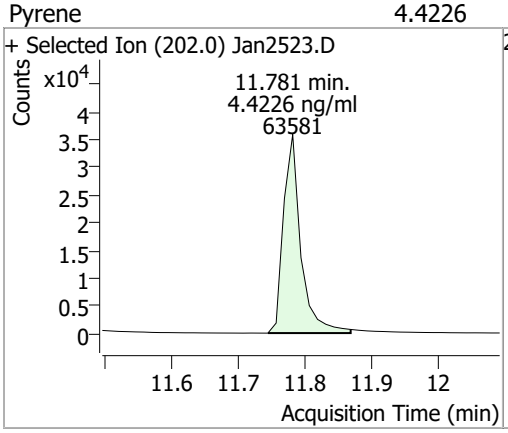
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	4.3005	11.40	-0.01	60512	101.0	12.9	9.6	17.9

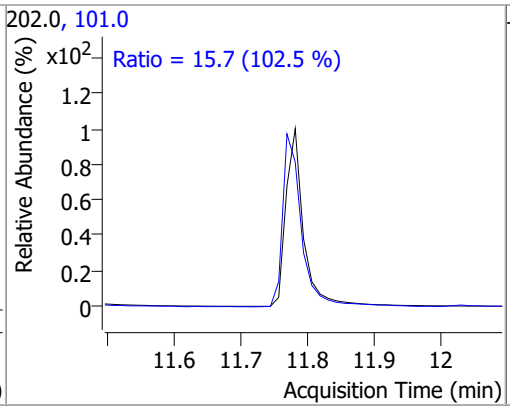


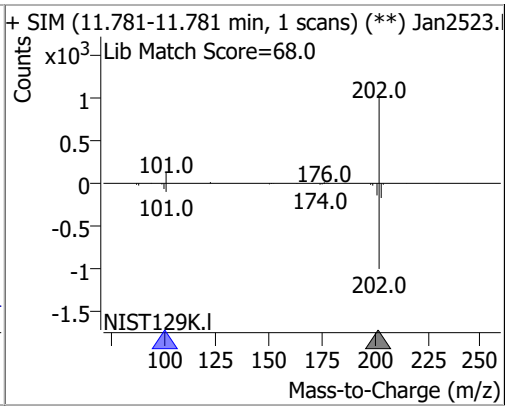




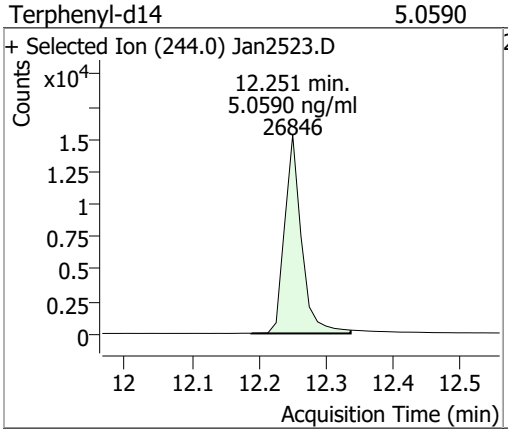
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	4.4226	11.78	-0.01	63581	101.0	15.7	10.7	20.0

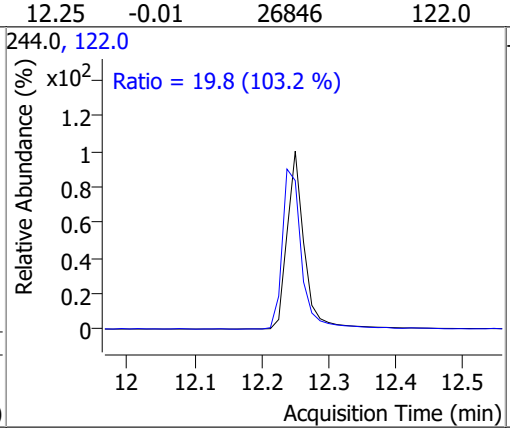


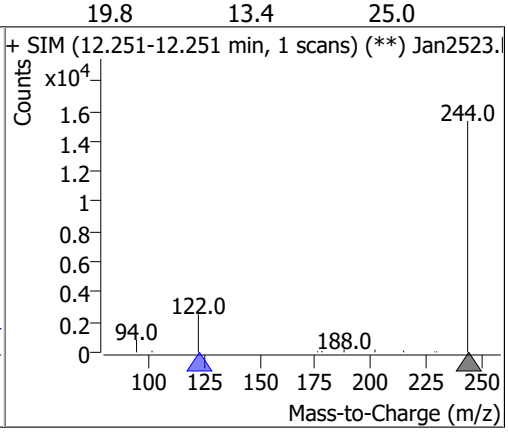




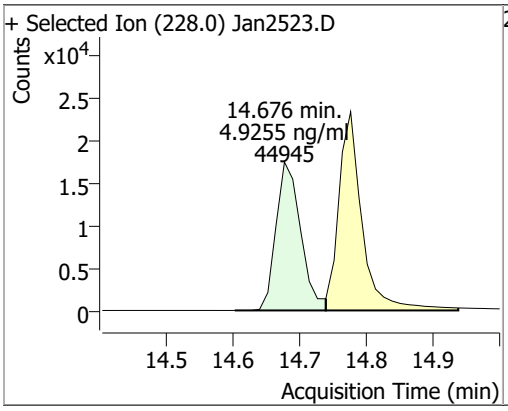
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	5.0590	12.25	-0.01	26846	122.0	19.8	13.4	25.0

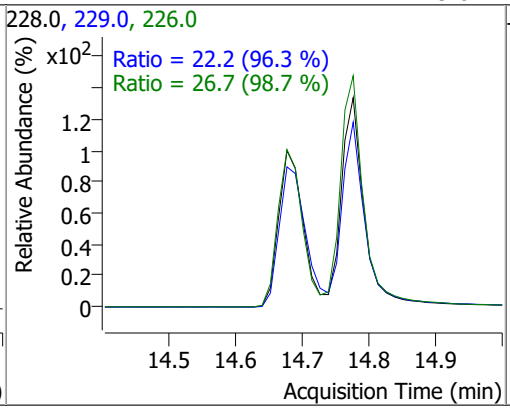


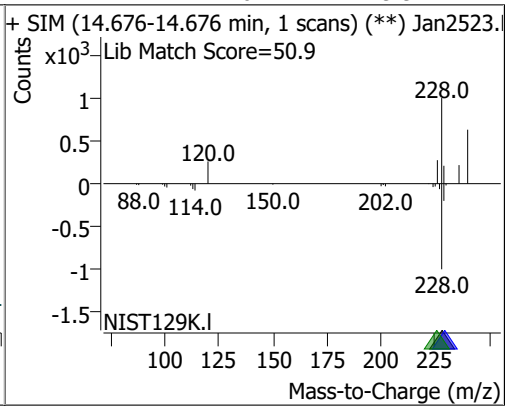




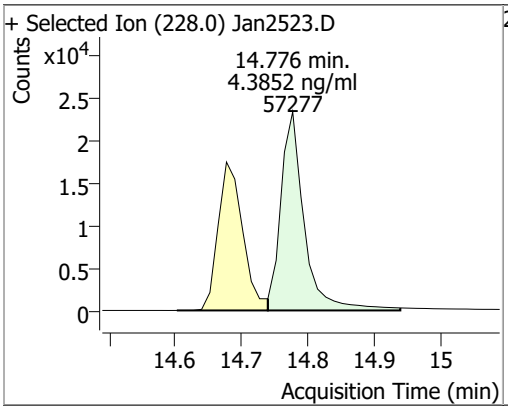
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	4.9255	14.68	-0.02	44945	226.0	26.7	18.9	35.1
					229.0	22.2	16.1	29.9

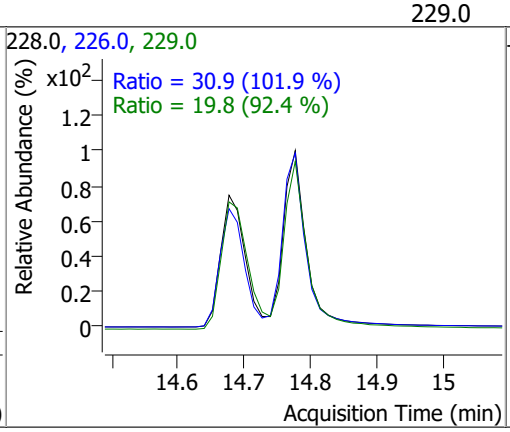


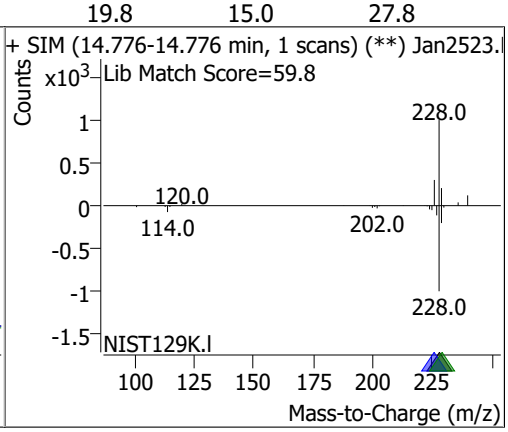




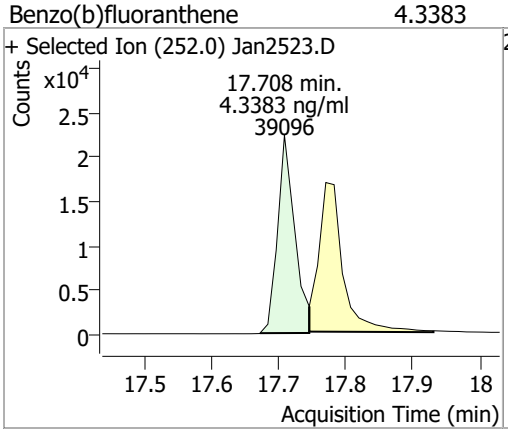
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	4.3852	14.78	-0.01	57277	226.0	30.9	21.2	39.4
					229.0	19.8	15.0	27.8

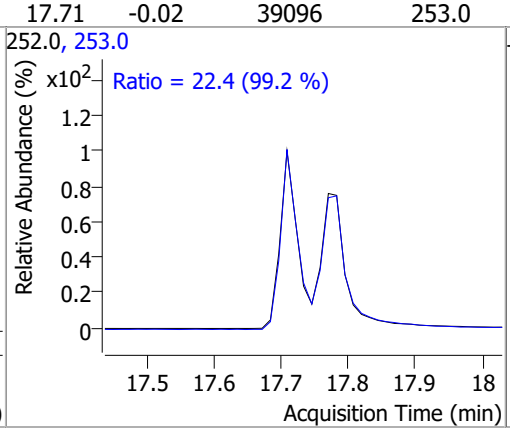


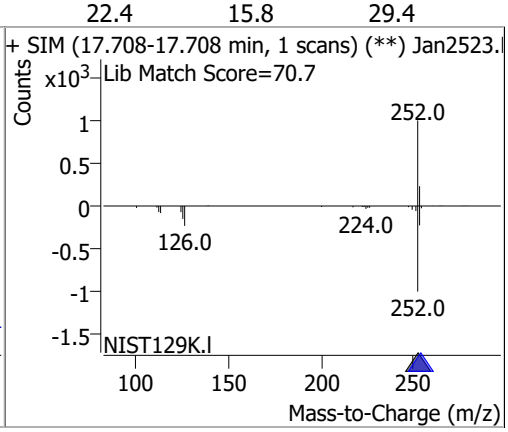




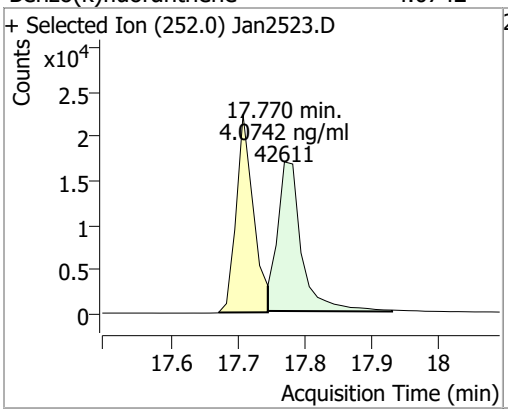
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	4.3383	17.71	-0.02	39096	253.0	22.4	15.8	29.4

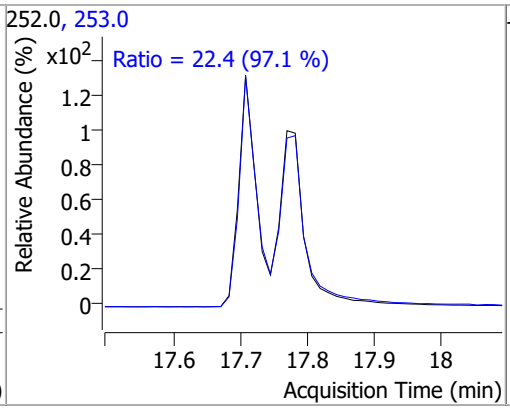


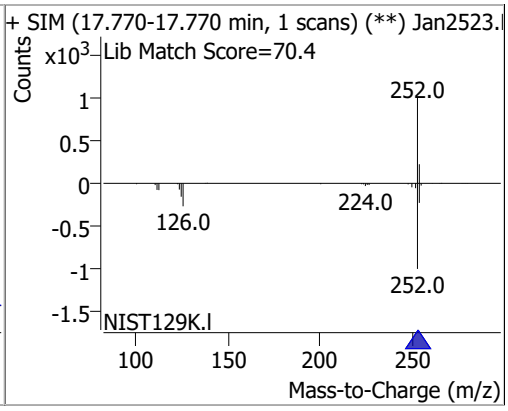




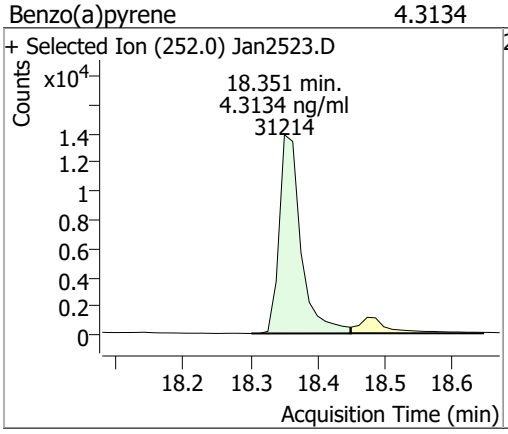
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	4.0742	17.77	-0.02	42611	253.0	22.4	16.1	29.9

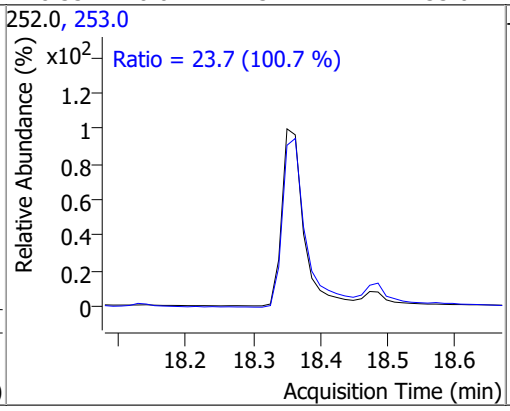


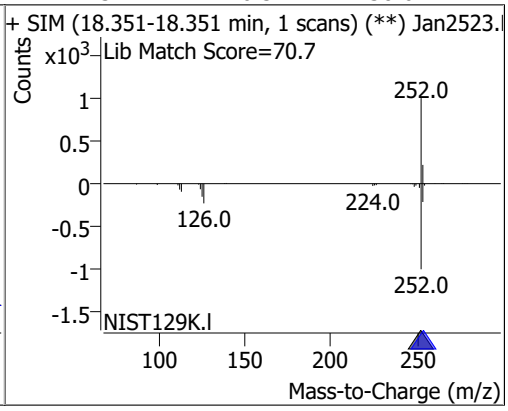




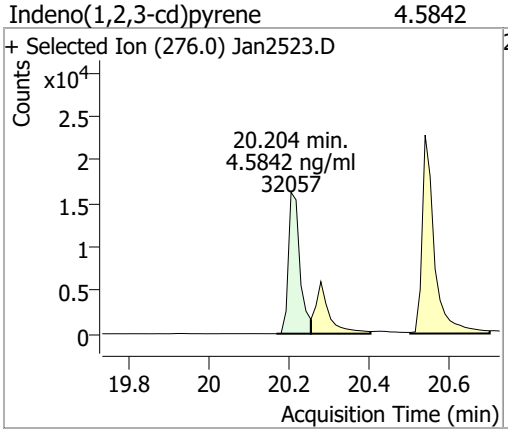
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	4.3134	18.35	-0.02	31214	253.0	23.7	16.5	30.6

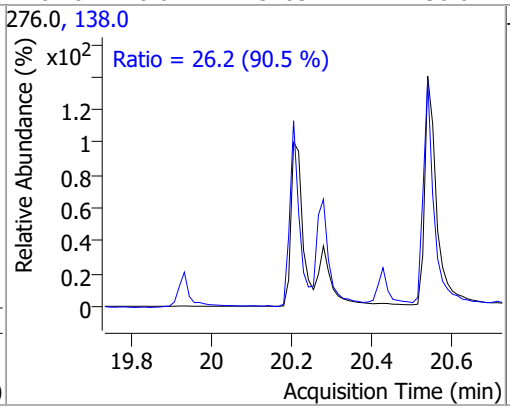


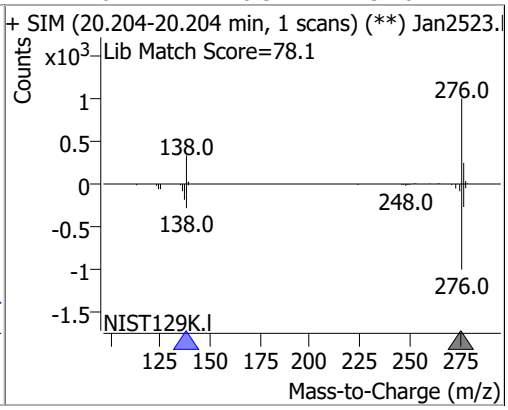




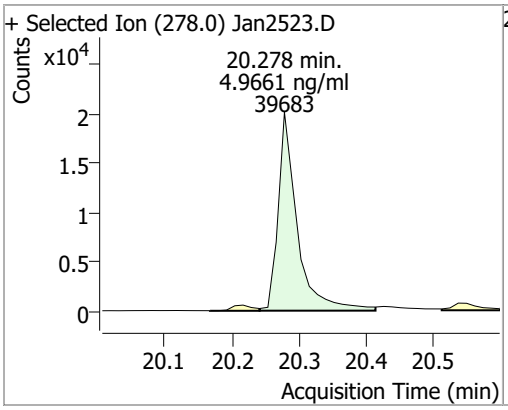
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	4.5842	20.20	-0.02	32057	138.0	26.2	20.3	37.6

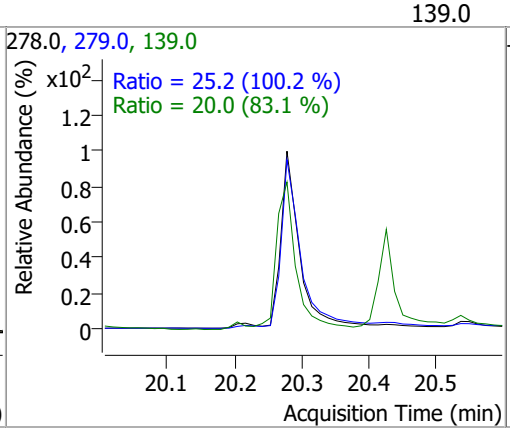


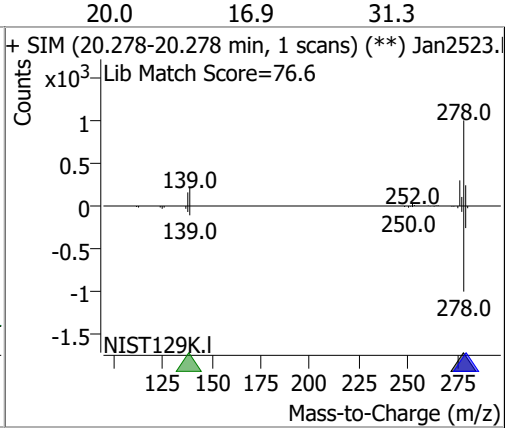




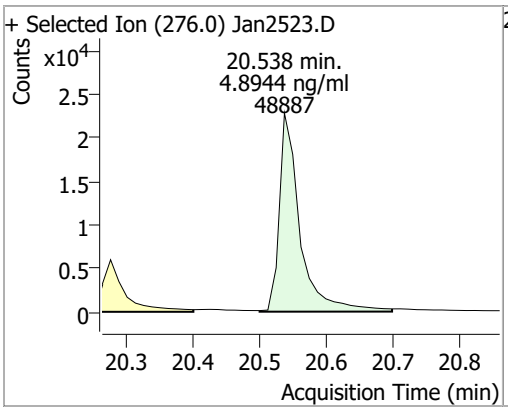
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	4.9661	20.28	-0.02	39683	279.0	25.2	17.6	32.7
					139.0	20.0	16.9	31.3

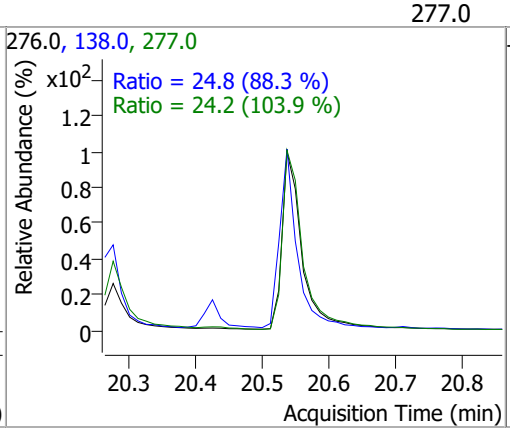


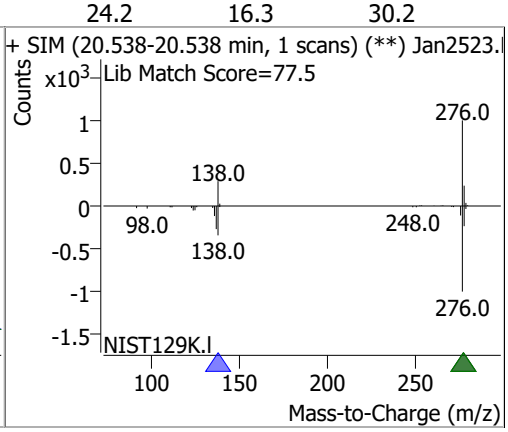




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	4.8944	20.54	-0.02	48887	138.0	24.8	19.6	36.5
					277.0	24.2	16.3	30.2

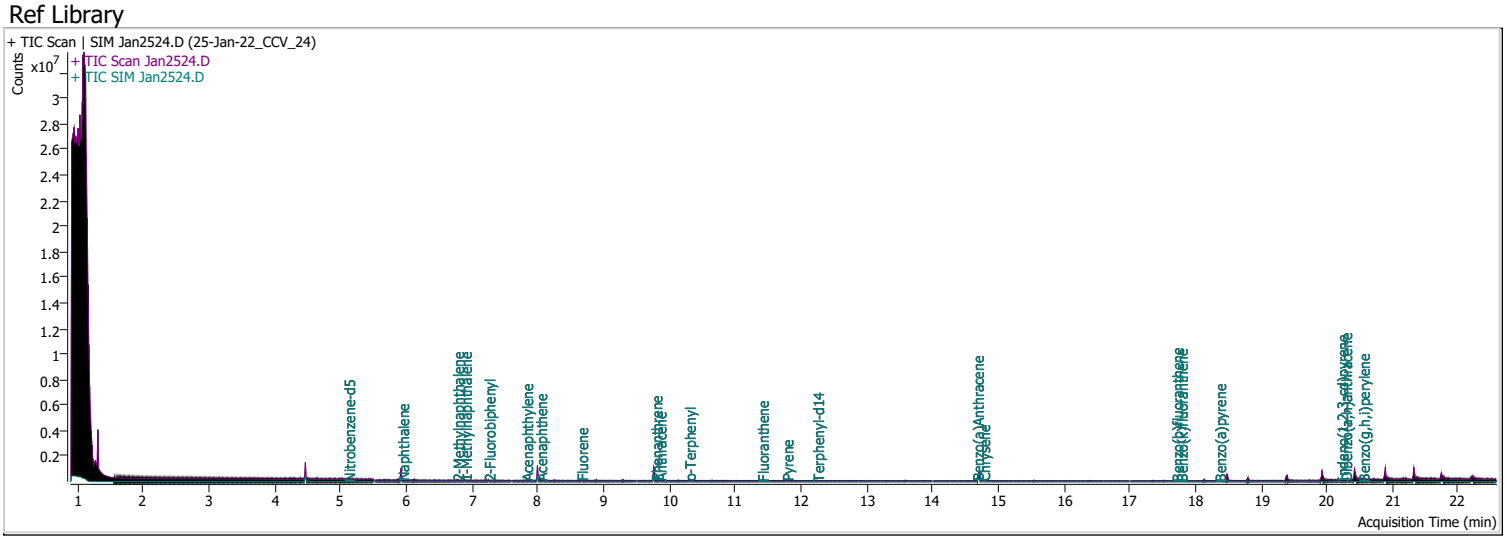






Quantitation Results Report (QT Reviewed)

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			

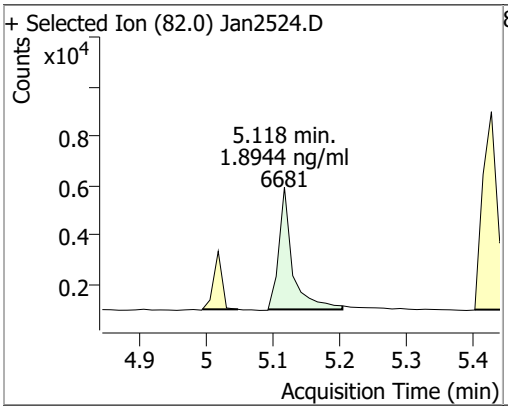


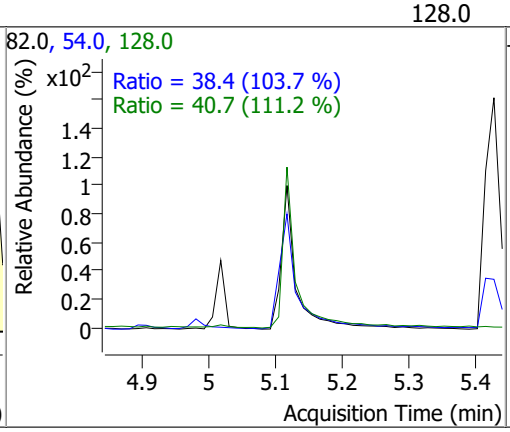
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1,4-Dichlorobenzene-d4	4.472	152.0	185437	40.0000	ng/ml		-0.025
M Naphthalene-d8	5.916	136.0	318834	40.0000	ng/ml		-0.025
M Acenaphthene-d10	8.000	164.0	191463	40.0000	ng/ml		0.000
M Phenanthrene-d10	9.768	188.0	381538	40.0000	ng/ml		-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
System Monitoring Compounds							
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%			
Target Compounds							**QValue**
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

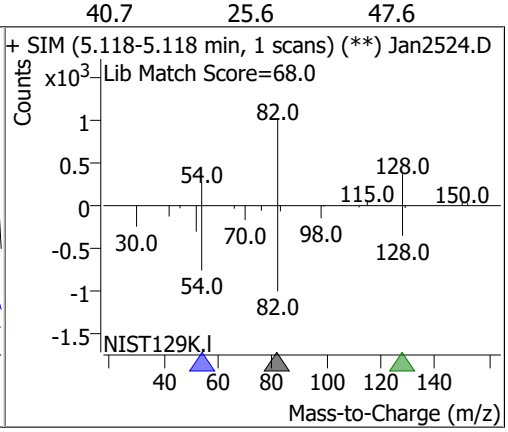
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T Benzo(k)fluoranthene	17.783	252.0	17553	1.8927	ng/ml	97
T Benzo(a)pyrene	18.363	252.0	12435	2.0105	ng/ml	99
T Indeno(1,2,3-cd)pyrene	20.217	276.0	12487	2.1095	ng/ml	98
T Dibenzo(a,h)anthracene	20.278	278.0	14333	1.9885	ng/ml	99
T Benzo(g,h,i)perylene	20.550	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

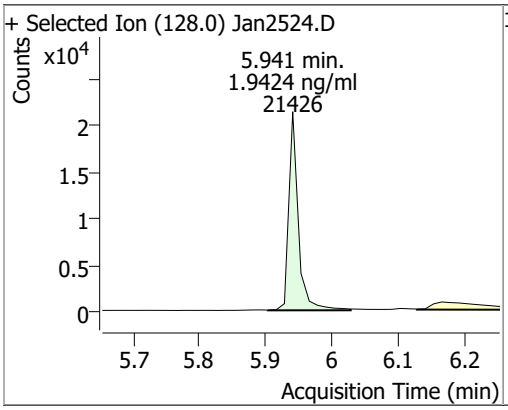
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Nitrobenzene-d5	1.8944	5.12	-0.02	6681	54.0	38.4	25.9	48.1
					128.0	40.7	25.6	47.6

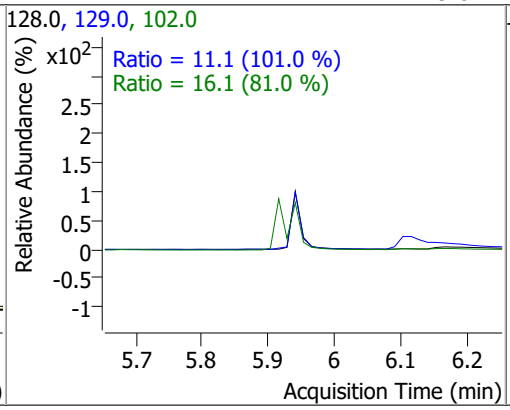


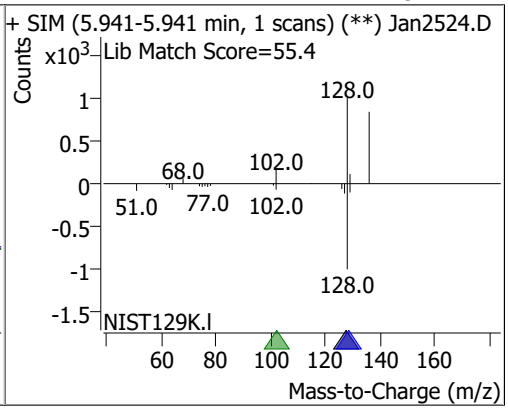




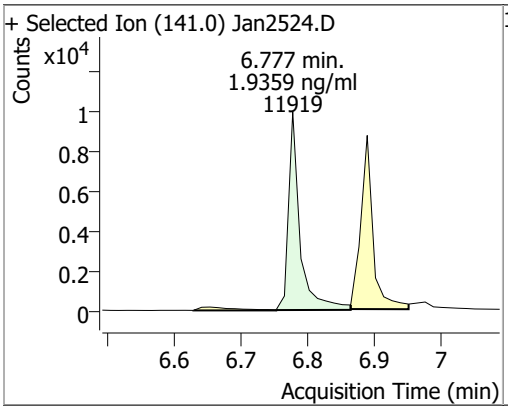
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	1.9424	5.94	-0.01	21426	102.0	16.1	0.0	59.6
					129.0	11.1	7.7	14.3

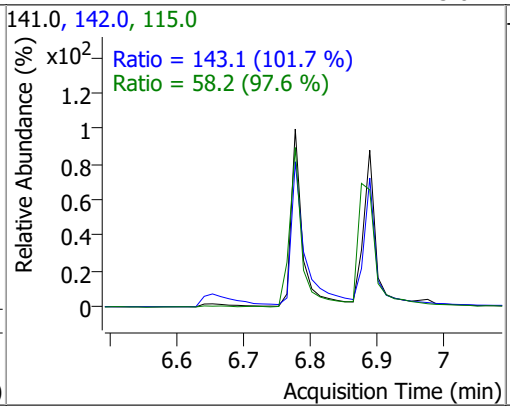


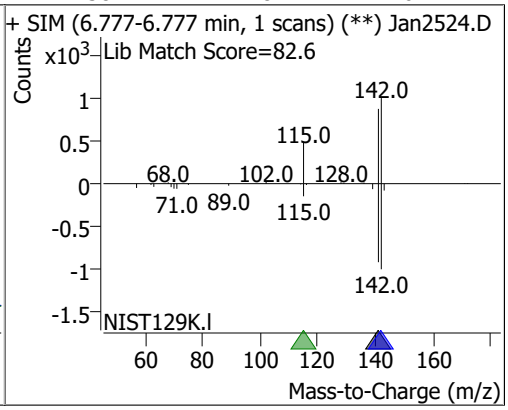




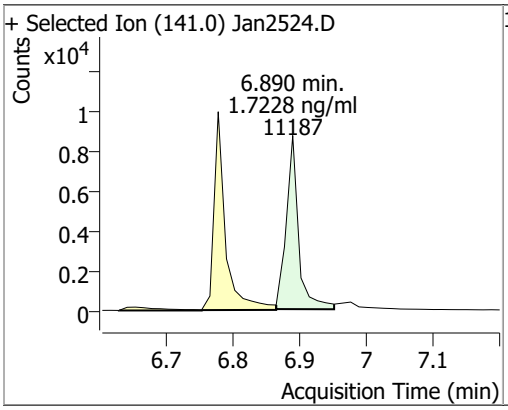
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Methylnaphthalene	1.9359	6.78	-0.01	11919	142.0	143.1	98.5	183.0
					115.0	58.2	41.8	77.6

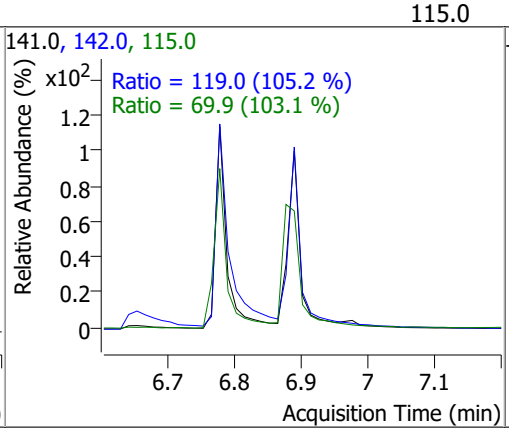


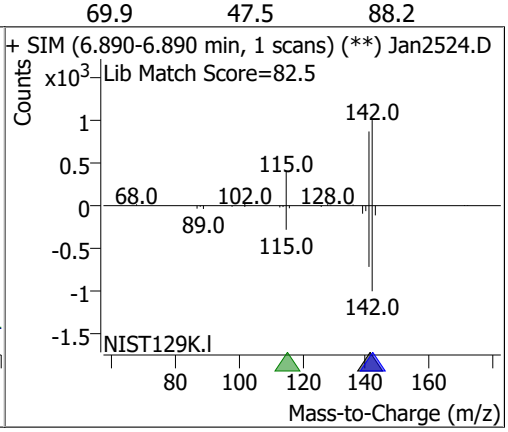




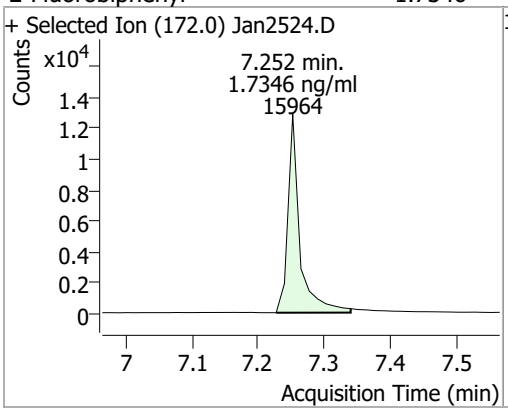
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1-Methylnaphthalene	1.7228	6.89	-0.01	11187	142.0	119.0	79.2	147.1
					115.0	69.9	47.5	88.2

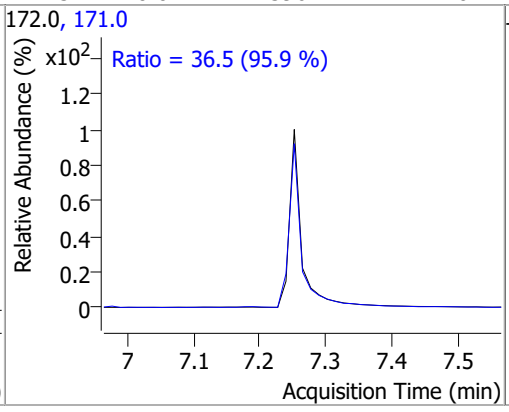


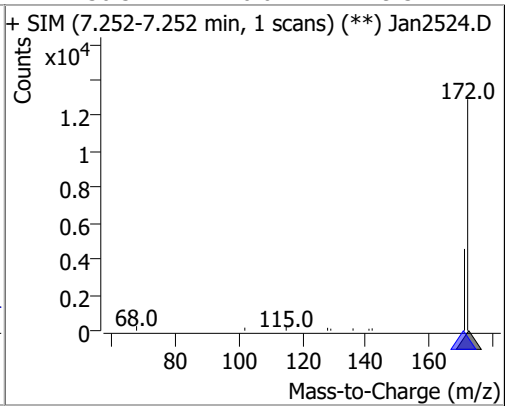




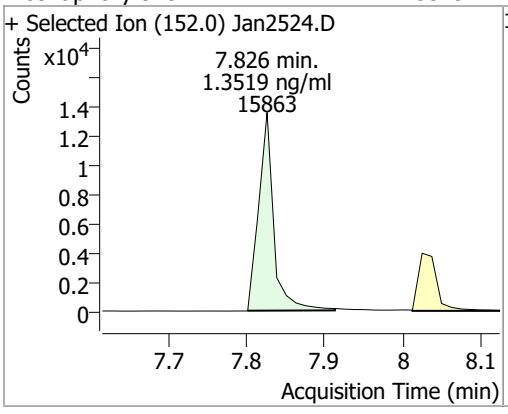
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Fluorobiphenyl	1.7346	7.25	-0.01	15964	171.0	36.5	26.6	49.5

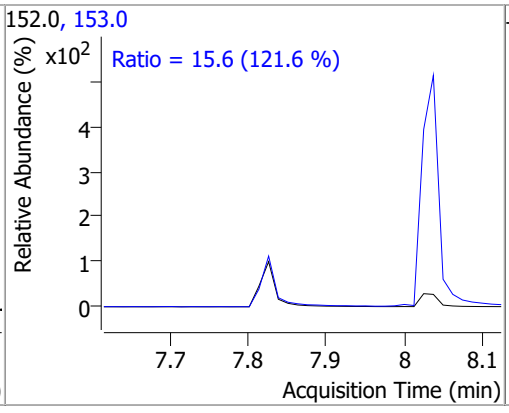


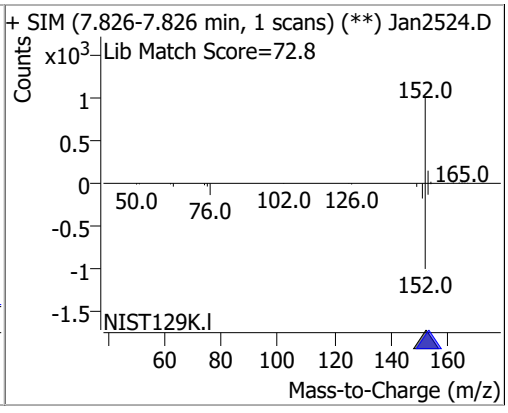




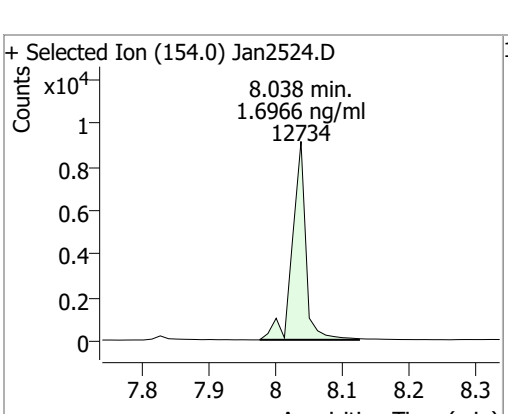
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthylene	1.3519	7.83	0.00	15863	153.0	15.6	9.0	16.6

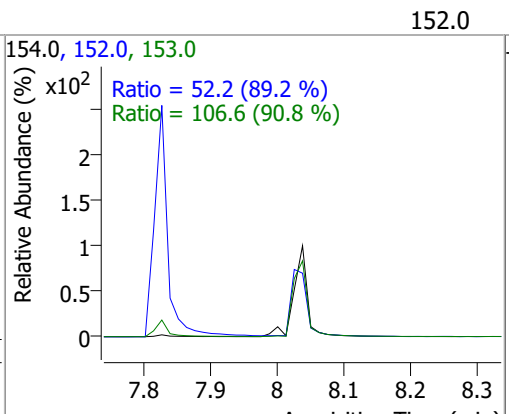


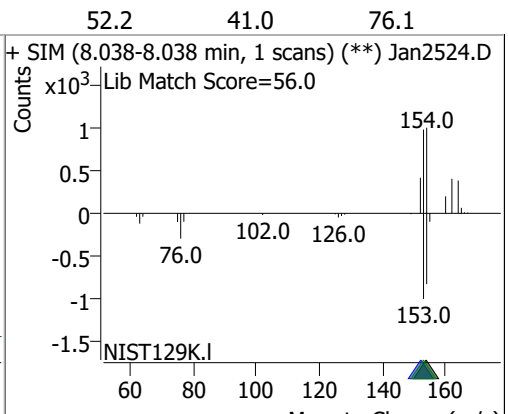




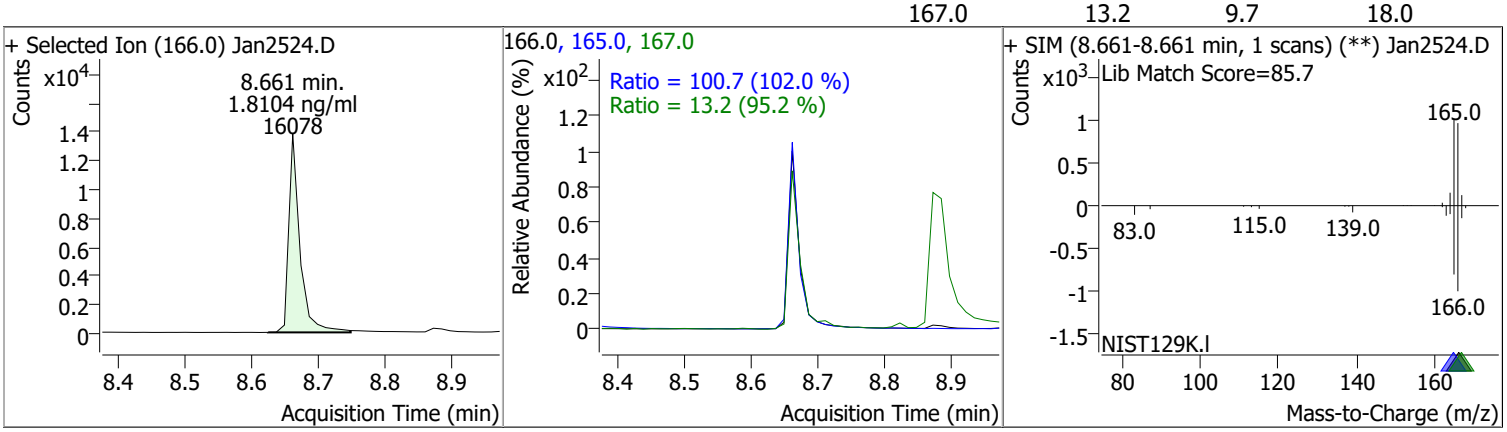
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acenaphthene	1.6966	8.04	0.00	12734	153.0	106.6	82.1	152.6
					152.0	52.2	41.0	76.1



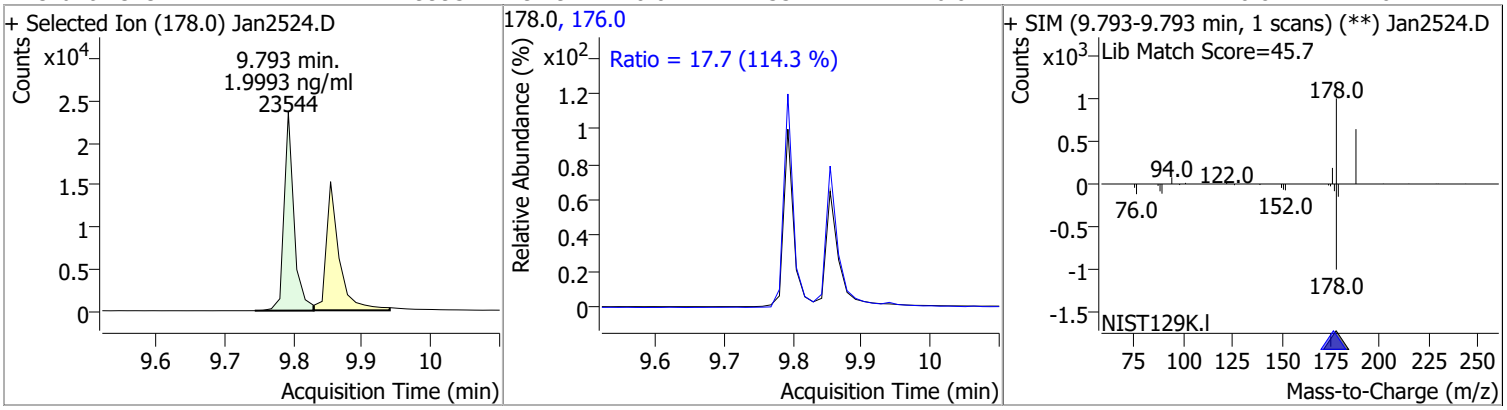




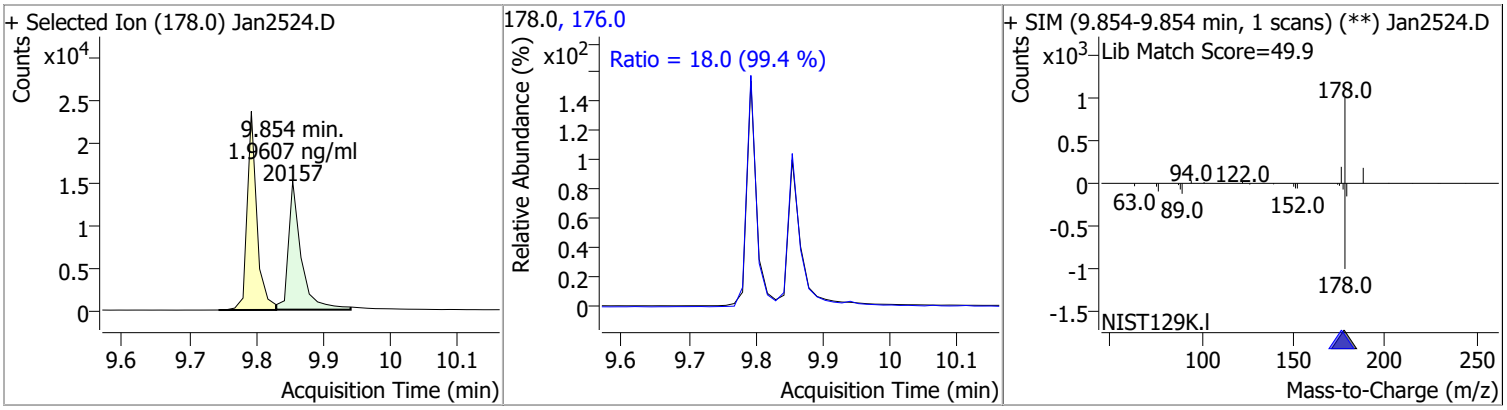
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluorene	1.8104	8.66	-0.01	16078	165.0	100.7	69.1	128.3
					167.0	13.2	9.7	18.0



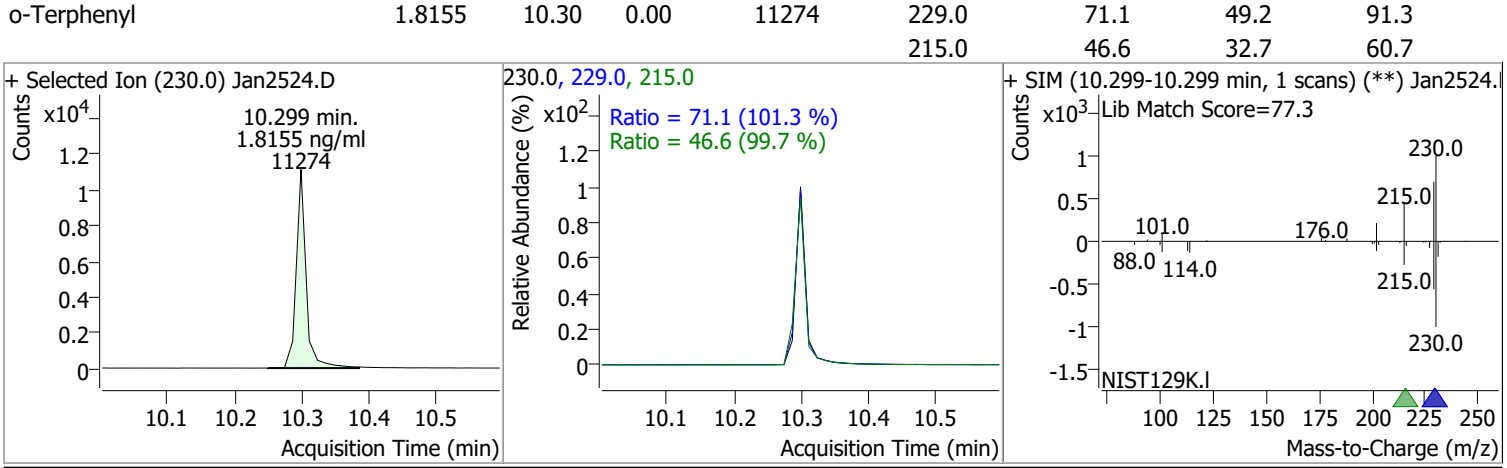
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Phenanthrene	1.9993	9.79	-0.01	23544	176.0	17.7	10.8	20.1



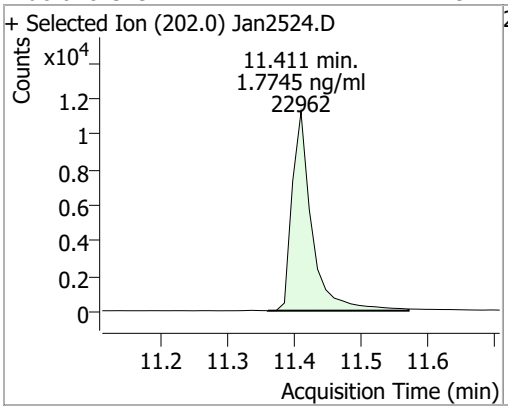
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Anthracene	1.9607	9.85	-0.01	20157	176.0	18.0	12.7	23.5

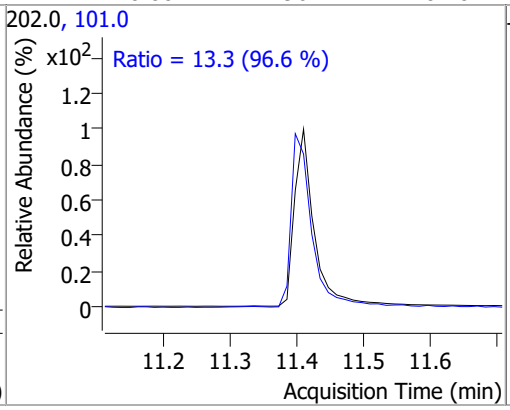


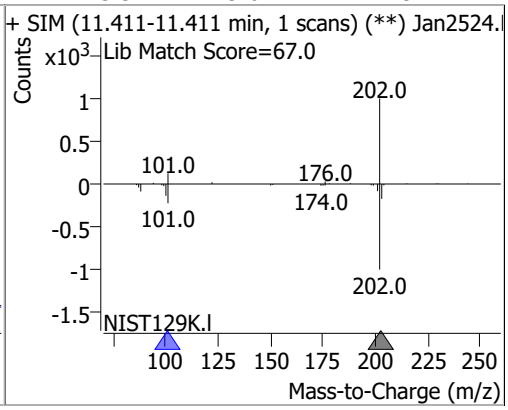
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Terphenyl	1.8155	10.30	0.00	11274	229.0	71.1	49.2	91.3
					215.0	46.6	32.7	60.7



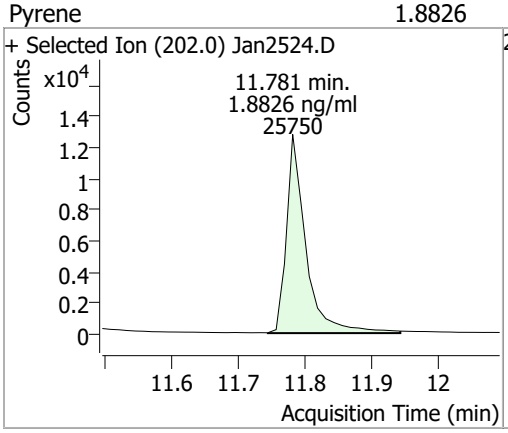
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Fluoranthene	1.7745	11.41	0.00	22962	101.0	13.3	9.6	17.9

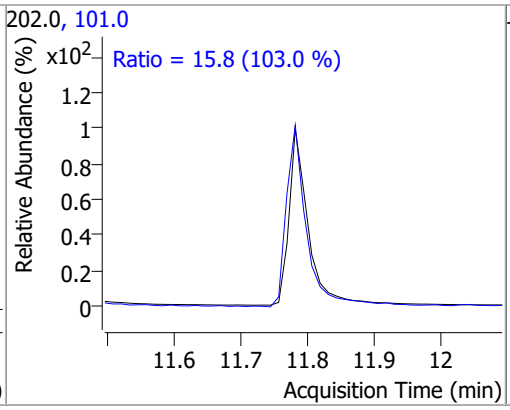


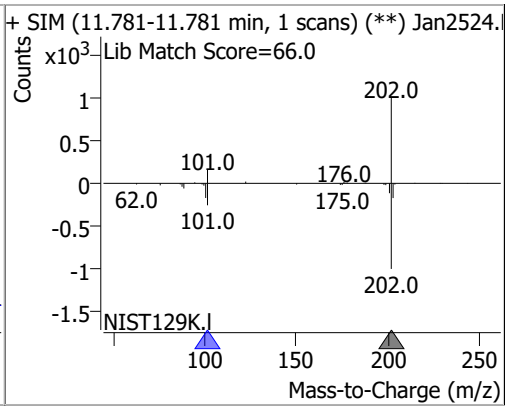




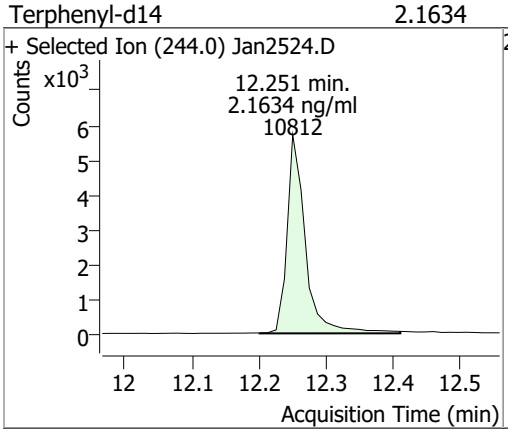
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pyrene	1.8826	11.78	-0.01	25750	101.0	15.8	10.7	20.0

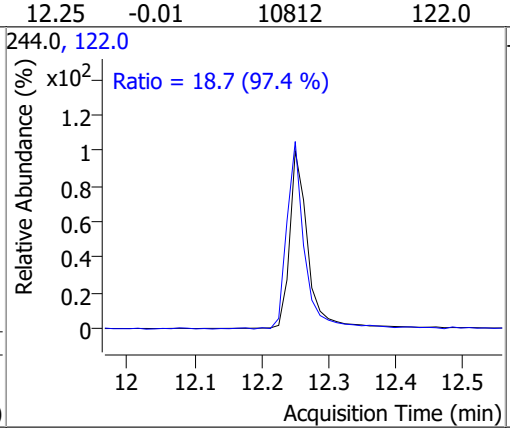


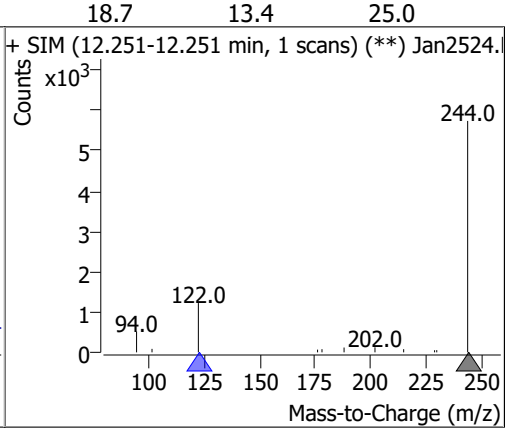




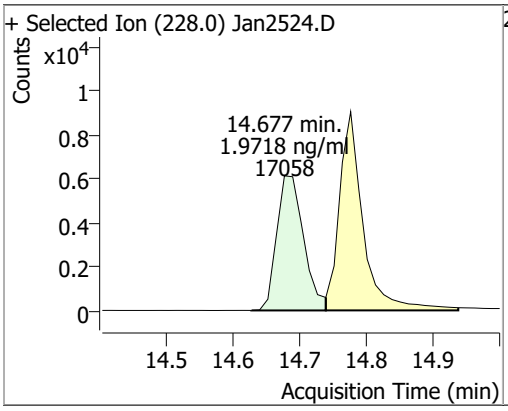
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Terphenyl-d14	2.1634	12.25	-0.01	10812	122.0	18.7	13.4	25.0

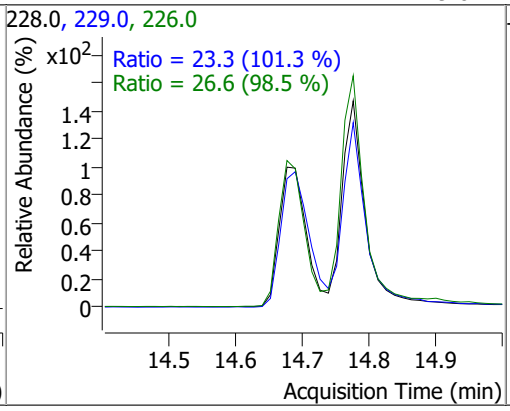


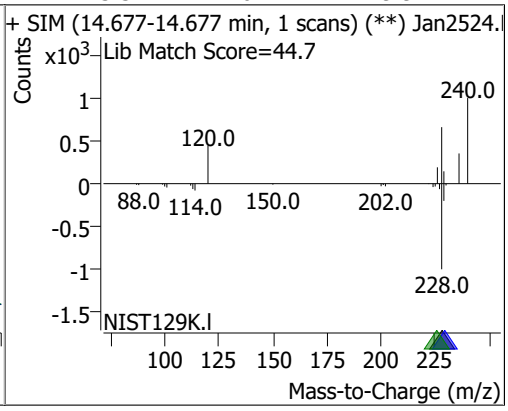




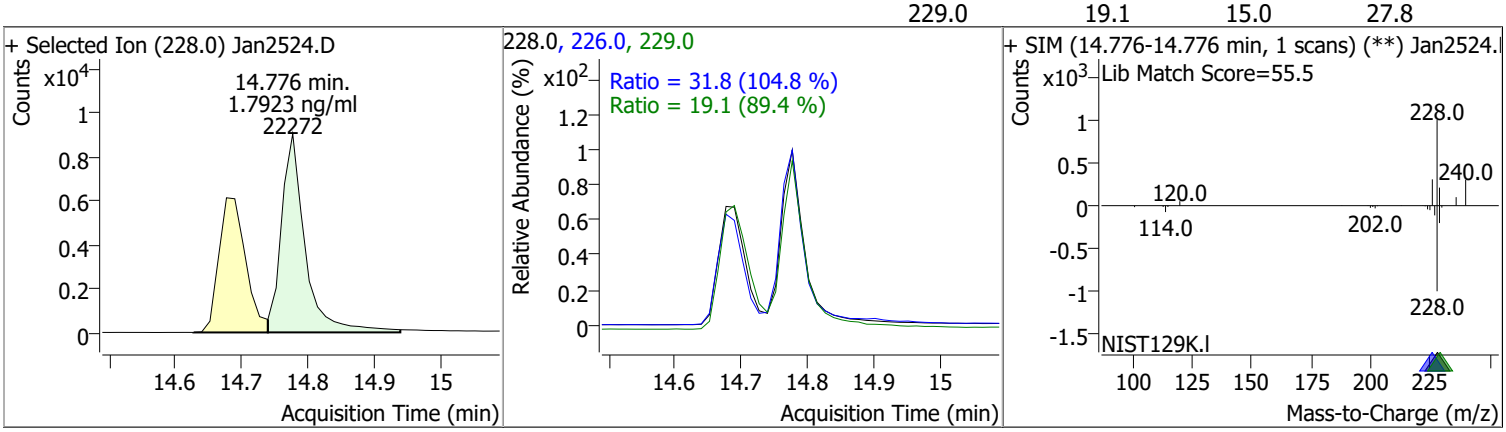
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)Anthracene	1.9718	14.68	-0.02	17058	226.0	26.6	18.9	35.1
					229.0	23.3	16.1	29.9



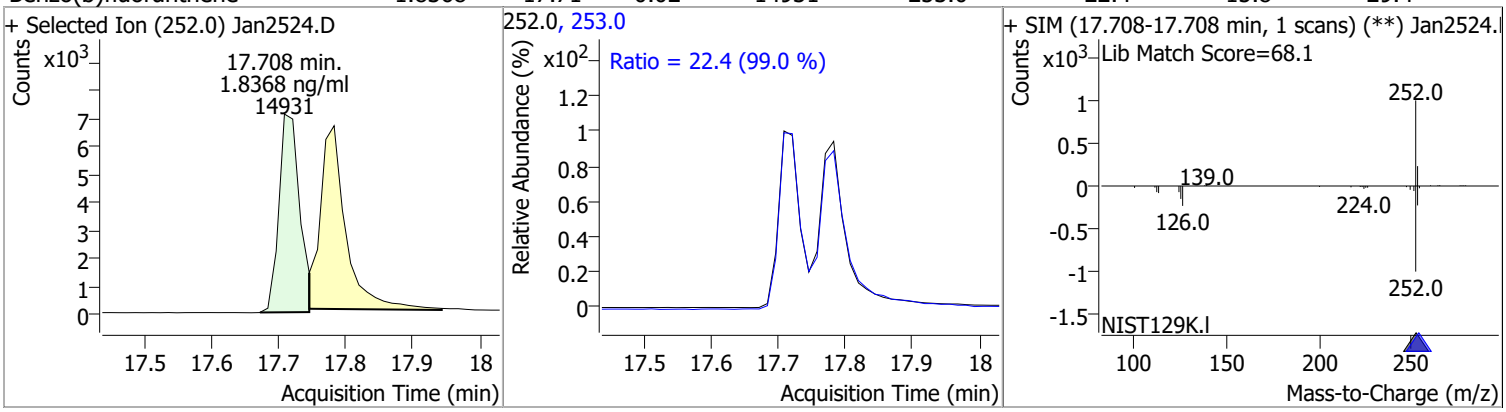




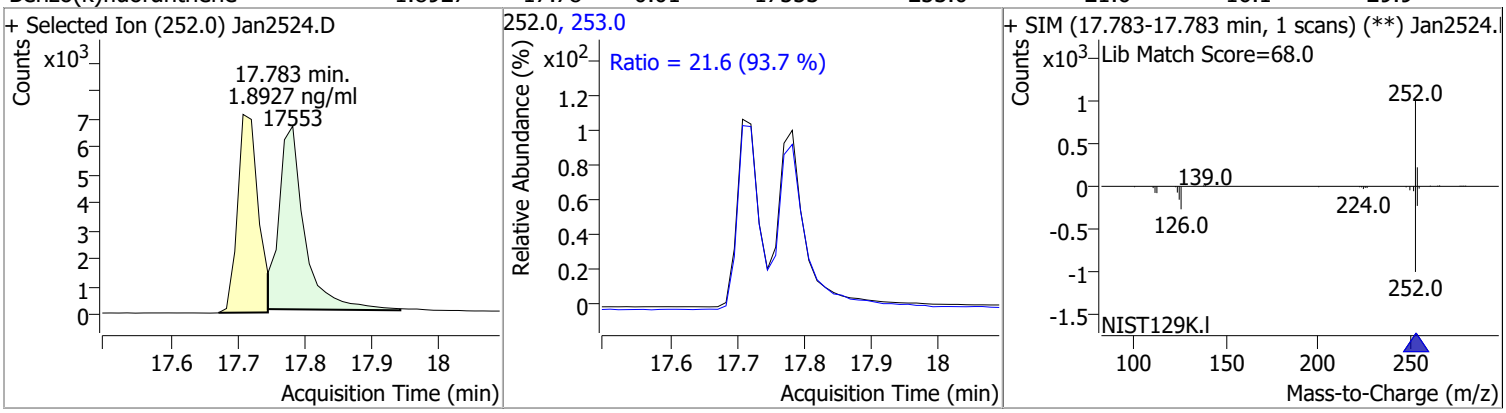
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chrysene	1.7923	14.78	-0.01	22272	226.0	31.8	21.2	39.4
					229.0	19.1	15.0	27.8



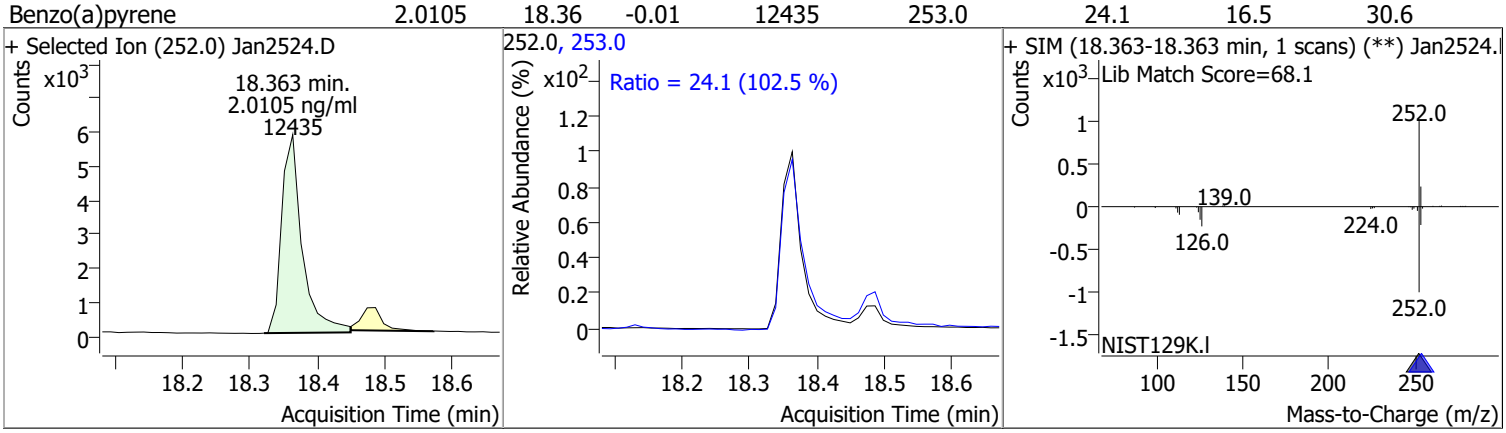
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(b)fluoranthene	1.8368	17.71	-0.02	14931	253.0	22.4	15.8	29.4



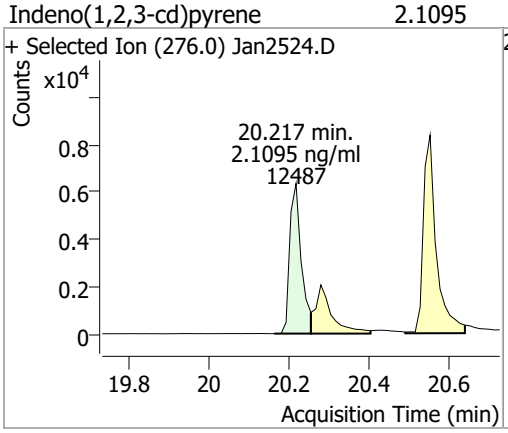
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(k)fluoranthene	1.8927	17.78	-0.01	17553	253.0	21.6	16.1	29.9

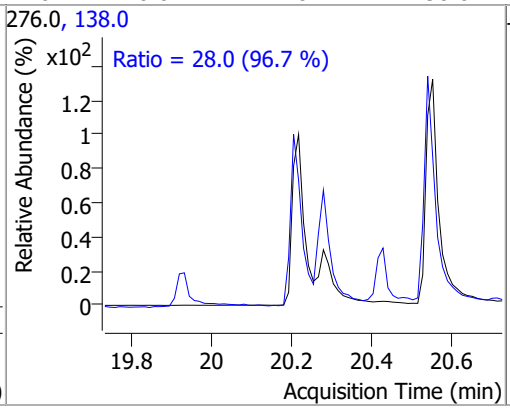


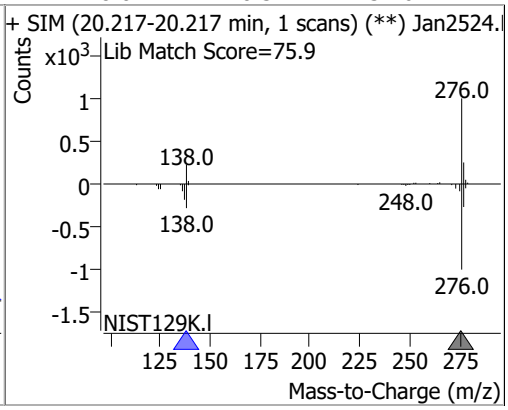
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(a)pyrene	2.0105	18.36	-0.01	12435	253.0	24.1	16.5	30.6



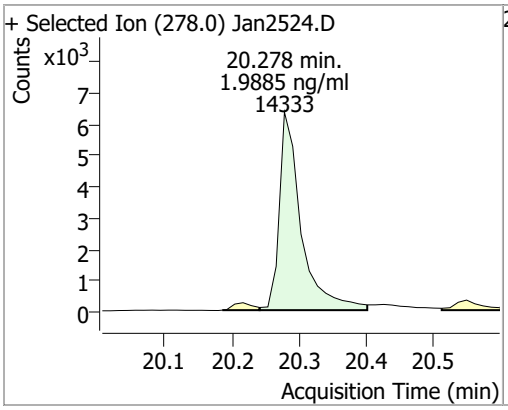
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Indeno(1,2,3-cd)pyrene	2.1095	20.22	-0.01	12487	138.0	28.0	20.3	37.6

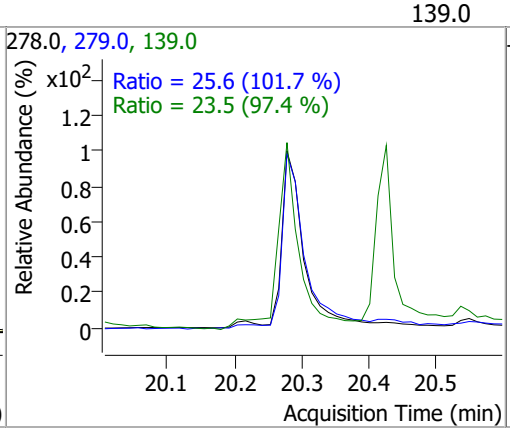


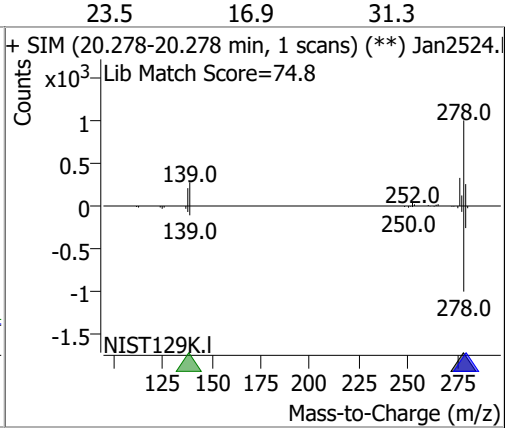




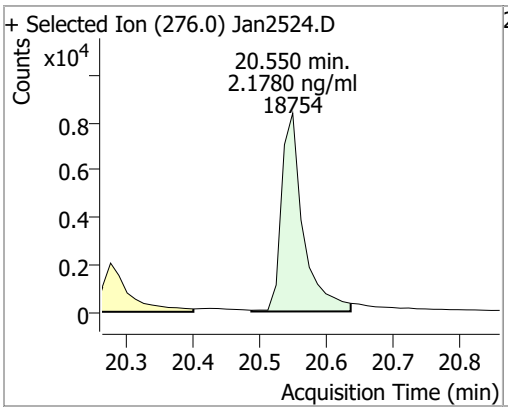
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibenzo(a,h)anthracene	1.9885	20.28	-0.02	14333	279.0	25.6	17.6	32.7
					139.0	23.5	16.9	31.3

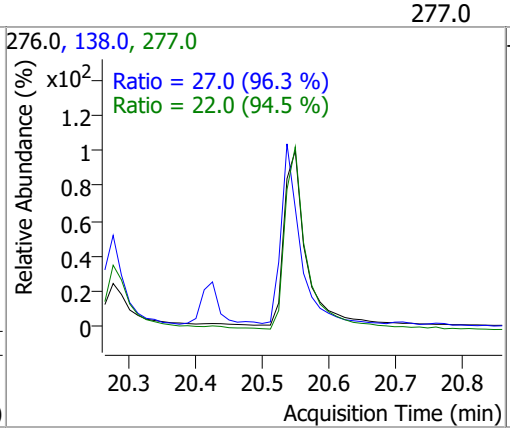


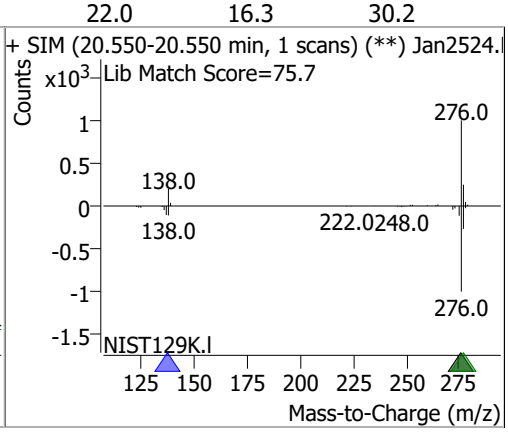




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzo(g,h,i)perylene	2.1780	20.55	-0.01	18754	138.0	27.0	19.6	36.5
					277.0	22.0	16.3	30.2







Continuing Calibration Report

Agilent | Trusted Answers

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	
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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

Agilent | Trusted Answers

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	
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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
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;

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 qualifier153.0 of compound Acenaphthylene in sample Jan2502.D from x, y = 7.801, 772 to 7.863, 2051; result = -1913			✓	

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			✓	

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\sh012522\1 e8270c bna SIM\Jan2524.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2523.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2522.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2521.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2520.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2519.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2518.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2517.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2516.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2515.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2514.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2513.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2512.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2511.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2510.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2509.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2508.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2507.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2506.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2505.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\1 e8270c bna SIM\Jan2504.D, \\MASSHUNTER\Org\Data\SV5975.I\sh012522\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			✓	

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 = NatrixA 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 = NatrixA			✓	
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			✓	

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			✓	

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.			✓	

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.			✓	

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.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate DropBaseline	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			✓	

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.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSnapBaseline	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.			✓	
CmdManuallyIntegrateDropBaseline	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			✓	
CmdManuallyIntegrateQualifierPeak	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.			✓	
CmdClearManualIntegration	BL2000\jheine	1/26/2022 8:34:12 AM	Clear manual integration of qualifier 102.0 for compound Naphthalene in sample Jan2510.D			✓	
CmdManuallyIntegrateQualifierPeak	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.			✓	
CmdClearManualIntegration	BL2000\jheine	1/26/2022 8:34:23 AM	Clear manual integration of qualifier 128.0 for compound Nitrobenzene-d5 in sample Jan2510.D			✓	
CmdManuallyIntegrateQualifierPeak	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.			✓	
CmdManuallyIntegrateDropBaseline	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.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/26/2022 8:34:48 AM	Manually integrate qualifier142.0 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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	

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			✓	

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, 70.9222222222222 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.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	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			✓	
CmdManuallyIntegrateP eak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	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.			✓	

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			✓	

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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate DropBaseline	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			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/26/2022 8:41:00 AM	Manually integrate qualifier142.0 of compound 1-Methylnaphthalene in sample Jan2514.D from x, y = 6.865, 4488 to 7.027, 5159; result = -19128			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\jheine	1/26/2022 8:41:15 AM	Manually integrate qualifier153.0 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.			✓	

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.			✓	

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.			✓	
CmdManuallyIntegrateSnapBaseline	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.			✓	

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			✓	

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.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate DropBaseline	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			✓	
CmdManuallyIntegrateP eak	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			✓	
CmdManuallyIntegrateP eak	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.			✓	
CmdManuallyIntegrateS napBaseline	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.			✓	
CmdManuallyIntegrate DropBaseline	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			✓	
CmdManuallyIntegrateP eak	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.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate DropBaseline	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			✓	
CmdManuallyIntegrateP eak	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.			✓	
CmdManuallyIntegrateP eak	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.			✓	
CmdManuallyIntegrateP eak	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.			✓	
CmdManuallyIntegrateS napBaseline	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrateP eak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	

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.			✓	

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			✓	

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			✓	
CmdManuallyIntegrate QualifierPeak	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.			✓	

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.			✓	

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 qualifier153.0 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\sh 012522\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\sh 012522\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			✓	

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			✓	

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			✓	

Prep Batch 163072 Standards Traceability Report

Spike ID: sv83514
Spike Name: Additionals
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. Benge
Status: Open
Final Volume: 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Custom Semi-Volatile Standard	14279	1	mL	10/1/2022

Stock Source	Base Units	Amount Added

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. Benge
Status: New
Final Volume: 5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
B/N Surrogate Mix (4/89 SOW)	14431	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. Benge
Status: New
Final Volume: mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
CLP Semi-volatile calibration standard	14546		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	14527		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	13755	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	13755	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	13755	3.8	mL	3/31/2022

Stock Source	Base Units	Amount Added
sv92706	ug/mL	0.2 mL

125 Market Street
New Haven, CT 06513
USA

AccuStandard®

Tel (203)786-5290
Fax (203)786-5287
www.AccuStandard.com

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*

Signal Word: Warning

Date Certified: Aug 31, 2021
Expiration: Oct 1, 2022
Sample Size: 1 mL
Components: 10
Storage Condition: Freeze (<-10 °C)/Sonicate

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463

ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration² (µg/mL)	Certified Analyte Concentration¹ (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 #: 14279
Opened:
Custom Semi-Volatile Standard
Expires: 10/1/2022
Rec'd: 9/16/2021
Energy 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.

² All weights are traceable through NIST, Test No. 684/289871-17

¹ 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.

 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

Page 1 of 1

For use in routine laboratory analysis.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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: Prashant Chauhan 091521 DATE

Reviewed By: Pedro L. Rentas 091521 DATE

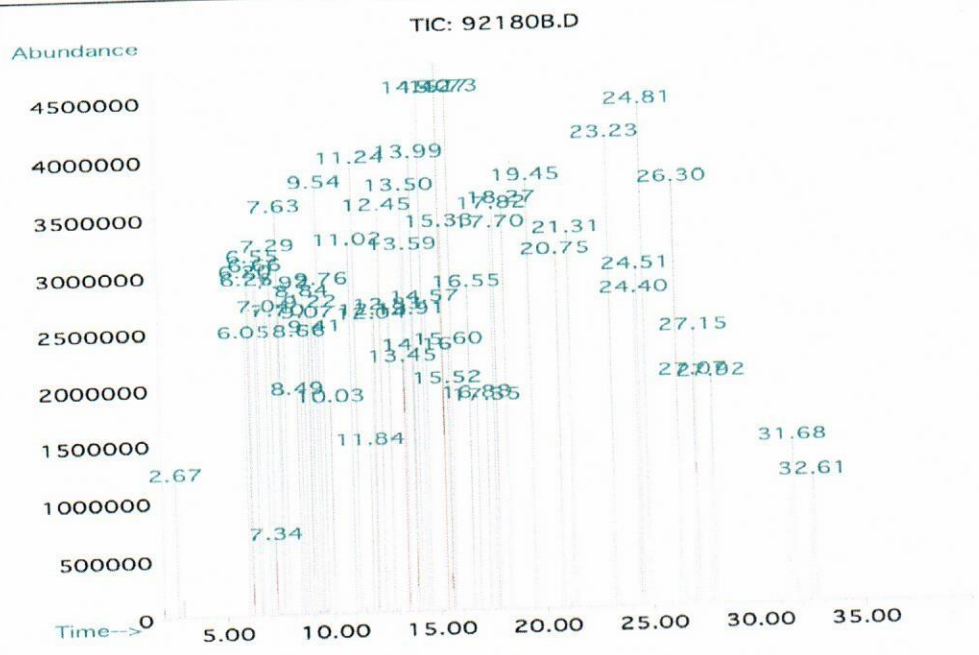
Weight(s) shown below were combined and diluted to (mL): 100.0 | 5E-05 Balance Uncertainty | 0.003 Flask Uncertainty

Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc (ug/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)	LD50
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	orl-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	orl-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	N/A	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)	orl-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	orl-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	85-68-7	N/A	orl-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	84-66-2	5mg/m3/8H	orl-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	orl-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	orl-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	orl-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	orl-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	N/A	orl-rat 480mg/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	orl-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	orl-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)	orl-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	20005.4	1000	NA	NA	0.017	NA	NA	1000.2	8.0	106-46-7	75 ppm (450mg/m3/8H)	orl-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)	orl-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)	orl-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)	orl-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)	orl-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)	orl-gpg 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	orl-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/m3/8H)(skin)	orl-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)	orl-rat 756mg/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)	orl-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)	orl-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	N/A	orl-rat 820mg/kg
31. 4-Chloroaniline	10115	060512	0.05	5.00	20009.6	1000	NA	NA	0.017	NA	NA	1000.4	8.0	106-47-8	N/A	orl-rat 310mg/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	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	orl-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	orl-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	orl-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 (6mg/m3/8H)(skin)	orl-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	N/A	orl-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	N/A	orl-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	orl-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	orl-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	orl-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	orl-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	orl-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)	orl-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 (19mg/m3/8H)(skin)	orl-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	N/A	orl-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	N/A	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	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/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	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/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	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	191-24-2	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/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	N/A	orl-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	N/A	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	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/m3/8H)	orl-rat 490mg/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	orl-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/m3/8H	orl-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 (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

ID #: 14546
Opened:
CLP Semi-volatile calibration standard
Expires: 9/15/2026
Rec'd: 11/23/2021
Energy 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	n-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-Ehtylhexyl)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

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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
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	Nitrobenzene-d5 **CAS #** 4165-60-0 **Purity** 99% (Lot PR-29940A)	5,027.3 µg/mL	+/- 29.2293 µg/mL +/- 226.4341 µg/mL +/- 251.2566 µg/mL	Gravimetric Unstressed Stressed
2	2-Fluorobiphenyl **CAS #** 321-60-8 **Purity** 99% (Lot 00019169)	5,001.1 µg/mL	+/- 29.0767 µg/mL +/- 225.2518 µg/mL +/- 249.9447 µg/mL	Gravimetric Unstressed Stressed
3	p-Terphenyl-d14 **CAS #** 1718-51-0 **Purity** 99% (Lot PR-30504)	5,001.4 µg/mL	+/- 29.0787 µg/mL +/- 225.2668 µg/mL +/- 249.9613 µg/mL	Gravimetric Unstressed 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)

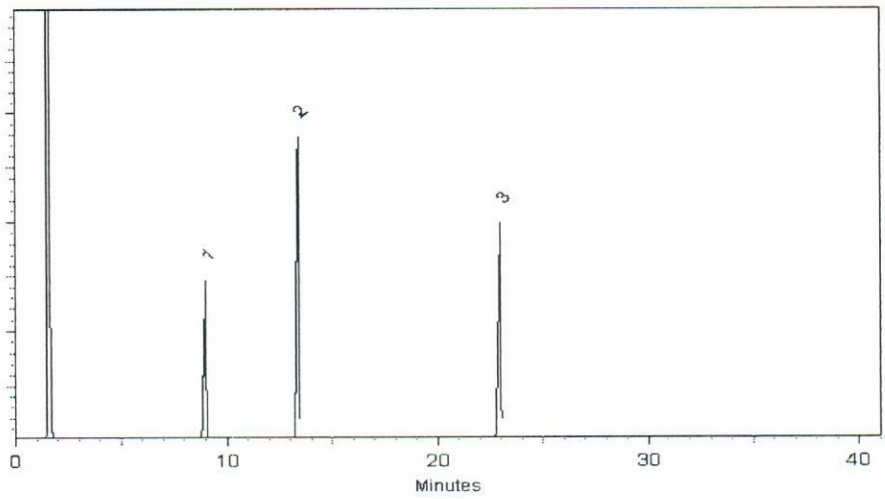
Carrier Gas:
hydrogen-constant pressure 10 psi.

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 - Operations Tech I

Date Mixed: 25-Aug-2021 **Balance:** B345965662

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:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

  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 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.
- 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.

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CERTIFICATE OF ANALYSIS

Catalog No: CLP-AS-10X
Description: Acid Surrogate
Lot: 220031065
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Mar 6, 2020
Expiration: Mar 6, 2023
Sample Size: 1 mL
Components: 3
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (mg/mL)	Certified Analyte Concentration[1] (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.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] 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.

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

For use in routine laboratory analysis.

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	13510	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	13510	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	13510	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	13510	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)	10707	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	11383		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 prepaired 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	11547	1	mL	5/28/2023

Stock Source	Base Units	Amount Added

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	12503	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	12512		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	12839	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 1mlL

Type: Primary
Prep By: John P. Heine
Status: New
Final Volume: 6 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL PAH Mix	12846	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	13372	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)	13328	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)	13691		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)	13666		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	13854	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. Benge
Status: Open
Final Volume: 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
CLP Semivolatile Calibration Standard	14074	1	mL	2/2/2026

Stock Source	Base Units	Amount Added

Analytical RunID SV5975.I_220207A Standards Traceability Report

Spike ID: sv83514
Spike Name: Additionals
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. Benge
Status: Open
Final Volume: 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Custom Semi-Volatile Standard	14279	1	mL	10/1/2022

Stock Source	Base Units	Amount Added

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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	Gravimetric
	CAS # 367-12-4	(Lot STBD7945V)		+/- 293.2702	µg/mL	Unstressed
	Purity 99%			+/- 355.8400	µg/mL	Stressed
2	Phenol-d6		10,023.6 µg/mL	+/- 58.6904	µg/mL	Gravimetric
	CAS # 13127-88-3	(Lot PR-27801)		+/- 292.6047	µg/mL	Unstressed
	Purity 99%			+/- 355.0324	µg/mL	Stressed
3	2,4,6-Tribromophenol		10,057.2 µg/mL	+/- 58.8871	µg/mL	Gravimetric
	CAS # 118-79-6	(Lot 29699MJV)		+/- 293.5855	µg/mL	Unstressed
	Purity 99%			+/- 356.2225	µg/mL	Stressed

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

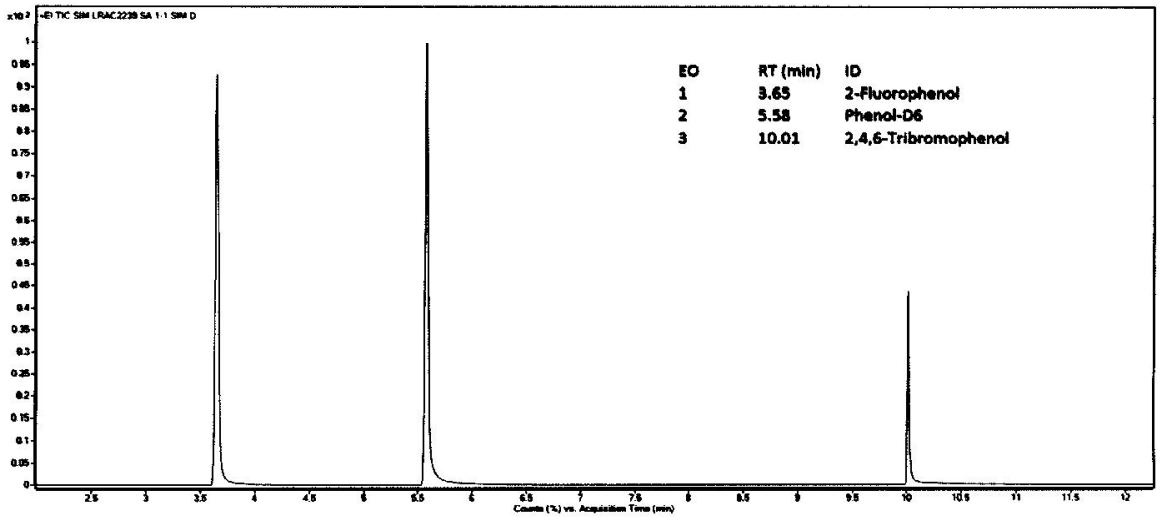
Certified Reference Material

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* [1,4]	*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

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ANAB ACCREDITED TESTING LABORATORY

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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*

Signal Word: Warning

Date Certified: Apr 28, 2021
Expiration: May 28, 2023
Sample Size: 1 mL
Components: 6
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (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
Energy 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.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] 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.

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

For use in routine laboratory analysis.

Certificate of Analysis

TCL BASE-NEUTRALS MIX,1X1ML,2000UG/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 [1,4]	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@millipore sigma.com www.sigma-aldrich.com

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www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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 **CAS #** 108-95-2 (Lot SHBF9719V) **Purity** 99%	2,004.0 µg/mL	+/- 11.9032 µg/mL +/- 58.5341 µg/mL +/- 71.0092 µg/mL	Gravimetric Unstressed Stressed
2	2-Chlorophenol **CAS #** 95-57-8 (Lot STBH7290) **Purity** 99%	2,000.0 µg/mL	+/- 11.8794 µg/mL +/- 58.4173 µg/mL +/- 70.8674 µg/mL	Gravimetric Unstressed Stressed
3	2-Nitrophenol **CAS #** 88-75-5 (Lot BCBH7602V) **Purity** 99%	2,000.0 µg/mL	+/- 11.8794 µg/mL +/- 58.4173 µg/mL +/- 70.8674 µg/mL	Gravimetric Unstressed Stressed
4	2,4-Dimethylphenol **CAS #** 105-67-9 (Lot 10165155) **Purity** 99%	2,000.0 µg/mL	+/- 11.8794 µg/mL +/- 58.4173 µg/mL +/- 70.8674 µg/mL	Gravimetric Unstressed Stressed
5	2,4-Dichlorophenol **CAS #** 120-83-2 (Lot BCBJ8113V) **Purity** 99%	2,004.0 µg/mL	+/- 11.9032 µg/mL +/- 58.5341 µg/mL +/- 71.0092 µg/mL	Gravimetric Unstressed Stressed
6	4-Chloro-3-methylphenol **CAS #** 59-50-7 (Lot STBC7309V) **Purity** 99%	2,004.0 µg/mL	+/- 11.9032 µg/mL +/- 58.5341 µg/mL +/- 71.0092 µg/mL	Gravimetric Unstressed Stressed
7	2,4,6-Trichlorophenol **CAS #** 88-06-2 (Lot STBH7520) **Purity** 99%	2,002.0 µg/mL	+/- 11.8913 µg/mL +/- 58.4757 µg/mL +/- 70.9383 µg/mL	Gravimetric Unstressed Stressed

125 Market Street
New Haven, CT 06513
USA

AccuStandard®

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Fax (203)786-5287
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CERTIFICATE OF ANALYSIS

Catalog No: Z-014F
Description: Benzidine & 3,3'-Dichlorobenzidine
Lot: 220041353
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: May 1, 2020
Expiration: May 1, 2024
Sample Size: 1 mL
Components: 2
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration² (µg/mL)	Certified Analyte Concentration¹ (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 degredation

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.

² All weights are traceable through NIST, Test No. 684/289871-17

¹ 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.

Certified By: _____
Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

AccuStandard is accredited to ISO 17034, ISO/IEC 17025 and certified to ISO 9001:2015

QR-ORG/INO-001
Rev. 5/18

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New Haven, CT 06513
USA

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Fax (203)786-5287
www.AccuStandard.com

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

T-TEST

AccuStandard, Inc.
Statistical Report for CLP (SOW 1991)
1-May-2020

QR-QCO-003 rev. 1/16

Peak #	Component	Z-014F 220041353 Run #1	Run #2	Run #3	Run #4	Mean	Std Dev	% RSD	Z-014F 220031213 Run #1	Run #2	Run #3	Run #4	Mean	Std Dev	% RSD	NOTES: L-025 test	CI 220041353 Component	CI	# 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	20.7	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%	0.55	20.9	15.8	4	2000 1 %

For use in routine laboratory analysis.

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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
```

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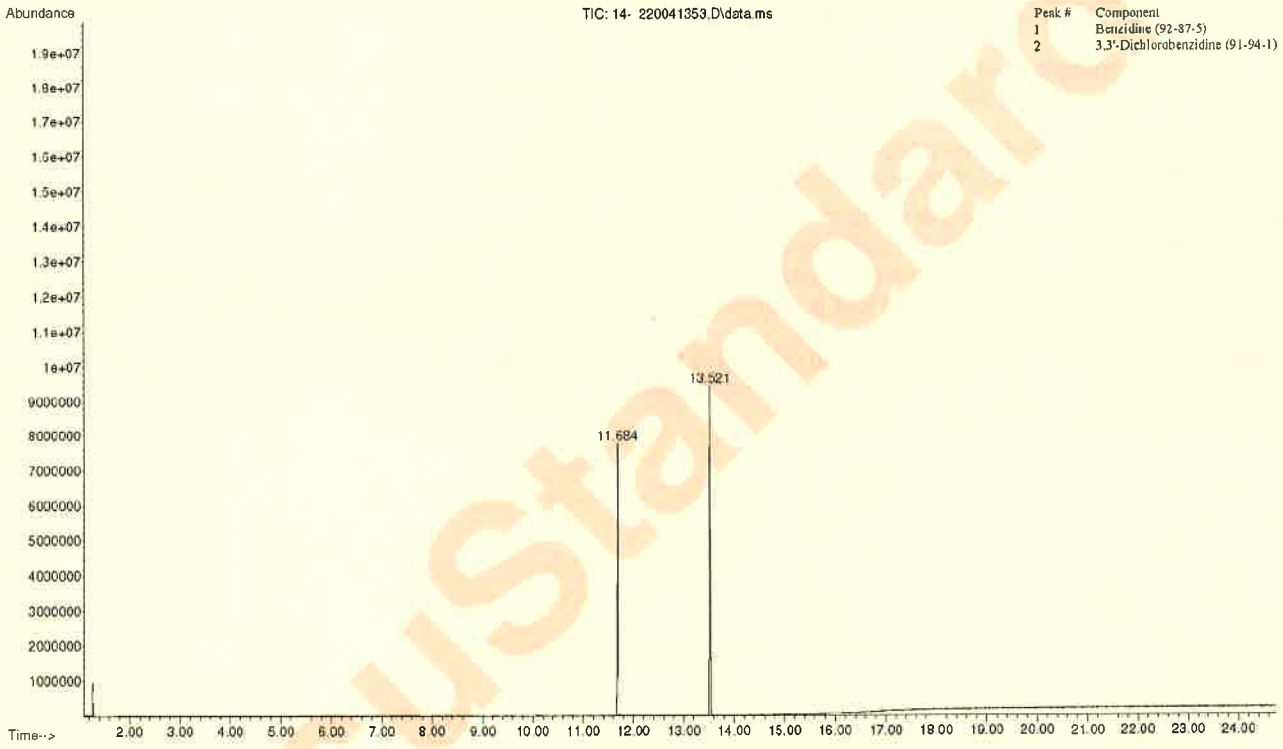
Leader in Analytical Reference Standards

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



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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%

For use in routine laboratory analysis.

Certificate of Analysis

TCL PAH
MIX,1X1ML,2000UG/ML,BENZENE:DICHLOROMETHANE

Certified Reference Material

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* [1,4]	*Units*	*Raw Material Purity,%*	*Analytical Value* [6]	*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,H,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
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

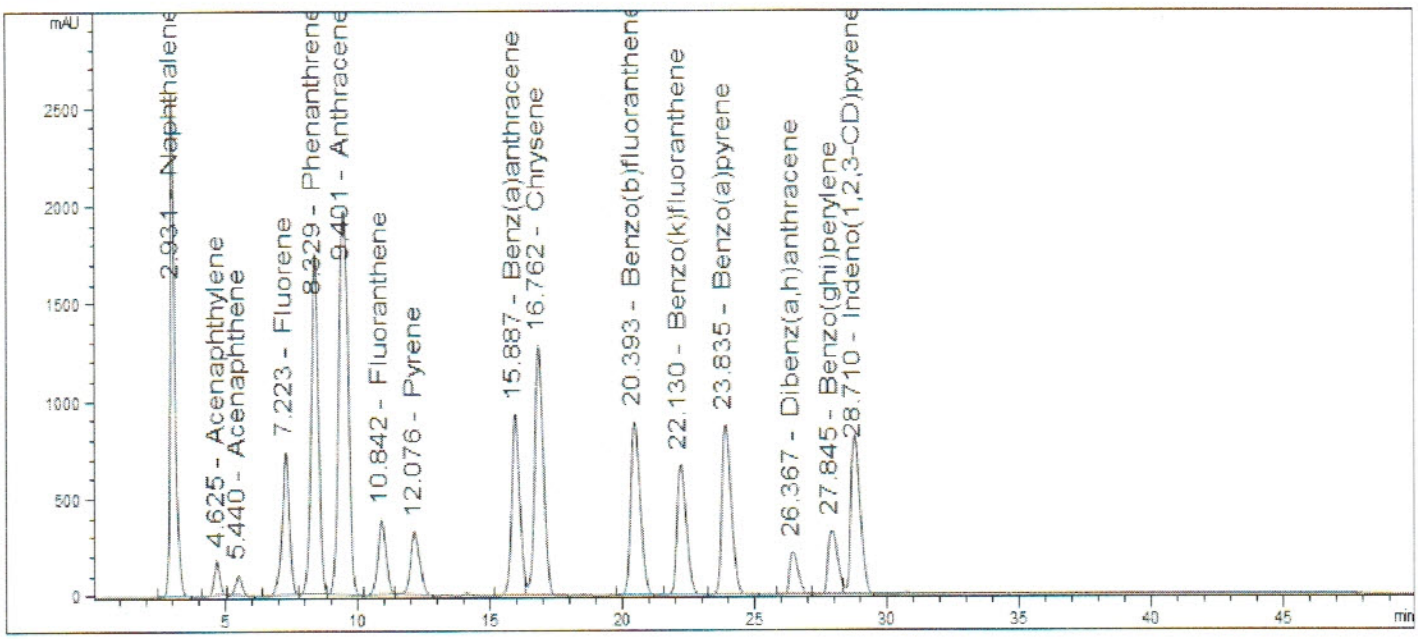
ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY

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

TCL PAH
MIX,1X1ML,2000UG/ML,BENZENE:DICHLOROMETHANE

Certified Reference Material

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 preformed 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

ANAB ACCREDITED ISO 17034:2016 REFERENCE MATERIAL PRODUCER

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY

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Fax: (814)353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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
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	Nitrobenzene-d5 **CAS #** 4165-60-0 (Lot PR-29940B) **Purity** 99%	5,017.7 µg/mL	+/- 29.1731 µg/mL +/- 225.9987 µg/mL +/- 250.7735 µg/mL	Gravimetric Unstressed Stressed
2	2-Fluorobiphenyl **CAS #** 321-60-8 (Lot 00019169) **Purity** 99%	5,049.7 µg/mL	+/- 29.3592 µg/mL +/- 227.4400 µg/mL +/- 252.3728 µg/mL	Gravimetric Unstressed Stressed
3	p-Terphenyl-d14 **CAS #** 1718-51-0 (Lot PR-27278) **Purity** 99%	5,029.9 µg/mL	+/- 29.2444 µg/mL +/- 226.5505 µg/mL +/- 251.3857 µg/mL	Gravimetric Unstressed 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)

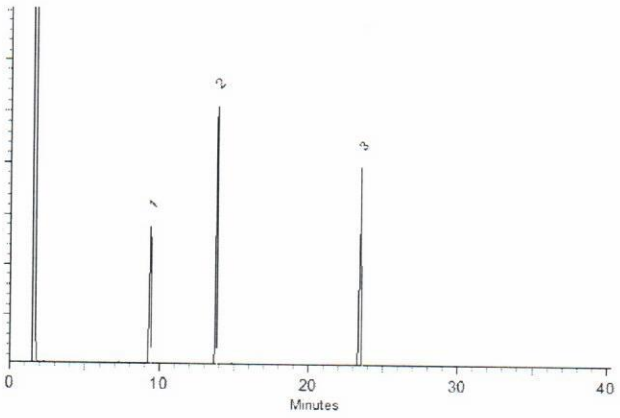
Carrier Gas:
hydrogen-constant pressure 10 psi.

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:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

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 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.
- 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 • 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 laboratoy 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	Value
CONCENTRATION (GC/FID)	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

PJLA Reference Material Producer
PJLA Testing

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 • www.chemservice.com

Gas

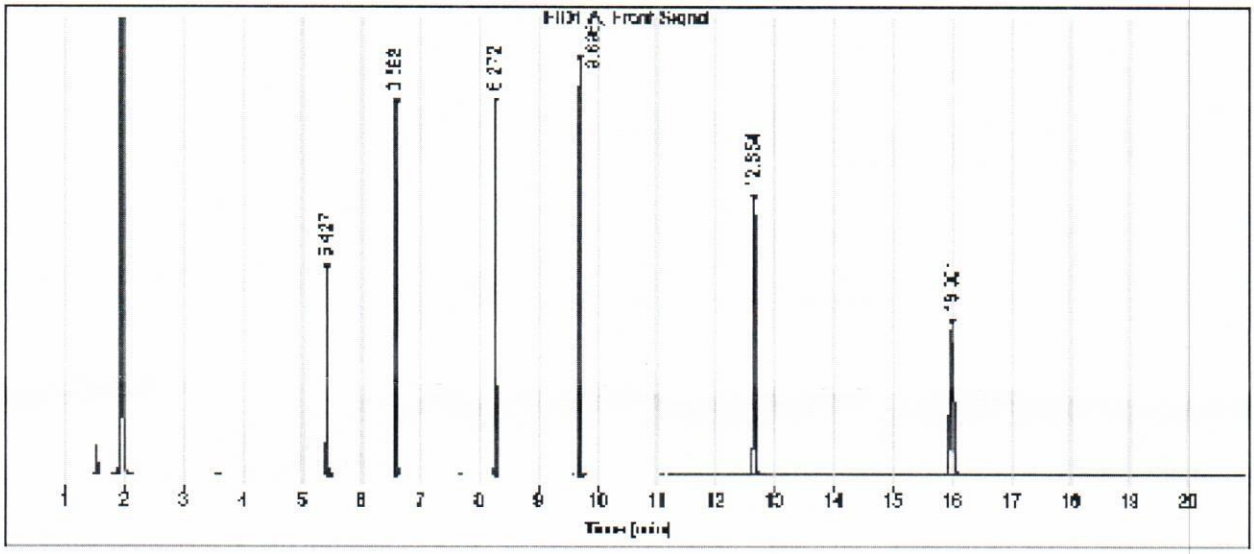
Data file: C:\CHEM32

Sample name: M-PPCH8X

CERTIFICATE OF ANALYSIS

Instrument: GC 2
Injection date: 5/13/2020 8:56:25 AM
Acq. method: M-PPHC8X12.M
Column name: HP-5

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	1868.8049	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		

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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 +/- 225.8621 µg/mL +/- 250.6163 µg/mL	Gravimetric Unstressed Stressed
2	2-Fluorobiphenyl **CAS #** 321-60-8 **Purity** 99%	(Lot 00019169)	5,019.6 µg/mL	+/- 29.3911 µg/mL +/- 226.1143 µg/mL +/- 250.8962 µg/mL	Gravimetric Unstressed Stressed
3	p-Terphenyl-d14 **CAS #** 1718-51-0 **Purity** 99%	(Lot PR-27278)	5,020.6 µg/mL	+/- 29.3967 µg/mL +/- 226.1576 µg/mL +/- 250.9442 µg/mL	Gravimetric Unstressed 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
Energy 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)

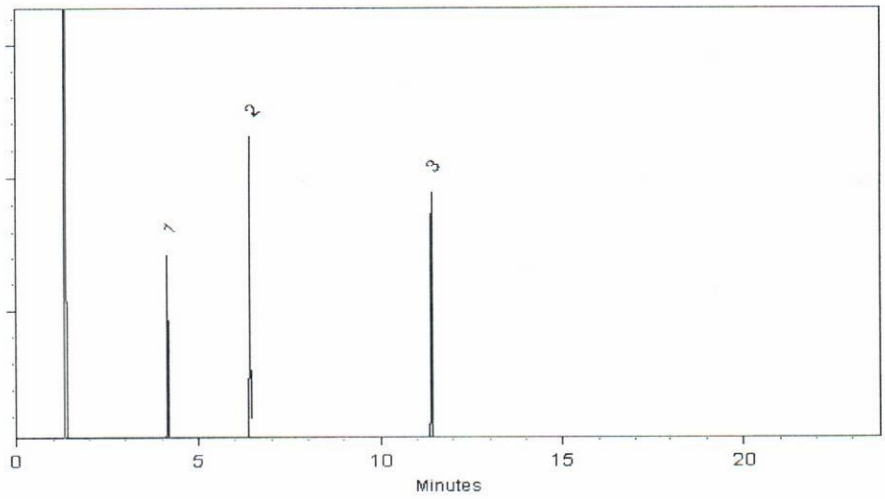
Carrier Gas:
hydrogen-constant pressure 10 psi.

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 McGinnl - 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:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

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 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
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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.
- 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.

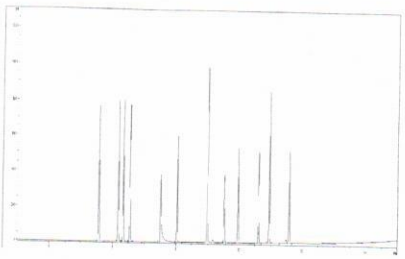
Supelco®

www.sigmaaldrich.com

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 for the most current version.)*



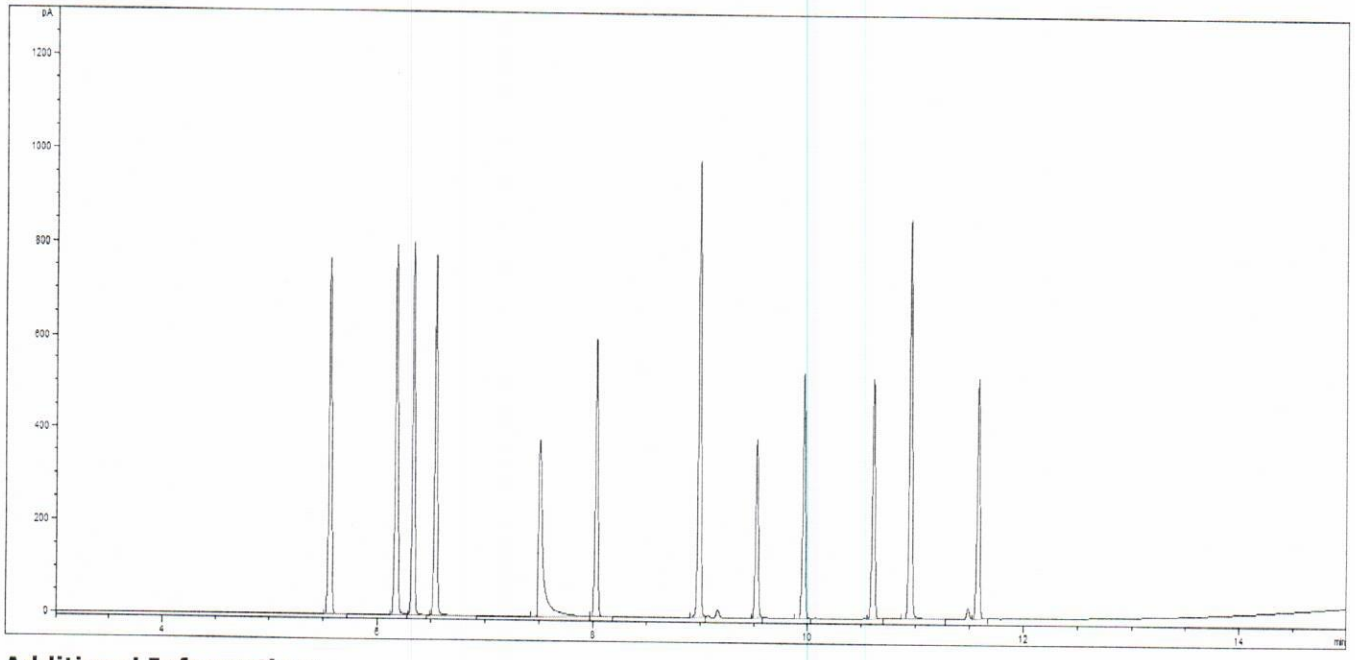
Certified Values:

Analyte	*Certified Value*	*Units*	*Raw Material Purity,%*	*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
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Sigma-Aldrich RTC, 2931 Soldier Springs Rd. Laramie, WY 82070, USA;
Tel. 1 307-742-5452; Fax 1 307-855-831-9211; www.sigmaaldrich.com
Sigma-Aldrich RTC is a subsidiary of Merck KGaA, Darmstadt, Germany.

Informational Values:



Additional Information:

Analytical Method Parameters:
Column: SPB-5, 30 m × 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

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER

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

$$u_{CRM} = \sqrt{u_{char}^2 + u_{\text{hom ogeneity}}^2 + u_{stability}^2}$$

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

Agilent

ID #: 13854
Opened:
Benzidines Standard
Expires: 4/30/2023
Rec'd: 5/14/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

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/NCSL 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 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

ANAB ACCREDITED ISO17034 REFERENCE MATERIAL PRODUCER
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/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
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: 020226
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 23060

Solvent: Methylene chloride **Lot#** 104929

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.003 Flask Uncertainty

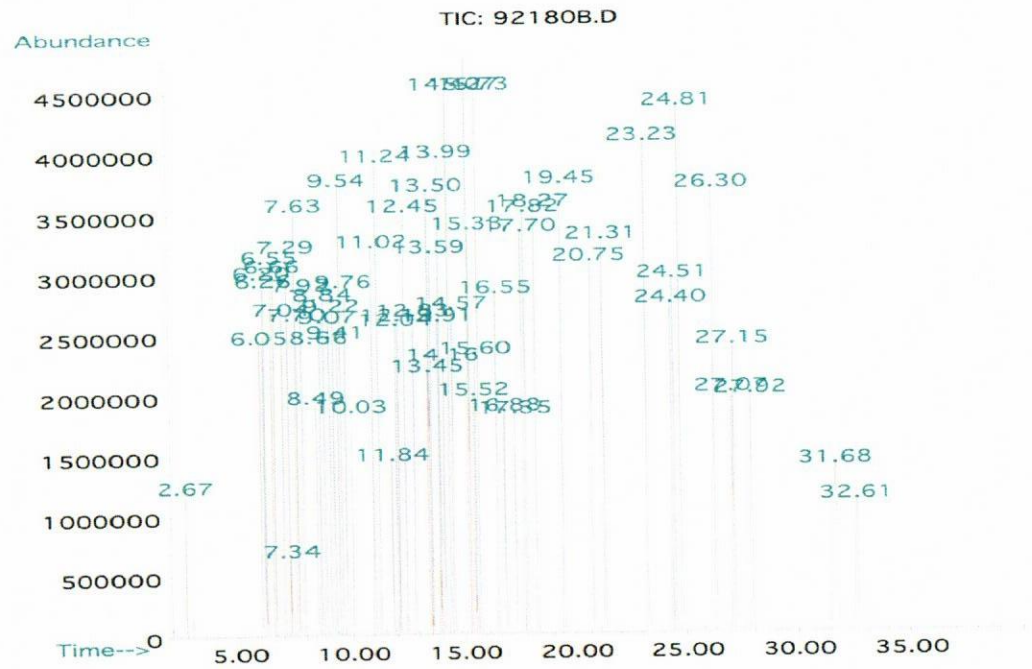
Formulated By:	Eli Aliaga	020221 DATE
Reviewed By:	Pedro L. Rientas	020221 DATE

Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/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)	LD50
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	N/A	orl-rat 240mg/kg
2. Hexachlorobenzene	(0195)	051697	NA	NA	NA	1000	99	0.2	NA	0.10102	0.10121	1001.9	4.2	118-74-1	N/A	orl-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	N/A	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)	orl-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	orl-rat 30600mg/kg
6. 4-Bromophenyl phenyl ether	10111	011214	0.05	5.00	20008.8	1000	NA	NA	0.017	NA	NA	1000.5	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	85-68-7	N/A	orl-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	84-66-2	5mg/m3/8H	orl-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	orl-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	orl-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	orl-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	orl-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	N/A	orl-rat 480mg/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	orl-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	orl-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)	orl-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	20005.4	1000	NA	NA	0.017	NA	NA	1000.2	8.0	106-46-7	75 ppm (450mg/m3/8H)	orl-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)	orl-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)	orl-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)	orl-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)	orl-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)	orl-gpg 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	orl-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/m3/8H)(skin)	orl-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)	orl-rat 756mg/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)	orl-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)	orl-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	N/A	orl-rat 820mg/kg
31. 4-Chloroaniline	10115	060512	0.05	5.00	20009.6	1000	NA	NA	0.017	NA	NA	1000.4	8.0	106-47-8	N/A	orl-rat 310mg/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	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	orl-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	orl-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	orl-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 (6mg/m3/8H)(skin)	orl-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	N/A	orl-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	N/A	orl-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	orl-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	orl-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	orl-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	orl-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	orl-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)	orl-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 (19mg/m3/8H)(skin)	orl-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	N/A	orl-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	N/A	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	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/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	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/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	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	191-24-2	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	1000.5	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	1000.5	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	N/A	orl-rat 2000mg/kg
60. Fluorene	10007	042420	0.50	50.00	2000.9	1000	NA	NA	0.018	NA	NA	1000.5	4.2	86-73-7	N/A	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	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/m3/8H)	orl-rat 490mg/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	orl-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/m3/8H	orl-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 +/- 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

ID #: 14074
Opened:
CLP Semivolatile Calibration Standard
Expires: 2/2/2026
Rec'd: 7/16/2021
Energy 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.



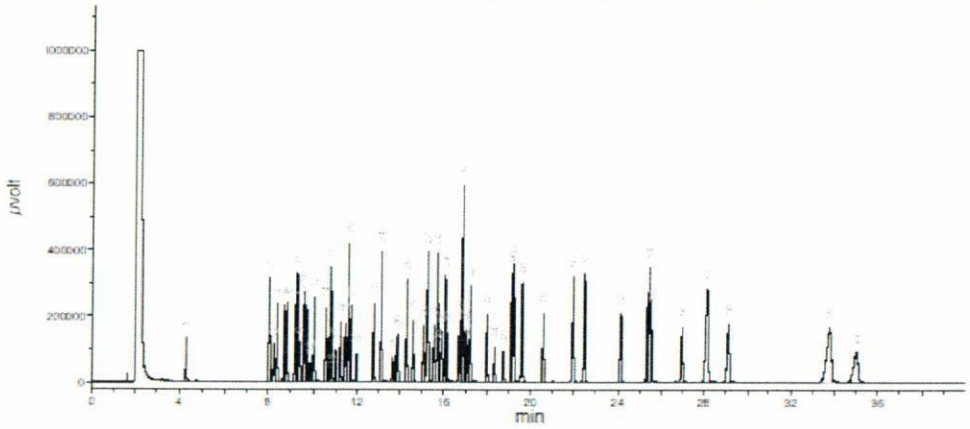
Peak No	Name	MSD RT (min.)
1	N-nitrosodimethylamine	2.67
2	Phenol	6.05
3	bis(2-Chloroethyl)ether	6.20
4	2-Chlorophenol	6.26
5	1,3-Dichlorobenzene	6.55
6	1,4-Dichlorobenzene	6.63
7	1,2-Dichlorobenzene	7.04
8	o-Cresol (2-methylphenol)	7.29
9	bis(2-Chloroisopropyl)ether	7.34
10	p-Cresol (4-methylphenol)/N-nitrosodi-n-propylamine	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-Ehtylhexyl)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#60052-01A 30 meter x 0.53mm x 1.5um 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 mLOven 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 uL, Range =3



Peak No	Name	FID RT (min.)
1	N-nitrosodimethylamine	4.30
2	Phenol	8.05
3	bis(2-Chloroethyl)ether	8.25
4	2-Chlorophenol	8.40
5	1,3-Dichlorobenzene	8.71
6	1,4-Dichlorobenzene	8.80
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-nitrosodi-n-propylamine	9.55
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-Dinitroltoluene	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-Ehtylhexyl)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

125 Market Street
New Haven, CT 06513
USA

AccuStandard®

Tel (203)786-5290
Fax (203)786-5287
www.AccuStandard.com

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*

Signal Word: Warning

Date Certified: Aug 31, 2021
Expiration: Oct 1, 2022
Sample Size: 1 mL
Components: 10
Storage Condition: Freeze (<-10 °C)/Sonicate

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463

ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration² (µg/mL)	Certified Analyte Concentration¹ (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 #: 14279
Opened:
Custom Semi-Volatile Standard
Expires: 10/1/2022
Rec'd: 9/16/2021
Energy 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.

² All weights are traceable through NIST, Test No. 684/289871-17

¹ 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.

 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

Page 1 of 1

For use in routine laboratory analysis.