ANALYTICAL REPORT

Job Number: 580-111087-1

Job Description: Red Hill NOI GW

For:
AECOM
1001 Bishop Street
Honolulu, HI 96813

Attention: Alethea Ramos

Approved for release.
Elaine M Walker
Project Manager II
3/22/2022 5:03 PM

Elaine M Walker, Project Manager II
5755 8th Street East, Tacoma, WA, 98424
(253)248-4972
m.elaine.walker@eurofinset.com
03/22/2022

The data in the report relate to the field sample(s) as received by the laboratory and associated QC. All results have been reviewed and have been found to be compliant with laboratory and accreditation requirements, with the exception of the noted deviation(s). For questions, please contact the Project Manager.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Eurofins Seattle
5755 8th Street East, Tacoma, WA 98424
Tel (253) 922-2310 www.EurofinsUS.com

Table of Contents

Table of Contents

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
M	Manual integrated compound.
Q	One or more quality control criteria failed.
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

CASE NARRATIVE
Client: AECOM
Project: Red Hill NOI GW
Report Number: 580-111087-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

Following DoD QSM guidelines, manual integrations were performed only when necessary and are in compliance with the laboratory's standard operating procedure, Acceptable Manual Integration Practices, SOP No.: Q-S-002. The reason(s) for manual integration have been documented on the affected chromatogram(s), which is/are provided in the raw data package. The raw data also includes the original chromatogram(s) prior to any manual integration being performed. Manual integrations are detailed in the manual integration summary forms following this narrative.

It should be noted that samples with elevated Limits of Quantitation (LOQs) resulting from a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the LOQs are an unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes within the calibration range of the instrument or that reduces the interferences thereby enabling the quantification of target analytes.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 03/07/2022; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was -0.2 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples ERH2672 (RHMW10) (580-111087-1) and ERH2670 (RHMW19) (580-111087-2) were analyzed for semivolatile organic compounds (GC-MS) in accordance with 8270E. The samples were prepared on 03/11/2022 and analyzed on 03/14/2022.

The continuing calibration verification (CCV) associated with batch 580-383728 recovered above the upper control limit for Bis(2-ethylhexyl) phthalate and Butyl benzyl phthalate. The samples that contained the affected analytes were reanalyzed. The associated samples are impacted: ERH2672 (RHMW10) (580-111087-1), ERH2670 (RHMW19) (580-111087-2) and (CCVIS 580-383728/3).

Diethyl phthalate was detected in method blank MB 580-383558/1-A at a level that was above the detection limit but below ½ the limit of quantitation (LOQ). The value should be considered an estimate, and has been flagged.

The laboratory control sample (LCS) for preparation batch 580-383558 and analytical batch 580-383728 recovered outside control limits for the following analyte: 4-Nitrophenol. The LCSD was within the control limits. 4-Nitrophenol has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for this analyte. These results have been reported and qualified.

The laboratory control sample duplicate (LCSD) for preparation batch 580-383558 and analytical batch 580-383728 recovered outside control limits for the following analyte: Pyridine. The LCS was within the control limits. Pyridine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for this analyte. These results have been reported and qualified.

The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 580-383728 was outside criteria for the following analyte: N-Nitrosodi-n-propylamine. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte is considered estimated.

The following analytes have been identified in the reference method and/or via historical data to be poor and/or erratic performers: 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol. (CCVC 580-383728/20)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

SIM PAHs (GC-MS)

Samples ERH2672 (RHMW10) (580-111087-1) and ERH2670 (RHMW19) (580-111087-2) were analyzed for PAHS in accordance with 8270E SIM. The samples were prepared on 03/11/2022 and analyzed on 03/14/2022.

Phenanthrene was detected in method blank MB 580-383558/1-A at a level that was above the detection limit but below ½ the limit of quantitation (LOQ). The value should be considered an estimate, and has been flagged.

(DFTPP 580-383722/2) presents tailing factor outside the threshold for (Pentachlorophenol and Benzidine). For selective ion monitoring, tailing factor is not defined in the parent method and is not listed as a tune criteria under Appendix B-22 of the DoD QSM; therefore, the data is reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: AECOM
Job ID: 580-111087-1
Project/Site: Red Hill NOI GW

Client Sample ID: ERH2672 (RHMW10) — Lab Sample ID: 580-111087-1

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	0.24	J	1.0	0.15	ug/L	1		8270E	Total/NA
Di-n-butyl phthalate	0.51	J	3.0	0.19	ug/L	1		8270E	Total/NA
Bis(2-ethylhexyl) phthalate - RA	3.4		3.0	0.75	ug/L	1		8270E	Total/NA

Client Sample ID: ERH2670 (RHMW19) — Lab Sample ID: 580-111087-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: ERH2672 (RHMW10)
Lab Sample ID: 580-111087-1

Date Collected: 03/04/22 11:30
Matrix: Water

Date Received: 03/07/22 11:28

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.032	U M	0.10	0.019	ug/L		03/11/22 09:25	03/14/22 21:46	1
2-Methylnaphthalene	0.081	U	0.20	0.040	ug/L		03/11/22 09:25	03/14/22 21:46	1
Acenaphthene	0.032	U	0.10	0.014	ug/L		03/11/22 09:25	03/14/22 21:46	1
Acenaphthylene	0.032	U M	0.051	0.0091	ug/L		03/11/22 09:25	03/14/22 21:46	1
Anthracene	0.081	U	0.10	0.022	ug/L		03/11/22 09:25	03/14/22 21:46	1
Benzo[a]anthracene	0.032	U M	0.051	0.014	ug/L		03/11/22 09:25	03/14/22 21:46	1
Benzo[a]pyrene	0.032	U	0.10	0.011	ug/L		03/11/22 09:25	03/14/22 21:46	1
Benzo[b]fluoranthene	0.032	U	0.051	0.011	ug/L		03/11/22 09:25	03/14/22 21:46	1
Benzo[g,h,i]perylene	0.032	U	0.051	0.012	ug/L		03/11/22 09:25	03/14/22 21:46	1
Benzo[k]fluoranthene	0.032	U M	0.051	0.012	ug/L		03/11/22 09:25	03/14/22 21:46	1
Chrysene	0.032	U M	0.10	0.016	ug/L		03/11/22 09:25	03/14/22 21:46	1
Dibenz(a,h)anthracene	0.032	U	0.10	0.026	ug/L		03/11/22 09:25	03/14/22 21:46	1
Fluoranthene	0.032	U	0.20	0.018	ug/L		03/11/22 09:25	03/14/22 21:46	1
Fluorene	0.032	U M	0.10	0.017	ug/L		03/11/22 09:25	03/14/22 21:46	1
Indeno[1,2,3-cd]pyrene	0.032	U	0.051	0.014	ug/L		03/11/22 09:25	03/14/22 21:46	1
Naphthalene	0.081	U M	0.10	0.031	ug/L		03/11/22 09:25	03/14/22 21:46	1
Phenanthrene	0.081	U M	0.10	0.031	ug/L		03/11/22 09:25	03/14/22 21:46	1
Pyrene	0.081	U	0.10	0.033	ug/L		03/11/22 09:25	03/14/22 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-methylnaphthalene-d10	*65*		*40 - 140*	*03/11/22 09:25*	*03/14/22 21:46*	*1*
Fluoranthene-d10 (Surr)	*76*		*40 - 140*	*03/11/22 09:25*	*03/14/22 21:46*	*1*
Terphenyl-d14	*84*		*58 - 132*	*03/11/22 09:25*	*03/14/22 21:46*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.30	U	0.41	0.091	ug/L		03/11/22 09:25	03/14/22 16:42	1
1,2-Dichlorobenzene	0.15	U	0.41	0.051	ug/L		03/11/22 09:25	03/14/22 16:42	1
1,3-Dichlorobenzene	0.091	U	0.41	0.041	ug/L		03/11/22 09:25	03/14/22 16:42	1
1,4-Dichlorobenzene	0.091	U	0.41	0.041	ug/L		03/11/22 09:25	03/14/22 16:42	1
2,4,5-Trichlorophenol	0.30	U	0.41	0.10	ug/L		03/11/22 09:25	03/14/22 16:42	1
2,4,6-Trichlorophenol	0.30	U	0.61	0.10	ug/L		03/11/22 09:25	03/14/22 16:42	1
2,4-Dichlorophenol	0.51	U	1.0	0.20	ug/L		03/11/22 09:25	03/14/22 16:42	1
2,4-Dimethylphenol	0.51	U	4.1	0.16	ug/L		03/11/22 09:25	03/14/22 16:42	1
2,4-Dinitrotoluene	0.30	U M	1.0	0.10	ug/L		03/11/22 09:25	03/14/22 16:42	1
2,6-Dinitrotoluene	0.30	U M	0.41	0.10	ug/L		03/11/22 09:25	03/14/22 16:42	1
2-Chloronaphthalene	0.15	U	1.0	0.071	ug/L		03/11/22 09:25	03/14/22 16:42	1
2-Chlorophenol	0.15	U	1.0	0.051	ug/L		03/11/22 09:25	03/14/22 16:42	1
2-Nitrophenol	0.15	U M	1.0	0.071	ug/L		03/11/22 09:25	03/14/22 16:42	1
3,3'-Dichlorobenzidine	0.61	U M	1.0	0.26	ug/L		03/11/22 09:25	03/14/22 16:42	1
4-Bromophenyl phenyl ether	0.15	U	0.61	0.061	ug/L		03/11/22 09:25	03/14/22 16:42	1
4-Chloro-3-methylphenol	0.30	U	0.61	0.13	ug/L		03/11/22 09:25	03/14/22 16:42	1
4-Chlorophenyl phenyl ether	0.15	U	0.61	0.051	ug/L		03/11/22 09:25	03/14/22 16:42	1
Azobenzene	0.15	U M	2.0	0.061	ug/L		03/11/22 09:25	03/14/22 16:42	1
Bis(2-chloroethoxy)methane	0.15	U M	0.61	0.051	ug/L		03/11/22 09:25	03/14/22 16:42	1
Bis(2-chloroethyl)ether	0.091	U M	0.10	0.030	ug/L		03/11/22 09:25	03/14/22 16:42	1
bis (2-chloroisopropyl) ether	0.15	U M	0.25	0.061	ug/L		03/11/22 09:25	03/14/22 16:42	1
Butyl benzyl phthalate	0.61	U Q	4.1	0.27	ug/L		03/11/22 09:25	03/14/22 16:42	1
Diethyl phthalate	**0.24**	**J**	1.0	0.15	ug/L		03/11/22 09:25	03/14/22 16:42	1
Dimethyl phthalate	0.15	U	0.61	0.061	ug/L		03/11/22 09:25	03/14/22 16:42	1

Client Sample ID: ERH2672 (RHMW10)
Lab Sample ID: 580-111087-1
Date Collected: 03/04/22 11:30
Matrix: Water
Date Received: 03/07/22 11:28

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	**0.51**	**J**	3.0	0.19	ug/L		03/11/22 09:25	03/14/22 16:42	1
Di-n-octyl phthalate	0.30	U M	1.0	0.13	ug/L		03/11/22 09:25	03/14/22 16:42	1
Hexachlorobenzene	0.091	U	0.61	0.041	ug/L		03/11/22 09:25	03/14/22 16:42	1
Hexachlorobutadiene	0.15	U	1.0	0.061	ug/L		03/11/22 09:25	03/14/22 16:42	1
Hexachlorocyclopentadiene	0.30	U	1.0	0.14	ug/L		03/11/22 09:25	03/14/22 16:42	1
Hexachloroethane	0.15	U	1.0	0.051	ug/L		03/11/22 09:25	03/14/22 16:42	1
Isophorone	0.30	U	0.41	0.10	ug/L		03/11/22 09:25	03/14/22 16:42	1
m+p-Cresol	0.30	U M	0.61	0.10	ug/L		03/11/22 09:25	03/14/22 16:42	1
Nitrobenzene	0.091	U M	1.0	0.041	ug/L		03/11/22 09:25	03/14/22 16:42	1
N-Nitrosodimethylamine	0.61	U	2.0	0.26	ug/L		03/11/22 09:25	03/14/22 16:42	1
N-Nitrosodi-n-propylamine	0.091	U M	0.41	0.061	ug/L		03/11/22 09:25	03/14/22 16:42	1
N-Nitrosodiphenylamine	0.15	U	1.0	0.071	ug/L		03/11/22 09:25	03/14/22 16:42	1
o-Cresol	0.15	U M	0.61	0.051	ug/L		03/11/22 09:25	03/14/22 16:42	1
Pentachlorophenol	1.0	U	10	0.52	ug/L		03/11/22 09:25	03/14/22 16:42	1
Phenol	0.61	U	1.0	0.37	ug/L		03/11/22 09:25	03/14/22 16:42	1
Pyrene	0.091	U M	1.0	0.041	ug/L		03/11/22 09:25	03/14/22 16:42	1
Pyridine	3.2	U Q	10	1.1	ug/L		03/11/22 09:25	03/14/22 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*43 - 140*	*03/11/22 09:25*	*03/14/22 16:42*	*1*
2-Fluorobiphenyl	*75*		*44 - 119*	*03/11/22 09:25*	*03/14/22 16:42*	*1*
2-Fluorophenol (Surr)	*43*		*19 - 119*	*03/11/22 09:25*	*03/14/22 16:42*	*1*
Nitrobenzene-d5 (Surr)	*72*		*44 - 120*	*03/11/22 09:25*	*03/14/22 16:42*	*1*
Phenol-d5 (Surr)	*29*		*10 - 120*	*03/11/22 09:25*	*03/14/22 16:42*	*1*
Terphenyl-d14	*100*		*50 - 134*	*03/11/22 09:25*	*03/14/22 16:42*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	3.2	U M	5.1	1.6	ug/L		03/11/22 09:25	03/18/22 13:43	1
4,6-Dinitro-2-methylphenol	1.2	U M	2.0	0.56	ug/L		03/11/22 09:25	03/18/22 13:43	1
4-Nitrophenol	6.1	U M	10	1.7	ug/L		03/11/22 09:25	03/18/22 13:43	1
Bis(2-ethylhexyl) phthalate	**3.4**		3.0	0.75	ug/L		03/11/22 09:25	03/18/22 13:43	1

Client Sample ID: ERH2670 (RHMW19)
Lab Sample ID: 580-111087-2
Date Collected: 03/04/22 14:35
Matrix: Water
Date Received: 03/07/22 11:28

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.032	U	0.10	0.019	ug/L		03/11/22 09:25	03/14/22 22:11	1
2-Methylnaphthalene	0.080	U	0.20	0.039	ug/L		03/11/22 09:25	03/14/22 22:11	1
Acenaphthene	0.032	U	0.10	0.014	ug/L		03/11/22 09:25	03/14/22 22:11	1
Acenaphthylene	0.032	U	0.050	0.0091	ug/L		03/11/22 09:25	03/14/22 22:11	1
Anthracene	0.080	U	0.10	0.022	ug/L		03/11/22 09:25	03/14/22 22:11	1
Benzo[a]anthracene	0.032	U	0.050	0.014	ug/L		03/11/22 09:25	03/14/22 22:11	1
Benzo[a]pyrene	0.032	U	0.10	0.011	ug/L		03/11/22 09:25	03/14/22 22:11	1
Benzo[b]fluoranthene	0.032	U M	0.050	0.011	ug/L		03/11/22 09:25	03/14/22 22:11	1
Benzo[g,h,i]perylene	0.032	U	0.050	0.012	ug/L		03/11/22 09:25	03/14/22 22:11	1
Benzo[k]fluoranthene	0.032	U	0.050	0.012	ug/L		03/11/22 09:25	03/14/22 22:11	1
Chrysene	0.032	U	0.10	0.016	ug/L		03/11/22 09:25	03/14/22 22:11	1

Client Sample ID: ERH2670 (RHMW19)
Lab Sample ID: 580-111087-2

Date Collected: 03/04/22 14:35
Matrix: Water

Date Received: 03/07/22 11:28

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.032	U	0.10	0.026	ug/L		03/11/22 09:25	03/14/22 22:11	1
Fluoranthene	0.032	U	0.20	0.018	ug/L		03/11/22 09:25	03/14/22 22:11	1
Fluorene	0.032	U	0.10	0.017	ug/L		03/11/22 09:25	03/14/22 22:11	1
Indeno[1,2,3-cd]pyrene	0.032	U	0.050	0.014	ug/L		03/11/22 09:25	03/14/22 22:11	1
Naphthalene	0.080	U	0.10	0.031	ug/L		03/11/22 09:25	03/14/22 22:11	1
Phenanthrene	0.080	U M	0.10	0.031	ug/L		03/11/22 09:25	03/14/22 22:11	1
Pyrene	0.080	U	0.10	0.033	ug/L		03/11/22 09:25	03/14/22 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-methylnaphthalene-d10	*59*		*40 - 140*	*03/11/22 09:25*	*03/14/22 22:11*	*1*
Fluoranthene-d10 (Surr)	*78*		*40 - 140*	*03/11/22 09:25*	*03/14/22 22:11*	*1*
Terphenyl-d14	*87*		*58 - 132*	*03/11/22 09:25*	*03/14/22 22:11*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.30	U	0.40	0.091	ug/L		03/11/22 09:25	03/14/22 17:05	1
1,2-Dichlorobenzene	0.15	U	0.40	0.050	ug/L		03/11/22 09:25	03/14/22 17:05	1
1,3-Dichlorobenzene	0.091	U	0.40	0.040	ug/L		03/11/22 09:25	03/14/22 17:05	1
1,4-Dichlorobenzene	0.091	U	0.40	0.040	ug/L		03/11/22 09:25	03/14/22 17:05	1
2,4,5-Trichlorophenol	0.30	U	0.40	0.10	ug/L		03/11/22 09:25	03/14/22 17:05	1
2,4,6-Trichlorophenol	0.30	U	0.60	0.10	ug/L		03/11/22 09:25	03/14/22 17:05	1
2,4-Dichlorophenol	0.50	U	1.0	0.20	ug/L		03/11/22 09:25	03/14/22 17:05	1
2,4-Dimethylphenol	0.50	U	4.0	0.16	ug/L		03/11/22 09:25	03/14/22 17:05	1
2,4-Dinitrotoluene	0.30	U	1.0	0.10	ug/L		03/11/22 09:25	03/14/22 17:05	1
2,6-Dinitrotoluene	0.30	U	0.40	0.10	ug/L		03/11/22 09:25	03/14/22 17:05	1
2-Chloronaphthalene	0.15	U	1.0	0.070	ug/L		03/11/22 09:25	03/14/22 17:05	1
2-Chlorophenol	0.15	U	1.0	0.050	ug/L		03/11/22 09:25	03/14/22 17:05	1
2-Nitrophenol	0.15	U	1.0	0.070	ug/L		03/11/22 09:25	03/14/22 17:05	1
3,3'-Dichlorobenzidine	0.60	U	1.0	0.26	ug/L		03/11/22 09:25	03/14/22 17:05	1
4-Bromophenyl phenyl ether	0.15	U	0.60	0.060	ug/L		03/11/22 09:25	03/14/22 17:05	1
4-Chloro-3-methylphenol	0.30	U	0.60	0.13	ug/L		03/11/22 09:25	03/14/22 17:05	1
4-Chlorophenyl phenyl ether	0.15	U	0.60	0.050	ug/L		03/11/22 09:25	03/14/22 17:05	1
Azobenzene	0.15	U M	2.0	0.060	ug/L		03/11/22 09:25	03/14/22 17:05	1
Bis(2-chloroethoxy)methane	0.15	U	0.60	0.050	ug/L		03/11/22 09:25	03/14/22 17:05	1
Bis(2-chloroethyl)ether	0.091	U	0.10	0.030	ug/L		03/11/22 09:25	03/14/22 17:05	1
bis (2-chloroisopropyl) ether	0.15	U	0.25	0.060	ug/L		03/11/22 09:25	03/14/22 17:05	1
Butyl benzyl phthalate	0.60	U Q	4.0	0.27	ug/L		03/11/22 09:25	03/14/22 17:05	1
Diethyl phthalate	0.30	U	1.0	0.15	ug/L		03/11/22 09:25	03/14/22 17:05	1
Dimethyl phthalate	0.15	U	0.60	0.060	ug/L		03/11/22 09:25	03/14/22 17:05	1
Di-n-butyl phthalate	0.50	U	3.0	0.19	ug/L		03/11/22 09:25	03/14/22 17:05	1
Di-n-octyl phthalate	0.30	U M	1.0	0.13	ug/L		03/11/22 09:25	03/14/22 17:05	1
Hexachlorobenzene	0.091	U	0.60	0.040	ug/L		03/11/22 09:25	03/14/22 17:05	1
Hexachlorobutadiene	0.15	U	1.0	0.060	ug/L		03/11/22 09:25	03/14/22 17:05	1
Hexachlorocyclopentadiene	0.30	U	1.0	0.14	ug/L		03/11/22 09:25	03/14/22 17:05	1
Hexachloroethane	0.15	U	1.0	0.050	ug/L		03/11/22 09:25	03/14/22 17:05	1
Isophorone	0.30	U	0.40	0.10	ug/L		03/11/22 09:25	03/14/22 17:05	1
m+p-Cresol	0.30	U	0.60	0.10	ug/L		03/11/22 09:25	03/14/22 17:05	1
Nitrobenzene	0.091	U	1.0	0.040	ug/L		03/11/22 09:25	03/14/22 17:05	1
N-Nitrosodimethylamine	0.60	U	2.0	0.26	ug/L		03/11/22 09:25	03/14/22 17:05	1
N-Nitrosodi-n-propylamine	0.091	U	0.40	0.060	ug/L		03/11/22 09:25	03/14/22 17:05	1

Client Sample ID: ERH2670 (RHMW19)
Date Collected: 03/04/22 14:35
Date Received: 03/07/22 11:28

Lab Sample ID: 580-111087-2
Matrix: Water

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	0.15	U	1.0	0.070	ug/L		03/11/22 09:25	03/14/22 17:05	1
o-Cresol	0.15	U	0.60	0.050	ug/L		03/11/22 09:25	03/14/22 17:05	1
Pentachlorophenol	1.0	U	10	0.51	ug/L		03/11/22 09:25	03/14/22 17:05	1
Phenol	0.60	U	1.0	0.36	ug/L		03/11/22 09:25	03/14/22 17:05	1
Pyrene	0.091	U	1.0	0.040	ug/L		03/11/22 09:25	03/14/22 17:05	1
Pyridine	3.2	U Q	10	1.1	ug/L		03/11/22 09:25	03/14/22 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*43 - 140*	*03/11/22 09:25*	*03/14/22 17:05*	*1*
2-Fluorobiphenyl	*79*		*44 - 119*	*03/11/22 09:25*	*03/14/22 17:05*	*1*
2-Fluorophenol (Surr)	*47*		*19 - 119*	*03/11/22 09:25*	*03/14/22 17:05*	*1*
Nitrobenzene-d5 (Surr)	*71*		*44 - 120*	*03/11/22 09:25*	*03/14/22 17:05*	*1*
Phenol-d5 (Surr)	*29*		*10 - 120*	*03/11/22 09:25*	*03/14/22 17:05*	*1*
Terphenyl-d14	*95*		*50 - 134*	*03/11/22 09:25*	*03/14/22 17:05*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	3.2	U	5.0	1.6	ug/L		03/11/22 09:25	03/18/22 14:06	1
4,6-Dinitro-2-methylphenol	1.2	U	2.0	0.55	ug/L		03/11/22 09:25	03/18/22 14:06	1
4-Nitrophenol	6.0	U	10	1.7	ug/L		03/11/22 09:25	03/18/22 14:06	1
Bis(2-ethylhexyl) phthalate	1.6	U	3.0	0.74	ug/L		03/11/22 09:25	03/18/22 14:06	1

Default Detection Limits

Client: AECOM
Project/Site: Red Hill NOI GW

Job ID: 580-111087-1

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Prep: 3510C

Analyte	LOQ	DL	Units
1-Methylnaphthalene	0.10	0.019	ug/L
2-Methylnaphthalene	0.20	0.039	ug/L
Acenaphthene	0.10	0.014	ug/L
Acenaphthylene	0.050	0.0090	ug/L
Anthracene	0.10	0.022	ug/L
Benzo[a]anthracene	0.050	0.014	ug/L
Benzo[a]pyrene	0.10	0.011	ug/L
Benzo[b]fluoranthene	0.050	0.011	ug/L
Benzo[g,h,i]perylene	0.050	0.012	ug/L
Benzo[k]fluoranthene	0.050	0.012	ug/L
Chrysene	0.10	0.016	ug/L
Dibenz(a,h)anthracene	0.10	0.026	ug/L
Fluoranthene	0.20	0.018	ug/L
Fluorene	0.10	0.017	ug/L
Indeno[1,2,3-cd]pyrene	0.050	0.014	ug/L
Naphthalene	0.10	0.031	ug/L
Phenanthrene	0.10	0.031	ug/L
Pyrene	0.10	0.033	ug/L

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Prep: 3510C

Analyte	LOQ	DL	Units
1,2,4-Trichlorobenzene	0.40	0.090	ug/L
1,2-Dichlorobenzene	0.40	0.050	ug/L
1,3-Dichlorobenzene	0.40	0.040	ug/L
1,4-Dichlorobenzene	0.40	0.040	ug/L
2,4,5-Trichlorophenol	0.40	0.10	ug/L
2,4,6-Trichlorophenol	0.60	0.10	ug/L
2,4-Dichlorophenol	1.0	0.20	ug/L
2,4-Dimethylphenol	4.0	0.16	ug/L
2,4-Dinitrophenol	5.0	1.6	ug/L
2,4-Dinitrotoluene	1.0	0.10	ug/L
2,6-Dinitrotoluene	0.40	0.10	ug/L
2-Chloronaphthalene	1.0	0.070	ug/L
2-Chlorophenol	1.0	0.050	ug/L
2-Nitrophenol	1.0	0.070	ug/L
3,3'-Dichlorobenzidine	1.0	0.26	ug/L
4,6-Dinitro-2-methylphenol	2.0	0.55	ug/L
4-Bromophenyl phenyl ether	0.60	0.060	ug/L
4-Chloro-3-methylphenol	0.60	0.13	ug/L
4-Chlorophenyl phenyl ether	0.60	0.050	ug/L
4-Nitrophenol	10	1.7	ug/L
Azobenzene	2.0	0.060	ug/L
bis (2-chloroisopropyl) ether	0.25	0.060	ug/L
Bis(2-chloroethoxy)methane	0.60	0.050	ug/L
Bis(2-chloroethyl)ether	0.10	0.030	ug/L
Bis(2-ethylhexyl) phthalate	3.0	0.74	ug/L
Butyl benzyl phthalate	4.0	0.27	ug/L
Diethyl phthalate	1.0	0.15	ug/L
Dimethyl phthalate	0.60	0.060	ug/L
Di-n-butyl phthalate	3.0	0.19	ug/L

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Prep: 3510C

Analyte	LOQ	DL	Units
Di-n-octyl phthalate	1.0	0.13	ug/L
Hexachlorobenzene	0.60	0.040	ug/L
Hexachlorobutadiene	1.0	0.060	ug/L
Hexachlorocyclopentadiene	1.0	0.14	ug/L
Hexachloroethane	1.0	0.050	ug/L
Isophorone	0.40	0.10	ug/L
m+p-Cresol	0.60	0.10	ug/L
Nitrobenzene	1.0	0.040	ug/L
N-Nitrosodimethylamine	2.0	0.26	ug/L
N-Nitrosodi-n-propylamine	0.40	0.060	ug/L
N-Nitrosodiphenylamine	1.0	0.070	ug/L
o-Cresol	0.60	0.050	ug/L
Pentachlorophenol	10	0.51	ug/L
Phenol	1.0	0.36	ug/L
Pyrene	1.0	0.040	ug/L
Pyridine	10	1.1	ug/L

Surrogate Summary

Client: AECOM
Project/Site: Red Hill NOI GW

Job ID: 580-111087-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(43-140)	(44-119)	(19-119)	(44-120)	(10-120)	(50-134)
580-111087-1	ERH2672 (RHMW10)	81	75	43	72	29	100
580-111087-2	ERH2670 (RHMW19)	71	79	47	71	29	95
LCS 580-383558/2-A	Lab Control Sample	70	62	50	69	31	88
LCSD 580-383558/3-A	Lab Control Sample Dup	74	70	51	75	30	92
MB 580-383558/1-A	Method Blank	54	83	43	69	26	97

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		2MN	FLN10	TPHL
Lab Sample ID	Client Sample ID	(40-140)	(40-140)	(58-132)
580-111087-1	ERH2672 (RHMW10)	65	76	84
580-111087-2	ERH2670 (RHMW19)	59	78	87
LCS 580-383558/2-A	Lab Control Sample	57	69	78
LCSD 580-383558/3-A	Lab Control Sample Dup	59	74	82
MB 580-383558/1-A	Method Blank	59	74	82

Surrogate Legend

2MN = 2-methylnaphthalene-d10
FLN10 = Fluoranthene-d10 (Surr)
TPHL = Terphenyl-d14

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 580-383558/1-A
Matrix: Water
Analysis Batch: 383728

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 383558

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.30	U	0.40	0.090	ug/L		03/11/22 09:25	03/14/22 13:36	1
1,2-Dichlorobenzene	0.15	U	0.40	0.050	ug/L		03/11/22 09:25	03/14/22 13:36	1
1,3-Dichlorobenzene	0.090	U	0.40	0.040	ug/L		03/11/22 09:25	03/14/22 13:36	1
1,4-Dichlorobenzene	0.090	U	0.40	0.040	ug/L		03/11/22 09:25	03/14/22 13:36	1
2,4,5-Trichlorophenol	0.30	U	0.40	0.10	ug/L		03/11/22 09:25	03/14/22 13:36	1
2,4,6-Trichlorophenol	0.30	U	0.60	0.10	ug/L		03/11/22 09:25	03/14/22 13:36	1
2,4-Dichlorophenol	0.50	U	1.0	0.20	ug/L		03/11/22 09:25	03/14/22 13:36	1
2,4-Dimethylphenol	0.50	U	4.0	0.16	ug/L		03/11/22 09:25	03/14/22 13:36	1
2,4-Dinitrotoluene	0.30	U	1.0	0.10	ug/L		03/11/22 09:25	03/14/22 13:36	1
2,6-Dinitrotoluene	0.30	U	0.40	0.10	ug/L		03/11/22 09:25	03/14/22 13:36	1
2-Chloronaphthalene	0.15	U M	1.0	0.070	ug/L		03/11/22 09:25	03/14/22 13:36	1
2-Chlorophenol	0.15	U	1.0	0.050	ug/L		03/11/22 09:25	03/14/22 13:36	1
2-Nitrophenol	0.15	U	1.0	0.070	ug/L		03/11/22 09:25	03/14/22 13:36	1
3,3'-Dichlorobenzidine	0.60	U	1.0	0.26	ug/L		03/11/22 09:25	03/14/22 13:36	1
4-Bromophenyl phenyl ether	0.15	U	0.60	0.060	ug/L		03/11/22 09:25	03/14/22 13:36	1
4-Chloro-3-methylphenol	0.30	U	0.60	0.13	ug/L		03/11/22 09:25	03/14/22 13:36	1
4-Chlorophenyl phenyl ether	0.15	U	0.60	0.050	ug/L		03/11/22 09:25	03/14/22 13:36	1
Azobenzene	0.15	U M	2.0	0.060	ug/L		03/11/22 09:25	03/14/22 13:36	1
Bis(2-chloroethoxy)methane	0.15	U	0.60	0.050	ug/L		03/11/22 09:25	03/14/22 13:36	1
Bis(2-chloroethyl)ether	0.090	U	0.10	0.030	ug/L		03/11/22 09:25	03/14/22 13:36	1
bis (2-chloroisopropyl) ether	0.15	U	0.25	0.060	ug/L		03/11/22 09:25	03/14/22 13:36	1
Butyl benzyl phthalate	0.60	U	4.0	0.27	ug/L		03/11/22 09:25	03/14/22 13:36	1
Diethyl phthalate	0.177	J	1.0	0.15	ug/L		03/11/22 09:25	03/14/22 13:36	1
Dimethyl phthalate	0.15	U	0.60	0.060	ug/L		03/11/22 09:25	03/14/22 13:36	1
Di-n-butyl phthalate	0.50	U	3.0	0.19	ug/L		03/11/22 09:25	03/14/22 13:36	1
Di-n-octyl phthalate	0.30	U M	1.0	0.13	ug/L		03/11/22 09:25	03/14/22 13:36	1
Hexachlorobenzene	0.090	U	0.60	0.040	ug/L		03/11/22 09:25	03/14/22 13:36	1
Hexachlorobutadiene	0.15	U	1.0	0.060	ug/L		03/11/22 09:25	03/14/22 13:36	1
Hexachlorocyclopentadiene	0.30	U	1.0	0.14	ug/L		03/11/22 09:25	03/14/22 13:36	1
Hexachloroethane	0.15	U	1.0	0.050	ug/L		03/11/22 09:25	03/14/22 13:36	1
Isophorone	0.30	U	0.40	0.10	ug/L		03/11/22 09:25	03/14/22 13:36	1
m+p-Cresol	0.30	U M	0.60	0.10	ug/L		03/11/22 09:25	03/14/22 13:36	1
Nitrobenzene	0.090	U	1.0	0.040	ug/L		03/11/22 09:25	03/14/22 13:36	1
N-Nitrosodimethylamine	0.60	U	2.0	0.26	ug/L		03/11/22 09:25	03/14/22 13:36	1
N-Nitrosodi-n-propylamine	0.090	U	0.40	0.060	ug/L		03/11/22 09:25	03/14/22 13:36	1
N-Nitrosodiphenylamine	0.15	U M	1.0	0.070	ug/L		03/11/22 09:25	03/14/22 13:36	1
o-Cresol	0.15	U	0.60	0.050	ug/L		03/11/22 09:25	03/14/22 13:36	1
Pentachlorophenol	1.0	U	10	0.51	ug/L		03/11/22 09:25	03/14/22 13:36	1
Phenol	0.60	U M	1.0	0.36	ug/L		03/11/22 09:25	03/14/22 13:36	1
Pyrene	0.090	U	1.0	0.040	ug/L		03/11/22 09:25	03/14/22 13:36	1
Pyridine	3.2	U	10	1.1	ug/L		03/11/22 09:25	03/14/22 13:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*54*		*43 - 140*	*03/11/22 09:25*	*03/14/22 13:36*	*1*
2-Fluorobiphenyl	*83*		*44 - 119*	*03/11/22 09:25*	*03/14/22 13:36*	*1*
2-Fluorophenol (Surr)	*43*		*19 - 119*	*03/11/22 09:25*	*03/14/22 13:36*	*1*
Nitrobenzene-d5 (Surr)	*69*		*44 - 120*	*03/11/22 09:25*	*03/14/22 13:36*	*1*
Phenol-d5 (Surr)	*26*		*10 - 120*	*03/11/22 09:25*	*03/14/22 13:36*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 580-383558/1-A
Matrix: Water
Analysis Batch: 383728

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 383558

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	97		50 - 134	03/11/22 09:25	03/14/22 13:36	1

Lab Sample ID: LCS 580-383558/2-A
Matrix: Water
Analysis Batch: 383728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 383558

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	2.00	1.12		ug/L		56	29 - 116
1,2-Dichlorobenzene	2.00	1.15		ug/L		57	32 - 111
1,3-Dichlorobenzene	2.00	1.07		ug/L		53	28 - 110
1,4-Dichlorobenzene	2.00	1.08		ug/L		54	29 - 112
2,4,5-Trichlorophenol	2.00	1.46		ug/L		73	53 - 123
2,4,6-Trichlorophenol	2.00	1.24		ug/L		62	50 - 125
2,4-Dichlorophenol	2.00	1.34		ug/L		67	47 - 121
2,4-Dimethylphenol	2.00	1.21	J	ug/L		60	31 - 124
2,4-Dinitrotoluene	2.00	1.49		ug/L		75	57 - 128
2,6-Dinitrotoluene	2.00	1.35		ug/L		67	57 - 124
2-Chloronaphthalene	2.00	1.27		ug/L		63	40 - 116
2-Chlorophenol	2.00	1.45		ug/L		73	38 - 117
2-Nitrophenol	2.00	1.52		ug/L		76	47 - 123
3,3'-Dichlorobenzidine	4.00	3.68		ug/L		92	27 - 129
4-Bromophenyl phenyl ether	2.00	1.40		ug/L		70	55 - 124
4-Chloro-3-methylphenol	2.00	1.36		ug/L		68	52 - 119
4-Chlorophenyl phenyl ether	2.00	1.30		ug/L		65	53 - 121
Azobenzene	2.00	1.44	J	ug/L		72	61 - 116
Bis(2-chloroethoxy)methane	2.00	1.35		ug/L		67	48 - 120
Bis(2-chloroethyl)ether	2.00	1.49		ug/L		74	43 - 118
bis (2-chloroisopropyl) ether	2.00	1.33		ug/L		67	37 - 130
Butyl benzyl phthalate	2.00	1.84	J	ug/L		92	53 - 134
Diethyl phthalate	2.00	1.71		ug/L		85	56 - 125
Dimethyl phthalate	2.00	1.47		ug/L		74	45 - 127
Di-n-butyl phthalate	2.00	1.74	J	ug/L		87	59 - 127
Di-n-octyl phthalate	2.00	1.72		ug/L		86	51 - 140
Hexachlorobenzene	2.00	1.39		ug/L		69	53 - 125
Hexachlorobutadiene	2.00	0.893	J	ug/L		45	22 - 124
Hexachlorocyclopentadiene	2.00	0.876	J	ug/L		44	20 - 125
Hexachloroethane	2.00	0.936	J	ug/L		47	21 - 115
Isophorone	2.00	1.33		ug/L		66	42 - 124
m+p-Cresol	2.00	1.21		ug/L		60	29 - 110
Nitrobenzene	2.00	1.36		ug/L		68	45 - 121
N-Nitrosodimethylamine	2.00	1.12	J	ug/L		56	45 - 125
N-Nitrosodi-n-propylamine	2.00	1.38		ug/L		69	49 - 119
N-Nitrosodiphenylamine	2.00	1.51		ug/L		75	51 - 123
o-Cresol	2.00	1.25		ug/L		62	30 - 117
Pentachlorophenol	4.00	1.86	J	ug/L		47	35 - 138
Phenol	2.00	0.693	J	ug/L		35	13 - 120
Pyrene	2.00	1.73		ug/L		87	57 - 126
Pyridine	4.00	1.42	J	ug/L		35	20 - 125

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 580-383558/2-A
Matrix: Water
Analysis Batch: 383728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 383558

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*70*		*43 - 140*
2-Fluorobiphenyl	*62*		*44 - 119*
2-Fluorophenol (Surr)	*50*		*19 - 119*
Nitrobenzene-d5 (Surr)	*69*		*44 - 120*
Phenol-d5 (Surr)	*31*		*10 - 120*
Terphenyl-d14	*88*		*50 - 134*

Lab Sample ID: LCSD 580-383558/3-A
Matrix: Water
Analysis Batch: 383728

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 383558

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			2.00	1.16		ug/L		58	29 - 116	4	20
1,2-Dichlorobenzene			2.00	1.11		ug/L		56	32 - 111	3	20
1,3-Dichlorobenzene			2.00	1.01		ug/L		51	28 - 110	5	20
1,4-Dichlorobenzene			2.00	1.06		ug/L		53	29 - 112	2	20
2,4,5-Trichlorophenol			2.00	1.55		ug/L		78	53 - 123	6	20
2,4,6-Trichlorophenol			2.00	1.42		ug/L		71	50 - 125	14	20
2,4-Dichlorophenol			2.00	1.49		ug/L		74	47 - 121	10	20
2,4-Dimethylphenol			2.00	1.31	J	ug/L		65	31 - 124	8	20
2,4-Dinitrotoluene			2.00	1.63		ug/L		81	57 - 128	9	20
2,6-Dinitrotoluene			2.00	1.56		ug/L		78	57 - 124	15	20
2-Chloronaphthalene			2.00	1.40		ug/L		70	40 - 116	10	20
2-Chlorophenol			2.00	1.43		ug/L		71	38 - 117	2	20
2-Nitrophenol			2.00	1.50		ug/L		75	47 - 123	1	20
3,3'-Dichlorobenzidine			4.00	3.80		ug/L		95	27 - 129	3	20
4-Bromophenyl phenyl ether			2.00	1.50		ug/L		75	55 - 124	7	20
4-Chloro-3-methylphenol			2.00	1.51		ug/L		76	52 - 119	10	20
4-Chlorophenyl phenyl ether			2.00	1.46		ug/L		73	53 - 121	11	20
Azobenzene			2.00	1.52	J	ug/L		76	61 - 116	5	20
Bis(2-chloroethoxy)methane			2.00	1.43		ug/L		71	48 - 120	6	20
Bis(2-chloroethyl)ether			2.00	1.47		ug/L		73	43 - 118	1	20
bis (2-chloroisopropyl) ether			2.00	1.38		ug/L		69	37 - 130	4	20
Butyl benzyl phthalate			2.00	2.06	J	ug/L		103	53 - 134	12	20
Diethyl phthalate			2.00	1.93		ug/L		96	56 - 125	12	20
Dimethyl phthalate			2.00	1.70		ug/L		85	45 - 127	14	20
Di-n-butyl phthalate			2.00	1.83	J	ug/L		92	59 - 127	5	20
Di-n-octyl phthalate			2.00	1.95		ug/L		97	51 - 140	12	20
Hexachlorobenzene			2.00	1.44		ug/L		72	53 - 125	4	20
Hexachlorobutadiene			2.00	0.854	J	ug/L		43	22 - 124	4	20
Hexachlorocyclopentadiene			2.00	0.865	J	ug/L		43	20 - 125	1	20
Hexachloroethane			2.00	0.860	J	ug/L		43	21 - 115	9	20
Isophorone			2.00	1.40		ug/L		70	42 - 124	6	20
m+p-Cresol			2.00	1.16		ug/L		58	29 - 110	4	20
Nitrobenzene			2.00	1.46		ug/L		73	45 - 121	6	20
N-Nitrosodimethylamine			2.00	1.09	J	ug/L		55	45 - 125	3	20
N-Nitrosodi-n-propylamine			2.00	1.45		ug/L		72	49 - 119	5	20
N-Nitrosodiphenylamine			2.00	1.58		ug/L		79	51 - 123	5	20

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 580-383558/3-A
Matrix: Water
Analysis Batch: 383728

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 383558

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
o-Cresol			2.00	1.21		ug/L		61	30 - 117	3	20
Pentachlorophenol			4.00	1.79	J	ug/L		45	35 - 138	4	20
Phenol			2.00	0.683	J	ug/L		34	13 - 120	1	20
Pyrene			2.00	1.88		ug/L		94	57 - 126	8	20
Pyridine			4.00	3.2	U Q	ug/L		13	20 - 125	95	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*43 - 140*
2-Fluorobiphenyl	*70*		*44 - 119*
2-Fluorophenol (Surr)	*51*		*19 - 119*
Nitrobenzene-d5 (Surr)	*75*		*44 - 120*
Phenol-d5 (Surr)	*30*		*10 - 120*
Terphenyl-d14	*92*		*50 - 134*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) - RA

Lab Sample ID: MB 580-383558/1-A
Matrix: Water
Analysis Batch: 384307

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 383558

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol - RA	3.2	U	5.0	1.6	ug/L		03/11/22 09:25	03/18/22 11:22	1
4,6-Dinitro-2-methylphenol - RA	1.2	U	2.0	0.55	ug/L		03/11/22 09:25	03/18/22 11:22	1
4-Nitrophenol - RA	6.0	U	10	1.7	ug/L		03/11/22 09:25	03/18/22 11:22	1
Bis(2-ethylhexyl) phthalate - RA	1.6	U	3.0	0.74	ug/L		03/11/22 09:25	03/18/22 11:22	1
bis (2-chloroisopropyl) ether - RA	0.15	U M	0.25	0.060	ug/L		03/11/22 09:25	03/18/22 11:22	1

Lab Sample ID: LCS 580-383558/2-A
Matrix: Water
Analysis Batch: 384307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 383558

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
2,4-Dinitrophenol - RA			4.00	2.50	J M	ug/L		62	23 - 143		
4,6-Dinitro-2-methylphenol - RA			4.00	3.29		ug/L		82	44 - 137		
Bis(2-ethylhexyl) phthalate - RA			2.00	2.14	J	ug/L		107	55 - 135		
bis (2-chloroisopropyl) ether - RA			2.00	1.42		ug/L		71	37 - 130		

Lab Sample ID: LCSD 580-383558/3-A
Matrix: Water
Analysis Batch: 384307

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 383558

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrophenol - RA			4.00	2.91	J M	ug/L		73	23 - 143	15	20
4,6-Dinitro-2-methylphenol - RA			4.00	3.17		ug/L		79	44 - 137	4	20
4-Nitrophenol - RA			4.00	2.50	J	ug/L		63	35 - 145	0	20
Bis(2-ethylhexyl) phthalate - RA			2.00	2.42	J	ug/L		121	55 - 135	12	20
bis (2-chloroisopropyl) ether - RA			2.00	1.55		ug/L		77	37 - 130	9	20

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Lab Sample ID: MB 580-383558/1-A
Matrix: Water
Analysis Batch: 383722

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 383558

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.032	U M	0.10	0.019	ug/L		03/11/22 09:25	03/14/22 15:17	1
2-Methylnaphthalene	0.080	U M	0.20	0.039	ug/L		03/11/22 09:25	03/14/22 15:17	1
Acenaphthene	0.032	U M	0.10	0.014	ug/L		03/11/22 09:25	03/14/22 15:17	1
Acenaphthylene	0.032	U M	0.050	0.0090	ug/L		03/11/22 09:25	03/14/22 15:17	1
Anthracene	0.080	U M	0.10	0.022	ug/L		03/11/22 09:25	03/14/22 15:17	1
Benzo[a]anthracene	0.032	U	0.050	0.014	ug/L		03/11/22 09:25	03/14/22 15:17	1
Benzo[a]pyrene	0.032	U	0.10	0.011	ug/L		03/11/22 09:25	03/14/22 15:17	1
Benzo[b]fluoranthene	0.032	U M	0.050	0.011	ug/L		03/11/22 09:25	03/14/22 15:17	1
Benzo[g,h,i]perylene	0.032	U	0.050	0.012	ug/L		03/11/22 09:25	03/14/22 15:17	1
Benzo[k]fluoranthene	0.032	U	0.050	0.012	ug/L		03/11/22 09:25	03/14/22 15:17	1
Chrysene	0.032	U	0.10	0.016	ug/L		03/11/22 09:25	03/14/22 15:17	1
Dibenz(a,h)anthracene	0.032	U	0.10	0.026	ug/L		03/11/22 09:25	03/14/22 15:17	1
Fluoranthene	0.032	U M	0.20	0.018	ug/L		03/11/22 09:25	03/14/22 15:17	1
Fluorene	0.032	U M	0.10	0.017	ug/L		03/11/22 09:25	03/14/22 15:17	1
Indeno[1,2,3-cd]pyrene	0.032	U	0.050	0.014	ug/L		03/11/22 09:25	03/14/22 15:17	1
Naphthalene	0.080	U M	0.10	0.031	ug/L		03/11/22 09:25	03/14/22 15:17	1
Phenanthrene	0.0445	J	0.10	0.031	ug/L		03/11/22 09:25	03/14/22 15:17	1
Pyrene	0.080	U M	0.10	0.033	ug/L		03/11/22 09:25	03/14/22 15:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-methylnaphthalene-d10	*59*		*40 - 140*	*03/11/22 09:25*	*03/14/22 15:17*	*1*
Fluoranthene-d10 (Surr)	*74*		*40 - 140*	*03/11/22 09:25*	*03/14/22 15:17*	*1*
Terphenyl-d14	*82*		*58 - 132*	*03/11/22 09:25*	*03/14/22 15:17*	*1*

Lab Sample ID: LCS 580-383558/2-A
Matrix: Water
Analysis Batch: 383722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 383558

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1-Methylnaphthalene	2.00	1.20		ug/L		60	41 - 115
2-Methylnaphthalene	2.00	1.31		ug/L		66	39 - 114
Acenaphthene	2.00	1.23		ug/L		61	48 - 114
Acenaphthylene	2.00	1.34		ug/L		67	35 - 121
Anthracene	2.00	1.35		ug/L		68	53 - 119
Benzo[a]anthracene	2.00	1.69		ug/L		85	59 - 120
Benzo[a]pyrene	2.00	1.33		ug/L		66	53 - 120
Benzo[b]fluoranthene	2.00	1.56		ug/L		78	53 - 126
Benzo[g,h,i]perylene	2.00	1.46		ug/L		73	44 - 128
Benzo[k]fluoranthene	2.00	1.38		ug/L		69	54 - 125
Chrysene	2.00	1.36		ug/L		68	57 - 120
Dibenz(a,h)anthracene	2.00	1.51	M	ug/L		76	44 - 131
Fluoranthene	2.00	1.49		ug/L		75	58 - 120
Fluorene	2.00	1.32		ug/L		66	50 - 118
Indeno[1,2,3-cd]pyrene	2.00	2.23		ug/L		112	48 - 130
Naphthalene	2.00	1.30		ug/L		65	43 - 114
Phenanthrene	2.00	1.52		ug/L		76	53 - 115
Pyrene	2.00	1.46		ug/L		73	53 - 121

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: LCS 580-383558/2-A
Matrix: Water
Analysis Batch: 383722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 383558

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-methylnaphthalene-d10	*57*		*40 - 140*
Fluoranthene-d10 (Surr)	*69*		*40 - 140*
Terphenyl-d14	*78*		*58 - 132*

Lab Sample ID: LCSD 580-383558/3-A
Matrix: Water
Analysis Batch: 383722

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 383558

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1-Methylnaphthalene			2.00	1.24		ug/L		62	41 - 115	4	20
2-Methylnaphthalene			2.00	1.36		ug/L		68	39 - 114	4	20
Acenaphthene			2.00	1.37		ug/L		68	48 - 114	11	20
Acenaphthylene			2.00	1.47		ug/L		74	35 - 121	10	20
Anthracene			2.00	1.49		ug/L		74	53 - 119	10	20
Benzo[a]anthracene			2.00	1.77		ug/L		89	59 - 120	5	20
Benzo[a]pyrene			2.00	1.38		ug/L		69	53 - 120	4	20
Benzo[b]fluoranthene			2.00	1.65		ug/L		82	53 - 126	5	20
Benzo[g,h,i]perylene			2.00	1.47		ug/L		73	44 - 128	0	20
Benzo[k]fluoranthene			2.00	1.43		ug/L		71	54 - 125	3	20
Chrysene			2.00	1.41		ug/L		71	57 - 120	4	20
Dibenz(a,h)anthracene			2.00	1.55	M	ug/L		78	44 - 131	3	20
Fluoranthene			2.00	1.69		ug/L		84	58 - 120	12	20
Fluorene			2.00	1.47		ug/L		73	50 - 118	10	20
Indeno[1,2,3-cd]pyrene			2.00	2.31		ug/L		116	48 - 130	4	20
Naphthalene			2.00	1.36		ug/L		68	43 - 114	5	20
Phenanthrene			2.00	1.70		ug/L		85	53 - 115	11	20
Pyrene			2.00	1.67		ug/L		84	53 - 121	13	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-methylnaphthalene-d10	*59*		*40 - 140*
Fluoranthene-d10 (Surr)	*74*		*40 - 140*
Terphenyl-d14	*82*		*58 - 132*

GC/MS Semi VOA

Prep Batch: 383558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-111087-1	ERH2672 (RHMW10)	Total/NA	Water	3510C	
580-111087-1 - RA	ERH2672 (RHMW10)	Total/NA	Water	3510C	
580-111087-2	ERH2670 (RHMW19)	Total/NA	Water	3510C	
580-111087-2 - RA	ERH2670 (RHMW19)	Total/NA	Water	3510C	
MB 580-383558/1-A	Method Blank	Total/NA	Water	3510C	
MB 580-383558/1-A - RA	Method Blank	Total/NA	Water	3510C	
LCS 580-383558/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 580-383558/2-A - RA	Lab Control Sample	Total/NA	Water	3510C	
LCSD 580-383558/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 580-383558/3-A - RA	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 383722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-111087-1	ERH2672 (RHMW10)	Total/NA	Water	8270E SIM	383558
580-111087-2	ERH2670 (RHMW19)	Total/NA	Water	8270E SIM	383558
MB 580-383558/1-A	Method Blank	Total/NA	Water	8270E SIM	383558
LCS 580-383558/2-A	Lab Control Sample	Total/NA	Water	8270E SIM	383558
LCSD 580-383558/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	383558

Analysis Batch: 383728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-111087-1	ERH2672 (RHMW10)	Total/NA	Water	8270E	383558
580-111087-2	ERH2670 (RHMW19)	Total/NA	Water	8270E	383558
MB 580-383558/1-A	Method Blank	Total/NA	Water	8270E	383558
LCS 580-383558/2-A	Lab Control Sample	Total/NA	Water	8270E	383558
LCSD 580-383558/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	383558

Analysis Batch: 384307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-111087-1 - RA	ERH2672 (RHMW10)	Total/NA	Water	8270E	383558
580-111087-2 - RA	ERH2670 (RHMW19)	Total/NA	Water	8270E	383558
MB 580-383558/1-A - RA	Method Blank	Total/NA	Water	8270E	383558
LCS 580-383558/2-A - RA	Lab Control Sample	Total/NA	Water	8270E	383558
LCSD 580-383558/3-A - RA	Lab Control Sample Dup	Total/NA	Water	8270E	383558

Lab Chronicle

Client: AECOM
Job ID: 580-111087-1
Project/Site: Red Hill NOI GW

Client Sample ID: ERH2672 (RHMW10)
Lab Sample ID: 580-111087-1
Date Collected: 03/04/22 11:30
Matrix: Water
Date Received: 03/07/22 11:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			383558	03/11/22 09:25	JJY	FGS SEA
Total/NA	Analysis	8270E		1	383728	03/14/22 16:42	E1L	FGS SEA
Total/NA	Prep	3510C	RA		383558	03/11/22 09:25	JJY	FGS SEA
Total/NA	Analysis	8270E	RA	1	384307	03/18/22 13:43	ADB	FGS SEA
Total/NA	Prep	3510C			383558	03/11/22 09:25	JJY	FGS SEA
Total/NA	Analysis	8270E SIM		1	383722	03/14/22 21:46	CJ	FGS SEA

Client Sample ID: ERH2670 (RHMW19)
Lab Sample ID: 580-111087-2
Date Collected: 03/04/22 14:35
Matrix: Water
Date Received: 03/07/22 11:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			383558	03/11/22 09:25	JJY	FGS SEA
Total/NA	Analysis	8270E		1	383728	03/14/22 17:05	E1L	FGS SEA
Total/NA	Prep	3510C	RA		383558	03/11/22 09:25	JJY	FGS SEA
Total/NA	Analysis	8270E	RA	1	384307	03/18/22 14:06	ADB	FGS SEA
Total/NA	Prep	3510C			383558	03/11/22 09:25	JJY	FGS SEA
Total/NA	Analysis	8270E SIM		1	383722	03/14/22 22:11	CJ	FGS SEA

Laboratory References:

FGS SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: AECOM
Job ID: 580-111087-1
Project/Site: Red Hill NOI GW

Laboratory: Eurofins Seattle

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2236	01-19-25

Method Summary

Client: AECOM
Job ID: 580-111087-1
Project/Site: Red Hill NOI GW

Method	Method Description	Protocol	Laboratory
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	FGS SEA
8270E SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	FGS SEA
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	FGS SEA

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

FGS SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Sample Summary

Client: AECOM
Job ID: 580-111087-1
Project/Site: Red Hill NOI GW

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-111087-1	ERH2672 (RHMW10)	Water	03/04/22 11:30	03/07/22 11:28
580-111087-2	ERH2670 (RHMW19)	Water	03/04/22 14:35	03/07/22 11:28

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 382822

Lab Sample ID: STD10 580-382822/4 IC Client Sample ID:

Date Analyzed: 03/03/22 17:30 Lab File ID: 40Scan030322a007.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	2.52	Peak assignment corrected	limmere	03/08/22 10:37
Pyridine	2.53	Peak assignment corrected	limmere	03/08/22 10:37
2-Fluorophenol (Surr)	3.65	Peak assignment corrected	limmere	03/08/22 10:37
Phenol-d5 (Surr)	4.43	Peak assignment corrected	limmere	03/08/22 10:37
Phenol	4.44	Peak assignment corrected	limmere	03/08/22 10:37
Aniline	4.45	Peak assignment corrected	limmere	03/08/22 10:37
Bis(2-chloroethyl)ether	4.51	Peak assignment corrected	limmere	03/08/22 10:37
2-Chlorophenol	4.54	Peak assignment corrected	limmere	03/08/22 10:37
n-Decane	4.60	Peak assignment corrected	limmere	03/08/22 10:37
1,3-Dichlorobenzene	4.66	Peak assignment corrected	limmere	03/08/22 10:37
1,4-Dichlorobenzene-d4 (IS)	4.71	Peak assignment corrected	limmere	03/08/22 10:36
1,4-Dichlorobenzene	4.73	Peak assignment corrected	limmere	03/08/22 10:37
1,2-Dichlorobenzene	4.84	Peak assignment corrected	limmere	03/08/22 10:37
Benzyl alcohol	4.84	Peak assignment corrected	limmere	03/08/22 10:37
o-Cresol	4.93	Peak assignment corrected	limmere	03/08/22 13:51
bis (2-chloroisopropyl) ether	4.95	Peak assignment corrected	limmere	03/08/22 10:37
Acetophenone	5.05	Peak assignment corrected	limmere	03/08/22 10:37
m+p-Cresol	5.05	Peak assignment corrected	limmere	03/08/22 13:51
N-Nitrosodi-n-propylamine	5.06	Peak assignment corrected	limmere	03/08/22 10:38
Hexachloroethane	5.11	Peak assignment corrected	limmere	03/08/22 10:38
Benzoic acid	5.64	Peak assignment corrected	limmere	03/08/22 10:38
1,3-Dinitrobenzene	7.00	Peak assignment corrected	limmere	03/08/22 10:38
2,4-Dinitrophenol	7.24	Peak assignment corrected	limmere	03/08/22 10:38

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 382822

Lab Sample ID: STD9 580-382822/5 IC Client Sample ID:

Date Analyzed: 03/03/22 17:53 Lab File ID: 40Scan030322a008.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	4.45	Peak assignment corrected	limmere	03/08/22 10:39
Bis(2-chloroethyl)ether	4.51	Peak assignment corrected	limmere	03/08/22 10:39
1,4-Dichlorobenzene-d4 (IS)	4.71	Peak assignment corrected	limmere	03/08/22 10:39
o-Cresol	4.92	Peak assignment corrected	limmere	03/08/22 14:04
bis (2-chloroisopropyl) ether	4.95	Peak assignment corrected	limmere	03/08/22 10:39
m+p-Cresol	5.05	Peak assignment corrected	limmere	03/08/22 13:44

Lab Sample ID: STD8 580-382822/6 IC Client Sample ID:

Date Analyzed: 03/03/22 18:16 Lab File ID: 40Scan030322a009.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dichlorobenzene-d4 (IS)	4.71	Peak assignment corrected	limmere	03/08/22 10:40
o-Cresol	4.92	Peak assignment corrected	limmere	03/08/22 13:53
m+p-Cresol	5.04	Peak assignment corrected	limmere	03/08/22 13:42
Benzoic acid	5.56	Peak assignment corrected	limmere	03/08/22 10:41
Benzofluoranthene	11.69	Peak assignment corrected	limmere	03/08/22 10:41

Lab Sample ID: STD7IS 580-382822/7 ICI Client Sample ID:

Date Analyzed: 03/03/22 18:40 Lab File ID: 40Scan030322a010.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	4.44	Peak assignment corrected	limmere	03/08/22 10:42
o-Cresol	4.92	Peak assignment corrected	limmere	03/08/22 13:54
m+p-Cresol	5.04	Peak assignment corrected	limmere	03/08/22 13:54
Benzoic acid	5.54	Peak assignment corrected	limmere	03/08/22 10:42
2,4-Dinitrophenol	7.23	Peak assignment corrected	limmere	03/08/22 10:42

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 382822

Lab Sample ID: STD6 580-382822/8 IC Client Sample ID:

Date Analyzed: 03/03/22 19:03 Lab File ID: 40Scan030322a011.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	4.44	Peak assignment corrected	limmere	03/08/22 10:43
o-Cresol	4.91	Peak assignment corrected	limmere	03/08/22 13:55
m+p-Cresol	5.04	Peak assignment corrected	limmere	03/08/22 13:55
Benzoic acid	5.52	Peak assignment corrected	limmere	03/08/22 10:43
2,4-Dinitrophenol	7.23	Peak assignment corrected	limmere	03/08/22 10:44
Benzofluoranthene	11.68	Peak assignment corrected	limmere	03/08/22 10:44

Lab Sample ID: STD5 580-382822/9 IC Client Sample ID:

Date Analyzed: 03/03/22 19:26 Lab File ID: 40Scan030322a012.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
o-Cresol	4.91	Peak assignment corrected	limmere	03/08/22 13:55
m+p-Cresol	5.04	Peak assignment corrected	limmere	03/08/22 13:55
Benzoic acid	5.51	Peak assignment corrected	limmere	03/08/22 10:45
2,4-Dinitrophenol	7.23	Peak assignment corrected	limmere	03/08/22 10:45

Lab Sample ID: STD4 580-382822/10 IC Client Sample ID:

Date Analyzed: 03/03/22 19:49 Lab File ID: 40Scan030322a013.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	4.44	Peak assignment corrected	limmere	03/08/22 10:59
o-Cresol	4.91	Peak assignment corrected	limmere	03/08/22 13:56
m+p-Cresol	5.04	Peak assignment corrected	limmere	03/08/22 13:56
Benzoic acid	5.50	Peak assignment corrected	limmere	03/08/22 10:46
2,4-Dinitrophenol	7.23	Peak assignment corrected	limmere	03/08/22 10:46
Benzofluoranthene	11.68	Peak assignment corrected	limmere	03/08/22 10:46

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 382822

Lab Sample ID: STD3 580-382822/11 IC Client Sample ID:

Date Analyzed: 03/03/22 20:12 Lab File ID: 40Scan030322a014.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	2.53	Peak assignment corrected	limmere	03/08/22 10:47
Aniline	4.44	Peak assignment corrected	limmere	03/08/22 10:59
o-Cresol	4.91	Peak assignment corrected	limmere	03/08/22 13:57
m+p-Cresol	5.04	Peak assignment corrected	limmere	03/08/22 13:57
Benzoic acid	5.50	Peak assignment corrected	limmere	03/08/22 10:47
2,4-Dinitrophenol	7.23	Peak assignment corrected	limmere	03/08/22 10:47
4-Nitrophenol	7.28	Peak assignment corrected	limmere	03/08/22 10:47
2,4-Dinitrotoluene	7.34	Peak assignment corrected	limmere	03/08/22 10:47
Benzofluoranthene	11.71	Peak assignment corrected	limmere	03/08/22 10:47

Lab Sample ID: STD2 580-382822/12 IC Client Sample ID:

Date Analyzed: 03/03/22 20:35 Lab File ID: 40Scan030322a015.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	2.53	Peak assignment corrected	limmere	03/08/22 10:52
o-Cresol	4.91	Peak assignment corrected	limmere	03/08/22 13:57
m+p-Cresol	5.04	Peak assignment corrected	limmere	03/08/22 13:57
2,4,5-Trichlorophenol	6.58	Peak assignment corrected	limmere	03/08/22 10:53
1,3-Dinitrobenzene	6.98	Peak assignment corrected	limmere	03/08/22 10:53
4-Nitrophenol	7.28	Baseline	limmere	03/08/22 10:53
2,4-Dinitrotoluene	7.34	Baseline	limmere	03/08/22 10:54
4,6-Dinitro-2-methylphenol	7.67	Baseline	limmere	03/08/22 10:54
Benzidine	9.52	Baseline	limmere	03/08/22 10:54
Benzo[a]anthracene	10.59	Baseline	limmere	03/08/22 10:54
Bis(2-ethylhexyl) phthalate	10.67	Baseline	limmere	03/08/22 10:54
Di-n-octyl phthalate	11.34	Baseline	limmere	03/08/22 10:54
Benzofluoranthene	11.68	Baseline	limmere	03/08/22 10:55
Benzo[k]fluoranthene	11.71	Baseline	limmere	03/08/22 10:55

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 382822

Lab Sample ID: STD1 580-382822/13 IC Client Sample ID:

Date Analyzed: 03/03/22 20:58 Lab File ID: 40Scan030322a016.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	2.53	Peak assignment corrected	limmere	03/08/22 10:55
o-Cresol	4.91	Peak assignment corrected	limmere	03/08/22 13:58
m+p-Cresol	5.04	Peak assignment corrected	limmere	03/08/22 13:58
N-Nitrosodi-n-propylamine	5.04	Peak assignment corrected	limmere	03/08/22 10:55
Nitrobenzene	5.17	Peak assignment corrected	limmere	03/08/22 10:55
4-Chloroaniline	5.81	Peak assignment corrected	limmere	03/08/22 10:56
1,3-Dinitrobenzene	6.98	Peak assignment corrected	limmere	03/08/22 10:56
3-Nitroaniline	7.15	Peak assignment corrected	limmere	03/08/22 10:56
2,4-Dinitrotoluene	7.34	Peak assignment corrected	limmere	03/08/22 10:56
4-Nitroaniline	7.64	Peak assignment corrected	limmere	03/08/22 10:56
Atrazine	8.18	Peak assignment corrected	limmere	03/08/22 10:57
Benzidine	9.51	Peak assignment corrected	limmere	03/08/22 10:57
Benzo[a]anthracene	10.59	Peak assignment corrected	limmere	03/08/22 10:57
Di-n-octyl phthalate	11.34	Peak assignment corrected	limmere	03/08/22 10:57
Benzofluoranthene	11.71	Peak assignment corrected	limmere	03/08/22 10:57

Lab Sample ID: ICV 580-382822/15 Client Sample ID:

Date Analyzed: 03/03/22 21:44 Lab File ID: 40Scan030322a018.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	4.44	Peak assignment corrected	limmere	03/08/22 10:58
o-Cresol	4.91	Peak assignment corrected	limmere	03/08/22 13:58
m+p-Cresol	5.04	Peak assignment corrected	limmere	03/08/22 13:58
Benzoic acid	5.53	Peak assignment corrected	limmere	03/08/22 10:58
2,4-Dinitrophenol	7.23	Peak assignment corrected	limmere	03/08/22 10:58
Benzofluoranthene	11.71	Peak assignment corrected	limmere	03/08/22 10:57

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 383728

Lab Sample ID: CCVIS 580-383728/3 Client Sample ID:

Date Analyzed: 03/14/22 12:50 Lab File ID: 40Scan031422a006.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzoic acid	5.54	Peak assignment corrected	thaneerat w	03/15/22 09:46
2,4-Dinitrophenol	7.23	Peak assignment corrected	thaneerat w	03/15/22 09:47
Benzofluoranthene	11.71	Peak assignment corrected	thaneerat w	03/15/22 09:47

Lab Sample ID: MB 580-383558/1-A Client Sample ID:

Date Analyzed: 03/14/22 13:36 Lab File ID: 40Scan031422a008.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Chloronaphthalene		Invalid Compound ID	thaneerat w	03/15/22 09:59
Azobenzene		Invalid Compound ID	thaneerat w	03/15/22 10:02
Di-n-octyl phthalate		Invalid Compound ID	thaneerat w	03/15/22 10:02
m+p-Cresol		Invalid Compound ID	thaneerat w	03/15/22 09:56
N-Nitrosodiphenylamine		Invalid Compound ID	thaneerat w	03/15/22 10:02
Phenol		Invalid Compound ID	thaneerat w	03/15/22 09:48

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 383728

Lab Sample ID: 580-111087-1 Client Sample ID: ERH2672 (RHMW10)

Date Analyzed: 03/14/22 16:42 Lab File ID: 40Scan031422a016.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dimethyl phthalate	6.97	Invalid Compound ID	thaneerat w	03/15/22 10:34
Pyrene	9.56	Incomplete Integration	thaneerat w	03/15/22 10:35
2,4-Dinitrotoluene		Invalid Compound ID	thaneerat w	03/15/22 10:35
2,6-Dinitrotoluene		Invalid Compound ID	thaneerat w	03/15/22 10:34
2-Nitrophenol		Invalid Compound ID	thaneerat w	03/15/22 10:32
3,3'-Dichlorobenzidine		Invalid Compound ID	thaneerat w	03/15/22 10:36
Azobenzene		Invalid Compound ID	thaneerat w	03/15/22 10:35
bis (2-chloroisopropyl) ether		Invalid Compound ID	thaneerat w	03/15/22 10:32
Bis(2-chloroethoxy)methane		Invalid Compound ID	thaneerat w	03/15/22 10:33
Bis(2-chloroethyl)ether		Invalid Compound ID	thaneerat w	03/15/22 10:32
Di-n-octyl phthalate		Invalid Compound ID	thaneerat w	03/15/22 10:36
m+p-Cresol		Invalid Compound ID	thaneerat w	03/15/22 10:32
Nitrobenzene		Invalid Compound ID	thaneerat w	03/15/22 10:32
N-Nitrosodi-n-propylamine		Invalid Compound ID	thaneerat w	03/15/22 10:32
o-Cresol		Invalid Compound ID	thaneerat w	03/15/22 10:32

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 383728

Lab Sample ID: 580-111087-2 Client Sample ID: ERH2670 (RHMW19)

Date Analyzed: 03/14/22 17:05 Lab File ID: 40Scan031422a017.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dimethyl phthalate	6.97	Invalid Compound ID	thaneerat w	03/15/22 10:39
Azobenzene		Invalid Compound ID	thaneerat w	03/15/22 10:39
Di-n-octyl phthalate		Invalid Compound ID	thaneerat w	03/15/22 10:40

Lab Sample ID: CCVC 580-383728/20 Client Sample ID:

Date Analyzed: 03/14/22 19:24 Lab File ID: 40Scan031422a023.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzoic acid	5.55	Peak assignment corrected	thaneerat w	03/15/22 11:08
2,4-Dinitrophenol	7.24	Peak assignment corrected	thaneerat w	03/15/22 11:09
Benzofluoranthene	11.71	Peak assignment corrected	thaneerat w	03/15/22 11:10

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: TAC051 Analysis Batch Number: 379142

Lab Sample ID: STD10 580-379142/4 IC Client Sample ID:

Date Analyzed: 01/24/22 17:04 Lab File ID: 0124A10_.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	4.24	Peak assignment corrected	limmere	01/27/22 13:41
1,4-Dichlorobenzene-d4 (IS)	4.49	Peak assignment corrected	limmere	01/27/22 13:41
bis (2-chloroisopropyl) ether	4.72	Peak assignment corrected	limmere	01/27/22 13:41
Benzoic acid	5.41	Peak assignment corrected	limmere	01/27/22 13:41
2,4-Dinitrophenol	7.00	Peak assignment corrected	limmere	01/27/22 13:41

Lab Sample ID: STD9 580-379142/5 IC Client Sample ID:

Date Analyzed: 01/24/22 17:28 Lab File ID: 0124A11_.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
bis (2-chloroisopropyl) ether	4.72	Peak assignment corrected	limmere	01/27/22 13:42
Benzoic acid	5.37	Peak assignment corrected	mohammedj	01/27/22 14:45
2,4-Dinitrophenol	6.99	Peak assignment corrected	limmere	01/27/22 13:41

Lab Sample ID: STD8 580-379142/6 IC Client Sample ID:

Date Analyzed: 01/24/22 17:51 Lab File ID: 0124A12_.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dichlorobenzene-d4 (IS)	4.49	Peak assignment corrected	limmere	01/27/22 13:42
bis (2-chloroisopropyl) ether	4.72	Peak assignment corrected	limmere	01/27/22 13:42
2,4-Dinitrophenol	6.99	Peak assignment corrected	limmere	01/27/22 13:42

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: TAC051 Analysis Batch Number: 379142

Lab Sample ID: STD7IS 580-379142/7 ICI Client Sample ID:

Date Analyzed: 01/24/22 18:14 Lab File ID: 0124A13_.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
bis (2-chloroisopropyl) ether	4.72	Peak assignment corrected	mohammedj	01/27/22 14:42
2,4-Dinitrophenol	6.99	Peak assignment corrected	limmere	01/27/22 13:40

Lab Sample ID: STD6 580-379142/8 IC Client Sample ID:

Date Analyzed: 01/24/22 18:37 Lab File ID: 0124A14_.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
bis (2-chloroisopropyl) ether	4.72	Peak assignment corrected	mohammedj	01/27/22 14:41
Benzoic acid	5.29	Peak assignment corrected	limmere	01/27/22 13:55
2,4-Dinitrophenol	6.99	Peak assignment corrected	limmere	01/27/22 13:43
4-Nitroaniline	7.40	Incomplete Integration	mohammedj	01/27/22 14:41
Benzofluoranthene	11.46	Peak assignment corrected	limmere	01/27/22 13:43

Lab Sample ID: STD5 580-379142/9 IC Client Sample ID:

Date Analyzed: 01/24/22 19:00 Lab File ID: 0124A15_.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	4.24	Peak assignment corrected	limmere	01/27/22 13:55
bis (2-chloroisopropyl) ether	4.72	Peak assignment corrected	limmere	01/27/22 13:55
Benzoic acid	5.29	Incomplete Integration	mohammedj	01/27/22 14:40
3-Nitroaniline	6.91	Incomplete Integration	mohammedj	01/27/22 14:39
2,4-Dinitrophenol	7.00	Peak assignment corrected	limmere	01/27/22 13:55
4-Nitroaniline	7.42	Incomplete Integration	mohammedj	01/27/22 14:39

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: TAC051 Analysis Batch Number: 379142

Lab Sample ID: STD4 580-379142/10 IC Client Sample ID:

Date Analyzed: 01/24/22 19:23 Lab File ID: 0124A16_.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
bis (2-chloroisopropyl) ether	4.72	Peak assignment corrected	mohammedj	01/27/22 14:38
2,4,5-Trichlorophenol	6.35	Peak assignment corrected	limmere	01/27/22 13:56
2-Nitroaniline	6.57	Incomplete Integration	boylea	01/28/22 16:57
2,4-Dinitrotoluene	7.10	Peak assignment corrected	mohammedj	01/27/22 14:38
2,3,5,6-Tetrachlorophenol	7.17	Peak assignment corrected	limmere	01/27/22 13:56
Pentachlorophenol	7.99	Peak assignment corrected	mohammedj	01/27/22 14:38
Benzofluoranthene	11.43	Peak assignment corrected	limmere	01/27/22 13:56

Lab Sample ID: STD3 580-379142/11 IC Client Sample ID:

Date Analyzed: 01/24/22 19:45 Lab File ID: 0124A17_.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4,5-Trichlorophenol	6.36	Peak assignment corrected	limmere	01/27/22 13:57
Carbazole	8.35	Incomplete Integration	mohammedj	01/27/22 14:36
3,3'-Dichlorobenzidine	10.32	Incomplete Integration	mohammedj	01/27/22 14:36
Benzofluoranthene	11.46	Peak assignment corrected	limmere	01/27/22 13:57
Indeno[1,2,3-cd]pyrene	13.17	Incomplete Integration	mohammedj	01/27/22 14:35

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: TAC051 Analysis Batch Number: 379142

Lab Sample ID: STD2 580-379142/12 IC Client Sample ID:

Date Analyzed: 01/24/22 20:08 Lab File ID: 0124A18_.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Fluorophenol (Surr)	3.49	Peak assignment corrected	limmere	01/27/22 13:57
bis (2-chloroisopropyl) ether	4.71	Peak assignment corrected	limmere	01/27/22 13:58
2-Nitrophenol	5.20	Peak assignment corrected	limmere	01/27/22 13:58
Bis(2-chloroethoxy)methane	5.32	Peak assignment corrected	mohammedj	01/27/22 15:08
Anthracene	8.20	Peak assignment corrected	mohammedj	01/27/22 14:34
Benzo[a]anthracene	10.33	Peak assignment corrected	mohammedj	01/27/22 14:34
Bis(2-ethylhexyl) phthalate	10.40	Peak assignment corrected	mohammedj	01/27/22 14:34
Benzofluoranthene	11.43	Peak assignment corrected	mohammedj	01/27/22 14:34
Benzo[k]fluoranthene	11.46	Peak assignment corrected	mohammedj	01/27/22 14:34
Benzo[g,h,i]perylene	13.50	Incomplete Integration	mohammedj	01/27/22 14:35

Lab Sample ID: ICV 580-379142/15 Client Sample ID:

Date Analyzed: 01/24/22 21:17 Lab File ID: 0124A21_.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
bis (2-chloroisopropyl) ether	4.72	Peak assignment corrected	limmere	01/27/22 12:07
Benzoic acid	5.30	Baseline	limmere	01/27/22 12:08
2,4-Dinitrophenol	6.99	Baseline	limmere	01/27/22 12:09
4-Nitrophenol	7.05	Peak Tail	boylea	01/28/22 17:05
Benzofluoranthene	11.43	Baseline	limmere	01/27/22 12:09
Perylene-d12	11.86	Incomplete Integration	mohammedj	01/27/22 14:58
Benzo[g,h,i]perylene	13.49	Baseline	limmere	01/27/22 12:09

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: TAC051 Analysis Batch Number: 384307

Lab Sample ID: CCVIS 580-384307/3 Client Sample ID:

Date Analyzed: 03/18/22 10:27 Lab File ID: 31822A04.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	4.20	Baseline	limmere	03/18/22 11:47
2,4-Dinitrophenol	6.97	Baseline	limmere	03/18/22 11:47
4-Nitrophenol	7.09	Baseline	limmere	03/18/22 11:47
Carbazole	8.32	Baseline	limmere	03/18/22 11:48
Di-n-octyl phthalate	11.02	Baseline	limmere	03/18/22 11:48
Benzofluoranthene	11.43	Baseline	limmere	03/18/22 11:48

Lab Sample ID: MB 580-383558/1-A RA Client Sample ID:

Date Analyzed: 03/18/22 11:22 Lab File ID: 31822A06.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
bis (2-chloroisopropyl) ether		Invalid Compound ID	boylea	03/18/22 20:18

Lab Sample ID: LCS 580-383558/2-A RA Client Sample ID:

Date Analyzed: 03/18/22 12:09 Lab File ID: 31822A08.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4-Dinitrophenol	6.97	Peak assignment corrected	boylea	03/18/22 20:22

Lab Sample ID: LCSD 580-383558/3-A RA Client Sample ID:

Date Analyzed: 03/18/22 12:32 Lab File ID: 31822A09.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4-Dinitrophenol	6.97	Peak assignment corrected	boylea	03/18/22 20:23

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: TAC051 Analysis Batch Number: 384307

Lab Sample ID: 580-111087-1 RA Client Sample ID: ERH2672 (RHMW10) RA

Date Analyzed: 03/18/22 13:43 Lab File ID: 31822A12.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4-Dinitrophenol		Invalid Compound ID	boylea	03/18/22 20:24
4,6-Dinitro-2-methylphenol		Invalid Compound ID	boylea	03/18/22 20:24
4-Nitrophenol		Invalid Compound ID	boylea	03/18/22 20:24

Lab Sample ID: CCVC 580-384307/22 Client Sample ID:

Date Analyzed: 03/18/22 18:00 Lab File ID: 31822A23.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4-Dinitrophenol	6.97	Peak assignment corrected	boylea	03/18/22 20:15

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: SEA101 Analysis Batch Number: 369708

Lab Sample ID: STD13 580-369708/4 IC Client Sample ID:

Date Analyzed: 10/05/21 18:11 Lab File ID: 100521a019.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dichlorobenzene-d4	5.50	Peak assignment corrected	limmere	10/06/21 10:09
Acenaphthylene	7.98	Peak assignment corrected	limmere	10/06/21 10:09
Indeno[1,2,3-cd]pyrene	14.31	Baseline	limmere	10/06/21 10:10
Dibenz(a,h)anthracene	14.34	Baseline	limmere	10/06/21 10:10

Lab Sample ID: STD12 580-369708/5 IC Client Sample ID:

Date Analyzed: 10/05/21 18:36 Lab File ID: 100521a020.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dichlorobenzene-d4	5.50	Peak assignment corrected	limmere	10/06/21 10:26
Acenaphthylene	7.98	Peak assignment corrected	limmere	10/06/21 10:26
Indeno[1,2,3-cd]pyrene	14.31	Baseline	limmere	10/06/21 10:26
Dibenz(a,h)anthracene	14.34	Baseline	limmere	10/06/21 10:27

Lab Sample ID: STD11 580-369708/6 IC Client Sample ID:

Date Analyzed: 10/05/21 19:00 Lab File ID: 100521a021.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dichlorobenzene-d4	5.50	Peak assignment corrected	limmere	10/06/21 10:27
Acenaphthylene	7.98	Peak assignment corrected	limmere	10/06/21 10:27
Indeno[1,2,3-cd]pyrene	14.30	Baseline	limmere	10/06/21 10:28
Dibenz(a,h)anthracene	14.34	Baseline	limmere	10/06/21 10:28

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: SEA101 Analysis Batch Number: 369708

Lab Sample ID: STD10 580-369708/7 IC Client Sample ID:

Date Analyzed: 10/05/21 19:25 Lab File ID: 100521a022.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acenaphthylene	7.98	Peak assignment corrected	limmere	10/06/21 10:28
Indeno[1,2,3-cd]pyrene	14.31	Baseline	limmere	10/06/21 10:28
Dibenz(a,h)anthracene	14.34	Baseline	limmere	10/06/21 10:29

Lab Sample ID: STD9IS 580-369708/8 ICI Client Sample ID:

Date Analyzed: 10/05/21 19:49 Lab File ID: 100521a023.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acenaphthylene	7.98	Peak assignment corrected	limmere	10/06/21 10:29
Indeno[1,2,3-cd]pyrene	14.31	Baseline	limmere	10/06/21 10:30
Dibenz(a,h)anthracene	14.34	Baseline	limmere	10/06/21 10:30

Lab Sample ID: STD8 580-369708/9 IC Client Sample ID:

Date Analyzed: 10/05/21 20:14 Lab File ID: 100521a024.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-methylnaphthalene-d10	7.22	Baseline	limmere	10/06/21 10:31
2-Fluorobiphenyl	7.56	Baseline	limmere	10/06/21 10:31
Acenaphthylene	7.98	Baseline	limmere	10/06/21 10:31
Pentachlorophenol	9.19	Baseline	limmere	10/06/21 11:41
Indeno[1,2,3-cd]pyrene	14.32	Baseline	limmere	10/06/21 10:32
Dibenz(a,h)anthracene	14.35	Baseline	limmere	10/06/21 10:32

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: SEA101 Analysis Batch Number: 369708

Lab Sample ID: STD7 580-369708/10 IC Client Sample ID:

Date Analyzed: 10/05/21 20:38 Lab File ID: 100521a025.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Fluorobiphenyl	7.57	Baseline	limmere	10/06/21 10:32
Acenaphthylene	7.99	Baseline	limmere	10/06/21 10:33
Pentachlorophenol	9.20	Baseline	limmere	10/06/21 11:41
Indeno[1,2,3-cd]pyrene	14.33	Baseline	limmere	10/06/21 10:33
Dibenz(a,h)anthracene	14.37	Baseline	limmere	10/06/21 10:33

Lab Sample ID: STD6 580-369708/11 IC Client Sample ID:

Date Analyzed: 10/05/21 21:03 Lab File ID: 100521a026.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-methylnaphthalene-d10	7.25	Baseline	limmere	10/06/21 10:34
2-Fluorobiphenyl	7.59	Baseline	limmere	10/06/21 10:34
2,4,6-Tribromophenol (Surr)	8.79	Baseline	limmere	10/06/21 10:34
Pentachlorophenol	9.22	Baseline	limmere	10/06/21 11:41
Anthracene	9.40	Baseline	limmere	10/06/21 10:34
Benzo[a]anthracene	11.51	Baseline	limmere	10/06/21 11:49
Chrysene	11.54	Baseline	limmere	10/06/21 10:34
Benzo[k]fluoranthene	12.63	Baseline	limmere	10/06/21 10:34
Indeno[1,2,3-cd]pyrene	14.35	Baseline	limmere	10/06/21 10:35
Dibenz(a,h)anthracene	14.38	Baseline	limmere	10/06/21 10:35

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: SEA101 Analysis Batch Number: 369708

Lab Sample ID: STD5 580-369708/12 IC Client Sample ID:

Date Analyzed: 10/05/21 21:27 Lab File ID: 100521a027.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Naphthalene	6.67	Baseline	limmere	10/06/21 10:36
2-methylnaphthalene-d10	7.28	Baseline	limmere	10/06/21 10:35
2-Methylnaphthalene	7.31	Baseline	limmere	10/06/21 10:36
1-Methylnaphthalene	7.36	Baseline	limmere	10/06/21 11:31
2-Fluorobiphenyl	7.62	Baseline	limmere	10/06/21 10:35
2,4,6-Tribromophenol (Surr)	8.82	Baseline	limmere	10/06/21 10:35
Pentachlorophenol	9.26	Baseline	limmere	10/06/21 11:40
Phenanthrene	9.36	Baseline	limmere	10/06/21 10:36
Anthracene	9.41	Baseline	limmere	10/06/21 10:37
Fluoranthene-d10 (Surr)	10.31	Baseline	limmere	10/06/21 10:36
Fluoranthene	10.33	Baseline	limmere	10/06/21 10:37
Terphenyl-d14	10.65	Baseline	limmere	10/06/21 10:36
Benzo[a]anthracene	11.53	Baseline	limmere	10/06/21 11:48
Chrysene	11.55	Baseline	limmere	10/06/21 10:37
Benzo[b]fluoranthene	12.61	Baseline	limmere	10/06/21 10:38
Benzo[k]fluoranthene	12.64	Baseline	limmere	10/06/21 10:38
Benzo[a]pyrene	12.98	Baseline	limmere	10/06/21 10:38
Indeno[1,2,3-cd]pyrene	14.38	Baseline	limmere	10/06/21 10:38
Dibenz(a,h)anthracene	14.40	Baseline	limmere	10/06/21 10:38
Benzo[g,h,i]perylene	14.68	Baseline	limmere	10/06/21 10:39

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: SEA101 Analysis Batch Number: 369708

Lab Sample ID: STD4 580-369708/13 IC Client Sample ID:

Date Analyzed: 10/05/21 21:51 Lab File ID: 100521a028.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dichlorobenzene-d4	5.55	Baseline	limmere	10/06/21 10:39
Naphthalene	6.68	Baseline	limmere	10/06/21 11:21
2-methylnaphthalene-d10	7.30	Baseline	limmere	10/06/21 10:39
2-Methylnaphthalene	7.36	Baseline	limmere	10/06/21 10:40
1-Methylnaphthalene	7.38	Baseline	limmere	10/06/21 11:35
2-Fluorobiphenyl	7.64	Baseline	limmere	10/06/21 10:40
Acenaphthene	8.14	Baseline	limmere	10/06/21 10:40
Fluorene	8.60	Baseline	limmere	10/06/21 10:40
2,4,6-Tribromophenol (Surr)	8.82	Baseline	limmere	10/06/21 10:40
Pentachlorophenol	9.30	Baseline	limmere	10/06/21 10:41
Phenanthrene-d10	9.35	Baseline	limmere	10/06/21 10:39
Phenanthrene	9.36	Baseline	limmere	10/06/21 10:41
Anthracene	9.43	Baseline	limmere	10/06/21 10:41
Fluoranthene-d10 (Surr)	10.33	Baseline	limmere	10/06/21 10:40
Pyrene	10.52	Baseline	limmere	10/06/21 10:41
Terphenyl-d14	10.66	Baseline	limmere	10/06/21 10:40
Benzo[a]anthracene	11.55	Baseline	limmere	10/06/21 11:47
Chrysene	11.55	Baseline	limmere	10/06/21 10:41
Benzo[b]fluoranthene	12.62	Baseline	limmere	10/06/21 10:42
Benzo[k]fluoranthene	12.65	Baseline	limmere	10/06/21 10:42
Benzo[a]pyrene	12.99	Baseline	limmere	10/06/21 10:42
Indeno[1,2,3-cd]pyrene	14.38	Baseline	limmere	10/06/21 10:42
Dibenz(a,h)anthracene	14.41	Baseline	limmere	10/06/21 10:42
Benzo[g,h,i]perylene	14.70	Baseline	limmere	10/06/21 10:43

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: SEA101 Analysis Batch Number: 369708

Lab Sample ID: STD3 580-369708/14 IC Client Sample ID:

Date Analyzed: 10/05/21 22:15 Lab File ID: 100521a029.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dichlorobenzene-d4	5.55	Baseline	limmere	10/06/21 10:43
Naphthalene	6.68	Baseline	limmere	10/06/21 11:21
2-methylnaphthalene-d10	7.33	Baseline	limmere	10/06/21 10:43
2-Methylnaphthalene	7.38	Baseline	limmere	10/06/21 11:25
1-Methylnaphthalene	7.40	Baseline	limmere	10/06/21 11:30
2-Fluorobiphenyl	7.64	Baseline	limmere	10/06/21 10:43
Acenaphthylene	8.02	Baseline	limmere	10/06/21 10:45
Acenaphthene	8.15	Baseline	limmere	10/06/21 10:45
Fluorene	8.61	Baseline	limmere	10/06/21 10:45
2,4,6-Tribromophenol (Surr)	8.85	Baseline	limmere	10/06/21 10:44
Phenanthrene	9.37	Baseline	limmere	10/06/21 10:45
Anthracene	9.45	Baseline	limmere	10/06/21 10:45
Pentachlorophenol		Invalid Compound ID	boylea	10/22/21 02:21
Fluoranthene-d10 (Surr)	10.34	Baseline	limmere	10/06/21 10:44
Fluoranthene	10.35	Baseline	limmere	10/06/21 10:45
Pyrene	10.53	Baseline	limmere	10/06/21 10:45
Terphenyl-d14	10.67	Baseline	limmere	10/06/21 10:44
Benzo[a]anthracene	11.55	Baseline	limmere	10/06/21 11:46
Chrysene	11.56	Baseline	limmere	10/06/21 10:46
Benzo[b]fluoranthene	12.63	Baseline	limmere	10/06/21 10:46
Benzo[k]fluoranthene	12.66	Baseline	limmere	10/06/21 10:46
Benzo[a]pyrene	13.01	Baseline	limmere	10/06/21 10:46
Indeno[1,2,3-cd]pyrene	14.41	Baseline	limmere	10/06/21 11:54
Dibenz(a,h)anthracene	14.43	Baseline	limmere	10/06/21 10:46
Benzo[g,h,i]perylene	14.71	Baseline	limmere	10/06/21 10:46

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: SEA101 Analysis Batch Number: 369708

Lab Sample ID: STD2 580-369708/15 IC Client Sample ID:

Date Analyzed: 10/05/21 22:40 Lab File ID: 100521a030.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Naphthalene	6.68	Baseline	limmere	10/06/21 10:47
2-methylnaphthalene-d10	7.35	Baseline	limmere	10/06/21 10:47
2-Methylnaphthalene	7.39	Baseline	limmere	10/06/21 11:24
1-Methylnaphthalene	7.41	Baseline	limmere	10/06/21 11:29
2-Fluorobiphenyl	7.66	Baseline	limmere	10/06/21 10:47
Acenaphthylene	8.02	Baseline	limmere	10/06/21 10:48
Acenaphthene	8.15	Baseline	limmere	10/06/21 10:48
Fluorene	8.62	Baseline	limmere	10/06/21 10:48
2,4,6-Tribromophenol (Surr)	8.86	Baseline	limmere	10/06/21 10:47
Phenanthrene	9.38	Baseline	limmere	10/06/21 10:48
Anthracene	9.46	Baseline	limmere	10/06/21 10:48
Pentachlorophenol		Invalid Compound ID	boylea	10/22/21 02:21
Fluoranthene-d10 (Surr)	10.35	Baseline	limmere	10/06/21 10:47
Fluoranthene	10.36	Baseline	limmere	10/06/21 10:48
Pyrene	10.54	Baseline	limmere	10/06/21 10:48
Terphenyl-d14	10.67	Baseline	limmere	10/06/21 10:47
Benzo[a]anthracene	11.54	Baseline	limmere	10/06/21 10:49
Chrysene	11.56	Baseline	limmere	10/06/21 10:49
Benzo[b]fluoranthene	12.63	Baseline	limmere	10/06/21 10:49
Benzo[k]fluoranthene	12.67	Baseline	limmere	10/06/21 10:49
Benzo[a]pyrene	13.01	Baseline	limmere	10/06/21 10:49
Indeno[1,2,3-cd]pyrene	14.43	Baseline	limmere	10/06/21 11:54
Dibenz(a,h)anthracene	14.46	Baseline	limmere	10/06/21 10:50
Benzo[g,h,i]perylene	14.73	Baseline	limmere	10/06/21 10:50

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: SEA101 Analysis Batch Number: 369708

Lab Sample ID: STD1 580-369708/16 IC Client Sample ID:

Date Analyzed: 10/05/21 23:04 Lab File ID: 100521a031.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Naphthalene	6.69	Baseline	limmere	10/06/21 10:51
1-Methylnaphthalene	7.40	Baseline	limmere	10/06/21 10:51
Acenaphthylene	8.03	Baseline	limmere	10/06/21 10:51
Acenaphthene	8.15	Baseline	limmere	10/06/21 10:51
Fluorene	8.63	Baseline	limmere	10/06/21 10:51
Phenanthrene	9.38	Baseline	limmere	10/06/21 10:52
Anthracene	9.44	Baseline	limmere	10/06/21 10:53
2,4,6-Tribromophenol (Surr)		Invalid Compound ID	boylea	10/22/21 02:09
2-Fluorobiphenyl		Invalid Compound ID	boylea	10/22/21 02:07
2-Methylnaphthalene		Invalid Compound ID	boylea	10/22/21 02:15
2-methylnaphthalene-d10		Invalid Compound ID	boylea	10/22/21 02:06
Pentachlorophenol		Invalid Compound ID	boylea	10/22/21 02:21
Fluoranthene-d10 (Surr)	10.35	Baseline	limmere	10/06/21 10:51
Fluoranthene	10.36	Baseline	limmere	10/06/21 10:51
Pyrene	10.54	Baseline	limmere	10/06/21 10:52
Terphenyl-d14	10.68	Baseline	limmere	10/06/21 10:51
Benzo[a]anthracene	11.54	Baseline	limmere	10/06/21 10:52
Chrysene	11.56	Baseline	limmere	10/06/21 10:52
Benzo[b]fluoranthene	12.63	Baseline	limmere	10/06/21 10:52
Benzo[k]fluoranthene	12.67	Baseline	limmere	10/06/21 10:53
Benzo[a]pyrene	13.03	Baseline	limmere	10/06/21 10:53
Indeno[1,2,3-cd]pyrene	14.44	Baseline	limmere	10/06/21 10:53
Dibenz(a,h)anthracene	14.46	Baseline	limmere	10/06/21 10:54
Benzo[g,h,i]perylene	14.74	Baseline	limmere	10/06/21 10:57

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: SEA101 Analysis Batch Number: 369708

Lab Sample ID: ICV 580-369708/18 Client Sample ID:

Date Analyzed: 10/05/21 23:52 Lab File ID: 100521a033.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acenaphthylene	7.98	Peak assignment corrected	limmere	10/06/21 11:56
Indeno[1,2,3-cd]pyrene	14.31	Baseline	limmere	10/06/21 11:56
Dibenz(a,h)anthracene	14.34	Baseline	limmere	10/06/21 11:56

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: SEA101 Analysis Batch Number: 383722

Lab Sample ID: CCVIS 580-383722/3 Client Sample ID:

Date Analyzed: 03/14/22 13:59 Lab File ID: 031422a010.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Fluorobiphenyl	7.49	Baseline	jantanuc	03/15/22 09:25
Pentachlorophenol	9.12	Assign Peak	jantanuc	03/15/22 09:49
Indeno[1,2,3-cd]pyrene	14.19	Assign Peak	jantanuc	03/15/22 09:50
Dibenz(a,h)anthracene	14.22	Baseline	jantanuc	03/15/22 09:26

Lab Sample ID: MB 580-383558/1-A Client Sample ID:

Date Analyzed: 03/14/22 15:17 Lab File ID: 031422a013.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Naphthalene	6.61	Baseline	jantanuc	03/15/22 09:28
2-Methylnaphthalene	7.19	Baseline	jantanuc	03/15/22 09:28
1-Methylnaphthalene	7.27	Baseline	jantanuc	03/15/22 09:29
Acenaphthylene	7.95	Baseline	jantanuc	03/15/22 09:29
Acenaphthene	8.07	Baseline	jantanuc	03/15/22 09:29
Fluorene	8.51	Baseline	jantanuc	03/15/22 09:29
Anthracene	9.33	Baseline	jantanuc	03/15/22 09:29
Benzo[b]fluoranthene		Invalid Compound ID	jantanuc	03/15/22 09:30
Fluoranthene	10.24	Baseline	jantanuc	03/15/22 09:29
Pyrene	10.43	Baseline	jantanuc	03/15/22 09:29

Lab Sample ID: LCS 580-383558/2-A Client Sample ID:

Date Analyzed: 03/14/22 15:41 Lab File ID: 031422a014.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dibenz(a,h)anthracene	14.21	Peak assignment corrected	jantanuc	03/15/22 09:30

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: SEA101 Analysis Batch Number: 383722

Lab Sample ID: LCSD 580-383558/3-A Client Sample ID:

Date Analyzed: 03/14/22 16:06 Lab File ID: 031422a015.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dibenz(a,h)anthracene	14.21	Peak assignment corrected	jantanuc	03/15/22 09:31

Lab Sample ID: 580-111087-1 Client Sample ID: ERH2672 (RHMW10)

Date Analyzed: 03/14/22 21:46 Lab File ID: 031422a029.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1-Methylnaphthalene	7.26	Assign Peak	jantanuc	03/15/22 13:11
Acenaphthylene	7.92	Assign Peak	jantanuc	03/15/22 13:11
Benzo[k]fluoranthene		Invalid Compound ID	jantanuc	03/15/22 13:12
Fluorene		Invalid Compound ID	jantanuc	03/15/22 13:11
Naphthalene		Invalid Compound ID	jantanuc	03/15/22 13:11
Phenanthrene		Invalid Compound ID	jantanuc	03/15/22 13:11
Benzo[a]anthracene	11.42	Assign Peak	jantanuc	03/15/22 13:12
Chrysene	11.45	Assign Peak	jantanuc	03/15/22 13:12
Perylene-d12	12.92	Assign Peak	jantanuc	03/15/22 13:10

Lab Sample ID: 580-111087-2 Client Sample ID: ERH2670 (RHMW19)

Date Analyzed: 03/14/22 22:11 Lab File ID: 031422a030.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Phenanthrene	9.28	Baseline	jantanuc	03/15/22 13:31
Benzo[b]fluoranthene		Invalid Compound ID	jantanuc	03/15/22 13:31

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: SEA101 Analysis Batch Number: 383722

Lab Sample ID: CCVC 580-383722/28 Client Sample ID:

Date Analyzed: 03/15/22 00:11 Lab File ID: 031422a035.D GC Column: ZB-SV ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Fluorobiphenyl	7.49	Assign Peak	jantanuc	03/15/22 16:14
Pentachlorophenol	9.12	Assign Peak	jantanuc	03/15/22 16:14
Indeno[1,2,3-cd]pyrene	14.19	Assign Peak	jantanuc	03/15/22 16:14
Dibenz(a,h)anthracene	14.22	Assign Peak	jantanuc	03/15/22 16:14

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
8270_ic_stk_00062	03/31/22	09/15/21	DCM, Lot DCM CT#211	10 mL	2356TCP_00004	1 mL	2,3,5,6-Tetrachlorophenol	100 ug/mL
					8270Mega_1stk_00016	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzofluoranthene	200 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							m+p-Cresol	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							o-Cresol	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	200 ug/mL
					8270S#10_1stk_00016	1 mL	Benzoic acid	200 ug/mL
					8270S#11_1stk_00011	500 uL	Atrazine	100 ug/mL
					8270S#9_1stk_00015	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					8270SSstkPhen_00004	0.2 mL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-methylnaphthalene-d10	100 ug/mL
							Fluoranthene-d10 (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14	100 ug/mL
.2356TCP_00004	03/10/24	SPEX CertiPrep, Lot AA210304019			(Purchased Reagent)		2,3,5,6-Tetrachlorophenol	1000 ug/mL
.8270Mega_1stk_00016	03/31/22	Restek, Lot A0164427			(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzofluoranthene	2000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							m+p-Cresol	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							o-Cresol	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
.8270S#10_1stk_00016	03/31/22		Restek, Lot A0164214		(Purchased Reagent)		Benzoic acid	2000 ug/mL
.8270S#11_1stk_00011	03/31/22		Restek, Lot A0164387		(Purchased Reagent)		Atrazine	2000 ug/mL
.8270S#9_1stk_00015	07/31/22		Restek, Lot A0167791		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
.8270SSstkPhen_00004	08/31/23		Phenova, Lot CL12771		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							2-methylnaphthalene-d10	5000 ug/mL
							Fluoranthene-d10 (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14	5000 ug/mL
8270ccv1_50_00037	06/07/22	08/14/21	DCM, Lot 266183	10 mL	8270_ic_stk_00060	5 uL	1-Methylnaphthalene	50 ug/L
							2-Methylnaphthalene	50 ug/L
							Acenaphthene	50 ug/L
							Acenaphthylene	50 ug/L
							Anthracene	50 ug/L
							Benzo[a]anthracene	50 ug/L
							Benzo[a]pyrene	50 ug/L
							Benzo[b]fluoranthene	50 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[g,h,i]perylene	50 ug/L
							Benzo[k]fluoranthene	50 ug/L
							Chrysene	50 ug/L
							Dibenz(a,h)anthracene	50 ug/L
							Fluoranthene	50 ug/L
							Fluorene	50 ug/L
							Indeno[1,2,3-cd]pyrene	50 ug/L
							Naphthalene	50 ug/L
							Pentachlorophenol	100 ug/L
							Phenanthrene	50 ug/L
							Pyrene	50 ug/L
							2,4,6-Tribromophenol (Surr)	50 ug/L
							2-Fluorobiphenyl	50 ug/L
							2-methylnaphthalene-d10	50 ug/L
							Fluoranthene-d10 (Surr)	50 ug/L
							Terphenyl-d14	50 ug/L
					8270SIM_IS_00067	100 uL	1,4-Dichlorobenzene-d4	100 ug/L
							Acenaphthene-d10	100 ug/L
							Chrysene-d12	100 ug/L
							Naphthalene-d8	100 ug/L
							Perylene-d12	100 ug/L
							Phenanthrene-d10	100 ug/L
.8270_ic_stk_00060	06/07/22	06/07/21	DCM, Lot DCM CT#211	10 mL	8270Mega_1stk_00016	1 mL	1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					8270SSstkPhen_00004	0.2 mL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl	100 ug/mL
							2-methylnaphthalene-d10	100 ug/mL
							Fluoranthene-d10 (Surr)	100 ug/mL
							Terphenyl-d14	100 ug/mL
..8270Mega_1stk_00016	03/31/22		Restek, Lot A0164427		(Purchased Reagent)		1-Methylnaphthalene	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Chrysene	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Naphthalene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Pyrene	1000 ug/mL
..8270SSstkPhen_00004	08/31/23		Phenova, Lot CL12771		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-methylnaphthalene-d10	5000 ug/mL
							Fluoranthene-d10 (Surr)	5000 ug/mL
							Terphenyl-d14	5000 ug/mL
.8270SIM_IS_00067	06/07/22	06/07/21	DCM, Lot CT#211	50 mL	8270ISstk_00007	250 uL	1,4-Dichlorobenzene-d4	10 ug/mL
							Acenaphthene-d10	10 ug/mL
							Chrysene-d12	10 ug/mL
							Naphthalene-d8	10 ug/mL
							Perylene-d12	10 ug/mL
							Phenanthrene-d10	10 ug/mL
..8270ISstk_00007	09/30/24		Restek, Lot A0153348		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
8270ccv1_50_00039	03/31/22	11/09/21	DCM, Lot 266183	10 mL	8270_ic_stk_00062	5 uL	2,3,5,6-Tetrachlorophenol	50 ug/L
							1,1'-Biphenyl	50 ug/L
							1,2,4,5-Tetrachlorobenzene	50 ug/L
							1,2,4-Trichlorobenzene	50 ug/L
							1,2-Dichlorobenzene	50 ug/L
							1,3-Dichlorobenzene	50 ug/L
							1,3-Dinitrobenzene	50 ug/L
							1,4-Dichlorobenzene	50 ug/L
							1-Methylnaphthalene	50 ug/L
							2,3,4,6-Tetrachlorophenol	50 ug/L
							2,4,5-Trichlorophenol	50 ug/L
							2,4,6-Trichlorophenol	50 ug/L
							2,4-Dichlorophenol	50 ug/L

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dimethylphenol	50 ug/L
							2,4-Dinitrophenol	100 ug/L
							2,4-Dinitrotoluene	50 ug/L
							2,6-Dichlorophenol	50 ug/L
							2,6-Dinitrotoluene	50 ug/L
							2-Chloronaphthalene	50 ug/L
							2-Chlorophenol	50 ug/L
							2-Methylnaphthalene	50 ug/L
							2-Nitroaniline	50 ug/L
							2-Nitrophenol	50 ug/L
							3-Nitroaniline	50 ug/L
							4,6-Dinitro-2-methylphenol	100 ug/L
							4-Bromophenyl phenyl ether	50 ug/L
							4-Chloro-3-methylphenol	50 ug/L
							4-Chloroaniline	50 ug/L
							4-Chlorophenyl phenyl ether	50 ug/L
							4-Nitroaniline	50 ug/L
							4-Nitrophenol	100 ug/L
							Acenaphthene	50 ug/L
							Acenaphthylene	50 ug/L
							Acetophenone	50 ug/L
							Aniline	50 ug/L
							Anthracene	50 ug/L
							Azobenzene	50 ug/L
							Benzo[a]anthracene	50 ug/L
							Benzo[a]pyrene	50 ug/L
							Benzo[b]fluoranthene	50 ug/L
							Benzo[g,h,i]perylene	50 ug/L
							Benzo[k]fluoranthene	50 ug/L
							Benzofluoranthene	100 ug/L
							Benzyl alcohol	50 ug/L
							bis (2-chloroisopropyl) ether	50 ug/L
							Bis(2-chloroethoxy)methane	50 ug/L
							Bis(2-chloroethyl)ether	50 ug/L
							Bis(2-ethylhexyl) phthalate	50 ug/L
							Butyl benzyl phthalate	50 ug/L
							Carbazole	50 ug/L
							Chrysene	50 ug/L
							Di-n-butyl phthalate	50 ug/L
							Di-n-octyl phthalate	50 ug/L
							Dibenz(a,h)anthracene	50 ug/L
							Dibenzofuran	50 ug/L
							Diethyl phthalate	50 ug/L
							Dimethyl phthalate	50 ug/L
							Fluoranthene	50 ug/L
							Fluorene	50 ug/L
							Hexachlorobenzene	50 ug/L
							Hexachlorobutadiene	50 ug/L

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorocyclopentadiene	50 ug/L
							Hexachloroethane	50 ug/L
							Indeno[1,2,3-cd]pyrene	50 ug/L
							Isophorone	50 ug/L
							m+p-Cresol	50 ug/L
							n-Decane	50 ug/L
							N-Nitrosodi-n-propylamine	50 ug/L
							N-Nitrosodimethylamine	50 ug/L
							N-Nitrosodiphenylamine	50 ug/L
							n-Octadecane	50 ug/L
							Naphthalene	50 ug/L
							Nitrobenzene	50 ug/L
							o-Cresol	50 ug/L
							Pentachlorophenol	100 ug/L
							Phenanthrene	50 ug/L
							Phenol	50 ug/L
							Pyrene	50 ug/L
							Pyridine	100 ug/L
							Benzoic acid	100 ug/L
							Atrazine	50 ug/L
							3,3'-Dichlorobenzidine	100 ug/L
							Benzidine	100 ug/L
							2,4,6-Tribromophenol (Surr)	50 ug/L
							2-Fluorobiphenyl	50 ug/L
							2-Fluorophenol (Surr)	50 ug/L
							Nitrobenzene-d5 (Surr)	50 ug/L
							Phenol-d5 (Surr)	50 ug/L
							Terphenyl-d14	50 ug/L
					8270SIM_IS_00067	100 uL	1,4-Dichlorobenzene-d4	100 ug/L
							Acenaphthene-d10	100 ug/L
							Chrysene-d12	100 ug/L
							Naphthalene-d8	100 ug/L
							Perylene-d12	100 ug/L
							Phenanthrene-d10	100 ug/L
.8270_ic_stk_00062	03/31/22	09/15/21	DCM, Lot DCM CT#211	10 mL	2356TCP_00004	1 mL	2,3,5,6-Tetrachlorophenol	100 ug/mL
					8270Mega_1stk_00016	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzofluoranthene	200 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachloroethane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							m+p-Cresol	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							o-Cresol	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	200 ug/mL
					8270S#10_1stk_00016	1 mL	Benzoic acid	200 ug/mL
					8270S#11_1stk_00011	500 uL	Atrazine	100 ug/mL
					8270S#9_1stk_00015	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					8270SSstkPhen_00004	0.2 mL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14	100 ug/mL
..2356TCP_00004	03/10/24	SPEX CertiPrep, Lot AA210304019			(Purchased Reagent)		2,3,5,6-Tetrachlorophenol	1000 ug/mL
..8270Mega_1stk_00016	03/31/22	Restek, Lot A0164427			(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzofluoranthene	2000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							m+p-Cresol	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							o-Cresol	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
..8270S#10_1stk_00016	03/31/22		Restek, Lot A0164214		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..8270S#11_1stk_00011	03/31/22		Restek, Lot A0164387		(Purchased Reagent)		Atrazine	2000 ug/mL
..8270S#9_1stk_00015	07/31/22		Restek, Lot A0167791		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..8270SSstkPhen_00004	08/31/23		Phenova, Lot CL12771		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14	5000 ug/mL
.8270SIM_IS_00067	06/07/22	06/07/21	DCM, Lot CT#211	50 mL	8270ISstk_00007	250 uL	1,4-Dichlorobenzene-d4	10 ug/mL
							Acenaphthene-d10	10 ug/mL
							Chrysene-d12	10 ug/mL
							Naphthalene-d8	10 ug/mL
							Perylene-d12	10 ug/mL
							Phenanthrene-d10	10 ug/mL
..8270ISstk_00007	09/30/24		Restek, Lot A0153348		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
8270flspk_00296	11/30/22	03/04/22	Acetone/DCM, Lot 236884/MeCl_CT201	50 mL	2356TCP_00005	1 mL	2,3,5,6-Tetrachlorophenol	20 ug/mL
					8270Mega_1stk_00018	1 mL	1,1'-Biphenyl	20 ug/mL
							1,2,4,5-Tetrachlorobenzene	20 ug/mL
							1,2,4-Trichlorobenzene	20 ug/mL
							1,2-Dichlorobenzene	20 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							1,3-Dinitrobenzene	20 ug/mL
							1,4-Dichlorobenzene	20 ug/mL
							1,4-Dioxane	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2,3,4,6-Tetrachlorophenol	20 ug/mL
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrophenol	40 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dichlorophenol	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Chlorophenol	20 ug/mL
							2-Methylnaphthalene	20 ug/mL
							2-Nitroaniline	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3-Nitroaniline	20 ug/mL
							4,6-Dinitro-2-methylphenol	40 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Chloroaniline	20 ug/mL
							4-Chlorophenyl phenyl ether	20 ug/mL
							4-Nitroaniline	20 ug/mL
							4-Nitrophenol	40 ug/mL
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Acetophenone	20 ug/mL
							Aniline	20 ug/mL
							Anthracene	20 ug/mL
							Azobenzene	20 ug/mL
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL
							Benzo[k]fluoranthene	20 ug/mL
							Benzofluoranthene	40 ug/mL
							Benzyl alcohol	20 ug/mL
							bis (2-chloroisopropyl) ether	20 ug/mL
							Bis(2-chloroethoxy)methane	20 ug/mL
							Bis(2-chloroethyl)ether	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Diphenylamine	17 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Hexadecane	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							m+p-Cresol	20 ug/mL
							n-Decane	20 ug/mL
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20 ug/mL
							N-Nitrosodiphenylamine	20 ug/mL
							n-Octadecane	20 ug/mL
							Naphthalene	20 ug/mL
							Nitrobenzene	20 ug/mL
							o-Cresol	20 ug/mL
							Pentachlorophenol	40 ug/mL
							Phenanthrene	20 ug/mL
							Phenol	20 ug/mL
							Pyrene	20 ug/mL
							Pyridine	40 ug/mL
					8270S#10_1stk_00018	1 mL	Benzoic acid	40 ug/mL
							Indene	40 ug/mL
					8270S#11_1stk_00013	1 mL	Atrazine	40 ug/mL
							Benzaldehyde	40 ug/mL
							Caprolactam	40 ug/mL
					8270S#9_1stk_00017	1 mL	3,3'-Dichlorobenzidine	40 ug/mL
							Benzidine	40 ug/mL
.2356TCP_00005	11/01/24	SPEX CertiPrep, Lot AA210304019			(Purchased Reagent)		2,3,5,6-Tetrachlorophenol	1000 ug/mL
.8270Mega_1stk_00018	02/28/23	Restek, Lot A0175066			(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzofluoranthene	2000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Diphenylamine	850 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							m+p-Cresol	1000 ug/mL
							n-Decane	1000 ug/mL

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							o-Cresol	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
.8270S#10_1stk_00018	12/31/22		Restek, Lot A0173787		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
.8270S#11_1stk_00013	11/30/22		Restek, Lot A0172244		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
.8270S#9_1stk_00017	02/28/23		Restek, Lot A0175898		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
8270SIM_IS_00066	12/15/21	12/15/20	DCM, Lot CT#169	50 mL	8270ISstk_00007	250 uL	1,4-Dichlorobenzene-d4	10 ug/mL
							Acenaphthene-d10	10 ug/mL
							Chrysene-d12	10 ug/mL
							Naphthalene-d8	10 ug/mL
							Perylene-d12	10 ug/mL
							Phenanthrene-d10	10 ug/mL
.8270ISstk_00007	09/30/24		Restek, Lot A0153348		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
8270SIM_IS_00069	08/24/22	09/25/21	DCM, Lot CT#215	50 mL	8270ISstk_00007	250 uL	1,4-Dichlorobenzene-d4	10 ug/mL
							Acenaphthene-d10	10 ug/mL
							Chrysene-d12	10 ug/mL
							Naphthalene-d8	10 ug/mL
							Perylene-d12	10 ug/mL
							Phenanthrene-d10	10 ug/mL
.8270ISstk_00007	09/30/24		Restek, Lot A0153348		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
8270waterSurr_00118	12/29/22	02/24/22	Acetone/DCM, Lot 285502/CT#235	50 mL	8270Surr_Phen_00015	10 mL	1,4-Dioxane-d8	100 ug/mL
							2,4,6-Tribromophenol (Surr)	20 ug/mL
							2-Fluorobiphenyl	20 ug/mL

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Fluorophenol (Surr)	20 ug/mL
							2-methylnaphthalene-d10	20 ug/mL
							Fluoranthene-d10 (Surr)	20 ug/mL
							Nitrobenzene-d5 (Surr)	20 ug/mL
							Phenol-d5 (Surr)	20 ug/mL
							Terphenyl-d14	20 ug/mL
.8270Surr_Phen_00015	01/31/26		Phenova, Lot CL16338		(Purchased Reagent)		1,4-Dioxane-d8	500 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-methylnaphthalene-d10	100 ug/mL
							Fluoranthene-d10 (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14	100 ug/mL
ccv_8270_1000_00057	03/31/22	09/15/21	DCM, Lot MeCl2_CT_00211	10 mL	8270_ic_stk_00062	100 uL	2,3,5,6-Tetrachlorophenol	1000 ug/L
							1,1'-Biphenyl	1000 ug/L
							1,2,4,5-Tetrachlorobenzene	1000 ug/L
							1,2,4-Trichlorobenzene	1000 ug/L
							1,2-Dichlorobenzene	1000 ug/L
							1,3-Dichlorobenzene	1000 ug/L
							1,3-Dinitrobenzene	1000 ug/L
							1,4-Dichlorobenzene	1000 ug/L
							1-Methylnaphthalene	1000 ug/L
							2,3,4,6-Tetrachlorophenol	1000 ug/L
							2,4,5-Trichlorophenol	1000 ug/L
							2,4,6-Trichlorophenol	1000 ug/L
							2,4-Dichlorophenol	1000 ug/L
							2,4-Dimethylphenol	1000 ug/L
							2,4-Dinitrophenol	2000 ug/L
							2,4-Dinitrotoluene	1000 ug/L
							2,6-Dichlorophenol	1000 ug/L
							2,6-Dinitrotoluene	1000 ug/L
							2-Chloronaphthalene	1000 ug/L
							2-Chlorophenol	1000 ug/L
							2-Methylnaphthalene	1000 ug/L
							2-Nitroaniline	1000 ug/L
							2-Nitrophenol	1000 ug/L
							3-Nitroaniline	1000 ug/L
							4,6-Dinitro-2-methylphenol	2000 ug/L
							4-Bromophenyl phenyl ether	1000 ug/L
							4-Chloro-3-methylphenol	1000 ug/L
							4-Chloroaniline	1000 ug/L
							4-Chlorophenyl phenyl ether	1000 ug/L
							4-Nitroaniline	1000 ug/L
							4-Nitrophenol	2000 ug/L
							Acenaphthene	1000 ug/L

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthylene	1000 ug/L
							Acetophenone	1000 ug/L
							Aniline	1000 ug/L
							Anthracene	1000 ug/L
							Azobenzene	1000 ug/L
							Benzo[a]anthracene	1000 ug/L
							Benzo[a]pyrene	1000 ug/L
							Benzo[b]fluoranthene	1000 ug/L
							Benzo[g,h,i]perylene	1000 ug/L
							Benzo[k]fluoranthene	1000 ug/L
							Benzofluoranthene	2000 ug/L
							Benzyl alcohol	1000 ug/L
							bis (2-chloroisopropyl) ether	1000 ug/L
							Bis(2-chloroethoxy)methane	1000 ug/L
							Bis(2-chloroethyl)ether	1000 ug/L
							Bis(2-ethylhexyl) phthalate	1000 ug/L
							Butyl benzyl phthalate	1000 ug/L
							Carbazole	1000 ug/L
							Chrysene	1000 ug/L
							Di-n-butyl phthalate	1000 ug/L
							Di-n-octyl phthalate	1000 ug/L
							Dibenz(a,h)anthracene	1000 ug/L
							Dibenzofuran	1000 ug/L
							Diethyl phthalate	1000 ug/L
							Dimethyl phthalate	1000 ug/L
							Fluoranthene	1000 ug/L
							Fluorene	1000 ug/L
							Hexachlorobenzene	1000 ug/L
							Hexachlorobutadiene	1000 ug/L
							Hexachlorocyclopentadiene	1000 ug/L
							Hexachloroethane	1000 ug/L
							Indeno[1,2,3-cd]pyrene	1000 ug/L
							Isophorone	1000 ug/L
							m+p-Cresol	1000 ug/L
							n-Decane	1000 ug/L
							N-Nitrosodi-n-propylamine	1000 ug/L
							N-Nitrosodimethylamine	1000 ug/L
							N-Nitrosodiphenylamine	1000 ug/L
							n-Octadecane	1000 ug/L
							Naphthalene	1000 ug/L
							Nitrobenzene	1000 ug/L
							o-Cresol	1000 ug/L
							Pentachlorophenol	2000 ug/L
							Phenanthrene	1000 ug/L
							Phenol	1000 ug/L
							Pyrene	1000 ug/L
							Pyridine	2000 ug/L
							Benzoic acid	2000 ug/L

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Atrazine	1000 ug/L
							3,3'-Dichlorobenzidine	2000 ug/L
							Benzidine	2000 ug/L
							2,4,6-Tribromophenol (Surr)	1000 ug/L
							2-Fluorobiphenyl	1000 ug/L
							2-Fluorophenol (Surr)	1000 ug/L
							2-methylnaphthalene-d10	1000 ug/L
							Fluoranthene-d10 (Surr)	1000 ug/L
							Nitrobenzene-d5 (Surr)	1000 ug/L
							Phenol-d5 (Surr)	1000 ug/L
							Terphenyl-d14	1000 ug/L
					8270SIM_IS_00068	100 uL	1,4-Dichlorobenzene-d4	100 ug/L
							Acenaphthene-d10	100 ug/L
							Chrysene-d12	100 ug/L
							Naphthalene-d8	100 ug/L
							Perylene-d12	100 ug/L
							Phenanthrene-d10	100 ug/L
.8270_ic_stk_00062	03/31/22	09/15/21	DCM, Lot DCM CT#211	10 mL	2356TCP_00004	1 mL	2,3,5,6-Tetrachlorophenol	100 ug/mL
					8270Mega_1stk_00016	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzofluoranthene	200 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							m+p-Cresol	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							o-Cresol	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					8270S#10_1stk_00016	1 mL	Benzoic acid	200 ug/mL
					8270S#11_1stk_00011	500 uL	Atrazine	100 ug/mL
					8270S#9_1stk_00015	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					8270SSstkPhen_00004	0.2 mL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-methylnaphthalene-d10	100 ug/mL
							Fluoranthene-d10 (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14	100 ug/mL
..2356TCP_00004	03/10/24	SPEX CertiPrep, Lot AA210304019			(Purchased Reagent)		2,3,5,6-Tetrachlorophenol	1000 ug/mL
..8270Mega_1stk_00016	03/31/22	Restek, Lot A0164427			(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzofluoranthene	2000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							m+p-Cresol	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							o-Cresol	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
..8270S#10_1stk_00016	03/31/22		Restek, Lot A0164214		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..8270S#11_1stk_00011	03/31/22		Restek, Lot A0164387		(Purchased Reagent)		Atrazine	2000 ug/mL
..8270S#9_1stk_00015	07/31/22		Restek, Lot A0167791		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..8270SSstkPhen_00004	08/31/23		Phenova, Lot CL12771		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							2-methylnaphthalene-d10	5000 ug/mL
							Fluoranthene-d10 (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14	5000 ug/mL
.8270SIM_IS_00068	08/24/22	08/24/21	DCM, Lot CT#215	50 mL	8270ISstk_00007	250 uL	1,4-Dichlorobenzene-d4	10 ug/mL
							Acenaphthene-d10	10 ug/mL
							Chrysene-d12	10 ug/mL
							Naphthalene-d8	10 ug/mL
							Perylene-d12	10 ug/mL
							Phenanthrene-d10	10 ug/mL
..8270ISstk_00007	09/30/24		Restek, Lot A0153348		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
ccv_SIM_500_00084	06/07/22	06/07/21	DCM, Lot MeCl2_CT_00211	10 mL	8270_ic_stk_00060	50 uL	1-Methylnaphthalene	500 ug/L
							2-Methylnaphthalene	500 ug/L
							Acenaphthene	500 ug/L
							Acenaphthylene	500 ug/L
							Anthracene	500 ug/L
							Benzo[a]anthracene	500 ug/L
							Benzo[a]pyrene	500 ug/L
							Benzo[b]fluoranthene	500 ug/L
							Benzo[g,h,i]perylene	500 ug/L
							Benzo[k]fluoranthene	500 ug/L
							Chrysene	500 ug/L
							Dibenz(a,h)anthracene	500 ug/L
							Fluoranthene	500 ug/L
							Fluorene	500 ug/L
							Indeno[1,2,3-cd]pyrene	500 ug/L
							Naphthalene	500 ug/L
							Pentachlorophenol	1000 ug/L
							Phenanthrene	500 ug/L
							Pyrene	500 ug/L
							2,4,6-Tribromophenol (Surr)	500 ug/L
							2-Fluorobiphenyl	500 ug/L
							2-methylnaphthalene-d10	500 ug/L
							Fluoranthene-d10 (Surr)	500 ug/L
							Terphenyl-d14	500 ug/L
					8270SIM_IS_00067	100 uL	1,4-Dichlorobenzene-d4	100 ug/L
							Acenaphthene-d10	100 ug/L
							Chrysene-d12	100 ug/L
							Naphthalene-d8	100 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perylene-d12	100 ug/L
							Phenanthrene-d10	100 ug/L
.8270_ic_stk_00060	06/07/22	06/07/21	DCM, Lot DCM CT#211	10 mL	8270Mega_1stk_00016	1 mL	1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					8270SSstkPhen_00004	0.2 mL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl	100 ug/mL
							2-methylnaphthalene-d10	100 ug/mL
							Fluoranthene-d10 (Surr)	100 ug/mL
							Terphenyl-d14	100 ug/mL
..8270Mega_1stk_00016	03/31/22		Restek, Lot A0164427		(Purchased Reagent)		1-Methylnaphthalene	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Chrysene	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Naphthalene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Pyrene	1000 ug/mL
..8270SSstkPhen_00004	08/31/23		Phenova, Lot CL12771		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-methylnaphthalene-d10	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Fluoranthene-d10 (Surr)	5000 ug/mL
							Terphenyl-d14	5000 ug/mL
.8270SIM_IS_00067	06/07/22	06/07/21	DCM, Lot CT#211	50 mL	8270ISstk_00007	250 uL	1,4-Dichlorobenzene-d4	10 ug/mL
							Acenaphthene-d10	10 ug/mL
							Chrysene-d12	10 ug/mL
							Naphthalene-d8	10 ug/mL
							Perylene-d12	10 ug/mL
							Phenanthrene-d10	10 ug/mL
..8270ISstk_00007	09/30/24	Restek, Lot A0153348			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
ccv_SIM_500_00086	03/31/22	11/09/21	DCM, Lot MeCl2_CT_00211	10 mL	8270SIM_IS_00069	100 uL	1,4-Dichlorobenzene-d4	100 ug/L
							Acenaphthene-d10	100 ug/L
							Chrysene-d12	100 ug/L
							Naphthalene-d8	100 ug/L
							Perylene-d12	100 ug/L
							Phenanthrene-d10	100 ug/L
.8270SIM_IS_00069	08/24/22	09/25/21	DCM, Lot CT#215	50 mL	8270ISstk_00007	250 uL	1,4-Dichlorobenzene-d4	10 ug/mL
							Acenaphthene-d10	10 ug/mL
							Chrysene-d12	10 ug/mL
							Naphthalene-d8	10 ug/mL
							Perylene-d12	10 ug/mL
							Phenanthrene-d10	10 ug/mL
..8270ISstk_00007	09/30/24	Restek, Lot A0153348			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
ccv_SIM_500_00086	03/31/22	11/09/21	DCM, Lot MeCl2_CT_00211	10 mL	8270_ic_stk_00062	50 uL	1-Methylnaphthalene	500 ug/L
							2-Methylnaphthalene	500 ug/L
							Acenaphthene	500 ug/L
							Acenaphthylene	500 ug/L
							Anthracene	500 ug/L
							Benzo[a]anthracene	500 ug/L
							Benzo[a]pyrene	500 ug/L
							Benzo[b]fluoranthene	500 ug/L
							Benzo[g,h,i]perylene	500 ug/L
							Benzo[k]fluoranthene	500 ug/L
							Chrysene	500 ug/L
							Dibenz(a,h)anthracene	500 ug/L
							Fluoranthene	500 ug/L
							Fluorene	500 ug/L
							Indeno[1,2,3-cd]pyrene	500 ug/L

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	500 ug/L
							Phenanthrene	500 ug/L
							Pyrene	500 ug/L
							2,4,6-Tribromophenol (Surr)	500 ug/L
							2-Fluorobiphenyl	500 ug/L
							2-methylnaphthalene-d10	500 ug/L
							Fluoranthene-d10 (Surr)	500 ug/L
							Terphenyl-d14	500 ug/L
.8270_ic_stk_00062	03/31/22	09/15/21	DCM, Lot DCM CT#211	10 mL	8270Mega_1stk_00016	1 mL	1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					8270SSstkPhen_00004	0.2 mL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl	100 ug/mL
							2-methylnaphthalene-d10	100 ug/mL
							Fluoranthene-d10 (Surr)	100 ug/mL
							Terphenyl-d14	100 ug/mL
..8270Mega_1stk_00016	03/31/22		Restek, Lot A0164427		(Purchased Reagent)		1-Methylnaphthalene	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Chrysene	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Naphthalene	1000 ug/mL
							Phenanthrene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyrene	1000 ug/mL
..8270SSstkPhen_00004	08/31/23		Phenova, Lot CL12771		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-methylnaphthalene-d10	5000 ug/mL
							Fluoranthene-d10 (Surr)	5000 ug/mL
							Terphenyl-d14	5000 ug/mL
DFTPPx2_00044							4,4'-DDD	
							4,4'-DDE	
							Tentatively Identified Compound	
							TPAH	
					DFTPPSTK_00014	200 uL	4,4'-DDT	20 ug/mL
							Benzidine_T	20 ug/mL
							DFTPP	20 ug/mL
							Pentachlorophenol_T	20 ug/mL
.DFTPPSTK_00014	08/31/22		Restek, Lot A0151587		(Purchased Reagent)		4,4'-DDT	1000 ug/mL
							Benzidine_T	1000 ug/mL
							DFTPP	1000 ug/mL
							Pentachlorophenol_T	1000 ug/mL
icv_8270_1000_00012	06/07/22	06/07/21	DCM, Lot CT_211	10 mL	8270SIM_IS_00067	100 uL	1,4-Dichlorobenzene-d4	100 ug/L
							Acenaphthene-d10	100 ug/L
							Chrysene-d12	100 ug/L
							Naphthalene-d8	100 ug/L
							Perylene-d12	100 ug/L
							Phenanthrene-d10	100 ug/L
.8270SIM_IS_00067	06/07/22	06/07/21	DCM, Lot CT#211	50 mL	8270ISstk_00007	250 uL	1,4-Dichlorobenzene-d4	10 ug/mL
							Acenaphthene-d10	10 ug/mL
							Chrysene-d12	10 ug/mL
							Naphthalene-d8	10 ug/mL
							Perylene-d12	10 ug/mL
							Phenanthrene-d10	10 ug/mL
..8270ISstk_00007	09/30/24		Restek, Lot A0153348		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
icv_8270_1000_00012	06/07/22	06/07/21	DCM, Lot CT_211	10 mL	8270_IC_STK_00061	100 uL	1,2,4-Trichlorobenzene	1000 ug/L
							1,2-Dichlorobenzene	1000 ug/L
							1,3-Dichlorobenzene	1000 ug/L
							1,4-Dichlorobenzene	1000 ug/L
							1-Methylnaphthalene	1000 ug/L
							2,4,5-Trichlorophenol	1000 ug/L
							2,4,6-Trichlorophenol	1000 ug/L
							2,4-Dichlorophenol	1000 ug/L
							2,4-Dimethylphenol	1000 ug/L
							2,4-Dinitrophenol	2000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrotoluene	1000 ug/L
							2,6-Dinitrotoluene	1000 ug/L
							2-Chloronaphthalene	1000 ug/L
							2-Chlorophenol	1000 ug/L
							2-Methylnaphthalene	1000 ug/L
							2-Nitrophenol	1000 ug/L
							4,6-Dinitro-2-methylphenol	2000 ug/L
							4-Bromophenyl phenyl ether	1000 ug/L
							4-Chloro-3-methylphenol	1000 ug/L
							4-Chlorophenyl phenyl ether	1000 ug/L
							4-Nitrophenol	2000 ug/L
							Acenaphthene	1000 ug/L
							Acenaphthylene	1000 ug/L
							Anthracene	1000 ug/L
							Azobenzene	1000 ug/L
							Benzo[a]anthracene	1000 ug/L
							Benzo[a]pyrene	1000 ug/L
							Benzo[b]fluoranthene	1000 ug/L
							Benzo[g,h,i]perylene	1000 ug/L
							Benzo[k]fluoranthene	1000 ug/L
							bis (2-chloroisopropyl) ether	1000 ug/L
							Bis(2-chloroethoxy)methane	1000 ug/L
							Bis(2-chloroethyl)ether	1000 ug/L
							Bis(2-ethylhexyl) phthalate	1000 ug/L
							Butyl benzyl phthalate	1000 ug/L
							Chrysene	1000 ug/L
							Di-n-butyl phthalate	1000 ug/L
							Di-n-octyl phthalate	1000 ug/L
							Dibenz(a,h)anthracene	1000 ug/L
							Diethyl phthalate	1000 ug/L
							Dimethyl phthalate	1000 ug/L
							Fluoranthene	1000 ug/L
							Fluorene	1000 ug/L
							Hexachlorobenzene	1000 ug/L
							Hexachlorobutadiene	1000 ug/L
							Hexachlorocyclopentadiene	1000 ug/L
							Hexachloroethane	1000 ug/L
							Indeno[1,2,3-cd]pyrene	1000 ug/L
							Isophorone	1000 ug/L
							m+p-Cresol	1000 ug/L
							N-Nitrosodi-n-propylamine	1000 ug/L
							N-Nitrosodimethylamine	1000 ug/L
							N-Nitrosodiphenylamine	1000 ug/L
							Naphthalene	1000 ug/L
							Nitrobenzene	1000 ug/L
							o-Cresol	1000 ug/L
							Pentachlorophenol	2000 ug/L
							Phenanthrene	1000 ug/L

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenol	1000 ug/L
							Pyrene	1000 ug/L
							Pyridine	2000 ug/L
							3,3'-Dichlorobenzidine	2000 ug/L
							2,4,6-Tribromophenol (Surr)	1000 ug/L
							2-Fluorobiphenyl	1000 ug/L
							2-Fluorophenol (Surr)	1000 ug/L
							2-methylnaphthalene-d10	1000 ug/L
							Fluoranthene-d10 (Surr)	1000 ug/L
							Nitrobenzene-d5 (Surr)	1000 ug/L
							Phenol-d5 (Surr)	1000 ug/L
							Terphenyl-d14	1000 ug/L
.8270_IC_STK_00061	09/30/21	06/07/21	DCM, Lot CT#211	10 mL	8270L1S1-S_00009	1 mL	1,2,4-Trichlorobenzene	100000 ug/L
							1,2-Dichlorobenzene	100000 ug/L
							1,3-Dichlorobenzene	100000 ug/L
							1,4-Dichlorobenzene	100000 ug/L
							1-Methylnaphthalene	100000 ug/L
							2,4,5-Trichlorophenol	100000 ug/L
							2,4,6-Trichlorophenol	100000 ug/L
							2,4-Dichlorophenol	100000 ug/L
							2,4-Dimethylphenol	100000 ug/L
							2,4-Dinitrophenol	200000 ug/L
							2,4-Dinitrotoluene	100000 ug/L
							2,6-Dinitrotoluene	100000 ug/L
							2-Chloronaphthalene	100000 ug/L
							2-Chlorophenol	100000 ug/L
							2-Methylnaphthalene	100000 ug/L
							2-Nitrophenol	100000 ug/L
							4,6-Dinitro-2-methylphenol	200000 ug/L
							4-Bromophenyl phenyl ether	100000 ug/L
							4-Chloro-3-methylphenol	100000 ug/L
							4-Chlorophenyl phenyl ether	100000 ug/L
							4-Nitrophenol	200000 ug/L
							Acenaphthene	100000 ug/L
							Acenaphthylene	100000 ug/L
							Anthracene	100000 ug/L
							Azobenzene	100000 ug/L
							Benzo[a]anthracene	100000 ug/L
							Benzo[a]pyrene	100000 ug/L
							Benzo[b]fluoranthene	100000 ug/L
							Benzo[g,h,i]perylene	100000 ug/L
							Benzo[k]fluoranthene	100000 ug/L
							bis (2-chloroisopropyl) ether	100000 ug/L
							Bis(2-chloroethoxy)methane	100000 ug/L
							Bis(2-chloroethyl)ether	100000 ug/L
							Bis(2-ethylhexyl) phthalate	100000 ug/L
							Butyl benzyl phthalate	100000 ug/L
							Chrysene	100000 ug/L

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Di-n-butyl phthalate	100000 ug/L
							Di-n-octyl phthalate	100000 ug/L
							Dibenz(a,h)anthracene	100000 ug/L
							Diethyl phthalate	100000 ug/L
							Dimethyl phthalate	100000 ug/L
							Fluoranthene	100000 ug/L
							Fluorene	100000 ug/L
							Hexachlorobenzene	100000 ug/L
							Hexachlorobutadiene	100000 ug/L
							Hexachlorocyclopentadiene	100000 ug/L
							Hexachloroethane	100000 ug/L
							Indeno[1,2,3-cd]pyrene	100000 ug/L
							Isophorone	100000 ug/L
							m+p-Cresol	100000 ug/L
							N-Nitrosodi-n-propylamine	100000 ug/L
							N-Nitrosodimethylamine	100000 ug/L
							N-Nitrosodiphenylamine	100000 ug/L
							Naphthalene	100000 ug/L
							Nitrobenzene	100000 ug/L
							o-Cresol	100000 ug/L
							Pentachlorophenol	200000 ug/L
							Phenanthrene	100000 ug/L
							Phenol	100000 ug/L
							Pyrene	100000 ug/L
							Pyridine	200000 ug/L
					8270L1S9-S_00009	1 mL	3,3'-Dichlorobenzidine	200000 ug/L
					8270SSstkPhen_00004	0.2 mL	2,4,6-Tribromophenol (Surr)	100000 ug/L
							2-Fluorobiphenyl	100000 ug/L
							2-Fluorophenol (Surr)	100000 ug/L
							2-methylnaphthalene-d10	100000 ug/L
							Fluoranthene-d10 (Surr)	100000 ug/L
							Nitrobenzene-d5 (Surr)	100000 ug/L
							Phenol-d5 (Surr)	100000 ug/L
							Terphenyl-d14	100000 ug/L
..8270L1S1-S_00009	09/30/21		Restek, Lot A0159459		(Purchased Reagent)		1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methylnaphthalene	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							m+p-Cresol	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							o-Cresol	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
..8270L1S9-S_00009	09/30/21		Restek, Lot A0152617		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..8270SSstkPhen_00004	08/31/23		Phenova, Lot CL12771		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							2-methylnaphthalene-d10	5000 ug/mL
							Fluoranthene-d10 (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14	5000 ug/mL
icv_8270_1000_00014	01/26/22	10/05/21	DCM, Lot CT_211	10 mL	8270SIM_IS_00067	100 uL	1,4-Dichlorobenzene-d4	100 ug/L
							Acenaphthene-d10	100 ug/L
							Chrysene-d12	100 ug/L
							Naphthalene-d8	100 ug/L
							Perylene-d12	100 ug/L
							Phenanthrene-d10	100 ug/L
.8270SIM_IS_00067	06/07/22	06/07/21	DCM, Lot CT#211	50 mL	8270ISstk_00007	250 uL	1,4-Dichlorobenzene-d4	10 ug/mL
							Acenaphthene-d10	10 ug/mL
							Chrysene-d12	10 ug/mL
							Naphthalene-d8	10 ug/mL
							Perylene-d12	10 ug/mL
							Phenanthrene-d10	10 ug/mL
..8270ISstk_00007	09/30/24		Restek, Lot A0153348		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
icv_8270_1000_00014	01/26/22	10/05/21	DCM, Lot CT_211	10 mL	8270_IC_STK_00065	100 uL	1,2,4-Trichlorobenzene	1000 ug/L
							1,2-Dichlorobenzene	1000 ug/L
							1,3-Dichlorobenzene	1000 ug/L
							1,4-Dichlorobenzene	1000 ug/L
							2,4,5-Trichlorophenol	1000 ug/L
							2,4,6-Trichlorophenol	1000 ug/L
							2,4-Dichlorophenol	1000 ug/L
							2,4-Dimethylphenol	1000 ug/L
							2,4-Dinitrophenol	2000 ug/L
							2,4-Dinitrotoluene	1000 ug/L
							2,6-Dinitrotoluene	1000 ug/L
							2-Chloronaphthalene	1000 ug/L
							2-Chlorophenol	1000 ug/L
							2-Nitrophenol	1000 ug/L
							4,6-Dinitro-2-methylphenol	2000 ug/L
							4-Bromophenyl phenyl ether	1000 ug/L
							4-Chloro-3-methylphenol	1000 ug/L
							4-Chlorophenyl phenyl ether	1000 ug/L
							4-Nitrophenol	2000 ug/L
							Azobenzene	1000 ug/L
							bis (2-chloroisopropyl) ether	1000 ug/L

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-chloroethoxy)methane	1000 ug/L
							Bis(2-chloroethyl)ether	1000 ug/L
							Bis(2-ethylhexyl) phthalate	1000 ug/L
							Butyl benzyl phthalate	1000 ug/L
							Di-n-butyl phthalate	1000 ug/L
							Di-n-octyl phthalate	1000 ug/L
							Diethyl phthalate	1000 ug/L
							Dimethyl phthalate	1000 ug/L
							Hexachlorobenzene	1000 ug/L
							Hexachlorobutadiene	1000 ug/L
							Hexachlorocyclopentadiene	1000 ug/L
							Hexachloroethane	1000 ug/L
							Isophorone	1000 ug/L
							m+p-Cresol	1000 ug/L
							N-Nitrosodi-n-propylamine	1000 ug/L
							N-Nitrosodimethylamine	1000 ug/L
							N-Nitrosodiphenylamine	1000 ug/L
							Nitrobenzene	1000 ug/L
							o-Cresol	1000 ug/L
							Pentachlorophenol	2000 ug/L
							Phenol	1000 ug/L
							Pyrene	1000 ug/L
							Pyridine	2000 ug/L
							3,3'-Dichlorobenzidine	2000 ug/L
							2,4,6-Tribromophenol (Surr)	1000 ug/L
							2-Fluorobiphenyl	1000 ug/L
							2-Fluorophenol (Surr)	1000 ug/L
							Nitrobenzene-d5 (Surr)	1000 ug/L
							Phenol-d5 (Surr)	1000 ug/L
							Terphenyl-d14	1000 ug/L
.8270_IC_STK_00065	01/26/22	10/05/21	DCM, Lot CT#211	10 mL	8270L1S1-S_00011	1 mL	1,2,4-Trichlorobenzene	100000 ug/L
							1,2-Dichlorobenzene	100000 ug/L
							1,3-Dichlorobenzene	100000 ug/L
							1,4-Dichlorobenzene	100000 ug/L
							2,4,5-Trichlorophenol	100000 ug/L
							2,4,6-Trichlorophenol	100000 ug/L
							2,4-Dichlorophenol	100000 ug/L
							2,4-Dimethylphenol	100000 ug/L
							2,4-Dinitrophenol	200000 ug/L
							2,4-Dinitrotoluene	100000 ug/L
							2,6-Dinitrotoluene	100000 ug/L
							2-Chloronaphthalene	100000 ug/L
							2-Chlorophenol	100000 ug/L
							2-Nitrophenol	100000 ug/L
							4,6-Dinitro-2-methylphenol	200000 ug/L
							4-Bromophenyl phenyl ether	100000 ug/L
							4-Chloro-3-methylphenol	100000 ug/L
							4-Chlorophenyl phenyl ether	100000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Nitrophenol	200000 ug/L
							Azobenzene	100000 ug/L
							bis (2-chloroisopropyl) ether	100000 ug/L
							Bis(2-chloroethoxy)methane	100000 ug/L
							Bis(2-chloroethyl)ether	100000 ug/L
							Bis(2-ethylhexyl) phthalate	100000 ug/L
							Butyl benzyl phthalate	100000 ug/L
							Di-n-butyl phthalate	100000 ug/L
							Di-n-octyl phthalate	100000 ug/L
							Diethyl phthalate	100000 ug/L
							Dimethyl phthalate	100000 ug/L
							Hexachlorobenzene	100000 ug/L
							Hexachlorobutadiene	100000 ug/L
							Hexachlorocyclopentadiene	100000 ug/L
							Hexachloroethane	100000 ug/L
							Isophorone	100000 ug/L
							m+p-Cresol	100000 ug/L
							N-Nitrosodi-n-propylamine	100000 ug/L
							N-Nitrosodimethylamine	100000 ug/L
							N-Nitrosodiphenylamine	100000 ug/L
							Nitrobenzene	100000 ug/L
							o-Cresol	100000 ug/L
							Pentachlorophenol	200000 ug/L
							Phenol	100000 ug/L
							Pyrene	100000 ug/L
							Pyridine	200000 ug/L
					8270L1S9-S_00012	1 mL	3,3'-Dichlorobenzidine	200000 ug/L
					8270SSstkPhen_00004	0.2 mL	2,4,6-Tribromophenol (Surr)	100000 ug/L
							2-Fluorobiphenyl	100000 ug/L
							2-Fluorophenol (Surr)	100000 ug/L
							Nitrobenzene-d5 (Surr)	100000 ug/L
							Phenol-d5 (Surr)	100000 ug/L
							Terphenyl-d14	100000 ug/L
..8270L1S1-S_00011	05/28/22		Restek, Lot A0159459		(Purchased Reagent)		1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Azobenzene	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Isophorone	1000 ug/mL
							m+p-Cresol	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							o-Cresol	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
..8270L1S9-S_00012	01/26/22		Restek, Lot A0152617		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
..8270SSstkPhen_00004	08/31/23		Phenova, Lot CL12771		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14	5000 ug/mL

Reagent

2356TCP_00004

Reference Materials Producer
Cert #2495.01

SPEXertificate®
Certificate of Reference Material

Chemical Testing
Cert #2495.02

Catalog Number: S-3410 **Lot No.** AA210304019

Description: 2,3,5,6-Tetrachlorophenol

Matrix: Methanol

Ship Date: December 28, 2021

Expiration Date: December 27, 2024

This **SPEXOrganics®** Certified Reference Material, CRM, is intended primarily for use as a calibration standard or quality control standard for organic chromatography instrumentation such as GC, GC-MS, LC, and LC-MS. It can be employed in USEPA, ASTM and other methods relevant to the certified properties listed below.

Certified Compounds:

Compound	CAS #	Labeled	Purity	Certified†	Uncertainty
2,3,5,6-Tetrachlorophenol	935-95-5	1000 µg/mL	98.8%	1004 µg/mL	± 25 µg/mL

* - Isomer ratios (when applicable) are an uncertified parameter.

Final Solution Verification:

Final solution integrity verified by Gas Chromatography/Mass Spectrometry. The mass spectrum of each compound was confirmed against the NIST mass spectral database.

† Certified concentration based on gravimetric weights and corrected for the purity of the compound(s) used to prepare the standard. Analytical balance calibration is verified daily with C1 weight set #23-190006 which is registered with Atlantic Scale, and traceable to NIST and NJ Division of Weights and Measures.

This CRM is guaranteed stable and accurate to within the uncertainty listed for the certified value. This includes uncertainty components due to preparation, homogeneity, short term and long term stability. During the stated period of validity, the purchaser will be notified if this product is recalled due to any significant changes in the stability of the solution. For further information, contact the Sales Support Department at crmsales@spexcsp.com.

Date of Certification: December 28, 2021

Certifying Officer: Shannon Mace

Shannon Macieira, Operations Manager

Report of Certification

Catalog Number: S-3410
Lot No. AA210304019
Description: 2,3,5,6-Tetrachlorophenol
Matrix: Methanol
Ship Date: December 28, 2021
Expiration Date: December 27, 2024

This Certified Reference Material (CRM) has been prepared and certified under an ISO 9001 (certified by DQS) and ISO 17025 (accredited by A2LA), and ISO 17034 (accredited by A2LA) quality system consistent with the following standards:

- ISO 9001: Quality management systems - Requirements
- ISO/IEC 17025: General requirements for the competence of testing and calibration laboratories
- ISO 17034: General requirements for the competence of reference material producers
- ISO Guide 30: Reference Materials - Selected terms and definitions
- ISO Guide 31: Reference Materials - Contents of certificates and lables
- ISO Guide 35: Refernece Materials - General and Statistical principals for certification
- Guide to the Expression of Uncertainty in Measurement, 2008
- EURACHEM/CITAC Guide: Qualifying Uncertainty in Analytical Measurement - Third Edition
- NIST Technical Note 1297

Storage Requirements:

To ensure the stability of the product once it arrives in your laboratory, please store this product in ambient conditions (18°C to 27°C). Note: Shipping conditions may differ from storage conditions. The EXPIRATION DATE is calculated from the SHIPPED DATE using our stability data and is applicable only if the product is stored under the laboratory specified conditions.

Instructions for Use:

Let material come to room temperature before use. Check for precipitate and if necessary sonicate for one minute. If compounds do not dissolve after one minute then sonicate further until the product is dissolved. A clear appearance is acceptable. The minimum recommended amount that should be removed from this vial is 5µL with a 25µL gas tight syringe. All solutions should be thoroughly mixed, by shaking, prior to use. All surfaces that come in contact with the solution must be thoroughly cleaned prior to use. Dilutions should be performed only with Class A volumetric glassware.

Material Source:

All analytes and matrix materials are obtained and verified by SPEX CertiPrep from pre-qualified vendors as per ISO guidelines. Vendor identifications are proprietary, however sources of all materials used in the preparation and testing of SPEX CertiPrep CRMs are tracked and documented. For assistance, please contact sales support at crmsales@spexcsp.com.

Method of Preparation:

Clean laboratory procedures and techniques have been used throughout the preparation. All materials, equipment, and analytical instrumentation have been qualified prior to use. The highest purity solvents and Class A/ calibrated volumetrics have been used in all preparations.

Homogeneity:

The homogeneity of this CRM has been confirmed by procedures consistent with ISO 17025, ISO 17034, and ASTM D6362-98 Appendix X2. Random, replicate samples of the final, packaged material have been analyzed to prove homogeneity in accordance with our internal procedure 4300-HOMOGEN-1A. This is consistent with the intended use of this CRM. The Degree of Homogeneity, as expressed as maximum between-bottle variation, is 1.2%

Statistical Estimator and Confidence Limits:

The Certified value 'X' as listed on the reverse of this document is at the 95% level of confidence and can be expressed as:

- $X = x \pm U$ where X=certified value, U=expanded uncertainty, x=property value
- $U = ku_c$ where k=2 is the coverage factor at the 95% confidence level
- u_c = combined standard uncertainty obtained by combining the individual compound standard uncertainty components u_i, where $u_c = \sqrt{\sum u_i^2}$

Legal Notice:

SPEX CertiPrep Certified Reference Materials are not for any cosmetic, drug, or household application and are to be used only by qualified individuals who are trained in appropriate procedures. No claims against SPEX CertiPrep of any kind whatsoever, whether based on breech of warranty, alleged negligence, or otherwise, with respect to this Reference Material shall be greater than the purchase price. In no event shall SPEX CertiPrep be liable for any loss of profits or any incidental, special, or consequential damages.

SPEX CertiPrep®
Your Science is Our Passion.®

203 Norcross Ave. Metuchen, NJ 08840
www.spexcertiprep.com • E-mail: crmsales@spexcsp.com
Phone: 1-732-549-7144 • Fax 1-732-603-9647

Accredited to 17025 & 17034 ISO Certified to 9001

Reagent

2356TCP_00005

ACCREDITED
Reference Materials Producer
Cert #2495.01

SPEXertificate®
Certificate of Reference Material

ilac-MRA ACCREDITED
Chemical Testing
Cert #2495.02

Catalog Number: S-3410 **Lot No.** AA210304019

Description: 2,3,5,6-Tetrachlorophenol

Matrix: Methanol

Ship Date: November 2, 2021
Expiration Date: November 1, 2024

This **SPEXOrganics®** Certified Reference Material, CRM, is intended primarily for use as a calibration standard or quality control standard for organic chromatography instrumentation such as GC, GC-MS, LC, and LC-MS. It can be employed in USEPA, ASTM and other methods relevant to the certified properties listed below.

Certified Compounds:

Compound	CAS #	Labeled	Purity	Certified†	Uncertainty
2,3,5,6-Tetrachlorophenol	935-95-5	1000 µg/mL	98.8%	1004 µg/mL	± 25 µg/mL

* - Isomer ratios (when applicable) are an uncertified parameter.

Final Solution Verification:

Final solution integrity verified by Gas Chromatography/Mass Spectrometry. The mass spectrum of each compound was confirmed against the NIST mass spectral database.

† Certified concentration based on gravimetric weights and corrected for the purity of the compound(s) used to prepare the standard. Analytical balance calibration is verified daily with C1 weight set #23-190006 which is registered with Atlantic Scale, and traceable to NIST and NJ Division of Weights and Measures.

This CRM is guaranteed stable and accurate to within the uncertainty listed for the certified value. This includes uncertainty components due to preparation, homogeneity, short term and long term stability. During the stated period of validity, the purchaser will be notified if this product is recalled due to any significant changes in the stability of the solution. For further information, contact the Sales Support Department at crmsales@spexcsp.com.

Date of Certification: November 2, 2021

Certifying Officer: Shannon Nace
Shannon Macieira, Operations Manager

Reagent

8270flspk_00296

Preliminary Report

Eurofins TestAmerica, Seattle
CCV, Cal Verification Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20200820-72434.b\820A06.D
Lims ID: 8270flspk_00269
Client ID:
Sample Type: CCV
Inject. Date: 20-Aug-2020 14:09:30 ALS Bottle#: 6 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 8270FLSPK_00269
Misc. Info.: 20X
Operator ID: jkm Instrument ID: TAC051
Sublist: chrom-8270 TAC051*sub32

Method: \\chromfs\Seattle\ChromData\TAC051\20200820-72434.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 20-Aug-2020 15:21:54 Calib Date: 31-Jul-2020 22:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20200731-72074.b\0731B14.D

Column 1 : Det: MS SCAN
Process Host: CTX1001

Start Cal Date: 31-Jul-2020 18:50:30
End Cal Date: 31-Jul-2020 22:24:30

Compound	Standard RRF/Amt	DLT RT	Ccal Amt	Ccal RF	Min. RRF	%D	Max. %D	%Rec
$ 7 2-Fluorophenol	*ND							
$ 8 Phenol-d5	*ND							
$ 9 Nitrobenzene-d5	*ND							
$ 11 2-Fluorobiphenyl	*ND							
$ 12 2,4,6-Tribromophenol	*ND							
$ 14 Terphenyl-d14	*ND							
16 N-Nitrosodimethylamine	1000.0	0.0	904.2	0.361975	0.010	-9.6	20	90
17 Pyridine	2000.0	0.0	1816.3	0.645577	0.010	-9.2	20	91
19 Phenol	1000.0	0.0	911.0	0.959441	0.800	-8.9	20	91
18 Aniline	1000.0	0.0	900.0	1.181467	0.010	-10	20	90
20 Bis(2-chloroethyl)ether	1000.0	0.0	917.5	0.781316	0.700	-8.3	20	92
21 2-Chlorophenol	1000.0	0.0	947.9	1.178209	0.800	-5.2	20	95
22 n-Decane	1000.0	0.0	887.3	0.660906	0.000	-11.3	20	89
23 1,3-Dichlorobenzene	1000.0	0.0	919.9	1.344327	0.010	-8.0	20	92
25 1,4-Dichlorobenzene	1000.0	0.0	921.3	1.330284	0.010	-7.9	20	92
26 Benzyl alcohol	1000.0	0.0	797.3	0.459577	0.010	*-20.3	20	80
27 1,2-Dichlorobenzene	1000.0	0.0	932.5	1.316154	0.010	-6.7	20	93
28 2-Methylphenol	1000.0	0.0	834.7	0.818210	0.700	-16.5	20	83
29 2,2'-oxybis[1-chloropro	1000.0	0.0	884.7	0.955593	0.010	-11.5	20	88
30 Acetophenone	1000.0	0.0	926.1	1.236997	0.010	-7.4	20	93
31 N-Nitrosodi-n-propylami	(I) 0.455524	0.0		* 0.431481	0.500	-5.3	20	95
32 3 & 4 Methylphenol	1000.0	0.0	868.8	0.823476	0.600	-13.1	20	87
33 Hexachloroethane	1000.0	0.0	984.0	0.518981	0.300	-1.6	20	98
34 Nitrobenzene	1000.0	0.0	850.2	0.619727	0.200	-15.0	20	85
35 Isophorone	1000.0	0.0	922.0	1.296449	0.400	-7.8	20	92

Preliminary Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20200820-72434.b\820A06.D

Compound	Standard RRF/Amt	DLT RT	Ccal Amt	Ccal RF	Min. RRF	%D	Max. %D	%Rec
36 2-Nitrophenol	0.147551	0.0		0.165071	0.100	11.9	20	112
37 2,4-Dimethylphenol	0.928642	0.0		0.914986	0.200	-1.5	20	99
39 Benzoic acid	2000.0	0.0	1700.2	0.112363	0.010	-15.0	20	85
38 Bis(2-chloroethoxy)meth	1000.0	0.0	926.2	0.926950	0.300	-7.4	20	93
40 2,4-Dichlorophenol	1000.0	0.0	981.0	0.225673	0.200	-1.9	20	98
41 1,2,4-Trichlorobenzene	1000.0	0.0	1048.1	0.273299	0.010	4.8	20	105
42 Naphthalene	1000.0	0.0	980.2	0.910693	0.700	-2.0	20	98
43 4-Chloroaniline	1000.0	0.0	846.7	0.298498	0.010	-15.3	20	85
44 2,6-Dichlorophenol	0.445072	0.0		0.434328	0.010	-2.4	20	98
45 Hexachlorobutadiene	0.127294	0.0		0.139357	0.010	9.5	20	109
46 4-Chloro-3-methylphenol	1000.0	0.0	815.5	0.333554	0.200	-18.5	20	82
47 2-Methylnaphthalene	1000.0	0.0	965.2	0.609966	0.400	-3.5	20	97
48 1-Methylnaphthalene	1000.0	0.0	968.5	0.568064	0.010	-3.2	20	97
49 Hexachlorocyclopentadie	0.304774	0.0		0.283490	0.050	-7.0	20	93
50 1,2,4,5-Tetrachlorobenz	1000.0	0.0	963.2	0.435554	0.000	-3.7	20	96
52 2,4,6-Trichlorophenol	1000.0	0.0	836.6	0.250594	0.200	-16.3	20	84
53 2,4,5-Trichlorophenol	(I) 1000.0	0.0	1004.8	0.326285	0.200	0.5	20	100
54 1,1'-Biphenyl	1000.0	0.0	859.9	1.276118	0.010	-14.0	20	86
55 2-Chloronaphthalene	1000.0	0.0	874.7	1.007676	0.800	-12.5	20	87
56 2-Nitroaniline	1000.0	0.0	897.4	0.334289	0.010	-10.3	20	90
57 Dimethyl phthalate	1000.0	0.0	917.7	1.121027	0.010	-8.2	20	92
58 1,3-Dinitrobenzene	1000.0	0.0	907.9	0.163513	0.000	-9.2	20	91
59 2,6-Dinitrotoluene	(I) 1000.0	0.0	902.8	0.257665	0.200	-9.7	20	90
60 Acenaphthylene	1000.0	0.0	900.3	1.613681	0.900	-10	20	90
61 3-Nitroaniline	1000.0	0.0	917.1	0.278774	0.010	-8.3	20	92
62 Acenaphthene	1.130761	0.0		1.024322	0.900	-9.4	20	91
63 2,4-Dinitrophenol	2000.0	0.0	2088.8	0.100259	0.010	4.4	20	104
64 4-Nitrophenol	2000.0	0.0	1951.7	0.112532	0.010	-2.4	20	98
65 2,4-Dinitrotoluene	(I) 1000.0	0.0	926.1	0.331813	0.200	-7.4	20	93
66 Dibenzofuran	1.480710	0.0		1.381435	0.800	-6.7	20	93
67 2,3,4,6-Tetrachlorophen	1000.0	0.0	997.5	0.207185	0.010	-0.3	20	100
68 Diethyl phthalate	1.301646	0.0		1.225005	0.010	-5.9	20	94
69 Fluorene	1000.0	0.0	947.6	1.149144	0.900	-5.2	20	95
70 4-Chlorophenyl phenyl e	0.508412	0.0		0.491442	0.400	-3.3	20	97
71 4-Nitroaniline	1000.0	0.0	1094.8	0.309869	0.010	9.5	20	109
72 4,6-Dinitro-2-methylphe	2000.0	0.0	2160.6	0.097266	0.010	8.0	20	108
73 N-Nitrosodiphenylamine	0.549545	0.0		0.554488	0.010	0.9	20	101
74 Azobenzene	1000.0	0.0	978.0	0.470843	0.000	-2.2	20	98
75 4-Bromophenyl phenyl et	0.190324	0.0		0.184596	0.100	-3.0	20	97
76 Hexachlorobenzene	0.243010	0.0		0.228455	0.100	-6.0	20	94
77 Atrazine	0.278577	0.0		0.563303	0.010	*102.2	20	202
78 Pentachlorophenol	2000.0	0.0	1976.4	0.113655	0.050	-1.2	20	99
79 n-Octadecane	1000.0	0.0	914.3	0.273348	0.000	-8.6	20	91
80 Phenanthrene	1.060496	0.0		1.074722	0.700	1.3	20	101
81 Anthracene	1000.0	0.0	1045.6	1.120926	0.700	4.6	20	105

Preliminary Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20200820-72434.b\820A06.D

Compound	Standard RRF/Amt	DLT RT	Ccal Amt	Ccal RF	Min. RRF	%D	Max. %D	%Rec
83 Carbazole	0.786169	0.0		0.994039	0.010	*26.4	20	126
84 Di-n-butyl phthalate	1.273716	0.0		1.347000	0.010	5.8	20	106
85 Fluoranthene	0.995090	0.0		1.060149	0.600	6.5	20	107
88 Benzidine	2000.0	0.0	2405.7	0.431250	0.010	*20.3	20	120
89 Pyrene	1000.0	0.0	1094.6	1.142933	0.600	9.5	20	109
90 4,4'-DDE	*ND							
93 4,4'-DDD	*ND							
94 Butyl benzyl phthalate	0.676658	0.0		0.709716	0.010	4.9	20	105
96 3,3'-Dichlorobenzidine	2000.0	0.0	2432.3	0.454899	0.010	*21.6	20	122
97 Benzo[a]anthracene	1.108207	0.0		1.095645	0.800	-1.1	20	99
99 Chrysene	1.237871	0.0		1.227364	0.700	-0.8	20	99
98 Bis(2-ethylhexyl) phtha	1000.0	0.0	982.0	1.005085	0.010	-1.8	20	98
100 Di-n-octyl phthalate	1000.0	0.0	963.3	1.480588	0.010	-3.7	20	96
101 Benzo[b]fluoranthene	1.053743	0.0		1.030314	0.700	-2.2	20	98
102 Benzofluoranthene	*ND							
103 Benzo[k]fluoranthene	1.241038	0.0		1.249809	0.700	0.7	20	101
104 Benzo[a]pyrene	0.970570	0.0		0.931557	0.700	-4.0	20	96
105 Indeno[1,2,3-cd]pyrene	1000.0	0.0	814.9	0.809948	0.500	-18.5	20	81
106 Dibenz(a,h)anthracene	1000.0	0.0	736.4	0.717275	0.400	*-26.4	20	74
107 Benzo[g,h,i]perylene	1000.0	0.0	807.4	0.891678	0.500	-19.3	20	81
116 Hexadecane	*ND							
111 Caprolactam	*ND							
119 Indene	*ND							

(I) Fails an Initial Calibration Test

Reagent

8270ISstk_00007

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. : 567684 **Lot No.:** A0153348

Description : 8270 Internal Standard

8270 Internal Standard 2,000µg/mL, Methylene chloride, 5mL/ampul

2529260
ID: 8270IStk_00007
Exp: 09/30/24 Prpd: E1L
8270 Internal standard st

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2024 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive.

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	1,4-Dichlorobenzene-d4 **CAS #** 3855-82-1 **Purity** 99%	(Lot PR-18488)	2,001.9 µg/mL	+/- 11.6390 µg/mL +/- 90.1653 µg/mL +/- 100.0495 µg/mL		Gravimetric Unstressed Stressed
2	Naphthalene-d8 **CAS #** 1146-65-2 **Purity** 99%	(Lot M-1452)	2,004.6 µg/mL	+/- 11.6549 µg/mL +/- 90.2884 µg/mL +/- 100.1861 µg/mL		Gravimetric Unstressed Stressed
3	Acenaphthene-d10 **CAS #** 15067-26-2 **Purity** 99%	(Lot PR-28021)	2,003.3 µg/mL	+/- 11.6476 µg/mL +/- 90.2313 µg/mL +/- 100.1228 µg/mL		Gravimetric Unstressed Stressed
4	Phenanthrene-d10 **CAS #** 1517-22-2 **Purity** 99%	(Lot PR-27621)	2,001.9 µg/mL	+/- 11.6390 µg/mL +/- 90.1653 µg/mL +/- 100.0495 µg/mL		Gravimetric Unstressed Stressed
5	Chrysene-d12 **CAS #** 1719-03-5 **Purity** 99%	(Lot PR-29295)	2,003.7 µg/mL	+/- 11.6499 µg/mL +/- 90.2493 µg/mL +/- 100.1428 µg/mL		Gravimetric Unstressed Stressed
6	Perylene-d12 **CAS #** 1520-96-3 **Purity** 99%	(Lot PR-27342)	2,002.0 µg/mL	+/- 11.6398 µg/mL +/- 90.1713 µg/mL +/- 100.0562 µg/mL		Gravimetric Unstressed Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

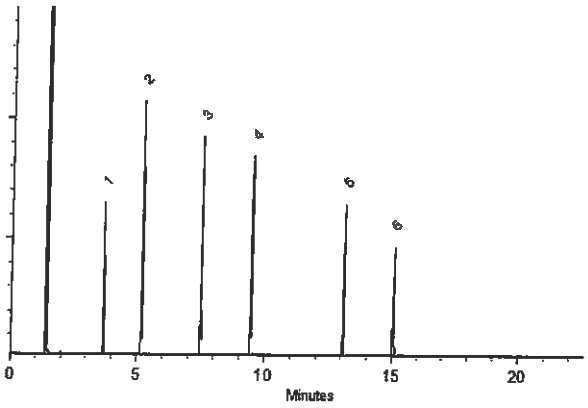
Carrier Gas:
hydrogen-constant pressure 10 psi.

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.

Cathleen Soltis - Mix Technician

Date Mixed: 26-Sep-2019 **Balance:** B442140311

Justine Albertson - Operations Tech-ARM QC

Date Passed: 01-Oct-2019

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

Reagent

8270L1S1-S_00009

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. : 571995.SEC **Lot No.:** A0159459

Description : 8270 List 1 / Std #1 MegaMix (2017)

8270 List 1 / Std #1 MegaMix (2017) 500-2000 µg/mL, Methylene chloride, 5mL/ampul

Container Size : 10 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2021 **Storage:** 0°C or colder

Handling: Carcinogen/reproductive toxin. Photosensitive. Sonicate.

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L., K=2)	
1	1,4-Dioxane **CAS #** 123-91-1.SEC (Lot 8CALO) **Purity** 99%	1,003.4 µg/mL	+/- 5.8473 µg/mL +/- 12.0013 µg/mL +/- 19.0935 µg/mL	Gravimetric Unstressed Stressed
2	N-Nitrosodimethylamine **CAS #** 62-75-9.SEC (Lot 71L89) **Purity** 99%	1,004.2 µg/mL	+/- 5.8520 µg/mL +/- 12.0108 µg/mL +/- 19.1087 µg/mL	Gravimetric Unstressed Stressed
3	Pyridine **CAS #** 110-86-1.SEC (Lot QN8DK) **Purity** 99%	2,002.8 µg/mL	+/- 11.6445 µg/mL +/- 23.9416 µg/mL +/- 38.1027 µg/mL	Gravimetric Unstressed Stressed
4	Phenol **CAS #** 108-95-2.SEC (Lot EDPYN) **Purity** 99%	1,002.4 µg/mL	+/- 5.8415 µg/mL +/- 11.9893 µg/mL +/- 19.0745 µg/mL	Gravimetric Unstressed Stressed
5	Aniline **CAS #** 62-53-3.SEC (Lot ZCD3N) **Purity** 99%	1,007.0 µg/mL	+/- 5.8683 µg/mL +/- 12.0443 µg/mL +/- 19.1620 µg/mL	Gravimetric Unstressed Stressed
6	Bis(2-chloroethyl)ether **CAS #** 111-44-4.SEC (Lot FA010143) **Purity** 99%	1,002.6 µg/mL	+/- 5.8427 µg/mL +/- 11.9917 µg/mL +/- 19.0783 µg/mL	Gravimetric Unstressed Stressed
7	n-Decane (C10) **CAS #** 124-18-5.SEC (Lot UCVNN) **Purity** 99%	1,005.2 µg/mL	+/- 5.8578 µg/mL +/- 12.0228 µg/mL +/- 19.1278 µg/mL	Gravimetric Unstressed Stressed

8	2-Chlorophenol		1,003.0	µg/mL	+/-	5.8450	µg/mL	Gravimetric
	CAS # 95-57-8.SEC	(Lot GJ01)			+/-	11.9965	µg/mL	Unstressed
	Purity 99%				+/-	19.0859	µg/mL	Stressed
9	1,3-Dichlorobenzene		1,003.2	µg/mL	+/-	5.8462	µg/mL	Gravimetric
	CAS # 541-73-1.SEC	(Lot FMDFD)			+/-	11.9989	µg/mL	Unstressed
	Purity 99%				+/-	19.0897	µg/mL	Stressed
10	1,4-Dichlorobenzene		1,002.4	µg/mL	+/-	5.8415	µg/mL	Gravimetric
	CAS # 106-46-7.SEC	(Lot 4Y5DC)			+/-	11.9893	µg/mL	Unstressed
	Purity 99%				+/-	19.0745	µg/mL	Stressed
11	Benzyl alcohol		1,001.0	µg/mL	+/-	5.8333	µg/mL	Gravimetric
	CAS # 100-51-6.SEC	(Lot QZBUO)			+/-	11.9726	µg/mL	Unstressed
	Purity 99%				+/-	19.0478	µg/mL	Stressed
12	1,2-Dichlorobenzene		1,005.8	µg/mL	+/-	5.8613	µg/mL	Gravimetric
	CAS # 95-50-1.SEC	(Lot R6QDM)			+/-	12.0300	µg/mL	Unstressed
	Purity 99%				+/-	19.1392	µg/mL	Stressed
13	2-Methylphenol (o-cresol)		1,004.4	µg/mL	+/-	5.8532	µg/mL	Gravimetric
	CAS # 95-48-7.SEC	(Lot NC7HL)			+/-	12.0132	µg/mL	Unstressed
	Purity 99%				+/-	19.1125	µg/mL	Stressed
14	2,2'-oxybis(1-chloropropane)		1,003.6	µg/mL	+/-	5.8485	µg/mL	Gravimetric
	CAS # 108-60-1.SEC	(Lot 2-KMW-57-8)			+/-	12.0037	µg/mL	Unstressed
	Purity 99%				+/-	19.0973	µg/mL	Stressed
15	Acetophenone		1,002.0	µg/mL	+/-	5.8392	µg/mL	Gravimetric
	CAS # 98-86-2.SEC	(Lot NSGTI)			+/-	11.9845	µg/mL	Unstressed
	Purity 99%				+/-	19.0669	µg/mL	Stressed
16	3-Methylphenol (m-cresol)		500.8	µg/mL	+/-	2.9184	µg/mL	Gravimetric
	CAS # 108-39-4.SEC	(Lot 6LHTM)			+/-	5.9899	µg/mL	Unstressed
	Purity 99%				+/-	9.5296	µg/mL	Stressed
17	4-Methylphenol (p-cresol)		502.4	µg/mL	+/-	2.9277	µg/mL	Gravimetric
	CAS # 106-44-5.SEC	(Lot 65S2E)			+/-	6.0090	µg/mL	Unstressed
	Purity 99%				+/-	9.5601	µg/mL	Stressed
18	N-Nitroso-di-n-propylamine		1,002.4	µg/mL	+/-	5.8415	µg/mL	Gravimetric
	CAS # 621-64-7.SEC	(Lot 9566100)			+/-	11.9893	µg/mL	Unstressed
	Purity 99%				+/-	19.0745	µg/mL	Stressed
19	Hexachloroethane		1,003.6	µg/mL	+/-	5.8485	µg/mL	Gravimetric
	CAS # 67-72-1.SEC	(Lot 10173016)			+/-	12.0037	µg/mL	Unstressed
	Purity 99%				+/-	19.0973	µg/mL	Stressed
20	Nitrobenzene		1,004.6	µg/mL	+/-	5.8543	µg/mL	Gravimetric
	CAS # 98-95-3.SEC	(Lot FLYIG)			+/-	12.0156	µg/mL	Unstressed
	Purity 99%				+/-	19.1164	µg/mL	Stressed
21	Isophorone		1,001.8	µg/mL	+/-	5.8380	µg/mL	Gravimetric
	CAS # 78-59-1.SEC	(Lot XHGJI)			+/-	11.9821	µg/mL	Unstressed
	Purity 99%				+/-	19.0631	µg/mL	Stressed
22	2-Nitrophenol		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 88-75-5.SEC	(Lot GXJ7J)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
23	2,4-Dimethylphenol		1,005.0	µg/mL	+/-	5.8567	µg/mL	Gravimetric
	CAS # 105-67-9.SEC	(Lot MKBL3650V)			+/-	12.0204	µg/mL	Unstressed
	Purity 99%				+/-	19.1240	µg/mL	Stressed

24	Bis(2-chloroethoxy)methane **CAS #** 111-91-1 * **Purity** 99%	(Lot 8238500)	1,002.8	µg/mL	+/- 5.8438 +/- 11.9941 +/- 19.0821	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
25	2,4-Dichlorophenol **CAS #** 120-83-2.SEC **Purity** 99%	(Lot FHM01)	1,003.6	µg/mL	+/- 5.8485 +/- 12.0037 +/- 19.0973	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
26	1,2,4-Trichlorobenzene **CAS #** 120-82-1.SEC **Purity** 99%	(Lot 3LYYC)	1,001.8	µg/mL	+/- 5.8380 +/- 11.9821 +/- 19.0631	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
27	Naphthalene **CAS #** 91-20-3.SEC **Purity** 99%	(Lot SKZ5N)	1,004.0	µg/mL	+/- 5.8508 +/- 12.0084 +/- 19.1049	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
28	2,6-Dichlorophenol **CAS #** 87-65-0.SEC **Purity** 99%	(Lot SIDBB)	1,000.4	µg/mL	+/- 5.8299 +/- 11.9654 +/- 19.0364	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
29	4-Chloroaniline **CAS #** 106-47-8.SEC **Purity** 99%	(Lot 10171860)	1,005.2	µg/mL	+/- 5.8578 +/- 12.0228 +/- 19.1278	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
30	Hexachlorobutadiene **CAS #** 87-68-3.SEC **Purity** 97%	(Lot 8290900)	1,003.8	µg/mL	+/- 5.8494 +/- 12.0055 +/- 19.1003	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
31	4-Chloro-3-methylphenol **CAS #** 59-50-7.SEC **Purity** 99%	(Lot FDO02)	1,000.6	µg/mL	+/- 5.8310 +/- 11.9678 +/- 19.0402	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
32	2-Methylnaphthalene **CAS #** 91-57-6.SEC **Purity** 99%	(Lot 76023-1)	1,004.4	µg/mL	+/- 5.8532 +/- 12.0132 +/- 19.1125	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
33	1-Methylnaphthalene **CAS #** 90-12-0.SEC **Purity** 99%	(Lot OEE3F)	1,004.4	µg/mL	+/- 5.8532 +/- 12.0132 +/- 19.1125	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
34	1,2,4,5-Tetrachlorobenzene **CAS #** 95-94-3.SEC **Purity** 99%	(Lot AF02)	1,004.4	µg/mL	+/- 5.8532 +/- 12.0132 +/- 19.1125	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
35	Hexachlorocyclopentadiene **CAS #** 77-47-4.SEC **Purity** 99%	(Lot 9707900)	1,001.6	µg/mL	+/- 5.8368 +/- 11.9797 +/- 19.0593	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
36	2,4,6-Trichlorophenol **CAS #** 88-06-2.SEC **Purity** 98%	(Lot UUMYM)	1,009.0	µg/mL	+/- 5.8800 +/- 12.0683 +/- 19.2002	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
37	2,4,5-Trichlorophenol **CAS #** 95-95-4.SEC **Purity** 99%	(Lot MKBQ9937V)	1,004.4	µg/mL	+/- 5.8532 +/- 12.0132 +/- 19.1125	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
38	2-Chloronaphthalene **CAS #** 91-58-7.SEC **Purity** 99%	(Lot 6984000)	1,001.0	µg/mL	+/- 5.8333 +/- 11.9726 +/- 19.0478	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
39	Biphenyl **CAS #** 92-52-4.SEC **Purity** 99%	(Lot 33OQE)	1,000.4	µg/mL	+/- 5.8299 +/- 11.9654 +/- 19.0364	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

40	2-Nitroaniline		1,000.2	µg/mL	+/- 5.8287	µg/mL	Gravimetric
	CAS # 88-74-4.SEC	(Lot T6E7B)			+/- 11.9630	µg/mL	Unstressed
	Purity 99%				+/- 19.0326	µg/mL	Stressed
41	Acenaphthylene		1,000.7	µg/mL	+/- 5.8316	µg/mL	Gravimetric
	CAS # 208-96-8.SEC	(Lot 0012014)			+/- 11.9690	µg/mL	Unstressed
	Purity 96%				+/- 19.0422	µg/mL	Stressed
42	1,3-Dinitrobenzene		1,001.0	µg/mL	+/- 5.8333	µg/mL	Gravimetric
	CAS # 99-65-0.SEC	(Lot 3XXLB)			+/- 11.9726	µg/mL	Unstressed
	Purity 99%				+/- 19.0478	µg/mL	Stressed
43	Dimethylphthalate		1,000.0	µg/mL	+/- 5.8275	µg/mL	Gravimetric
	CAS # 131-11-3.SEC	(Lot 483WC)			+/- 11.9606	µg/mL	Unstressed
	Purity 99%				+/- 19.0288	µg/mL	Stressed
44	2,6-Dinitrotoluene		1,002.8	µg/mL	+/- 5.8438	µg/mL	Gravimetric
	CAS # 606-20-2.SEC	(Lot GE01)			+/- 11.9941	µg/mL	Unstressed
	Purity 99%				+/- 19.0821	µg/mL	Stressed
45	3-Nitroaniline		1,003.0	µg/mL	+/- 5.8450	µg/mL	Gravimetric
	CAS # 99-09-2.SEC	(Lot FGN03)			+/- 11.9965	µg/mL	Unstressed
	Purity 99%				+/- 19.0859	µg/mL	Stressed
46	Acenaphthene		1,002.2	µg/mL	+/- 5.8403	µg/mL	Gravimetric
	CAS # 83-32-9.SEC	(Lot BWZJE)			+/- 11.9869	µg/mL	Unstressed
	Purity 99%				+/- 19.0707	µg/mL	Stressed
47	2,4-Dinitrophenol		2,002.0	µg/mL	+/- 11.6398	µg/mL	Gravimetric
	CAS # 51-28-5.SEC	(Lot 2TXXH)			+/- 23.9320	µg/mL	Unstressed
	Purity 99%				+/- 38.0875	µg/mL	Stressed
48	Dibenzofuran		999.8	µg/mL	+/- 5.8264	µg/mL	Gravimetric
	CAS # 132-64-9.SEC	(Lot 27ZGC)			+/- 11.9582	µg/mL	Unstressed
	Purity 99%				+/- 19.0250	µg/mL	Stressed
49	4-Nitrophenol		2,009.4	µg/mL	+/- 11.6828	µg/mL	Gravimetric
	CAS # 100-02-7.SEC	(Lot 2J5LB)			+/- 24.0205	µg/mL	Unstressed
	Purity 99%				+/- 38.2283	µg/mL	Stressed
50	2,4-Dinitrotoluene		1,001.6	µg/mL	+/- 5.8368	µg/mL	Gravimetric
	CAS # 121-14-2.SEC	(Lot SHRSA)			+/- 11.9797	µg/mL	Unstressed
	Purity 99%				+/- 19.0593	µg/mL	Stressed
51	2,3,4,6-Tetrachlorophenol		1,006.8	µg/mL	+/- 5.8671	µg/mL	Gravimetric
	CAS # 58-90-2.SEC	(Lot LRAC4175)			+/- 12.0419	µg/mL	Unstressed
	Purity 99%				+/- 19.1582	µg/mL	Stressed
52	Fluorene		1,002.2	µg/mL	+/- 5.8403	µg/mL	Gravimetric
	CAS # 86-73-7.SEC	(Lot 8292200)			+/- 11.9869	µg/mL	Unstressed
	Purity 99%				+/- 19.0707	µg/mL	Stressed
53	n-Hexadecane (C16)		1,006.6	µg/mL	+/- 5.8660	µg/mL	Gravimetric
	CAS # 544-76-3.SEC	(Lot A0328141)			+/- 12.0395	µg/mL	Unstressed
	Purity 99%				+/- 19.1544	µg/mL	Stressed
54	Diethylphthalate		1,001.0	µg/mL	+/- 5.8333	µg/mL	Gravimetric
	CAS # 84-66-2.SEC	(Lot UMBJC)			+/- 11.9726	µg/mL	Unstressed
	Purity 99%				+/- 19.0478	µg/mL	Stressed
55	4-Chlorophenyl phenyl ether		1,004.9	µg/mL	+/- 5.8560	µg/mL	Gravimetric
	CAS # 7005-72-3.SEC	(Lot P31G)			+/- 12.0191	µg/mL	Unstressed
	Purity 98%				+/- 19.1219	µg/mL	Stressed

56	4-Nitroaniline		1,000.2	µg/mL	+/- 5.8287	µg/mL	Gravimetric
	CAS # 100-01-6.SEC	(Lot 5ITRC)			+/- 11.9630	µg/mL	Unstressed
	Purity 99%				+/- 19.0326	µg/mL	Stressed
57	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)		2,000.8	µg/mL	+/- 11.6328	µg/mL	Gravimetric
	CAS # 534-52-1.SEC	(Lot 8644800)			+/- 23.9177	µg/mL	Unstressed
	Purity 99%				+/- 38.0646	µg/mL	Stressed
58	Diphenylamine		849.8	µg/mL	+/- 4.9522	µg/mL	Gravimetric
	CAS # 122-39-4.SEC	(Lot 10164691)			+/- 10.1641	µg/mL	Unstressed
	Purity 99%				+/- 16.1707	µg/mL	Stressed
59	Azobenzene		1,003.6	µg/mL	+/- 5.8485	µg/mL	Gravimetric
	CAS # 103-33-3.SEC	(Lot JUWAG)			+/- 12.0037	µg/mL	Unstressed
	Purity 99%				+/- 19.0973	µg/mL	Stressed
60	4-Bromophenyl phenyl ether		1,005.2	µg/mL	+/- 5.8578	µg/mL	Gravimetric
	CAS # 101-55-3.SEC	(Lot 84C6D)			+/- 12.0228	µg/mL	Unstressed
	Purity 99%				+/- 19.1278	µg/mL	Stressed
61	Hexachlorobenzene		1,007.4	µg/mL	+/- 5.8706	µg/mL	Gravimetric
	CAS # 118-74-1.SEC	(Lot G137934)			+/- 12.0491	µg/mL	Unstressed
	Purity 99%				+/- 19.1696	µg/mL	Stressed
62	Pentachlorophenol		2,007.2	µg/mL	+/- 11.6700	µg/mL	Gravimetric
	CAS # 87-86-5.SEC	(Lot 5784900)			+/- 23.9942	µg/mL	Unstressed
	Purity 99%				+/- 38.1864	µg/mL	Stressed
63	n-Octadecane (C18)		1,005.6	µg/mL	+/- 5.8602	µg/mL	Gravimetric
	CAS # 593-45-3.SEC	(Lot G14U045)			+/- 12.0276	µg/mL	Unstressed
	Purity 99%				+/- 19.1354	µg/mL	Stressed
64	Phenanthrene		1,002.3	µg/mL	+/- 5.8412	µg/mL	Gravimetric
	CAS # 85-01-8.SEC	(Lot 8637000)			+/- 11.9886	µg/mL	Unstressed
	Purity 98%				+/- 19.0734	µg/mL	Stressed
65	Anthracene		1,000.4	µg/mL	+/- 5.8299	µg/mL	Gravimetric
	CAS # 120-12-7.SEC	(Lot WDFNJ)			+/- 11.9654	µg/mL	Unstressed
	Purity 99%				+/- 19.0364	µg/mL	Stressed
66	Carbazole		1,005.6	µg/mL	+/- 5.8602	µg/mL	Gravimetric
	CAS # 86-74-8.SEC	(Lot LMIZB)			+/- 12.0276	µg/mL	Unstressed
	Purity 99%				+/- 19.1354	µg/mL	Stressed
67	Di-n-butylphthalate		1,004.4	µg/mL	+/- 5.8532	µg/mL	Gravimetric
	CAS # 84-74-2.SEC	(Lot 42FSG)			+/- 12.0132	µg/mL	Unstressed
	Purity 99%				+/- 19.1125	µg/mL	Stressed
68	Fluoranthene		1,007.2	µg/mL	+/- 5.8695	µg/mL	Gravimetric
	CAS # 206-44-0.SEC	(Lot FREGF)			+/- 12.0467	µg/mL	Unstressed
	Purity 99%				+/- 19.1658	µg/mL	Stressed
69	Pyrene		1,005.6	µg/mL	+/- 5.8602	µg/mL	Gravimetric
	CAS # 129-00-0.SEC	(Lot ROVJC)			+/- 12.0276	µg/mL	Unstressed
	Purity 99%				+/- 19.1354	µg/mL	Stressed
70	Benzyl butyl phthalate		1,004.5	µg/mL	+/- 5.8537	µg/mL	Gravimetric
	CAS # 85-68-7.SEC	(Lot GX3GL)			+/- 12.0144	µg/mL	Unstressed
	Purity 98%				+/- 19.1144	µg/mL	Stressed
71	Benz(a)anthracene		1,006.2	µg/mL	+/- 5.8637	µg/mL	Gravimetric
	CAS # 56-55-3.SEC	(Lot MTENF)			+/- 12.0348	µg/mL	Unstressed
	Purity 99%				+/- 19.1468	µg/mL	Stressed

72	chrysene		1,001.2	µg/mL	+/-	5.8345	µg/mL	Gravimetric
	CAS # 218-01-9.SEC	(Lot NICZC)			+/-	11.9750	µg/mL	Unstressed
	Purity 99%				+/-	19.0517	µg/mL	Stressed
73	Bis(2-ethylhexyl)phthalate		1,006.6	µg/mL	+/-	5.8660	µg/mL	Gravimetric
	CAS # 117-81-7.SEC	(Lot MT8AG)			+/-	12.0395	µg/mL	Unstressed
	Purity 99%				+/-	19.1544	µg/mL	Stressed
74	Di-n-octyl phthalate		1,000.8	µg/mL	+/-	5.8322	µg/mL	Gravimetric
	CAS # 117-84-0.SEC	(Lot O8DLD)			+/-	11.9702	µg/mL	Unstressed
	Purity 99%				+/-	19.0440	µg/mL	Stressed
75	Benzo(b)fluoranthene		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 205-99-2.SEC	(Lot FLUSD)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
76	Benzo(k)fluoranthene		1,005.4	µg/mL	+/-	5.8590	µg/mL	Gravimetric
	CAS # 207-08-9.SEC	(Lot 6899200)			+/-	12.0252	µg/mL	Unstressed
	Purity 99%				+/-	19.1316	µg/mL	Stressed
77	Benzo(a)pyrene		1,006.3	µg/mL	+/-	5.8641	µg/mL	Gravimetric
	CAS # 50-32-8.SEC	(Lot M8DFD)			+/-	12.0357	µg/mL	Unstressed
	Purity 97%				+/-	19.1483	µg/mL	Stressed
78	Indeno(1,2,3-cd)pyrene		1,008.0	µg/mL	+/-	5.8741	µg/mL	Gravimetric
	CAS # 193-39-5.SEC	(Lot 02201571)			+/-	12.0563	µg/mL	Unstressed
	Purity 99%				+/-	19.1811	µg/mL	Stressed
79	Dibenz(a,h)anthracene		1,002.0	µg/mL	+/-	5.8392	µg/mL	Gravimetric
	CAS # 53-70-3.SEC	(Lot 0012012)			+/-	11.9845	µg/mL	Unstressed
	Purity 99%				+/-	19.0669	µg/mL	Stressed
80	Benzo(g,h,i)perylene		1,003.8	µg/mL	+/-	5.8495	µg/mL	Gravimetric
	CAS # 191-24-2.SEC	(Lot 0022012)			+/-	12.0058	µg/mL	Unstressed
	Purity 96%				+/-	19.1007	µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Specific Reference Material Notes:
N-nitrosodiphenylamine 1000 ug/mL equivalent when used for GC analysis. Actual formulation is diphenylamine 855 ug/mL.
N-Nitrosodiphenylamine is prone to breakdown in the injection port and will be converted to diphenylamine.
N-Nitrosodiphenylamine is also a reactive species that can initiate premature decomposition of other compounds in the mix. For these reasons diphenylamine is used in the preparation of this mixture. When comparing the response of this compound to mixtures manufactured using N-nitrosodiphenylamine, a difference in response will be observed.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

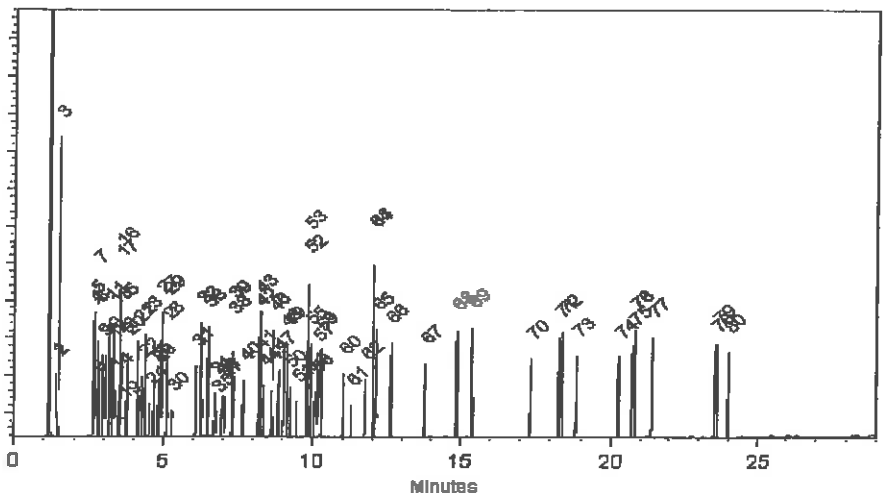
Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:
250°C

Det. Temp:
340°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.

Brandon Reish - Mix Technician

Date Mixed: 31-Mar-2020 **Balance:** B345965662

Jennifer Pollino - Operations Tech-ARM QC

Date Passed: 09-Apr-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)	< 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.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

8270L1S9-S_00009

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. : 569730.SEC **Lot No.:** A0159239

Description : 8270 List 1 / Std #9

8270 List 1 / Std #9 2000 µg/mL, Methylene chloride, 5mL/ampul

2799150
ID: 8270L1S9-S_00009
Exp 09/30/21 Prpd JKM Opn
8270 List 1 / Std#9 (Secc

Container Size : 10 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2021 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin.

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)		Expanded Uncertainty (95% C.L.; K=2)		
1	Benzidine		2,013.5	µg/mL	+/- 11.8163	µg/mL	Gravimetric
	CAS # 92-87-5.SEC	(Lot 8616600)			+/- 24.1230	µg/mL	Unstressed
	Purity 99%				+/- 38.3399	µg/mL	Stressed
2	3,3'-Dichlorobenzidine		2,000.0	µg/mL	+/- 11.7371	µg/mL	Gravimetric
	CAS # 91-94-1.SEC	(Lot 8490800)			+/- 23.9613	µg/mL	Unstressed
	Purity 99%				+/- 38.0829	µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

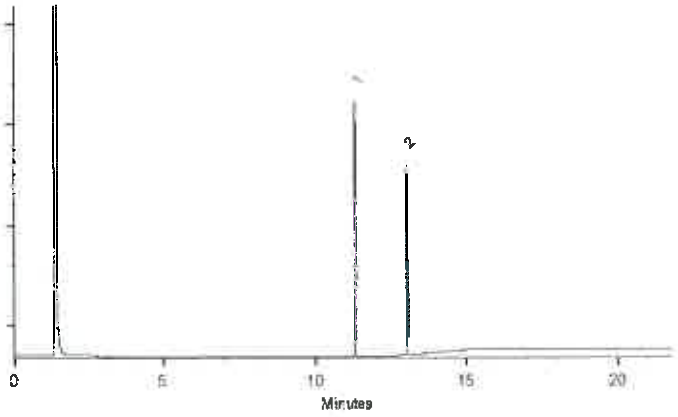
Carrier Gas:
hydrogen-constant pressure 10 psi.

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.

Brandon Relsh - Mix Technician

Date Mixed: 26-Mar-2020 **Balance:** 1122030677

Justine Albertson - Operations Tech-ARM QC

Date Passed: 30-Mar-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)	< 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.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

8270Mega_1stk_00016

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. : 571995 **Lot No.:** A0164427

Description : 8270 List 1 / Std #1 MegaMix (2017)

8270 List 1 / Std #1 MegaMix (2017) 500-2000 µg/mL, Methylene chloride, 5mL/ampul

Container Size : 10 mL **Pkg Amt:** > 5 mL

Expiration Date : March 31, 2022 **Storage:** 0°C or colder

Handling: Carcinogen/reproductive toxin. Photosensitive. Sonicate. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L., K=2)	
1	1,4-Dioxane **CAS #** 123-91-1 **Purity** 99%	(Lot SHBL6661)	1,003.9 µg/mL	+/- 5.8368 µg/mL +/- 12.0007 µg/mL +/- 19.0989 µg/mL	Gravimetric Unstressed Stressed
2	N-Nitrosodimethylamine **CAS #** 62-75-9 **Purity** 99%	(Lot 200326JLM)	1,006.2 µg/mL	+/- 5.8501 µg/mL +/- 12.0282 µg/mL +/- 19.1427 µg/mL	Gravimetric Unstressed Stressed
3	Pyridine **CAS #** 110-86-1 **Purity** 99%	(Lot SHBK6453)	2,012.6 µg/mL	+/- 11.7014 µg/mL +/- 24.0587 µg/mL +/- 38.2891 µg/mL	Gravimetric Unstressed Stressed
4	Phenol **CAS #** 108-95-2 **Purity** 99%	(Lot MKCK1120)	1,008.2 µg/mL	+/- 5.8618 µg/mL +/- 12.0521 µg/mL +/- 19.1807 µg/mL	Gravimetric Unstressed Stressed
5	Aniline **CAS #** 62-53-3 **Purity** 99%	(Lot SHBF4593V)	1,004.3 µg/mL	+/- 5.8391 µg/mL +/- 12.0055 µg/mL +/- 19.1065 µg/mL	Gravimetric Unstressed Stressed
6	Bis(2-chloroethyl)ether **CAS #** 111-44-4 **Purity** 99%	(Lot SHBJ2059)	1,004.7 µg/mL	+/- 5.8414 µg/mL +/- 12.0102 µg/mL +/- 19.1141 µg/mL	Gravimetric Unstressed Stressed
7	n-Decane (C10) **CAS #** 124-18-5 **Purity** 99%	(Lot SHBL4313)	1,007.1 µg/mL	+/- 5.8554 µg/mL +/- 12.0389 µg/mL +/- 19.1598 µg/mL	Gravimetric Unstressed Stressed

8	2-Chlorophenol **CAS #** 95-57-8 **Purity** 99%	(Lot STBH7290)	1,003.2	µg/mL	+/- 5.8327 +/- 11.9923 +/- 19.0856	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
9	1,3-Dichlorobenzene **CAS #** 541-73-1 **Purity** 99%	(Lot BCBQ7100V)	1,002.9	µg/mL	+/- 5.8309 +/- 11.9887 +/- 19.0799	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
10	1,4-Dichlorobenzene **CAS #** 106-46-7 **Purity** 99%	(Lot MKBS4401V)	1,005.8	µg/mL	+/- 5.8478 +/- 12.0234 +/- 19.1351	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
11	Benzyl alcohol **CAS #** 100-51-6 **Purity** 99%	(Lot SHBK5943)	1,003.3	µg/mL	+/- 5.8333 +/- 11.9935 +/- 19.0875	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
12	1,2-Dichlorobenzene **CAS #** 95-50-1 **Purity** 99%	(Lot SHBK7741)	1,007.3	µg/mL	+/- 5.8565 +/- 12.0413 +/- 19.1636	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
13	2-Methylphenol (o-cresol) **CAS #** 95-48-7 **Purity** 99%	(Lot SHBH6379)	1,005.5	µg/mL	+/- 5.8461 +/- 12.0198 +/- 19.1293	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
14	2,2'-oxybis(1-chloropropane) **CAS #** 108-60-1 **Purity** 98%	(Lot 9788700)	1,006.6	µg/mL	+/- 5.8522 +/- 12.0325 +/- 19.1495	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
15	Acetophenone **CAS #** 98-86-2 **Purity** 99%	(Lot STBH8205)	1,002.3	µg/mL	+/- 5.8275 +/- 11.9816 +/- 19.0685	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
16	3-Methylphenol (m-cresol) **CAS #** 108-39-4 **Purity** 99%	(Lot SHBD0627V)	501.7	µg/mL	+/- 2.9237 +/- 6.0006 +/- 9.5468	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
17	4-Methylphenol (p-cresol) **CAS #** 106-44-5 **Purity** 99%	(Lot 49396AP)	502.1	µg/mL	+/- 2.9260 +/- 6.0054 +/- 9.5544	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
18	N-Nitroso-di-n-propylamine **CAS #** 621-64-7 **Purity** 99%	(Lot 2D5VJ)	1,007.4	µg/mL	+/- 5.8571 +/- 12.0425 +/- 19.1655	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
19	Hexachloroethane **CAS #** 67-72-1 **Purity** 99%	(Lot ENSIK)	1,007.9	µg/mL	+/- 5.8600 +/- 12.0485 +/- 19.1750	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
20	Nitrobenzene **CAS #** 98-95-3 **Purity** 99%	(Lot SHBJ3622)	1,004.8	µg/mL	+/- 5.8420 +/- 12.0114 +/- 19.1160	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
21	Isophorone **CAS #** 78-59-1 **Purity** 99%	(Lot MKCC9506)	1,004.3	µg/mL	+/- 5.8391 +/- 12.0055 +/- 19.1065	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
22	2-Nitrophenol **CAS #** 88-75-5 **Purity** 99%	(Lot BCCB2407)	1,007.6	µg/mL	+/- 5.8583 +/- 12.0449 +/- 19.1693	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
23	2,4-Dimethylphenol **CAS #** 105-67-9 **Purity** 99%	(Lot 10165155)	1,006.0	µg/mL	+/- 5.8490 +/- 12.0258 +/- 19.1389	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

24	Bis(2-chloroethoxy)methane **CAS #** 111-91-1 **Purity** 99%	(Lot 9890600)	1,005.6	µg/mL	+/- 5.8466 +/- 12.0210 +/- 19.1312	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
25	2,4-Dichlorophenol **CAS #** 120-83-2 **Purity** 99%	(Lot BCBJ8113V)	1,006.3	µg/mL	+/- 5.8507 +/- 12.0294 +/- 19.1446	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
26	1,2,4-Trichlorobenzene **CAS #** 120-82-1 **Purity** 99%	(Lot SHBJ9215)	1,006.9	µg/mL	+/- 5.8542 +/- 12.0365 +/- 19.1560	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
27	Naphthalene **CAS #** 91-20-3 **Purity** 99%	(Lot MKBZ8680V)	1,003.6	µg/mL	+/- 5.8350 +/- 11.9971 +/- 19.0932	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
28	2,6-Dichlorophenol **CAS #** 87-65-0 **Purity** 99%	(Lot MKCK2863)	1,008.2	µg/mL	+/- 5.8618 +/- 12.0521 +/- 19.1807	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
29	4-Chloroaniline **CAS #** 106-47-8 **Purity** 99%	(Lot BCBJ1580V)	1,004.1	µg/mL	+/- 5.8379 +/- 12.0031 +/- 19.1027	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
30	Hexachlorobutadiene **CAS #** 87-68-3 **Purity** 98%	(Lot J31X013)	1,004.4	µg/mL	+/- 5.8397 +/- 12.0067 +/- 19.1085	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
31	4-Chloro-3-methylphenol **CAS #** 59-50-7 **Purity** 99%	(Lot STBC7309V)	1,007.8	µg/mL	+/- 5.8594 +/- 12.0473 +/- 19.1731	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
32	2-Methylnaphthalene **CAS #** 91-57-6 **Purity** 96%	(Lot STBG8884)	999.1	µg/mL	+/- 5.8087 +/- 11.9430 +/- 19.0071	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
33	1-Methylnaphthalene **CAS #** 90-12-0 **Purity** 99%	(Lot 523400-9)	1,007.7	µg/mL	+/- 5.8589 +/- 12.0461 +/- 19.1712	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
34	1,2,4,5-Tetrachlorobenzene **CAS #** 95-94-3 **Purity** 99%	(Lot MKCG5992)	1,003.1	µg/mL	+/- 5.8321 +/- 11.9911 +/- 19.0837	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
35	Hexachlorocyclopentadiene **CAS #** 77-47-4 **Purity** 99%	(Lot 0012019)	1,007.1	µg/mL	+/- 5.8554 +/- 12.0389 +/- 19.1598	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
36	2,4,6-Trichlorophenol **CAS #** 88-06-2 **Purity** 99%	(Lot STBH7520)	1,006.1	µg/mL	+/- 5.8496 +/- 12.0270 +/- 19.1408	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
37	2,4,5-Trichlorophenol **CAS #** 95-95-4 **Purity** 98%	(Lot FHN01)	1,007.8	µg/mL	+/- 5.8596 +/- 12.0477 +/- 19.1737	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
38	2-Chloronaphthalene **CAS #** 91-58-7 **Purity** 99%	(Lot AJ2UI)	1,006.7	µg/mL	+/- 5.8530 +/- 12.0342 +/- 19.1522	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
39	Biphenyl **CAS #** 92-52-4 **Purity** 99%	(Lot MKCD8504)	1,006.6	µg/mL	+/- 5.8525 +/- 12.0330 +/- 19.1503	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

40	2-Nitroaniline **CAS #** 88-74-4 **Purity** 99%	(Lot MKCJ8895)	1,004.5	µg/mL	+/- 5.8402 +/- 12.0079 +/- 19.1103	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
41	Acenaphthylene **CAS #** 208-96-8 **Purity** 97%	(Lot L02U)	1,004.7	µg/mL	+/- 5.8416 +/- 12.0106 +/- 19.1146	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
42	1,3-Dinitrobenzene **CAS #** 99-65-0 **Purity** 99%	(Lot BCBN4329V)	1,003.6	µg/mL	+/- 5.8350 +/- 11.9971 +/- 19.0932	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
43	Dimethylphthalate **CAS #** 131-11-3 **Purity** 99%	(Lot 10117699)	1,008.3	µg/mL	+/- 5.8623 +/- 12.0533 +/- 19.1826	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
44	2,6-Dinitrotoluene **CAS #** 606-20-2 **Purity** 99%	(Lot BCBB8606)	1,003.4	µg/mL	+/- 5.8339 +/- 11.9947 +/- 19.0894	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
45	3-Nitroaniline **CAS #** 99-09-2 **Purity** 99%	(Lot MKCH5457)	1,005.6	µg/mL	+/- 5.8466 +/- 12.0210 +/- 19.1312	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
46	Acenaphthene **CAS #** 83-32-9 **Purity** 99%	(Lot MKCK2310)	1,002.2	µg/mL	+/- 5.8269 +/- 11.9804 +/- 19.0666	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
47	2,4-Dinitrophenol **CAS #** 51-28-5 **Purity** 99%	(Lot STBH7564)	2,006.6	µg/mL	+/- 11.6665 +/- 23.9870 +/- 38.1750	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
48	Dibenzofuran **CAS #** 132-64-9 **Purity** 99%	(Lot MKCD9952)	1,007.5	µg/mL	+/- 5.8577 +/- 12.0437 +/- 19.1674	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
49	4-Nitrophenol **CAS #** 100-02-7 **Purity** 99%	(Lot MKCF6111)	2,013.8	µg/mL	+/- 11.7084 +/- 24.0731 +/- 38.3120	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
50	2,4-Dinitrotoluene **CAS #** 121-14-2 **Purity** 99%	(Lot MKAA0690V)	1,007.8	µg/mL	+/- 5.8594 +/- 12.0473 +/- 19.1731	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
51	2,3,4,6-Tetrachlorophenol **CAS #** 58-90-2 **Purity** 99%	(Lot PR-30126)	1,007.4	µg/mL	+/- 5.8571 +/- 12.0425 +/- 19.1655	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
52	Fluorene **CAS #** 86-73-7 **Purity** 99%	(Lot 10217947)	1,003.7	µg/mL	+/- 5.8356 +/- 11.9983 +/- 19.0951	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
53	n-Hexadecane (C16) **CAS #** 544-76-3 **Purity** 99%	(Lot SHBJ7508)	1,003.5	µg/mL	+/- 5.8344 +/- 11.9959 +/- 19.0913	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
54	Diethylphthalate **CAS #** 84-66-2 **Purity** 99%	(Lot MKCD2547)	1,004.1	µg/mL	+/- 5.8379 +/- 12.0031 +/- 19.1027	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
55	4-Chlorophenyl phenyl ether **CAS #** 7005-72-3 **Purity** 99%	(Lot MKCJ6392)	1,006.9	µg/mL	+/- 5.8542 +/- 12.0365 +/- 19.1560	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

56	4-Nitroaniline		1,004.3	µg/mL	+/- 5.8391	µg/mL	Gravimetric
	CAS # 100-01-6	(Lot BCCC2312)			+/- 12.0055	µg/mL	Unstressed
	Purity 99%				+/- 19.1065	µg/mL	Stressed
57	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)		2,015.2	µg/mL	+/- 11.7165	µg/mL	Gravimetric
	CAS # 534-52-1	(Lot P012019-414)			+/- 24.0898	µg/mL	Unstressed
	Purity 99%				+/- 38.3386	µg/mL	Stressed
58	Diphenylamine		852.2	µg/mL	+/- 4.9662	µg/mL	Gravimetric
	CAS # 122-39-4	(Lot MKBN8295V)			+/- 10.1928	µg/mL	Unstressed
	Purity 99%				+/- 16.2164	µg/mL	Stressed
59	Azobenzene		1,007.4	µg/mL	+/- 5.8571	µg/mL	Gravimetric
	CAS # 103-33-3	(Lot BCCB8438)			+/- 12.0425	µg/mL	Unstressed
	Purity 99%				+/- 19.1655	µg/mL	Stressed
60	4-Bromophenyl phenyl ether		1,006.6	µg/mL	+/- 5.8525	µg/mL	Gravimetric
	CAS # 101-55-3	(Lot STBB9729V)			+/- 12.0330	µg/mL	Unstressed
	Purity 99%				+/- 19.1503	µg/mL	Stressed
61	Hexachlorobenzene		1,007.2	µg/mL	+/- 5.8559	µg/mL	Gravimetric
	CAS # 118-74-1	(Lot CCS-0410)			+/- 12.0401	µg/mL	Unstressed
	Purity 99%				+/- 19.1617	µg/mL	Stressed
62	Pentachlorophenol		2,010.7	µg/mL	+/- 11.6904	µg/mL	Gravimetric
	CAS # 87-86-5	(Lot 200820KJ)			+/- 24.0360	µg/mL	Unstressed
	Purity 99%				+/- 38.2530	µg/mL	Stressed
63	n-Octadecane (C18)		1,005.0	µg/mL	+/- 5.8432	µg/mL	Gravimetric
	CAS # 593-45-3	(Lot RI6FI)			+/- 12.0138	µg/mL	Unstressed
	Purity 99%				+/- 19.1198	µg/mL	Stressed
64	Phenanthrene		1,004.0	µg/mL	+/- 5.8373	µg/mL	Gravimetric
	CAS # 85-01-8	(Lot MKCG6676)			+/- 12.0019	µg/mL	Unstressed
	Purity 99%				+/- 19.1008	µg/mL	Stressed
65	Anthracene		1,004.4	µg/mL	+/- 5.8397	µg/mL	Gravimetric
	CAS # 120-12-7	(Lot MKCM0015)			+/- 12.0067	µg/mL	Unstressed
	Purity 99%				+/- 19.1084	µg/mL	Stressed
66	Carbazole		1,008.9	µg/mL	+/- 5.8658	µg/mL	Gravimetric
	CAS # 86-74-8	(Lot 10455200)			+/- 12.0605	µg/mL	Unstressed
	Purity 99%				+/- 19.1940	µg/mL	Stressed
67	Di-n-butylphthalate		1,003.8	µg/mL	+/- 5.8362	µg/mL	Gravimetric
	CAS # 84-74-2	(Lot MKCJ3790)			+/- 11.9995	µg/mL	Unstressed
	Purity 99%				+/- 19.0970	µg/mL	Stressed
68	Fluoranthene		1,008.1	µg/mL	+/- 5.8613	µg/mL	Gravimetric
	CAS # 206-44-0	(Lot MKBQ6360V)			+/- 12.0512	µg/mL	Unstressed
	Purity 98%				+/- 19.1793	µg/mL	Stressed
69	Pyrene		1,004.1	µg/mL	+/- 5.8379	µg/mL	Gravimetric
	CAS # 129-00-0	(Lot BCCB9880)			+/- 12.0031	µg/mL	Unstressed
	Purity 99%				+/- 19.1027	µg/mL	Stressed
70	Benzyl butyl phthalate		1,007.7	µg/mL	+/- 5.8589	µg/mL	Gravimetric
	CAS # 85-68-7	(Lot MKCF0058)			+/- 12.0461	µg/mL	Unstressed
	Purity 99%				+/- 19.1712	µg/mL	Stressed
71	Benz(a)anthracene		1,008.0	µg/mL	+/- 5.8606	µg/mL	Gravimetric
	CAS # 56-55-3	(Lot RP200715)			+/- 12.0497	µg/mL	Unstressed
	Purity 99%				+/- 19.1769	µg/mL	Stressed

72	Chrysene		1,008.9	µg/mL	+/-	5.8658	µg/mL	Gravimetric
	CAS # 218-01-9	(Lot 012015)			+/-	12.0605	µg/mL	Unstressed
	Purity 99%				+/-	19.1940	µg/mL	Stressed
73	Bis(2-ethylhexyl)phthalate		1,002.7	µg/mL	+/-	5.8298	µg/mL	Gravimetric
	CAS # 117-81-7	(Lot MKCJ1159)			+/-	11.9863	µg/mL	Unstressed
	Purity 99%				+/-	19.0761	µg/mL	Stressed
74	Di-n-octyl phthalate		1,007.6	µg/mL	+/-	5.8583	µg/mL	Gravimetric
	CAS # 117-84-0	(Lot 10532100)			+/-	12.0449	µg/mL	Unstressed
	Purity 99%				+/-	19.1693	µg/mL	Stressed
75	Benzo(b)fluoranthene		1,006.0	µg/mL	+/-	5.8490	µg/mL	Gravimetric
	CAS # 205-99-2	(Lot 012020B)			+/-	12.0258	µg/mL	Unstressed
	Purity 99%				+/-	19.1389	µg/mL	Stressed
76	Benzo(k)fluoranthene		1,005.2	µg/mL	+/-	5.8443	µg/mL	Gravimetric
	CAS # 207-08-9	(Lot 012017K)			+/-	12.0162	µg/mL	Unstressed
	Purity 99%				+/-	19.1236	µg/mL	Stressed
77	Benzo(a)pyrene		1,005.0	µg/mL	+/-	5.8432	µg/mL	Gravimetric
	CAS # 50-32-8	(Lot RP200901)			+/-	12.0138	µg/mL	Unstressed
	Purity 99%				+/-	19.1198	µg/mL	Stressed
78	Indeno(1,2,3-cd)pyrene		1,004.6	µg/mL	+/-	5.8408	µg/mL	Gravimetric
	CAS # 193-39-5	(Lot 11-FLI-175-4)			+/-	12.0091	µg/mL	Unstressed
	Purity 99%				+/-	19.1122	µg/mL	Stressed
79	Dibenz(a,h)anthracene		1,005.7	µg/mL	+/-	5.8472	µg/mL	Gravimetric
	CAS # 53-70-3	(Lot ER032211-01)			+/-	12.0222	µg/mL	Unstressed
	Purity 99%				+/-	19.1332	µg/mL	Stressed
80	Benzo(g,h,i)perylene		1,003.6	µg/mL	+/-	5.8350	µg/mL	Gravimetric
	CAS # 191-24-2	(Lot 8GFYJ)			+/-	11.9971	µg/mL	Unstressed
	Purity 99%				+/-	19.0932	µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Specific Reference Material Notes:

N-nitrosodiphenylamine 1000 ug/mL equivalent when used for GC analysis. Actual formulation is diphenylamine 855 ug/mL.
N-Nitrosodiphenylamine is prone to breakdown in the injection port and will be converted to diphenylamine.
N-Nitrosodiphenylamine is also a reactive species that can initiate premature decomposition of other compounds in the mix. For these reasons diphenylamine is used in the preparation of this mixture. When comparing the response of this compound to mixtures manufactured using N-nitrosodiphenylamine, a difference in response will be observed.
This lot was approved even though the %D for 4,6-DN-2-MP was greater than 10%.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

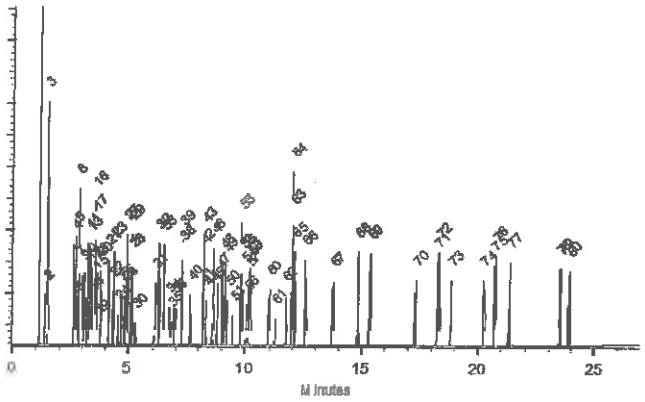
Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:
250°C

Det. Temp:
340°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.

Tom Suckar - Mix Technician

Date Mixed: 15-Sep-2020 **Balance:** B442140311

Justine Albertson - Operations Tech-ARM QC

Date Passed: 25-Sep-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.

Reagent

8270Mega_1stk_00018

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. : 571995 **Lot No.:** A0175066

Description : 8270 List 1 / Std #1 MegaMix (2017)

8270 List 1 / Std #1 MegaMix (2017) 500-2000 µg/mL, Methylene chloride, 5mL/ampul

Container Size : 10 mL **Pkg Amt:** > 5 mL

Expiration Date : February 28, 2023 **Storage:** 0°C or colder

Handling: Carcinogen/reproductive toxin. Photosensitive. Sonicate. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	1,4-Dioxane **CAS #** 123-91-1 (Lot SHBM9675) **Purity** 99%	1,001.8 µg/mL	+/- 5.8246 µg/mL +/- 11.9756 µg/mL +/- 19.0590 µg/mL	Gravimetric Unstressed Stressed
2	N-Nitrosodimethylamine **CAS #** 62-75-9 (Lot 210512JLM) **Purity** 99%	1,002.3 µg/mL	+/- 5.8277 µg/mL +/- 11.9820 µg/mL +/- 19.0691 µg/mL	Gravimetric Unstressed Stressed
3	Pyridine **CAS #** 110-86-1 (Lot SHBL0433) **Purity** 99%	2,001.8 µg/mL	+/- 11.6386 µg/mL +/- 23.9296 µg/mL +/- 38.0837 µg/mL	Gravimetric Unstressed Stressed
4	Phenol **CAS #** 108-95-2 (Lot MKCK1120) **Purity** 99%	1,001.1 µg/mL	+/- 5.8207 µg/mL +/- 11.9676 µg/mL +/- 19.0463 µg/mL	Gravimetric Unstressed Stressed
5	Aniline **CAS #** 62-53-3 (Lot K22Z462) **Purity** 99%	1,004.1 µg/mL	+/- 5.8377 µg/mL +/- 12.0027 µg/mL +/- 19.1021 µg/mL	Gravimetric Unstressed Stressed
6	Bis(2-chloroethyl)ether **CAS #** 111-44-4 (Lot SHBL6942) **Purity** 99%	1,002.4 µg/mL	+/- 5.8280 µg/mL +/- 11.9828 µg/mL +/- 19.0704 µg/mL	Gravimetric Unstressed Stressed
7	n-Decane (C10) **CAS #** 124-18-5 (Lot SHBJ9898) **Purity** 99%	1,000.3 µg/mL	+/- 5.8160 µg/mL +/- 11.9580 µg/mL +/- 19.0311 µg/mL	Gravimetric Unstressed Stressed

8	2-Chlorophenol **CAS #** 95-57-8 **Purity** 99%	(Lot STBH7290)	1,001.3	µg/mL	+/- 5.8215 +/- 11.9692 +/- 19.0488	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
9	1,3-Dichlorobenzene **CAS #** 541-73-1 **Purity** 99%	(Lot BCBZ7498)	1,002.7	µg/mL	+/- 5.8300 +/- 11.9867 +/- 19.0767	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
10	1,4-Dichlorobenzene **CAS #** 106-46-7 **Purity** 99%	(Lot MKBS4401V)	1,002.0	µg/mL	+/- 5.8257 +/- 11.9780 +/- 19.0628	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
11	Benzyl alcohol **CAS #** 100-51-6 **Purity** 99%	(Lot SHBK5943)	1,001.4	µg/mL	+/- 5.8222 +/- 11.9708 +/- 19.0513	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
12	1,2-Dichlorobenzene **CAS #** 95-50-1 **Purity** 99%	(Lot SHBK7741)	1,001.5	µg/mL	+/- 5.8230 +/- 11.9724 +/- 19.0539	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
13	2-Methylphenol (o-cresol) **CAS #** 95-48-7 **Purity** 99%	(Lot SHBH6379)	1,000.5	µg/mL	+/- 5.8172 +/- 11.9604 +/- 19.0349	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
14	2,2'-oxybis(1-chloropropane) **CAS #** 108-60-1 **Purity** 99%	(Lot 11885400)	1,002.5	µg/mL	+/- 5.8288 +/- 11.9843 +/- 19.0729	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
15	Acetophenone **CAS #** 98-86-2 **Purity** 99%	(Lot STBH8205)	1,001.3	µg/mL	+/- 5.8218 +/- 11.9700 +/- 19.0501	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
16	3-Methylphenol (m-cresol) **CAS #** 108-39-4 **Purity** 99%	(Lot SHBD0627V)	500.1	µg/mL	+/- 2.9145 +/- 5.9819 +/- 9.5169	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
17	4-Methylphenol (p-cresol) **CAS #** 106-44-5 **Purity** 99%	(Lot SHBL4411)	500.2	µg/mL	+/- 2.9149 +/- 5.9827 +/- 9.5182	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
18	N-Nitroso-di-n-propylamine **CAS #** 621-64-7 **Purity** 99%	(Lot 2D5VJ)	1,001.5	µg/mL	+/- 5.8230 +/- 11.9724 +/- 19.0539	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
19	Hexachloroethane **CAS #** 67-72-1 **Purity** 99%	(Lot ENSIK)	1,000.3	µg/mL	+/- 5.8156 +/- 11.9573 +/- 19.0298	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
20	Nitrobenzene **CAS #** 98-95-3 **Purity** 99%	(Lot MKCK4267)	1,002.0	µg/mL	+/- 5.8257 +/- 11.9780 +/- 19.0628	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
21	Isophorone **CAS #** 78-59-1 **Purity** 99%	(Lot MKCC9506)	1,001.3	µg/mL	+/- 5.8215 +/- 11.9692 +/- 19.0488	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
22	2-Nitrophenol **CAS #** 88-75-5 **Purity** 99%	(Lot BCCB2407)	1,003.5	µg/mL	+/- 5.8342 +/- 11.9955 +/- 19.0907	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
23	2,4-Dimethylphenol **CAS #** 105-67-9 **Purity** 99%	(Lot B2L4B)	1,002.1	µg/mL	+/- 5.8261 +/- 11.9788 +/- 19.0640	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

24	Bis(2-chloroethoxy)methane		1,003.0	µg/mL	+/-	5.8315	µg/mL	Gravimetric
	CAS # 111-91-1	(Lot 9890600)			+/-	11.9899	µg/mL	Unstressed
	Purity 99%				+/-	19.0818	µg/mL	Stressed
25	2,4-Dichlorophenol		1,000.9	µg/mL	+/-	5.8195	µg/mL	Gravimetric
	CAS # 120-83-2	(Lot BCBZ6787)			+/-	11.9652	µg/mL	Unstressed
	Purity 99%				+/-	19.0425	µg/mL	Stressed
26	1,2,4-Trichlorobenzene		1,003.4	µg/mL	+/-	5.8339	µg/mL	Gravimetric
	CAS # 120-82-1	(Lot SHBM0526)			+/-	11.9947	µg/mL	Unstressed
	Purity 99%				+/-	19.0894	µg/mL	Stressed
27	Naphthalene		1,003.5	µg/mL	+/-	5.8346	µg/mL	Gravimetric
	CAS # 91-20-3	(Lot MKCH0219)			+/-	11.9963	µg/mL	Unstressed
	Purity 99%				+/-	19.0919	µg/mL	Stressed
28	2,6-Dichlorophenol		1,000.1	µg/mL	+/-	5.8149	µg/mL	Gravimetric
	CAS # 87-65-0	(Lot MKCK2863)			+/-	11.9557	µg/mL	Unstressed
	Purity 99%				+/-	19.0272	µg/mL	Stressed
29	4-Chloroaniline		1,001.8	µg/mL	+/-	5.8246	µg/mL	Gravimetric
	CAS # 106-47-8	(Lot BCBJ1580V)			+/-	11.9756	µg/mL	Unstressed
	Purity 99%				+/-	19.0590	µg/mL	Stressed
30	Hexachlorobutadiene		1,001.6	µg/mL	+/-	5.8234	µg/mL	Gravimetric
	CAS # 87-68-3	(Lot 664800)			+/-	11.9732	µg/mL	Unstressed
	Purity 99%				+/-	19.0551	µg/mL	Stressed
31	4-Chloro-3-methylphenol		1,000.3	µg/mL	+/-	5.8160	µg/mL	Gravimetric
	CAS # 59-50-7	(Lot STBC7309V)			+/-	11.9580	µg/mL	Unstressed
	Purity 99%				+/-	19.0311	µg/mL	Stressed
32	2-Methylnaphthalene		1,001.2	µg/mL	+/-	5.8211	µg/mL	Gravimetric
	CAS # 91-57-6	(Lot STBG8884)			+/-	11.9684	µg/mL	Unstressed
	Purity 99%				+/-	19.0475	µg/mL	Stressed
33	1-Methylnaphthalene		1,001.7	µg/mL	+/-	5.8238	µg/mL	Gravimetric
	CAS # 90-12-0	(Lot 5234.00-3)			+/-	11.9740	µg/mL	Unstressed
	Purity 99%				+/-	19.0564	µg/mL	Stressed
34	1,2,4,5-Tetrachlorobenzene		1,001.1	µg/mL	+/-	5.8203	µg/mL	Gravimetric
	CAS # 95-94-3	(Lot MKCG5992)			+/-	11.9668	µg/mL	Unstressed
	Purity 99%				+/-	19.0450	µg/mL	Stressed
35	Hexachlorocyclopentadiene		1,001.6	µg/mL	+/-	5.8234	µg/mL	Gravimetric
	CAS # 77-47-4	(Lot 0012020)			+/-	11.9732	µg/mL	Unstressed
	Purity 99%				+/-	19.0551	µg/mL	Stressed
36	2,4,6-Trichlorophenol		1,001.8	µg/mL	+/-	5.8246	µg/mL	Gravimetric
	CAS # 88-06-2	(Lot STBJ5914)			+/-	11.9756	µg/mL	Unstressed
	Purity 99%				+/-	19.0590	µg/mL	Stressed
37	2,4,5-Trichlorophenol		1,001.4	µg/mL	+/-	5.8220	µg/mL	Gravimetric
	CAS # 95-95-4	(Lot FHN01)			+/-	11.9704	µg/mL	Unstressed
	Purity 98%				+/-	19.0507	µg/mL	Stressed
38	2-Chloronaphthalene		1,000.4	µg/mL	+/-	5.8164	µg/mL	Gravimetric
	CAS # 91-58-7	(Lot TWYRD)			+/-	11.9588	µg/mL	Unstressed
	Purity 99%				+/-	19.0323	µg/mL	Stressed
39	Biphenyl		1,001.5	µg/mL	+/-	5.8230	µg/mL	Gravimetric
	CAS # 92-52-4	(Lot MKCJ6240)			+/-	11.9724	µg/mL	Unstressed
	Purity 99%				+/-	19.0539	µg/mL	Stressed

40	2-Nitroaniline		1,001.1	µg/mL	+/-	5.8203	µg/mL	Gravimetric
	CAS # 88-74-4	(Lot MKCJ8895)			+/-	11.9668	µg/mL	Unstressed
	Purity 99%				+/-	19.0450	µg/mL	Stressed
41	Acenaphthylene		1,001.0	µg/mL	+/-	5.8197	µg/mL	Gravimetric
	CAS # 208-96-8	(Lot P06V)			+/-	11.9657	µg/mL	Unstressed
	Purity 98%				+/-	19.0432	µg/mL	Stressed
42	1,3-Dinitrobenzene		1,001.9	µg/mL	+/-	5.8249	µg/mL	Gravimetric
	CAS # 99-65-0	(Lot 1-DXX-24-1)			+/-	11.9764	µg/mL	Unstressed
	Purity 99%				+/-	19.0602	µg/mL	Stressed
43	Dimethylphthalate		1,002.8	µg/mL	+/-	5.8304	µg/mL	Gravimetric
	CAS # 131-11-3	(Lot 10117699)			+/-	11.9875	µg/mL	Unstressed
	Purity 99%				+/-	19.0780	µg/mL	Stressed
44	2,6-Dinitrotoluene		1,002.0	µg/mL	+/-	5.8257	µg/mL	Gravimetric
	CAS # 606-20-2	(Lot BCBB8606)			+/-	11.9780	µg/mL	Unstressed
	Purity 99%				+/-	19.0628	µg/mL	Stressed
45	3-Nitroaniline		1,000.1	µg/mL	+/-	5.8149	µg/mL	Gravimetric
	CAS # 99-09-2	(Lot MKCH5457)			+/-	11.9557	µg/mL	Unstressed
	Purity 99%				+/-	19.0272	µg/mL	Stressed
46	Acenaphthene		1,002.5	µg/mL	+/-	5.8288	µg/mL	Gravimetric
	CAS # 83-32-9	(Lot MKCN0610)			+/-	11.9843	µg/mL	Unstressed
	Purity 99%				+/-	19.0729	µg/mL	Stressed
47	2,4-Dinitrophenol		2,001.1	µg/mL	+/-	11.6344	µg/mL	Gravimetric
	CAS # 51-28-5	(Lot STBH7564)			+/-	23.9209	µg/mL	Unstressed
	Purity 99%				+/-	38.0697	µg/mL	Stressed
48	Dibenzofuran		1,000.1	µg/mL	+/-	5.8149	µg/mL	Gravimetric
	CAS # 132-64-9	(Lot MKCN1772)			+/-	11.9557	µg/mL	Unstressed
	Purity 99%				+/-	19.0272	µg/mL	Stressed
49	4-Nitrophenol		2,004.5	µg/mL	+/-	11.6545	µg/mL	Gravimetric
	CAS # 100-02-7	(Lot MKCF6111)			+/-	23.9623	µg/mL	Unstressed
	Purity 99%				+/-	38.1357	µg/mL	Stressed
50	2,4-Dinitrotoluene		1,002.0	µg/mL	+/-	5.8257	µg/mL	Gravimetric
	CAS # 121-14-2	(Lot MKAA0690V)			+/-	11.9780	µg/mL	Unstressed
	Purity 99%				+/-	19.0628	µg/mL	Stressed
51	2,3,4,6-Tetrachlorophenol		1,000.1	µg/mL	+/-	5.8149	µg/mL	Gravimetric
	CAS # 58-90-2	(Lot PR-30126)			+/-	11.9557	µg/mL	Unstressed
	Purity 99%				+/-	19.0272	µg/mL	Stressed
52	Fluorene		1,000.7	µg/mL	+/-	5.8180	µg/mL	Gravimetric
	CAS # 86-73-7	(Lot 094650L18G)			+/-	11.9620	µg/mL	Unstressed
	Purity 99%				+/-	19.0374	µg/mL	Stressed
53	n-Hexadecane (C16)		1,000.9	µg/mL	+/-	5.8191	µg/mL	Gravimetric
	CAS # 544-76-3	(Lot SHBL8588)			+/-	11.9644	µg/mL	Unstressed
	Purity 99%				+/-	19.0412	µg/mL	Stressed
54	Diethylphthalate		1,000.7	µg/mL	+/-	5.8183	µg/mL	Gravimetric
	CAS # 84-66-2	(Lot MKCD2547)			+/-	11.9628	µg/mL	Unstressed
	Purity 99%				+/-	19.0387	µg/mL	Stressed
55	4-Chlorophenyl phenyl ether		1,000.6	µg/mL	+/-	5.8176	µg/mL	Gravimetric
	CAS # 7005-72-3	(Lot MKCN1186)			+/-	11.9612	µg/mL	Unstressed
	Purity 99%				+/-	19.0361	µg/mL	Stressed

56	4-Nitroaniline		1,000.3	µg/mL	+/-	5.8160	µg/mL	Gravimetric
	CAS # 100-01-6	(Lot RP210713)			+/-	11.9580	µg/mL	Unstressed
	Purity 99%				+/-	19.0311	µg/mL	Stressed
57	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)		2,000.9	µg/mL	+/-	11.6336	µg/mL	Gravimetric
	CAS # 534-52-1	(Lot RP210716)			+/-	23.9193	µg/mL	Unstressed
	Purity 99%				+/-	38.0672	µg/mL	Stressed
58	Diphenylamine		852.9	µg/mL	+/-	4.9590	µg/mL	Gravimetric
	CAS # 122-39-4	(Lot MKBN8295V)			+/-	10.1960	µg/mL	Unstressed
	Purity 99%				+/-	16.2268	µg/mL	Stressed
59	Azobenzene		1,000.4	µg/mL	+/-	5.8164	µg/mL	Gravimetric
	CAS # 103-33-3	(Lot BCCC9136)			+/-	11.9588	µg/mL	Unstressed
	Purity 99%				+/-	19.0323	µg/mL	Stressed
60	4-Bromophenyl phenyl ether		1,000.4	µg/mL	+/-	5.8164	µg/mL	Gravimetric
	CAS # 101-55-3	(Lot STBB9729V)			+/-	11.9588	µg/mL	Unstressed
	Purity 99%				+/-	19.0323	µg/mL	Stressed
61	Hexachlorobenzene		1,000.1	µg/mL	+/-	5.8149	µg/mL	Gravimetric
	CAS # 118-74-1	(Lot SL210804)			+/-	11.9557	µg/mL	Unstressed
	Purity 99%				+/-	19.0272	µg/mL	Stressed
62	Pentachlorophenol		2,003.5	µg/mL	+/-	11.6487	µg/mL	Gravimetric
	CAS # 87-86-5	(Lot 210706RSR)			+/-	23.9504	µg/mL	Unstressed
	Purity 99%				+/-	38.1166	µg/mL	Stressed
63	n-Octadecane (C18)		1,000.7	µg/mL	+/-	5.8179	µg/mL	Gravimetric
	CAS # 593-45-3	(Lot VZKOJ)			+/-	11.9619	µg/mL	Unstressed
	Purity 97%				+/-	19.0371	µg/mL	Stressed
64	Phenanthrene		1,003.0	µg/mL	+/-	5.8315	µg/mL	Gravimetric
	CAS # 85-01-8	(Lot MKCL7390)			+/-	11.9899	µg/mL	Unstressed
	Purity 99%				+/-	19.0818	µg/mL	Stressed
65	Anthracene		1,002.5	µg/mL	+/-	5.8284	µg/mL	Gravimetric
	CAS # 120-12-7	(Lot MKCM0015)			+/-	11.9835	µg/mL	Unstressed
	Purity 99%				+/-	19.0716	µg/mL	Stressed
66	Carbazole		1,000.6	µg/mL	+/-	5.8176	µg/mL	Gravimetric
	CAS # 86-74-8	(Lot 10812100)			+/-	11.9612	µg/mL	Unstressed
	Purity 99%				+/-	19.0361	µg/mL	Stressed
67	Di-n-butylphthalate		1,000.4	µg/mL	+/-	5.8164	µg/mL	Gravimetric
	CAS # 84-74-2	(Lot MKCL9573)			+/-	11.9588	µg/mL	Unstressed
	Purity 99%				+/-	19.0323	µg/mL	Stressed
68	Fluoranthene		1,003.8	µg/mL	+/-	5.8362	µg/mL	Gravimetric
	CAS # 206-44-0	(Lot MKCF7378)			+/-	11.9995	µg/mL	Unstressed
	Purity 99%				+/-	19.0970	µg/mL	Stressed
69	Pyrene		1,001.1	µg/mL	+/-	5.8207	µg/mL	Gravimetric
	CAS # 129-00-0	(Lot BCCB9880)			+/-	11.9676	µg/mL	Unstressed
	Purity 99%				+/-	19.0463	µg/mL	Stressed
70	Benzyl butyl phthalate		1,001.2	µg/mL	+/-	5.8211	µg/mL	Gravimetric
	CAS # 85-68-7	(Lot MKCM1987)			+/-	11.9684	µg/mL	Unstressed
	Purity 99%				+/-	19.0475	µg/mL	Stressed
71	Benz(a)anthracene		1,002.4	µg/mL	+/-	5.8282	µg/mL	Gravimetric
	CAS # 56-55-3	(Lot RP210125)			+/-	11.9831	µg/mL	Unstressed
	Purity 96%				+/-	19.0710	µg/mL	Stressed

72	Chrysene		1,000.2	µg/mL	+/-	5.8152	µg/mL	Gravimetric
	CAS # 218-01-9	(Lot STBJ1016)			+/-	11.9565	µg/mL	Unstressed
	Purity 99%				+/-	19.0285	µg/mL	Stressed
73	Bis(2-ethylhexyl)phthalate		1,001.0	µg/mL	+/-	5.8199	µg/mL	Gravimetric
	CAS # 117-81-7	(Lot MKCJ1159)			+/-	11.9660	µg/mL	Unstressed
	Purity 99%				+/-	19.0437	µg/mL	Stressed
74	Di-n-octyl phthalate		1,001.5	µg/mL	+/-	5.8226	µg/mL	Gravimetric
	CAS # 117-84-0	(Lot 11651800)			+/-	11.9716	µg/mL	Unstressed
	Purity 99%				+/-	19.0526	µg/mL	Stressed
75	Benzo(b)fluoranthene		1,001.7	µg/mL	+/-	5.8238	µg/mL	Gravimetric
	CAS # 205-99-2	(Lot 012020B)			+/-	11.9740	µg/mL	Unstressed
	Purity 99%				+/-	19.0564	µg/mL	Stressed
76	Benzo(k)fluoranthene		1,004.0	µg/mL	+/-	5.8373	µg/mL	Gravimetric
	CAS # 207-08-9	(Lot 012019K)			+/-	12.0019	µg/mL	Unstressed
	Purity 99%				+/-	19.1008	µg/mL	Stressed
77	Benzo(a)pyrene		1,000.4	µg/mL	+/-	5.8164	µg/mL	Gravimetric
	CAS # 50-32-8	(Lot Z8BKF)			+/-	11.9588	µg/mL	Unstressed
	Purity 99%				+/-	19.0323	µg/mL	Stressed
78	Indeno(1,2,3-cd)pyrene		1,003.7	µg/mL	+/-	5.8358	µg/mL	Gravimetric
	CAS # 193-39-5	(Lot 1-RAK-33-4)			+/-	11.9987	µg/mL	Unstressed
	Purity 99%				+/-	19.0957	µg/mL	Stressed
79	Dibenz(a,h)anthracene		1,003.3	µg/mL	+/-	5.8335	µg/mL	Gravimetric
	CAS # 53-70-3	(Lot ER032211-01)			+/-	11.9939	µg/mL	Unstressed
	Purity 99%				+/-	19.0881	µg/mL	Stressed
80	Benzo(g,h,i)perylene		1,000.3	µg/mL	+/-	5.8156	µg/mL	Gravimetric
	CAS # 191-24-2	(Lot 8GFYJ)			+/-	11.9573	µg/mL	Unstressed
	Purity 99%				+/-	19.0298	µg/mL	Stressed
Solvent:	Methylene chloride							
	CAS # 75-09-2							
	Purity 99%							

Specific Reference Material Notes:

N-nitrosodiphenylamine 1000 ug/mL equivalent when used for GC analysis. Actual formulation is diphenylamine 855 ug/mL.
N-Nitrosodiphenylamine is prone to breakdown in the injection port and will be converted to diphenylamine.
N-Nitrosodiphenylamine is also a reactive species that can initiate premature decomposition of other compounds in the mix. For these reasons diphenylamine is used in the preparation of this mixture. When comparing the response of this compound to mixtures manufactured using N-nitrosodiphenylamine, a difference in response will be observed.
This lot was approved even though the %D for 4,6-DN-2-MP was greater than 10%.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

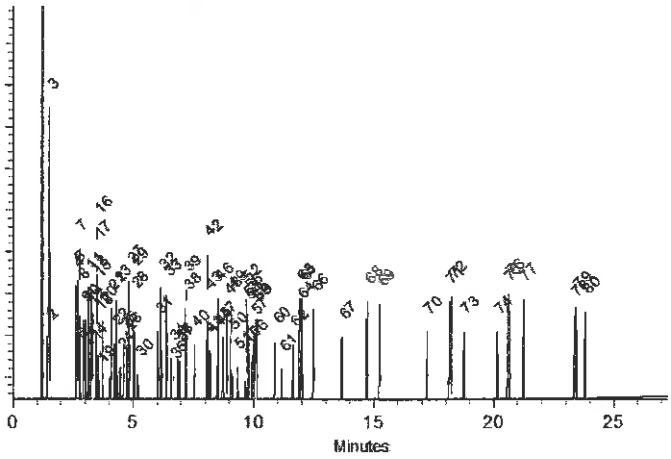
Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:
250°C

Det. Temp:
340°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.

Cathleen Soltis - Mix Technician

Date Mixed: 03-Aug-2021 **Balance:** B442140311

John Lidgett - AD Chemist

Date Passed: 23-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.

Reagent

8270S#10_1stk_00016

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. : 569731 **Lot No.:** A0164214

Description : 8270 List 1 / Std #10

8270 List 1 / Std #10 2000 µg/mL, Methylene chloride, 5mL/ampul

2841490
ID 8270S#10_1stk_00016
Exp 03/31/22 Prpd JKM Opn 04/07/21
8270 List 1 / Std#10 (pn)

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : March 31, 2022 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Indene **CAS #** 95-13-6 **Purity** 97% (Lot MKBT8433V)	2,007.3 µg/mL	+/- 11.6706 µg/mL +/- 112.5470 µg/mL +/- 115.1804 µg/mL	Gravimetric Unstressed Stressed
2	Benzoic acid **CAS #** 65-85-0 **Purity** 99% (Lot MKCG6487)	2,000.6 µg/mL	+/- 11.6318 µg/mL +/- 112.1731 µg/mL +/- 114.7978 µg/mL	Gravimetric Unstressed Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

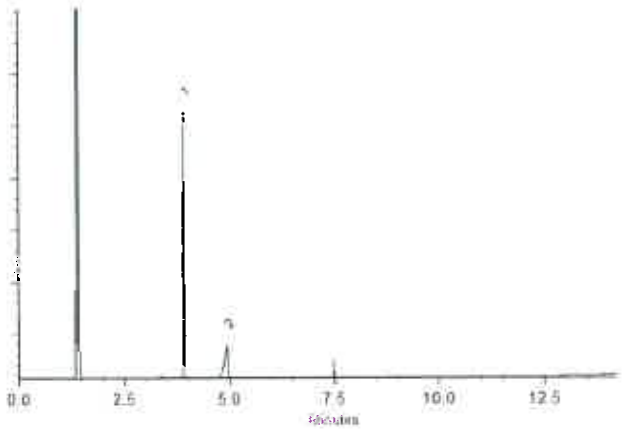
Carrier Gas:
hydrogen-constant pressure 10 psi.

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.

Russ Bookhamer - Operations Technician I

Date Mixed: 08-Sep-2020 **Balance:** 1128360905

Justine Albertson - Operations Tech-ARM QC

Date Passed: 10-Sep-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.

Reagent

8270S#10_1stk_00018

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. : 569731 **Lot No.:** A0173787

Description : 8270 List 1 / Std #10

8270 List 1 / Std #10 2000 µg/mL, Methylene chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2022 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Indene	2,011.6 µg/mL	+/- 11.6957	µg/mL	Gravimetric
	CAS # 95-13-6 (Lot DMKCB7043-1211)		+/- 112.7892	µg/mL	Unstressed
	Purity 98%		+/- 115.4283	µg/mL	Stressed
2	Benzoic acid	2,018.2 µg/mL	+/- 11.7340	µg/mL	Gravimetric
	CAS # 65-85-0 (Lot MKCG6487)		+/- 113.1585	µg/mL	Unstressed
	Purity 99%		+/- 115.8062	µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

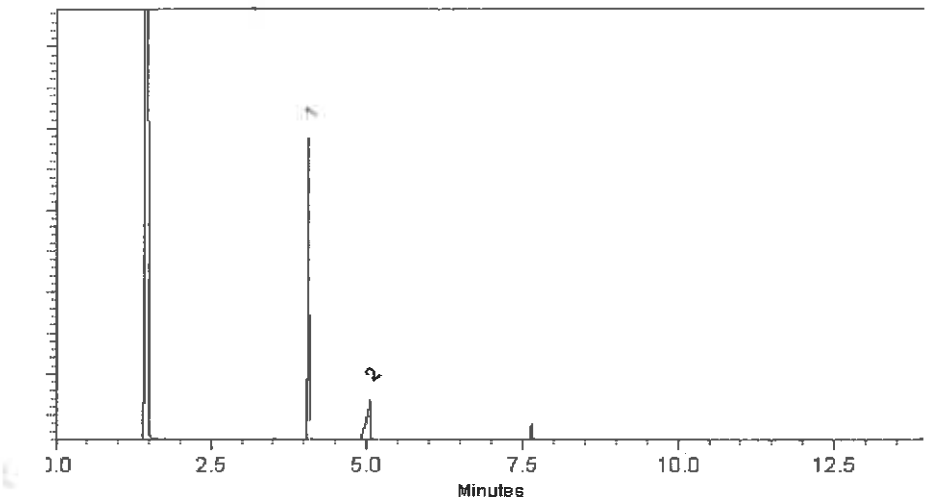
Carrier Gas:
hydrogen-constant pressure 10 psi.

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.

Sam Moodler - Operations Tech I

Date Mixed: 24-Jun-2021 **Balance:** 1128360905

Alexis Shelow - Operations Tech I

Date Passed: 28-Jun-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.

Reagent

8270S#11_1stk_00011

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 #3212.01

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. : 569732 **Lot No.:** A0164387

Description : 8270 List 1 / Std #11

8270 List 1 / Std #11 2,000µg/mL, Methylene chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : March 31, 2022 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Benzaldehyde **CAS #** 100-52-7 **Purity** 99%	(Lot SHBG8690V)	2,001.8 µg/mL	+/- 11.6383 µg/mL +/- 39.9656 µg/mL +/- 89.7049 µg/mL		Gravimetric Unstressed Stressed
2	epsilon-Caprolactam **CAS #** 105-60-2 **Purity** 99%	(Lot I16X016)	2,000.6 µg/mL	+/- 11.6316 µg/mL +/- 39.9423 µg/mL +/- 89.6527 µg/mL		Gravimetric Unstressed Stressed
3	Atrazine **CAS #** 1912-24-9 **Purity** 99%	(Lot PI8FG)	2,000.0 µg/mL	+/- 11.6282 µg/mL +/- 39.9306 µg/mL +/- 89.6265 µg/mL		Gravimetric Unstressed Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

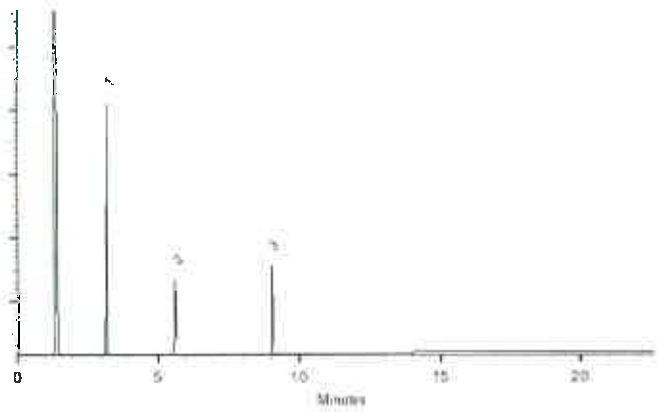
Carrier Gas:
hydrogen-constant pressure 10 psi.

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.

Russ Bookhamer - Operations Technician I

Date Mixed: 14-Sep-2020 **Balance:** 1128360905

Justine Albertson - Operations Tech-ARM QC

Date Passed: 17-Sep-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.

Reagent

8270S#11_1stk_00013

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. : 569732 **Lot No.:** A0172244

Description : 8270 List 1 / Std #11

8270 List 1 / Std #11 2,000µg/mL, Methylene chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : November 30, 2022 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Benzaldehyde		2,015.7 µg/mL	+/- 11.7193	µg/mL	Gravimetric
	CAS # 100-52-7	(Lot RD210106)		+/- 40.2434	µg/mL	Unstressed
	Purity 99%			+/- 90.3286	µg/mL	Stressed
2	epsilon-Caprolactam		2,008.5 µg/mL	+/- 11.6776	µg/mL	Gravimetric
	CAS # 105-60-2	(Lot I16X016)		+/- 40.1003	µg/mL	Unstressed
	Purity 99%			+/- 90.0074	µg/mL	Stressed
3	Atrazine		2,008.5 µg/mL	+/- 11.6776	µg/mL	Gravimetric
	CAS # 1912-24-9	(Lot PI8FG)		+/- 40.1003	µg/mL	Unstressed
	Purity 99%			+/- 90.0074	µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

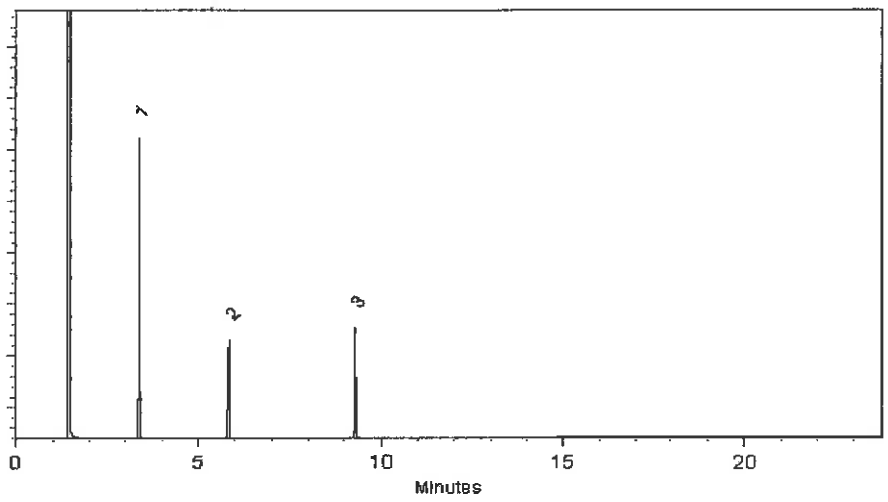
Carrier Gas:
hydrogen-constant pressure 10 psi.

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.

Sam Moodler - Operations Tech I

Date Mixed: 11-May-2021 **Balance:** 1128360905

Marlina Cowan - Operations Tech I

Date Passed: 12-May-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.

Reagent

8270S#9_1stk_00015

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. : 569730 **Lot No.:** A0167791

Description : 8270 List 1 / Std #9

8270 List 1 / Std #9 2000 µg/mL, Methylene chloride, 5mL/ampul

ID: 8270S#9_1stk_00016
Exp 07/31/22 Prpd JKM Opn 06/15/21
8270 List 1 / Std#9 (prim

Container Size : 10 mL **Pkg Amt:** > 5 mL

Expiration Date : July 31, 2022 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Benzidine	2,002.5 µg/mL	+/- 11.6427	µg/mL	Gravimetric
	CAS # 92-87-5 (Lot CYGNUSX3)		+/- 23.9380	µg/mL	Unstressed
	Purity 99%		+/- 38.0970	µg/mL	Stressed
2	3,3'-Dichlorobenzidine	2,006.5 µg/mL	+/- 11.6660	µg/mL	Gravimetric
	CAS # 91-94-1 (Lot 200824RSR)		+/- 23.9858	µg/mL	Unstressed
	Purity 99%		+/- 38.1731	µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

2841447
ID: 8270S#9_1stk_00016
Exp 07/31/22 Prpd JKM Opn 04/06/21
8270 List 1 / Std#9 (prim

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

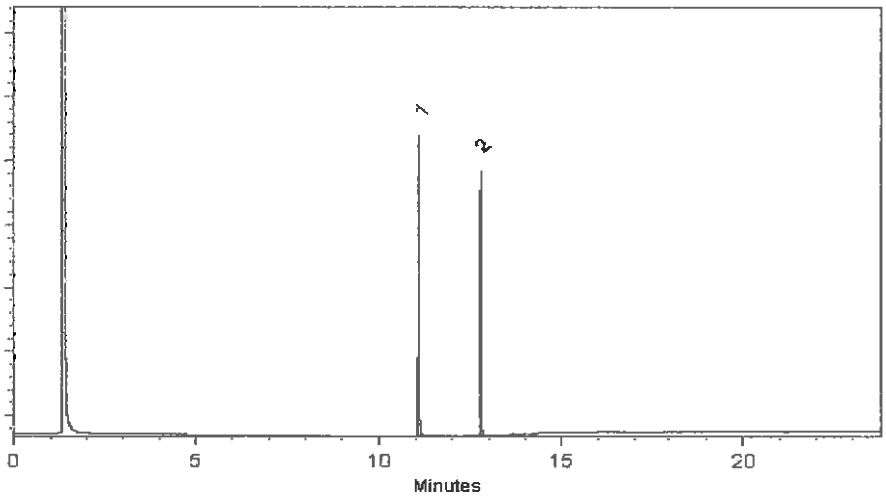
Carrier Gas:
hydrogen-constant pressure 10 psi.

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.

Russ Bookhamer - Operations Technician I

Date Mixed: 05-Jan-2021 **Balance:** 1128360905

Alexis Shalow - Operations Tech I

Date Passed: 26-Feb-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.

Reagent

8270S#9_1stk_00017

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

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. : 569730 **Lot No.:** A0175898

Description : 8270 List 1 / Std #9

8270 List 1 / Std #9 2000 µg/mL, Methylene chloride, 5mL/ampul

Container Size : 10 mL **Pkg Amt:** > 5 mL

Expiration Date : February 28, 2023 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Benzidine	2,005.0 µg/mL	+/- 11.6572	µg/mL	Gravimetric
	CAS # 92-87-5 (Lot 210716JLM)		+/- 23.9679	µg/mL	Unstressed
	Purity 99%		+/- 38.1445	µg/mL	Stressed
2	3,3'-Dichlorobenzidine	2,018.0 µg/mL	+/- 11.7328	µg/mL	Gravimetric
	CAS # 91-94-1 (Lot 210727RSR)		+/- 24.1233	µg/mL	Unstressed
	Purity 99%		+/- 38.3919	µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

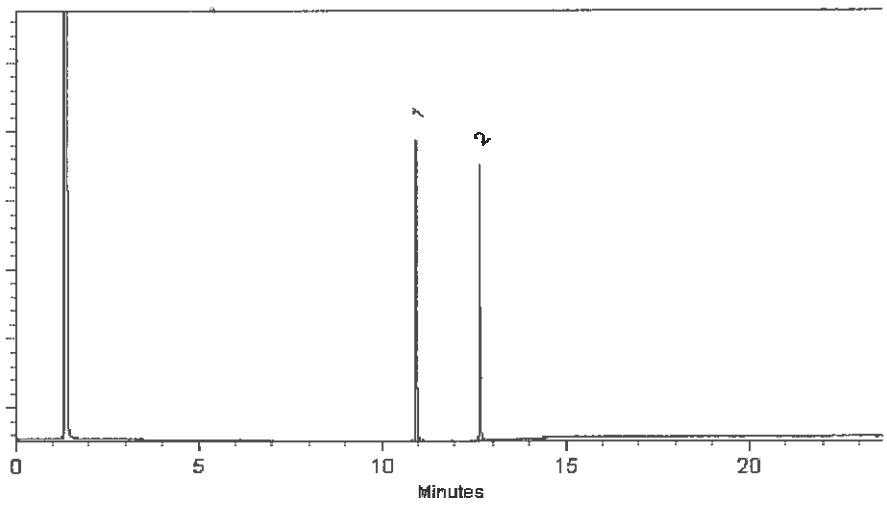
Carrier Gas:
hydrogen-constant pressure 10 psi.

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.

Tom Suckar - Mix Technician

Date Mixed: 30-Aug-2021 **Balance:** 1128360905

Merline Cowan - Operations Tech I

Date Passed: 07-Sep-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.

Reagent

8270Surr_Phen_00015

Certificate of Analysis

Produced by Phenova
5980 Joyce Drive STE 101, Golden, CO 80403 USA ▪ Tel: 303-940-0033 ▪ Fax: 303-940-0043 ▪ info@phenova.com
Access your Safety Data Sheets and digital Certificates at www.phenova.com/documents.

Certified Reference Material

This product is certified in accordance with Phenova's ISO 17034 accreditation and supported by Phenova's ISO/ICE 17025 chemical testing accreditation

Catalog Number: AL0-130371
Description: Revised BNA Surrogate Spike Mix
Storage: Refrigerate (4-10 °C)
Provided As: 25mL in 30mL Vial in Methanol

Lot Number: CL16338
Certification Date: January 21, 2021
Expiration Date: January 31, 2026

Andrea L Gill

Andrea Gill, Certified Reference Material Manager

Component	CAS Number	Certified Value (µg/mL)	Expanded Uncertainty
1,4-Dioxane-d8	17647-74-4	500	0.211%
Fluoranthene-d10	93951-69-0	100	0.120%
2-Fluorobiphenyl	321-60-8	100	0.232%
2-Fluorophenol	367-12-4	100	0.232%
2-Methylnaphthalene-d10	7297-45-2	100	0.122%
Nitrobenzene-d5	4165-60-0	100	0.232%
Phenol-d5	4165-62-2	100	0.232%
p-Terphenyl-d14	1718-51-0	100	0.232%
2,4,6-Tribromophenol	118-79-6	100	0.153%

ACCREDITED
Reference Material Producer
Certicate No. 2427.02

phenova
Certified Reference Materials

Phenova is an accredited ISO/IEC 17034 Reference Material Producer and ISO/IEC 17025 accredited Chemical Testing Laboratory.

ACCREDITED
Chemical Testing Laboratory
Certicate No. 2427.03

Certificate of Analysis

Produced by Phenova
6390 Joyce Drive STE 100, Golden, CO 80403 USA • Tel: 303-940-0033 • Fax: 303-940-0043 • info@phenova.com
Access your Safety Data Sheets and digital Certificates at www.phenova.com/documents.

1. Quality Document: This Certificate of Analysis has been created in accordance with ISO Guide 31[1] and ISO Guide 35[2].

2. Quality Standards: Phenova is accredited by A2LA to ISO 17034[3] and ISO/IEC 17025[4] as a producer of Certified Reference Materials and Reference Materials. This ensures that our manufacturing processes have been accredited to and meet strict international standards.

3. Intended Use: This product is manufactured for calibration, calibration verification, quantification, identification and other appropriate analytical control applications. This product is provided for routine laboratory analysis and research purposes only. Only trained personnel should handle is product.

4. Handling and Usage Notes: Store according to the recommended conditions listed and avoid prolonged exposure to light. Visually inspect the solution inside the ampoule for any un-dissolved material. If particulate is visible, sonicate or heat the unopened ampoule until material is fully dissolved. Dilute as required, use only glass A glassware and diluents compatible with all certified analytes in the mixture. Considerations should be made related to repeated use of the opened product. Once opened, exposure to light, air, heat, objects and addition transfer vessels may cause evaporation, degradation or contamination resulting in changes in concentration, uncertainty, and stability duration. Store opened standards in a clean, tightly capped vessel under the recommended temperature. Appropriate controls, such as the use of additional verification standards should be used to confirm that the opened product is fit for purpose under repeated use conditions.

5. Hazardous Situation: The product is intended for use by experienced professional personnel. A Safety Data Sheet (SDS) is available at www.phenova.com/documents.

6. Level of Homogeneity: The product has been determined to be homogeneous to a minimum volume of the packaged amount.

7. Certified Value: Certified Value is based upon gravimetric and volumetric preparation using calibrated balances and Class A glassware.

8. Raw Materials and Purity: Phenova reference standard products are prepared from the highest quality starting materials. The purity of the materials used in this product were verified using ISO/IEC 17025 methodology.

9. Expanded Uncertainty: The expanded uncertainty (uRM) as stated is determined in accordance with ISO/IEC Guide 98[5] and ISO Guide 35 incorporating Type A standard uncertainty at a 95% confidence level. The uncertainty is calculated based on the element of manufacturing (uM) times a coverage factor (k=2).

   $uRM = k * uM$

10. Metrological Traceability: The property value (certified value and its uncertainty) is traceable through an unbroken chain of calibration to the SI base unit kg through a NIST traceable weight in accordance with ISO Guide 34. This is achieved through calibration of balances, verification of weights, and use of national methodology for glassware calibration utilizing and ISO/IEC 17025 methodology.

11. Period of Validity: The Certified Values, Uncertainties and Expiration Date are based on the unopened product being stored according to the recommended storage condition listed and are guaranteed until the Expiration Date. This product will be monitored during the period of validity and customers notified of any significant changes in stability.

References:

1. ISO Guide 31 – Reference Materials – Contents of Certificates and Labels.
2. ISO Guide 35 – Reference Materials – General and Statistical Principles for Certification.
3. ISO 17034 – General Requirements for the Competence of Reference Material Producers.
4. ISO/IEC 17025 – General Requirements for the Competence of Testing and Calibration Laboratories.
5. ISO/IEC Guide 98 – Uncertainty of Measurement – Part 3: Guide to Expression of Uncertainty in Measurement (GUM:1995)

Reagent

8270waterSurr_00118

Preliminary Report

Eurofins Seattle

Target Compound Quantitation Report

Data File:	\\chromfs\Seattle\ChromData\TAC040\20220224-81467.b\40Scan022422a006.D				
Lims ID:	8270watersurr_00118				
Client ID:					
Sample Type:	Client				
Inject. Date:	24-Feb-2022 15:42:30	ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Sample Info:	8270watersurr_00118				
Misc. Info.:	20X				
Operator ID:	tl	Instrument ID:	TAC040		
Method:	\\chromfs\Seattle\ChromData\TAC040\20220224-81467.b\8270TAC040.m				
Limit Group:	8270D Standard				
Last Update:	24-Feb-2022 16:18:50	Calib Date:	22-Nov-2021 16:19:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Seattle\ChromData\TAC040\20211122-80001.b\40Scan112221a014.D				
Column 1 :			Det: MS SCAN		
Process Host:	CTX1682				

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.454	4.454	0.000	77	12371	100.0	
* 2 Naphthalene-d8	136	5.501	5.495	0.006	91	42983	100.0	
* 3 Acenaphthene-d10	164	6.942	6.925	0.017	80	19760	100.0	
* 4 Phenanthrene-d10	188	8.154	8.130	0.024	85	37497	100.0	
* 5 Chrysene-d12	240	10.318	10.289	0.029	84	34900	100.0	
* 6 Perylene-d12	264	11.724	11.695	0.029	86	34886	100.0	
$ 7 2-Fluorophenol	112	3.435	3.429	0.006	79	120664	1114.5	c
$ 8 Phenol-d5	99	4.260	4.254	0.006	97	108413	928.1	c
$ 9 Nitrobenzene-d5	82	4.919	4.924	0.000	78	81255	1040.2	c
$ 10 2-Fluorobiphenyl	172	6.395	6.395	0.006	98	270011	1056.1	M
$ 11 2,4,6-Tribromophenol	330	7.607	7.599	0.030	83	78191	980.8	c
$ 12 Terphenyl-d14	244	9.454	9.454	0.006	97	361515	1185.0	M
45 4-Chloro-3-methylphenol	107	6.060	6.055	0.012	4	302	18.8	9
82 2,3-Dichlorobenzenamine	161	8.489	8.498	0.012	1	129	NC	9ig

QC Flag Legend

Processing Flags

NC - Not Calibrated

9 - Failed A Reference Spectral Test

i - Failed Initial Calibration Limits

c - Failed Continuing Calibration Limits

g - Not in Limit Group or Failed to Calibrate

Review Flags

M - Manually Integrated

Reagents:

MeCl2_CT_00216	Amount Added: 1.00	Units: mL	Run Reagent
8270SIM_IS_00069	Amount Added: 10.00	Units: uL	Run Reagent

Reagent

DFTPPSTK_00014

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. : 31615 **Lot No.:** A0151587

Description : GC/MS Tuning Mixture

GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul

2494939
ID: DFTPPSTK_00014
Exp:08/31/22 Prpd:ADB Opn:10/03/19
GC/MS Tuning Mixture Stoc

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2022 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin.

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L., K=2)	
1	Pentachlorophenol	1,002.4 µg/mL	+/- 5.8826 µg/mL	Gravimetric
	CAS # 87-86-5 (Lot 190227CGKJ)		+/- 45.6585 µg/mL	Unstressed
	Purity 99%		+/- 65.9247 µg/mL	Stressed
2	DFTPP (Decafluorotriphenylphosphine)	1,008.8 µg/mL	+/- 5.9202 µg/mL	Gravimetric
	CAS # 5074-71-5 (Lot 10198748)		+/- 45.9501 µg/mL	Unstressed
	Purity 99%		+/- 66.3457 µg/mL	Stressed
3	Benzidine	1,000.8 µg/mL	+/- 5.8733 µg/mL	Gravimetric
	CAS # 92-87-5 (Lot 190409JACG)		+/- 45.5857 µg/mL	Unstressed
	Purity 99%		+/- 65.8195 µg/mL	Stressed
4	4,4'-DDT	1,010.0 µg/mL	+/- 5.9272 µg/mL	Gravimetric
	CAS # 50-29-3 (Lot S37912V)		+/- 46.0047 µg/mL	Unstressed
	Purity 99%		+/- 66.4246 µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

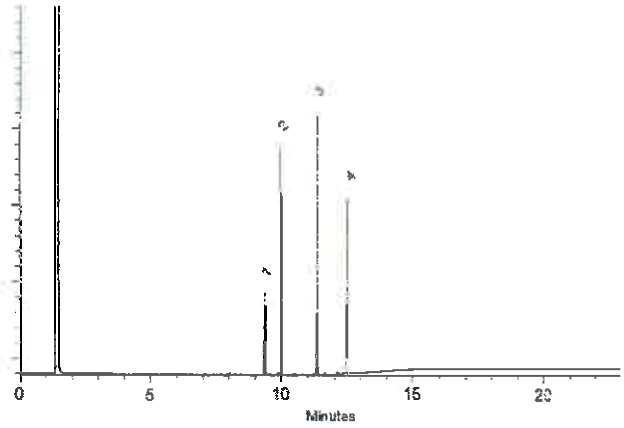
Carrier Gas:
hydrogen-constant pressure 10 psi.

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.

Joseph Jaglowski - Mix Technician

Date Mixed: 06-Aug-2019 **Balance:** 1128360905

Justina Albertson - Operations Tech-ARM QC

Date Passed: 09-Aug-2019

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)	< 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.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

8270E_DOD5

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ZB-SV ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPHL #
ERH2672 (RHMW10)	580-111087-1	43	29	72	75	81	100
ERH2670 (RHMW19)	580-111087-2	47	29	71	79	71	95
	MB 580-383558/1-A	43	26	69	83	54	97
	LCS 580-383558/2-A	50	31	69	62	70	88
	LCSD 580-383558/3-A	51	30	75	70	74	92

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	19-119
PHL = Phenol-d5 (Surr)	10-120
NBZ = Nitrobenzene-d5 (Surr)	44-120
FBP = 2-Fluorobiphenyl	44-119
TBP = 2,4,6-Tribromophenol (Surr)	43-140
TPHL = Terphenyl-d14	50-134

Column to be used to flag recovery values

FORM II 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 40Scan031422a010.D

Lab ID: LCS 580-383558/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	2.00	1.12	56	29-116	
1,2-Dichlorobenzene	2.00	1.15	57	32-111	
1,3-Dichlorobenzene	2.00	1.07	53	28-110	
1,4-Dichlorobenzene	2.00	1.08	54	29-112	
2,4,5-Trichlorophenol	2.00	1.46	73	53-123	
2,4,6-Trichlorophenol	2.00	1.24	62	50-125	
2,4-Dichlorophenol	2.00	1.34	67	47-121	
2,4-Dimethylphenol	2.00	1.21 J	60	31-124	
2,4-Dinitrotoluene	2.00	1.49	75	57-128	
2,6-Dinitrotoluene	2.00	1.35	67	57-124	
2-Chloronaphthalene	2.00	1.27	63	40-116	
2-Chlorophenol	2.00	1.45	73	38-117	
2-Nitrophenol	2.00	1.52	76	47-123	
3,3'-Dichlorobenzidine	4.00	3.68	92	27-129	
4-Bromophenyl phenyl ether	2.00	1.40	70	55-124	
4-Chloro-3-methylphenol	2.00	1.36	68	52-119	
4-Chlorophenyl phenyl ether	2.00	1.30	65	53-121	
Azobenzene	2.00	1.44 J	72	61-116	
Bis(2-chloroethoxy)methane	2.00	1.35	67	48-120	
Bis(2-chloroethyl)ether	2.00	1.49	74	43-118	
bis (2-chloroisopropyl) ether	2.00	1.33	67	37-130	
Butyl benzyl phthalate	2.00	1.84 J	92	53-134	
Diethyl phthalate	2.00	1.71	85	56-125	
Dimethyl phthalate	2.00	1.47	74	45-127	
Di-n-butyl phthalate	2.00	1.74 J	87	59-127	
Di-n-octyl phthalate	2.00	1.72	86	51-140	
Hexachlorobenzene	2.00	1.39	69	53-125	
Hexachlorobutadiene	2.00	0.893 J	45	22-124	
Hexachlorocyclopentadiene	2.00	0.876 J	44	20-125	
Hexachloroethane	2.00	0.936 J	47	21-115	
Isophorone	2.00	1.33	66	42-124	
m+p-Cresol	2.00	1.21	60	29-110	
Nitrobenzene	2.00	1.36	68	45-121	
N-Nitrosodimethylamine	2.00	1.12 J	56	45-125	
N-Nitrosodi-n-propylamine	2.00	1.38	69	49-119	
N-Nitrosodiphenylamine	2.00	1.51	75	51-123	
o-Cresol	2.00	1.25	62	30-117	
Pentachlorophenol	4.00	1.86 J	47	35-138	
Phenol	2.00	0.693 J	35	13-120	
Pyrene	2.00	1.73	87	57-126	
Pyridine	4.00	1.42 J	35	20-125	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 31822A08.D

Lab ID: LCS 580-383558/2-A RA Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
2,4-Dinitrophenol	4.00	2.50 J	62	23-143	M
4,6-Dinitro-2-methylphenol	4.00	3.29	82	44-137	
Bis(2-ethylhexyl) phthalate	2.00	2.14 J	107	55-135	
bis (2-chloroisopropyl) ether	2.00	1.42	71	37-130	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 40Scan031422a011.D

Lab ID: LCSD 580-383558/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trichlorobenzene	2.00	1.16	58	4	20	29-116	
1,2-Dichlorobenzene	2.00	1.11	56	3	20	32-111	
1,3-Dichlorobenzene	2.00	1.01	51	5	20	28-110	
1,4-Dichlorobenzene	2.00	1.06	53	2	20	29-112	
2,4,5-Trichlorophenol	2.00	1.55	78	6	20	53-123	
2,4,6-Trichlorophenol	2.00	1.42	71	14	20	50-125	
2,4-Dichlorophenol	2.00	1.49	74	10	20	47-121	
2,4-Dimethylphenol	2.00	1.31 J	65	8	20	31-124	
2,4-Dinitrotoluene	2.00	1.63	81	9	20	57-128	
2,6-Dinitrotoluene	2.00	1.56	78	15	20	57-124	
2-Chloronaphthalene	2.00	1.40	70	10	20	40-116	
2-Chlorophenol	2.00	1.43	71	2	20	38-117	
2-Nitrophenol	2.00	1.50	75	1	20	47-123	
3,3'-Dichlorobenzidine	4.00	3.80	95	3	20	27-129	
4-Bromophenyl phenyl ether	2.00	1.50	75	7	20	55-124	
4-Chloro-3-methylphenol	2.00	1.51	76	10	20	52-119	
4-Chlorophenyl phenyl ether	2.00	1.46	73	11	20	53-121	
Azobenzene	2.00	1.52 J	76	5	20	61-116	
Bis(2-chloroethoxy)methane	2.00	1.43	71	6	20	48-120	
Bis(2-chloroethyl)ether	2.00	1.47	73	1	20	43-118	
bis (2-chloroisopropyl) ether	2.00	1.38	69	4	20	37-130	
Butyl benzyl phthalate	2.00	2.06 J	103	12	20	53-134	
Diethyl phthalate	2.00	1.93	96	12	20	56-125	
Dimethyl phthalate	2.00	1.70	85	14	20	45-127	
Di-n-butyl phthalate	2.00	1.83 J	92	5	20	59-127	
Di-n-octyl phthalate	2.00	1.95	97	12	20	51-140	
Hexachlorobenzene	2.00	1.44	72	4	20	53-125	
Hexachlorobutadiene	2.00	0.854 J	43	4	20	22-124	
Hexachlorocyclopentadiene	2.00	0.865 J	43	1	20	20-125	
Hexachloroethane	2.00	0.860 J	43	9	20	21-115	
Isophorone	2.00	1.40	70	6	20	42-124	
m+p-Cresol	2.00	1.16	58	4	20	29-110	
Nitrobenzene	2.00	1.46	73	6	20	45-121	
N-Nitrosodimethylamine	2.00	1.09 J	55	3	20	45-125	
N-Nitrosodi-n-propylamine	2.00	1.45	72	5	20	49-119	
N-Nitrosodiphenylamine	2.00	1.58	79	5	20	51-123	
o-Cresol	2.00	1.21	61	3	20	30-117	
Pentachlorophenol	4.00	1.79 J	45	4	20	35-138	
Phenol	2.00	0.683 J	34	1	20	13-120	
Pyrene	2.00	1.88	94	8	20	57-126	
Pyridine	4.00	3.2 U	13	95	20	20-125	Q

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 31822A09.D

Lab ID: LCSD 580-383558/3-A RA Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
2,4-Dinitrophenol	4.00	2.91 J	73	15	20	23-143	M
4,6-Dinitro-2-methylphenol	4.00	3.17	79	4	20	44-137	
4-Nitrophenol	4.00	2.50 J	63	0	20	35-145	
Bis(2-ethylhexyl) phthalate	2.00	2.42 J	121	12	20	55-135	
bis (2-chloroisopropyl) ether	2.00	1.55	77	9	20	37-130	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Lab File ID: 40Scan031422a008.D Lab Sample ID: MB 580-383558/1-A

Matrix: Water Date Extracted: 03/11/2022 09:25

Instrument ID: TAC040 Date Analyzed: 03/14/2022 13:36

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 580-383558/2-A	40Scan031422a010.D	03/14/2022 14:23
	LCSD 580-383558/3-A	40Scan031422a011.D	03/14/2022 14:46
ERH2672 (RHMW10)	580-111087-1	40Scan031422a016.D	03/14/2022 16:42
ERH2670 (RHMW19)	580-111087-2	40Scan031422a017.D	03/14/2022 17:05

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Lab File ID: 31822A06.D Lab Sample ID: MB 580-383558/1-A

Matrix: Water Date Extracted: 03/11/2022 09:25

Instrument ID: TAC051 Date Analyzed: 03/18/2022 11:22

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 580-383558/2-A RA	31822A08.D	03/18/2022 12:09
	LCSD 580-383558/3-A RA	31822A09.D	03/18/2022 12:32
ERH2672 (RHMW10) RA	580-111087-1 RA	31822A12.D	03/18/2022 13:43
ERH2670 (RHMW19) RA	580-111087-2 RA	31822A13.D	03/18/2022 14:06

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Lab File ID: 40Scan030322a005.D DFTPP Injection Date: 03/03/2022

Instrument ID: TAC040 DFTPP Injection Time: 16:15

Analysis Batch No.: 382822

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10.0 - 80.0 % of mass 198	17.4	
68	Less than 2.0 % of mass 69	0.3	(1.3) 1
69	Mass 69 relative abundance	22.6	
70	Less than 2.0 % of mass 69	0.1	(0.4) 1
127	10.0 - 80.0 % of mass 198	47.1	
197	Less than 2.0 % of mass 198	0.3	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	6.7	
275	10.0 - 60.0 % of mass 198	25.2	
365	Greater than 1.0 % of mass 198	4.0	
441	Present but less than mass 443	18.9	
442	Greater than 50.0 % of mass 198	116.8	
443	15.0 - 24.0 % of mass 442	22.6	(19.4) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD10 580-382822/4	40Scan030322a	03/03/2022	17:30
	STD9 580-382822/5	40Scan030322a	03/03/2022	17:53
	STD8 580-382822/6	40Scan030322a	03/03/2022	18:16
	STD7IS 580-382822/7	40Scan030322a	03/03/2022	18:40
	STD6 580-382822/8	40Scan030322a	03/03/2022	19:03
	STD5 580-382822/9	40Scan030322a	03/03/2022	19:26
	STD4 580-382822/10	40Scan030322a	03/03/2022	19:49
	STD3 580-382822/11	40Scan030322a	03/03/2022	20:12
	STD2 580-382822/12	40Scan030322a	03/03/2022	20:35
	STD1 580-382822/13	40Scan030322a	03/03/2022	20:58
	ICV 580-382822/15	40Scan030322a	03/03/2022	21:44

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Lab File ID: 40Scan031422a005.D DFTPP Injection Date: 03/14/2022

Instrument ID: TAC040 DFTPP Injection Time: 12:19

Analysis Batch No.: 383728

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10.0 - 80.0 % of mass 198	17.1	
68	Less than 2.0 % of mass 69	0.3	(1.3) 1
69	Mass 69 relative abundance	21.9	
70	Less than 2.0 % of mass 69	0.1	(0.4) 1
127	10.0 - 80.0 % of mass 198	47.9	
197	Less than 2.0 % of mass 198	0.9	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	6.7	
275	10.0 - 60.0 % of mass 198	25.6	
365	Greater than 1.0 % of mass 198	4.3	
441	Present but less than mass 443	19.3	
442	Greater than 50.0 % of mass 198	120.1	
443	15.0 - 24.0 % of mass 442	22.8	(19.0) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-383728/3	40Scan031422a	03/14/2022	12:50
	MB 580-383558/1-A	40Scan031422a	03/14/2022	13:36
	LCS 580-383558/2-A	40Scan031422a	03/14/2022	14:23
	LCSD 580-383558/3-A	40Scan031422a	03/14/2022	14:46
ERH2672 (RHMW10)	580-111087-1	40Scan031422a	03/14/2022	16:42
ERH2670 (RHMW19)	580-111087-2	40Scan031422a	03/14/2022	17:05
	CCVC 580-383728/20	40Scan031422a	03/14/2022	19:24

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Lab File ID: 0124A08_.D DFTPP Injection Date: 01/24/2022

Instrument ID: TAC051 DFTPP Injection Time: 16:16

Analysis Batch No.: 379142

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
68	Less than 2.0 % of mass 69	0.0	(0.0) 1
69	Mass 69 relative abundance	31.5	
70	Less than 2.0 % of mass 69	0.2	(0.6) 1
197	Less than 2.0 % of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	6.9	
365	Greater than 1.0 % of mass 198	4.4	
441	Present but less than mass 443	15.3	
442	Greater than 50.0 % of mass 198	99.0	
443	15.0 - 24.0 % of mass 442	19.7	(19.9) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD10 580-379142/4	0124A10_.D	01/24/2022	17:04
	STD9 580-379142/5	0124A11_.D	01/24/2022	17:28
	STD8 580-379142/6	0124A12_.D	01/24/2022	17:51
	STD7IS 580-379142/7	0124A13_.D	01/24/2022	18:14
	STD6 580-379142/8	0124A14_.D	01/24/2022	18:37
	STD5 580-379142/9	0124A15_.D	01/24/2022	19:00
	STD4 580-379142/10	0124A16_.D	01/24/2022	19:23
	STD3 580-379142/11	0124A17_.D	01/24/2022	19:45
	STD2 580-379142/12	0124A18_.D	01/24/2022	20:08
	STD1 580-379142/13	0124A19_.D	01/24/2022	20:31
	ICV 580-379142/15	0124A21_.D	01/24/2022	21:17

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Lab File ID: 31822A03.D DFTPP Injection Date: 03/18/2022

Instrument ID: TAC051 DFTPP Injection Time: 09:59

Analysis Batch No.: 384307

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0 % of mass 69	0.6 (2.0) 1
69	Mass 69 relative abundance	29.5
70	Less than 2.0 % of mass 69	0.1 (0.4) 1
197	Less than 2.0 % of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 - 9.0 % of mass 198	7.0
365	Greater than 1.0 % of mass 198	5.3
441	Present but less than mass 443	17.1
442	Greater than 50.0 % of mass 198	110.3
443	15.0 - 24.0 % of mass 442	21.1 (19.1) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-384307/3	31822A04.D	03/18/2022	10:27
	MB 580-383558/1-A RA	31822A06.D	03/18/2022	11:22
	LCS 580-383558/2-A RA	31822A08.D	03/18/2022	12:09
	LCSD 580-383558/3-A RA	31822A09.D	03/18/2022	12:32
ERH2672 (RHMW10) RA	580-111087-1 RA	31822A12.D	03/18/2022	13:43
ERH2670 (RHMW19) RA	580-111087-2 RA	31822A13.D	03/18/2022	14:06
	CCVC 580-384307/22	31822A23.D	03/18/2022	18:00

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Sample No.: STD7IS 580-382822/7 Date Analyzed: 03/03/2022 18:40

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm)

Lab File ID (Standard): 40Scan030322a010.D Heated Purge: (Y/N) N

Calibration ID: 32160

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		25668	4.71	90230	5.74	46704	7.17
UPPER LIMIT		51336	5.21	180460	6.24	93408	7.67
LOWER LIMIT		12834	4.21	45115	5.24	23352	6.67
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-382822/15		21257	4.71	74231	5.74	39793	7.17

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Sample No.: STD7IS 580-382822/7 Date Analyzed: 03/03/2022 18:40

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm)

Lab File ID (Standard): 40Scan030322a010.D Heated Purge: (Y/N) N

Calibration ID: 32160

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		78506	8.39	63107	10.60	65242	12.11
UPPER LIMIT		157012	8.89	126214	11.10	130484	12.61
LOWER LIMIT		39253	7.89	31554	10.10	32621	11.61
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-382822/15		64021	8.39	51229	10.60	51502	12.11

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Sample No.: CCVIS 580-383728/3 Date Analyzed: 03/14/2022 12:50

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm)

Lab File ID (Standard): 40Scan031422a006.D Heated Purge: (Y/N) N

Calibration ID: 32160

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		25466	4.70	87516	5.73	46977	7.17
UPPER LIMIT		50932	5.20	175032	6.23	93954	7.67
LOWER LIMIT		12733	4.20	43758	5.23	23489	6.67
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-383558/1-A		28143	4.70	88359	5.73	35421	7.17
LCS 580-383558/2-A		25498	4.71	90128	5.73	48422	7.17
LCSD 580-383558/3-A		28320	4.70	94237	5.73	49132	7.17
580-111087-1	ERH2672 (RHMW10)	28114	4.70	93541	5.73	47875	7.17
580-111087-2	ERH2670 (RHMW19)	24740	4.70	88017	5.73	37188	7.17
CCVC 580-383728/20		28076	4.71	94050	5.74	50133	7.17

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Sample No.: CCVIS 580-383728/3 Date Analyzed: 03/14/2022 12:50

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm)

Lab File ID (Standard): 40Scan031422a006.D Heated Purge: (Y/N) N

Calibration ID: 32160

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		75297	8.38	57300	10.59	55878	12.11
UPPER LIMIT		150594	8.88	114600	11.09	111756	12.61
LOWER LIMIT		37649	7.88	28650	10.09	27939	11.61
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-383558/1-A		65484	8.38	50807	10.59	51569	12.11
LCS 580-383558/2-A		76469	8.38	62040	10.59	58346	12.11
LCSD 580-383558/3-A		82375	8.38	64110	10.59	59477	12.10
580-111087-1	ERH2672 (RHMW10)	78305	8.38	69021	10.59	67039	12.11
580-111087-2	ERH2670 (RHMW19)	69873	8.38	62591	10.59	63763	12.10
CCVC 580-383728/20		82452	8.38	86224	10.59	86881	12.11

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Sample No.: STD7IS 580-379142/7 Date Analyzed: 01/24/2022 18:14

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm)

Lab File ID (Standard): 0124A13_.D Heated Purge: (Y/N) N

Calibration ID: 31978

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		32770	4.49	118298	5.50	65313	6.93
UPPER LIMIT		65540	4.99	236596	6.00	130626	7.43
LOWER LIMIT		16385	3.99	59149	5.00	32657	6.43
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-379142/15		29129	4.49	96485	5.50	53811	6.93

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Sample No.: STD7IS 580-379142/7 Date Analyzed: 01/24/2022 18:14

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm)

Lab File ID (Standard): 0124A13_.D Heated Purge: (Y/N) N

Calibration ID: 31978

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		94680	8.14	77460	10.33	82562	11.86
UPPER LIMIT		189360	8.64	154920	10.83	165124	12.36
LOWER LIMIT		47340	7.64	38730	9.83	41281	11.36
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-379142/15		77974	8.14	68776	10.33	75719	11.86

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Sample No.: CCVIS 580-384307/3 Date Analyzed: 03/18/2022 10:27

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm)

Lab File ID (Standard): 31822A04.D Heated Purge: (Y/N) N

Calibration ID: 31978

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		35325	4.45	130325	5.47	68005	6.90
UPPER LIMIT		70650	4.95	260650	5.97	136010	7.40
LOWER LIMIT		17663	3.95	65163	4.97	34003	6.40
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-383558/1-A RA		29756	4.45	108510	5.47	48253	6.90
LCS 580-383558/2-A RA		29594	4.45	120484	5.47	68444	6.89
LCSD 580-383558/3-A RA		31206	4.45	123460	5.47	67724	6.90
580-111087-1 RA	ERH2672 (RHMW10) RA	36817	4.46	130648	5.47	62028	6.89
580-111087-2 RA	ERH2670 (RHMW19) RA	35693	4.46	115797	5.47	63705	6.90
CCVC 580-384307/22		35576	4.45	138343	5.47	75151	6.89

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Sample No.: CCVIS 580-384307/3 Date Analyzed: 03/18/2022 10:27

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm)

Lab File ID (Standard): 31822A04.D Heated Purge: (Y/N) N

Calibration ID: 31978

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		105144	8.11	94422	10.31	101230	11.83
UPPER LIMIT		210288	8.61	188844	10.81	202460	12.33
LOWER LIMIT		52572	7.61	47211	9.81	50615	11.33
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-383558/1-A RA		81193	8.12	63416	10.31	63335	11.84
LCS 580-383558/2-A RA		99862	8.11	87420	10.31	94005	11.83
LCSD 580-383558/3-A RA		106437	8.11	85031	10.30	98232	11.83
580-111087-1 RA	ERH2672 (RHMW10) RA	98923	8.11	79330	10.31	88108	11.83
580-111087-2 RA	ERH2670 (RHMW19) RA	112572	8.11	82555	10.31	99616	11.83
CCVC 580-384307/22		118974	8.11	101957	10.31	105919	11.83

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: ERH2672 (RHMW10) | Lab Sample ID: 580-111087-1

Matrix: Water | Lab File ID: 40Scan031422a016.D

Analysis Method: 8270E | Date Collected: 03/04/2022 11:30

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 986.1(mL) | Date Analyzed: 03/14/2022 16:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383728 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
120-82-1	1,2,4-Trichlorobenzene	0.30	U	0.41	0.30	0.091
95-50-1	1,2-Dichlorobenzene	0.15	U	0.41	0.15	0.051
541-73-1	1,3-Dichlorobenzene	0.091	U	0.41	0.091	0.041
106-46-7	1,4-Dichlorobenzene	0.091	U	0.41	0.091	0.041
95-95-4	2,4,5-Trichlorophenol	0.30	U	0.41	0.30	0.10
88-06-2	2,4,6-Trichlorophenol	0.30	U	0.61	0.30	0.10
120-83-2	2,4-Dichlorophenol	0.51	U	1.0	0.51	0.20
105-67-9	2,4-Dimethylphenol	0.51	U	4.1	0.51	0.16
121-14-2	2,4-Dinitrotoluene	0.30	U M	1.0	0.30	0.10
606-20-2	2,6-Dinitrotoluene	0.30	U M	0.41	0.30	0.10
91-58-7	2-Chloronaphthalene	0.15	U	1.0	0.15	0.071
95-57-8	2-Chlorophenol	0.15	U	1.0	0.15	0.051
88-75-5	2-Nitrophenol	0.15	U M	1.0	0.15	0.071
91-94-1	3,3'-Dichlorobenzidine	0.61	U M	1.0	0.61	0.26
101-55-3	4-Bromophenyl phenyl ether	0.15	U	0.61	0.15	0.061
59-50-7	4-Chloro-3-methylphenol	0.30	U	0.61	0.30	0.13
7005-72-3	4-Chlorophenyl phenyl ether	0.15	U	0.61	0.15	0.051
103-33-3	Azobenzene	0.15	U M	2.0	0.15	0.061
111-91-1	Bis(2-chloroethoxy)methane	0.15	U M	0.61	0.15	0.051
111-44-4	Bis(2-chloroethyl)ether	0.091	U M	0.10	0.091	0.030
108-60-1	bis (2-chloroisopropyl) ether	0.15	U M	0.25	0.15	0.061
85-68-7	Butyl benzyl phthalate	0.61	U Q	4.1	0.61	0.27
84-66-2	Diethyl phthalate	0.24	J	1.0	0.30	0.15
131-11-3	Dimethyl phthalate	0.15	U	0.61	0.15	0.061
84-74-2	Di-n-butyl phthalate	0.51	J	3.0	0.51	0.19
117-84-0	Di-n-octyl phthalate	0.30	U M	1.0	0.30	0.13
118-74-1	Hexachlorobenzene	0.091	U	0.61	0.091	0.041
87-68-3	Hexachlorobutadiene	0.15	U	1.0	0.15	0.061
77-47-4	Hexachlorocyclopentadiene	0.30	U	1.0	0.30	0.14
67-72-1	Hexachloroethane	0.15	U	1.0	0.15	0.051
78-59-1	Isophorone	0.30	U	0.41	0.30	0.10
15831-10-4	m+p-Cresol	0.30	U M	0.61	0.30	0.10
98-95-3	Nitrobenzene	0.091	U M	1.0	0.091	0.041
62-75-9	N-Nitrosodimethylamine	0.61	U	2.0	0.61	0.26

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: ERH2672 (RHMW10) | Lab Sample ID: 580-111087-1

Matrix: Water | Lab File ID: 40Scan031422a016.D

Analysis Method: 8270E | Date Collected: 03/04/2022 11:30

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 986.1(mL) | Date Analyzed: 03/14/2022 16:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383728 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
621-64-7	N-Nitrosodi-n-propylamine	0.091	U M	0.41	0.091	0.061
86-30-6	N-Nitrosodiphenylamine	0.15	U	1.0	0.15	0.071
95-48-7	o-Cresol	0.15	U M	0.61	0.15	0.051
87-86-5	Pentachlorophenol	1.0	U	10	1.0	0.52
108-95-2	Phenol	0.61	U	1.0	0.61	0.37
129-00-0	Pyrene	0.091	U M	1.0	0.091	0.041
110-86-1	Pyridine	3.2	U Q	10	3.2	1.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	81		43-140
321-60-8	2-Fluorobiphenyl	75		44-119
367-12-4	2-Fluorophenol (Surr)	43		19-119
4165-60-0	Nitrobenzene-d5 (Surr)	72		44-120
4165-62-2	Phenol-d5 (Surr)	29		10-120
1718-51-0	Terphenyl-d14	100		50-134

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D
Lims ID: 580-111087-B-1-A
Client ID: ERH2672 (RHMW10)
Sample Type: Client
Inject. Date: 14-Mar-2022 16:42:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 580-111087-B-1-A
Operator ID: tl Instrument ID: TAC040

Method: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 15-Mar-2022 10:37:54 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: thaneeratw Date: 15-Mar-2022 10:37:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.701	4.701	0.000	88	28114	100.0	
* 2 Naphthalene-d8	136	5.730	5.731	-0.001	97	93541	100.0	
* 3 Acenaphthene-d10	164	7.166	7.166	0.000	90	47875	100.0	
* 4 Phenanthrene-d10	188	8.383	8.383	0.000	95	78305	100.0	
* 5 Chrysene-d12	240	10.589	10.589	0.000	97	69021	100.0	
* 6 Perylene-d12	264	12.107	12.107	-0.001	95	67039	100.0	
$ 7 2-Fluorophenol	112	3.659	3.654	0.005	78	114827	433.0	
$ 8 Phenol-d5	99	4.431	4.431	0.000	81	81099	289.9	
$ 9 Nitrobenzene-d5	82	5.148	5.154	-0.006	80	128620	715.8	
$ 10 2-Fluorobiphenyl	172	6.625	6.625	-0.001	96	459283	751.1	
$ 11 2,4,6-Tribromophenol	330	7.819	7.819	0.000	83	117999	807.8	
$ 12 Terphenyl-d14	244	9.707	9.707	0.000	97	570396	999.3	
18 Phenol	94	4.442	4.436	0.006	26	1453	5.46	
26 Cyclohexanone	55	4.589	4.553	0.047	36	3099	NC	
21 n-Decane	57	4.589	4.589	0.000	92	12368	89.2	
29 Acetophenone	105	5.030	5.036	-0.006	52	2811	8.30	
36 Benzoic acid	105	5.519	5.519	-0.023	53	13705	225.3	M
41 Naphthalene	128	5.748	5.748	0.000	19	1838	2.14	
55 Dimethyl phthalate	163	6.966	6.966	0.000	78	6151	9.72	
66 Diethyl phthalate	149	7.542	7.548	-0.006	94	70161	117.3	
77 Pentachlorophenol	266	8.242	8.230	0.012	1	854	68.8	
79 Phenanthrene	178	8.401	8.401	0.000	55	8118	10.1	
82 2,3-Dichlorobenzenamine	161	8.477	8.484	0.000	5	436	NC	
83 Di-n-butyl phthalate	149	8.895	8.895	0.000	70	245275	249.9	
86 Pyrene	202	9.560	9.560	0.000	27	4754	5.77	a
88 Nonylphenol	135	9.742	9.743	0.006	0	329	NC	
87 Butyl benzyl phthalate	149	10.118	10.124	-0.006	62	16113	40.0	
89 Benzo[a]anthracene	228	10.583	10.577	0.006	1	2694	4.90	
90 Chrysene	228	10.612	10.612	-0.001	21	3519	4.79	
92 Bis(2-ethylhexyl) phthalate	149	10.648	10.648	0.000	89	867779	1534.7	
121 DFTPP								
124 4,4'-DDD	235	9.942	9.936	0.006	1	388	NR	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
125 4,4'-DDT	235	10.183	10.189	-0.006	1	760	NR	

QC Flag Legend

Processing Flags
- NR - Missing Quant Standard
- NC - Not Calibrated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

MeCl2_CT_00216	Amount Added: 1.00	Units: mL	Run Reagent
8270SIM_IS_00069	Amount Added: 10.00	Units: uL	Run Reagent

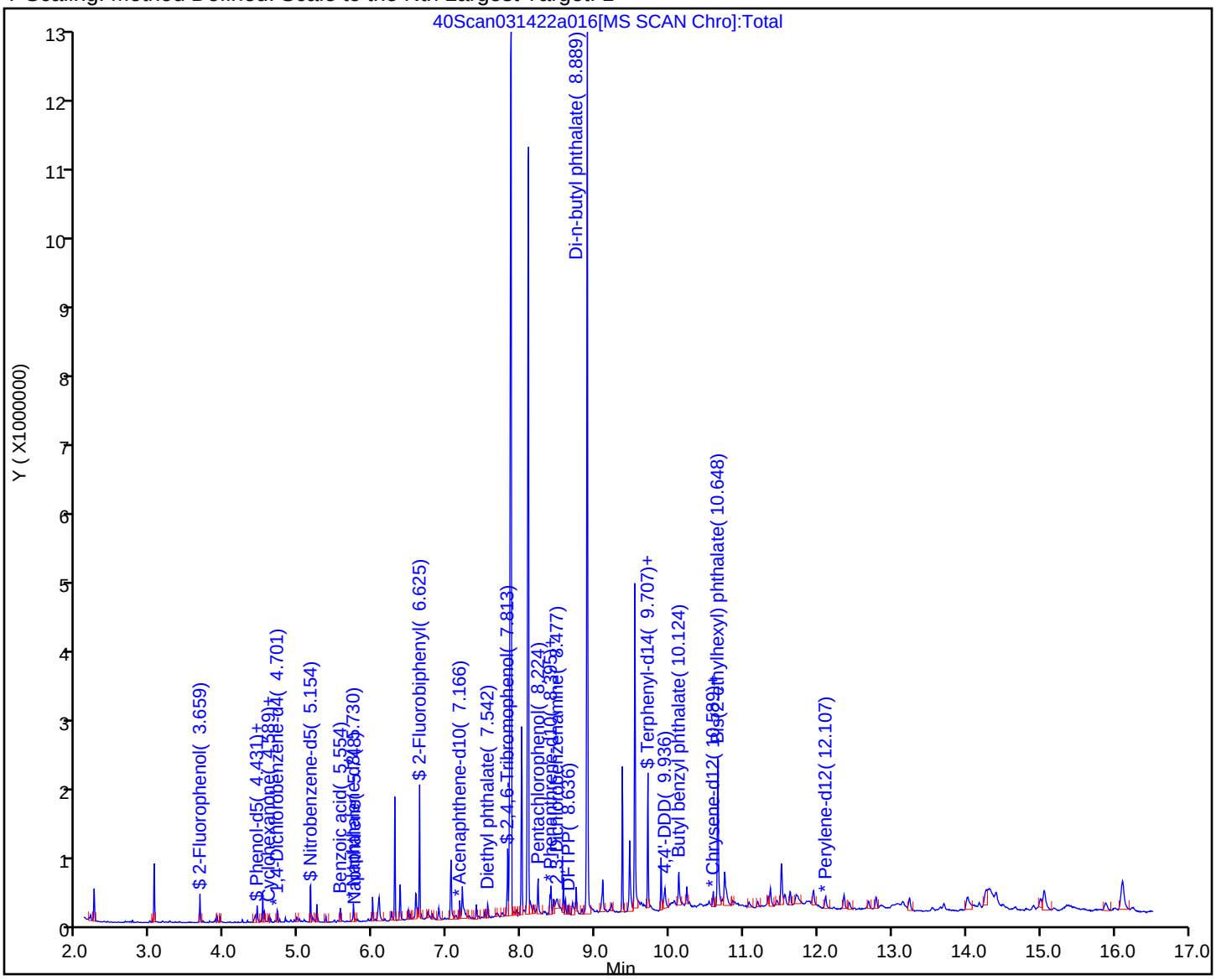
Report Date: 15-Mar-2022 10:37:54 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D

Injection Date:	14-Mar-2022 16:42:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Seattle
Recovery Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D
Lims ID: 580-111087-B-1-A
Client ID: ERH2672 (RHMW10)
Sample Type: Client
Inject. Date: 14-Mar-2022 16:42:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 580-111087-B-1-A
Operator ID: tl Instrument ID: TAC040

Method: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 15-Mar-2022 10:37:54 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1650

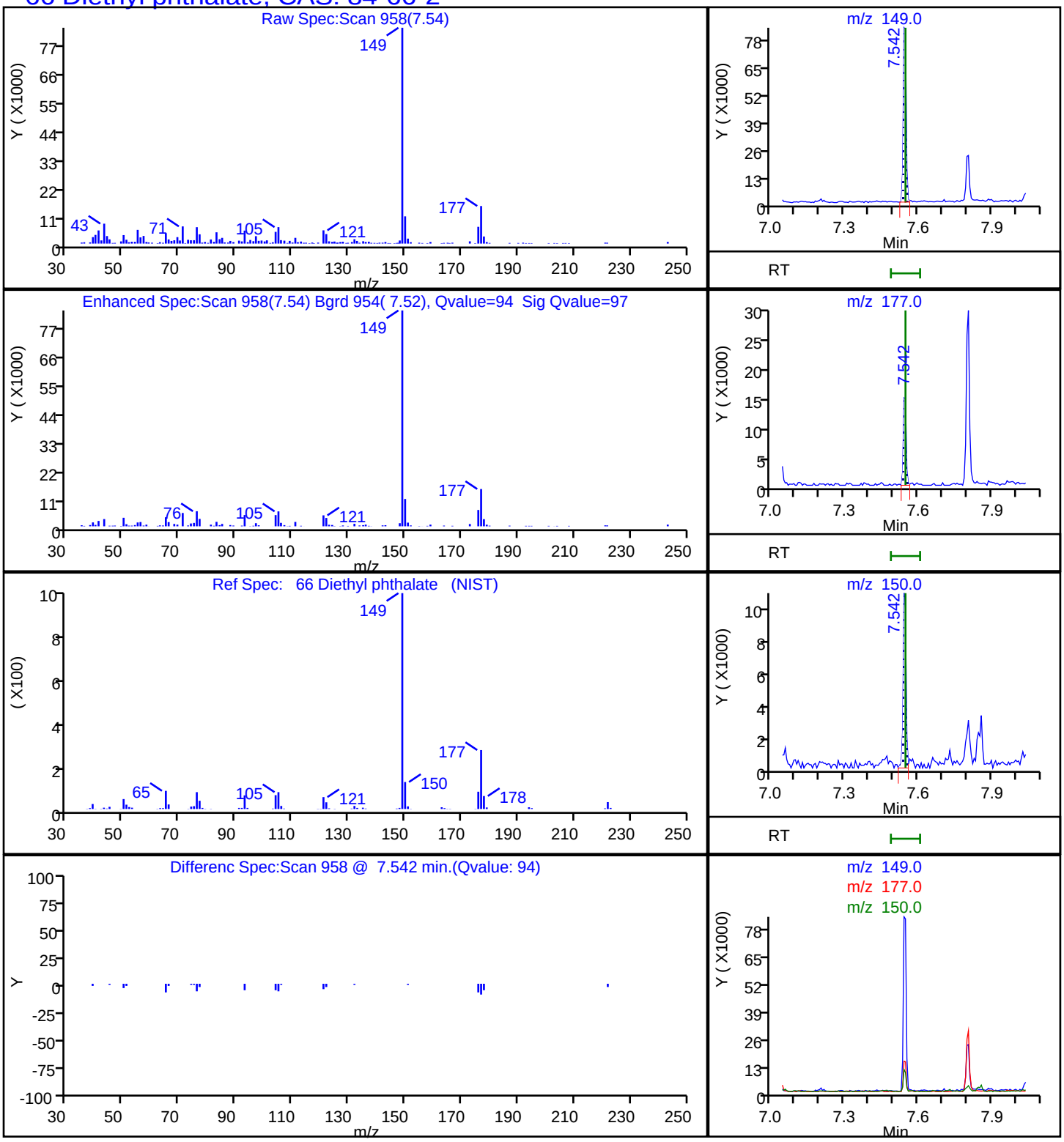
First Level Reviewer: thaneeratw Date: 15-Mar-2022 10:37:54

Compound	Amount Added	Amount Recovered	% Rec.
$ 7 2-Fluorophenol	1000.0	433.0	43.30
$ 8 Phenol-d5	1000.0	289.9	28.99
$ 9 Nitrobenzene-d5	1000.0	715.8	71.58
$ 10 2-Fluorobiphenyl	1000.0	751.1	75.11
$ 11 2,4,6-Tribromophenol	1000.0	807.8	80.78
$ 12 Terphenyl-d14	1000.0	999.3	99.93

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D				
Injection Date:	14-Mar-2022 16:42:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

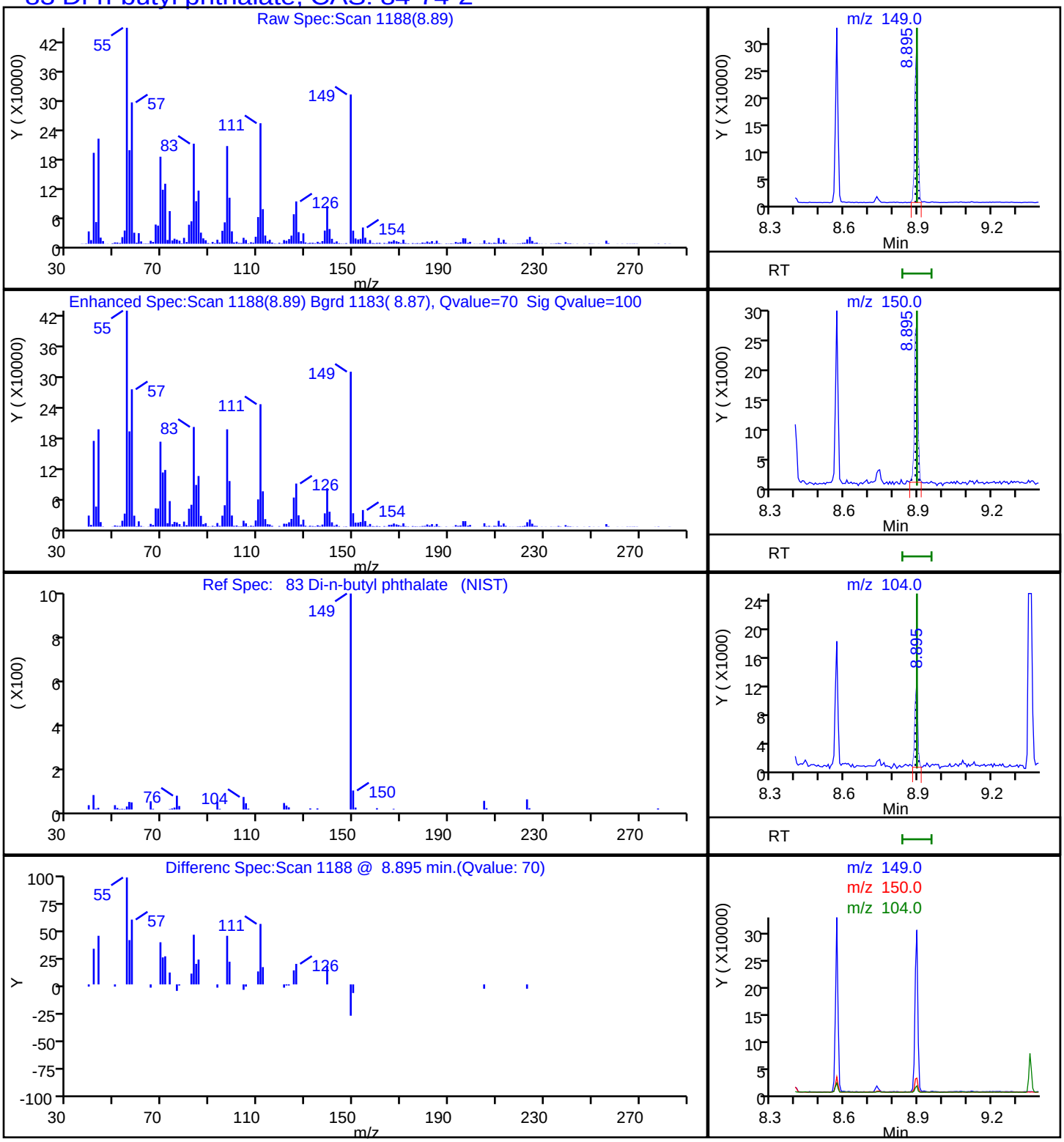
66 Diethyl phthalate, CAS: 84-66-2



Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D
Injection Date: 14-Mar-2022 16:42:30 Instrument ID: TAC040
Lims ID: 580-111087-B-1-A Lab Sample ID: 580-111087-1
Client ID: ERH2672 (RHMW10)
Operator ID: tl ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

83 Di-n-butyl phthalate, CAS: 84-74-2



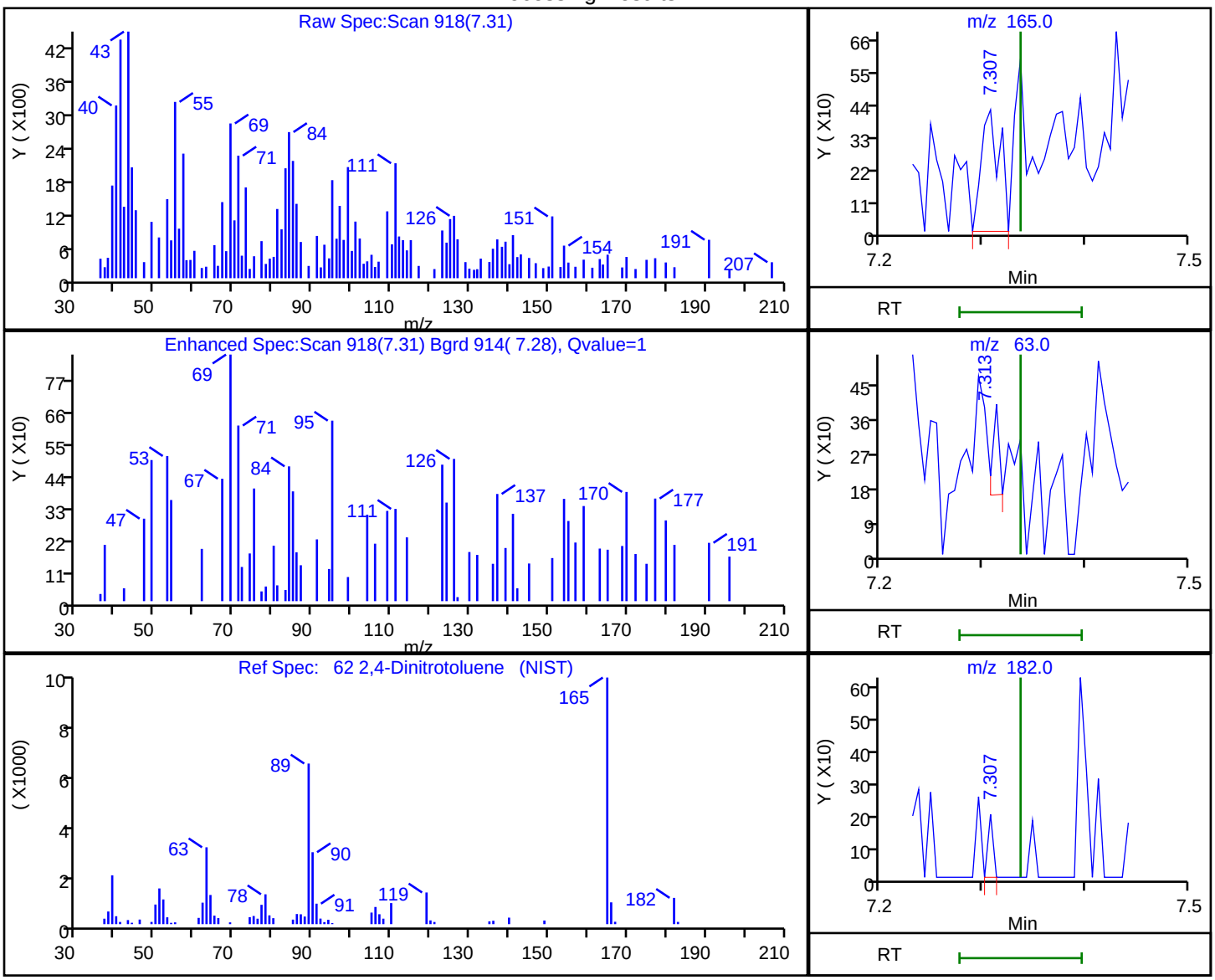
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D				
Injection Date:	14-Mar-2022 16:42:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

62 2,4-Dinitrotoluene, CAS: 121-14-2

Processing Results



RT	Mass	Response	Amount
7.31	165.00	525	25.862088
7.31	63.00	101	
7.31	182.00	69	

Reviewer: thaneeratw, 15-Mar-2022 10:35:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

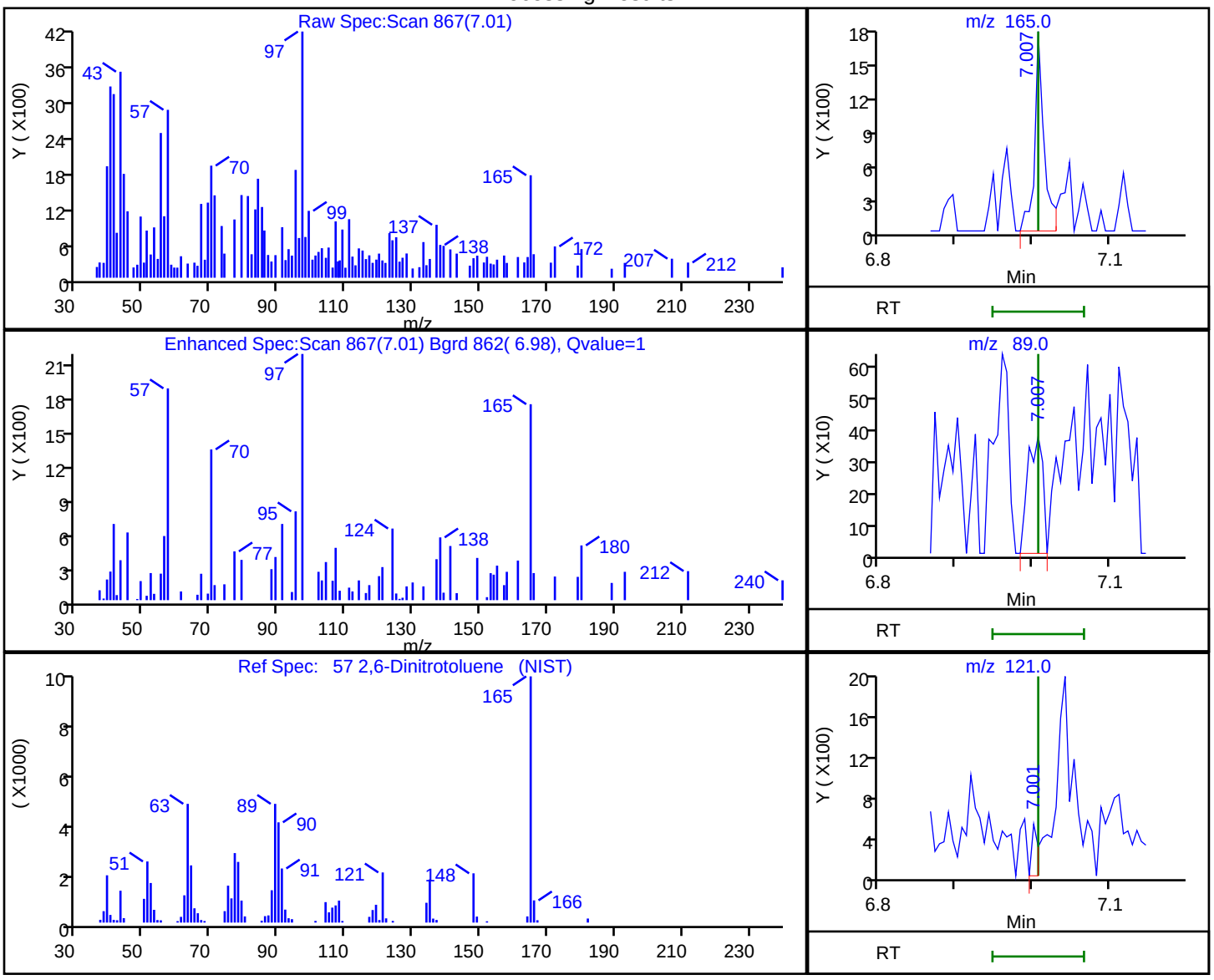
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D				
Injection Date:	14-Mar-2022 16:42:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

57 2,6-Dinitrotoluene, CAS: 606-20-2

Processing Results



RT	Mass	Response	Amount
7.01	165.00	1463	30.674039
7.01	89.00	513	
7.00	121.00	283	

Reviewer: thaneeratw, 15-Mar-2022 10:34:26

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

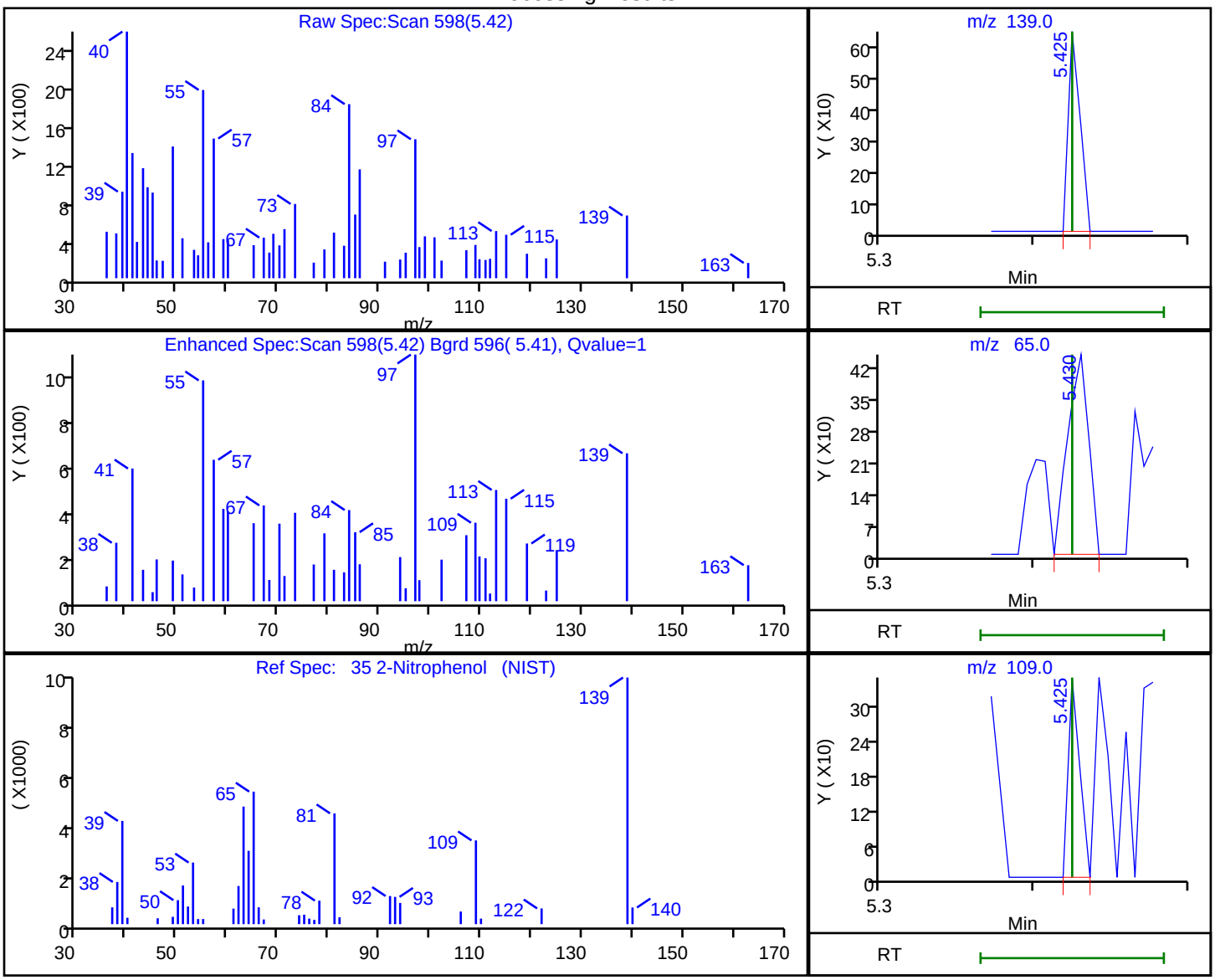
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D				
Injection Date:	14-Mar-2022 16:42:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

35 2-Nitrophenol, CAS: 88-75-5

Processing Results



RT	Mass	Response	Amount
5.42	139.00	344	2.058162
5.43	65.00	425	
5.42	109.00	177	

Reviewer: thaneeratw, 15-Mar-2022 10:32:52

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

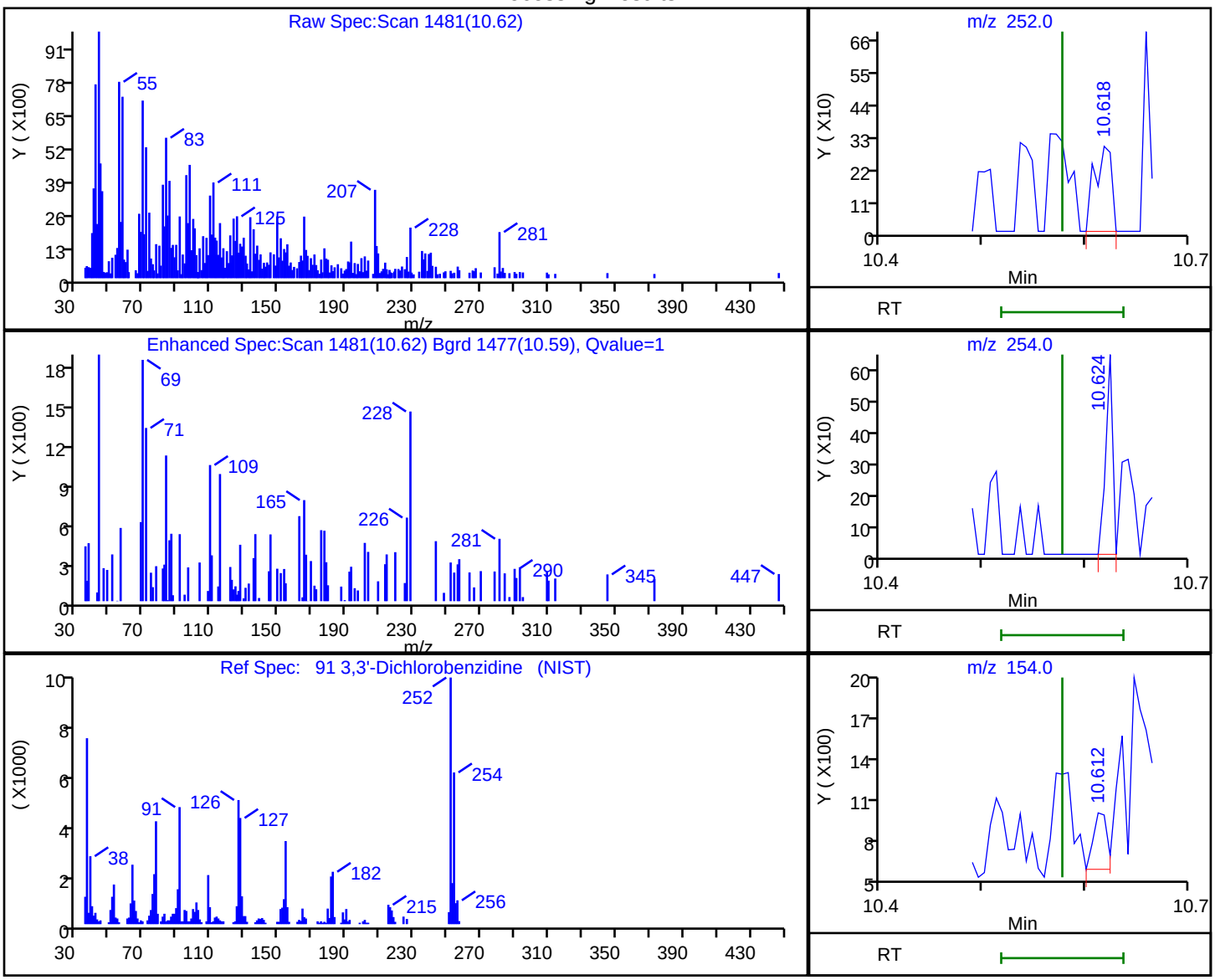
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D				
Injection Date:	14-Mar-2022 16:42:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

91 3,3'-Dichlorobenzidine, CAS: 91-94-1

Processing Results



RT	Mass	Response	Amount
10.62	252.00	335	8.906884
10.62	254.00	306	
10.61	154.00	373	

Reviewer: thaneeratw, 15-Mar-2022 10:36:02

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

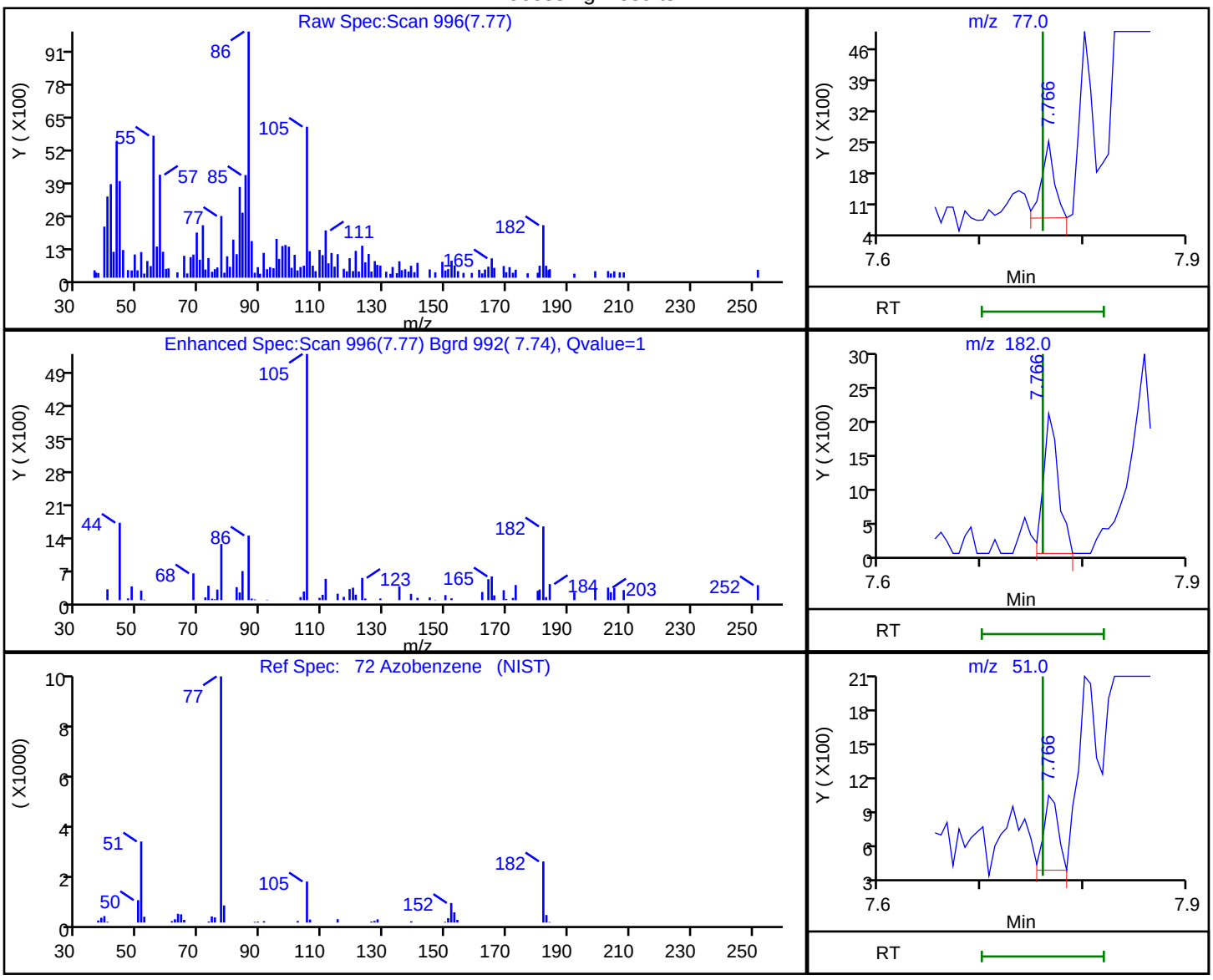
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D				
Injection Date:	14-Mar-2022 16:42:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

72 Azobenzene, CAS: 103-33-3

Processing Results



RT	Mass	Response	Amount
7.77	77.00	1519	4.687450
7.77	182.00	2133	
7.77	51.00	627	

Reviewer: thaneeratw, 15-Mar-2022 10:35:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

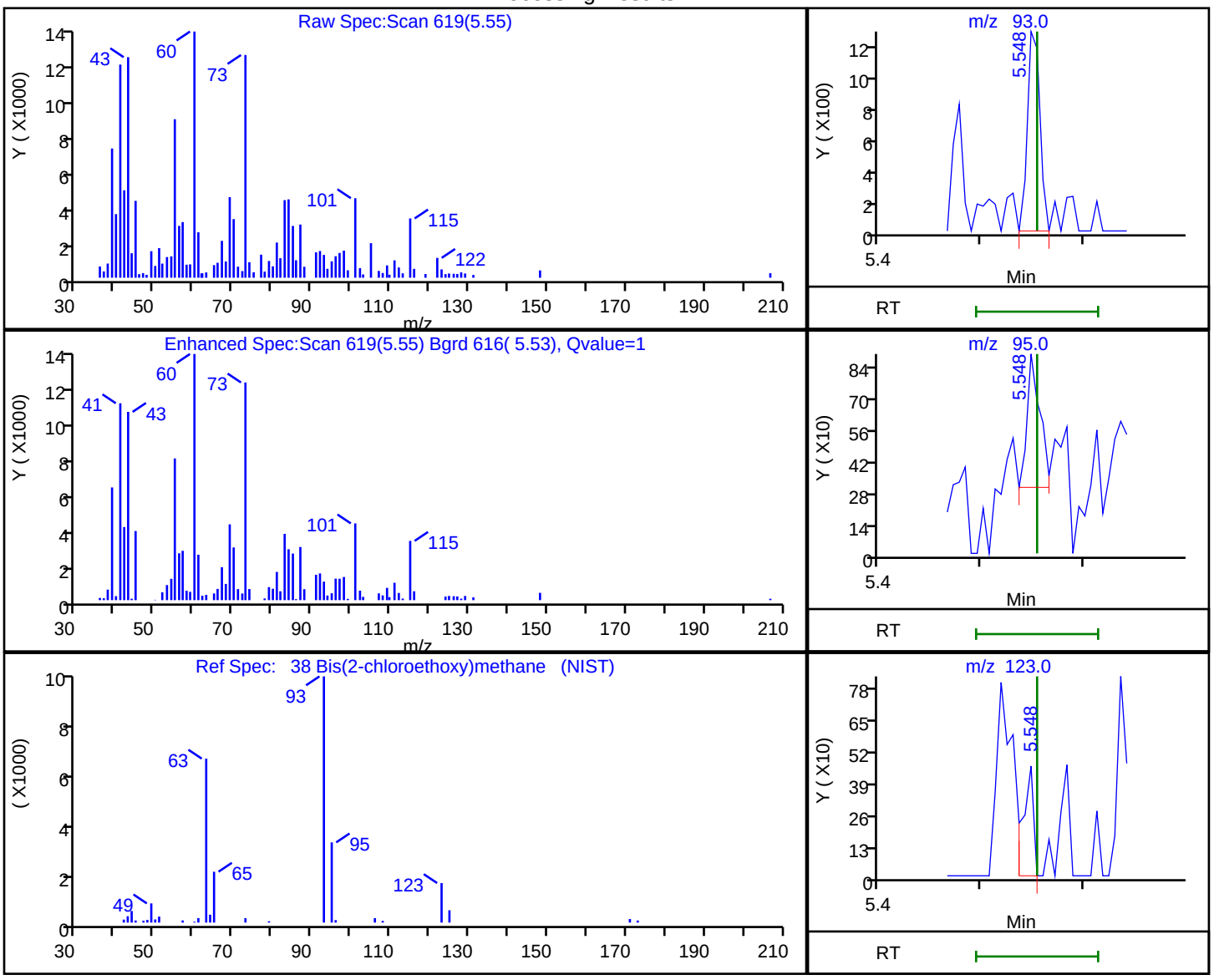
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D				
Injection Date:	14-Mar-2022 16:42:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

38 Bis(2-chloroethoxy)methane, CAS: 111-91-1

Processing Results



RT	Mass	Response	Amount
5.55	93.00	1065	4.189394
5.55	95.00	526	
5.55	123.00	326	

Reviewer: thaneeratw, 15-Mar-2022 10:33:50

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

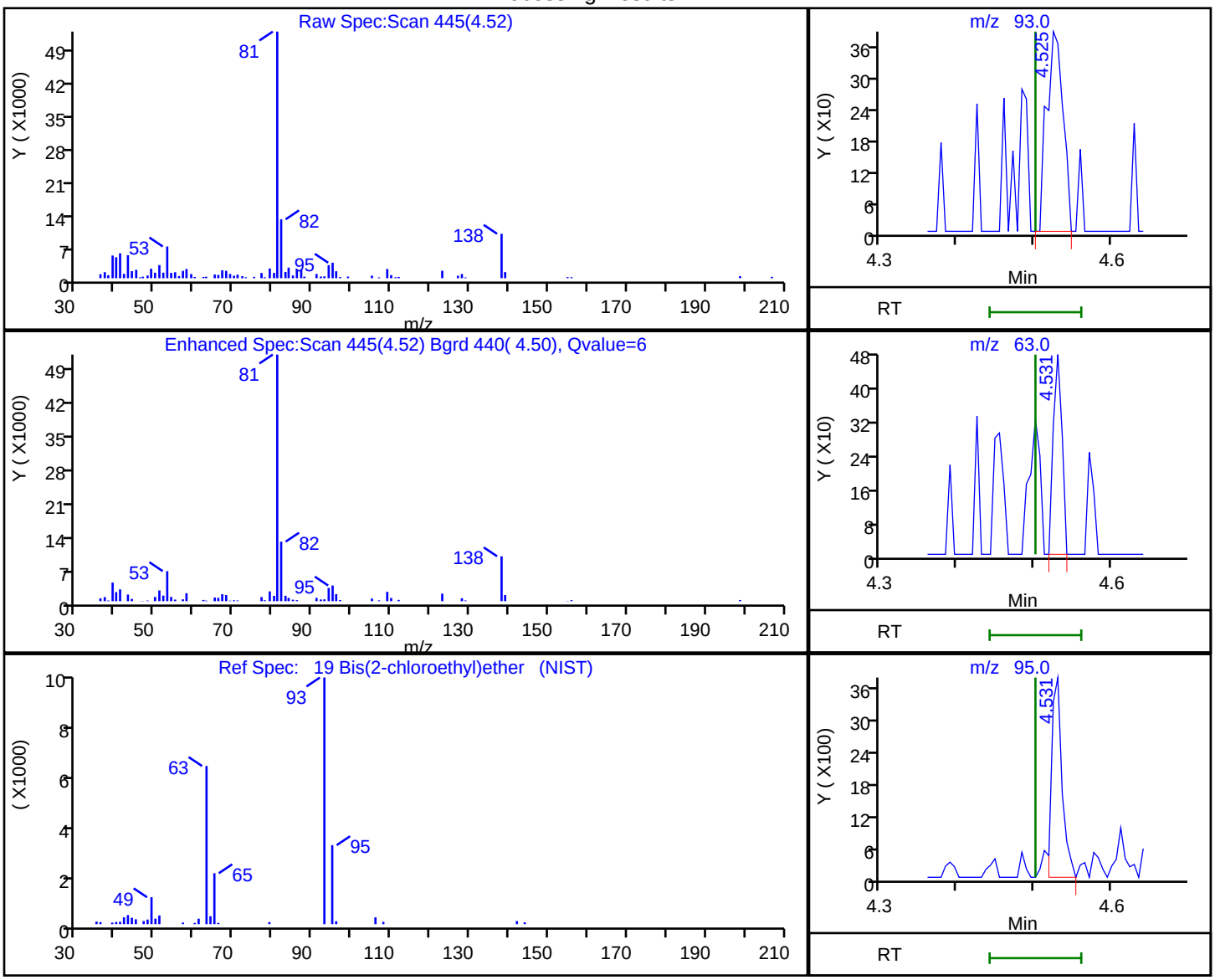
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D				
Injection Date:	14-Mar-2022 16:42:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

19 Bis(2-chloroethyl)ether, CAS: 111-44-4

Processing Results



RT	Mass	Response	Amount
4.52	93.00	571	2.793857
4.53	63.00	375	
4.53	95.00	3517	

Reviewer: thaneeratw, 15-Mar-2022 10:32:16

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

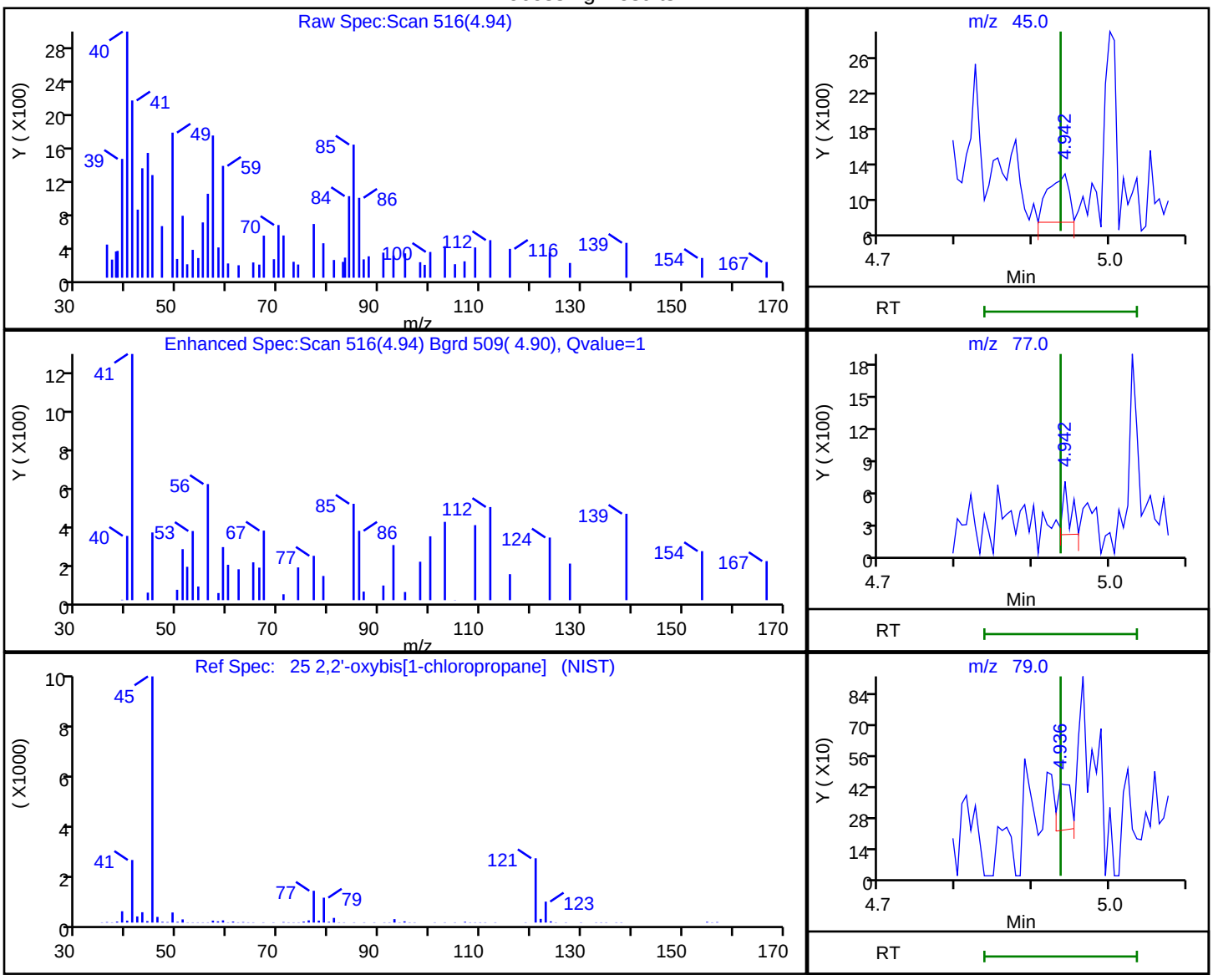
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D				
Injection Date:	14-Mar-2022 16:42:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

25 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Processing Results



RT	Mass	Response	Amount
4.94	45.00	999	3.484610
4.94	77.00	326	
4.94	79.00	264	

Reviewer: thaneeratw, 15-Mar-2022 10:32:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Seattle

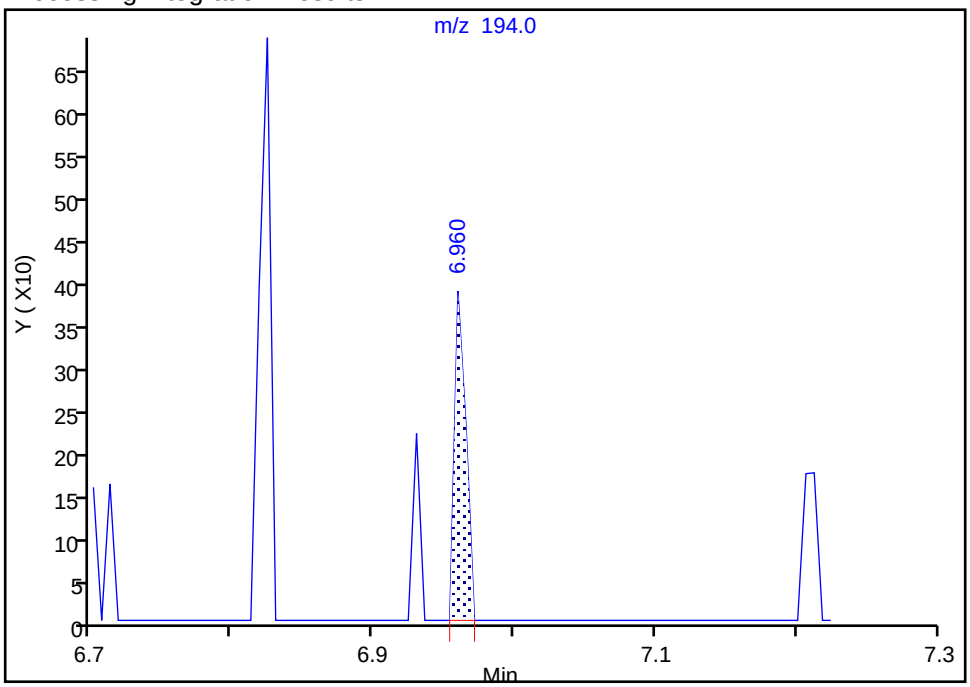
Data File:	\\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D				
Injection Date:	14-Mar-2022 16:42:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

55 Dimethyl phthalate, CAS: 131-11-3

Signal: 2

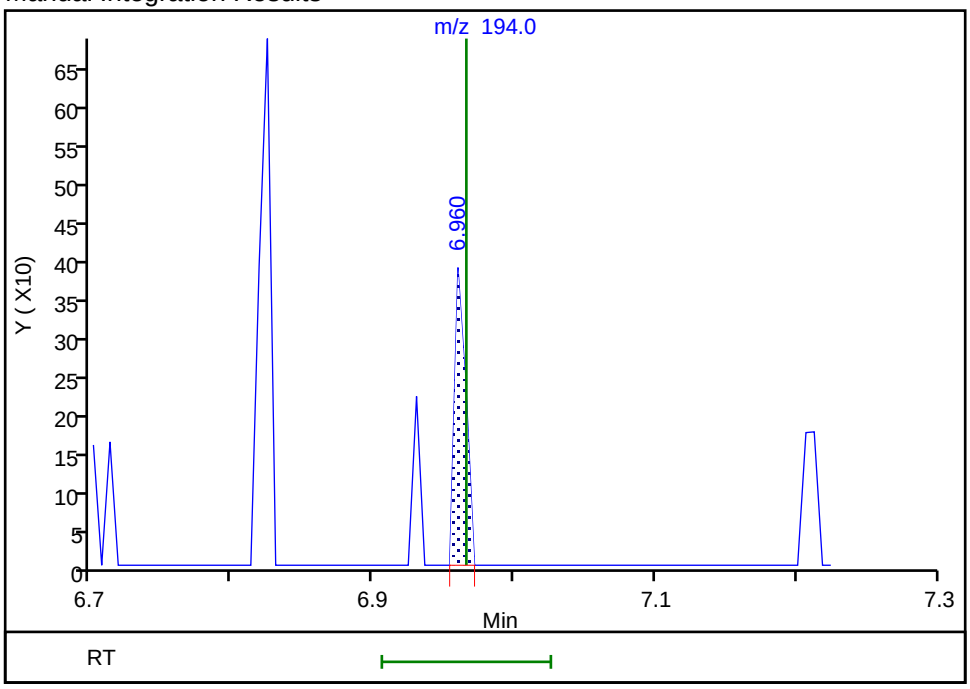
Processing Integration Results

RT: 6.96
Area: 215
Amount: 9.718731
Amount Units: ug/L



Manual Integration Results

RT: 6.96
Area: 215
Amount: 9.718731
Amount Units: ug/L



Reviewer: thaneeratw, 15-Mar-2022 10:34:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D

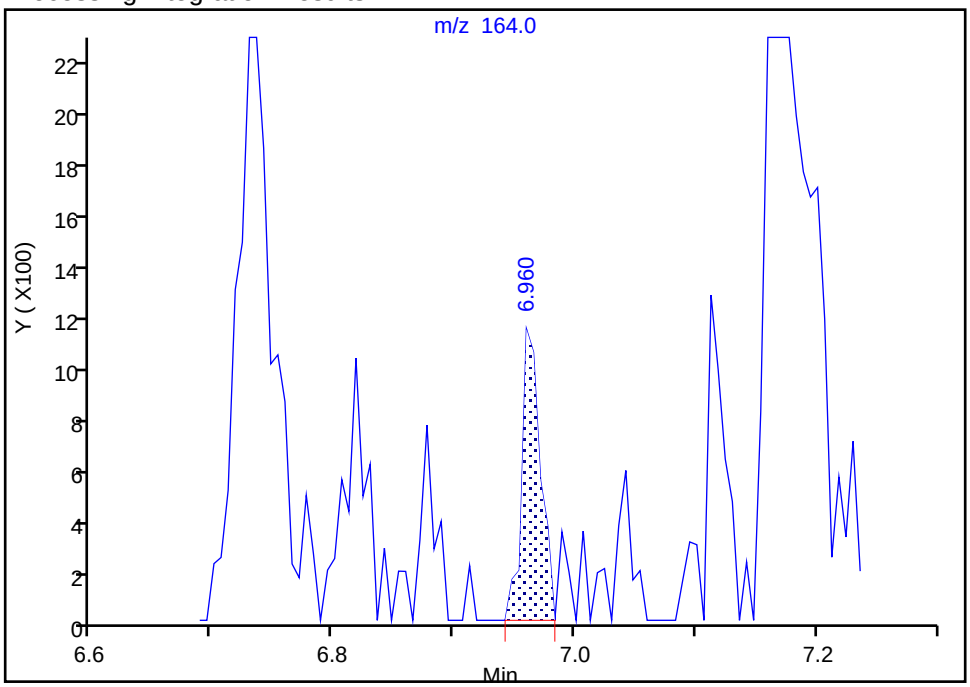
Injection Date:	14-Mar-2022 16:42:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

55 Dimethyl phthalate, CAS: 131-11-3

Signal: 3

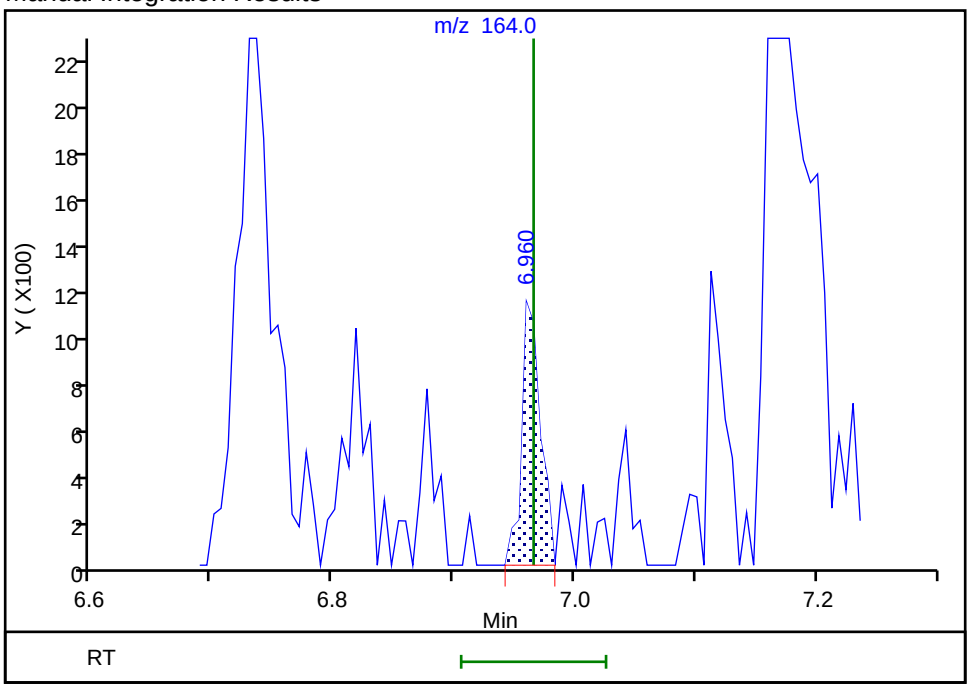
Processing Integration Results

RT: 6.96
Area: 1207
Amount: 9.718731
Amount Units: ug/L



Manual Integration Results

RT: 6.96
Area: 1207
Amount: 9.718731
Amount Units: ug/L



Reviewer: thaneeratw, 15-Mar-2022 10:34:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

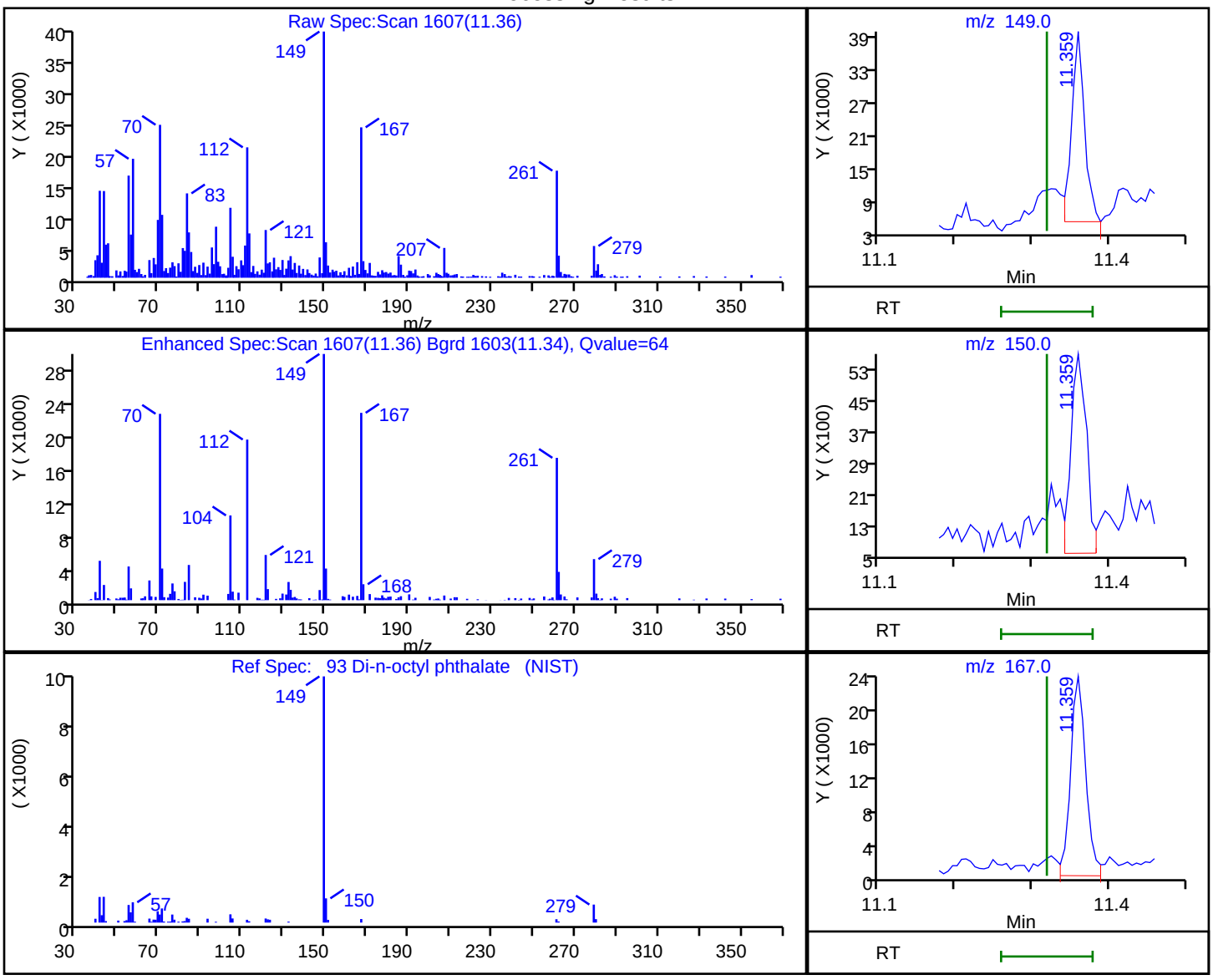
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D				
Injection Date:	14-Mar-2022 16:42:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

93 Di-n-octyl phthalate, CAS: 117-84-0

Processing Results



RT	Mass	Response	Amount
11.36	149.00	39676	65.209821
11.36	150.00	7320	
11.36	167.00	32436	

Reviewer: thaneeratw, 15-Mar-2022 10:36:07

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

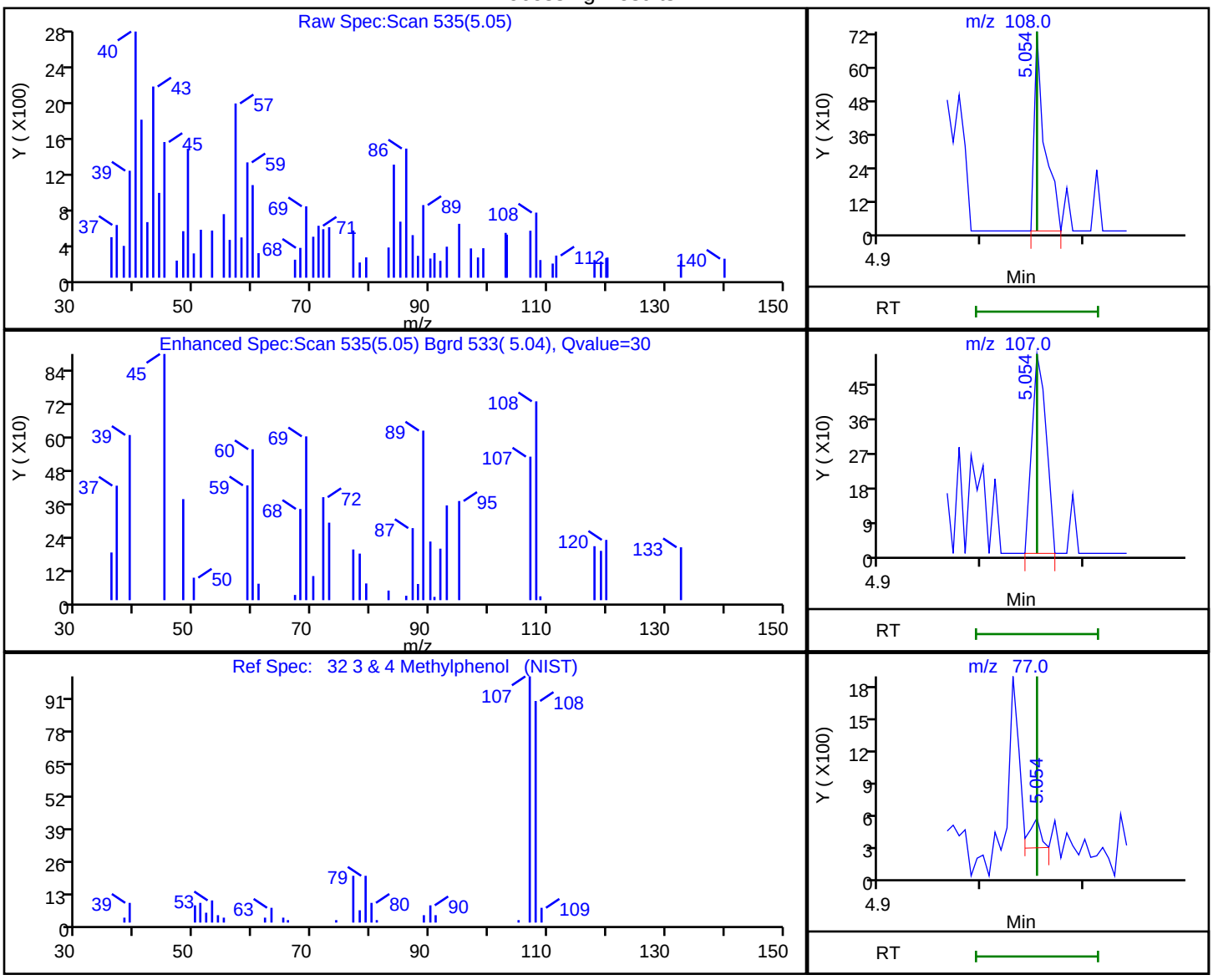
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D				
Injection Date:	14-Mar-2022 16:42:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

32 3 & 4 Methylphenol, CAS: 15831-10-4

Processing Results



RT	Mass	Response	Amount
5.05	108.00	517	2.255152
5.05	107.00	507	
5.05	77.00	208	

Reviewer: thaneeratw, 15-Mar-2022 10:32:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

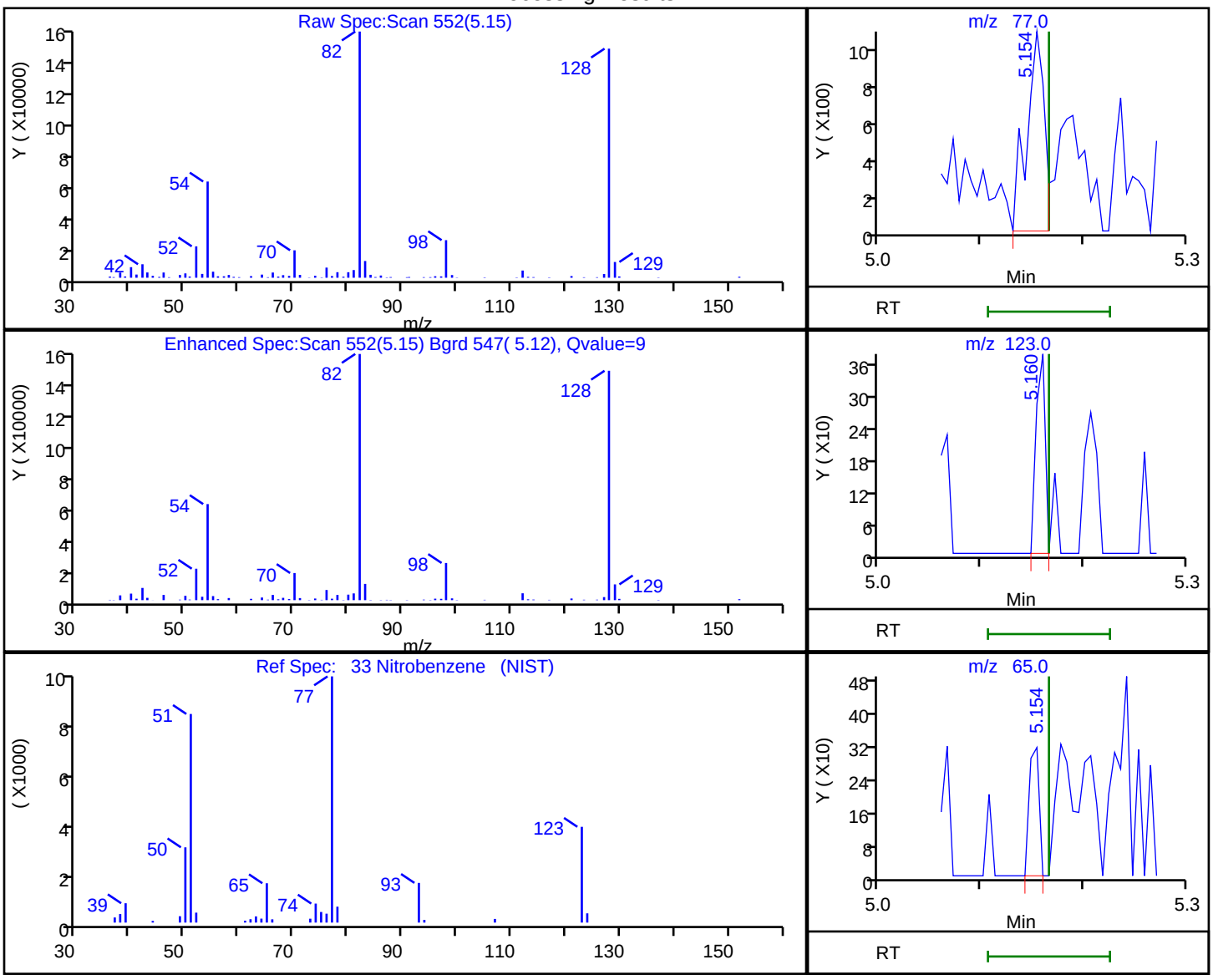
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D				
Injection Date:	14-Mar-2022 16:42:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

33 Nitrobenzene, CAS: 98-95-3

Processing Results



RT	Mass	Response	Amount
5.15	77.00	1322	7.834602
5.16	123.00	232	
5.15	65.00	211	

Reviewer: thaneeratw, 15-Mar-2022 10:32:48

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

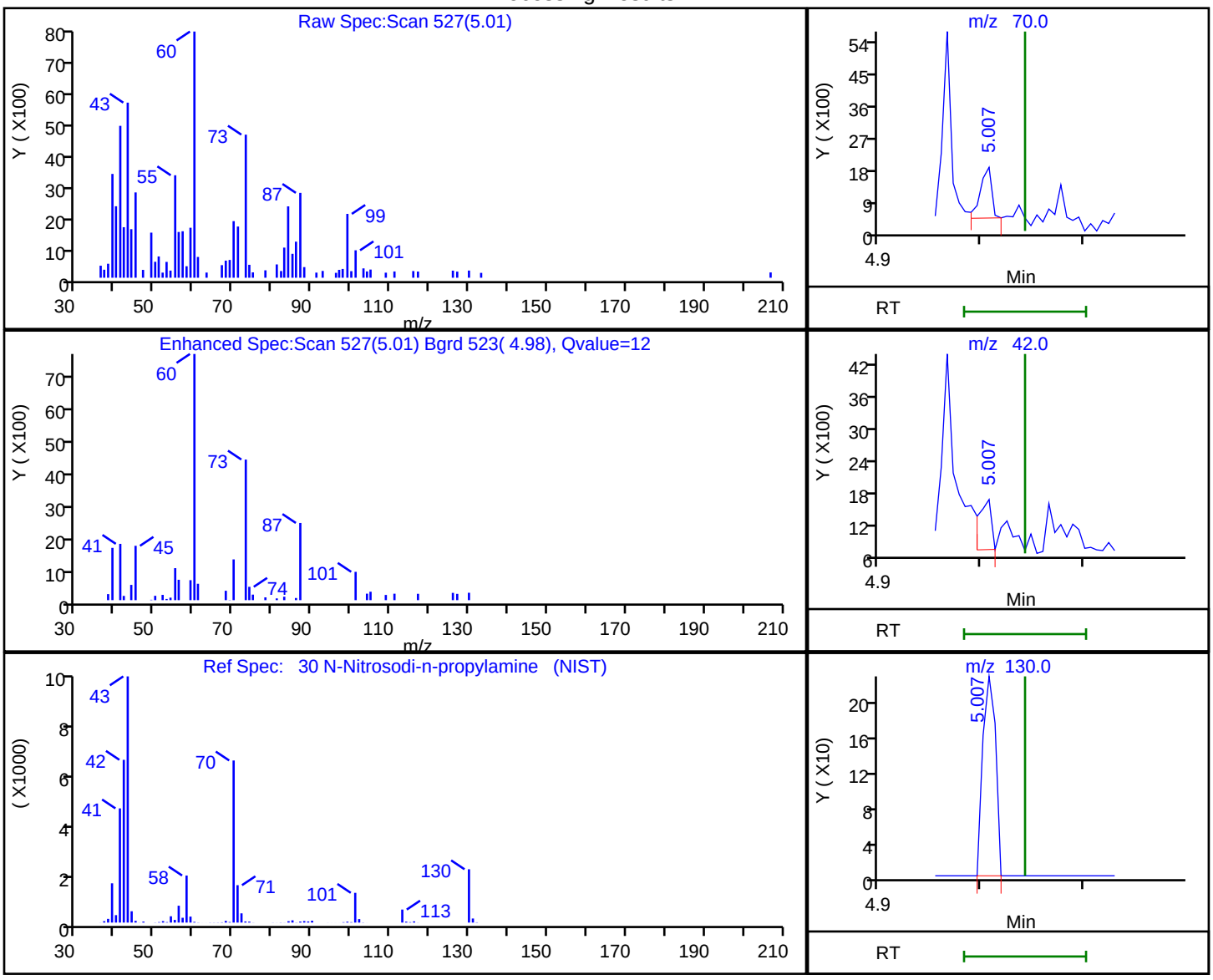
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D				
Injection Date:	14-Mar-2022 16:42:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

30 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Processing Results



RT	Mass	Response	Amount
5.01	70.00	1127	12.100495
5.01	42.00	819	
5.01	130.00	201	

Reviewer: thaneeratw, 15-Mar-2022 10:32:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

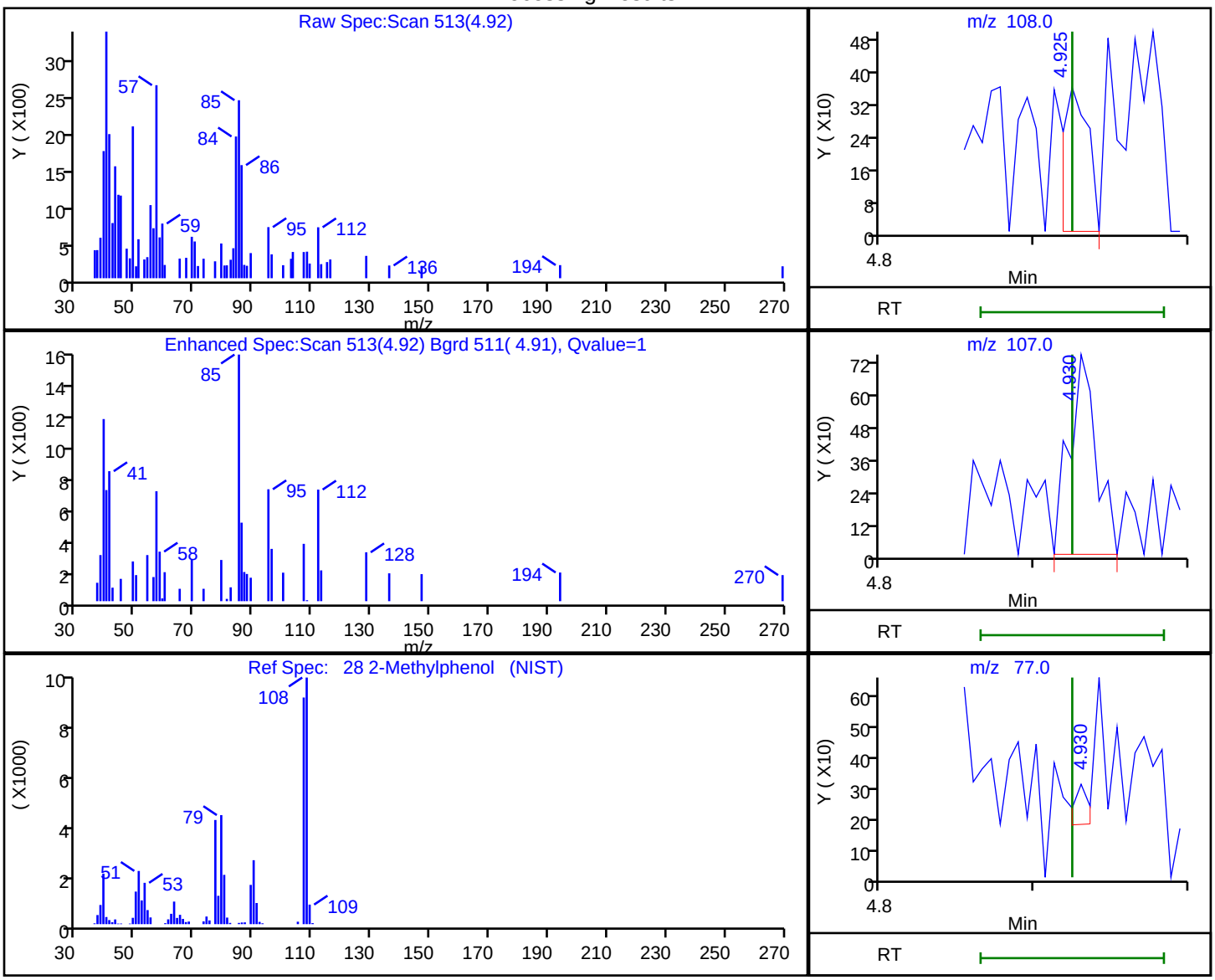
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D				
Injection Date:	14-Mar-2022 16:42:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

28 2-Methylphenol, CAS: 95-48-7

Processing Results



RT	Mass	Response	Amount
4.92	108.00	405	1.746852
4.93	107.00	921	
4.93	77.00	86	

Reviewer: thaneeratw, 15-Mar-2022 10:32:32

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a016.D

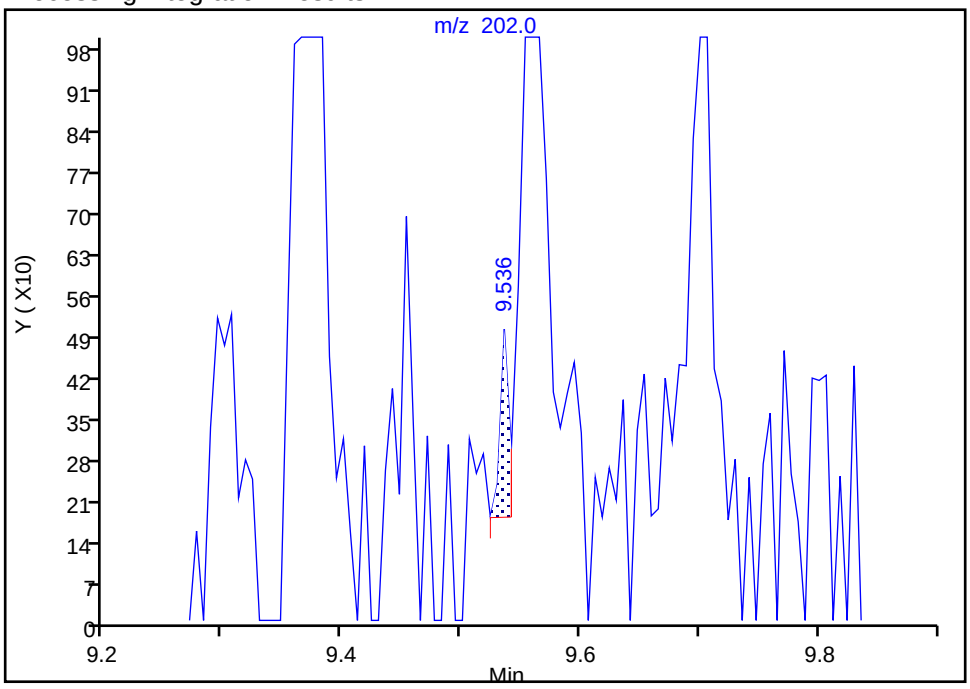
Injection Date:	14-Mar-2022 16:42:30	Instrument ID:	TAC040
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1
Client ID:	ERH2672 (RHMW10)		
Operator ID:	tl	ALS Bottle#:	12 Worklist Smp#: 12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0
Column:		Detector	MS SCAN

86 Pyrene, CAS: 129-00-0

Signal: 1

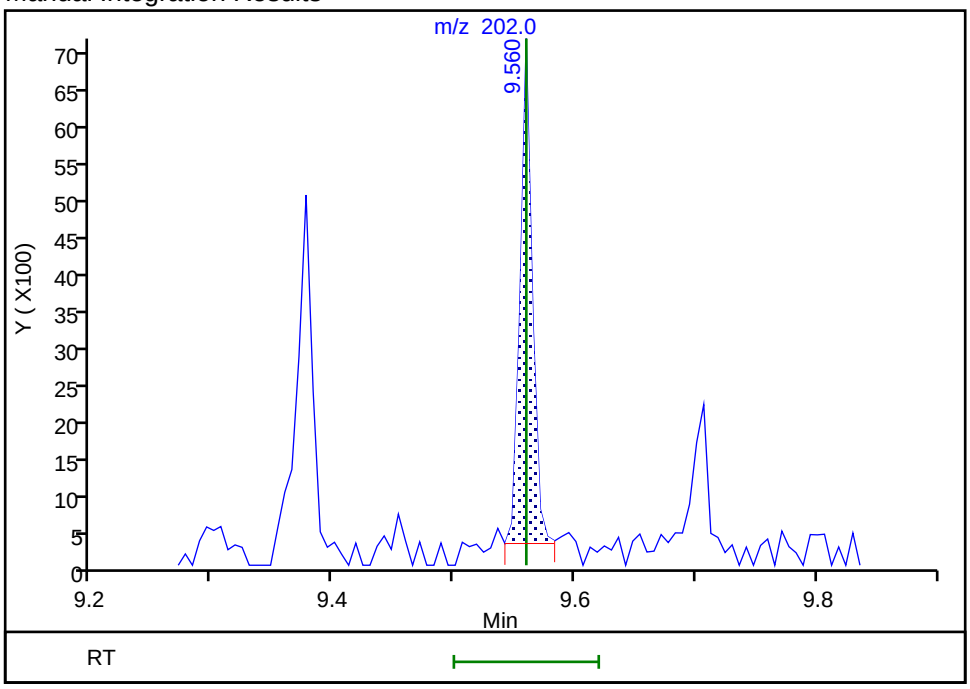
Processing Integration Results

RT: 9.54
Area: 176
Amount: 0.213699
Amount Units: ug/L



Manual Integration Results

RT: 9.56
Area: 4754
Amount: 5.772313
Amount Units: ug/L



Reviewer: thaneeratw, 15-Mar-2022 10:35:55

Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: ERH2672 (RHMW10) RA | Lab Sample ID: 580-111087-1 RA

Matrix: Water | Lab File ID: 31822A12.D

Analysis Method: 8270E | Date Collected: 03/04/2022 11:30

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 986.1(mL) | Date Analyzed: 03/18/2022 13:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 384307 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
51-28-5	2,4-Dinitrophenol	3.2	U M	5.1	3.2	1.6
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U M	2.0	1.2	0.56
100-02-7	4-Nitrophenol	6.1	U M	10	6.1	1.7
117-81-7	Bis(2-ethylhexyl) phthalate	3.4		3.0	1.6	0.75

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A12.D
Lims ID: 580-111087-B-1-A
Client ID: ERH2672 (RHMW10)
Sample Type: Client
Inject. Date: 18-Mar-2022 13:43:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 580-111087-b-1-a
Operator ID: TL Instrument ID: TAC051

Method: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 18-Mar-2022 20:34:01 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1663

First Level Reviewer: boylea Date: 18-Mar-2022 20:24:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.457	4.454	0.003	84	36817	100.0	
* 2 Naphthalene-d8	136	5.466	5.469	-0.003	95	130648	100.0	
* 3 Acenaphthene-d10	164	6.893	6.895	-0.002	70	62028	100.0	
* 4 Phenanthrene-d10	188	8.111	8.108	0.003	91	98923	100.0	
* 5 Chrysene-d12	240	10.306	10.309	-0.003	90	79330	100.0	
* 6 Perylene-d12	264	11.829	11.831	-0.002	91	88108	100.0	
$ 7 2-Fluorophenol	112	3.479	3.474	0.008	83	148811	438.0	
$ 8 Phenol-d5	99	4.227	4.228	0.003	94	121906	320.3	
$ 9 Nitrobenzene-d5	82	4.895	4.896	-0.002	87	229397	737.7	
$ 10 2-methylnaphthalene-d10	152	6.022	6.017	0.003	0	560390	NC	
$ 11 2-Fluorobiphenyl	172	6.353	6.354	-0.003	97	710145	861.0	
$ 12 2,4,6-Tribromophenol	330	7.550	7.550	0.003	77	139434	1039.9	
$ 13 Fluoranthene-d10 (Surr)	212	9.088	9.090	0.003	0	995437	NC	
$ 14 Terphenyl-d14	244	9.430	9.437	-0.003	96	851851	1149.8	
15 1,4-Dioxane	88	2.341	2.330	0.013	1	978	NC	
17 Pyridine	79	2.373	2.415	-0.040	1	450	56.6	
20 Bis(2-chloroethyl)ether	93	4.275	4.260	0.019	8	928	2.92	
22 n-Decane	57	4.334	4.335	0.003	83	29258	100.6	
26 Benzyl alcohol	79	4.574	4.586	-0.008	1	166	8.10	
30 Acetophenone	105	4.777	4.784	-0.003	33	4318	9.26	
32 3 & 4 Methylphenol	108	4.836	4.827	0.014	1	606	8.05	
34 Nitrobenzene	77	4.895	4.912	-0.018	6	2007	15.1	
38 Bis(2-chloroethoxy)methane	93	5.322	5.291	0.030	3	392	1.15	
39 Benzoic acid	105	5.317	5.318	-0.002	22	17507	395.2	
42 Naphthalene	128	5.482	5.483	-0.003	1	3738	1.18	
43 4-Chloroaniline	127	5.589	5.547	0.040	1	752	26.4	
46 4-Chloro-3-methylphenol	107	6.011	5.975	0.035	2	6107	61.9	
47 2-Methylnaphthalene	142	6.049	6.044	0.003	1	2145	2.52	
54 1,1'-Biphenyl	154	6.433	6.429	0.003	5	1841	2.05	
24 Cyclohexanone	55	6.455	6.501	-0.041	1	2459	NC	
56 2-Nitroaniline	138	6.556	6.546	0.008	1	464	62.3	
57 Dimethyl phthalate	163	6.695	6.696	-0.002	71	11031	11.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
58 1,3-Dinitrobenzene	168	6.727	6.723	0.003	1	762	124.5	
59 2,6-Dinitrotoluene	165	6.727	6.744	-0.019	1	4171	55.6	
61 3-Nitroaniline	138	6.898	6.888	0.008	8	645	76.7	
62 Acenaphthene	153	6.903	6.920	-0.019	1	1147	1.58	
66 Dibenzofuran	168	7.069	7.065	0.003	11	1529	1.66	
65 2,4-Dinitrotoluene	165	7.101	7.070	0.030	1	542	62.0	
68 Diethyl phthalate	149	7.272	7.273	-0.002	89	55037	68.5	
69 Fluorene	166	7.347	7.342	0.003	2	1768	2.41	
71 4-Nitroaniline	138	7.379	7.390	-0.013	1	837	69.8	
73 N-Nitrosodiphenylamine	169	7.454	7.460	-0.002	1	944	1.80	
74 Azobenzene	77	7.491	7.486	0.008	19	3812	10.8	
79 n-Octadecane	57	8.052	8.053	0.003	22	6645	22.6	
80 Phenanthrene	178	8.127	8.133	-0.002	29	14371	10.5	
81 Anthracene	178	8.175	8.176	0.003	1	2397	9.48	
83 Carbazole	167	8.324	8.325	0.003	7	4292	9.01	
84 Di-n-butyl phthalate	149	8.618	8.619	0.003	83	392497	270.6	
88 Benzidine	184	9.243	9.245	0.003	25	1046	90.7	
89 Pyrene	202	9.286	9.293	-0.002	24	7832	4.62	
93 4,4'-DDD	235	9.633	9.670	-0.033	1	489	NC	
94 Butyl benzyl phthalate	149	9.841	9.848	-0.003	49	26724	53.6	
95 4,4'-DDT	235	9.906	9.915	-0.006	1	645	NC	
96 3,3'-Dichlorobenzidine	252	10.322	10.302	0.024	1	168	27.0	
97 Benzo[a]anthracene	228	10.301	10.302	0.003	1	2541	9.55	
98 Bis(2-ethylhexyl) phthalate	149	10.360	10.366	-0.002	90	1258233	1689.7	
100 Di-n-octyl phthalate	149	11.065	11.023	0.046	80	86961	74.5	
101 Benzo[b]fluoranthene	252	11.391	11.397	-0.002	1	1285	3.63	
86 2,3-Dichlorobenzenamine	161	11.412	11.413	-0.004	1	11581	NC	
87 2,4'-DDD	235	11.455	11.457	0.002	1	751	NC	
104 Benzo[a]pyrene	252	11.770	11.771	0.003	1	2638	7.74	
91 Nonylphenol	135	11.845	11.854	-0.003	0	1491	NC	
92 2,4'-DDT	235	11.866	11.869	0.002	1	296	NC	
106 Dibenz(a,h)anthracene	278	13.164	13.171	-0.003	1	858	14.8	
107 Benzo[g,h,i]perylene	276	13.442	13.465	-0.019	1	160	3.91	
124 DFTPP								

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

8270SIM_IS_00069 Amount Added: 10.00 Units: uL Run Reagent

Report Date: 18-Mar-2022 20:34:33 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A12.D

Injection Date: 18-Mar-2022 13:43:30 Instrument ID: TAC051

Lims ID: 580-111087-B-1-A Lab Sample ID: 580-111087-1

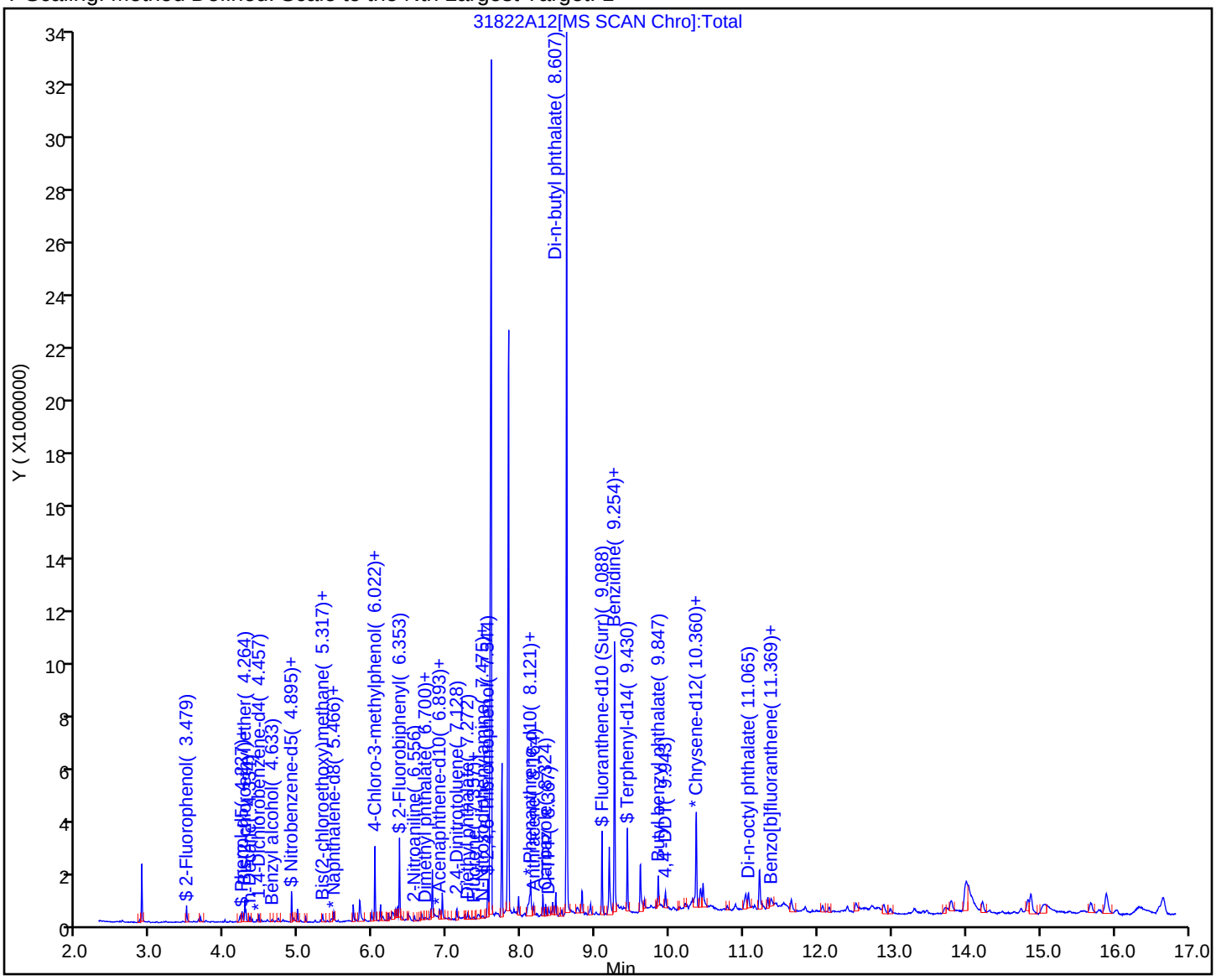
Client ID: ERH2672 (RHMW10)

Operator ID: TL ALS Bottle#: 11 Worklist Smp#: 11

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Seattle
Recovery Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A12.D
Lims ID: 580-111087-B-1-A
Client ID: ERH2672 (RHMW10)
Sample Type: Client
Inject. Date: 18-Mar-2022 13:43:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 580-111087-b-1-a
Operator ID: TL Instrument ID: TAC051

Method: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 18-Mar-2022 20:34:01 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1663

First Level Reviewer: boylea Date: 18-Mar-2022 20:24:54

Compound	Amount Added	Amount Recovered	% Rec.
$ 7 2-Fluorophenol	1000.0	438.0	43.80
$ 8 Phenol-d5	1000.0	320.3	32.03
$ 9 Nitrobenzene-d5	1000.0	737.7	73.77
$ 11 2-Fluorobiphenyl	1000.0	861.0	86.10
$ 12 2,4,6-Tribromophenol	1000.0	1039.9	103.99
$ 14 Terphenyl-d14	1000.0	1149.8	114.98

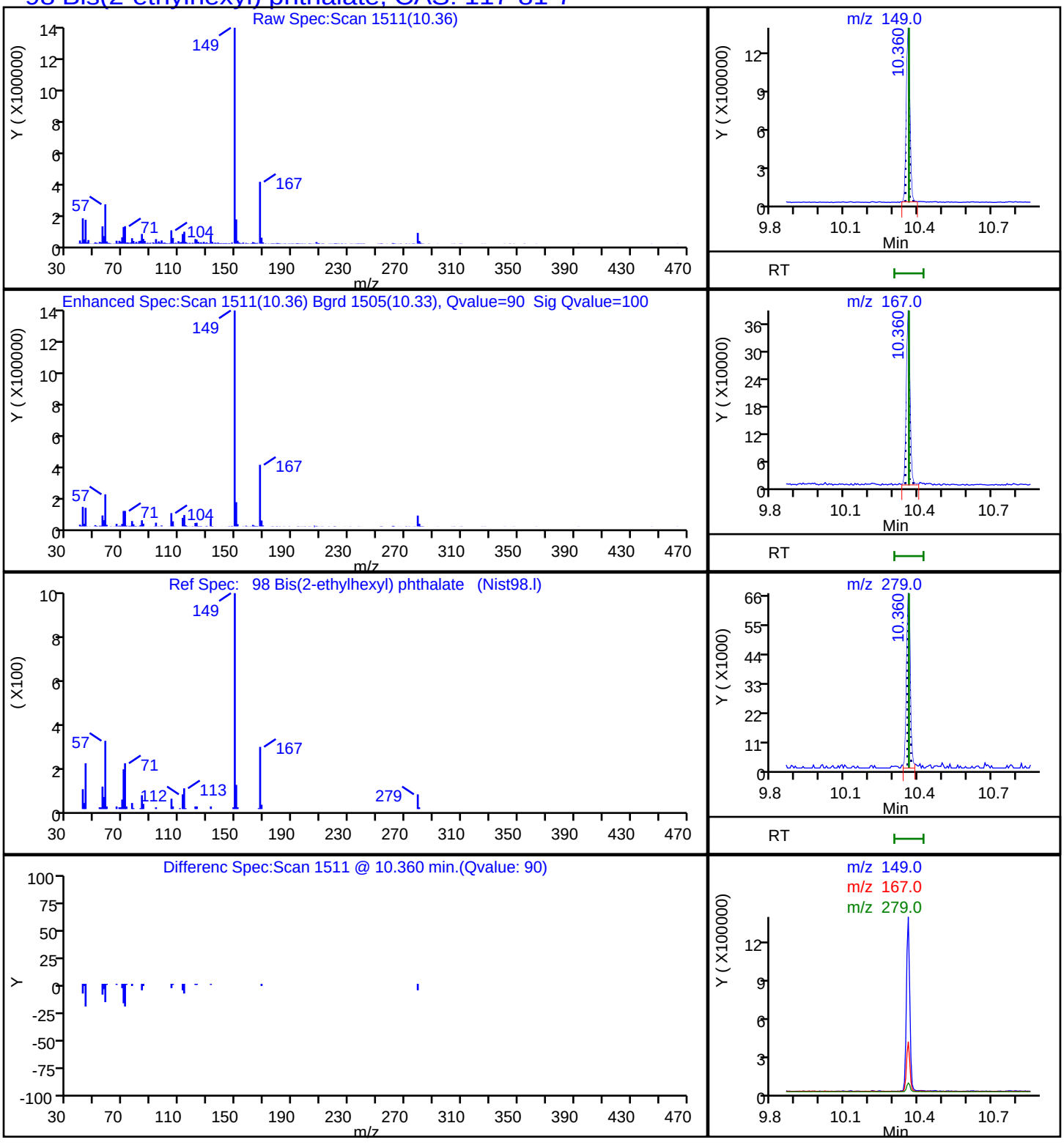
Report Date: 18-Mar-2022 20:34:34 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A12.D

Injection Date:	18-Mar-2022 13:43:30	Instrument ID:	TAC051		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	TL	ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270 TAC051	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

98 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



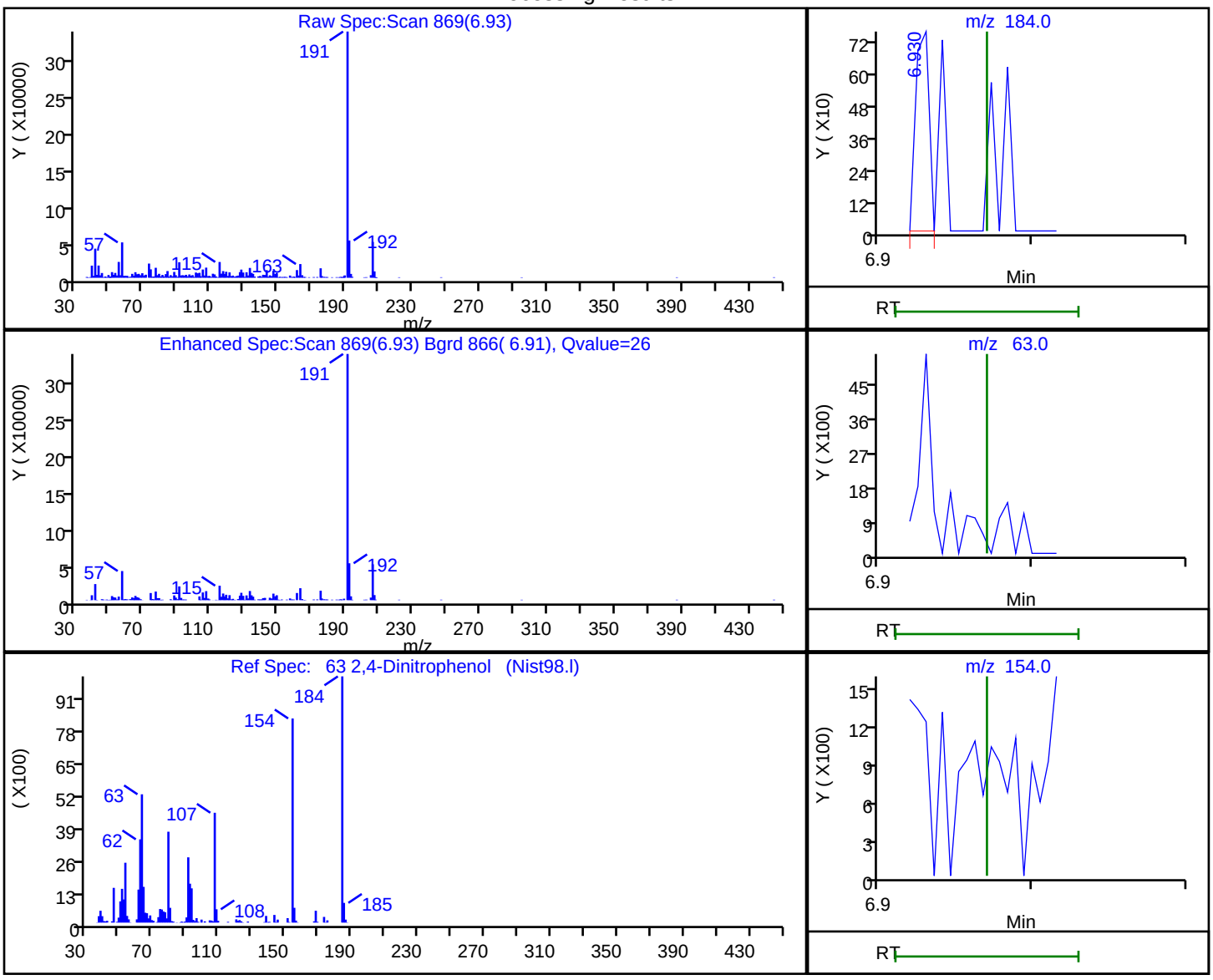
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A12.D				
Injection Date:	18-Mar-2022 13:43:30	Instrument ID:	TAC051		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	TL	ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270 TAC051	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

63 2,4-Dinitrophenol, CAS: 51-28-5

Processing Results



RT	Mass	Response	Amount
6.93	184.00	462	431.5795
6.93	63.00	4423	
6.92	154.00	2942	

Reviewer: boylea, 18-Mar-2022 20:24:36

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

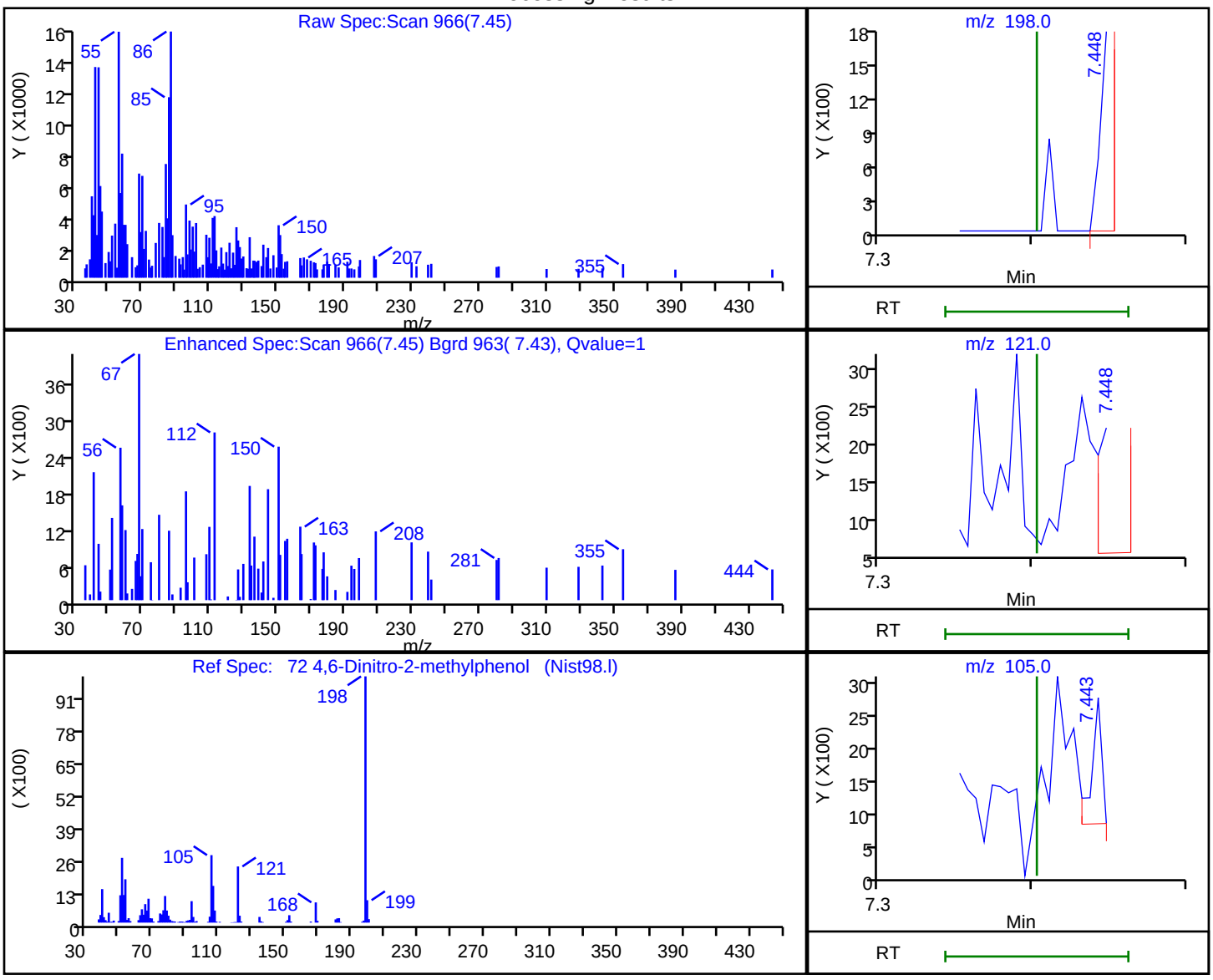
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A12.D				
Injection Date:	18-Mar-2022 13:43:30	Instrument ID:	TAC051		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	TL	ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270 TAC051	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

72 4,6-Dinitro-2-methylphenol, CAS: 534-52-1

Processing Results



RT	Mass	Response	Amount
7.45	198.00	783	188.0812
7.45	121.00	1673	
7.44	105.00	882	

Reviewer: boylea, 18-Mar-2022 20:24:25

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

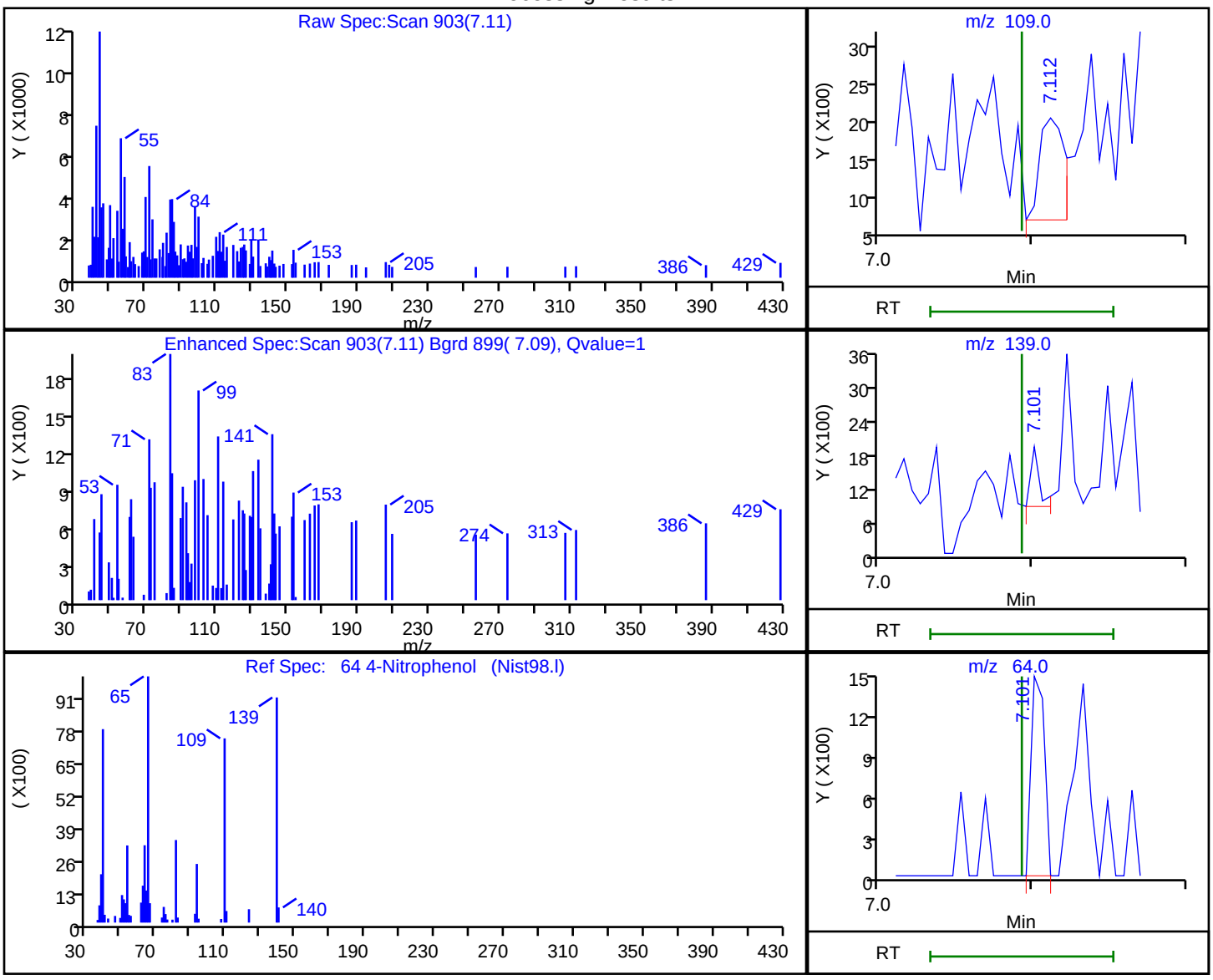
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A12.D				
Injection Date:	18-Mar-2022 13:43:30	Instrument ID:	TAC051		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	TL	ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270 TAC051	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

64 4-Nitrophenol, CAS: 100-02-7

Processing Results



RT	Mass	Response	Amount
7.11	109.00	1499	797.5455
7.10	139.00	432	
7.10	64.00	873	

Reviewer: boylea, 18-Mar-2022 20:24:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: ERH2670 (RHMW19) | Lab Sample ID: 580-111087-2

Matrix: Water | Lab File ID: 40Scan031422a017.D

Analysis Method: 8270E | Date Collected: 03/04/2022 14:35

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 994.1(mL) | Date Analyzed: 03/14/2022 17:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383728 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
120-82-1	1,2,4-Trichlorobenzene	0.30	U	0.40	0.30	0.091
95-50-1	1,2-Dichlorobenzene	0.15	U	0.40	0.15	0.050
541-73-1	1,3-Dichlorobenzene	0.091	U	0.40	0.091	0.040
106-46-7	1,4-Dichlorobenzene	0.091	U	0.40	0.091	0.040
95-95-4	2,4,5-Trichlorophenol	0.30	U	0.40	0.30	0.10
88-06-2	2,4,6-Trichlorophenol	0.30	U	0.60	0.30	0.10
120-83-2	2,4-Dichlorophenol	0.50	U	1.0	0.50	0.20
105-67-9	2,4-Dimethylphenol	0.50	U	4.0	0.50	0.16
121-14-2	2,4-Dinitrotoluene	0.30	U	1.0	0.30	0.10
606-20-2	2,6-Dinitrotoluene	0.30	U	0.40	0.30	0.10
91-58-7	2-Chloronaphthalene	0.15	U	1.0	0.15	0.070
95-57-8	2-Chlorophenol	0.15	U	1.0	0.15	0.050
88-75-5	2-Nitrophenol	0.15	U	1.0	0.15	0.070
91-94-1	3,3'-Dichlorobenzidine	0.60	U	1.0	0.60	0.26
101-55-3	4-Bromophenyl phenyl ether	0.15	U	0.60	0.15	0.060
59-50-7	4-Chloro-3-methylphenol	0.30	U	0.60	0.30	0.13
7005-72-3	4-Chlorophenyl phenyl ether	0.15	U	0.60	0.15	0.050
103-33-3	Azobenzene	0.15	U M	2.0	0.15	0.060
111-91-1	Bis(2-chloroethoxy)methane	0.15	U	0.60	0.15	0.050
111-44-4	Bis(2-chloroethyl)ether	0.091	U	0.10	0.091	0.030
108-60-1	bis (2-chloroisopropyl) ether	0.15	U	0.25	0.15	0.060
85-68-7	Butyl benzyl phthalate	0.60	U Q	4.0	0.60	0.27
84-66-2	Diethyl phthalate	0.30	U	1.0	0.30	0.15
131-11-3	Dimethyl phthalate	0.15	U	0.60	0.15	0.060
84-74-2	Di-n-butyl phthalate	0.50	U	3.0	0.50	0.19
117-84-0	Di-n-octyl phthalate	0.30	U M	1.0	0.30	0.13
118-74-1	Hexachlorobenzene	0.091	U	0.60	0.091	0.040
87-68-3	Hexachlorobutadiene	0.15	U	1.0	0.15	0.060
77-47-4	Hexachlorocyclopentadiene	0.30	U	1.0	0.30	0.14
67-72-1	Hexachloroethane	0.15	U	1.0	0.15	0.050
78-59-1	Isophorone	0.30	U	0.40	0.30	0.10
15831-10-4	m+p-Cresol	0.30	U	0.60	0.30	0.10
98-95-3	Nitrobenzene	0.091	U	1.0	0.091	0.040
62-75-9	N-Nitrosodimethylamine	0.60	U	2.0	0.60	0.26

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: ERH2670 (RHMW19) | Lab Sample ID: 580-111087-2

Matrix: Water | Lab File ID: 40Scan031422a017.D

Analysis Method: 8270E | Date Collected: 03/04/2022 14:35

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 994.1(mL) | Date Analyzed: 03/14/2022 17:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383728 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
621-64-7	N-Nitrosodi-n-propylamine	0.091	U	0.40	0.091	0.060
86-30-6	N-Nitrosodiphenylamine	0.15	U	1.0	0.15	0.070
95-48-7	o-Cresol	0.15	U	0.60	0.15	0.050
87-86-5	Pentachlorophenol	1.0	U	10	1.0	0.51
108-95-2	Phenol	0.60	U	1.0	0.60	0.36
129-00-0	Pyrene	0.091	U	1.0	0.091	0.040
110-86-1	Pyridine	3.2	U Q	10	3.2	1.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	71		43-140
321-60-8	2-Fluorobiphenyl	79		44-119
367-12-4	2-Fluorophenol (Surr)	47		19-119
4165-60-0	Nitrobenzene-d5 (Surr)	71		44-120
4165-62-2	Phenol-d5 (Surr)	29		10-120
1718-51-0	Terphenyl-d14	95		50-134

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a017.D
Lims ID: 580-111087-B-2-A
Client ID: ERH2670 (RHMW19)
Sample Type: Client
Inject. Date: 14-Mar-2022 17:05:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 580-111087-B-2-A
Operator ID: tl Instrument ID: TAC040

Method: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 15-Mar-2022 10:41:34 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: thaneeratw Date: 15-Mar-2022 10:41:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.701	4.701	0.000	85	24740	100.0	
* 2 Naphthalene-d8	136	5.730	5.731	-0.001	96	88017	100.0	
* 3 Acenaphthene-d10	164	7.166	7.166	0.000	89	37188	100.0	
* 4 Phenanthrene-d10	188	8.383	8.383	0.000	95	69873	100.0	
* 5 Chrysene-d12	240	10.589	10.589	0.000	96	62591	100.0	
* 6 Perylene-d12	264	12.101	12.107	-0.006	93	63763	100.0	
$ 7 2-Fluorophenol	112	3.659	3.654	0.005	76	110094	471.8	
$ 8 Phenol-d5	99	4.430	4.431	-0.001	96	72460	294.4	
$ 9 Nitrobenzene-d5	82	5.154	5.154	0.000	77	120183	710.8	
$ 10 2-Fluorobiphenyl	172	6.624	6.625	-0.001	99	376107	791.8	
$ 11 2,4,6-Tribromophenol	330	7.818	7.819	-0.001	82	92606	713.1	
$ 12 Terphenyl-d14	244	9.707	9.707	0.000	97	483335	949.4	
26 Cyclohexanone	55	4.507	4.553	-0.035	1	141	NC	
21 n-Decane	57	4.589	4.589	0.000	86	12905	106.3	
36 Benzoic acid	105	5.513	5.513	-0.029	72	3597	163.4	M
41 Naphthalene	128	5.748	5.748	0.000	1	1815	2.25	
55 Dimethyl phthalate	163	6.966	6.966	0.000	66	3451	6.71	
66 Diethyl phthalate	149	7.548	7.548	0.000	93	28120	60.5	
79 Phenanthrene	178	8.401	8.401	0.000	17	2356	3.29	
83 Di-n-butyl phthalate	149	8.889	8.895	-0.006	39	10356	13.3	
84 Fluoranthene	202	9.377	9.377	0.000	11	2889	4.05	
86 Pyrene	202	9.560	9.560	0.000	58	1709	2.33	
88 Nonylphenol	135	9.754	9.743	0.018	0	399	NC	
87 Butyl benzyl phthalate	149	10.118	10.124	-0.006	54	6452	17.6	
92 Bis(2-ethylhexyl) phthalate	149	10.648	10.648	0.000	84	42343	82.6	
121 DFTPP								
125 4,4'-DDT	235	10.201	10.189	0.012	1	163	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

MeCl2_CT_00216	Amount Added:	1.00	Units: mL	Run Reagent
8270SIM_IS_00069	Amount Added:	10.00	Units: uL	Run Reagent

Report Date: 15-Mar-2022 10:41:34 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a017.D

Injection Date: 14-Mar-2022 17:05:30 Instrument ID: TAC040

Lims ID: 580-111087-B-2-A Lab Sample ID: 580-111087-2

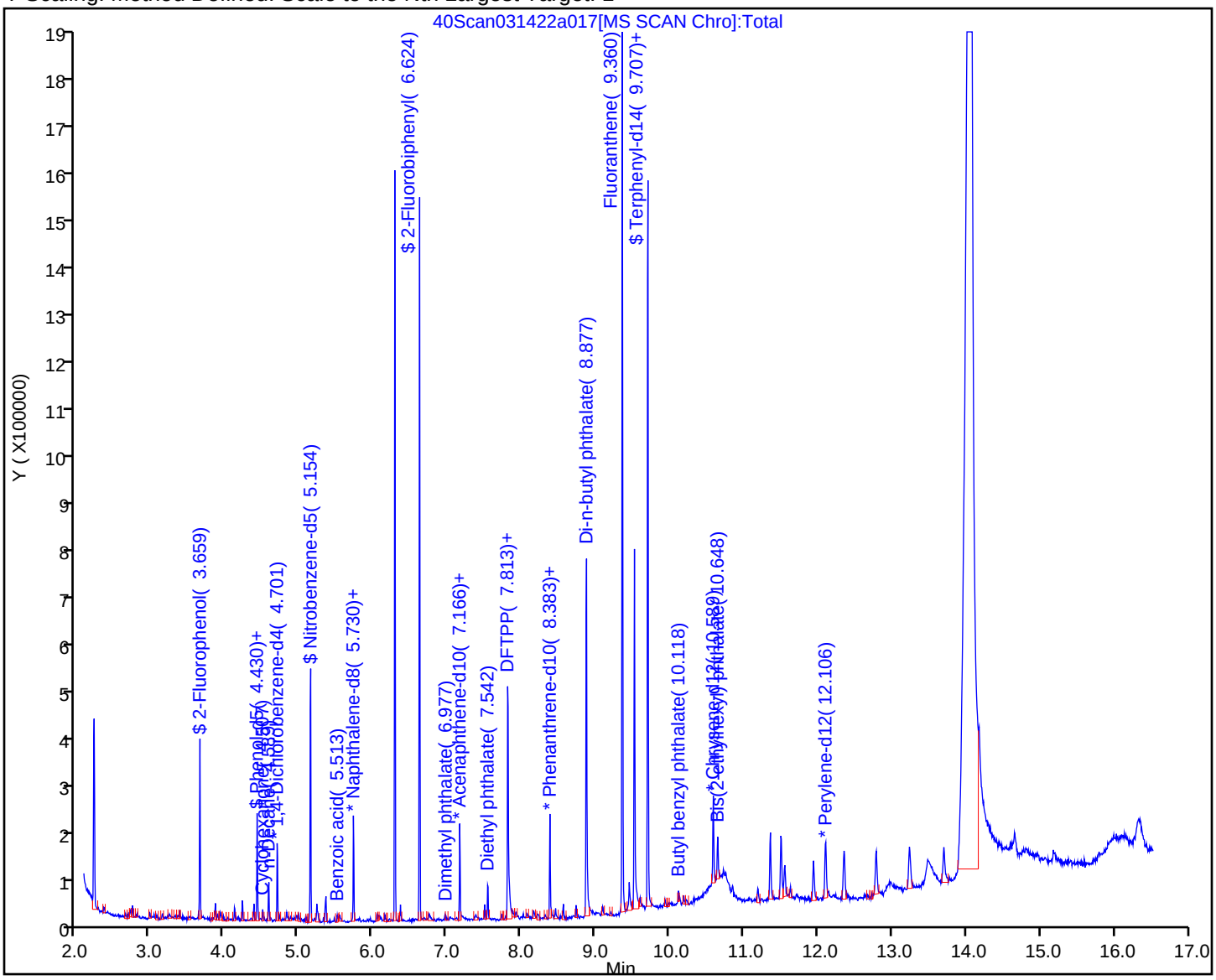
Client ID: ERH2670 (RHMW19)

Operator ID: tl ALS Bottle#: 13 Worklist Smp#: 13

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Seattle
Recovery Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a017.D
Lims ID: 580-111087-B-2-A
Client ID: ERH2670 (RHMW19)
Sample Type: Client
Inject. Date: 14-Mar-2022 17:05:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 580-111087-B-2-A
Operator ID: tl Instrument ID: TAC040

Method: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 15-Mar-2022 10:41:34 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: thaneeratw Date: 15-Mar-2022 10:41:34

Compound	Amount Added	Amount Recovered	% Rec.
$ 7 2-Fluorophenol	1000.0	471.8	47.18
$ 8 Phenol-d5	1000.0	294.4	29.44
$ 9 Nitrobenzene-d5	1000.0	710.8	71.08
$ 10 2-Fluorobiphenyl	1000.0	791.8	79.18
$ 11 2,4,6-Tribromophenol	1000.0	713.1	71.31
$ 12 Terphenyl-d14	1000.0	949.4	94.94

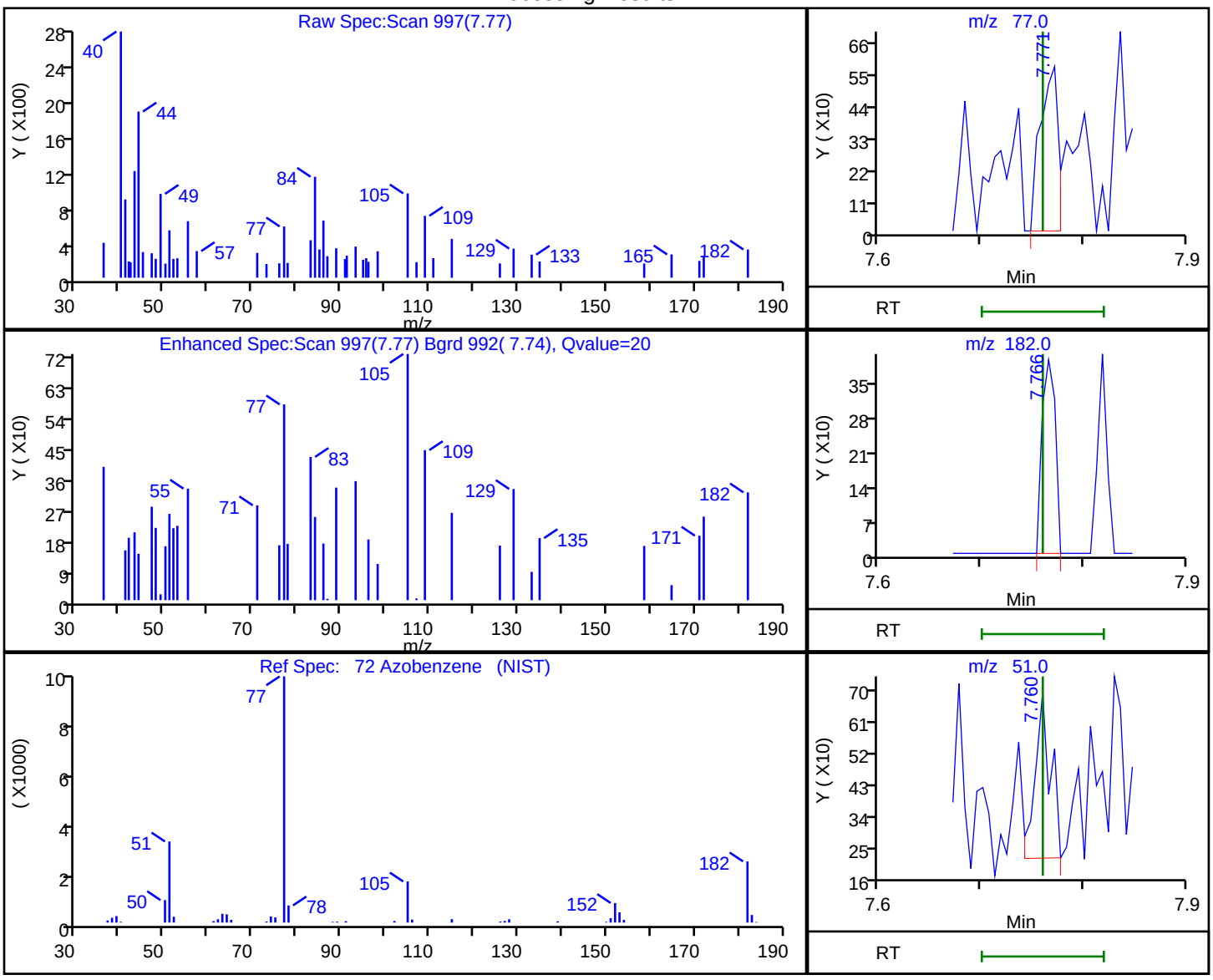
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a017.D				
Injection Date:	14-Mar-2022 17:05:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-2-A	Lab Sample ID:	580-111087-2		
Client ID:	ERH2670 (RHMW19)				
Operator ID:	tl	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

72 Azobenzene, CAS: 103-33-3

Processing Results



RT	Mass	Response	Amount
7.77	77.00	713	2.465747
7.77	182.00	358	
7.76	51.00	506	

Reviewer: thaneeratw, 15-Mar-2022 10:39:59

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Seattle

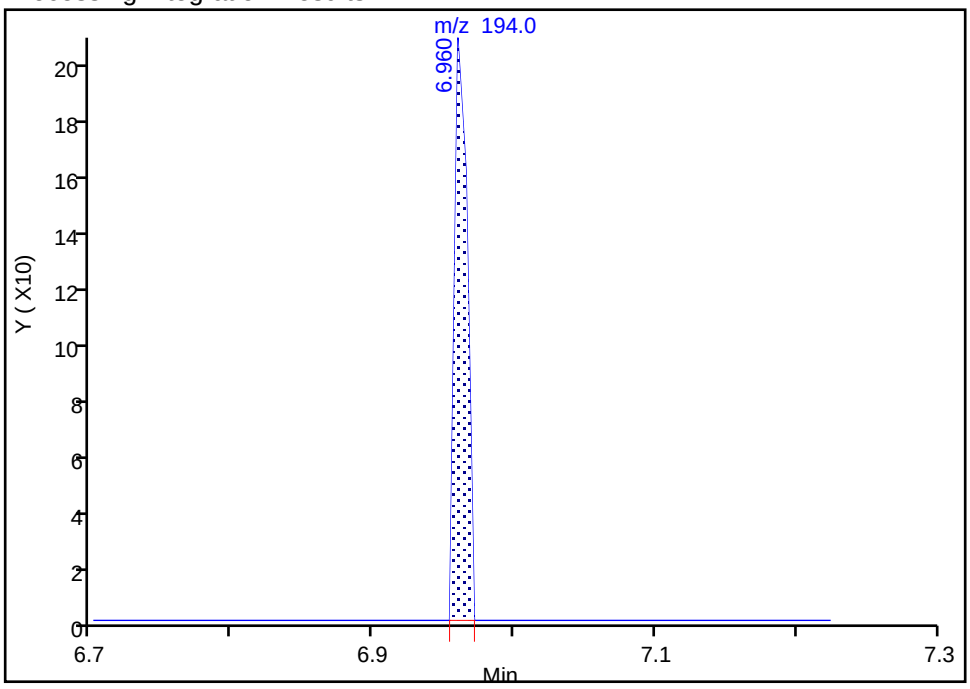
Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a017.D
Injection Date: 14-Mar-2022 17:05:30 Instrument ID: TAC040
Lims ID: 580-111087-B-2-A Lab Sample ID: 580-111087-2
Client ID: ERH2670 (RHMW19)
Operator ID: tl ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

55 Dimethyl phthalate, CAS: 131-11-3

Signal: 2

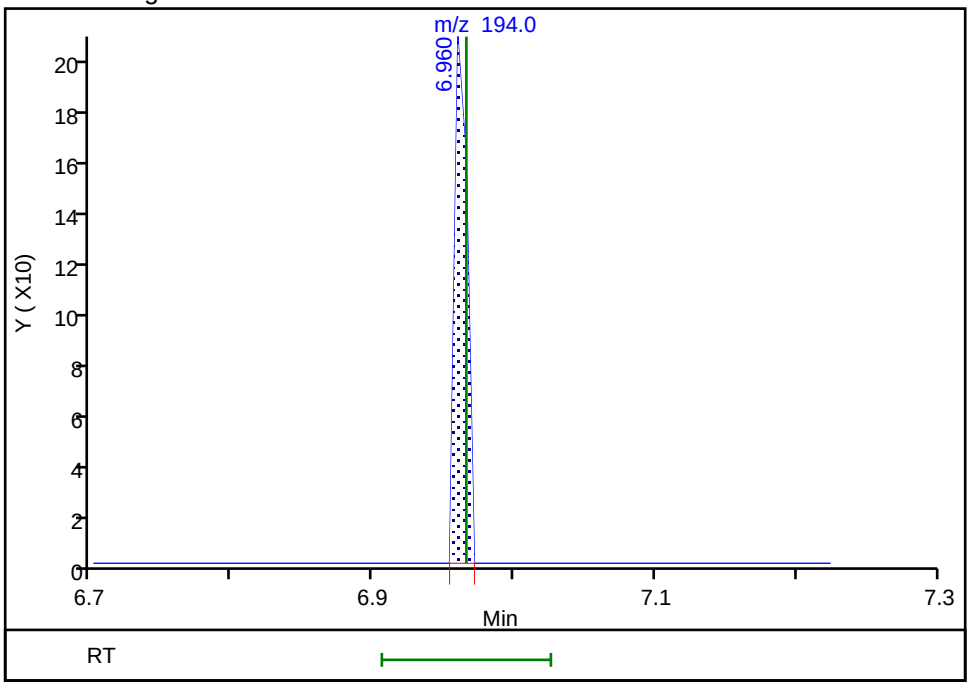
Processing Integration Results

RT: 6.96
Area: 127
Amount: 6.706360
Amount Units: ug/L



Manual Integration Results

RT: 6.96
Area: 127
Amount: 6.706360
Amount Units: ug/L



Reviewer: thaneeratw, 15-Mar-2022 10:39:39
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a017.D

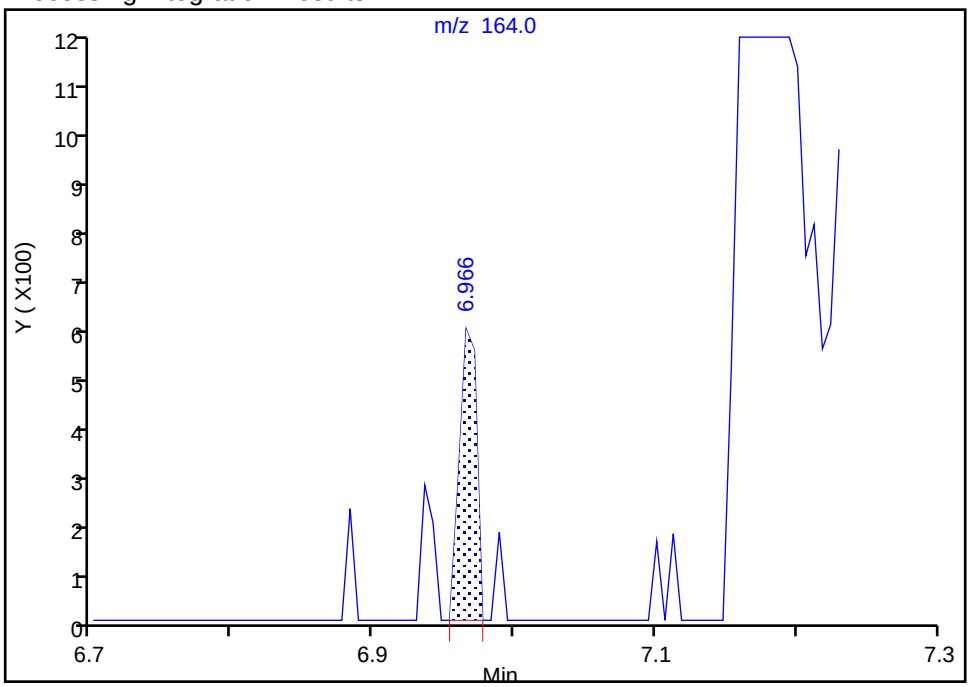
Injection Date:	14-Mar-2022 17:05:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-2-A	Lab Sample ID:	580-111087-2		
Client ID:	ERH2670 (RHMW19)				
Operator ID:	tl	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

55 Dimethyl phthalate, CAS: 131-11-3

Signal: 3

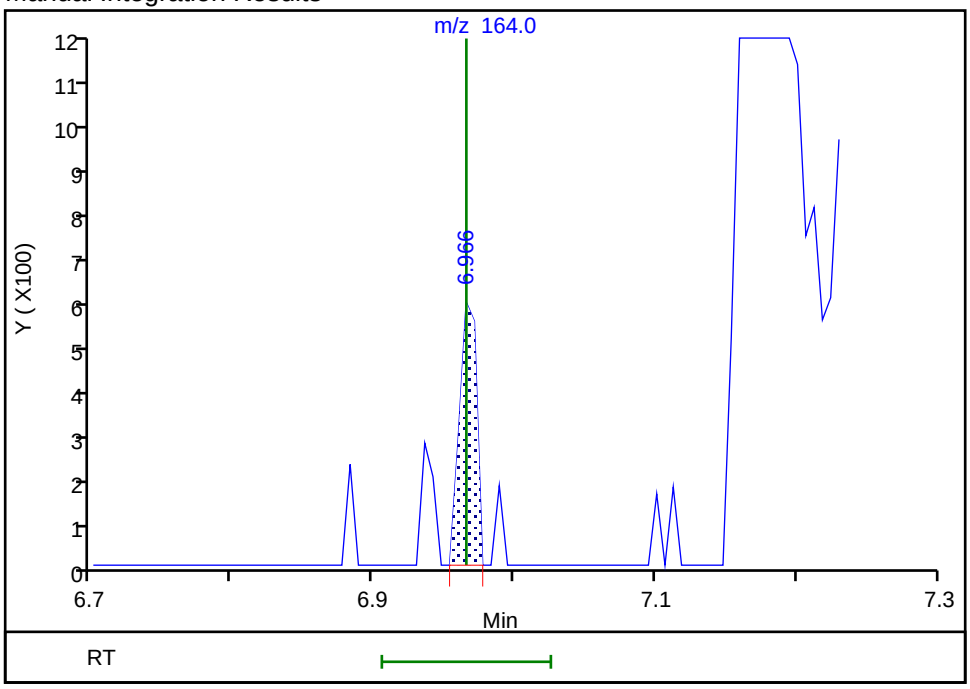
Processing Integration Results

RT: 6.97
Area: 480
Amount: 6.706360
Amount Units: ug/L



Manual Integration Results

RT: 6.97
Area: 480
Amount: 6.706360
Amount Units: ug/L



Reviewer: thaneeratw, 15-Mar-2022 10:39:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

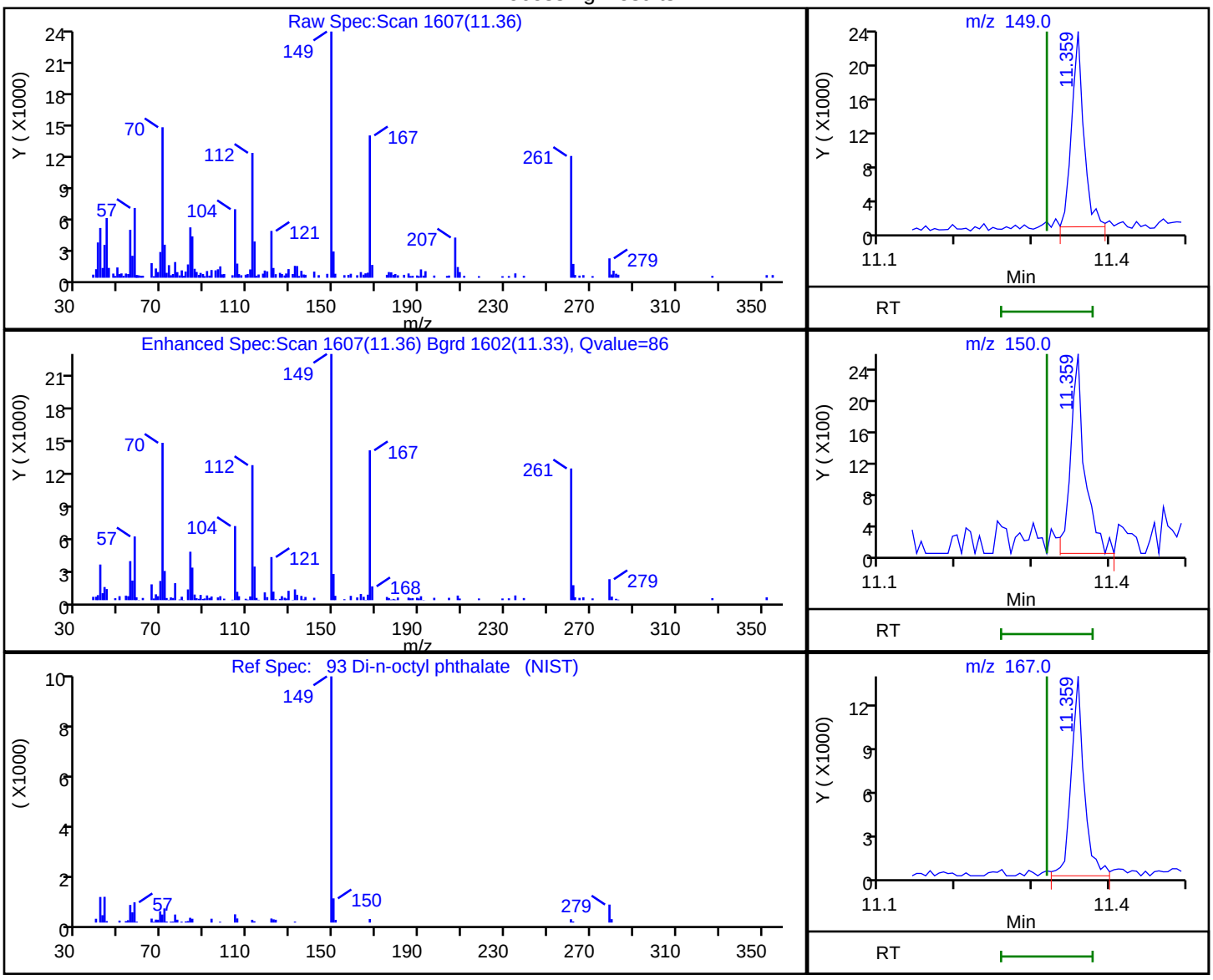
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a017.D				
Injection Date:	14-Mar-2022 17:05:30	Instrument ID:	TAC040		
Lims ID:	580-111087-B-2-A	Lab Sample ID:	580-111087-2		
Client ID:	ERH2670 (RHMW19)				
Operator ID:	tl	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

93 Di-n-octyl phthalate, CAS: 117-84-0

Processing Results



RT	Mass	Response	Amount
11.36	149.00	25288	51.432470
11.36	150.00	3280	
11.36	167.00	16278	

Reviewer: thaneeratw, 15-Mar-2022 10:40:57

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: ERH2670 (RHMW19) RA | Lab Sample ID: 580-111087-2 RA

Matrix: Water | Lab File ID: 31822A13.D

Analysis Method: 8270E | Date Collected: 03/04/2022 14:35

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 994.1(mL) | Date Analyzed: 03/18/2022 14:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 384307 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
51-28-5	2,4-Dinitrophenol	3.2	U	5.0	3.2	1.6
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	2.0	1.2	0.55
100-02-7	4-Nitrophenol	6.0	U	10	6.0	1.7
117-81-7	Bis(2-ethylhexyl) phthalate	1.6	U	3.0	1.6	0.74

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A13.D
Lims ID: 580-111087-B-2-A
Client ID: ERH2670 (RHMW19)
Sample Type: Client
Inject. Date: 18-Mar-2022 14:06:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 580-111087-b-2-a
Operator ID: TL Instrument ID: TAC051

Method: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 18-Mar-2022 20:34:01 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1663

First Level Reviewer: boylea Date: 18-Mar-2022 20:28:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.456	4.454	0.002	86	35693	100.0	
* 2 Naphthalene-d8	136	5.466	5.469	-0.003	97	115797	100.0	
* 3 Acenaphthene-d10	164	6.898	6.895	0.003	81	63705	100.0	
* 4 Phenanthrene-d10	188	8.110	8.108	0.002	91	112572	100.0	
* 5 Chrysene-d12	240	10.311	10.309	0.002	90	82555	100.0	
* 6 Perylene-d12	264	11.834	11.831	0.003	89	99616	100.0	
$ 7 2-Fluorophenol	112	3.479	3.474	0.008	81	144977	440.1	
$ 8 Phenol-d5	99	4.226	4.228	0.002	98	89484	242.2	
$ 9 Nitrobenzene-d5	82	4.894	4.896	-0.003	88	224642	815.0	
$ 10 2-methylnaphthalene-d10	152	6.021	6.017	0.002	0	507329	NC	
$ 11 2-Fluorobiphenyl	172	6.353	6.354	-0.003	99	631712	745.8	
$ 12 2,4,6-Tribromophenol	330	7.555	7.550	0.008	68	113047	752.2	
$ 13 Fluoranthene-d10 (Surr)	212	9.088	9.090	0.003	0	1000874	NC	
$ 14 Terphenyl-d14	244	9.430	9.437	-0.003	96	868788	1030.4	
15 1,4-Dioxane	88	2.335	2.330	0.007	1	848	NC	
19 Phenol	94	4.232	4.233	0.003	1	623	1.74	
22 n-Decane	57	4.333	4.335	0.002	79	22627	80.3	
26 Benzyl alcohol	79	4.595	4.586	0.013	11	762	10.8	
30 Acetophenone	105	4.777	4.784	-0.003	30	1924	4.26	
46 4-Chloro-3-methylphenol	107	6.021	5.975	0.045	27	1105	41.8	
24 Cyclohexanone	55	6.518	6.501	0.022	1	1268	NC	
57 Dimethyl phthalate	163	6.700	6.696	0.003	39	4119	2.05	
59 2,6-Dinitrotoluene	165	6.727	6.744	-0.019	1	687	36.8	
61 3-Nitroaniline	138	6.898	6.888	0.008	0	456	75.6	
68 Diethyl phthalate	149	7.277	7.273	0.003	90	54506	66.0	
74 Azobenzene	77	7.496	7.486	0.013	9	2127	7.23	
79 n-Octadecane	57	8.051	8.053	0.002	9	1259	5.13	
81 Anthracene	178	8.180	8.176	0.008	1	1286	8.43	
84 Di-n-butyl phthalate	149	8.612	8.619	-0.003	40	20884	10.7	
94 Butyl benzyl phthalate	149	9.846	9.848	0.002	56	15205	32.9	
97 Benzo[a]anthracene	228	10.338	10.302	0.040	1	1573	8.55	
98 Bis(2-ethylhexyl) phthalate	149	10.359	10.366	-0.003	85	69852	92.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
100 Di-n-octyl phthalate	149	11.059	11.023	0.040	76	52926	40.1	
101 Benzo[b]fluoranthene	252	11.406	11.397	0.013	1	699	2.95	
86 2,3-Dichlorobenzenamine	161	11.412	11.413	-0.004	1	181	NC	
87 2,4'-DDD	235	11.513	11.457	0.060	1	554	NC	
104 Benzo[a]pyrene	252	11.759	11.771	-0.008	1	525	5.33	
91 Nonylphenol	135	11.844	11.854	-0.004	0	953	NC	
92 2,4'-DDT	235	11.951	11.869	0.087	1	527	NC	
106 Dibenz(a,h)anthracene	278	13.175	13.171	0.008	1	425	14.3	
107 Benzo[g,h,i]perylene	276	13.500	13.465	0.039	1	555	4.20	
124 DFTPP								

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

8270SIM_IS_00069 Amount Added: 10.00 Units: uL Run Reagent

Report Date: 18-Mar-2022 20:34:20 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A13.D

Injection Date: 18-Mar-2022 14:06:30 Instrument ID: TAC051

Lims ID: 580-111087-B-2-A Lab Sample ID: 580-111087-2

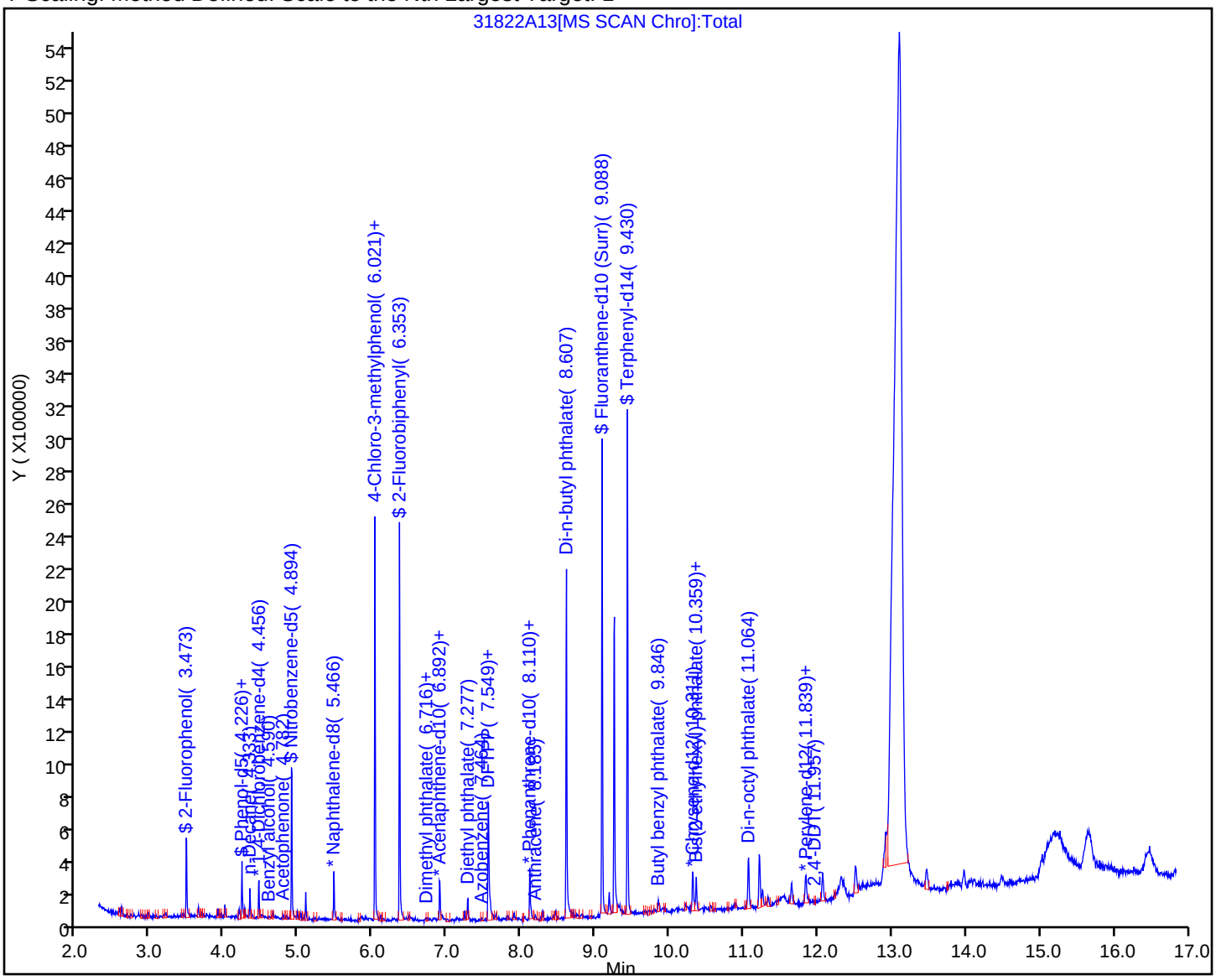
Client ID: ERH2670 (RHMW19)

Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Seattle
Recovery Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A13.D
Lims ID: 580-111087-B-2-A
Client ID: ERH2670 (RHMW19)
Sample Type: Client
Inject. Date: 18-Mar-2022 14:06:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 580-111087-b-2-a
Operator ID: TL Instrument ID: TAC051

Method: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 18-Mar-2022 20:34:01 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1663

First Level Reviewer: boylea Date: 18-Mar-2022 20:28:03

Compound	Amount Added	Amount Recovered	% Rec.
$ 7 2-Fluorophenol	1000.0	440.1	44.01
$ 8 Phenol-d5	1000.0	242.2	24.22
$ 9 Nitrobenzene-d5	1000.0	815.0	81.50
$ 11 2-Fluorobiphenyl	1000.0	745.8	74.58
$ 12 2,4,6-Tribromophenol	1000.0	752.2	75.22
$ 14 Terphenyl-d14	1000.0	1030.4	103.04

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 382822

SDG No.:

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2022 17:30 Calibration End Date: 03/03/2022 20:58 Calibration ID: 32160

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-382822/13	40Scan030322a016.D
Level 2	STD2 580-382822/12	40Scan030322a015.D
Level 3	STD3 580-382822/11	40Scan030322a014.D
Level 4	STD4 580-382822/10	40Scan030322a013.D
Level 5	STD5 580-382822/9	40Scan030322a012.D
Level 6	STD6 580-382822/8	40Scan030322a011.D
Level 7	STD7IS 580-382822/7	40Scan030322a010.D
Level 8	STD8 580-382822/6	40Scan030322a009.D
Level 9	STD9 580-382822/5	40Scan030322a008.D
Level 10	STD10 580-382822/4	40Scan030322a007.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
N-Nitrosodimethylamine	0.2712 0.3248	0.3120 0.3093	0.2914 0.3182	0.3039 0.3255	0.2962 0.3262	Ave		0.3079			0.0100	5.8		15.0			
Pyridine	0.5745 0.6026	0.5252 0.5945	0.4102 0.6027	0.5899 0.6298	0.5825 0.6349	Ave		0.5747			0.0100	11.4		15.0			
Phenol	+++++ 0.9606	+++++ 0.9038	+++++ 0.9304	0.9748 0.9630	0.9094 0.9862	Ave		0.9469			0.8000	3.4		15.0			
Aniline	0.6331 1.0685	0.8322 1.0317	0.6896 1.0452	1.0485 1.1433	0.9335 1.1373	Qua2	-3.845	0.9948	0.0000180		0.0100	10.3			0.9910		0.9900
Bis(2-chloroethyl)ether	0.8294 0.7492	0.6681 0.6989	0.6016 0.7255	0.7808 0.7290	0.7656 0.7215	Ave		0.7270			0.7000	8.6		15.0			
2-Chlorophenol	1.0736 1.2170	1.0384 1.1483	1.0309 1.1924	1.2208 1.2497	1.1897 1.2188	Ave		1.1580			0.8000	7.0		15.0			
n-Decane	0.5968 0.4941	0.5705 0.4572	0.4516 0.4647	0.5359 0.4899	0.4974 0.4763	Lin1	1.3455	0.4780			0.0100	6.1			1.0000		0.9900
1,3-Dichlorobenzene	1.5853 1.4183	1.4310 1.3414	1.1746 1.3712	1.5220 1.4224	1.3760 1.4018	Lin1	0.1766	1.4011			0.0100	8.0			1.0000		0.9900
1,4-Dichlorobenzene	1.6528 1.4283	1.5144 1.3439	1.2094 1.3885	1.6264 1.4494	1.3937 1.4013	Lin1	1.6123	1.4104			0.0100	8.3			0.9990		0.9900
Benzyl alcohol	0.4201 0.4895	0.6059 0.4745	0.3945 0.4968	0.4889 0.5177	0.4515 0.5104	Ave		0.4850			0.0100	11.9		15.0			
1,2-Dichlorobenzene	1.5058 1.3795	1.2461 1.2978	1.1728 1.3289	1.4666 1.3840	1.3520 1.3389	Lin1	-0.098	1.3491			0.0100	7.7			1.0000		0.9900
o-Cresol	+++++ 0.8390	+++++ 0.8053	+++++ 0.8254	0.8526 0.8447	0.7935 0.8121	Ave		0.8247			0.7000	2.7		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 382822

SDG No.:

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2022 17:30 Calibration End Date: 03/03/2022 20:58 Calibration ID: 32160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
bis (2-chloroisopropyl) ether	0.7196 0.7085	0.7621 0.6804	0.6140 0.6543	0.7303 0.6793	0.6951 0.6604	Lin1	1.2285	0.6672			0.0100	6.9			1.0000		0.9900
Acetophenone	1.2909 1.2026	1.2930 1.1576	1.0523 1.1857	1.2842 1.2096	1.1673 1.1991	Ave		1.2042			0.0100	6.1		15.0			
m+p-Cresol	0.8587 0.8441	0.7068 0.8149	0.6687 0.8416	0.9167 0.8479	0.8000 0.8551	Ave		0.8154			0.6000	9.1		15.0			
N-Nitrosodi-n-propylamine	0.2605 0.3640	0.3172 0.3367	0.2946 0.3541	0.3603 0.3612	0.3111 0.3532	Ave		0.3313		*	0.5000	10.5		15.0			
Hexachloroethane	0.5238 0.5909	0.6079 0.5596	0.5817 0.5775	0.6404 0.5922	0.5660 0.5904	Lin1	-0.263	0.5880			0.3000	5.0			1.0000		0.9900
Nitrobenzene	0.6168 0.6173	0.6092 0.5843	0.5353 0.5970	0.6192 0.6254	0.5725 0.6249	Ave		0.6002			0.2000	4.8		15.0			
Isophorone	1.0899 1.1089	0.9941 1.0863	0.9322 1.1550	1.1384 1.1805	1.0376 1.1745	Lin1	-4.107	1.1673			0.4000	12.0			0.9990		0.9900
2-Nitrophenol	0.4228 0.6497	0.5234 0.6254	0.4866 0.6396	0.6569 0.6752	0.5912 0.6743	Ave		0.5945			0.1000	14.7		15.0			
2,4-Dimethylphenol	+++++ 0.2407	+++++ 0.2436	0.2219 0.2422	0.2541 0.2590	0.2530 0.2388	Lin2	-0.898	0.2485			0.2000	4.2			0.9980		0.9900
Benzoic acid	+++++ 0.4452	+++++ 0.5152	+++++ 0.6402	0.2087 0.7206	0.3060 0.7599	Qua2	-75.13	0.5469	0.0000126		0.0100	9.4			0.9920		0.9900
Bis(2-chloroethoxy)methane	1.0774 0.9332	0.8040 0.8722	0.7889 0.9118	0.9473 0.9183	0.8907 0.8985	Ave		0.9042			0.3000	8.8		15.0			
2,4-Dichlorophenol	0.2351 0.2747	0.2356 0.2651	0.2396 0.2760	0.2668 0.2942	0.2829 0.2755	Lin2	-0.501	0.2740			0.2000	5.0			0.9970		0.9900
1,2,4-Trichlorobenzene	0.3648 0.3335	0.3278 0.3207	0.3111 0.3205	0.3484 0.3429	0.3512 0.3174	Ave		0.3338			0.0100	5.2		15.0			
Naphthalene	0.9745 0.9197	0.9256 0.8711	0.8110 0.8733	0.9840 0.9124	0.9742 +++++	Ave		0.9162			0.7000	6.3		15.0			
4-Chloroaniline	+++++ 0.3173	+++++ 0.3360	0.1758 0.3579	0.3020 0.4001	0.3228 0.3510	Lin2	-8.813	0.3631			0.0100	6.8			0.9950		0.9900
2,6-Dichlorophenol	0.5299 0.5217	0.4450 0.5157	0.4850 0.5403	0.5048 0.5420	0.5004 0.5401	Ave		0.5125			0.0100	5.9		15.0			
Hexachlorobutadiene	0.2401 0.1956	0.1719 0.1929	0.1890 0.1904	0.2140 0.2082	0.2134 0.1972	Lin2	0.2464	0.1966			0.0100	9.1			0.9910		0.9900
4-Chloro-3-methylphenol	0.3195 0.3566	0.2811 0.3651	0.2819 0.3855	0.3285 0.3887	0.3159 0.3876	Ave		0.3410			0.2000	12.2		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 382822

SDG No.:

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2022 17:30 Calibration End Date: 03/03/2022 20:58 Calibration ID: 32160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
2-Methylnaphthalene	0.5729 0.5941	0.5344 0.5710	0.5360 0.5698	0.6011 0.5982	0.6060 0.5530	Ave		0.5737			0.4000	4.6		15.0			
1-Methylnaphthalene	0.5429 0.5683	0.5374 0.5484	0.5350 0.5526	0.6191 0.5839	0.6035 0.5357	Ave		0.5627			0.0100	5.4		15.0			
Hexachlorocyclopentadiene	0.4026 0.4378	0.3592 0.4421	0.3472 0.4703	0.4659 0.4918	0.4086 0.5051	Qua1	-1.752	0.4565	0.0000051		0.0500	12.7			1.0000		0.9900
1,2,4,5-Tetrachlorobenzene	0.6743 0.6486	0.6177 0.6379	0.6093 0.6654	0.6765 0.6583	0.6516 0.6628	Ave		0.6502				3.5		15.0			
2,4,6-Trichlorophenol	+++++ 0.3767	0.2531 0.3813	0.2694 0.4014	0.3400 0.4344	0.3501 0.4295	Lin2	-3.375	0.3929			0.2000	8.8			0.9920		0.9900
2,4,5-Trichlorophenol	+++++ 0.4018	0.2015 0.4083	0.2336 0.4429	0.3327 0.4482	0.3321 0.4553	Qua2	-4.285	0.3852	0.0000090		0.2000	10.1			0.9910		0.9900
1,1'-Biphenyl	1.4642 1.3467	1.2731 1.3380	1.2949 1.3819	1.3859 1.3327	1.3591 1.2903	Ave		1.3467			0.0100	4.2		15.0			
2-Chloronaphthalene	1.0716 1.1418	1.0488 1.1258	1.0763 1.1586	1.2010 1.1453	1.1086 1.1051	Ave		1.1183			0.8000	4.1		15.0			
2-Nitroaniline	+++++ 0.3373	0.1705 0.3524	0.2392 0.3787	0.2733 0.3867	0.2986 0.3918	Lin2	-4.197	0.3557			0.0100	9.3			0.9910		0.9900
Dimethyl phthalate	1.3457 1.1859	1.2227 1.1825	1.1208 1.2290	1.2467 1.1929	1.1856 1.1857	Lin2	1.3362	1.1845			0.0100	3.6			0.9990		0.9900
1,3-Dinitrobenzene	+++++ 0.2927	+++++ 0.3087	0.1771 0.3352	0.2375 0.3591	0.2350 0.3681	Qua2	-6.751	0.3036	0.0000078			6.5			0.9960		0.9900
2,6-Dinitrotoluene	+++++ 0.2674	+++++ 0.2707	+++++ 0.2814	0.2324 0.2860	0.2457 0.2906	Lin2	-5.621	0.2829			0.2000	2.6			0.9990		0.9900
Acenaphthylene	1.6486 1.6214	1.4748 1.6472	1.4650 1.7158	1.7248 1.7005	1.6402 1.5342	Ave		1.6173			0.9000	5.9		15.0			
3-Nitroaniline	+++++ 0.2380	+++++ 0.2531	0.0109 0.2808	0.1941 0.2864	0.1895 0.2977	Lin2	-12.94	0.2816			0.0100	8.7			0.9910		0.9900
Acenaphthene	1.1200 1.1025	1.0143 1.0989	1.0251 1.1518	1.1999 1.1250	1.1094 1.1006	Ave		1.1047			0.9000	4.9		15.0			
2,4-Dinitrophenol	+++++ 0.1234	+++++ 0.1506	+++++ 0.1789	0.0554 0.1942	0.0710 0.2046	Qua1	-33.66	0.1766	0.0000016		0.0100	16.2			0.9990		0.9900
4-Nitrophenol	+++++ 0.0947	+++++ 0.1169	0.0340 0.1277	0.0533 0.1317	0.0676 0.1331	Qua1	-13.47	0.1254	0.0000005		0.0100	18.9			0.9980		0.9900
2,4-Dinitrotoluene	+++++ 0.3246	+++++ 0.3428	0.2097 0.3643	0.2630 0.3711	0.2771 0.3760	Lin2	-8.093	0.3553			0.2000	6.3			0.9950		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 382822

SDG No.:

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2022 17:30 Calibration End Date: 03/03/2022 20:58 Calibration ID: 32160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Dibenzofuran	1.3674 1.4867	1.3312 1.5009	1.4007 1.5597	1.6243 1.5294	1.5159 1.4254	Ave		1.4741			0.8000	6.2		15.0			
2,3,5,6-Tetrachlorophenol	+++++ 0.3095	0.1399 0.3270	0.1956 0.3538	0.2596 0.3670	0.2730 0.3861	Qua2	-3.721	0.3074	0.0000093		0.0100	7.6			0.9950		0.9900
2,3,4,6-Tetrachlorophenol	+++++ 0.3284	0.1652 0.3501	0.2028 0.3803	0.3071 0.3919	0.3017 0.4064	Qua2	-3.814	0.3344	0.0000087		0.0100	8.6			0.9940		0.9900
Diethyl phthalate	+++++ 1.2244	+++++ 1.2255	+++++ 1.2797	1.2780 1.2558	1.2269 1.2566	Ave		1.2495			0.0100	1.9		15.0			
Fluorene	1.1286 1.1881	1.0183 1.1934	1.1445 1.2557	1.1952 1.2384	1.1589 1.1914	Ave		1.1712			0.9000	5.7		15.0			
4-Chlorophenyl phenyl ether	0.6387 0.5377	0.5082 0.5516	0.4875 0.5816	0.5946 0.5889	0.5586 0.5853	Ave		0.5633			0.4000	7.9		15.0			
4-Nitroaniline	+++++ 0.1624	0.1264 0.1894	0.1329 0.1544	0.1521 0.1596	0.1844 +++++	Ave		0.1577			0.0100	13.9		15.0			
4,6-Dinitro-2-methylphenol	+++++ 0.1027	+++++ 0.1088	0.0336 0.1177	0.0607 0.1378	0.0789 0.1380	Qua2	-8.053	0.1081	0.0000019		0.0100	7.1			0.9950		0.9900
N-Nitrosodiphenylamine	0.4445 0.4940	0.3847 0.4593	0.4337 0.4851	0.5217 0.5178	0.5085 0.5094	Ave		0.4759			0.0100	9.3		15.0			
Azobenzene	0.4445 0.4296	0.3896 0.3954	0.3888 0.3966	0.4353 0.4200	0.4286 0.4101	Ave		0.4138			0.0100	4.9		15.0			
4-Bromophenyl phenyl ether	0.2464 0.2300	0.2356 0.2144	0.2022 0.2200	0.2338 0.2521	0.2277 0.2566	Ave		0.2319			0.1000	7.3		15.0			
Hexachlorobenzene	0.3423 0.3243	0.3338 0.3131	0.3042 0.3139	0.3517 0.3556	0.3201 0.3609	Lin2	0.0705	0.3307			0.1000	6.3			0.9960		0.9900
Atrazine	0.1991 0.2853	0.2650 0.2871	0.2209 0.3057	0.2573 0.3106	0.2630 0.3078	Lin2	-0.892	0.2870			0.0100	8.7			0.9920		0.9900
Pentachlorophenol	+++++ 0.1609	+++++ 0.1643	0.0694 0.1856	0.1083 0.2147	0.1362 0.2227	Qua2	-10.49	0.1682	0.0000032		0.0500	5.0			0.9970		0.9900
n-Octadecane	0.1782 0.1613	0.1819 0.1515	0.1532 0.1555	0.1680 0.1652	0.1606 0.1569	Ave		0.1632			0.0100	6.3		15.0			
Phenanthrene	1.0363 1.0499	0.9952 0.9779	0.9259 1.0073	1.1125 1.0861	1.0724 1.0001	Ave		1.0264			0.7000	5.5		15.0			
Anthracene	1.0111 1.0156	0.9199 0.9657	0.8793 0.9951	1.0630 1.0800	1.0116 0.9245	Lin2	-0.221	0.9908			0.7000	6.8			0.9950		0.9900
Carbazole	+++++ 0.7985	0.6012 0.6876	0.6064 0.6148	0.8132 0.6132	0.8258 0.6390	Ave		0.6888			0.0100	14.0		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 382822

SDG No.:

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2022 17:30 Calibration End Date: 03/03/2022 20:58 Calibration ID: 32160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Di-n-butyl phthalate	1.1000 1.3066	1.1228 1.2778	1.1105 1.2896	1.2734 1.3942	1.2695 1.0947	Lin2	-1.978	1.2613			0.0100	7.2			0.9940		0.9900
Fluoranthene	0.8836 1.0784	0.8716 1.0313	0.9153 1.0578	1.0739 1.1789	1.0922 1.0298	Ave		1.0213			0.6000	9.8		15.0			
Benzidine	+++++ 0.2073	0.1132 0.2159	0.1307 0.2540	0.1625 0.3205	0.1624 0.3518	Qua2	-3.855	0.1942	0.0000090		0.0100	10.5			0.9900		0.9900
Pyrene	0.7901 1.0975	1.0183 1.0705	0.9182 1.0983	1.1118 1.2251	1.1174 1.0704	Ave		1.0518			0.6000	11.4		15.0			
Butyl benzyl phthalate	0.5237 0.6168	0.4702 0.6255	0.5014 0.6417	0.5946 0.6587	0.5876 0.6229	Ave		0.5843			0.0100	10.9		15.0			
3,3'-Dichlorobenzidine	0.2495 0.3686	0.2378 0.3601	0.2792 0.3700	0.3432 0.4176	0.3723 0.4224	Qua2	-2.640	0.3508	0.0000043		0.0100	8.8			0.9930		0.9900
Benzo[a]anthracene	1.0661 1.1343	0.9268 1.1542	0.9270 1.1447	1.1994 1.2383	1.1442 1.1678	Lin2	-1.696	1.1423			0.8000	8.4			0.9920		0.9900
Chrysene	1.0661 1.1952	1.2589 1.1409	1.2167 1.1064	1.4139 1.1562	1.2716 1.1007	Lin2	-0.672	1.2053			0.7000	8.9			0.9910		0.9900
Bis(2-ethylhexyl) phthalate	0.7494 0.8603	0.7652 0.8759	0.6199 0.8807	0.8099 0.9402	0.8044 0.8862	Ave		0.8192			0.0100	11.2		15.0			
Di-n-octyl phthalate	+++++ 1.2897	+++++ 1.3618	0.8115 1.4070	1.0494 1.5634	1.1072 1.4576	Lin2	-33.23	1.4171			0.0100	6.8			0.9950		0.9900
Benzo[b]fluoranthene	1.1262 1.1197	0.8629 1.1036	0.9531 1.1568	1.1417 1.2624	1.2020 1.2124	Ave		1.1141			0.7000	10.8		15.0			
Benzofluoranthene	1.1165 1.1559	1.0205 1.1487	0.9585 1.1398	1.1883 1.2242	1.1936 1.1990	Ave		1.1345				7.4		15.0			
Benzo[k]fluoranthene	1.2419 1.2092	1.1816 1.2366	0.8469 1.1793	1.2586 1.2627	1.1922 1.2911	Ave		1.1900			0.7000	10.6		15.0			
Benzo[a]pyrene	0.8028 0.9849	0.8042 0.9954	0.7852 0.9971	0.9649 1.0959	0.9993 1.0701	Lin2	-2.613	0.9993			0.7000	7.9			0.9930		0.9900
Indeno[1,2,3-cd]pyrene	0.8287 1.0054	0.7327 1.0481	0.7650 1.0163	0.9499 1.1785	0.9834 1.1699	Qua2	-2.155	0.9584	0.0000265		0.5000	9.4			0.9920		0.9900
Dibenz(a,h)anthracene	0.8792 1.0688	0.8718 1.0684	0.9066 1.0557	0.9684 1.2360	1.0347 1.2559	Lin2	-2.823	1.0878			0.4000	9.7			0.9900		0.9900
Benzo[g,h,i]perylene	1.1411 1.2283	1.1601 1.2139	1.0025 1.2078	1.2307 1.3392	1.2127 1.3301	Ave		1.2066			0.5000	7.9		15.0			
2-Fluorophenol (Surr)	1.0667 0.9763	0.8377 0.9287	0.7823 0.9683	0.9978 0.9919	0.8915 0.9906	Ave		0.9432				9.0		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 382822

SDG No.:

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2022 17:30 Calibration End Date: 03/03/2022 20:58 Calibration ID: 32160

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Phenol-d5 (Surr)	1.0467 1.0317	0.9584 1.0023	0.8591 1.0209	0.9747 1.0540	0.9483 1.0531	Ave		0.9949				6.2		15.0			
Nitrobenzene-d5 (Surr)	0.1916 0.1906	0.1808 0.1885	0.1789 0.1934	0.1956 0.2046	0.2084 0.1886	Ave		0.1921				4.8		15.0			
2-Fluorobiphenyl	1.2699 1.2679	1.2631 1.2534	1.2253 1.3195	1.3507 1.2948	1.2791 1.2495	Ave		1.2773				2.8		15.0			
2,4,6-Tribromophenol (Surr)	0.0949 0.1812	0.1524 0.1748	0.1135 0.1872	0.1465 0.2193	0.1758 0.2309	Qua1	-1.372	0.1843	0.0000049		0.0100	16.4			0.9990		0.9900
Terphenyl-d14	+++++ 0.6936	0.5083 0.6802	0.5710 0.7236	0.6802 0.8225	0.6707 0.8014	Lin2	-5.121	0.7340				7.6			0.9940		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Seattle | Job No.: 580-111087-1 | Analy Batch No.: 382822

SDG No.:

Instrument ID: TAC040 | GC Column: ZB-SV | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2022 17:30 | Calibration End Date: 03/03/2022 20:58 | Calibration ID: 32160

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-382822/13	40Scan030322a016.D
Level 2	STD2 580-382822/12	40Scan030322a015.D
Level 3	STD3 580-382822/11	40Scan030322a014.D
Level 4	STD4 580-382822/10	40Scan030322a013.D
Level 5	STD5 580-382822/9	40Scan030322a012.D
Level 6	STD6 580-382822/8	40Scan030322a011.D
Level 7	STD7IS 580-382822/7	40Scan030322a010.D
Level 8	STD8 580-382822/6	40Scan030322a009.D
Level 9	STD9 580-382822/5	40Scan030322a008.D
Level 10	STD10 580-382822/4	40Scan030322a007.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
N-Nitrosodimethylamine	DCBd 4	Ave	583	1451	3805	7274	14607	10.0	20.0	50.0	100	200
			39020	79398	148207	393996	775837	500	1000	2000	5000	10000
Pyridine	DCBd 4	Ave	2470	4885	10713	28242	57461	20.0	40.0	100	200	400
			144789	305212	561392	1524673	3019845	1000	2000	4000	10000	20000
Phenol	DCBd 4	Ave	+++++	+++++	+++++	23334	44855	+++++	+++++	+++++	100	200
			115405	231983	433293	1165725	2345493	500	1000	2000	5000	10000
Aniline	DCBd 4	Qua2	1361	3870	9005	25100	46041	10.0	20.0	50.0	100	200
			128365	264809	486741	1383962	2704821	500	1000	2000	5000	10000
Bis(2-chloroethyl)ether	DCBd 4	Ave	1783	3107	7856	18691	37759	10.0	20.0	50.0	100	200
			90004	179404	337875	882411	1716046	500	1000	2000	5000	10000
2-Chlorophenol	DCBd 4	Ave	2308	4829	13462	29224	58679	10.0	20.0	50.0	100	200
			146212	294753	555318	1512759	2898655	500	1000	2000	5000	10000
n-Decane	DCBd 4	Lin1	1283	2653	5898	12829	24533	10.0	20.0	50.0	100	200
			59361	117355	216400	593027	1132709	500	1000	2000	5000	10000
1,3-Dichlorobenzene	DCBd 4	Lin1	3408	6655	15339	36433	67866	10.0	20.0	50.0	100	200
			170389	344301	638564	1721786	3333985	500	1000	2000	5000	10000

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 382822

SDG No.:

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2022 17:30 Calibration End Date: 03/03/2022 20:58 Calibration ID: 32160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
1,4-Dichlorobenzene	DCBd 4	Lin1	3553 171590	7043 344950	15793 646634	38932 1754537	68740 3332683	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Benzyl alcohol	DCBd 4	Ave	903 58811	2818 121784	5152 231377	11704 626697	22269 1213983	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
1,2-Dichlorobenzene	DCBd 4	Lin1	3237 165734	5795 333124	15316 618857	35108 1675310	66684 3184289	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
o-Cresol	DCBd 4	Ave	+++++ 100797	+++++ 206717	+++++ 384396	20409 1022494	39136 1931499	+++++ 500	+++++ 1000	+++++ 2000	100 5000	200 10000
bis (2-chloroisopropyl) ether	DCBd 4	Lin1	1547 85116	3544 174633	8018 304725	17481 822351	34283 1570578	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Acetophenone	DCBd 4	Ave	2775 144477	6013 297142	13742 552199	30741 1464254	57575 2851779	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
m+p-Cresol	DCBd 4	Ave	1846 101414	3287 209159	8732 391947	21943 1026340	39458 2033618	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
N-Nitrosodi-n-propylamine	DCBd 4	Ave	560 43727	1475 86431	3847 164900	8624 437202	15345 840086	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Hexachloroethane	DCBd 4	Lin1	1126 70995	2827 143644	7596 268929	15331 716878	27914 1404119	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Nitrobenzene	DCBd 4	Ave	1326 74161	2833 149978	6991 278033	14823 757057	28235 1486199	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Isophorone	DCBd 4	Lin1	2343 133227	4623 278836	12174 537887	27251 1428952	51177 2793422	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
2-Nitrophenol	DCBd 4	Ave	909 78057	2434 160529	6354 297862	15724 817382	29157 1603668	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 382822

SDG No.:

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2022 17:30 Calibration End Date: 03/03/2022 20:58 Calibration ID: 32160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
2,4-Dimethylphenol	NPT	Lin2	+++++ 102299	+++++ 219844	9676 406166	20868 1102951	40569 2116333	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
Benzoic acid	DCBd 4	Qua2	+++++ 106968	+++++ 264466	+++++ 596287	9993 1744475	30187 3614725	+++++ 1000	+++++ 2000	+++++ 4000	200 10000	400 20000
Bis(2-chloroethoxy)methane	DCBd 4	Ave	2316 112114	3739 223881	10302 424609	22676 1111614	43931 2137008	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
2,4-Dichlorophenol	NPT	Lin2	1837 116749	3809 239207	10444 462798	21911 1253004	45356 2442045	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
1,2,4-Trichlorobenzene	NPT	Ave	2850 141706	5298 289350	13564 537504	28615 1460102	56322 2813660	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Naphthalene	NPT	Ave	7614 390802	14961 785988	35359 1464520	80818 3885639	156214 +++++	10.0 500	20.0 1000	50.0 2000	100 5000	200 +++++
4-Chloroaniline	NPT	Lin2	+++++ 134833	+++++ 303148	7666 600218	24806 1704020	51754 3111638	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
2,6-Dichlorophenol	ANT	Ave	2103 117967	3657 240836	10642 456791	21953 1255707	44571 2442061	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Hexachlorobutadiene	NPT	Lin2	1876 83126	2778 174059	8241 319323	17575 886431	34224 1747556	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
4-Chloro-3-methylphenol	ANT	Ave	1268 80636	2310 170515	6186 325939	14285 900410	28139 1752586	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
2-Methylnaphthalene	NPT	Ave	4476 252475	8638 515238	23370 955586	49366 2547579	97177 4901679	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
1-Methylnaphthalene	NPT	Ave	4242 241491	8686 494860	23323 926752	50846 2486694	96763 4748325	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Hexachlorocyclopentadiene	ANT	Qua1	1598 98988	2952 206497	7619 397550	20260 1139402	36391 2283860	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
1,2,4,5-Tetrachlorobenzene	ANT	Ave	2676 146669	5077 297936	13369 562559	29420 1524939	58040 2996761	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
2,4,6-Trichlorophenol	ANT	Lin2	+++++ 85192	2080 178079	5912 339371	14787 1006391	31180 1942143	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
2,4,5-Trichlorophenol	ANT	Qua2	+++++ 90847	1656 190701	5126 374432	14468 1038393	29577 2058925	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
1,1'-Biphenyl	ANT	Ave	5811 304514	10463 624892	28414 1168258	60273 3087408	121057 5834478	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 382822

SDG No.:

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2022 17:30 Calibration End Date: 03/03/2022 20:58 Calibration ID: 32160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
2-Chloronaphthalene	ANT	Ave	4253 258183	8620 525800	23617 979448	52233 2653296	98741 4997066	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
2-Nitroaniline	ANT	Lin2	+++++ 76277	1401 164574	5249 320154	11884 895886	26593 1771550	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
Dimethyl phthalate	ANT	Lin2	5341 268156	10049 552255	24593 1038976	54219 2763428	105600 5361216	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
1,3-Dinitrobenzene	DCBd 4	Qua2	+++++ 35170	+++++ 79249	2313 156099	5686 434684	11593 875379	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
2,6-Dinitrotoluene	ANT	Lin2	+++++ 60475	+++++ 126448	+++++ 237855	10109 662673	21882 1314187	+++++ 500	+++++ 1000	+++++ 2000	100 5000	200 10000
Acenaphthylene	ANT	Ave	6543 366645	12121 769319	32146 1450575	75013 3939466	146090 6937267	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
3-Nitroaniline	ANT	Lin2	+++++ 53816	+++++ 118203	240 237379	8440 663599	16881 1346041	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
Acenaphthene	ANT	Ave	4445 249296	8336 513241	22493 973710	52184 2606123	98814 4976696	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
2,4-Dinitrophenol	ANT	Qua1	+++++ 55811	+++++ 140646	+++++ 302400	4815 899581	12646 1850322	+++++ 1000	+++++ 2000	+++++ 4000	200 10000	400 20000
4-Nitrophenol	ANT	Qua1	+++++ 42840	+++++ 109225	1491 215999	4634 610034	12048 1203403	+++++ 1000	+++++ 2000	100 4000	200 10000	400 20000
2,4-Dinitrotoluene	ANT	Lin2	+++++ 73400	+++++ 160103	4601 307970	11437 859602	24679 1700377	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
Dibenzofuran	ANT	Ave	5427 336177	10941 700966	30735 1318539	70640 3543099	135020 6445026	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
2,3,5,6-Tetrachlorophenol	ANT	Qua2	+++++ 69987	1150 152734	4293 299142	11290 850145	24318 1745779	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
2,3,4,6-Tetrachlorophenol	ANT	Qua2	+++++ 74263	1358 163490	4449 321482	13357 907992	26871 1837395	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
Diethyl phthalate	ANT	Ave	+++++ 276870	+++++ 572350	+++++ 1081850	55581 2909224	109280 5681767	+++++ 500	+++++ 1000	+++++ 2000	100 5000	200 10000
Fluorene	ANT	Ave	4479 268653	8369 557379	25114 1061554	51980 2868967	103219 5387123	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
4-Chlorophenyl phenyl ether	ANT	Ave	2535 121591	4177 257597	10697 491675	25857 1364219	49757 2646623	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
4-Nitroaniline	ANT	Ave	+++++	1039	2916	6615	16423	+++++	20.0	50.0	100	200

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 382822

SDG No.:

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2022 17:30 Calibration End Date: 03/03/2022 20:58 Calibration ID: 32160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
			36728	88443	130522	369753	+++++	500	1000	2000	5000	+++++
4,6-Dinitro-2-methylphenol	PHN	Qua2	+++++	+++++	2289	8087	21385	+++++	+++++	100	200	400
			73052	170904	344407	1009897	2035118	1000	2000	4000	10000	20000
N-Nitrosodiphenylamine	PHN	Ave	2549	4634	14779	34776	68919	10.0	20.0	50.0	100	200
			175764	360553	709449	1896917	3756263	500	1000	2000	5000	10000
Azobenzene	PHN	Ave	2549	4692	13248	29013	58093	10.0	20.0	50.0	100	200
			152834	310417	579975	1538483	3024210	500	1000	2000	5000	10000
4-Bromophenyl phenyl ether	PHN	Ave	1413	2838	6889	15586	30863	10.0	20.0	50.0	100	200
			81842	168322	321812	923397	1892065	500	1000	2000	5000	10000
Hexachlorobenzene	PHN	Lin2	1963	4020	10364	23445	43383	10.0	20.0	50.0	100	200
			115384	245806	459103	1302617	2660795	500	1000	2000	5000	10000
Atrazine	ANT	Lin2	790	2178	4848	11190	23422	10.0	20.0	50.0	100	200
			64517	134097	258402	719578	1391998	500	1000	2000	5000	10000
Pentachlorophenol	PHN	Qua2	+++++	+++++	4727	14432	36932	+++++	+++++	100	200	400
			114500	257967	542927	1573140	3283939	1000	2000	4000	10000	20000
n-Octadecane	PHN	Ave	1022	2191	5220	11201	21762	10.0	20.0	50.0	100	200
			57402	118913	227464	605246	1157003	500	1000	2000	5000	10000
Phenanthrene	PHN	Ave	5943	11986	31549	74155	145360	10.0	20.0	50.0	100	200
			373518	767742	1473186	3979039	7374506	500	1000	2000	5000	10000
Anthracene	PHN	Lin2	5798	11080	29962	70852	137121	10.0	20.0	50.0	100	200
			361336	758128	1455404	3956688	6817000	500	1000	2000	5000	10000
Carbazole	PHN	Ave	+++++	7241	20662	54200	111925	+++++	20.0	50.0	100	200
			284080	539776	899105	2246566	4711973	500	1000	2000	5000	10000
Di-n-butyl phthalate	PHN	Lin2	6308	13524	37840	84875	172068	10.0	20.0	50.0	100	200
			464864	1003157	1886103	5107635	8071972	500	1000	2000	5000	10000
Fluoranthene	PHN	Ave	5067	10498	31187	71580	148035	10.0	20.0	50.0	100	200
			383678	809649	1547060	4318993	7593072	500	1000	2000	5000	10000
Benzidine	PHN	Qua2	+++++	2727	8906	21667	44020	+++++	40.0	100	200	400
			147489	339022	742808	2348334	5188215	1000	2000	4000	10000	20000
Pyrene	PHN	Ave	4531	12265	31286	74105	151459	10.0	20.0	50.0	100	200
			390445	840429	1606294	4488013	7892910	500	1000	2000	5000	10000
Butyl benzyl phthalate	CRY	Ave	2093	4216	12762	28882	63500	10.0	20.0	50.0	100	200
			180050	394758	801871	2222127	4378587	500	1000	2000	5000	10000
3,3'-Dichlorobenzidine	CRY	Qua2	1994	4265	14212	33336	80469	20.0	40.0	100	200	400
			215204	454526	924622	2817641	5937737	1000	2000	4000	10000	20000
Benzo[a]anthracene	CRY	Lin2	4261	8310	23598	58256	123645	10.0	20.0	50.0	100	200

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 382822

SDG No.:

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2022 17:30 Calibration End Date: 03/03/2022 20:58 Calibration ID: 32160

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
			331118	728409	1430272	4177228	8208889	500	1000	2000	5000	10000
Chrysene	CRY	Lin2	4261	11288	30970	68676	137413	10.0	20.0	50.0	100	200
			348885	719991	1382460	3900273	7736861	500	1000	2000	5000	10000
Bis(2-ethylhexyl) phthalate	CRY	Ave	2995	6861	15780	39340	86928	10.0	20.0	50.0	100	200
			251117	552782	1100419	3171521	6229651	500	1000	2000	5000	10000
Di-n-octyl phthalate	PRY	Lin2	+++++	+++++	23054	57698	120505	+++++	+++++	50.0	100	200
			394379	888470	1797107	5298347	10314831	500	1000	2000	5000	10000
Benzo[b]fluoranthene	PRY	Ave	5219	8729	27077	62772	130823	10.0	20.0	50.0	100	200
			342402	719997	1477474	4278029	8579979	500	1000	2000	5000	10000
Benzofluoranthene	PRY	Ave	10348	20648	54456	130663	259823	20.0	40.0	100	200	400
			706929	1498879	2911437	8297540	16969900	1000	2000	4000	10000	20000
Benzo[k]fluoranthene	PRY	Ave	5755	11954	24059	69200	129758	10.0	20.0	50.0	100	200
			369777	806750	1506226	4279320	9136788	500	1000	2000	5000	10000
Benzo[a]pyrene	PRY	Lin2	3720	8136	22305	53050	108763	10.0	20.0	50.0	100	200
			301180	649394	1273524	3714042	7572975	500	1000	2000	5000	10000
Indeno[1,2,3-cd]pyrene	PRY	Qua2	3840	7412	21732	52223	107033	10.0	20.0	50.0	100	200
			307442	683781	1298083	3993804	8278816	500	1000	2000	5000	10000
Dibenz(a,h)anthracene	PRY	Lin2	4074	8819	25756	53244	112610	10.0	20.0	50.0	100	200
			326828	697062	1348375	4188732	8887272	500	1000	2000	5000	10000
Benzo[g,h,i]perylene	PRY	Ave	5288	11736	28478	67662	131988	10.0	20.0	50.0	100	200
			375609	791962	1542622	4538253	9412239	500	1000	2000	5000	10000
2-Fluorophenol (Surr)	DCBd 4	Ave	2293	3896	10216	23885	43969	10.0	20.0	50.0	100	200
			117294	238372	450920	1200671	2355899	500	1000	2000	5000	10000
Phenol-d5 (Surr)	DCBd 4	Ave	2250	4457	11219	23332	46773	10.0	20.0	50.0	100	200
			123945	257264	475453	1275859	2504588	500	1000	2000	5000	10000
Nitrobenzene-d5 (Surr)	NPT	Ave	1497	2922	7799	16062	33415	10.0	20.0	50.0	100	200
			80987	170055	324382	871362	1671809	500	1000	2000	5000	10000
2-Fluorobiphenyl	ANT	Ave	5040	10381	26886	58743	113928	10.0	20.0	50.0	100	200
			286712	585365	1115476	2999713	5649797	500	1000	2000	5000	10000
2,4,6-Tribromophenol (Surr)	PHN	Qua1	544	1836	3869	9763	23823	10.0	20.0	50.0	100	200
			64452	137199	273827	803350	1702428	500	1000	2000	5000	10000
Terphenyl-d14	PHN	Lin2	+++++	6122	19456	45341	90911	+++++	20.0	50.0	100	200
			246747	534025	1058273	3013103	5909169	500	1000	2000	5000	10000

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 382822

SDG No.:

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2022 17:30 Calibration End Date: 03/03/2022 20:58 Calibration ID: 32160

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua1 = Quadratic 1/conc ISTD
Qua2 = Quadratic 1/conc^2 ISTD

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Seattle | Job No.: 580-111087-1 | Analy Batch No.: 382822

SDG No.:

Instrument ID: TAC040 | GC Column: ZB-SV | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2022 17:30 | Calibration End Date: 03/03/2022 20:58 | Calibration ID: 32160

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-382822/13	40Scan030322a016.D
Level 2	STD2 580-382822/12	40Scan030322a015.D
Level 3	STD3 580-382822/11	40Scan030322a014.D
Level 4	STD4 580-382822/10	40Scan030322a013.D
Level 5	STD5 580-382822/9	40Scan030322a012.D
Level 6	STD6 580-382822/8	40Scan030322a011.D
Level 7	STD7IS 580-382822/7	40Scan030322a010.D
Level 8	STD8 580-382822/6	40Scan030322a009.D
Level 9	STD9 580-382822/5	40Scan030322a008.D
Level 10	STD10 580-382822/4	40Scan030322a007.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5	LVL 6
N-Nitrosodimethylamine	-11.9						50					
Pyridine	0.0						50					
Phenol	+++++	+++++	+++++	2.9						50		
Aniline	2.3						30					
Bis(2-chloroethyl)ether	14.1						50					
2-Chlorophenol	-7.3						50					
n-Decane	-3.3						30					
1,3-Dichlorobenzene	11.9						30					
1,4-Dichlorobenzene	5.8						30					
Benzyl alcohol	-13.4						50					
1,2-Dichlorobenzene	12.3						30					
o-Cresol	+++++	+++++	+++++	3.4						50		
bis (2-chloroisopropyl) ether	-10.6						30					
Acetophenone	7.2						50					

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 382822

SDG No.:

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2022 17:30 Calibration End Date: 03/03/2022 20:58 Calibration ID: 32160

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5	LVL 6
m+p-Cresol	5.3						50					
N-Nitrosodi-n-propylamine	-21.4						50					
Hexachloroethane	-6.5						30					
Nitrobenzene	2.8						50					
Isophorone	28.6						30					
2-Nitrophenol	-28.9						50					
2,4-Dimethylphenol	+++++	+++++	-3.5						30			
Benzoic acid	+++++	+++++	+++++	6.3						30		
Bis(2-chloroethoxy)methane	19.1						50					
2,4-Dichlorophenol	4.1						30					
1,2,4-Trichlorobenzene	9.3						50					
Naphthalene	6.4			+++++			50					
4-Chloroaniline	+++++	+++++	-3.0						30			
2,6-Dichlorophenol	3.4						50					
Hexachlorobutadiene	9.6						30					
4-Chloro-3-methylphenol	-6.3						50					
2-Methylnaphthalene	-0.1						50					
1-Methylnaphthalene	-3.5						50					
Hexachlorocyclopentadiene	26.6						30					
1,2,4,5-Tetrachlorobenzene	3.7						50					
2,4,6-Trichlorophenol	+++++	7.4						30				

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 382822

SDG No.:

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2022 17:30 Calibration End Date: 03/03/2022 20:58 Calibration ID: 32160

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5	LVL 6
2,4,5-Trichlorophenol	+++++	7.9						30				
1,1'-Biphenyl	8.7						50					
2-Chloronaphthalene	-4.2						50					
2-Nitroaniline	+++++	6.9						30				
Dimethyl phthalate	2.3						30					
1,3-Dinitrobenzene	+++++	+++++	2.7						30			
2,6-Dinitrotoluene	+++++	+++++	+++++	2.0						30		
Acenaphthylene	1.9						50					
3-Nitroaniline	+++++	+++++	-4.2						30			
Acenaphthene	1.4						50					
2,4-Dinitrophenol	+++++	+++++	+++++	26.4						30		
4-Nitrophenol	+++++	+++++	34.5 *						30			
2,4-Dinitrotoluene	+++++	+++++	4.6						30			
Dibenzofuran	-7.2						50					
2,3,5,6-Tetrachlorophenol	+++++	6.0						30				
2,3,4,6-Tetrachlorophenol	+++++	6.4						30				
Diethyl phthalate	+++++	+++++	+++++	2.3						50		
Fluorene	-3.6						50					
4-Chlorophenyl phenyl ether	13.4						50					
4-Nitroaniline	+++++	-19.8		+++++				50				
4,6-Dinitro-2-methylphenol	+++++	+++++	5.4						30			

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 382822

SDG No.:

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2022 17:30 Calibration End Date: 03/03/2022 20:58 Calibration ID: 32160

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5	LVL 6
N-Nitrosodiphenylamine	-6.6						50					
Azobenzene	7.4						50					
4-Bromophenyl phenyl ether	6.3						50					
Hexachlorobenzene	1.4						30					
Atrazine	0.4						30					
Pentachlorophenol	+++++	+++++	3.4						30			
n-Octadecane	9.2						50					
Phenanthrene	1.0						50					
Anthracene	4.3						30					
Carbazole	+++++	-12.7						50				
Di-n-butyl phthalate	2.9						30					
Fluoranthene	-13.5						50					
Benzidine	+++++	7.7						30				
Pyrene	-24.9						50					
Butyl benzyl phthalate	-10.4						50					
3,3'-Dichlorobenzidine	8.7						30					
Benzo[a]anthracene	8.2						30					
Chrysene	-6.0						30					
Bis(2-ethylhexyl) phthalate	-8.5						50					
Di-n-octyl phthalate	+++++	+++++	4.2						30			
Benzo[b]fluoranthene	1.1						50					

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 382822

SDG No.:

Instrument ID: TAC040 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2022 17:30 Calibration End Date: 03/03/2022 20:58 Calibration ID: 32160

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5	LVL 6
Benzofluoranthene	-1.6						50					
Benzo[k]fluoranthene	4.4						50					
Benzo[a]pyrene	6.5						30					
Indeno[1,2,3-cd]pyrene	8.9						30					
Dibenz(a,h)anthracene	6.8						30					
Benzo[g,h,i]perylene	-5.4						50					
2-Fluorophenol (Surr)	13.1						50					
Phenol-d5 (Surr)	5.2						50					
Nitrobenzene-d5 (Surr)	-0.3						50					
2-Fluorobiphenyl	-0.6						50					
2,4,6-Tribromophenol (Surr)	25.9						30					
Terphenyl-d14	+++++	4.1						30				

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 10
Inject. Date: 03-Mar-2022 17:30:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 10
Operator ID: tl Instrument ID: TAC040
Sublist: chrom-8270TAC040*sub20

Method: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 08-Mar-2022 14:30:53 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1601

First Level Reviewer: limmere Date: 04-Mar-2022 11:36:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.707	4.707	0.000	73	23783	100.0	100.0	a
* 2 Naphthalene-d8	136	5.742	5.736	0.006	96	88639	100.0	100.0	
* 3 Acenaphthene-d10	164	7.177	7.172	0.005	35	45217	100.0	100.0	
* 4 Phenanthrene-d10	188	8.395	8.389	0.006	95	73735	100.0	100.0	
* 5 Chrysene-d12	240	10.607	10.595	0.012	49	70293	100.0	100.0	
* 6 Perylene-d12	264	12.124	12.112	0.012	94	70766	100.0	100.0	
$ 7 2-Fluorophenol	112	3.649	3.649	0.000	80	2355899	10000	10503	a
$ 8 Phenol-d5	99	4.425	4.413	0.012	98	2504588	10000	10585	a
$ 9 Nitrobenzene-d5	82	5.166	5.154	0.012	79	1671809	10000	9818.7	
$ 10 2-Fluorobiphenyl	172	6.636	6.630	0.006	98	5649797	10000	9782.1	
$ 11 2,4,6-Tribromophenol	330	7.830	7.819	0.011	82	1702428	10000	9918.4	
$ 12 Terphenyl-d14	244	9.718	9.713	0.005	99	5909169	10000	10925	
15 N-Nitrosodimethylamine	74	2.520	2.525	-0.005	87	775837	10000	10596	a
16 Pyridine	79	2.531	2.536	-0.005	96	3019845	20000	22095	a
18 Phenol	94	4.436	4.425	0.011	94	2345493	10000	10415	a
17 Aniline	93	4.454	4.442	0.012	96	2704821	10000	9721.8	a
19 Bis(2-chloroethyl)ether	93	4.513	4.507	0.006	94	1716046	10000	9925.5	a
20 2-Chlorophenol	128	4.536	4.531	0.005	54	2898655	10000	10525	a
21 n-Decane	57	4.595	4.595	0.000	91	1132709	10000	9960.1	a
22 1,3-Dichlorobenzene	146	4.660	4.660	0.000	94	3333985	10000	10005	a
23 1,4-Dichlorobenzene	146	4.725	4.719	0.006	96	3332683	10000	9934.5	a
27 Benzyl alcohol	79	4.836	4.825	0.011	92	1213983	10000	10525	a
24 1,2-Dichlorobenzene	146	4.842	4.842	0.000	96	3184289	10000	9924.5	a
28 2-Methylphenol	108	4.925	4.913	0.012	68	1931499	10000	9848.1	a
25 2,2'-oxybis[1-chloropropane]	45	4.948	4.942	0.006	51	1570578	10000	9896.0	a
29 Acetophenone	105	5.048	5.036	0.012	92	2851779	10000	9957.3	a
32 3 & 4 Methylphenol	108	5.054	5.042	0.012	97	2033618	10000	10486	a
30 N-Nitrosodi-n-propylamine	70	5.060	5.042	0.018	63	840086	10000	10662	a
31 Hexachloroethane	117	5.113	5.113	0.000	91	1404119	10000	10041	a
33 Nitrobenzene	77	5.178	5.172	0.006	76	1486199	10000	10412	
34 Isophorone	82	5.383	5.372	0.011	97	2793422	10000	10066	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
35 2-Nitrophenol	139	5.436	5.430	0.006	76	1603668	10000	11342	
37 2,4-Dimethylphenol	107	5.483	5.472	0.011	89	2116333	10000	9610.6	
36 Benzoic acid	105	5.642	5.519	0.123	82	3614725	20000	19324	a
38 Bis(2-chloroethoxy)methane	93	5.566	5.560	0.006	92	2137008	10000	9937.2	
39 2,4-Dichlorophenol	162	5.630	5.619	0.011	84	2442045	10000	10056	
40 1,2,4-Trichlorobenzene	180	5.695	5.695	0.000	91	2813660	10000	9508.8	
41 Naphthalene	128	5.760	5.754	0.006	97	6190249	10000	7622.4	e
42 2,6-Dichlorophenol	162	5.813	5.807	0.006	72	2442061	10000	10538	
43 4-Chloroaniline	127	5.813	5.807	0.006	84	3111638	10000	9691.9	
44 Hexachlorobutadiene	225	5.866	5.860	0.006	93	1747556	10000	10026	
45 4-Chloro-3-methylphenol	107	6.219	6.201	0.018	85	1752586	10000	11365	
46 2-Methylnaphthalene	142	6.325	6.325	0.000	83	4901679	10000	9639.7	
47 1-Methylnaphthalene	142	6.407	6.401	0.006	89	4748325	10000	9520.4	
48 Hexachlorocyclopentadiene	237	6.454	6.454	0.000	85	2283860	10000	9955.9	
49 1,2,4,5-Tetrachlorobenzene	216	6.466	6.454	0.012	92	2996761	10000	10193	
50 2,4,6-Trichlorophenol	196	6.560	6.554	0.006	86	1942143	10000	10942	
51 2,4,5-Trichlorophenol	196	6.589	6.577	0.012	84	2058925	10000	9651.6	
52 1,1'-Biphenyl	154	6.713	6.707	0.006	95	5834478	10000	9581.6	e
53 2-Chloronaphthalene	162	6.724	6.719	0.005	93	4997066	10000	9882.3	
54 2-Nitroaniline	138	6.813	6.807	0.006	89	1771550	10000	11027	
55 Dimethyl phthalate	163	6.983	6.972	0.011	98	5361216	10000	10009	
56 1,3-Dinitrobenzene	168	6.995	6.983	0.012	89	875379	10000	9725.6	a
57 2,6-Dinitrotoluene	165	7.024	7.013	0.011	64	1314187	10000	10295	
58 Acenaphthylene	152	7.060	7.054	0.006	95	6937267	10000	9486.5	e
59 3-Nitroaniline	138	7.160	7.142	0.018	77	1346041	10000	10618	
60 Acenaphthene	153	7.207	7.201	0.006	93	4976696	10000	9962.8	
69 2,4-Dinitrophenol	184	7.242	7.230	0.012	66	1850322	20000	19886	a
63 4-Nitrophenol	109	7.307	7.283	0.024	71	1203403	20000	19884	
62 2,4-Dinitrotoluene	165	7.354	7.336	0.018	66	1700377	10000	10606	
61 Dibenzofuran	168	7.348	7.342	0.006	90	6445026	10000	9669.0	e
64 2,3,5,6-Tetrachlorophenol	232	7.413	7.407	0.006	90	1745779	10000	9717.0	
65 2,3,4,6-Tetrachlorophenol	232	7.454	7.442	0.012	66	1837395	10000	9719.7	
66 Diethyl phthalate	149	7.566	7.554	0.012	97	5681767	10000	10056	
67 Fluorene	166	7.630	7.624	0.006	82	5387123	10000	10172	
68 4-Chlorophenyl phenyl ether	204	7.642	7.636	0.006	83	2646623	10000	10391	
70 4-Nitroaniline	138	7.666	7.642	0.024	54	1110572	10000	15575	
73 4,6-Dinitro-2-methylphenol	198	7.683	7.666	0.017	95	2035118	20000	19251	
71 N-Nitrosodiphenylamine	169	7.742	7.730	0.012	60	3756263	10000	10705	
72 Azobenzene	77	7.771	7.760	0.011	93	3024210	10000	9910.8	
74 4-Bromophenyl phenyl ether	248	8.042	8.036	0.006	49	1892065	10000	11066	
75 Hexachlorobenzene	284	8.077	8.066	0.011	91	2660795	10000	10913	
76 Atrazine	200	8.195	8.177	0.018	90	1391998	10000	10729	
77 Pentachlorophenol	266	8.242	8.230	0.012	93	3283939	20000	19412	
78 n-Octadecane	43	8.342	8.342	0.000	95	1157003	10000	9612.5	
79 Phenanthrene	178	8.419	8.407	0.011	96	7374506	10000	9744.3	e
80 Anthracene	178	8.460	8.448	0.012	96	6817000	10000	9331.6	e
81 Carbazole	167	8.595	8.583	0.012	82	4711973	10000	9277.0	
83 Di-n-butyl phthalate	149	8.907	8.901	0.006	99	8071972	10000	8681.2	e
84 Fluoranthene	202	9.389	9.383	0.006	97	7593072	10000	10083	e
85 Benzidine	184	9.524	9.507	0.017	99	5188215	20000	19155	
86 Pyrene	202	9.571	9.566	0.005	95	7892910	10000	10178	e
87 Butyl benzyl phthalate	149	10.136	10.130	0.006	89	4378587	10000	10660	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
91 3,3'-Dichlorobenzidine	252	10.595	10.577	0.018	63	5937737	20000	19462	
89 Benzo[a]anthracene	228	10.595	10.589	0.006	98	8208889	10000	10225	
90 Chrysene	228	10.636	10.618	0.018	92	7736861	10000	9132.1	
92 Bis(2-ethylhexyl) phthalate	149	10.671	10.665	0.006	74	6229651	10000	10818	
93 Di-n-octyl phthalate	149	11.348	11.336	0.012	96	10314831	10000	10309	e
94 Benzo[b]fluoranthene	252	11.707	11.683	0.024	96	8579979	10000	10883	
95 Benzofluoranthene	252	11.736	11.683	0.053	100	16969900	20000	21137	
96 Benzo[k]fluoranthene	252	11.736	11.718	0.018	96	9136788	10000	10850	
97 Benzo[a]pyrene	252	12.071	12.048	0.023	75	7572975	10000	10711	
98 Indeno[1,2,3-cd]pyrene	276	13.406	13.371	0.035	97	8278816	10000	9638.9	
99 Dibenz(a,h)anthracene	278	13.442	13.412	0.030	78	8887272	10000	11547	
100 Benzo[g,h,i]perylene	276	13.724	13.683	0.041	96	9412239	10000	11023	

QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
a - User Assigned ID

Reagents:

8270_ic_stk_00062	Amount Added: 0.10	Units: mL
8270SIM_IS_00069	Amount Added: 10.00	Units: uL

Report Date: 08-Mar-2022 14:30:56 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D

Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040

Lims ID: STD10

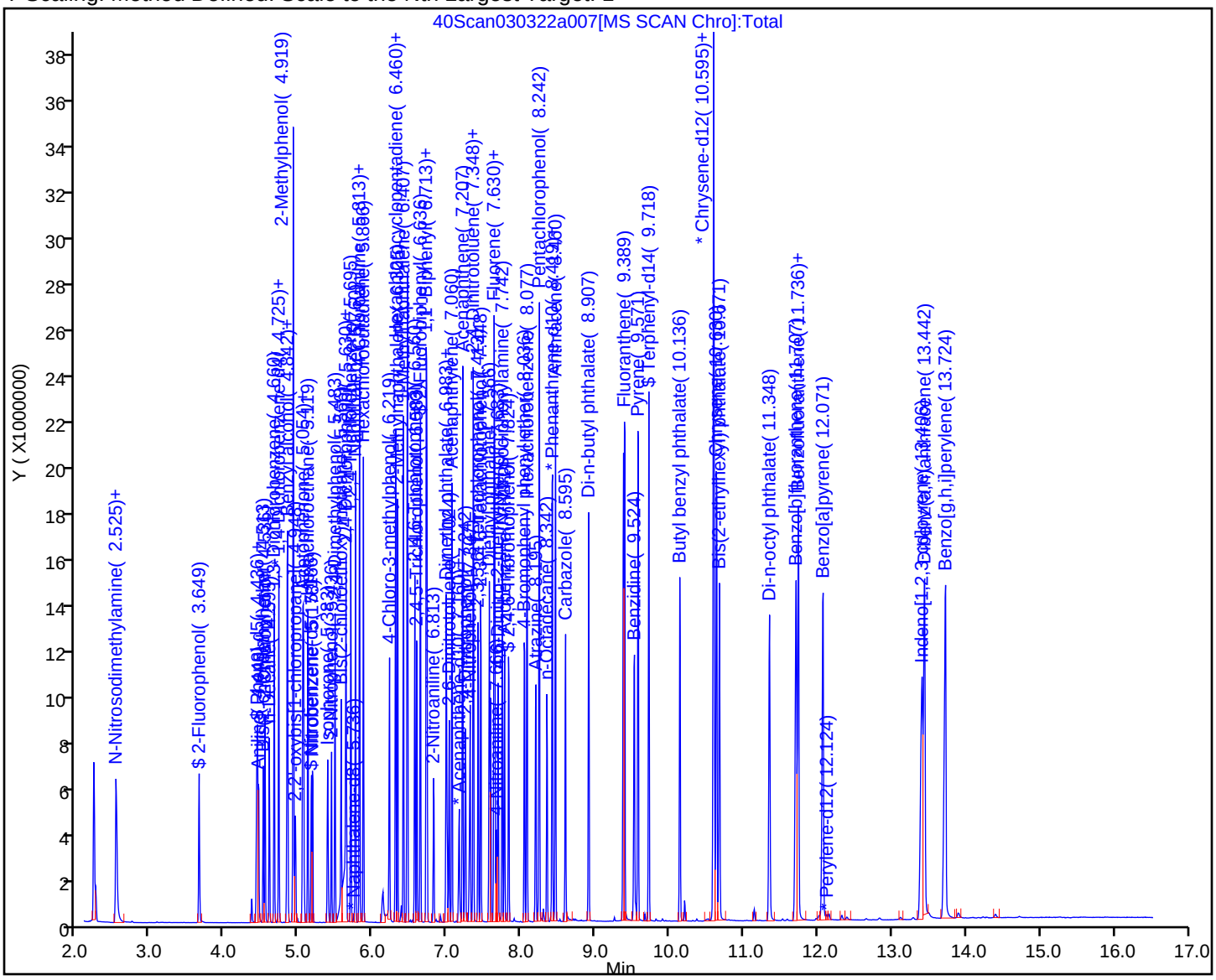
Client ID:

Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

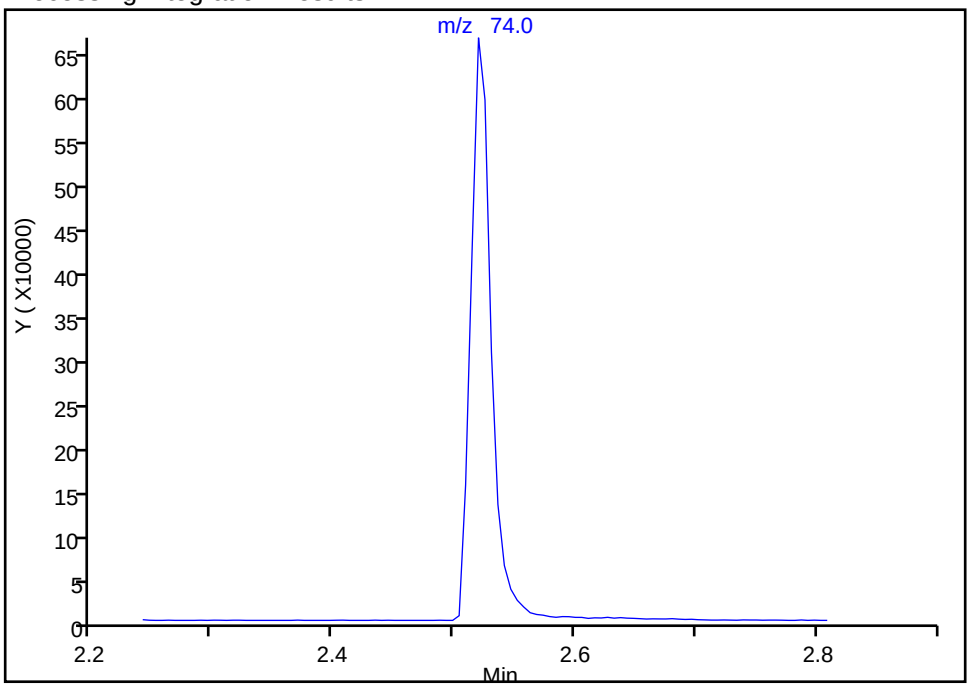
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

15 N-Nitrosodimethylamine, CAS: 62-75-9

Signal: 1

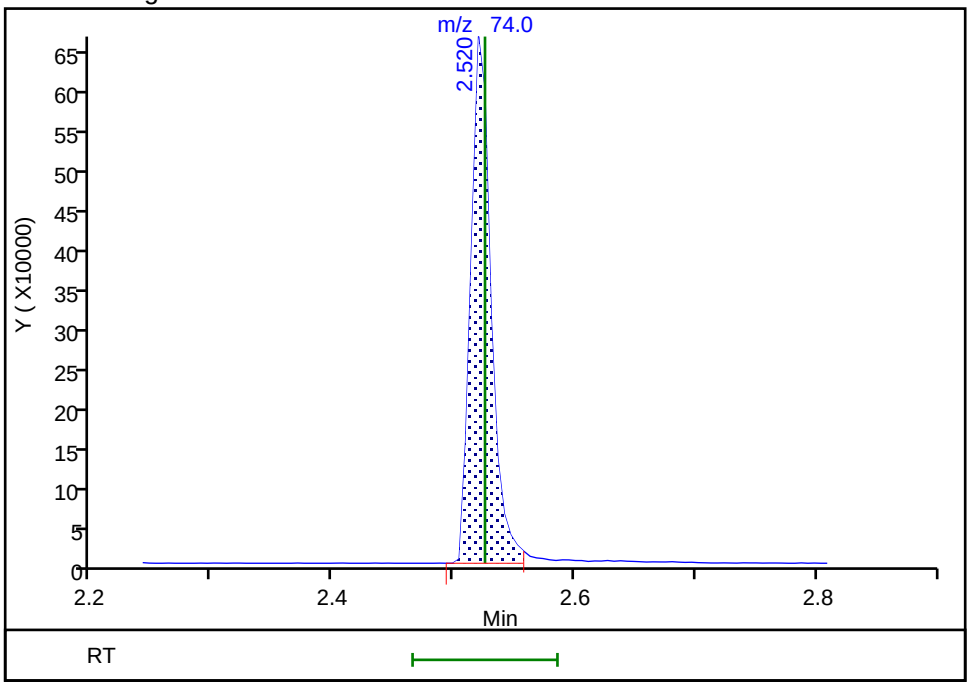
Not Detected
Expected RT: 2.53

Processing Integration Results



Manual Integration Results

RT: 2.52
Area: 775837
Amount: 10596
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:37:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

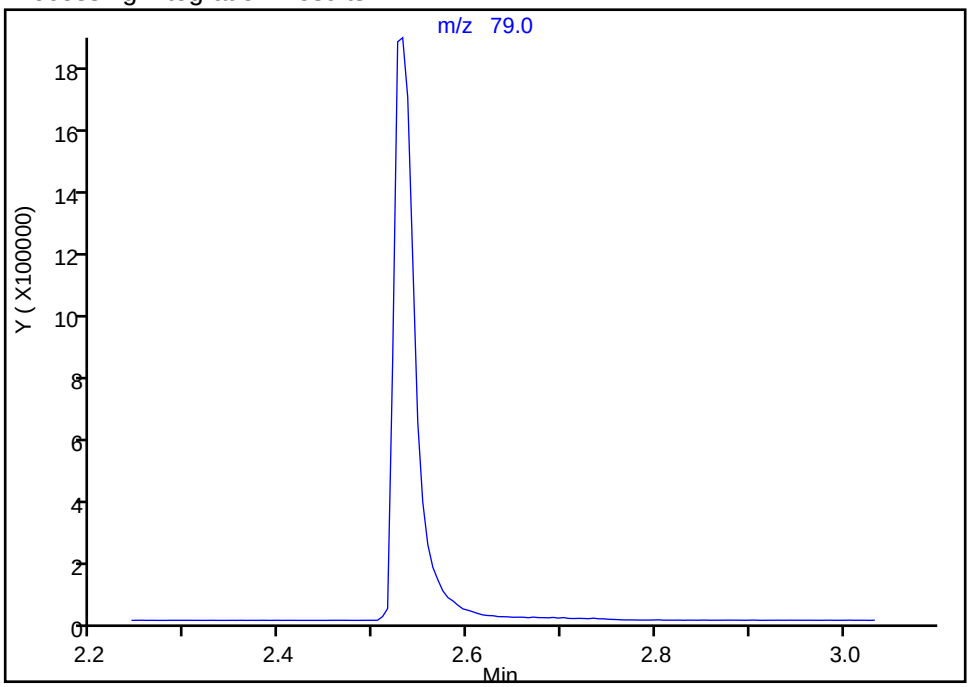
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

16 Pyridine, CAS: 110-86-1

Signal: 1

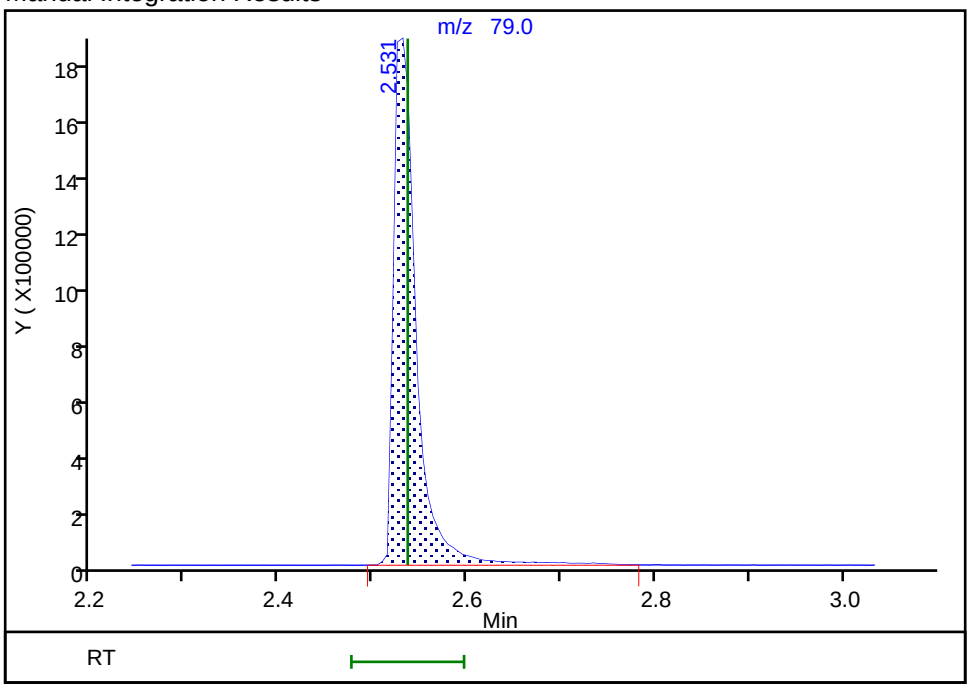
Not Detected
Expected RT: 2.54

Processing Integration Results



Manual Integration Results

RT: 2.53
Area: 3019845
Amount: 22095
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:37:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

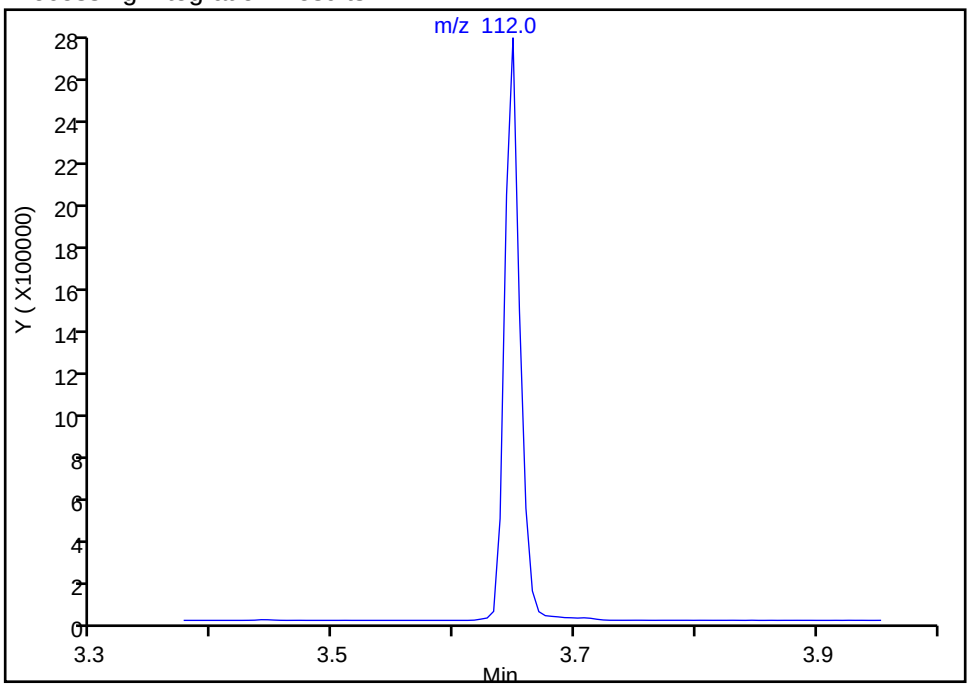
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

$ 7 2-Fluorophenol, CAS: 367-12-4

Signal: 1

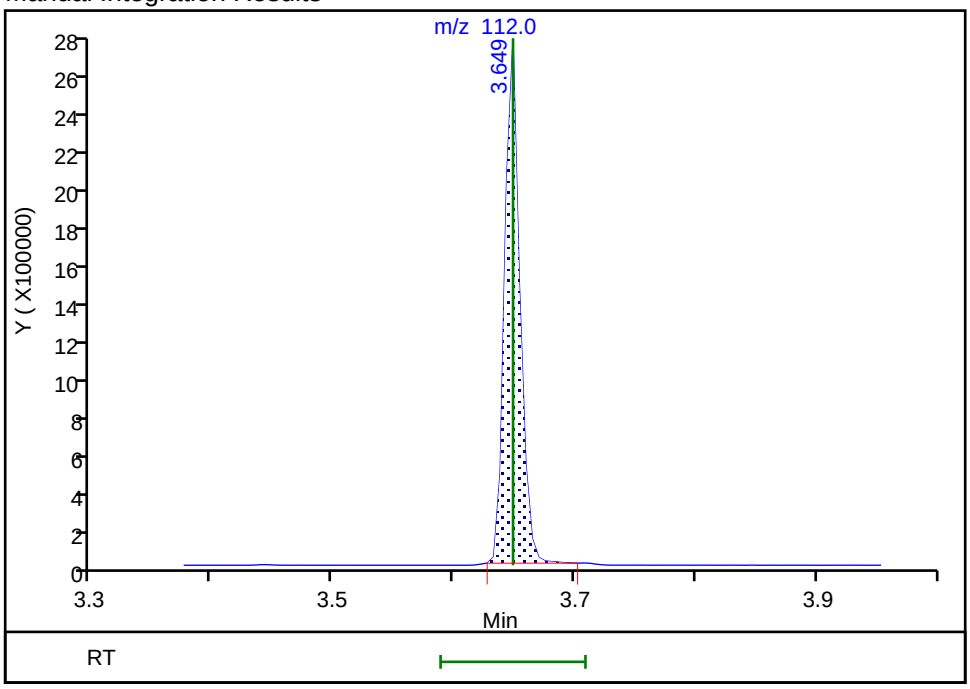
Not Detected
Expected RT: 3.65

Processing Integration Results



Manual Integration Results

RT: 3.65
Area: 2355899
Amount: 10503
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:37:08
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

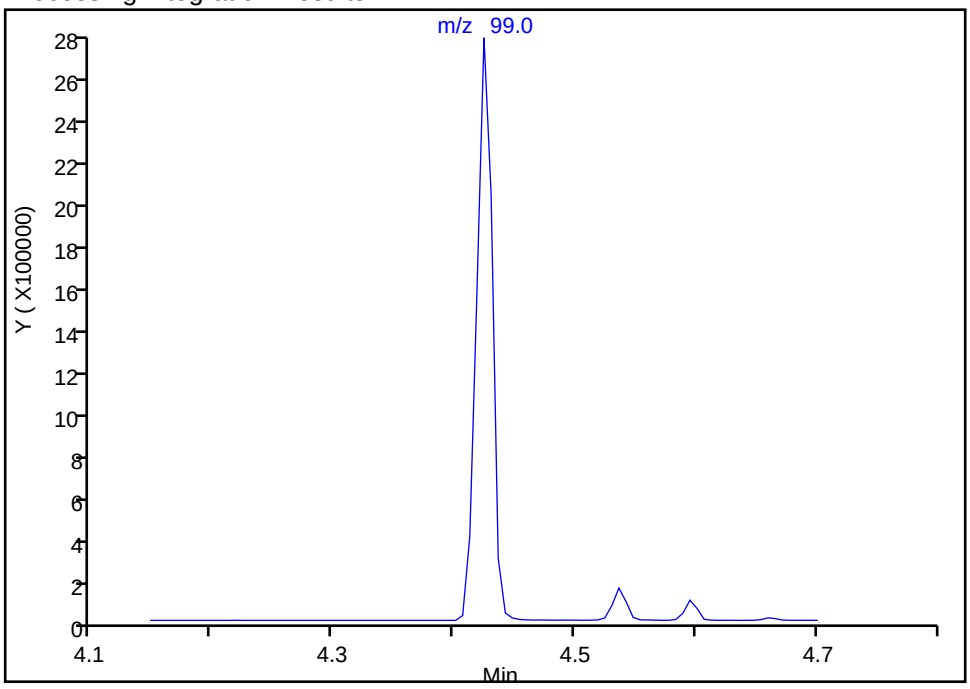
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

$ 8 Phenol-d5, CAS: 4165-62-2

Signal: 1

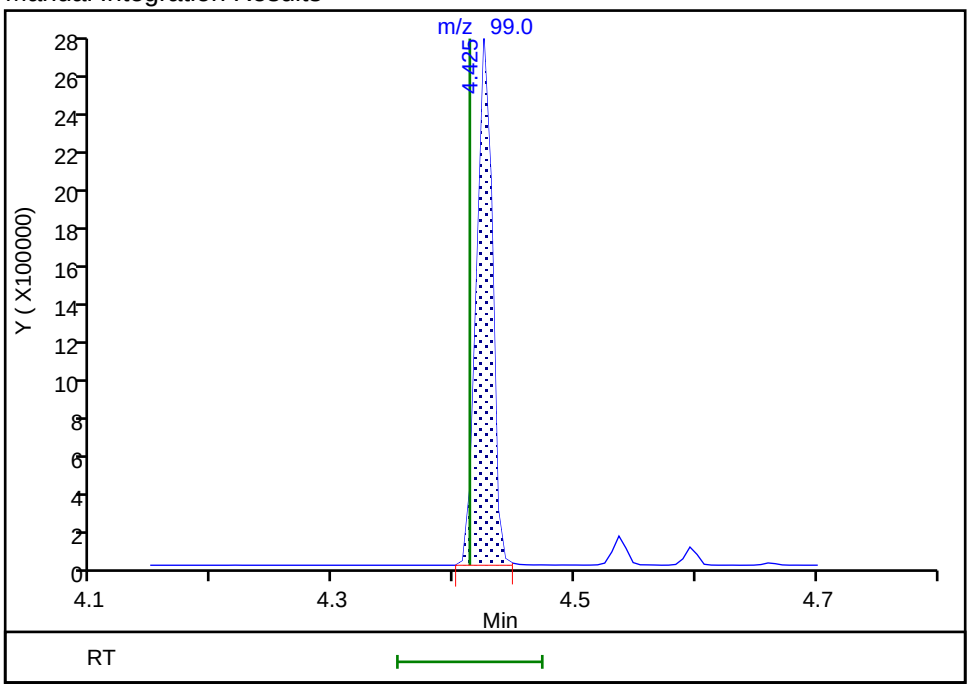
Not Detected
Expected RT: 4.41

Processing Integration Results



Manual Integration Results

RT: 4.42
Area: 2504588
Amount: 10585
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:37:11
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

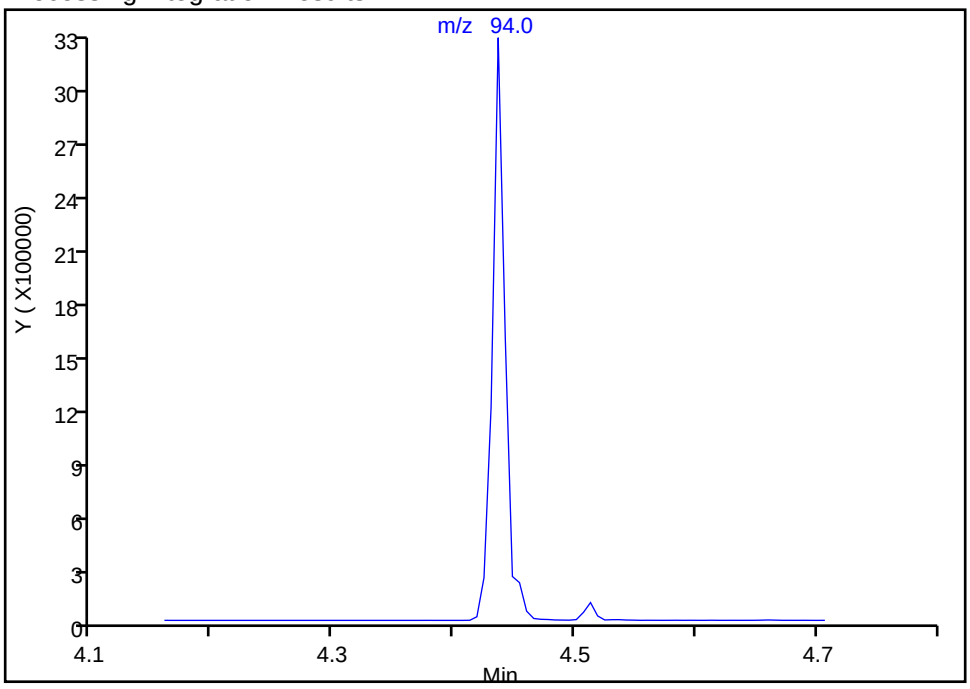
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

18 Phenol, CAS: 108-95-2

Signal: 1

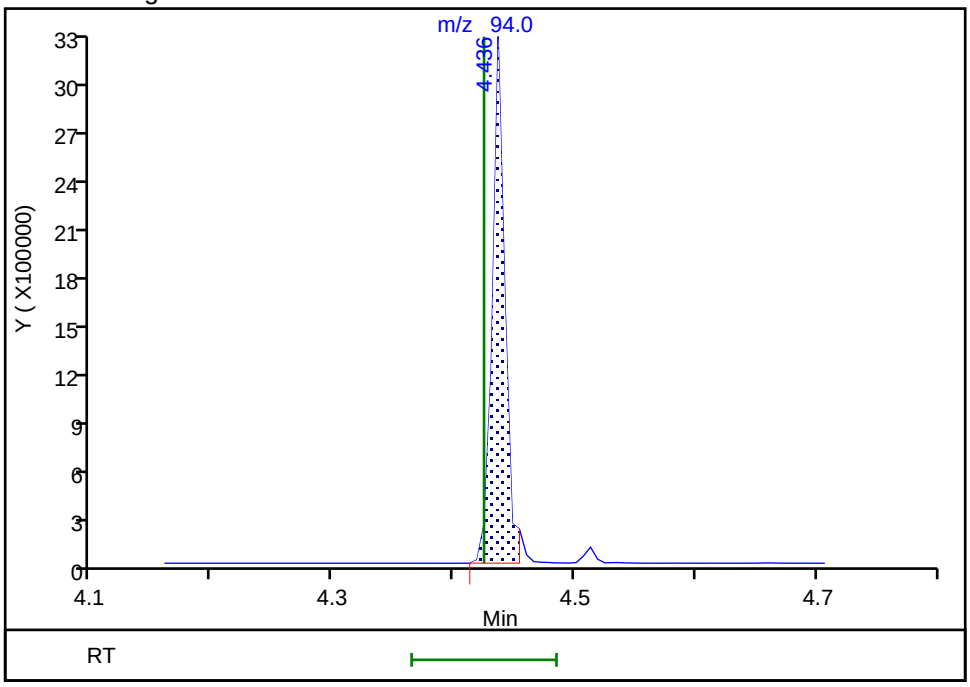
Not Detected
Expected RT: 4.42

Processing Integration Results



Manual Integration Results

RT: 4.44
Area: 2345493
Amount: 10415
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:37:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

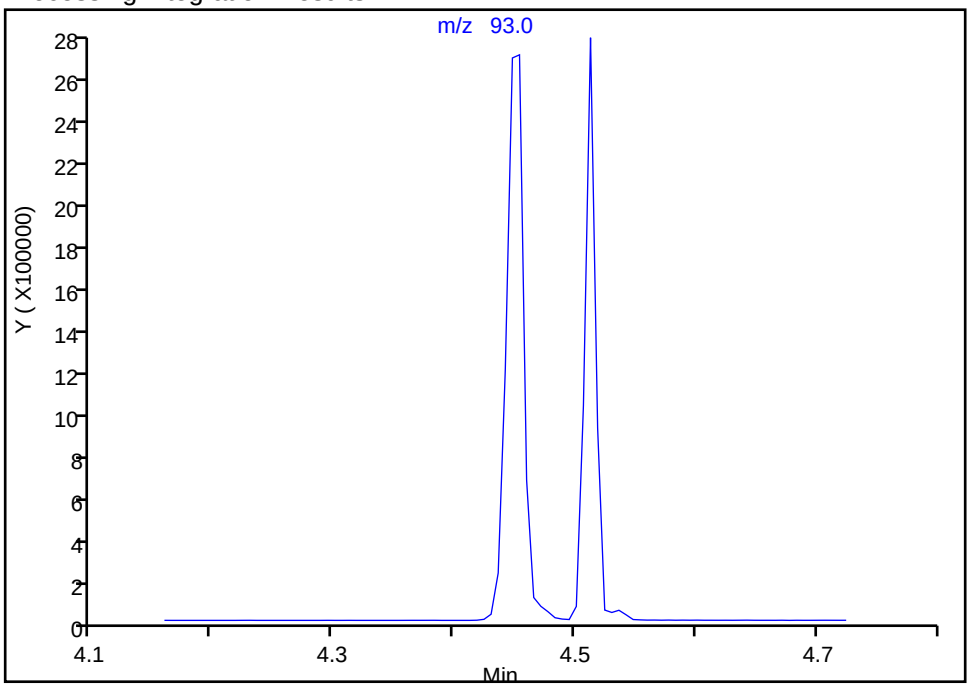
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

17 Aniline, CAS: 62-53-3

Signal: 1

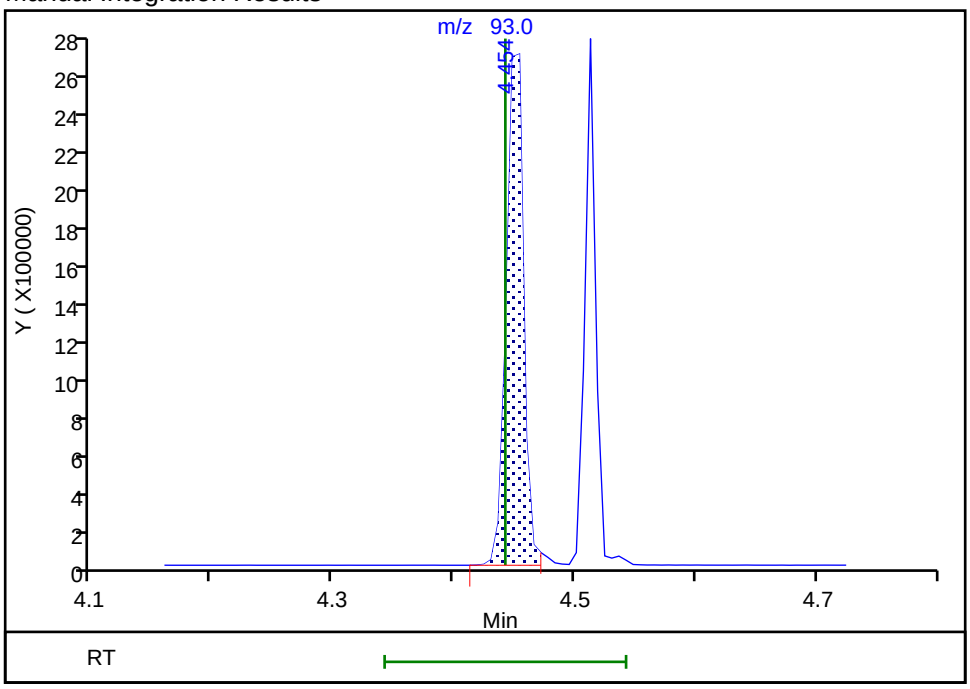
Not Detected
Expected RT: 4.44

Processing Integration Results



Manual Integration Results

RT: 4.45
Area: 2704821
Amount: 9721.8320
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:37:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

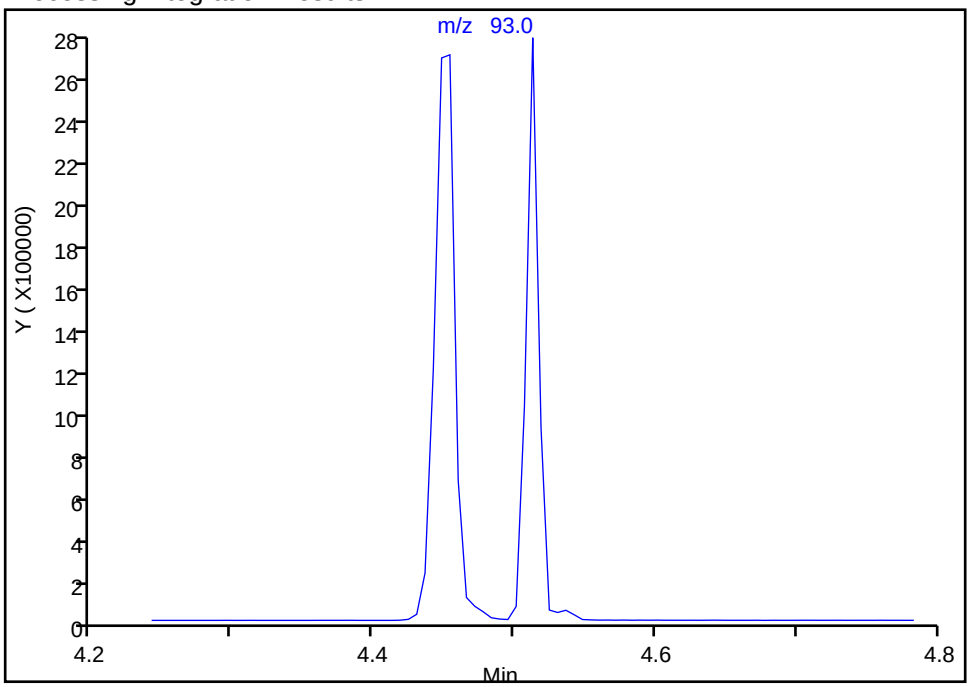
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

19 Bis(2-chloroethyl)ether, CAS: 111-44-4

Signal: 1

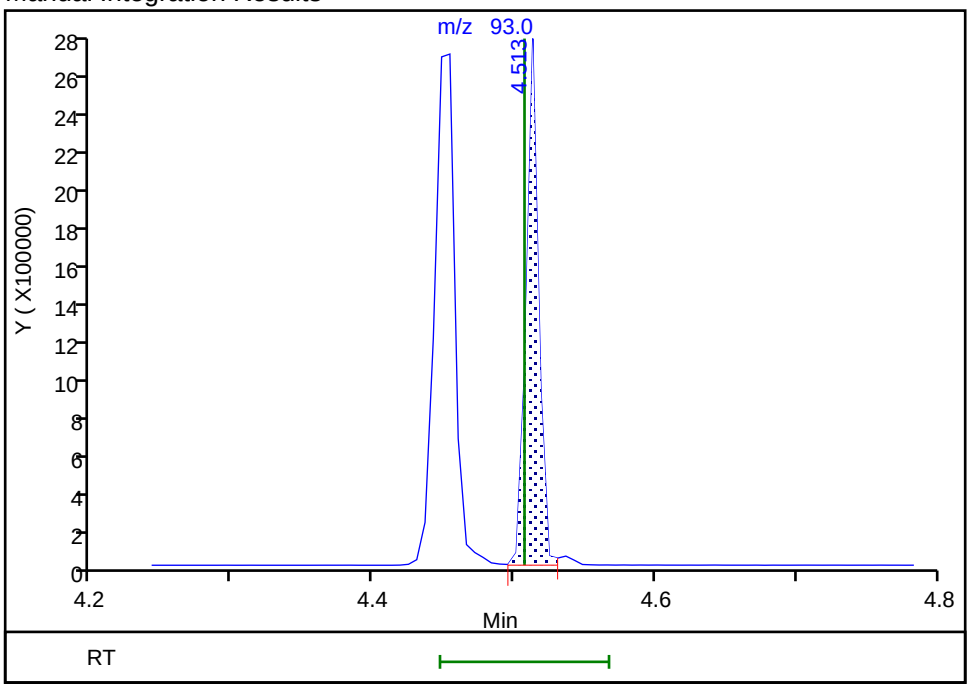
Not Detected
Expected RT: 4.51

Processing Integration Results



Manual Integration Results

RT: 4.51
Area: 1716046
Amount: 9925.5150
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:37:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

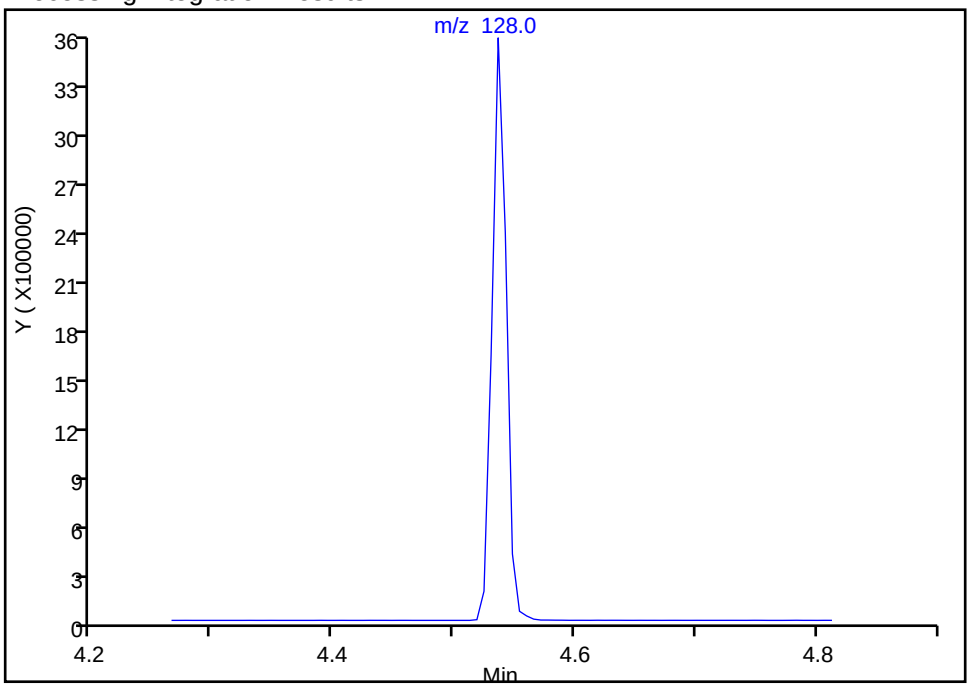
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

20 2-Chlorophenol, CAS: 95-57-8

Signal: 1

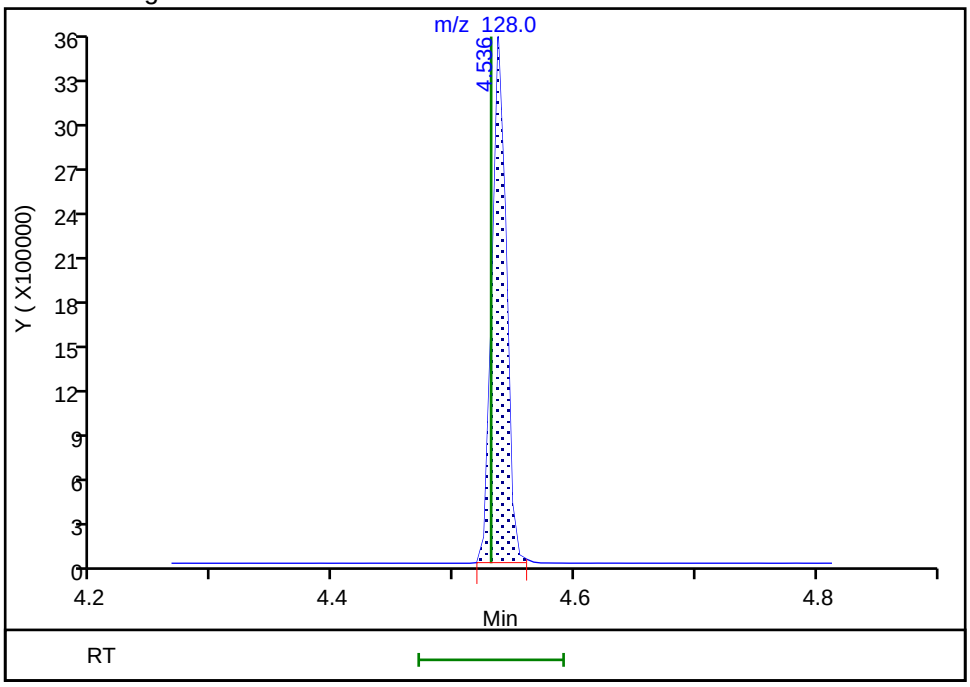
Not Detected
Expected RT: 4.53

Processing Integration Results



Manual Integration Results

RT: 4.54
Area: 2898655
Amount: 10525
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:37:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

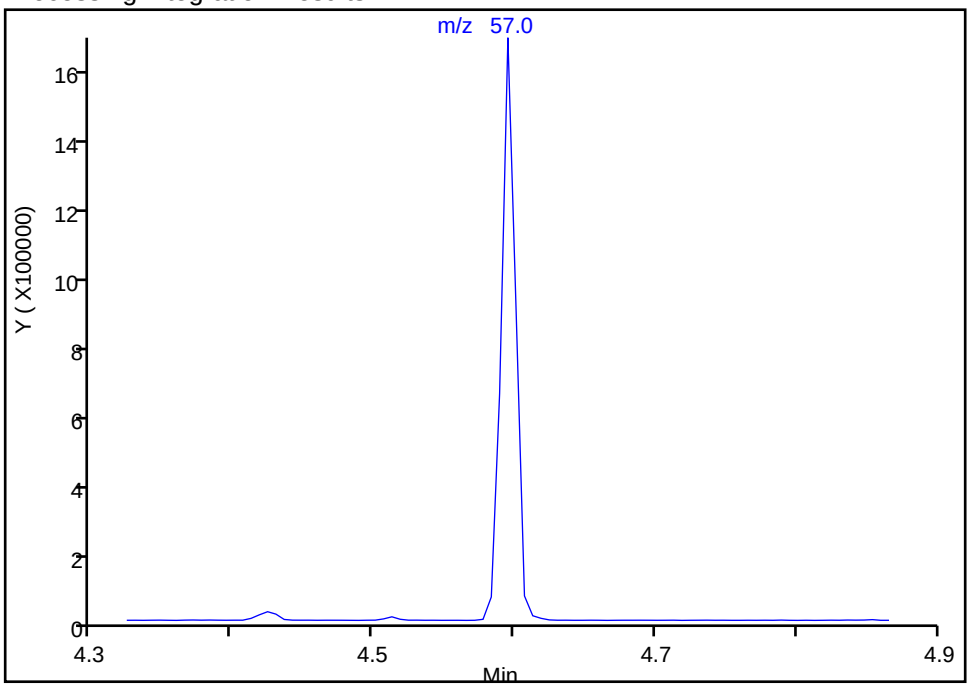
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

21 n-Decane, CAS: 124-18-5

Signal: 1

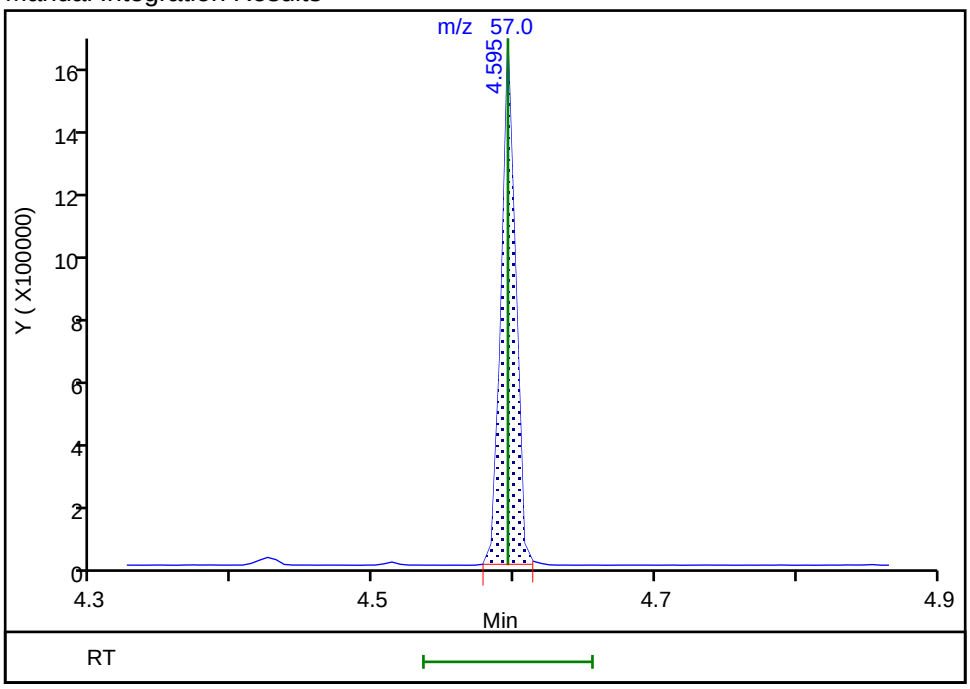
Not Detected
Expected RT: 4.60

Processing Integration Results



Manual Integration Results

RT: 4.60
Area: 1132709
Amount: 9960.1401
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:37:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

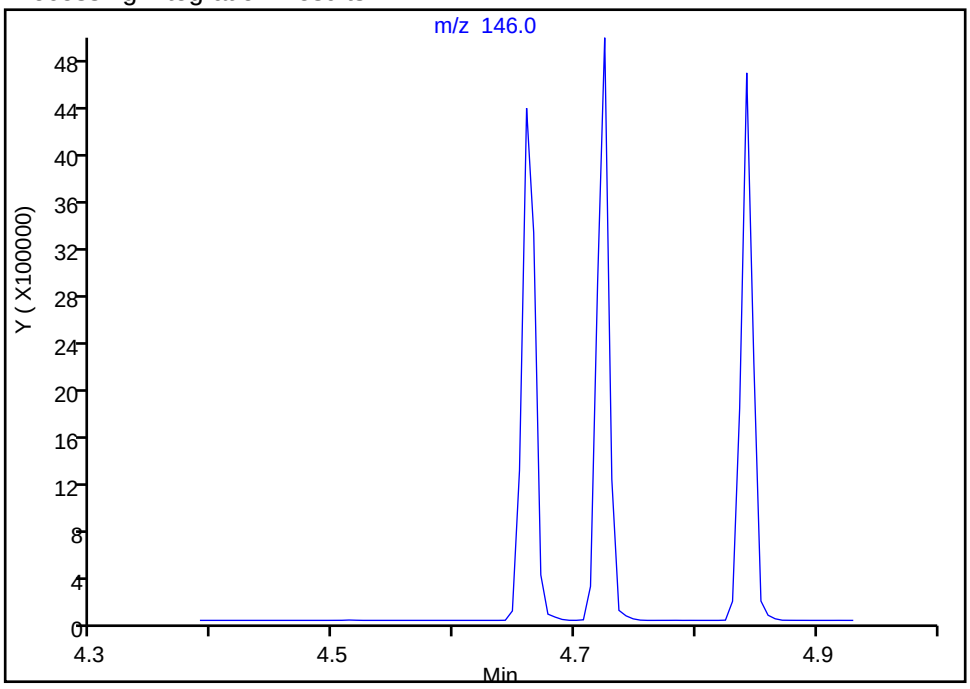
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

22 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

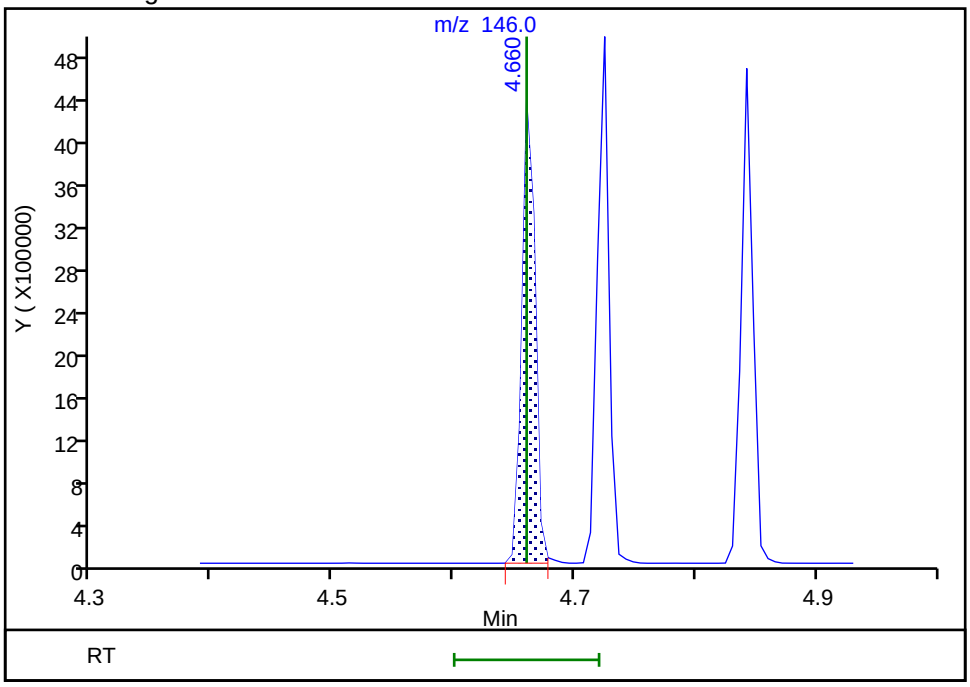
Not Detected
Expected RT: 4.66

Processing Integration Results



Manual Integration Results

RT: 4.66
Area: 3333985
Amount: 10005
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:37:36
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

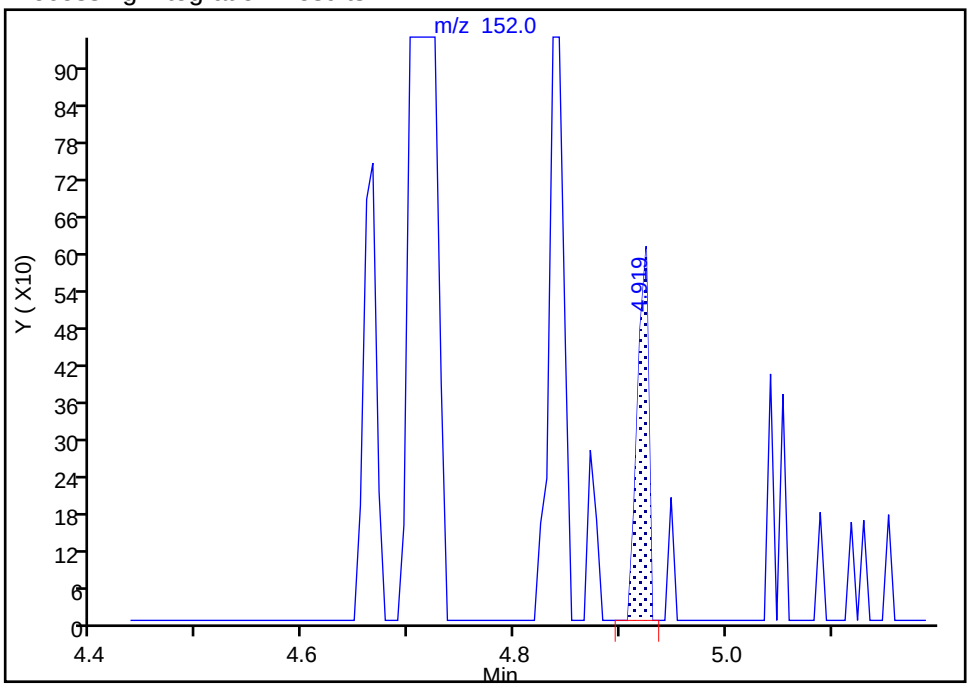
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

* 1 1,4-Dichlorobenzene-d4, CAS: 3855-82-1

Signal: 1

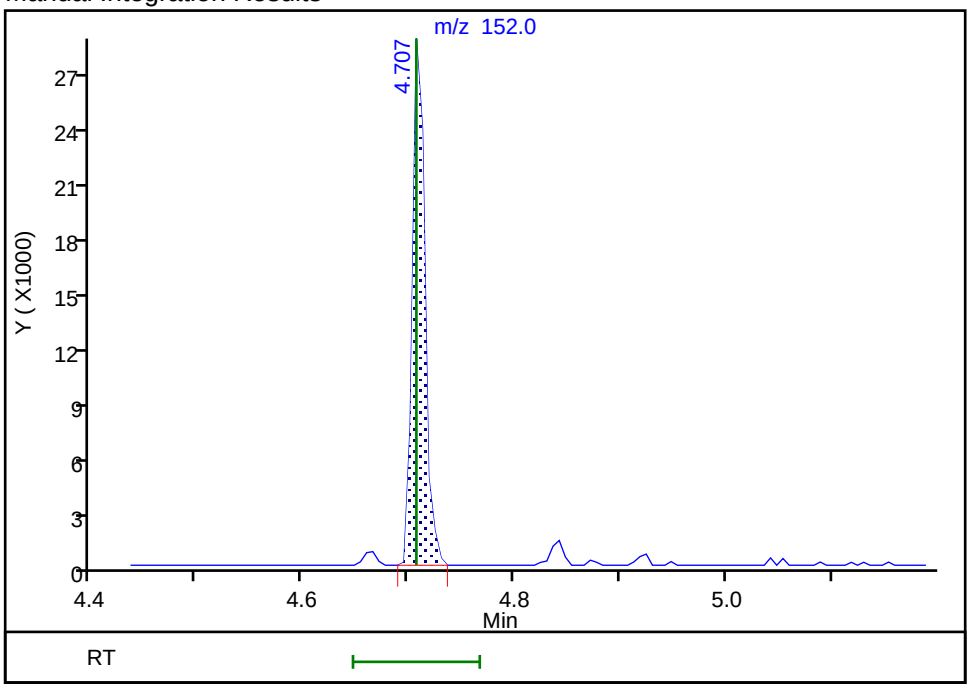
Processing Integration Results

RT: 4.92
Area: 445
Amount: 100.0000
Amount Units: ug/L



Manual Integration Results

RT: 4.71
Area: 23783
Amount: 100.0000
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:36:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

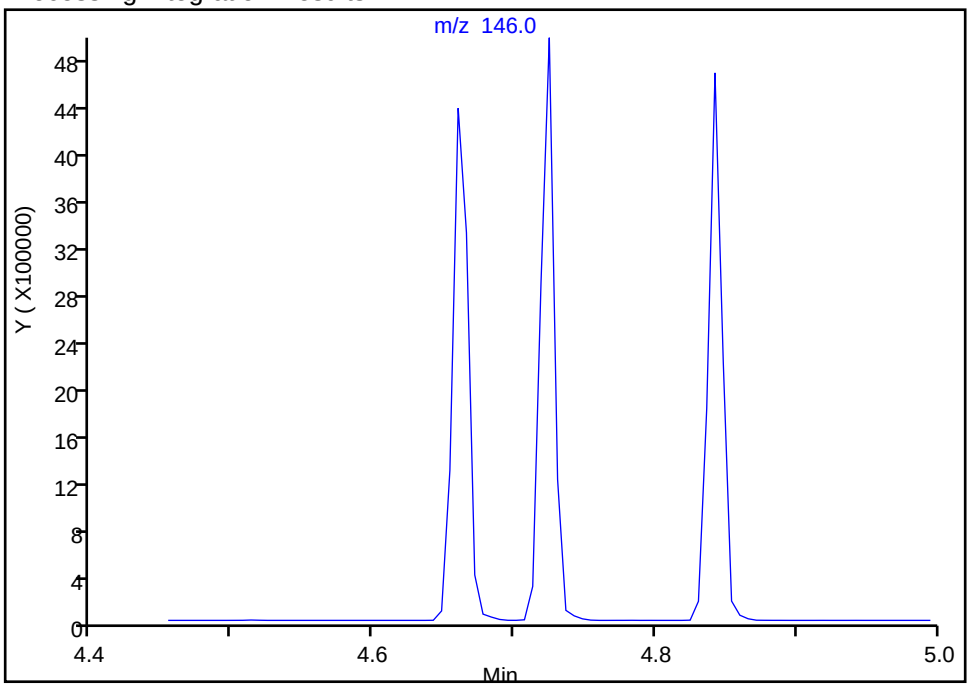
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

23 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

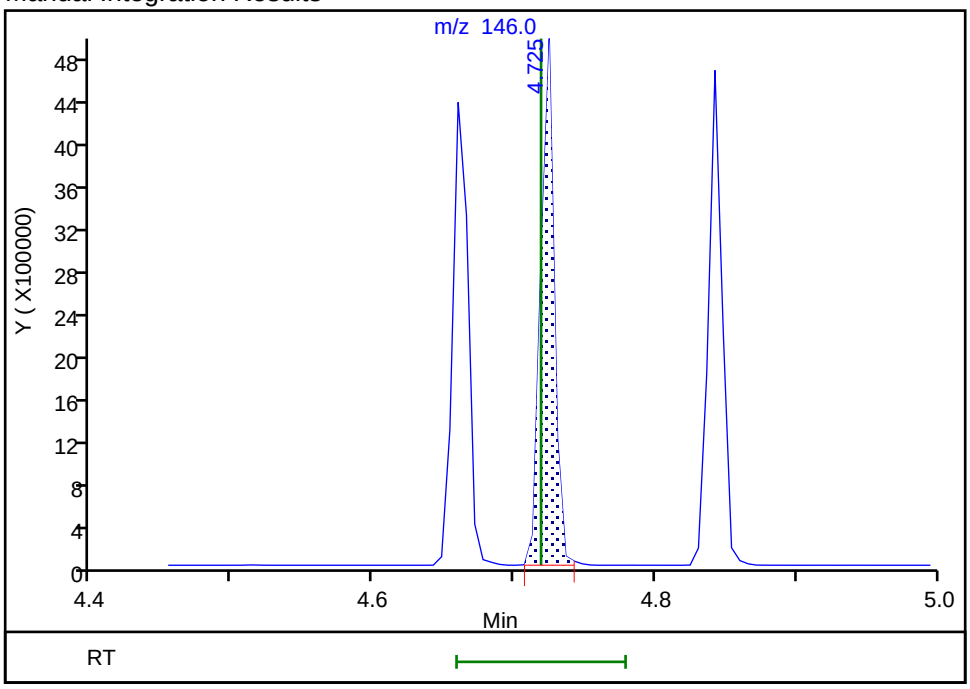
Not Detected
Expected RT: 4.72

Processing Integration Results



Manual Integration Results

RT: 4.72
Area: 3332683
Amount: 9934.5188
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:37:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

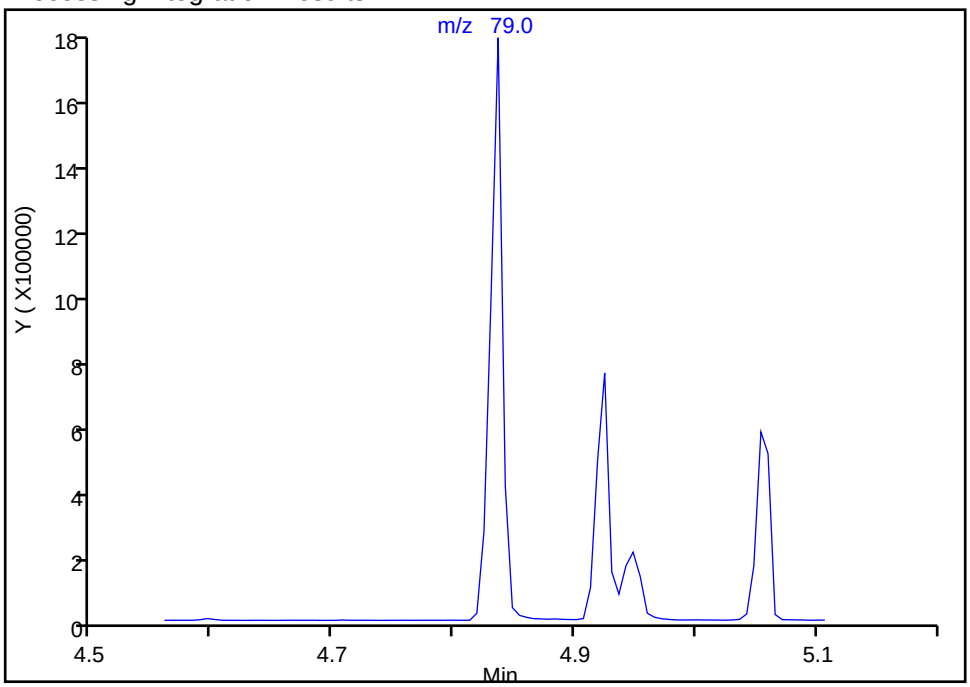
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

27 Benzyl alcohol, CAS: 100-51-6

Signal: 1

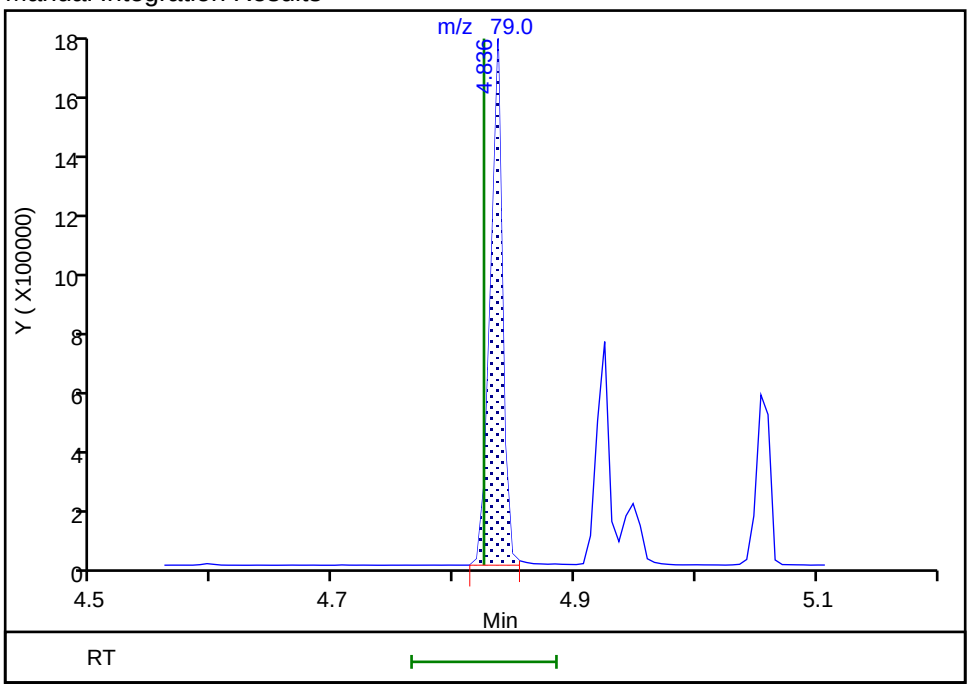
Not Detected
Expected RT: 4.82

Processing Integration Results



Manual Integration Results

RT: 4.84
Area: 1213983
Amount: 10525
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:37:43
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

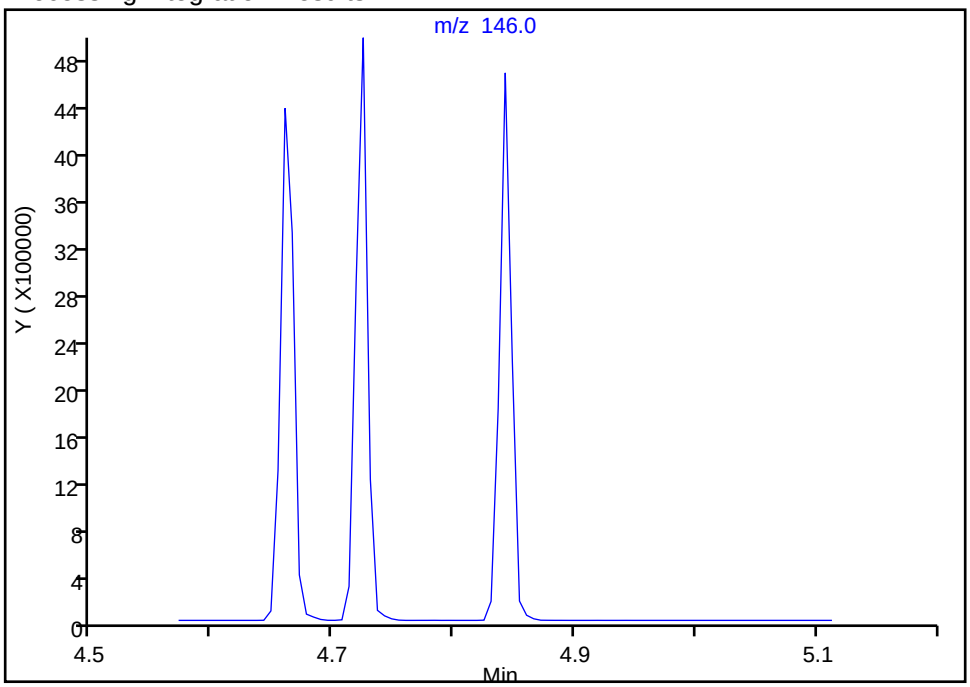
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

24 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

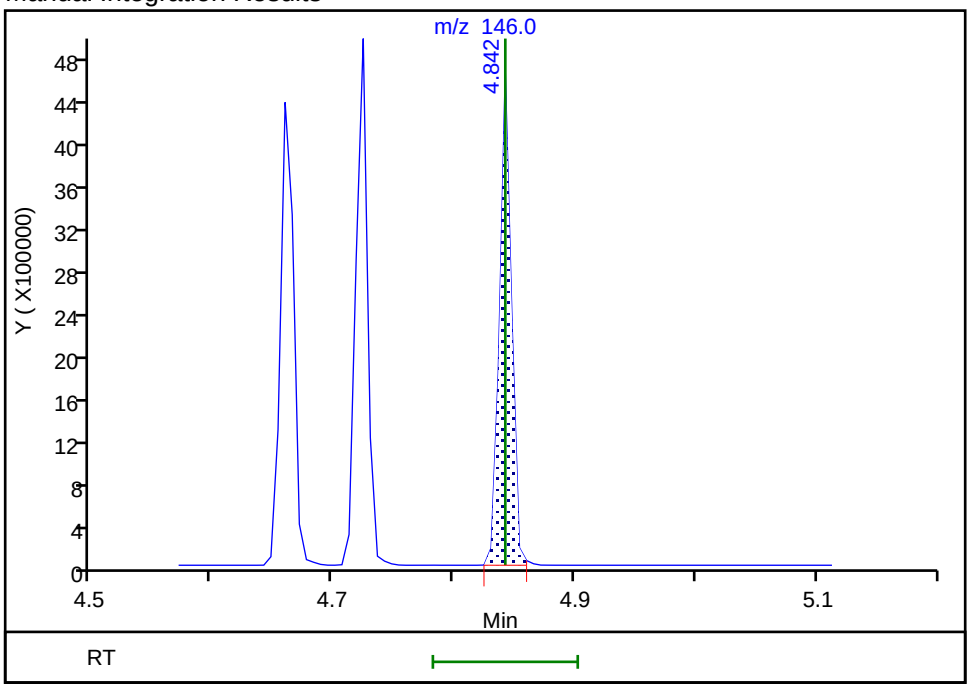
Not Detected
Expected RT: 4.84

Processing Integration Results



Manual Integration Results

RT: 4.84
Area: 3184289
Amount: 9924.4853
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:37:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

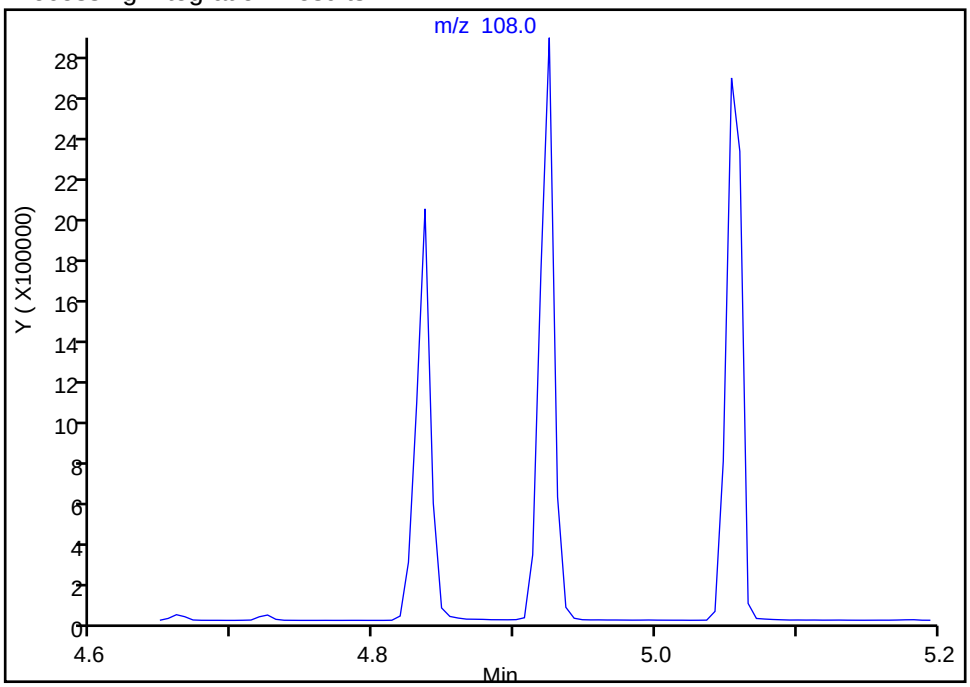
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

28 2-Methylphenol, CAS: 95-48-7

Signal: 1

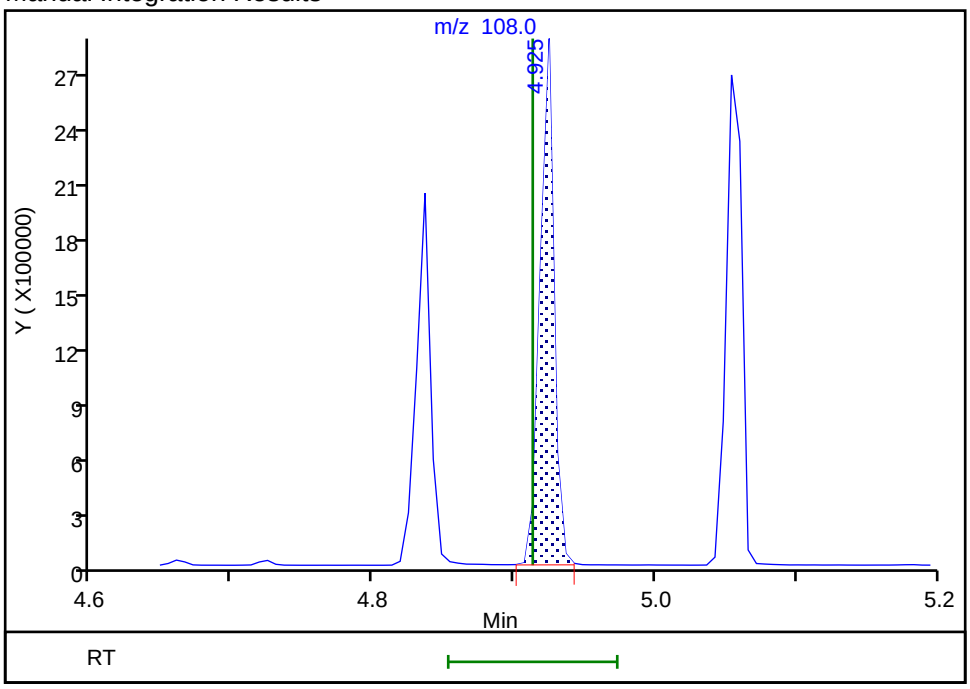
Not Detected
Expected RT: 4.91

Processing Integration Results



Manual Integration Results

RT: 4.92
Area: 1931499
Amount: 9848.0775
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:51:54
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

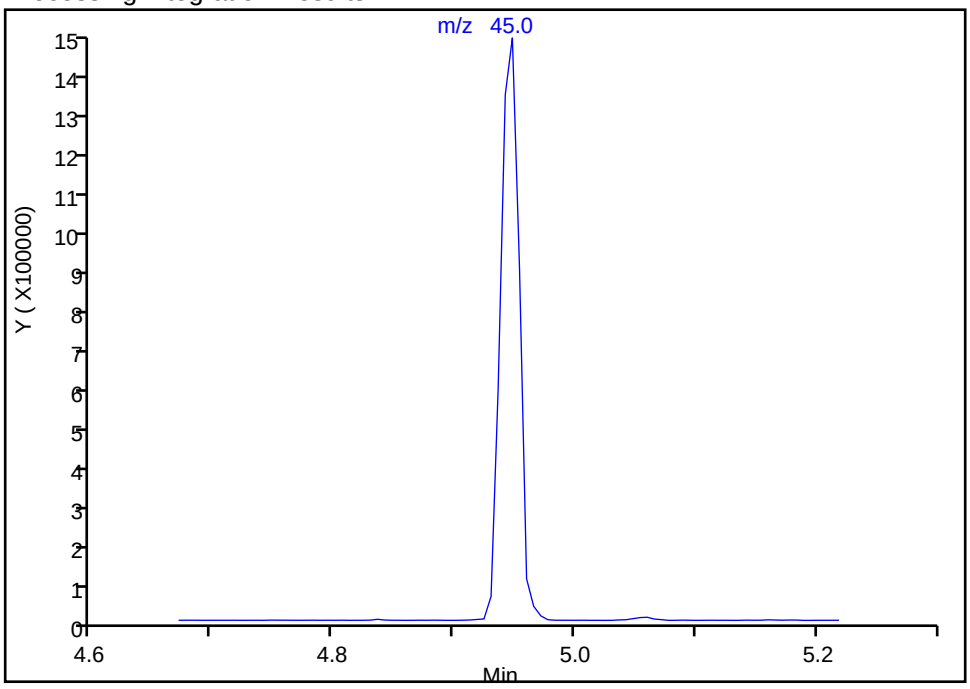
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

25 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

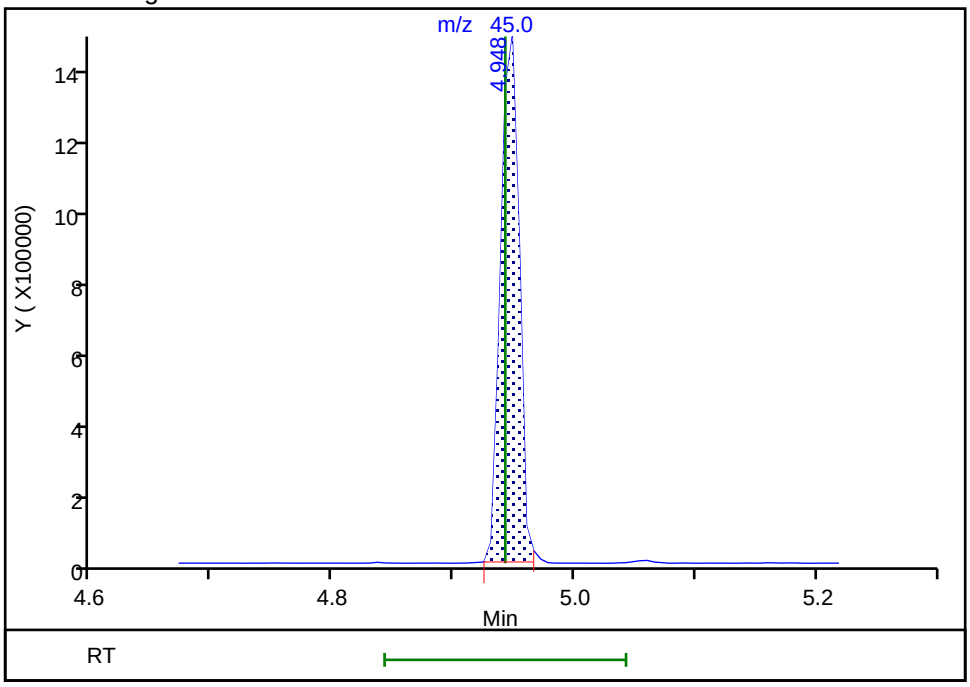
Not Detected
Expected RT: 4.94

Processing Integration Results



Manual Integration Results

RT: 4.95
Area: 1570578
Amount: 9895.9569
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:37:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

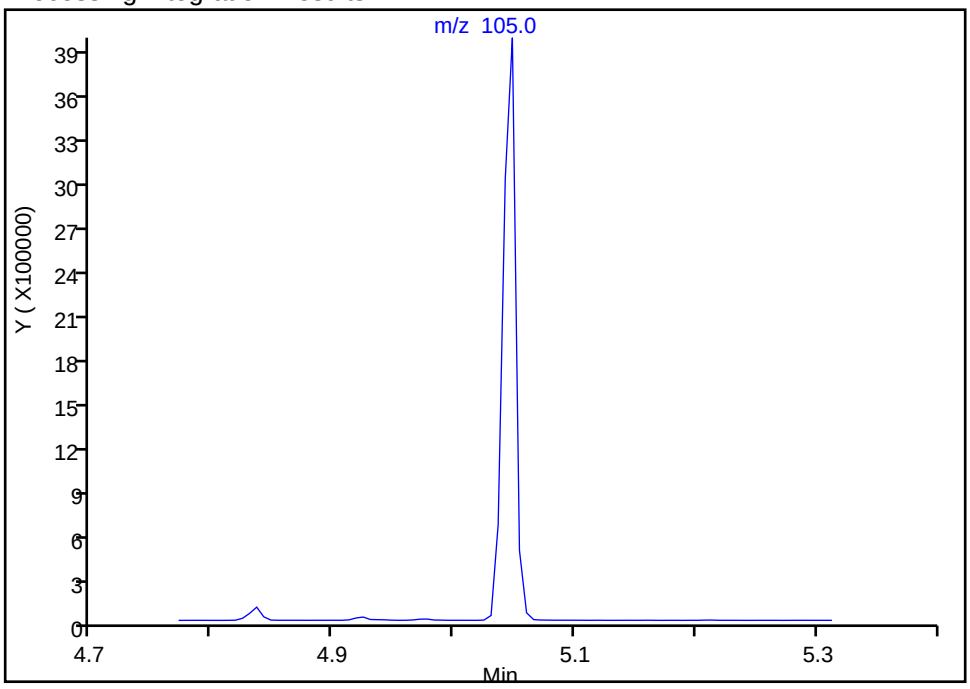
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

29 Acetophenone, CAS: 98-86-2

Signal: 1

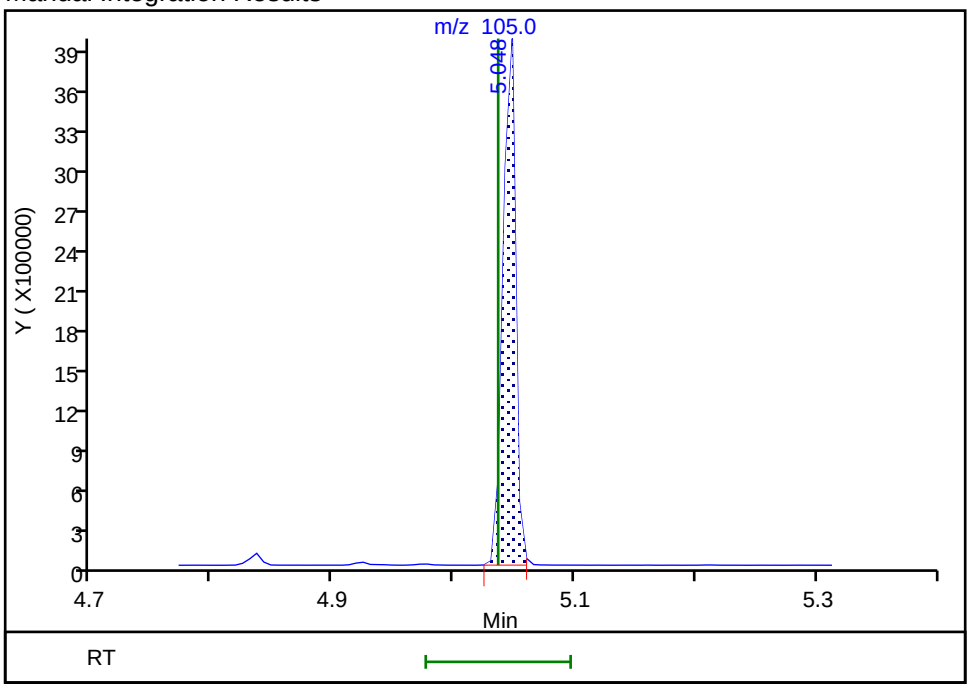
Not Detected
Expected RT: 5.04

Processing Integration Results



Manual Integration Results

RT: 5.05
Area: 2851779
Amount: 9957.2505
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:37:58
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

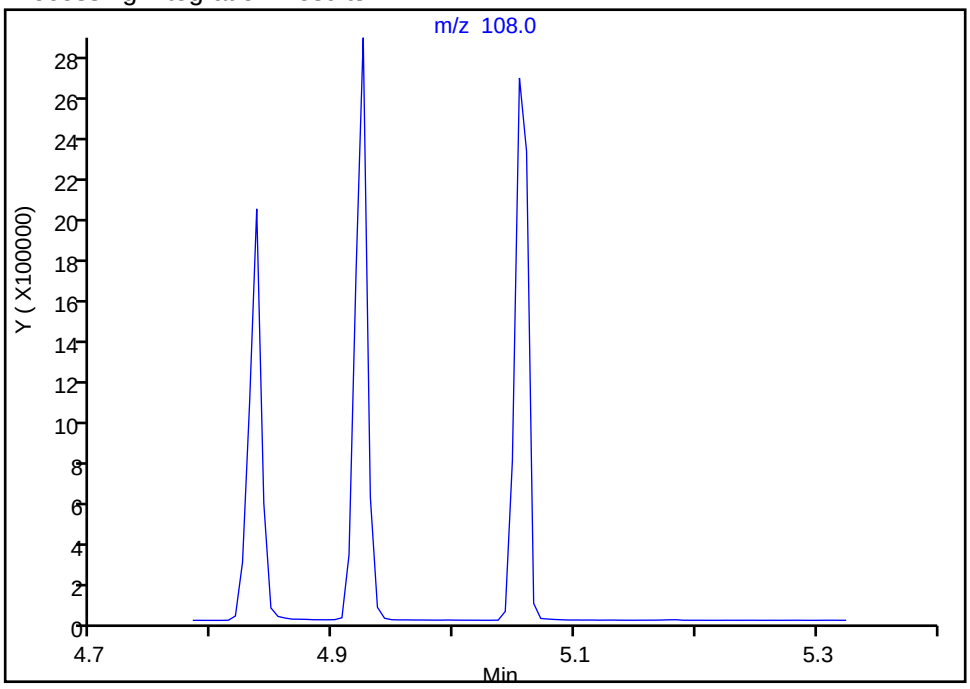
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

32 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

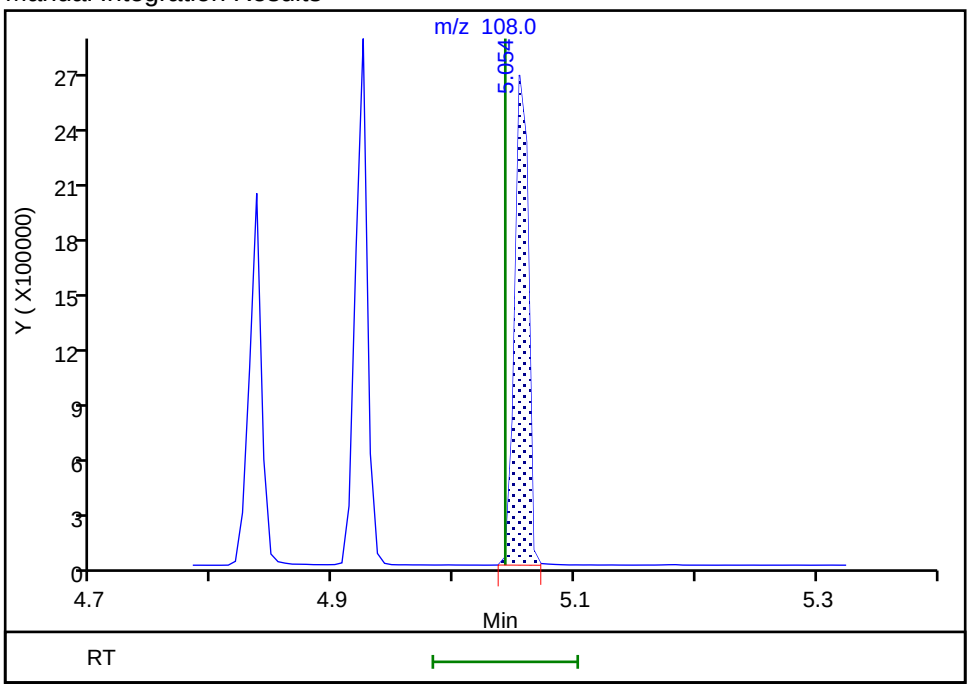
Not Detected
Expected RT: 5.04

Processing Integration Results



Manual Integration Results

RT: 5.05
Area: 2033618
Amount: 10486
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:51:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

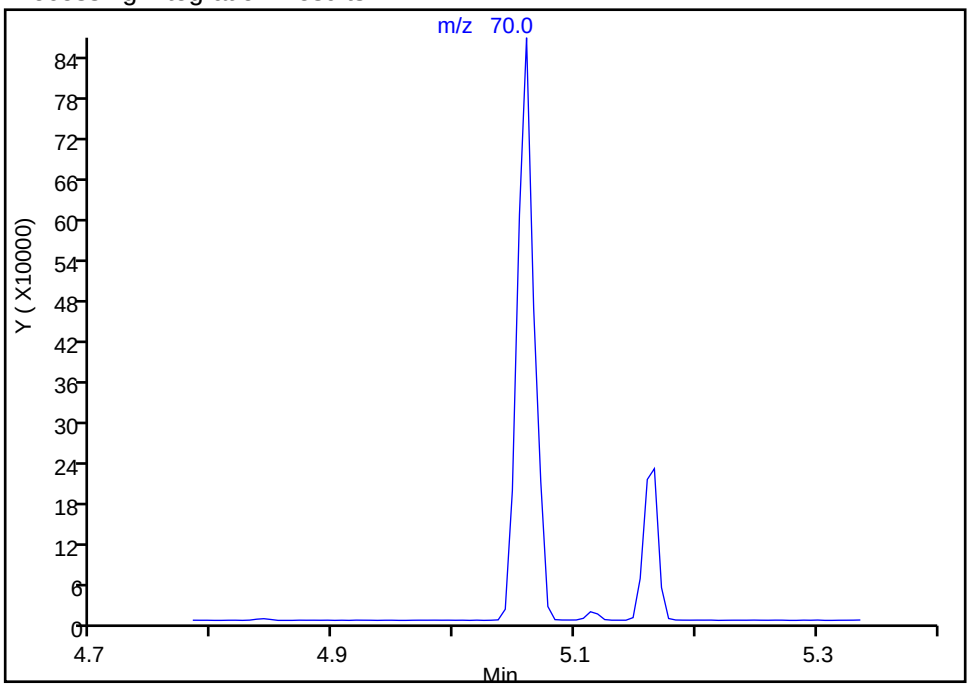
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

30 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

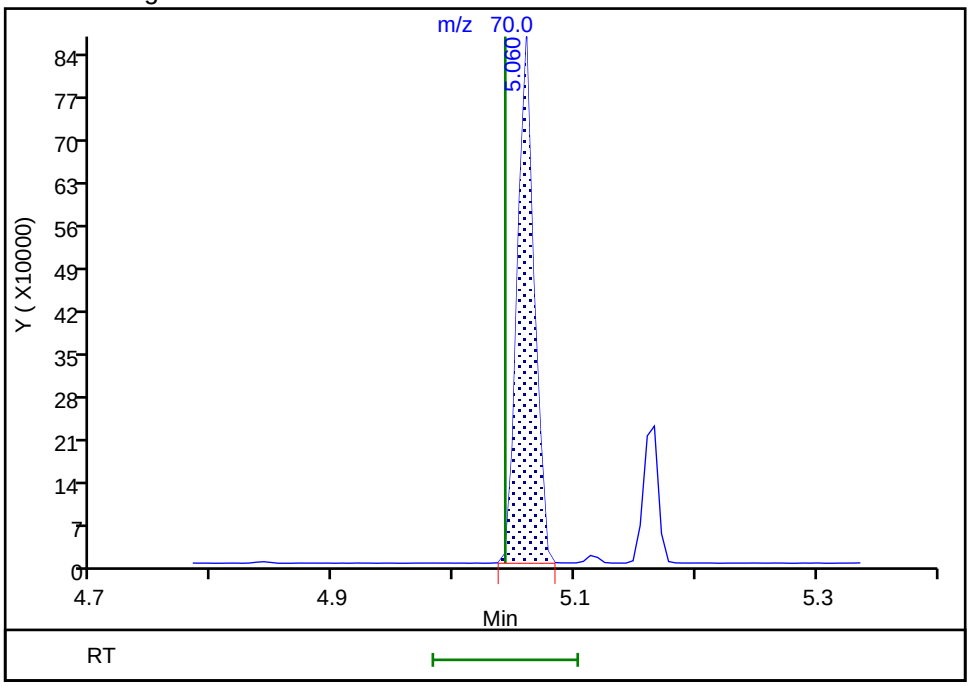
Not Detected
Expected RT: 5.04

Processing Integration Results



Manual Integration Results

RT: 5.06
Area: 840086
Amount: 10662
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:38:05
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

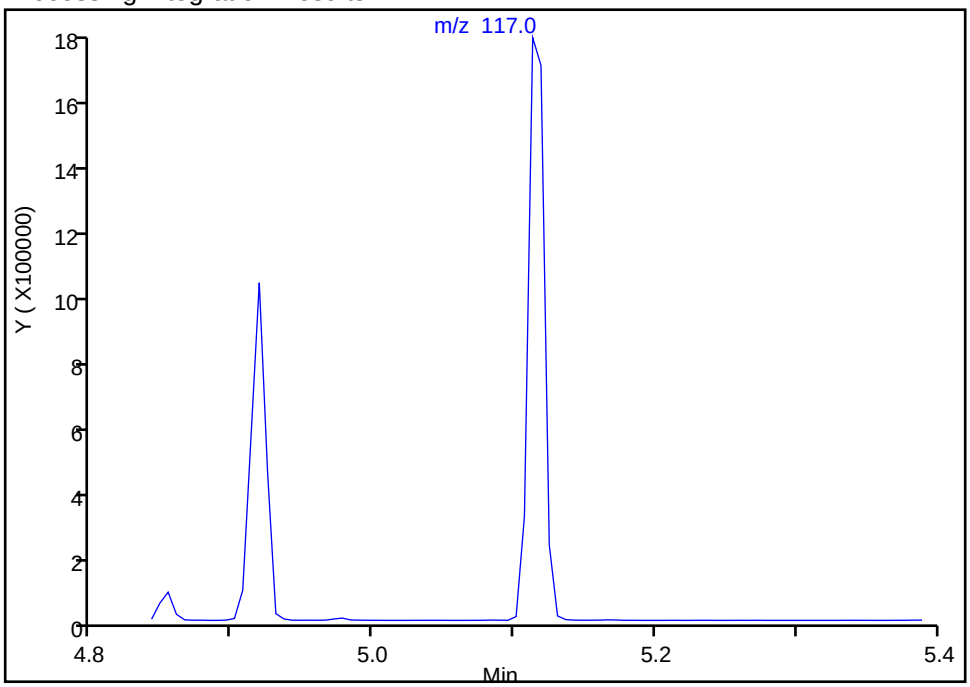
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

31 Hexachloroethane, CAS: 67-72-1

Signal: 1

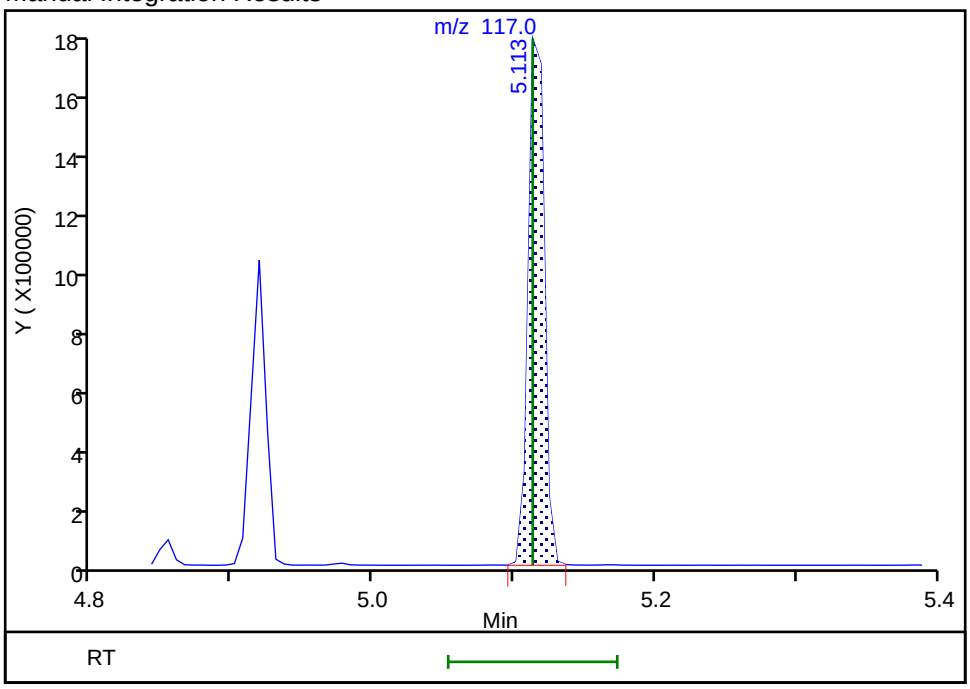
Not Detected
Expected RT: 5.11

Processing Integration Results



Manual Integration Results

RT: 5.11
Area: 1404119
Amount: 10041
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:38:08
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

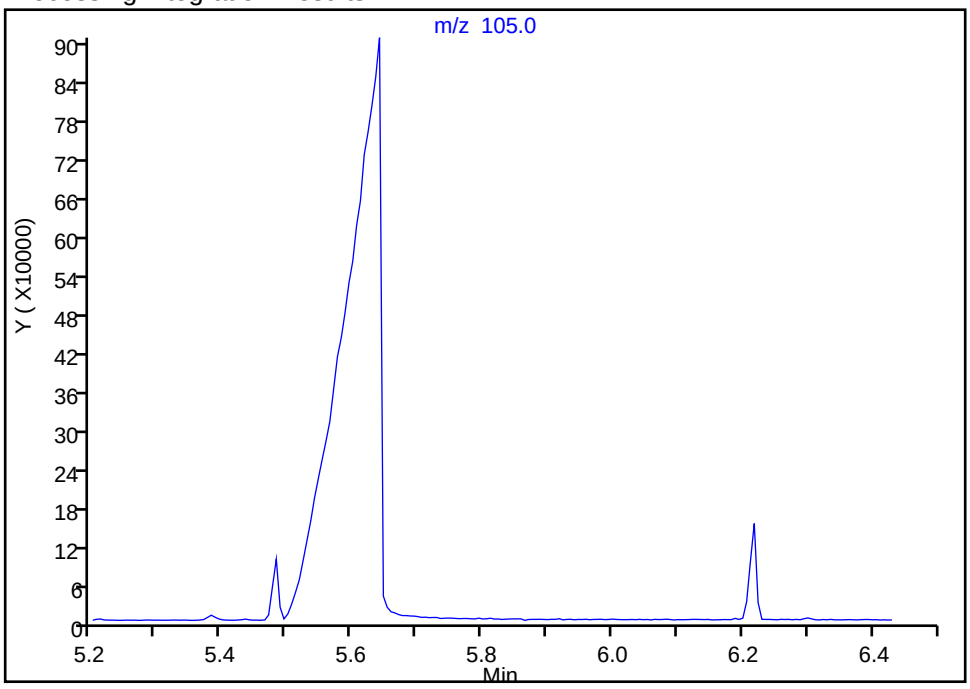
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

36 Benzoic acid, CAS: 65-85-0

Signal: 1

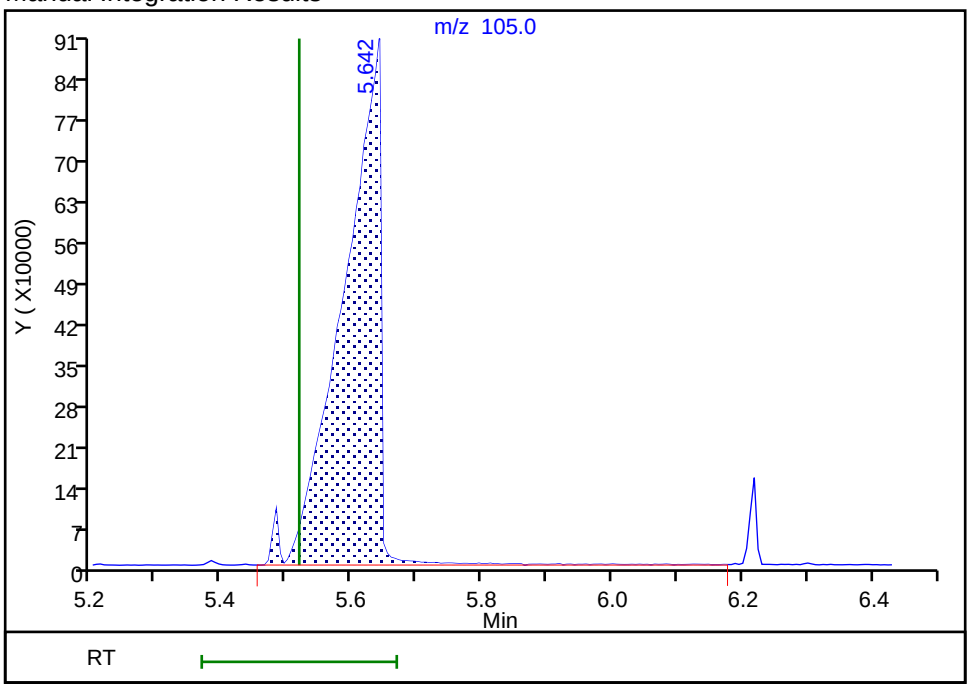
Not Detected
Expected RT: 5.52

Processing Integration Results



Manual Integration Results

RT: 5.64
Area: 3614725
Amount: 19324
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:38:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

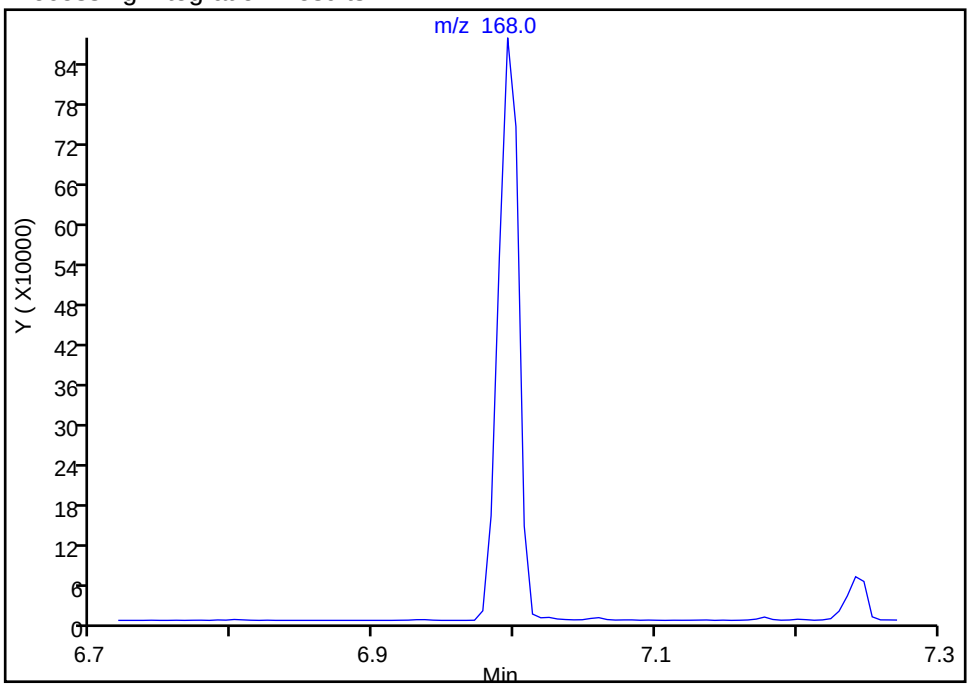
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

56 1,3-Dinitrobenzene, CAS: 99-65-0

Signal: 1

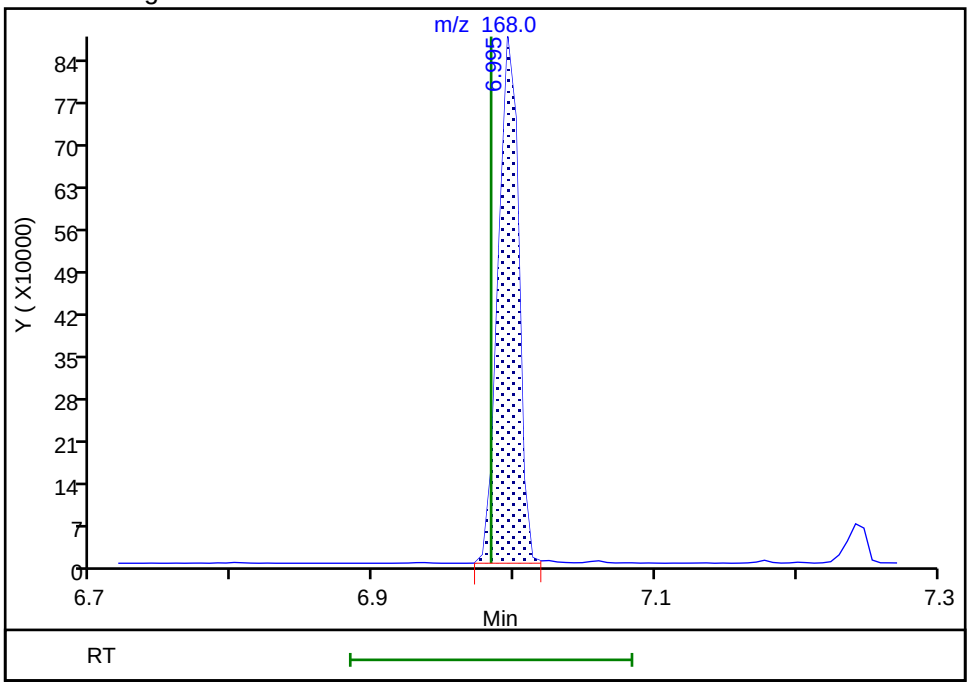
Not Detected
Expected RT: 6.98

Processing Integration Results



Manual Integration Results

RT: 7.00
Area: 875379
Amount: 9725.5565
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:38:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

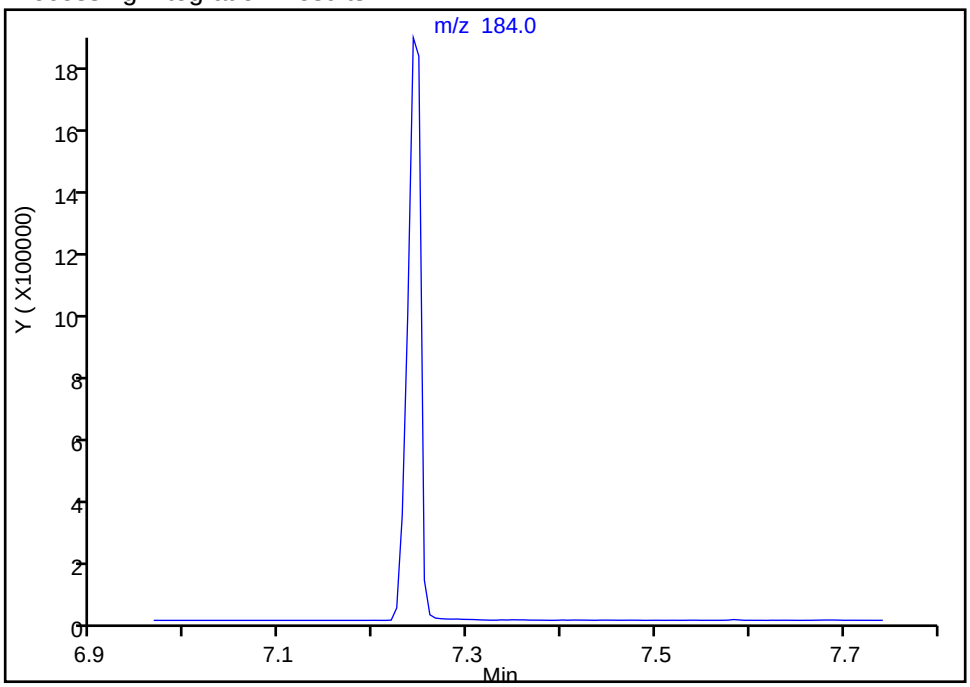
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a007.D
Injection Date: 03-Mar-2022 17:30:30 Instrument ID: TAC040
Lims ID: STD10
Client ID:
Operator ID: tl ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

69 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

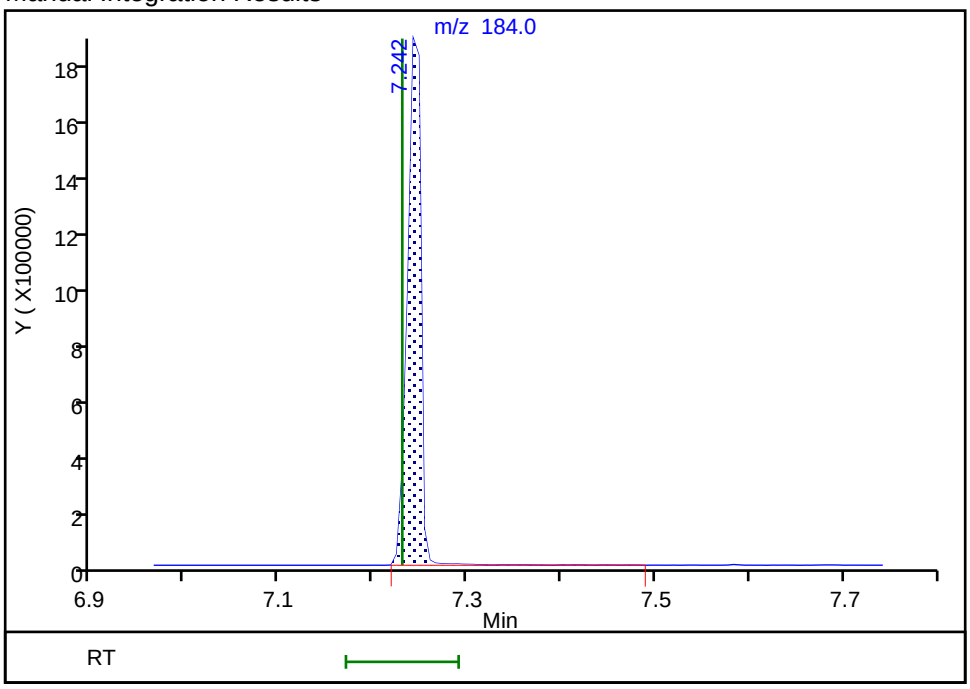
Not Detected
Expected RT: 7.23

Processing Integration Results



Manual Integration Results

RT: 7.24
Area: 1850322
Amount: 19886
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:38:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a008.D
Lims ID: STD9
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 03-Mar-2022 17:53:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 9
Operator ID: tl Instrument ID: TAC040
Sublist: chrom-8270TAC040*sub20

Method: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 08-Mar-2022 14:31:02 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1601

First Level Reviewer: limmere Date: 04-Mar-2022 11:43:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.707	4.707	0.000	87	24210	100.0	100.0	a
* 2 Naphthalene-d8	136	5.736	5.736	0.000	94	85170	100.0	100.0	
* 3 Acenaphthene-d10	164	7.172	7.172	0.000	36	46333	100.0	100.0	
* 4 Phenanthrene-d10	188	8.389	8.389	0.000	93	73269	100.0	100.0	
* 5 Chrysene-d12	240	10.601	10.595	0.006	50	67467	100.0	100.0	
* 6 Perylene-d12	264	12.118	12.112	0.006	94	67778	100.0	100.0	
$ 7 2-Fluorophenol	112	3.649	3.649	0.000	80	1200671	5000.0	5258.2	
$ 8 Phenol-d5	99	4.419	4.413	0.006	98	1275859	5000.0	5296.9	
$ 9 Nitrobenzene-d5	82	5.160	5.154	0.006	80	871362	5000.0	5326.0	
$ 10 2-Fluorobiphenyl	172	6.630	6.630	0.000	99	2999713	5000.0	5068.6	
$ 11 2,4,6-Tribromophenol	330	7.825	7.819	0.005	84	803350	5000.0	5229.4	
$ 12 Terphenyl-d14	244	9.719	9.713	0.005	99	3013103	5000.0	5609.5	
15 N-Nitrosodimethylamine	74	2.520	2.525	-0.005	90	393996	5000.0	5286.1	
16 Pyridine	79	2.531	2.536	-0.005	96	1524673	10000	10959	
18 Phenol	94	4.431	4.425	0.006	93	1165725	5000.0	5085.2	
17 Aniline	93	4.448	4.442	0.006	96	1383962	5000.0	5250.2	a
19 Bis(2-chloroethyl)ether	93	4.507	4.507	0.000	95	882411	5000.0	5013.8	a
20 2-Chlorophenol	128	4.536	4.531	0.005	54	1512759	5000.0	5396.1	
21 n-Decane	57	4.595	4.595	0.000	91	593027	5000.0	5121.3	
22 1,3-Dichlorobenzene	146	4.660	4.660	0.000	94	1721786	5000.0	5076.0	
23 1,4-Dichlorobenzene	146	4.725	4.719	0.006	97	1754537	5000.0	5137.4	
27 Benzyl alcohol	79	4.831	4.825	0.006	93	626697	5000.0	5337.4	
24 1,2-Dichlorobenzene	146	4.842	4.842	0.000	96	1675310	5000.0	5129.4	
28 2-Methylphenol	108	4.919	4.913	0.006	54	1022494	5000.0	5121.4	a
25 2,2'-oxybis[1-chloropropane]	45	4.948	4.942	0.006	48	822351	5000.0	5089.2	a
29 Acetophenone	105	5.042	5.036	0.006	93	1464254	5000.0	5022.4	
32 3 & 4 Methylphenol	108	5.048	5.042	0.006	95	1026340	5000.0	5198.8	a
30 N-Nitrosodi-n-propylamine	70	5.054	5.042	0.012	72	437202	5000.0	5451.2	
31 Hexachloroethane	117	5.113	5.113	0.000	90	716878	5000.0	5036.3	
33 Nitrobenzene	77	5.178	5.172	0.006	71	757057	5000.0	5210.1	
34 Isophorone	82	5.378	5.372	0.006	97	1428952	5000.0	5060.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
35 2-Nitrophenol	139	5.431	5.430	0.001	78	817382	5000.0	5679.0	
37 2,4-Dimethylphenol	107	5.478	5.472	0.006	89	1102951	5000.0	5214.3	
36 Benzoic acid	105	5.601	5.519	0.082	80	1744475	10000	10683	
38 Bis(2-chloroethoxy)methane	93	5.560	5.560	0.000	92	1111614	5000.0	5077.9	
39 2,4-Dichlorophenol	162	5.625	5.619	0.006	79	1253004	5000.0	5370.9	
40 1,2,4-Trichlorobenzene	180	5.695	5.695	0.000	92	1460102	5000.0	5135.4	
41 Naphthalene	128	5.760	5.754	0.006	95	3885639	5000.0	4979.5	
42 2,6-Dichlorophenol	162	5.813	5.807	0.006	90	1255707	5000.0	5288.4	
43 4-Chloroaniline	127	5.807	5.807	0.000	84	1704020	5000.0	5534.1	
44 Hexachlorobutadiene	225	5.866	5.860	0.006	91	886431	5000.0	5292.3	
45 4-Chloro-3-methylphenol	107	6.213	6.201	0.012	80	900410	5000.0	5698.4	
46 2-Methylnaphthalene	142	6.325	6.325	0.000	80	2547579	5000.0	5214.2	
47 1-Methylnaphthalene	142	6.401	6.401	0.000	91	2486694	5000.0	5188.9	
48 Hexachlorocyclopentadiene	237	6.454	6.454	0.000	84	1139402	5000.0	5099.3	
49 1,2,4,5-Tetrachlorobenzene	216	6.460	6.454	0.006	94	1524939	5000.0	5061.7	
50 2,4,6-Trichlorophenol	196	6.554	6.554	0.000	85	1006391	5000.0	5537.6	
51 2,4,5-Trichlorophenol	196	6.583	6.577	0.006	92	1038393	5000.0	5197.1	
52 1,1'-Biphenyl	154	6.713	6.707	0.006	94	3087408	5000.0	4948.1	
53 2-Chloronaphthalene	162	6.719	6.719	0.000	94	2653296	5000.0	5120.8	
54 2-Nitroaniline	138	6.813	6.807	0.006	87	895886	5000.0	5448.1	
55 Dimethyl phthalate	163	6.978	6.972	0.006	98	2763428	5000.0	5034.1	
56 1,3-Dinitrobenzene	168	6.989	6.983	0.006	89	434684	5000.0	5234.7	
57 2,6-Dinitrotoluene	165	7.019	7.013	0.006	66	662673	5000.0	5076.3	
58 Acenaphthylene	152	7.060	7.054	0.006	96	3939466	5000.0	5257.4	
59 3-Nitroaniline	138	7.148	7.142	0.006	78	663599	5000.0	5132.6	
60 Acenaphthene	153	7.201	7.201	0.000	93	2606123	5000.0	5091.5	
69 2,4-Dinitrophenol	184	7.236	7.230	0.006	56	899581	10000	10260	
63 4-Nitrophenol	109	7.295	7.283	0.012	70	610034	10000	10225	
62 2,4-Dinitrotoluene	165	7.348	7.336	0.012	58	859602	5000.0	5244.3	
61 Dibenzofuran	168	7.348	7.342	0.006	92	3543099	5000.0	5187.4	
64 2,3,5,6-Tetrachlorophenol	232	7.413	7.407	0.006	88	850145	5000.0	5172.1	
65 2,3,4,6-Tetrachlorophenol	232	7.448	7.442	0.006	67	907992	5000.0	5178.5	
66 Diethyl phthalate	149	7.560	7.554	0.006	96	2909224	5000.0	5025.0	
67 Fluorene	166	7.625	7.624	0.001	83	2868967	5000.0	5286.8	
68 4-Chlorophenyl phenyl ether	204	7.636	7.636	0.000	85	1364219	5000.0	5227.3	
70 4-Nitroaniline	138	7.654	7.642	0.012	33	369753	5000.0	5060.5	
73 4,6-Dinitro-2-methylphenol	198	7.677	7.666	0.011	86	1009897	10000	10819	
71 N-Nitrosodiphenylamine	169	7.736	7.730	0.006	59	1896917	5000.0	5440.4	
72 Azobenzene	77	7.766	7.760	0.006	93	1538483	5000.0	5073.9	
74 4-Bromophenyl phenyl ether	248	8.036	8.036	0.000	51	923397	5000.0	5434.8	
75 Hexachlorobenzene	284	8.072	8.066	0.006	89	1302617	5000.0	5376.6	
76 Atrazine	200	8.189	8.177	0.012	89	719578	5000.0	5414.0	
77 Pentachlorophenol	266	8.236	8.230	0.006	93	1573140	10000	10672	
78 n-Octadecane	43	8.342	8.342	0.000	95	605246	5000.0	5060.4	
79 Phenanthrene	178	8.413	8.407	0.006	96	3979039	5000.0	5291.2	
80 Anthracene	178	8.454	8.448	0.006	96	3956688	5000.0	5450.7	
81 Carbazole	167	8.589	8.583	0.006	82	2246566	5000.0	4451.2	
83 Di-n-butyl phthalate	149	8.907	8.901	0.006	98	5107635	5000.0	5528.6	
84 Fluoranthene	202	9.389	9.383	0.006	96	4318993	5000.0	5771.8	
85 Benzidine	184	9.513	9.507	0.006	99	2348334	10000	10943	
86 Pyrene	202	9.571	9.566	0.005	98	4488013	5000.0	5823.9	
87 Butyl benzyl phthalate	149	10.136	10.130	0.006	87	2222127	5000.0	5636.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
91 3,3'-Dichlorobenzidine	252	10.589	10.577	0.012	57	2817641	10000	10553	
89 Benzo[a]anthracene	228	10.589	10.589	0.000	99	4177228	5000.0	5421.7	
90 Chrysene	228	10.624	10.618	0.006	93	3900273	5000.0	4796.7	
92 Bis(2-ethylhexyl) phthalate	149	10.665	10.665	0.000	87	3171521	5000.0	5738.3	
93 Di-n-octyl phthalate	149	11.342	11.336	0.006	96	5298347	5000.0	5539.7	
94 Benzo[b]fluoranthene	252	11.695	11.683	0.012	95	4278029	5000.0	5665.5	
95 Benzofluoranthene	252	11.724	11.683	0.041	100	8297540	10000	10791	
96 Benzo[k]fluoranthene	252	11.724	11.718	0.006	98	4279320	5000.0	5305.5	
97 Benzo[a]pyrene	252	12.060	12.048	0.012	78	3714042	5000.0	5486.1	
98 Indeno[1,2,3-cd]pyrene	276	13.389	13.371	0.018	97	3993804	5000.0	5356.7	
99 Dibenz(a,h)anthracene	278	13.424	13.412	0.012	77	4188732	5000.0	5683.6	
100 Benzo[g,h,i]perylene	276	13.706	13.683	0.023	95	4538253	5000.0	5549.2	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8270_ic_stk_00062	Amount Added: 50.00	Units: uL
8270SIM_IS_00069	Amount Added: 10.00	Units: uL

Report Date: 08-Mar-2022 14:31:03 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a008.D

Injection Date: 03-Mar-2022 17:53:30 Instrument ID: TAC040

Lims ID: STD9

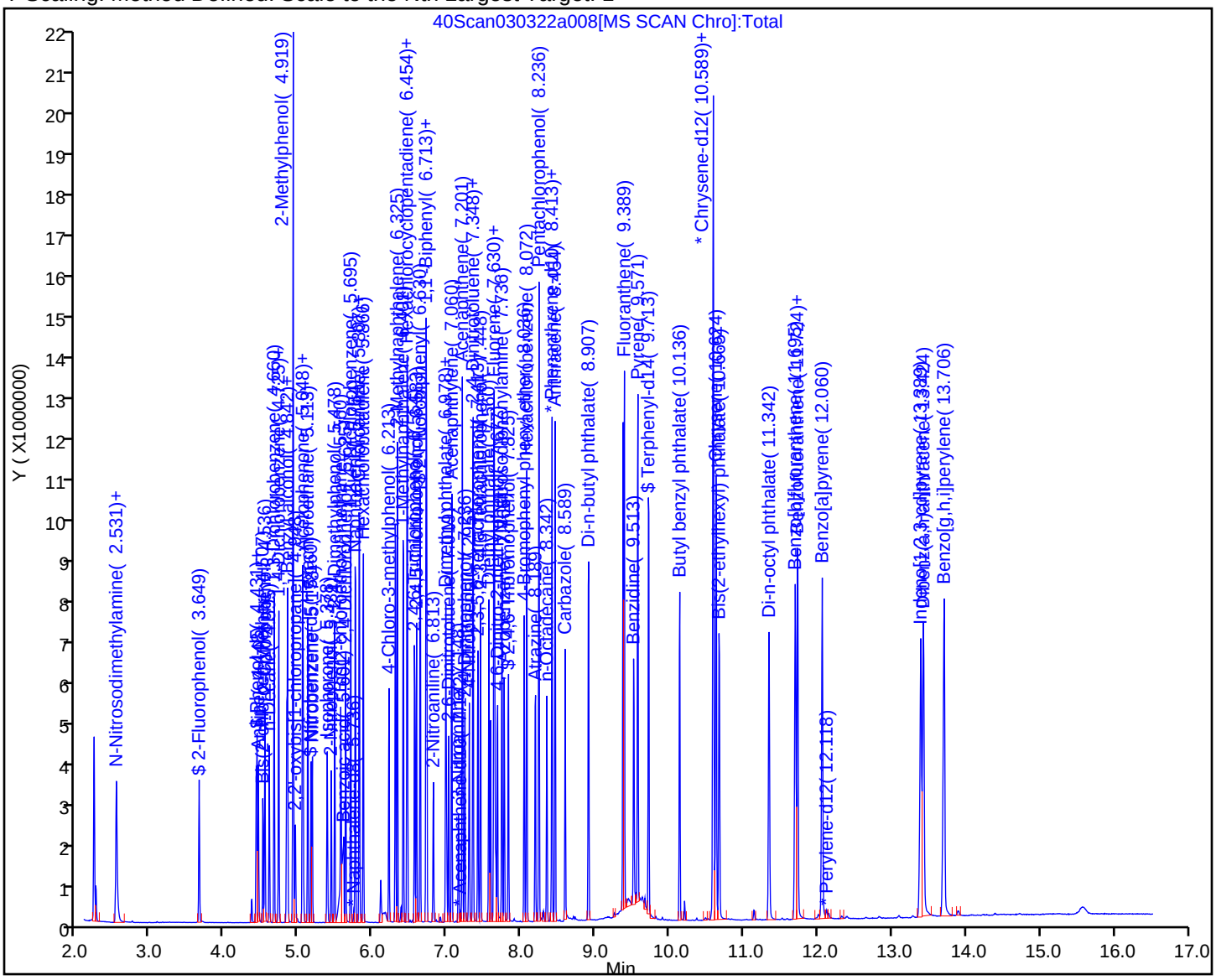
Client ID:

Operator ID: tl ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

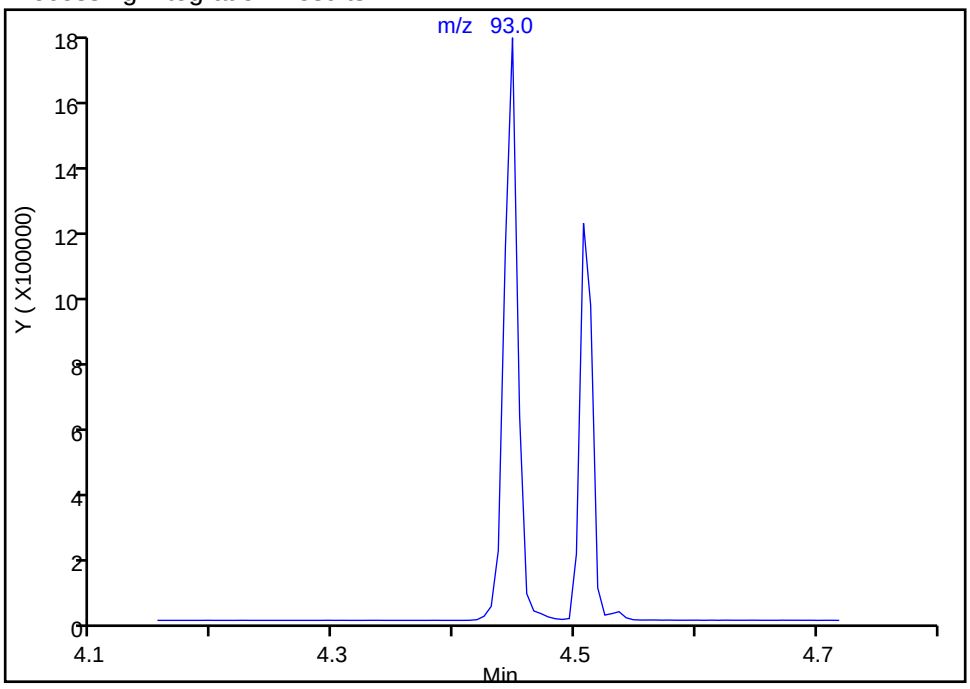
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a008.D
Injection Date: 03-Mar-2022 17:53:30 Instrument ID: TAC040
Lims ID: STD9
Client ID:
Operator ID: tl ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

17 Aniline, CAS: 62-53-3

Signal: 1

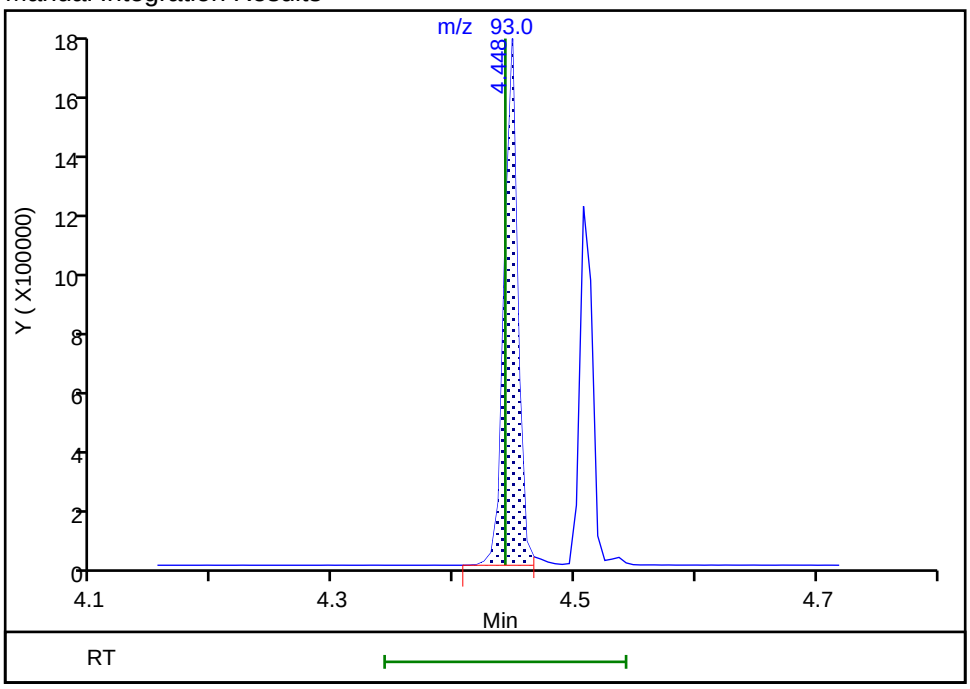
Not Detected
Expected RT: 4.44

Processing Integration Results



Manual Integration Results

RT: 4.45
Area: 1383962
Amount: 5250.2282
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:39:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

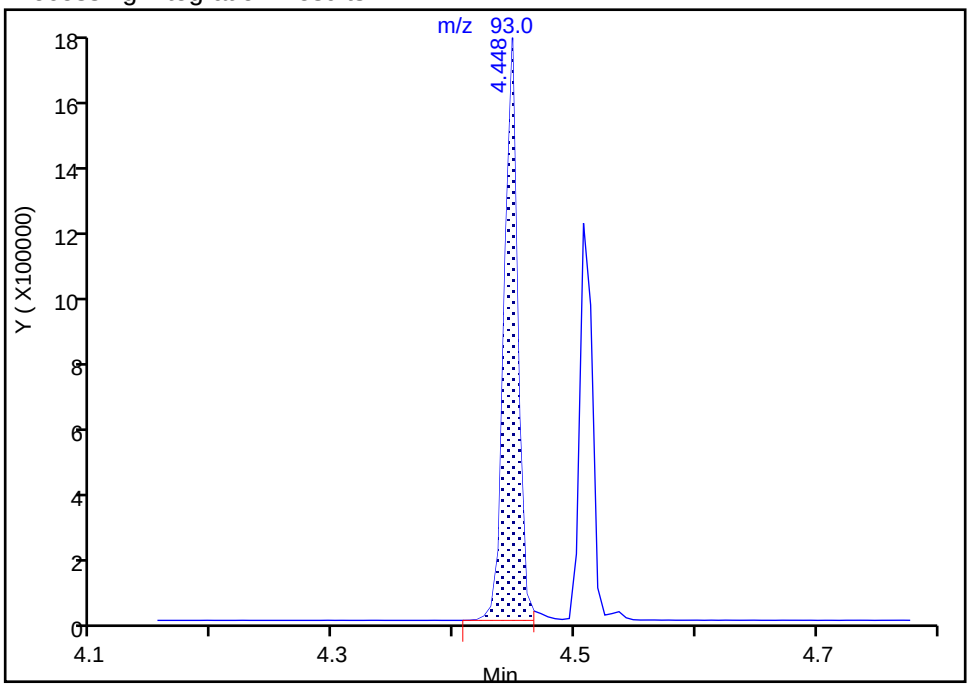
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a008.D
Injection Date: 03-Mar-2022 17:53:30 Instrument ID: TAC040
Lims ID: STD9
Client ID:
Operator ID: tl ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

19 Bis(2-chloroethyl)ether, CAS: 111-44-4

Signal: 1

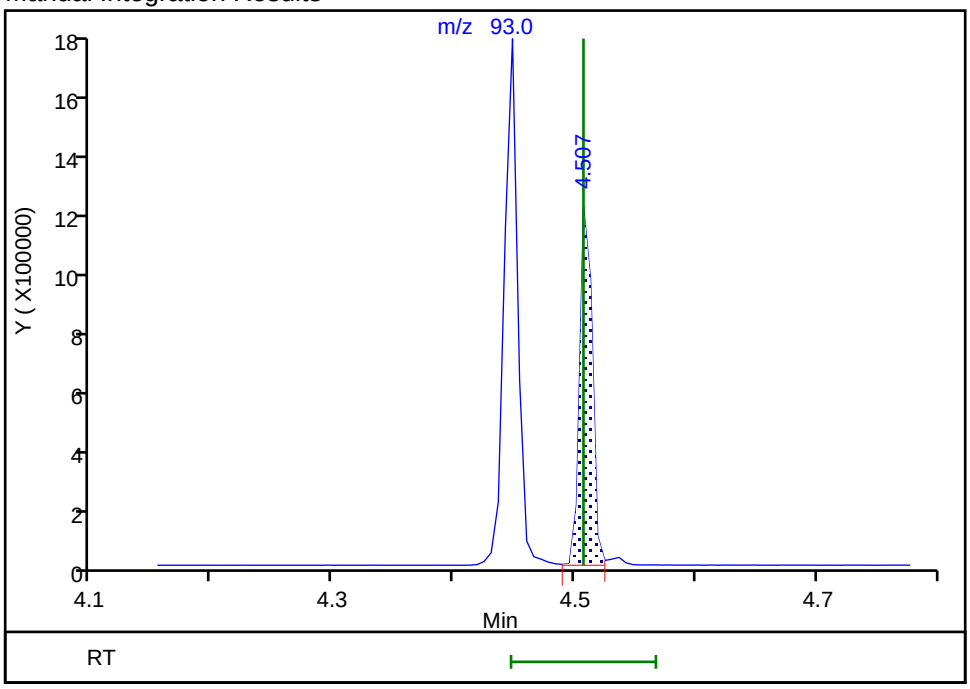
Processing Integration Results

RT: 4.45
Area: 1383962
Amount: 7393.7203
Amount Units: ug/L



Manual Integration Results

RT: 4.51
Area: 882411
Amount: 5013.7986
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:39:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

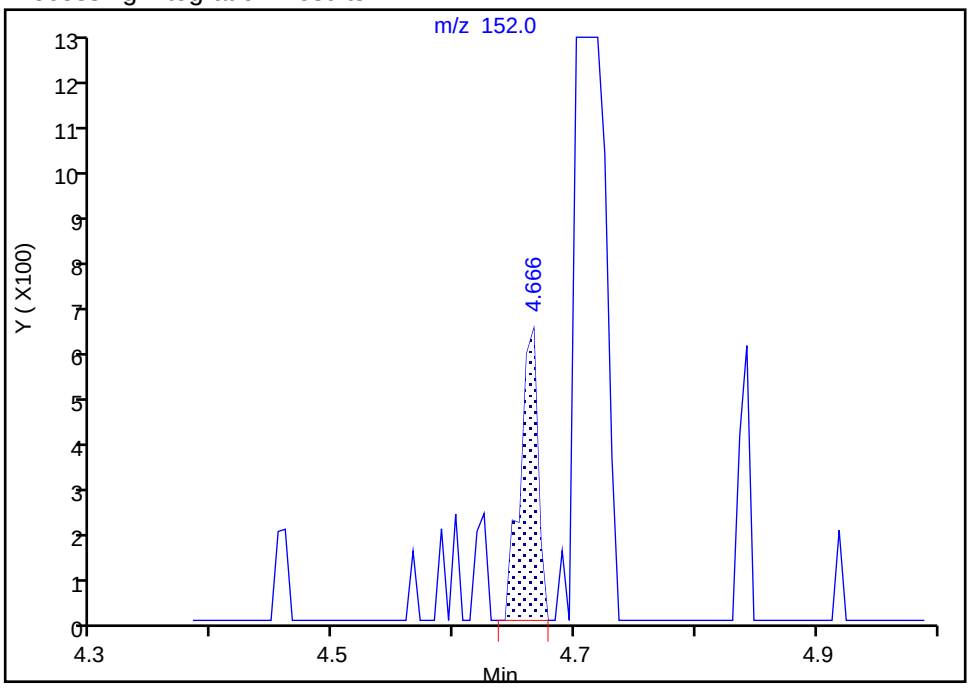
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a008.D
Injection Date: 03-Mar-2022 17:53:30 Instrument ID: TAC040
Lims ID: STD9
Client ID:
Operator ID: tl ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

* 1 1,4-Dichlorobenzene-d4, CAS: 3855-82-1

Signal: 1

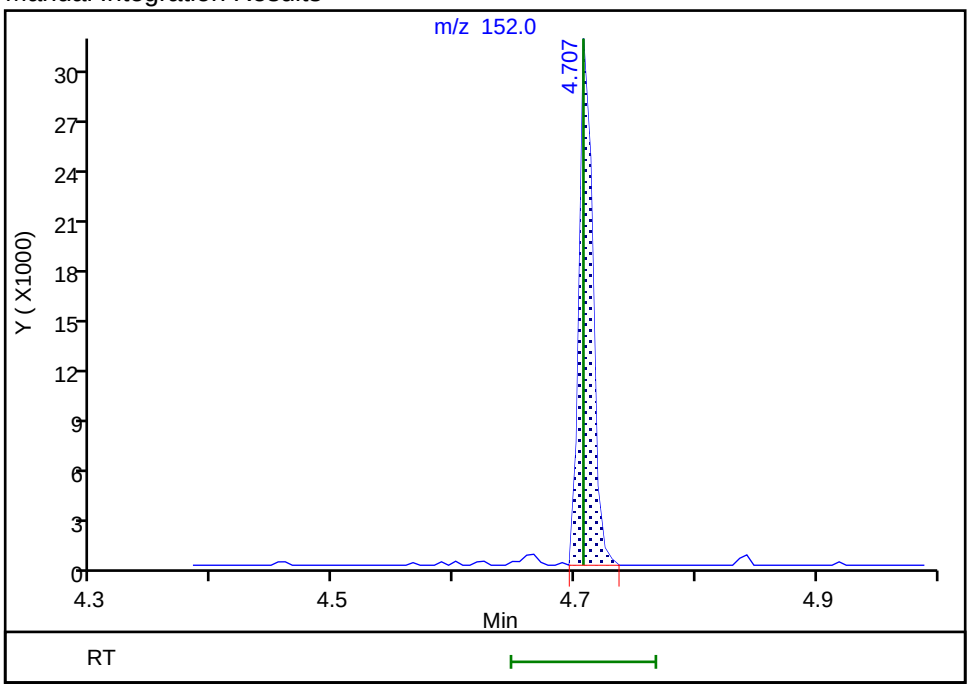
Processing Integration Results

RT: 4.67
Area: 656
Amount: 100.0000
Amount Units: ug/L



Manual Integration Results

RT: 4.71
Area: 24210
Amount: 100.0000
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:39:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

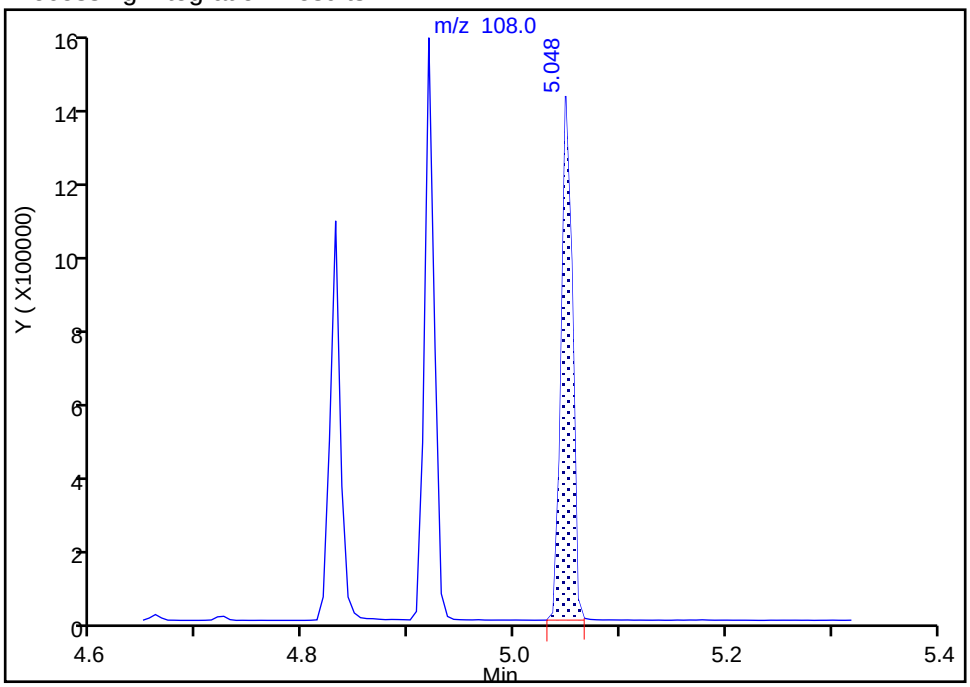
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a008.D
Injection Date: 03-Mar-2022 17:53:30 Instrument ID: TAC040
Lims ID: STD9
Client ID:
Operator ID: tl ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

28 2-Methylphenol, CAS: 95-48-7

Signal: 1

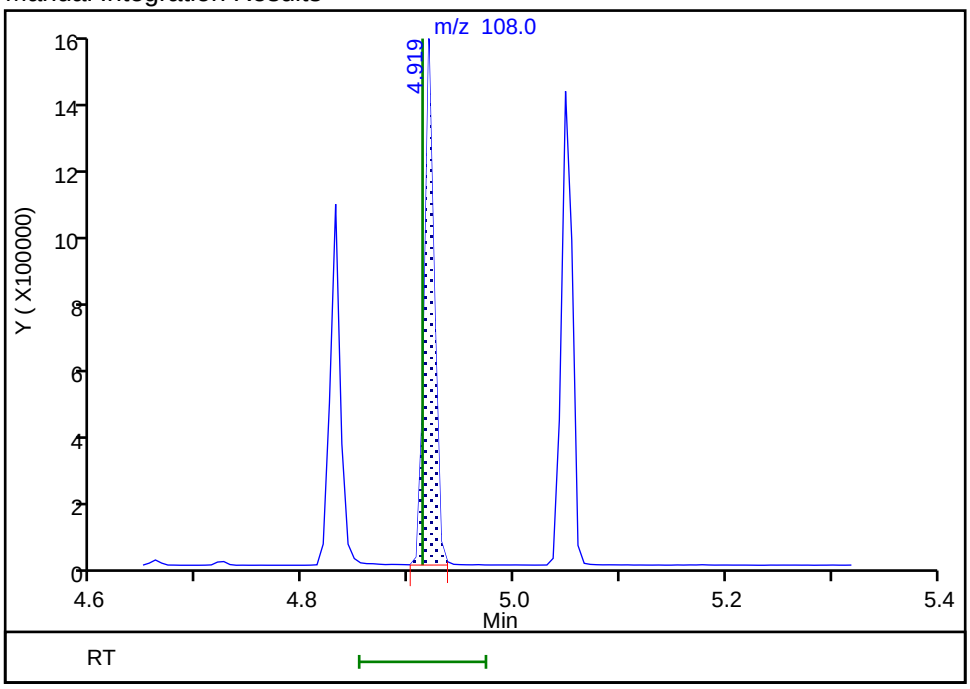
Processing Integration Results

RT: 5.05
Area: 1026340
Amount: 5226.3349
Amount Units: ug/L



Manual Integration Results

RT: 4.92
Area: 1022494
Amount: 5121.4105
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 14:04:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

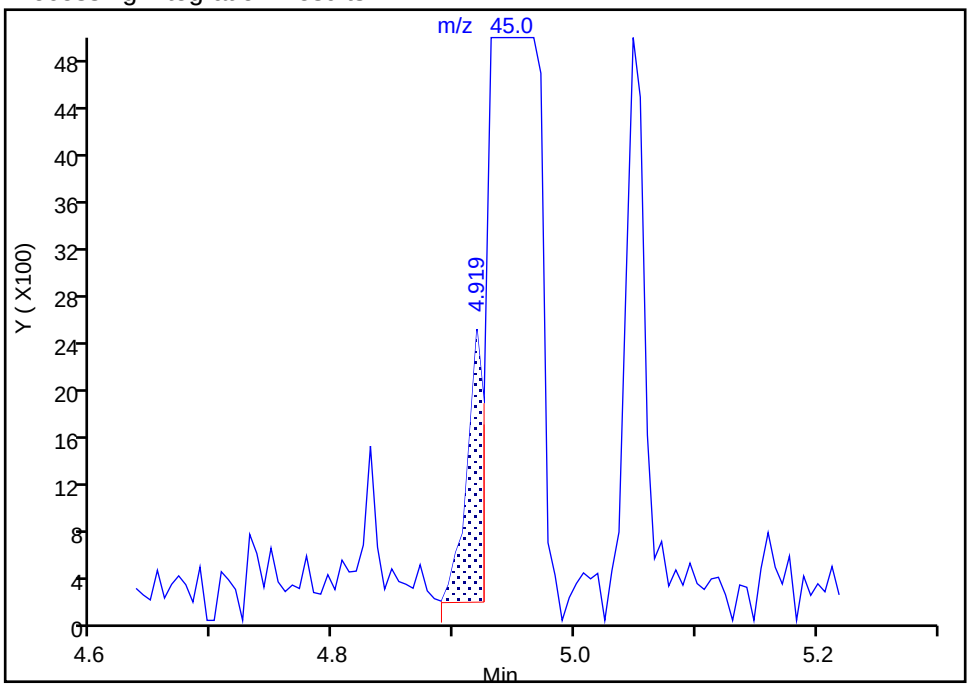
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a008.D
Injection Date: 03-Mar-2022 17:53:30 Instrument ID: TAC040
Lims ID: STD9
Client ID:
Operator ID: tl ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

25 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

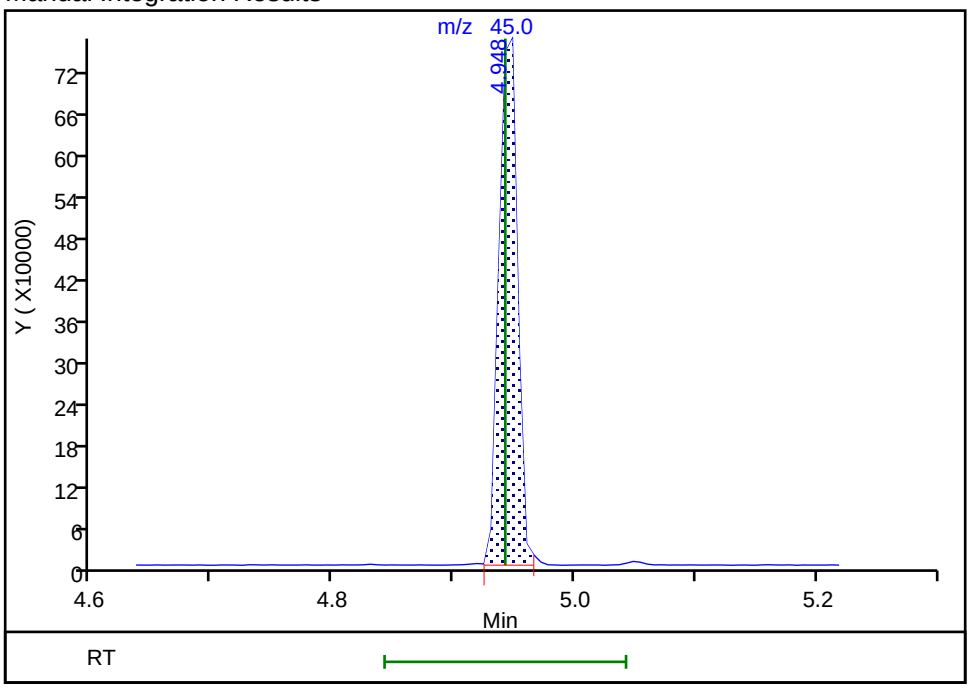
Processing Integration Results

RT: 4.92
Area: 2330
Amount: 4.841663
Amount Units: ug/L



Manual Integration Results

RT: 4.95
Area: 822351
Amount: 5089.2180
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:39:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

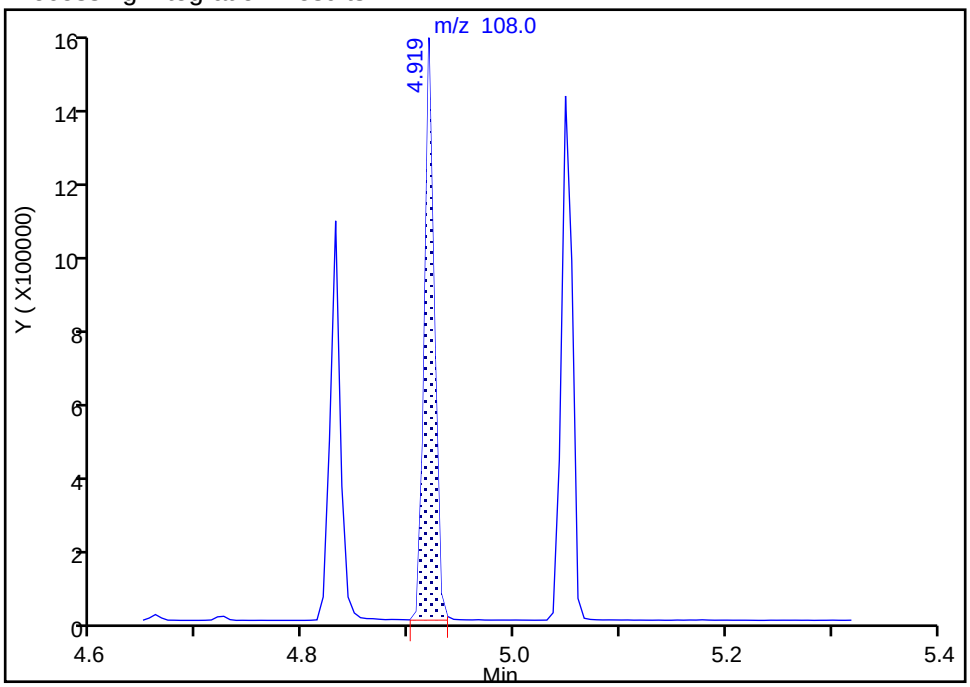
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a008.D
Injection Date: 03-Mar-2022 17:53:30 Instrument ID: TAC040
Lims ID: STD9
Client ID:
Operator ID: tl ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

32 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

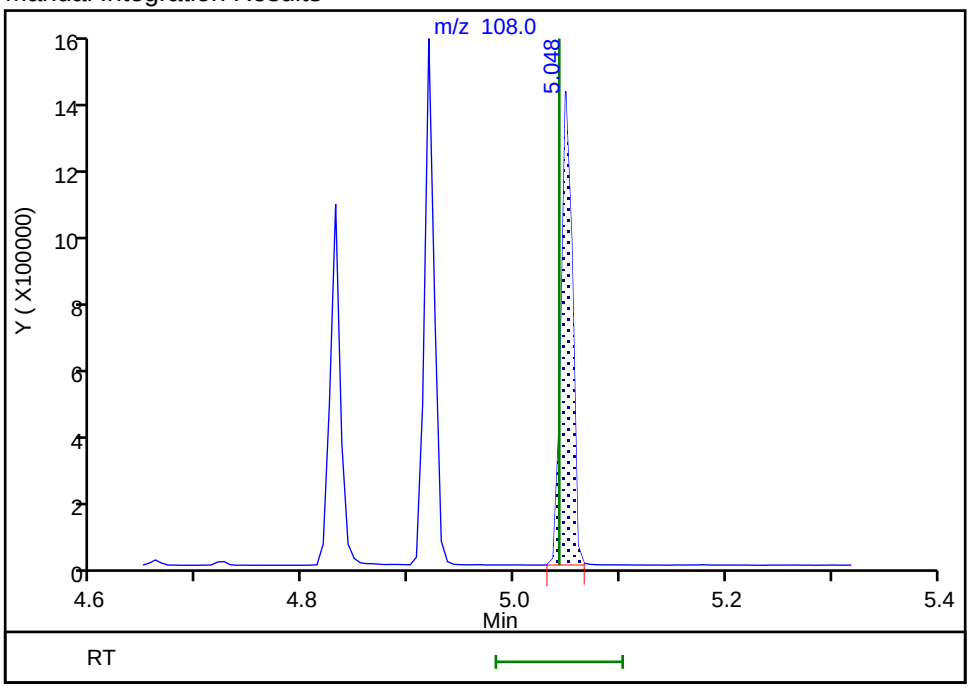
Processing Integration Results

RT: 4.92
Area: 1022494
Amount: 5120.7951
Amount Units: ug/L



Manual Integration Results

RT: 5.05
Area: 1026340
Amount: 5198.8151
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:44:43
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a009.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 03-Mar-2022 18:16:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 8
Operator ID: tl Instrument ID: TAC040
Sublist: chrom-8270TAC040*sub20

Method: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 08-Mar-2022 14:31:07 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1601

First Level Reviewer: limmere Date: 04-Mar-2022 11:44:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.707	4.707	0.000	85	23285	100.0	100.0	a
* 2 Naphthalene-d8	136	5.736	5.736	0.000	96	83852	100.0	100.0	
* 3 Acenaphthene-d10	164	7.171	7.172	-0.001	42	42270	100.0	100.0	
* 4 Phenanthrene-d10	188	8.389	8.389	0.000	94	73125	100.0	100.0	
* 5 Chrysene-d12	240	10.595	10.595	0.000	43	62476	100.0	100.0	
* 6 Perylene-d12	264	12.118	12.112	0.006	95	63861	100.0	100.0	
$ 7 2-Fluorophenol	112	3.649	3.649	0.000	79	450920	2000.0	2053.2	
$ 8 Phenol-d5	99	4.413	4.413	0.000	98	475453	2000.0	2052.3	
$ 9 Nitrobenzene-d5	82	5.154	5.154	0.000	81	324382	2000.0	2013.9	
$ 10 2-Fluorobiphenyl	172	6.630	6.630	0.000	99	1115476	2000.0	2066.0	
$ 11 2,4,6-Tribromophenol	330	7.818	7.819	-0.001	86	273827	2000.0	1939.3	
$ 12 Terphenyl-d14	244	9.712	9.713	-0.001	99	1058273	2000.0	1978.6	
15 N-Nitrosodimethylamine	74	2.520	2.525	-0.005	90	148207	2000.0	2067.4	
16 Pyridine	79	2.531	2.536	-0.005	96	561392	4000.0	4195.3	
18 Phenol	94	4.425	4.425	0.000	93	433293	2000.0	1965.2	
17 Aniline	93	4.442	4.442	0.000	69	486741	2000.0	2030.4	
19 Bis(2-chloroethyl)ether	93	4.507	4.507	0.000	94	337875	2000.0	1996.0	
20 2-Chlorophenol	128	4.536	4.531	0.005	53	555318	2000.0	2059.5	
21 n-Decane	57	4.595	4.595	0.000	91	216400	2000.0	1941.3	
22 1,3-Dichlorobenzene	146	4.660	4.660	0.000	94	638564	2000.0	1957.2	
23 1,4-Dichlorobenzene	146	4.725	4.719	0.006	97	646634	2000.0	1967.9	
27 Benzyl alcohol	79	4.825	4.825	0.000	95	231377	2000.0	2048.8	
24 1,2-Dichlorobenzene	146	4.842	4.842	0.000	91	618857	2000.0	1970.1	
28 2-Methylphenol	108	4.919	4.913	0.006	57	384396	2000.0	2001.8	a
25 2,2'-oxybis[1-chloropropane]	45	4.942	4.942	0.000	52	304725	2000.0	1959.6	
29 Acetophenone	105	5.036	5.036	0.000	93	552199	2000.0	1969.3	
32 3 & 4 Methylphenol	108	5.042	5.042	0.000	89	391947	2000.0	2064.2	a
30 N-Nitrosodi-n-propylamine	70	5.048	5.042	0.006	74	164900	2000.0	2137.7	
31 Hexachloroethane	117	5.113	5.113	0.000	89	268929	2000.0	1964.7	
33 Nitrobenzene	77	5.172	5.172	0.000	78	278033	2000.0	1989.4	
34 Isophorone	82	5.372	5.372	0.000	97	537887	2000.0	1982.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
35 2-Nitrophenol	139	5.430	5.430	0.000	77	297862	2000.0	2151.7	
37 2,4-Dimethylphenol	107	5.477	5.472	0.005	87	406166	2000.0	1952.6	
36 Benzoic acid	105	5.560	5.519	0.041	51	596287	4000.0	4378.2	a
38 Bis(2-chloroethoxy)methane	93	5.560	5.560	0.000	92	424609	2000.0	2016.7	
39 2,4-Dichlorophenol	162	5.625	5.619	0.005	83	462798	2000.0	2016.1	
40 1,2,4-Trichlorobenzene	180	5.695	5.695	0.000	91	537504	2000.0	1920.2	
41 Naphthalene	128	5.754	5.754	0.000	95	1464520	2000.0	1906.3	
42 2,6-Dichlorophenol	162	5.807	5.807	0.000	78	456791	2000.0	2108.7	
43 4-Chloroaniline	127	5.807	5.807	0.000	83	600218	2000.0	1995.6	
44 Hexachlorobutadiene	225	5.866	5.860	0.006	91	319323	2000.0	1935.6	
45 4-Chloro-3-methylphenol	107	6.207	6.201	0.006	83	325939	2000.0	2261.0	
46 2-Methylnaphthalene	142	6.324	6.325	-0.001	80	955586	2000.0	1986.6	
47 1-Methylnaphthalene	142	6.401	6.401	0.000	90	926752	2000.0	1964.2	
48 Hexachlorocyclopentadiene	237	6.454	6.454	0.000	83	397550	2000.0	2018.5	
49 1,2,4,5-Tetrachlorobenzene	216	6.460	6.454	0.006	93	562559	2000.0	2046.8	
50 2,4,6-Trichlorophenol	196	6.554	6.554	0.000	85	339371	2000.0	2052.3	
51 2,4,5-Trichlorophenol	196	6.577	6.577	0.000	86	374432	2000.0	2197.7	
52 1,1'-Biphenyl	154	6.707	6.707	0.000	94	1168258	2000.0	2052.3	
53 2-Chloronaphthalene	162	6.719	6.719	0.000	93	979448	2000.0	2072.0	
54 2-Nitroaniline	138	6.807	6.807	0.000	87	320154	2000.0	2141.3	
55 Dimethyl phthalate	163	6.971	6.972	-0.001	98	1038976	2000.0	2074.0	
56 1,3-Dinitrobenzene	168	6.983	6.983	0.000	91	156099	2000.0	2115.6	
57 2,6-Dinitrotoluene	165	7.013	7.013	0.000	69	237855	2000.0	2009.2	
58 Acenaphthylene	152	7.054	7.054	0.000	93	1450575	2000.0	2121.9	
59 3-Nitroaniline	138	7.148	7.142	0.006	75	237379	2000.0	2040.4	
60 Acenaphthene	153	7.201	7.201	0.000	92	973710	2000.0	2085.2	
69 2,4-Dinitrophenol	184	7.230	7.230	0.000	59	302400	4000.0	4094.9	
63 4-Nitrophenol	109	7.283	7.283	0.000	71	215999	4000.0	4120.9	
62 2,4-Dinitrotoluene	165	7.342	7.336	0.006	59	307970	2000.0	2073.3	
61 Dibenzofuran	168	7.342	7.342	0.000	91	1318539	2000.0	2116.0	
64 2,3,5,6-Tetrachlorophenol	232	7.407	7.407	0.000	84	299142	2000.0	2171.6	
65 2,3,4,6-Tetrachlorophenol	232	7.442	7.442	0.000	67	321482	2000.0	2164.8	
66 Diethyl phthalate	149	7.554	7.554	0.000	96	1081850	2000.0	2048.2	
67 Fluorene	166	7.624	7.624	0.000	83	1061554	2000.0	2144.2	
68 4-Chlorophenyl phenyl ether	204	7.636	7.636	0.000	84	491675	2000.0	2065.1	
70 4-Nitroaniline	138	7.642	7.642	0.000	46	130522	2000.0	1958.1	
73 4,6-Dinitro-2-methylphenol	198	7.671	7.666	0.005	68	344407	4000.0	4138.8	
71 N-Nitrosodiphenylamine	169	7.730	7.730	0.000	59	709449	2000.0	2038.7	
72 Azobenzene	77	7.766	7.760	0.006	93	579975	2000.0	1916.5	
74 4-Bromophenyl phenyl ether	248	8.036	8.036	0.000	51	321812	2000.0	1897.8	
75 Hexachlorobenzene	284	8.071	8.066	0.005	88	459103	2000.0	1898.6	
76 Atrazine	200	8.183	8.177	0.006	91	258402	2000.0	2132.9	
77 Pentachlorophenol	266	8.236	8.230	0.006	94	542927	4000.0	4150.3	
78 n-Octadecane	43	8.342	8.342	0.000	95	227464	2000.0	1905.5	
79 Phenanthrene	178	8.407	8.407	0.000	96	1473186	2000.0	1962.8	
80 Anthracene	178	8.454	8.448	0.006	96	1455404	2000.0	2009.1	
81 Carbazole	167	8.589	8.583	0.006	82	899105	2000.0	1784.9	
83 Di-n-butyl phthalate	149	8.901	8.901	0.000	98	1886103	2000.0	2046.6	
84 Fluoranthene	202	9.383	9.383	0.000	96	1547060	2000.0	2071.5	
85 Benzidine	184	9.512	9.507	0.005	98	742808	4000.0	4363.1	
86 Pyrene	202	9.565	9.566	-0.001	97	1606294	2000.0	2088.5	
87 Butyl benzyl phthalate	149	10.136	10.130	0.006	87	801871	2000.0	2196.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
91 3,3'-Dichlorobenzidine	252	10.583	10.577	0.006	67	924622	4000.0	4028.1	
89 Benzo[a]anthracene	228	10.589	10.589	0.000	99	1430272	2000.0	2005.6	
90 Chrysene	228	10.624	10.618	0.006	93	1382460	2000.0	1836.4	
92 Bis(2-ethylhexyl) phthalate	149	10.665	10.665	0.000	87	1100419	2000.0	2150.1	
93 Di-n-octyl phthalate	149	11.342	11.336	0.006	96	1797107	2000.0	2009.2	
94 Benzo[b]fluoranthene	252	11.689	11.683	0.006	95	1477474	2000.0	2076.7	
95 Benzofluoranthene	252	11.689	11.683	0.006	99	2911437	4000.0	4018.5	a
96 Benzo[k]fluoranthene	252	11.718	11.718	0.000	98	1506226	2000.0	1982.0	
97 Benzo[a]pyrene	252	12.053	12.048	0.005	78	1273524	2000.0	1998.2	
98 Indeno[1,2,3-cd]pyrene	276	13.377	13.371	0.006	97	1298083	2000.0	2011.2	
99 Dibenz(a,h)anthracene	278	13.418	13.412	0.006	8	1348375	2000.0	1943.5	
100 Benzo[g,h,i]perylene	276	13.689	13.683	0.006	92	1542622	2000.0	2001.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8270_ic_stk_00062	Amount Added:	20.00	Units: uL
8270SIM_IS_00069	Amount Added:	10.00	Units: uL

Report Date: 08-Mar-2022 14:31:08 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a009.D

Injection Date: 03-Mar-2022 18:16:30 Instrument ID: TAC040

Lims ID: STD8

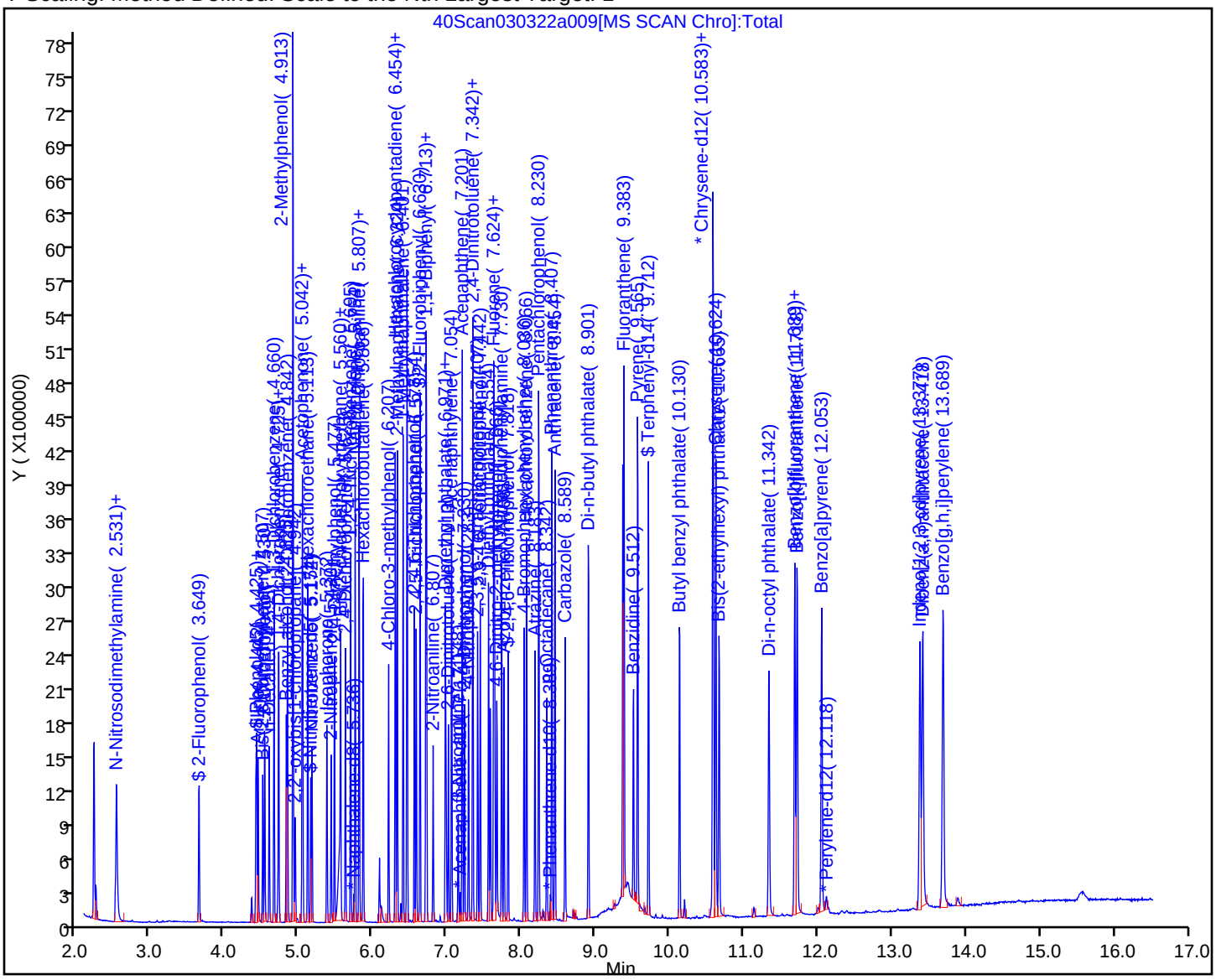
Client ID:

Operator ID: tl ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

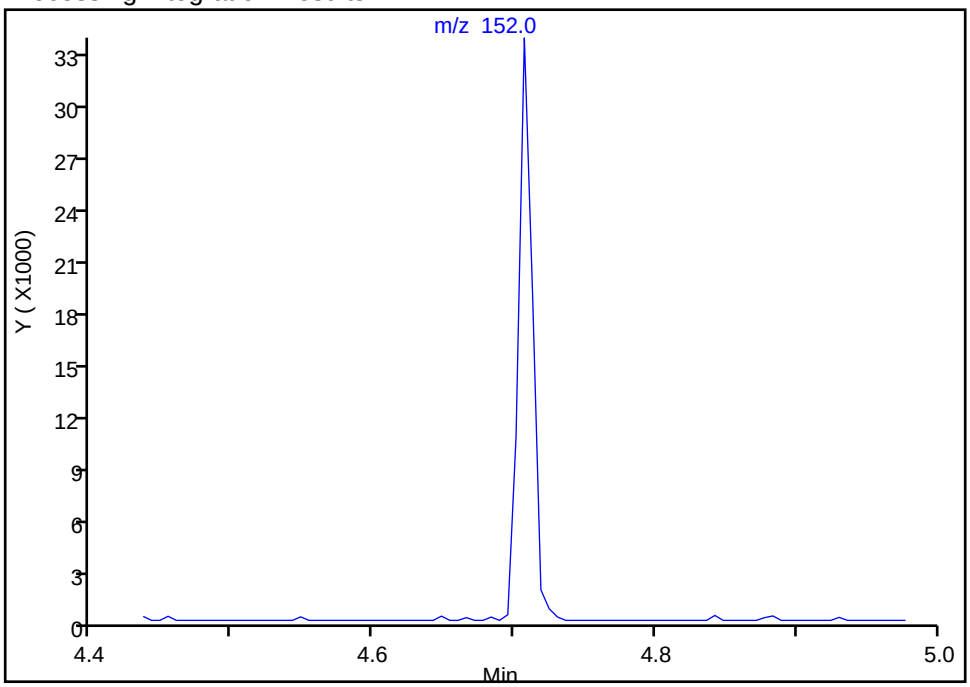
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a009.D
Injection Date: 03-Mar-2022 18:16:30 Instrument ID: TAC040
Lims ID: STD8
Client ID:
Operator ID: tl ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

* 1 1,4-Dichlorobenzene-d4, CAS: 3855-82-1

Signal: 1

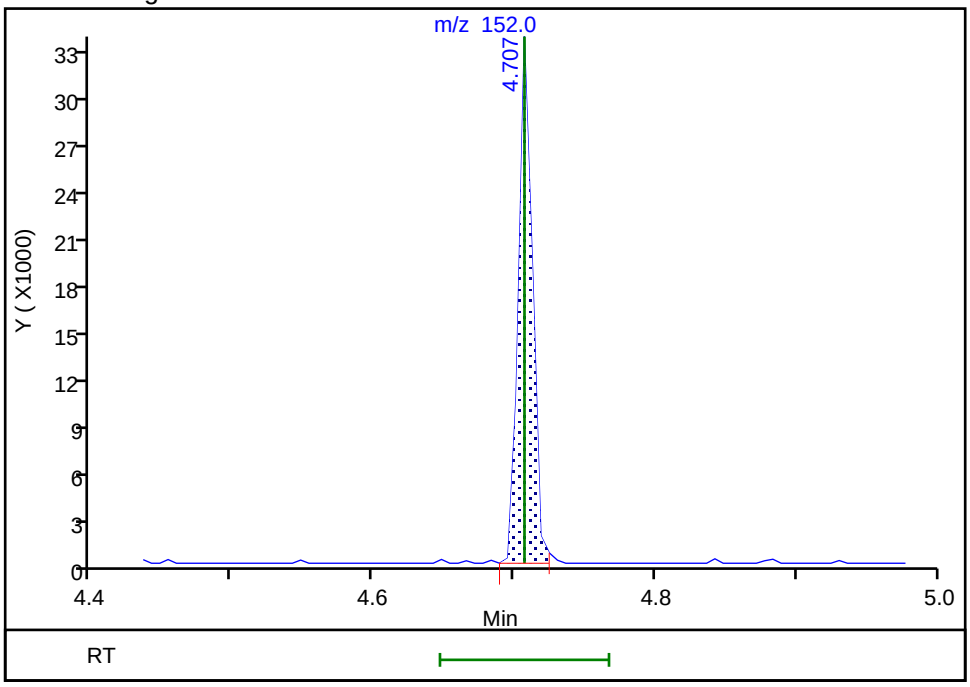
Not Detected
Expected RT: 4.71

Processing Integration Results



Manual Integration Results

RT: 4.71
Area: 23285
Amount: 100.0000
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:40:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

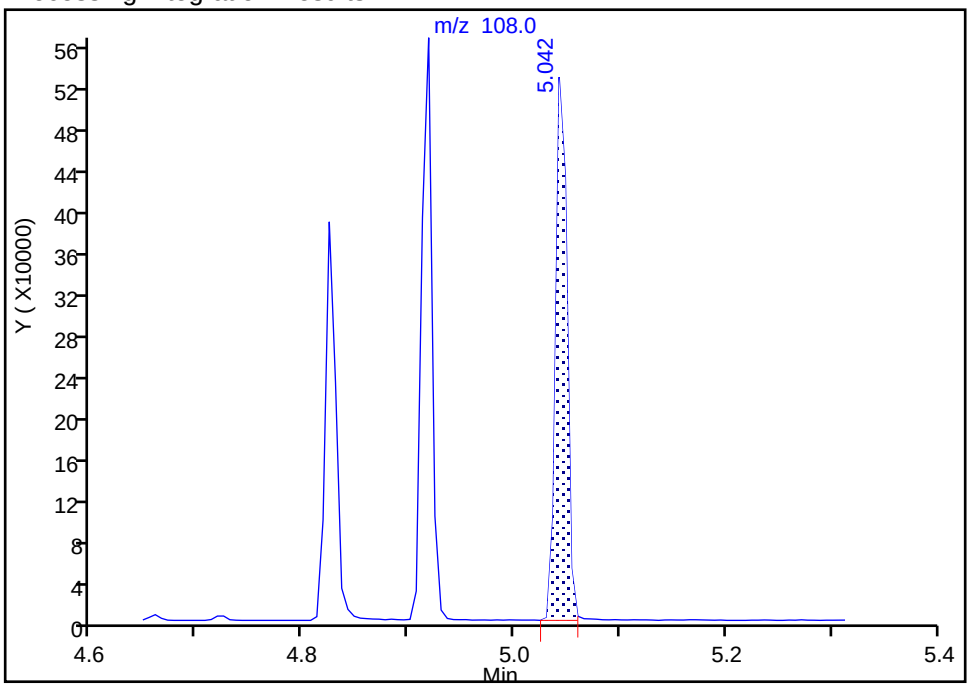
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a009.D
Injection Date: 03-Mar-2022 18:16:30 Instrument ID: TAC040
Lims ID: STD8
Client ID:
Operator ID: tl ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

28 2-Methylphenol, CAS: 95-48-7

Signal: 1

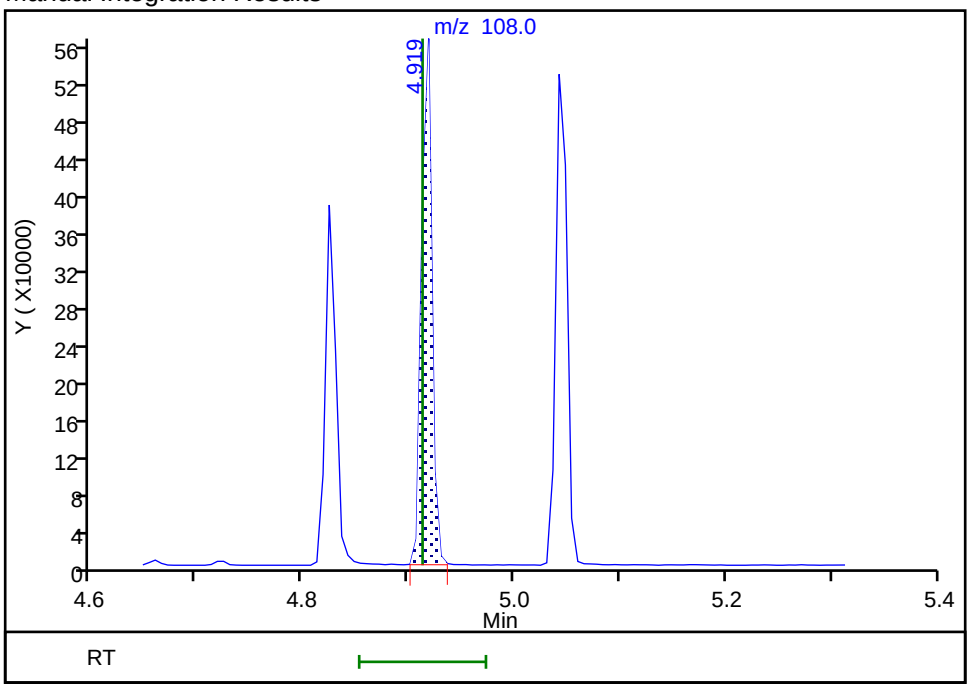
Processing Integration Results

RT: 5.04
Area: 391947
Amount: 2075.9745
Amount Units: ug/L



Manual Integration Results

RT: 4.92
Area: 384396
Amount: 2001.8255
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:53:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

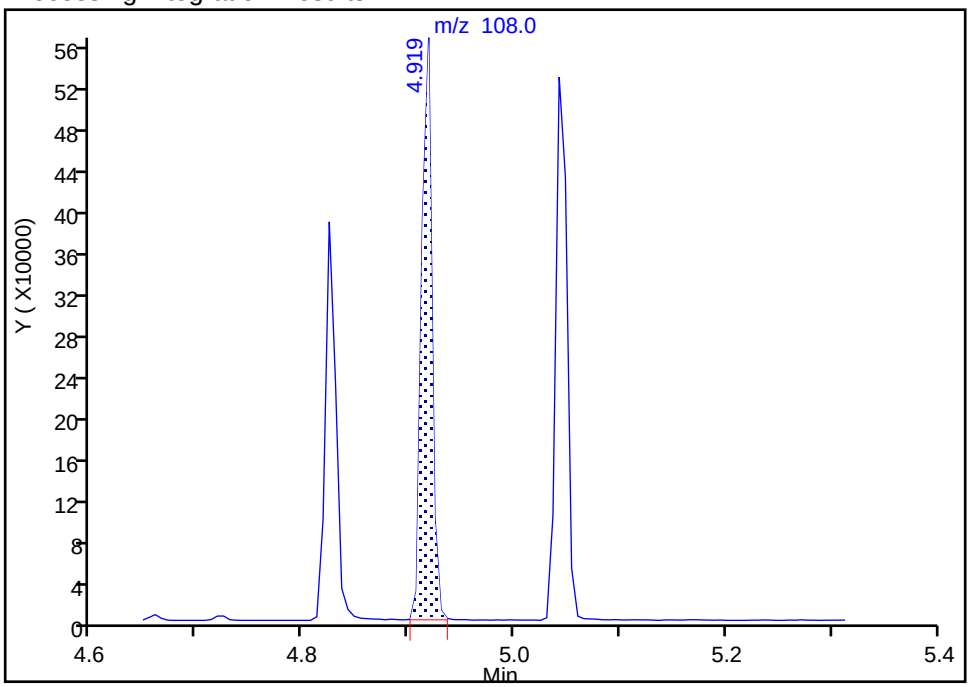
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a009.D
Injection Date: 03-Mar-2022 18:16:30 Instrument ID: TAC040
Lims ID: STD8
Client ID:
Operator ID: tl ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

32 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

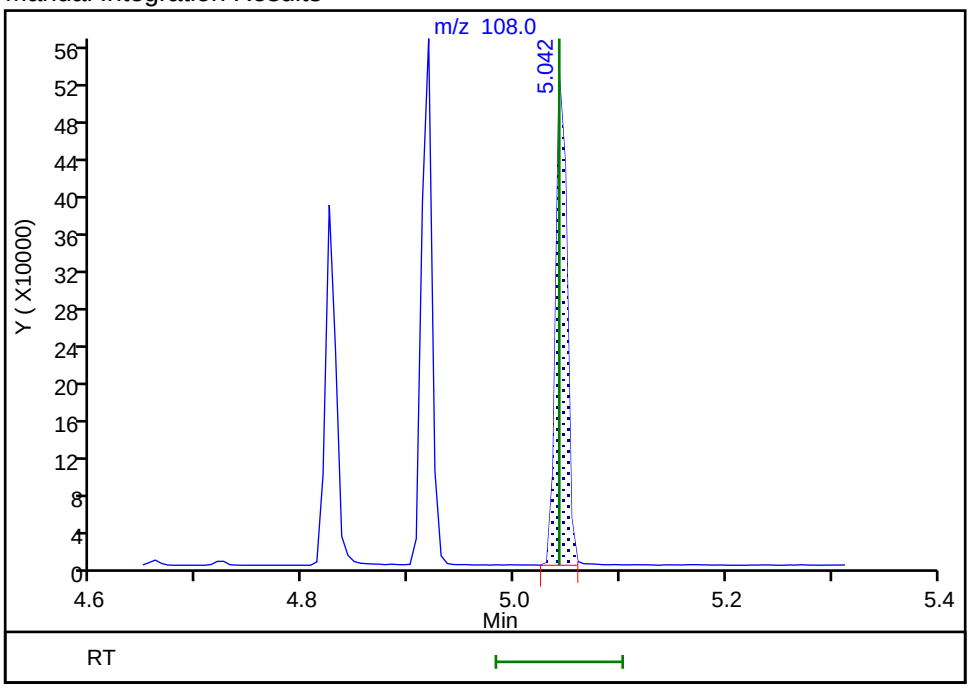
Processing Integration Results

RT: 4.92
Area: 384396
Amount: 2000.8142
Amount Units: ug/L



Manual Integration Results

RT: 5.04
Area: 391947
Amount: 2064.2344
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:42:13
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

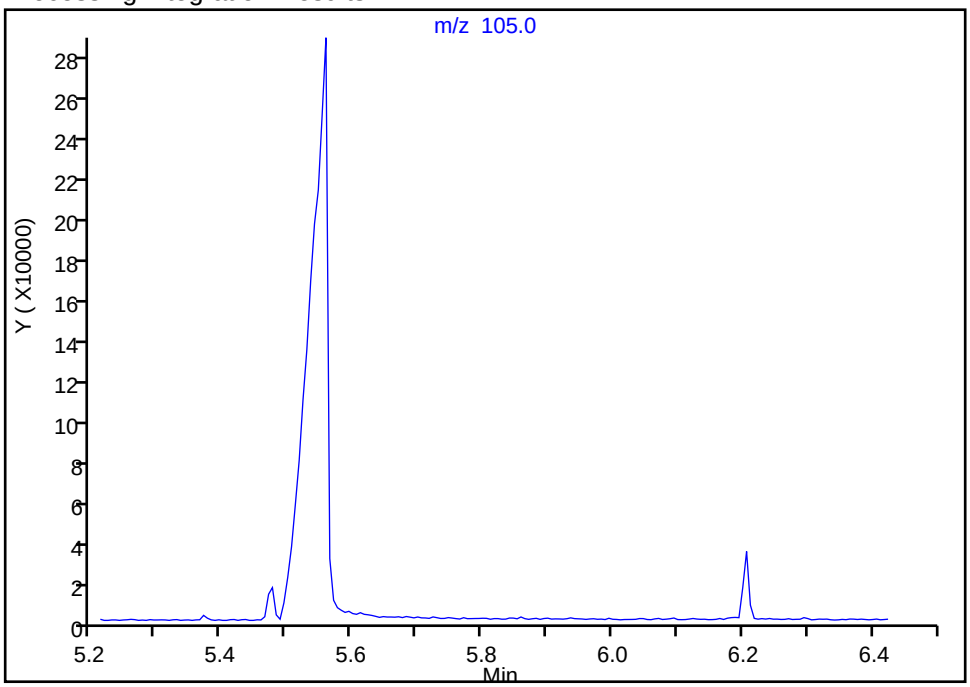
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a009.D
Injection Date: 03-Mar-2022 18:16:30 Instrument ID: TAC040
Lims ID: STD8
Client ID:
Operator ID: tl ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

36 Benzoic acid, CAS: 65-85-0

Signal: 1

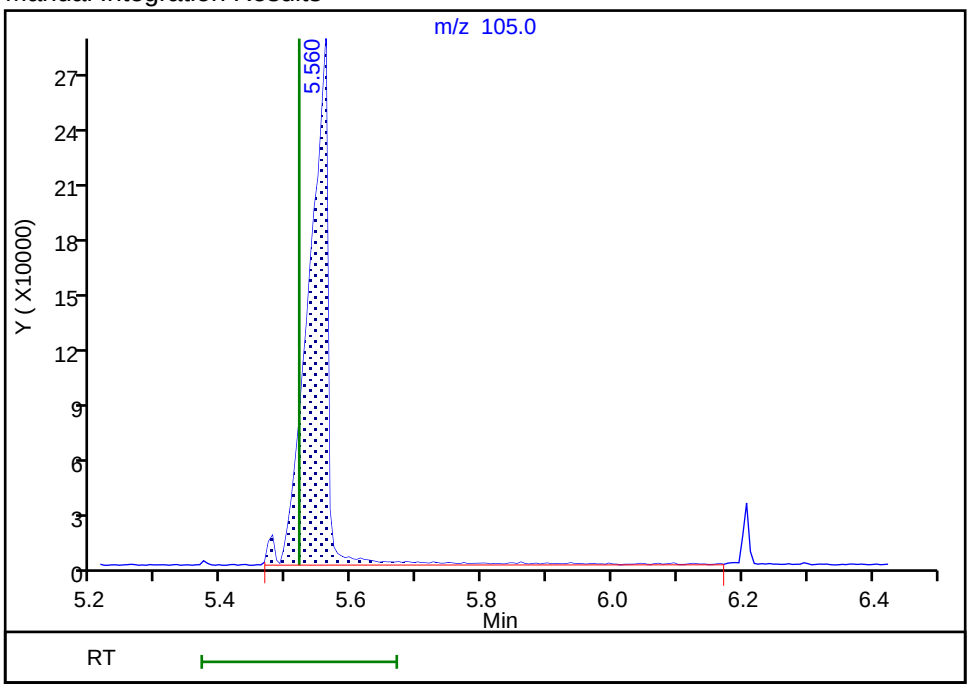
Not Detected
Expected RT: 5.52

Processing Integration Results



Manual Integration Results

RT: 5.56
Area: 596287
Amount: 4378.2077
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:41:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

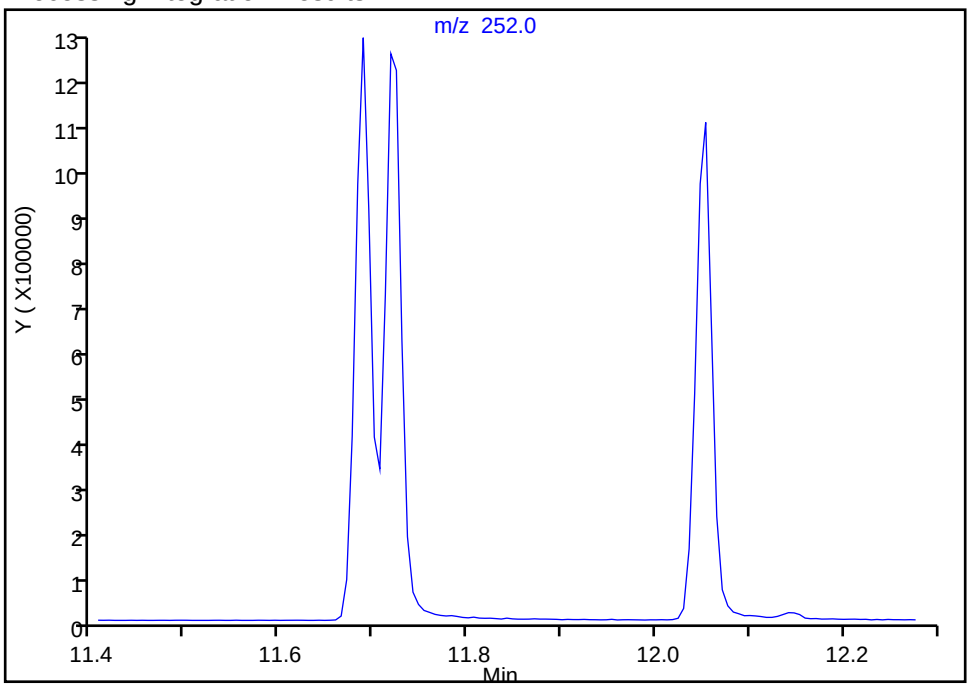
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a009.D
Injection Date: 03-Mar-2022 18:16:30 Instrument ID: TAC040
Lims ID: STD8
Client ID:
Operator ID: tl ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

95 Benzofluoranthene, CAS: 56832-73-6

Signal: 1

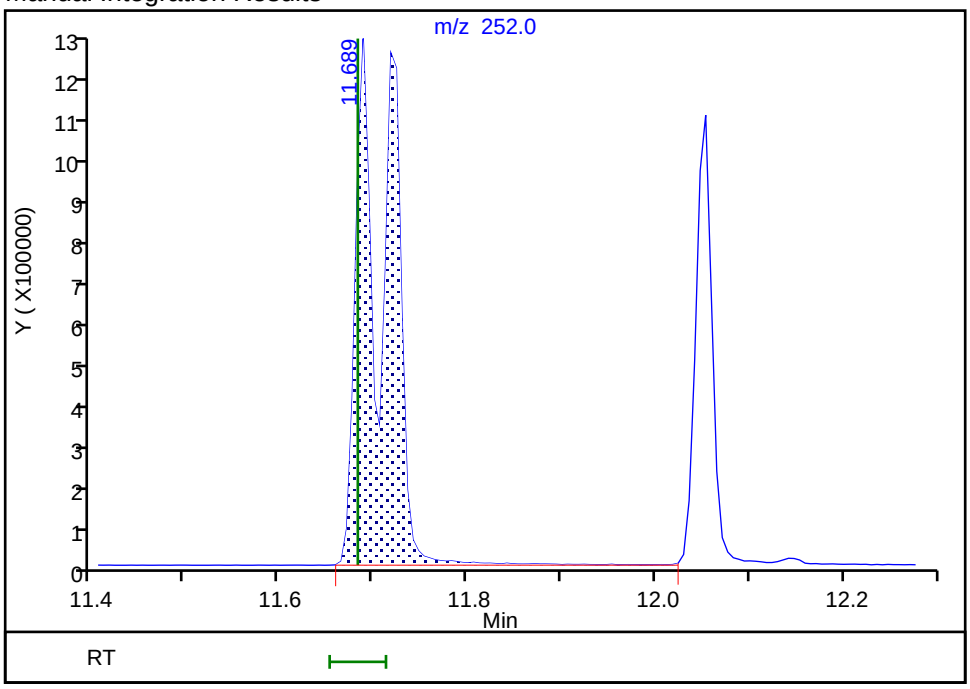
Not Detected
Expected RT: 11.68

Processing Integration Results



Manual Integration Results

RT: 11.69
Area: 2911437
Amount: 4018.5291
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:41:54
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a010.D
Lims ID: STD7IS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 03-Mar-2022 18:40:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 7
Operator ID: tl Instrument ID: TAC040
Sublist: chrom-8270TAC040*sub20

Method: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 08-Mar-2022 14:31:13 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1601

First Level Reviewer: limmere Date: 04-Mar-2022 11:38:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.707	4.707	0.000	87	25668	100.0	100.0	
* 2 Naphthalene-d8	136	5.736	5.736	0.000	96	90230	100.0	100.0	
* 3 Acenaphthene-d10	164	7.171	7.171	0.000	60	46704	100.0	100.0	
* 4 Phenanthrene-d10	188	8.389	8.389	0.000	94	78506	100.0	100.0	
* 5 Chrysene-d12	240	10.595	10.595	0.000	55	63107	100.0	100.0	
* 6 Perylene-d12	264	12.112	12.112	0.000	94	65242	100.0	100.0	
$ 7 2-Fluorophenol	112	3.649	3.649	0.000	79	238372	1000.0	984.6	
$ 8 Phenol-d5	99	4.413	4.413	0.000	98	257264	1000.0	1007.4	
$ 9 Nitrobenzene-d5	82	5.154	5.154	0.000	81	170055	1000.0	981.1	
$ 10 2-Fluorobiphenyl	172	6.630	6.630	0.000	99	585365	1000.0	981.2	
$ 11 2,4,6-Tribromophenol	330	7.819	7.819	0.000	86	137199	1000.0	932.6	
$ 12 Terphenyl-d14	244	9.713	9.713	0.000	99	534025	1000.0	933.7	
15 N-Nitrosodimethylamine	74	2.520	2.520	0.000	90	79398	1000.0	1004.7	
16 Pyridine	79	2.536	2.536	0.000	94	305212	2000.0	2069.1	
18 Phenol	94	4.425	4.425	0.000	92	231983	1000.0	954.5	
17 Aniline	93	4.442	4.442	0.000	25	264809	1000.0	1022.0	a
19 Bis(2-chloroethyl)ether	93	4.507	4.507	0.000	95	179404	1000.0	961.5	
20 2-Chlorophenol	128	4.530	4.530	0.000	54	294753	1000.0	991.7	
21 n-Decane	57	4.595	4.595	0.000	93	117355	1000.0	953.6	
22 1,3-Dichlorobenzene	146	4.660	4.660	0.000	93	344301	1000.0	957.3	
23 1,4-Dichlorobenzene	146	4.719	4.719	0.000	97	344950	1000.0	951.7	
27 Benzyl alcohol	79	4.825	4.825	0.000	95	121784	1000.0	978.3	
24 1,2-Dichlorobenzene	146	4.842	4.842	0.000	91	333124	1000.0	962.1	
28 2-Methylphenol	108	4.919	4.919	0.000	57	206717	1000.0	976.6	a
25 2,2'-oxybis[1-chloropropane]	45	4.942	4.942	0.000	52	174633	1000.0	1017.9	
29 Acetophenone	105	5.036	5.036	0.000	94	297142	1000.0	961.3	
32 3 & 4 Methylphenol	108	5.042	5.042	0.000	92	209159	1000.0	999.3	a
30 N-Nitrosodi-n-propylamine	70	5.048	5.048	0.000	79	86431	1000.0	1016.4	
31 Hexachloroethane	117	5.113	5.113	0.000	89	143644	1000.0	952.2	
33 Nitrobenzene	77	5.172	5.172	0.000	75	149978	1000.0	973.5	
34 Isophorone	82	5.372	5.372	0.000	97	278836	1000.0	934.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
35 2-Nitrophenol	139	5.430	5.430	0.000	77	160529	1000.0	1052.0	
37 2,4-Dimethylphenol	107	5.477	5.477	0.000	87	219844	1000.0	984.0	
36 Benzoic acid	105	5.536	5.536	0.000	18	264466	2000.0	1935.1	a
38 Bis(2-chloroethoxy)methane	93	5.560	5.560	0.000	85	223881	1000.0	964.6	
39 2,4-Dichlorophenol	162	5.625	5.625	0.000	82	239207	1000.0	969.3	
40 1,2,4-Trichlorobenzene	180	5.695	5.695	0.000	92	289350	1000.0	960.6	
41 Naphthalene	128	5.754	5.754	0.000	95	785988	1000.0	950.8	
42 2,6-Dichlorophenol	162	5.807	5.807	0.000	82	240836	1000.0	1006.2	
43 4-Chloroaniline	127	5.807	5.807	0.000	83	303148	1000.0	949.5	
44 Hexachlorobutadiene	225	5.866	5.866	0.000	91	174059	1000.0	979.9	
45 4-Chloro-3-methylphenol	107	6.207	6.207	0.000	82	170515	1000.0	1070.6	
46 2-Methylnaphthalene	142	6.324	6.324	0.000	84	515238	1000.0	995.4	
47 1-Methylnaphthalene	142	6.401	6.401	0.000	91	494860	1000.0	974.7	
48 Hexachlorocyclopentadiene	237	6.454	6.454	0.000	87	206497	1000.0	962.1	
49 1,2,4,5-Tetrachlorobenzene	216	6.460	6.460	0.000	91	297936	1000.0	981.1	
50 2,4,6-Trichlorophenol	196	6.554	6.554	0.000	84	178079	1000.0	979.2	
51 2,4,5-Trichlorophenol	196	6.577	6.577	0.000	86	190701	1000.0	1045.6	
52 1,1'-Biphenyl	154	6.707	6.707	0.000	94	624892	1000.0	993.5	
53 2-Chloronaphthalene	162	6.719	6.719	0.000	93	525800	1000.0	1006.7	
54 2-Nitroaniline	138	6.807	6.807	0.000	89	164574	1000.0	1002.5	
55 Dimethyl phthalate	163	6.972	6.972	0.000	97	552255	1000.0	997.1	
56 1,3-Dinitrobenzene	168	6.983	6.983	0.000	88	79249	1000.0	1012.8	
57 2,6-Dinitrotoluene	165	7.013	7.013	0.000	67	126448	1000.0	977.0	
58 Acenaphthylene	152	7.054	7.054	0.000	92	769319	1000.0	1018.5	
59 3-Nitroaniline	138	7.142	7.142	0.000	82	118203	1000.0	944.8	
60 Acenaphthene	153	7.201	7.201	0.000	92	513241	1000.0	994.7	
69 2,4-Dinitrophenol	184	7.230	7.230	0.000	60	140646	2000.0	1865.6	a
63 4-Nitrophenol	109	7.283	7.283	0.000	69	109225	2000.0	1958.7	
62 2,4-Dinitrotoluene	165	7.336	7.336	0.000	76	160103	1000.0	987.6	
61 Dibenzofuran	168	7.342	7.342	0.000	90	700966	1000.0	1018.1	
64 2,3,5,6-Tetrachlorophenol	232	7.407	7.407	0.000	90	152734	1000.0	1043.0	
65 2,3,4,6-Tetrachlorophenol	232	7.442	7.442	0.000	68	163490	1000.0	1030.9	
66 Diethyl phthalate	149	7.554	7.554	0.000	96	572350	1000.0	980.7	
67 Fluorene	166	7.624	7.624	0.000	91	557379	1000.0	1018.9	
68 4-Chlorophenyl phenyl ether	204	7.636	7.636	0.000	84	257597	1000.0	979.2	
70 4-Nitroaniline	138	7.642	7.642	0.000	60	88443	1000.0	1200.8	
73 4,6-Dinitro-2-methylphenol	198	7.666	7.666	0.000	85	170904	2000.0	2019.0	
71 N-Nitrosodiphenylamine	169	7.730	7.730	0.000	61	360553	1000.0	965.1	
72 Azobenzene	77	7.766	7.766	0.000	88	310417	1000.0	955.5	
74 4-Bromophenyl phenyl ether	248	8.036	8.036	0.000	49	168322	1000.0	924.6	
75 Hexachlorobenzene	284	8.071	8.071	0.000	88	245806	1000.0	946.7	
76 Atrazine	200	8.183	8.183	0.000	93	134097	1000.0	1003.4	
77 Pentachlorophenol	266	8.230	8.230	0.000	90	257967	2000.0	1944.3	
78 n-Octadecane	43	8.342	8.342	0.000	96	118913	1000.0	927.9	
79 Phenanthrene	178	8.407	8.407	0.000	96	767742	1000.0	952.8	
80 Anthracene	178	8.448	8.448	0.000	96	758128	1000.0	974.9	
81 Carbazole	167	8.589	8.589	0.000	81	539776	1000.0	998.1	
83 Di-n-butyl phthalate	149	8.901	8.901	0.000	98	1003157	1000.0	1014.7	
84 Fluoranthene	202	9.383	9.383	0.000	96	809649	1000.0	1009.8	
85 Benzidine	184	9.507	9.507	0.000	98	339022	2000.0	2047.9	
86 Pyrene	202	9.565	9.565	0.000	98	840429	1000.0	1017.8	
87 Butyl benzyl phthalate	149	10.130	10.130	0.000	88	394758	1000.0	1070.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
91 3,3'-Dichlorobenzidine	252	10.583	10.583	0.000	63	454526	2000.0	2011.2	
89 Benzo[a]anthracene	228	10.589	10.589	0.000	99	728409	1000.0	1011.9	
90 Chrysene	228	10.618	10.618	0.000	94	719991	1000.0	947.1	
92 Bis(2-ethylhexyl) phthalate	149	10.665	10.665	0.000	87	552782	1000.0	1069.3	
93 Di-n-octyl phthalate	149	11.336	11.336	0.000	96	888470	1000.0	984.4	
94 Benzo[b]fluoranthene	252	11.689	11.689	0.000	93	719997	1000.0	990.6	
95 Benzofluoranthene	252	11.718	11.718	0.000	99	1498879	2000.0	2025.0	
96 Benzo[k]fluoranthene	252	11.718	11.718	0.000	97	806750	1000.0	1039.1	
97 Benzo[a]pyrene	252	12.048	12.048	0.000	78	649394	1000.0	998.7	
98 Indeno[1,2,3-cd]pyrene	276	13.377	13.377	0.000	95	683781	1000.0	1064.5	
99 Dibenz(a,h)anthracene	278	13.412	13.412	0.000	7	697062	1000.0	984.7	
100 Benzo[g,h,i]perylene	276	13.683	13.683	0.000	91	791962	1000.0	1006.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ccv_8270_1000_00057 Amount Added: 1.00 Units: mL

Report Date: 08-Mar-2022 14:31:15 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a010.D

Injection Date: 03-Mar-2022 18:40:30 Instrument ID: TAC040

Lims ID: STD7IS

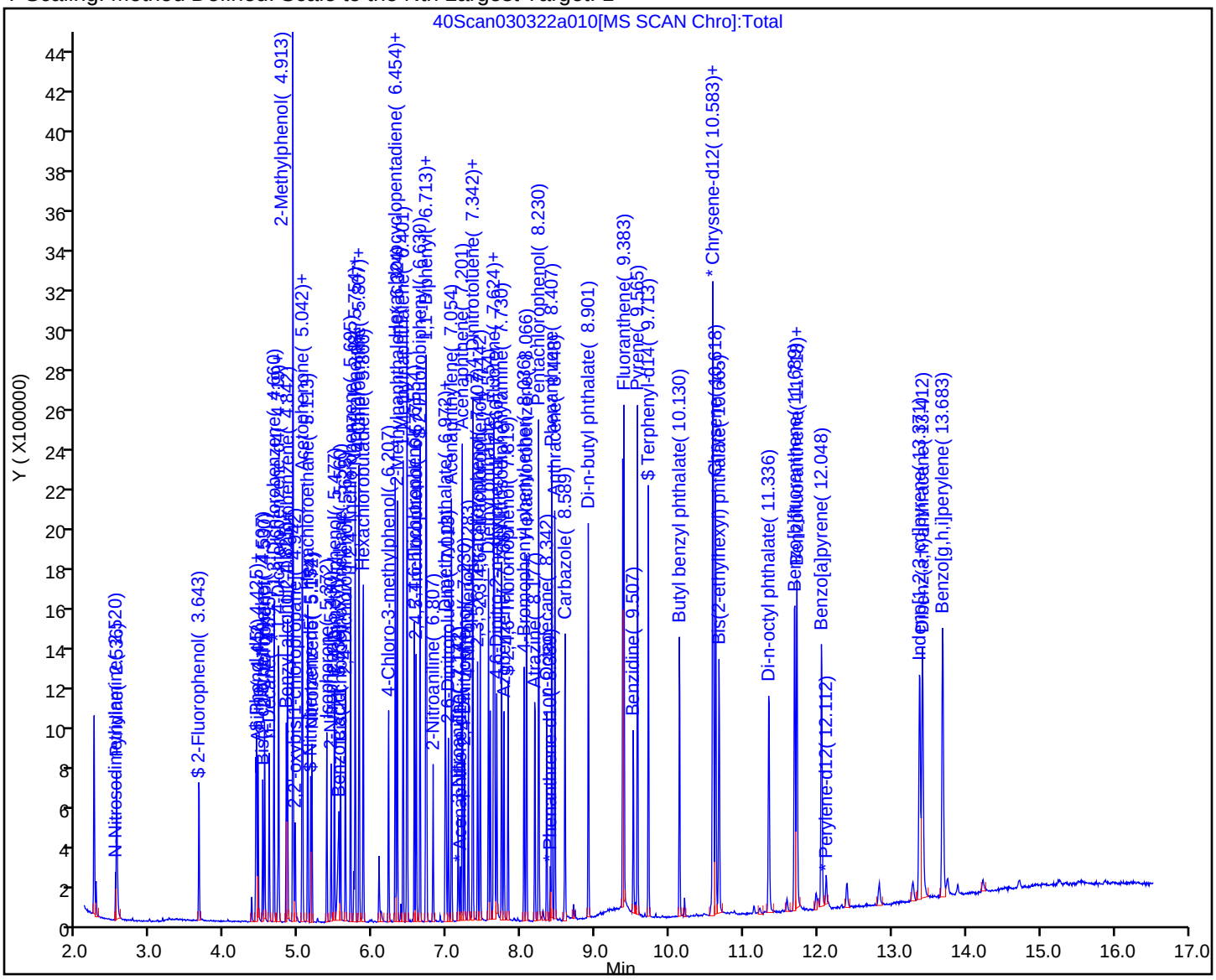
Client ID:

Operator ID: tl ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

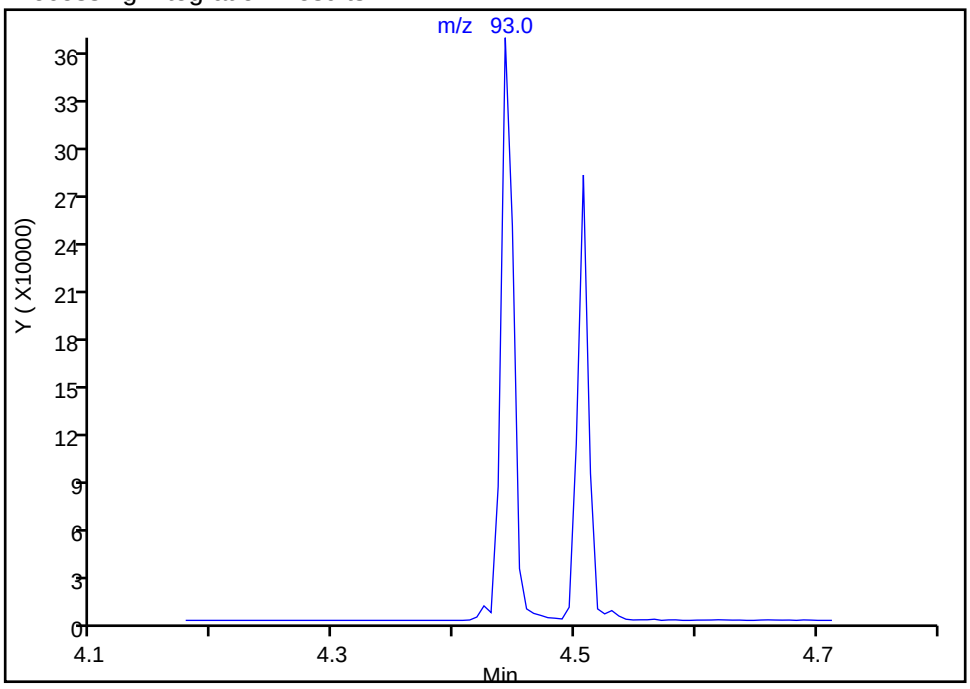
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a010.D
Injection Date: 03-Mar-2022 18:40:30 Instrument ID: TAC040
Lims ID: STD7IS
Client ID:
Operator ID: tl ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

17 Aniline, CAS: 62-53-3

Signal: 1

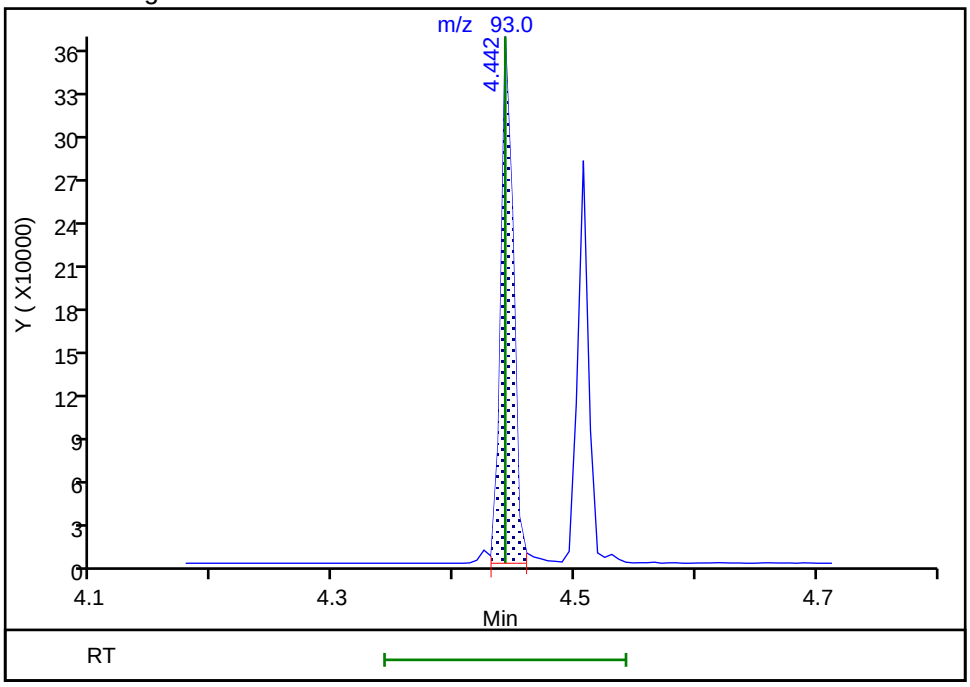
Not Detected
Expected RT: 4.44

Processing Integration Results



Manual Integration Results

RT: 4.44
Area: 264809
Amount: 1021.9806
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:42:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

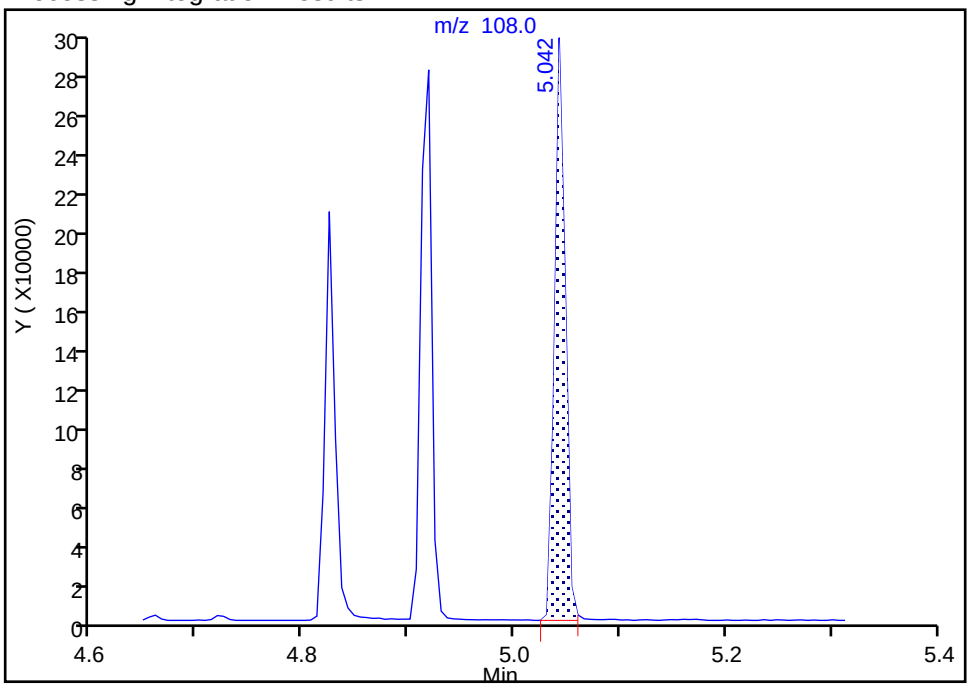
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a010.D
Injection Date: 03-Mar-2022 18:40:30 Instrument ID: TAC040
Lims ID: STD7IS
Client ID:
Operator ID: tl ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

28 2-Methylphenol, CAS: 95-48-7

Signal: 1

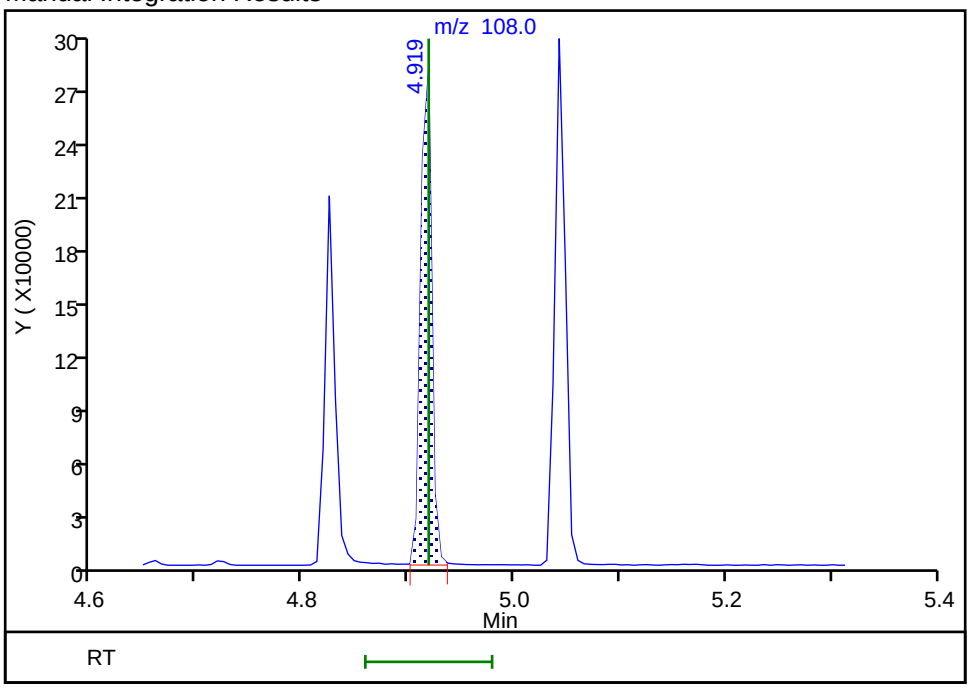
Processing Integration Results

RT: 5.04
Area: 209159
Amount: 1006.5939
Amount Units: ug/L



Manual Integration Results

RT: 4.92
Area: 206717
Amount: 976.5799
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:54:45
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

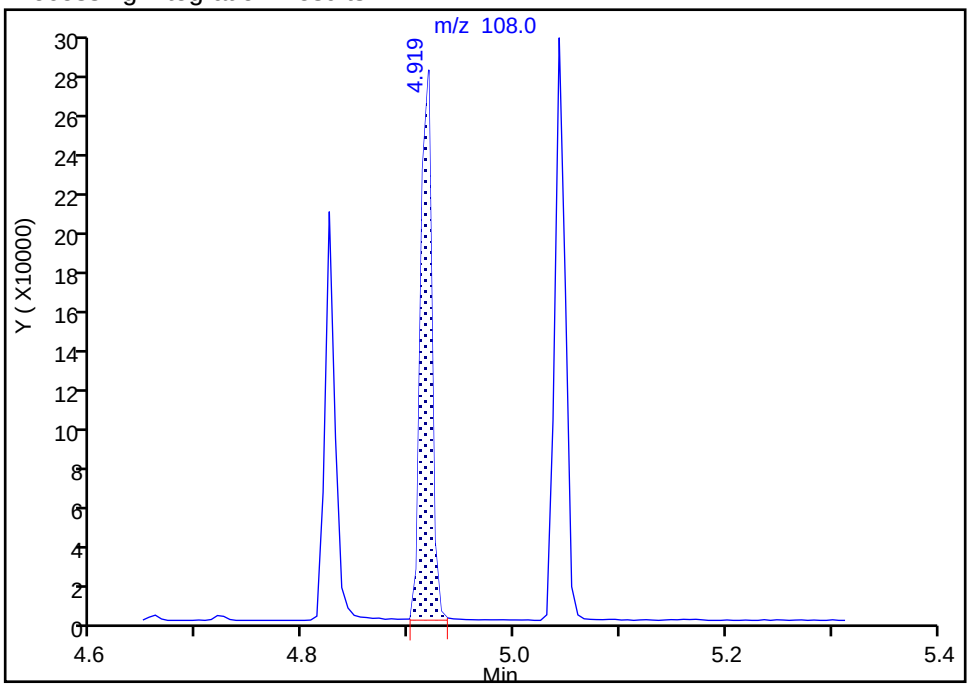
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a010.D
Injection Date: 03-Mar-2022 18:40:30 Instrument ID: TAC040
Lims ID: STD7IS
Client ID:
Operator ID: tl ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

32 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

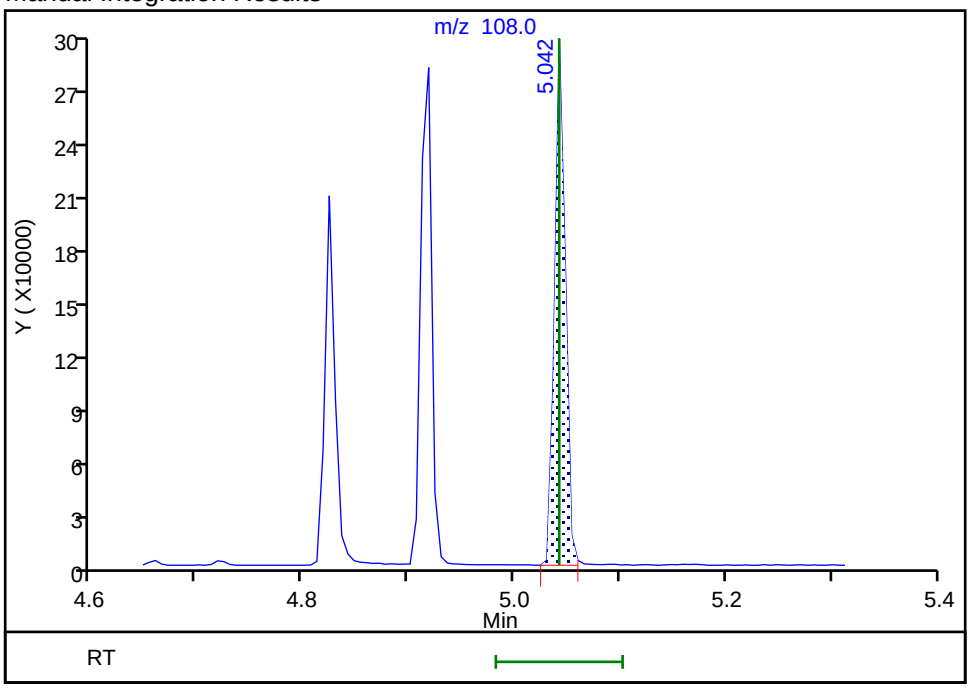
Processing Integration Results

RT: 4.92
Area: 206717
Amount: 974.1721
Amount Units: ug/L



Manual Integration Results

RT: 5.04
Area: 209159
Amount: 999.2920
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:54:30
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

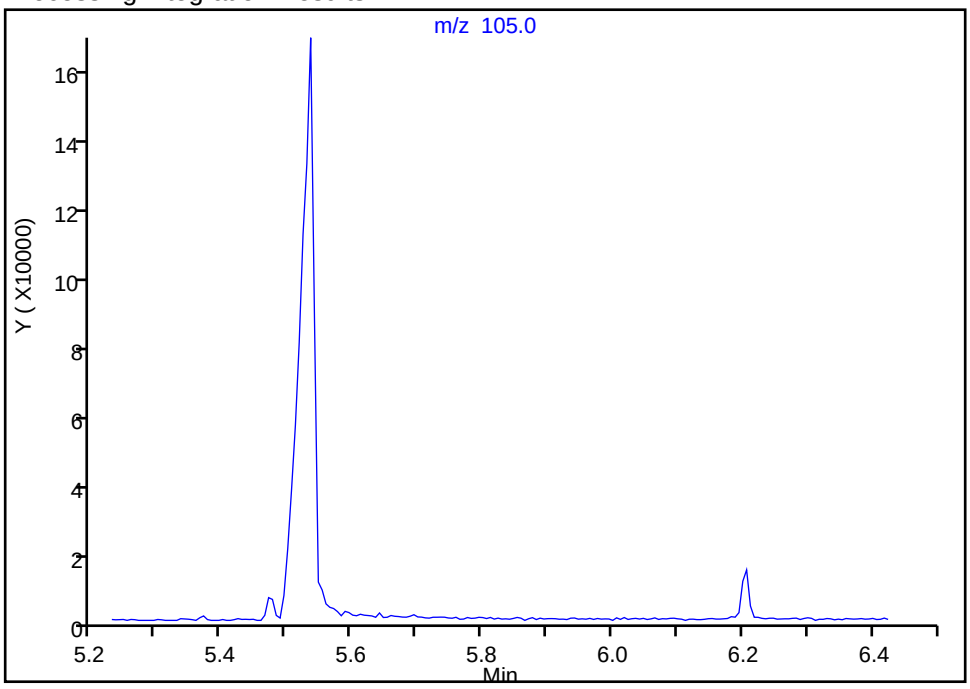
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a010.D
Injection Date: 03-Mar-2022 18:40:30 Instrument ID: TAC040
Lims ID: STD7IS
Client ID:
Operator ID: tl ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

36 Benzoic acid, CAS: 65-85-0

Signal: 1

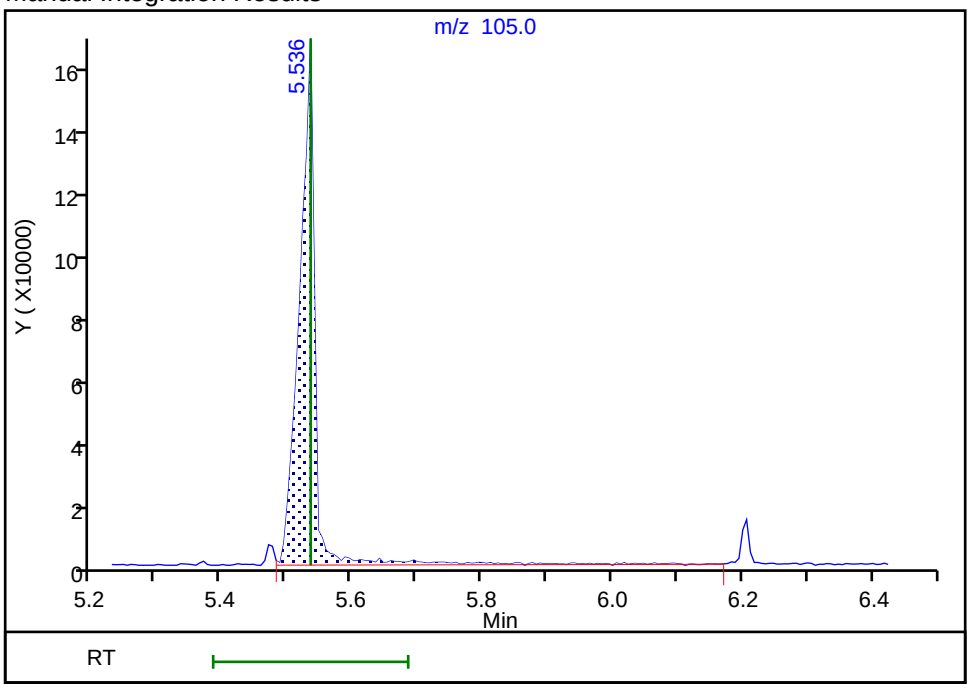
Not Detected
Expected RT: 5.54

Processing Integration Results



Manual Integration Results

RT: 5.54
Area: 264466
Amount: 1935.0814
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:42:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

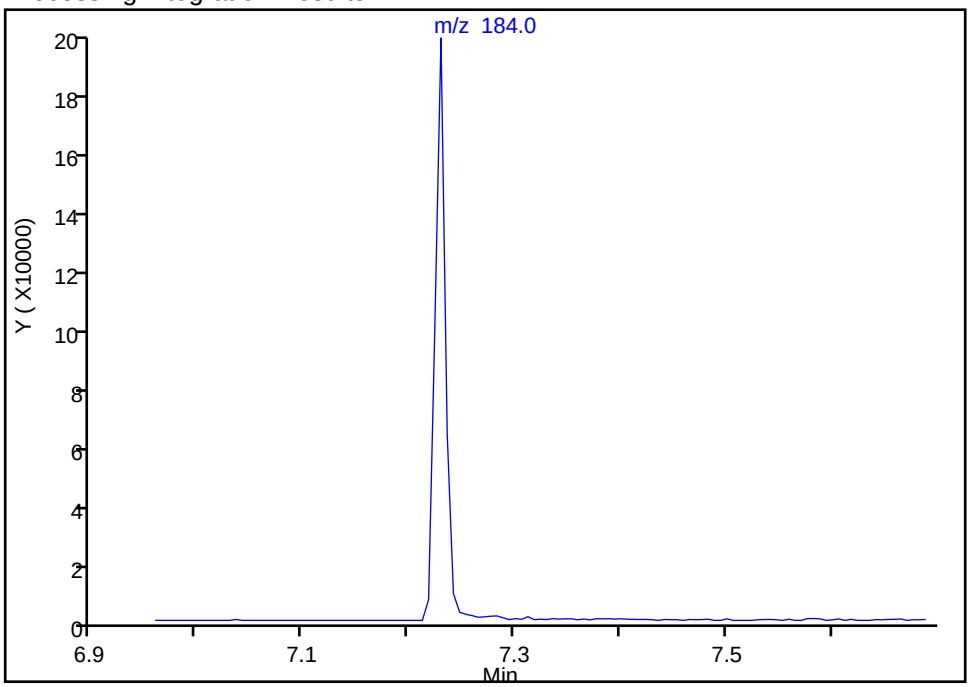
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a010.D
Injection Date: 03-Mar-2022 18:40:30 Instrument ID: TAC040
Lims ID: STD7IS
Client ID:
Operator ID: tl ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

69 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

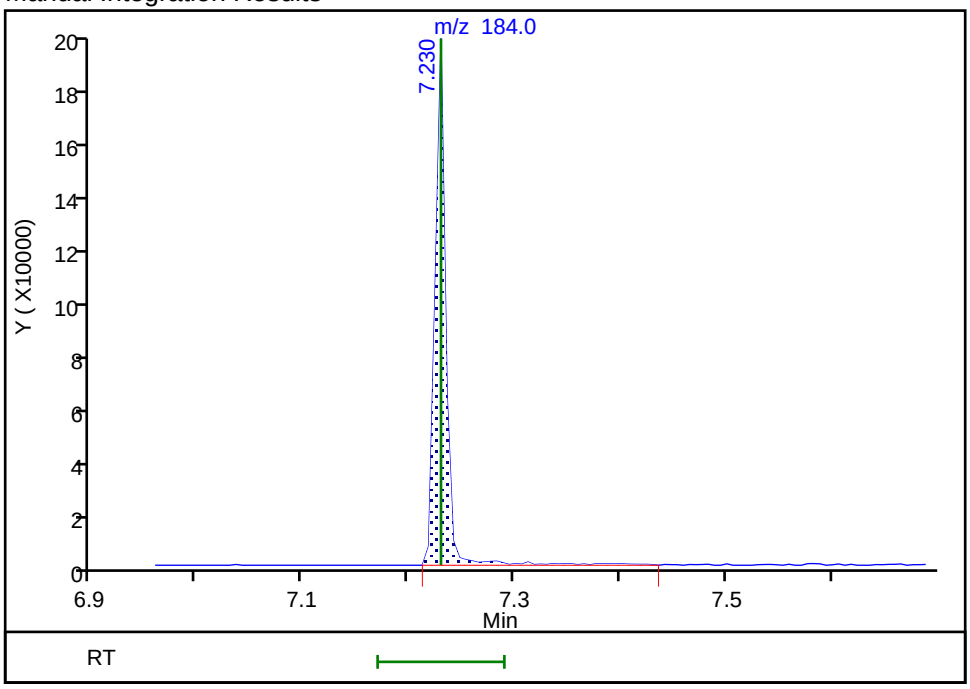
Not Detected
Expected RT: 7.23

Processing Integration Results



Manual Integration Results

RT: 7.23
Area: 140646
Amount: 1865.6041
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:42:46
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a011.D
Lims ID: STD6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 03-Mar-2022 19:03:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 6
Operator ID: tl Instrument ID: TAC040
Sublist: chrom-8270TAC040*sub20

Method: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 08-Mar-2022 14:31:18 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1601

First Level Reviewer: limmere Date: 04-Mar-2022 11:44:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.707	4.707	0.000	86	24028	100.0	100.0	
* 2 Naphthalene-d8	136	5.736	5.736	0.000	97	84987	100.0	100.0	
* 3 Acenaphthene-d10	164	7.172	7.172	0.000	73	45225	100.0	100.0	
* 4 Phenanthrene-d10	188	8.389	8.389	0.000	95	71154	100.0	100.0	
* 5 Chrysene-d12	240	10.595	10.595	0.000	78	58382	100.0	100.0	
* 6 Perylene-d12	264	12.112	12.112	0.000	93	61159	100.0	100.0	
$ 7 2-Fluorophenol	112	3.649	3.649	0.000	78	117294	500.0	517.6	
$ 8 Phenol-d5	99	4.413	4.413	0.000	97	123945	500.0	518.5	
$ 9 Nitrobenzene-d5	82	5.154	5.154	0.000	81	80987	500.0	496.1	
$ 10 2-Fluorobiphenyl	172	6.630	6.630	0.000	98	286712	500.0	496.3	
$ 11 2,4,6-Tribromophenol	330	7.819	7.819	0.000	85	64452	500.0	492.5	
$ 12 Terphenyl-d14	244	9.713	9.713	0.000	99	246747	500.0	479.4	
15 N-Nitrosodimethylamine	74	2.525	2.525	0.000	92	39020	500.0	527.5	
16 Pyridine	79	2.536	2.536	0.000	96	144789	1000.0	1048.6	
18 Phenol	94	4.425	4.425	0.000	92	115405	500.0	507.2	
17 Aniline	93	4.442	4.442	0.000	8	128365	500.0	535.7	a
19 Bis(2-chloroethyl)ether	93	4.507	4.507	0.000	90	90004	500.0	515.3	
20 2-Chlorophenol	128	4.531	4.531	0.000	54	146212	500.0	525.5	
21 n-Decane	57	4.595	4.595	0.000	91	59361	500.0	514.0	
22 1,3-Dichlorobenzene	146	4.660	4.660	0.000	94	170389	500.0	506.0	
23 1,4-Dichlorobenzene	146	4.719	4.719	0.000	97	171590	500.0	505.2	
27 Benzyl alcohol	79	4.825	4.825	0.000	93	58811	500.0	504.7	
24 1,2-Dichlorobenzene	146	4.842	4.842	0.000	87	165734	500.0	511.3	
28 2-Methylphenol	108	4.913	4.913	0.000	50	100797	500.0	508.7	a
25 2,2'-oxybis[1-chloropropane]	45	4.942	4.942	0.000	50	85116	500.0	529.1	
29 Acetophenone	105	5.036	5.036	0.000	93	144477	500.0	499.3	
32 3 & 4 Methylphenol	108	5.042	5.042	0.000	92	101414	500.0	517.6	a
30 N-Nitrosodi-n-propylamine	70	5.042	5.042	0.000	64	43727	500.0	549.3	
31 Hexachloroethane	117	5.113	5.113	0.000	88	70995	500.0	502.9	
33 Nitrobenzene	77	5.172	5.172	0.000	73	74161	500.0	514.2	
34 Isophorone	82	5.372	5.372	0.000	96	133227	500.0	478.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
35 2-Nitrophenol	139	5.430	5.430	0.000	76	78057	500.0	546.4	
37 2,4-Dimethylphenol	107	5.472	5.472	0.000	88	102299	500.0	487.9	
36 Benzoic acid	105	5.519	5.519	0.000	25	106968	1000.0	931.4	a
38 Bis(2-chloroethoxy)methane	93	5.560	5.560	0.000	91	112114	500.0	516.0	
39 2,4-Dichlorophenol	162	5.619	5.619	0.000	85	116749	500.0	503.2	
40 1,2,4-Trichlorobenzene	180	5.695	5.695	0.000	90	141706	500.0	499.5	
41 Naphthalene	128	5.754	5.754	0.000	95	390802	500.0	501.9	
42 2,6-Dichlorophenol	162	5.807	5.807	0.000	87	117967	500.0	509.0	
43 4-Chloroaniline	127	5.807	5.807	0.000	82	134833	500.0	461.2	
44 Hexachlorobutadiene	225	5.860	5.860	0.000	94	83126	500.0	496.2	
45 4-Chloro-3-methylphenol	107	6.201	6.201	0.000	85	80636	500.0	522.8	
46 2-Methylnaphthalene	142	6.325	6.325	0.000	80	252475	500.0	517.9	
47 1-Methylnaphthalene	142	6.401	6.401	0.000	92	241491	500.0	505.0	
48 Hexachlorocyclopentadiene	237	6.454	6.454	0.000	77	98988	500.0	480.8	
49 1,2,4,5-Tetrachlorobenzene	216	6.454	6.454	0.000	92	146669	500.0	498.8	
50 2,4,6-Trichlorophenol	196	6.554	6.554	0.000	84	85192	500.0	488.1	
51 2,4,5-Trichlorophenol	196	6.577	6.577	0.000	94	90847	500.0	526.1	
52 1,1'-Biphenyl	154	6.707	6.707	0.000	93	304514	500.0	500.0	
53 2-Chloronaphthalene	162	6.719	6.719	0.000	92	258183	500.0	510.5	
54 2-Nitroaniline	138	6.807	6.807	0.000	79	76277	500.0	486.0	
55 Dimethyl phthalate	163	6.972	6.972	0.000	97	268156	500.0	499.5	
56 1,3-Dinitrobenzene	168	6.983	6.983	0.000	80	35170	500.0	497.9	
57 2,6-Dinitrotoluene	165	7.013	7.013	0.000	76	60475	500.0	492.6	
58 Acenaphthylene	152	7.054	7.054	0.000	92	366645	500.0	501.3	
59 3-Nitroaniline	138	7.142	7.142	0.000	79	53816	500.0	468.6	
60 Acenaphthene	153	7.201	7.201	0.000	91	249296	500.0	499.0	
69 2,4-Dinitrophenol	184	7.230	7.230	0.000	58	55811	1000.0	882.7	a
63 4-Nitrophenol	109	7.283	7.283	0.000	66	42840	1000.0	860.3	
62 2,4-Dinitrotoluene	165	7.336	7.336	0.000	69	73400	500.0	479.6	
61 Dibenzofuran	168	7.342	7.342	0.000	90	336177	500.0	504.3	
64 2,3,5,6-Tetrachlorophenol	232	7.407	7.407	0.000	87	69987	500.0	507.7	
65 2,3,4,6-Tetrachlorophenol	232	7.442	7.442	0.000	64	74263	500.0	496.2	
66 Diethyl phthalate	149	7.554	7.554	0.000	95	276870	500.0	489.9	
67 Fluorene	166	7.624	7.624	0.000	82	268653	500.0	507.2	
68 4-Chlorophenyl phenyl ether	204	7.636	7.636	0.000	84	121591	500.0	477.3	
70 4-Nitroaniline	138	7.642	7.642	0.000	64	36728	500.0	515.0	
73 4,6-Dinitro-2-methylphenol	198	7.666	7.666	0.000	82	73052	1000.0	1007.2	
71 N-Nitrosodiphenylamine	169	7.730	7.730	0.000	58	175764	500.0	519.1	
72 Azobenzene	77	7.760	7.760	0.000	94	152834	500.0	519.0	
74 4-Bromophenyl phenyl ether	248	8.036	8.036	0.000	50	81842	500.0	496.0	
75 Hexachlorobenzene	284	8.066	8.066	0.000	88	115384	500.0	490.2	
76 Atrazine	200	8.177	8.177	0.000	94	64517	500.0	500.1	
77 Pentachlorophenol	266	8.230	8.230	0.000	90	114500	1000.0	1000.1	
78 n-Octadecane	43	8.342	8.342	0.000	95	57402	500.0	494.2	
79 Phenanthrene	178	8.407	8.407	0.000	96	373518	500.0	511.5	
80 Anthracene	178	8.448	8.448	0.000	96	361336	500.0	512.8	
81 Carbazole	167	8.583	8.583	0.000	82	284080	500.0	579.6	
83 Di-n-butyl phthalate	149	8.901	8.901	0.000	98	464864	500.0	519.6	
84 Fluoranthene	202	9.383	9.383	0.000	96	383678	500.0	528.0	
85 Benzidine	184	9.507	9.507	0.000	97	147489	1000.0	1037.0	
86 Pyrene	202	9.566	9.566	0.000	97	390445	500.0	521.7	
87 Butyl benzyl phthalate	149	10.130	10.130	0.000	89	180050	500.0	527.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
91 3,3'-Dichlorobenzidine	252	10.577	10.577	0.000	68	215204	1000.0	1044.9	
89 Benzo[a]anthracene	228	10.589	10.589	0.000	98	331118	500.0	498.0	
90 Chrysene	228	10.618	10.618	0.000	93	348885	500.0	496.3	
92 Bis(2-ethylhexyl) phthalate	149	10.665	10.665	0.000	88	251117	500.0	525.1	
93 Di-n-octyl phthalate	149	11.336	11.336	0.000	95	394379	500.0	478.5	
94 Benzo[b]fluoranthene	252	11.683	11.683	0.000	94	342402	500.0	502.5	
95 Benzofluoranthene	252	11.683	11.683	0.000	99	706929	1000.0	1018.9	a
96 Benzo[k]fluoranthene	252	11.718	11.718	0.000	97	369777	500.0	508.1	
97 Benzo[a]pyrene	252	12.048	12.048	0.000	73	301180	500.0	495.4	
98 Indeno[1,2,3-cd]pyrene	276	13.371	13.371	0.000	98	307442	500.0	519.3	
99 Dibenz(a,h)anthracene	278	13.412	13.412	0.000	73	326828	500.0	493.8	
100 Benzo[g,h,i]perylene	276	13.683	13.683	0.000	94	375609	500.0	509.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ccv_8270_1000_00057	Amount Added:	0.50	Units: mL
8270SIM_IS_00069	Amount Added:	5.00	Units: uL

Report Date: 08-Mar-2022 14:31:20 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a011.D

Injection Date: 03-Mar-2022 19:03:30 Instrument ID: TAC040

Lims ID: STD6

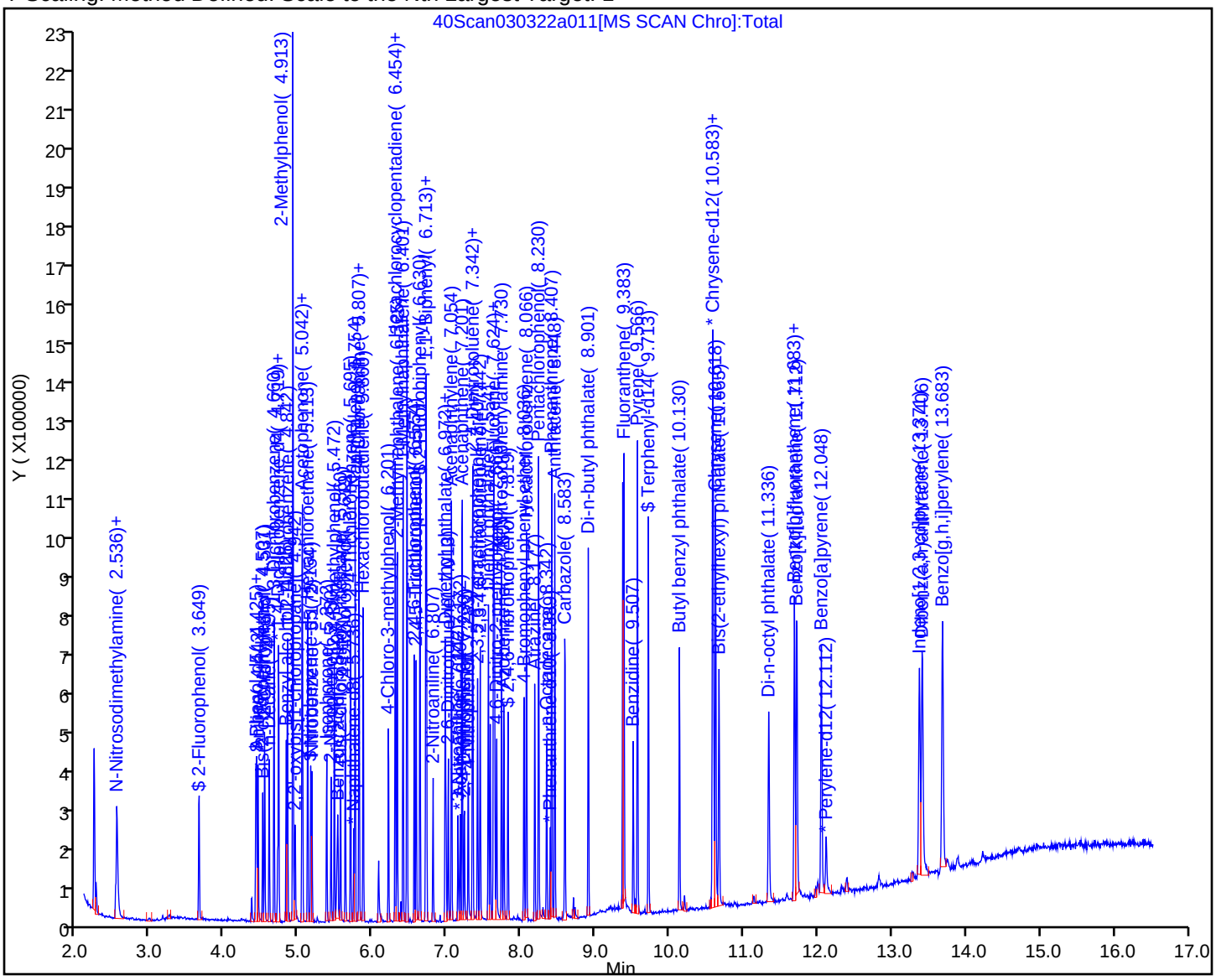
Client ID:

Operator ID: tl ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

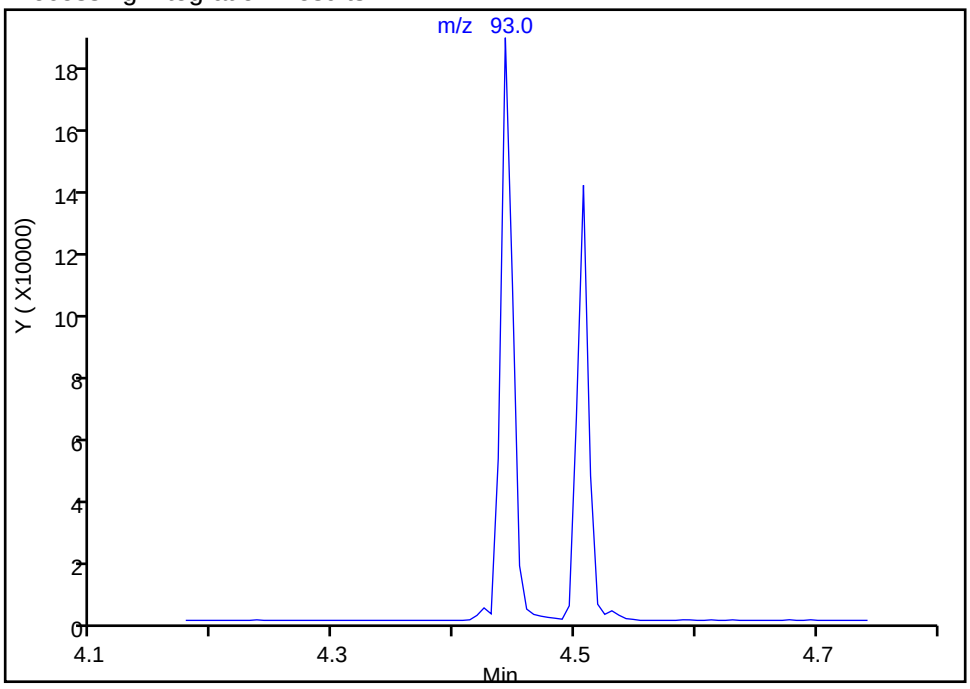
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a011.D
Injection Date: 03-Mar-2022 19:03:30 Instrument ID: TAC040
Lims ID: STD6
Client ID:
Operator ID: tl ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

17 Aniline, CAS: 62-53-3

Signal: 1

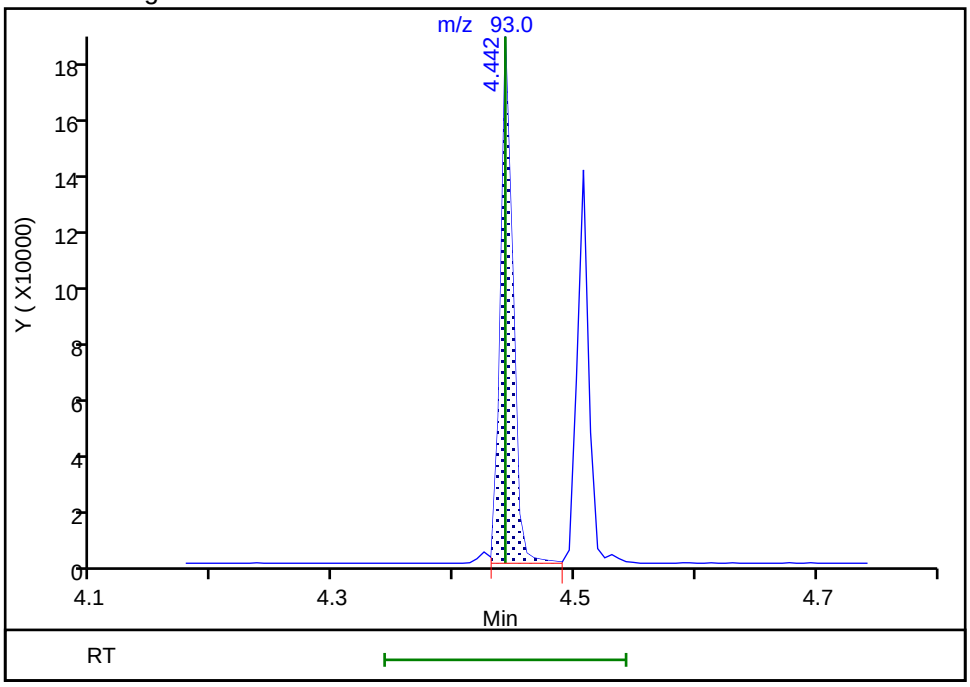
Not Detected
Expected RT: 4.44

Processing Integration Results



Manual Integration Results

RT: 4.44
Area: 128365
Amount: 535.6825
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:43:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

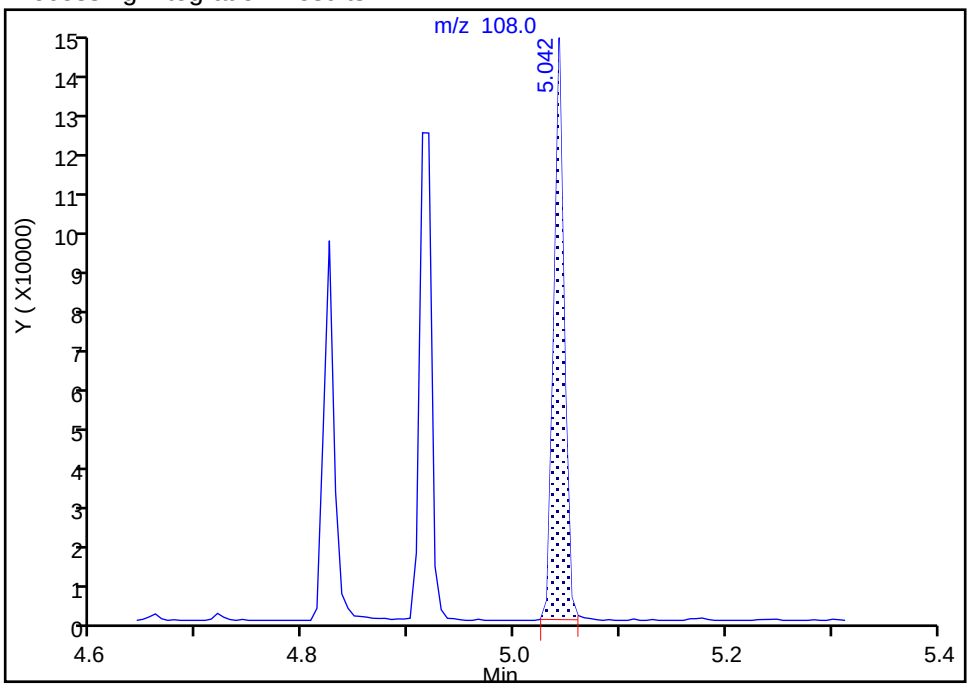
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a011.D
Injection Date: 03-Mar-2022 19:03:30 Instrument ID: TAC040
Lims ID: STD6
Client ID:
Operator ID: tl ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

28 2-Methylphenol, CAS: 95-48-7

Signal: 1

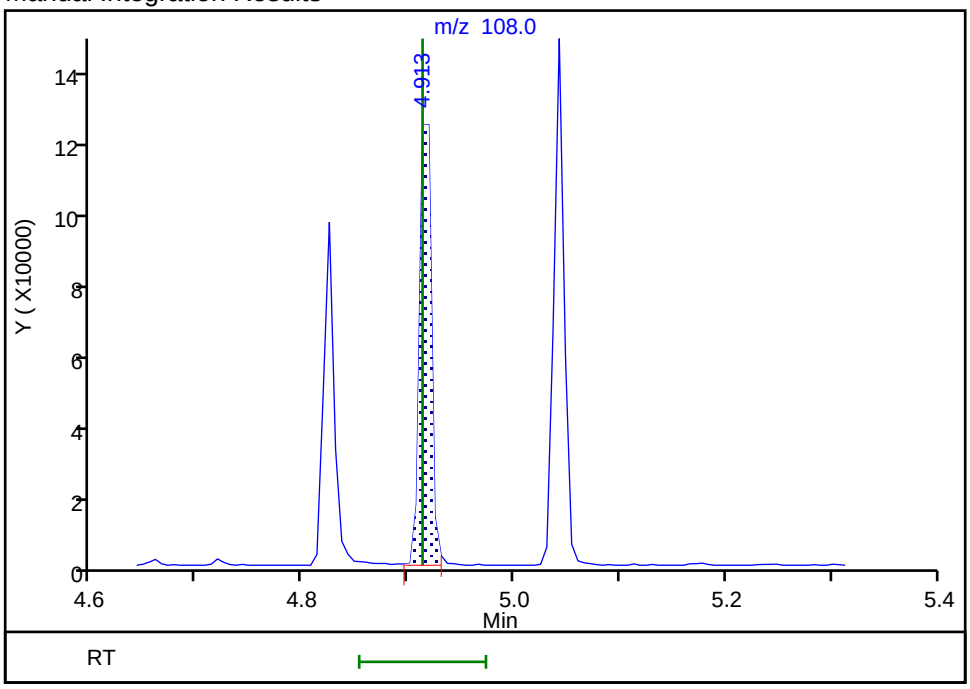
Processing Integration Results

RT: 5.04
Area: 101414
Amount: 521.9883
Amount Units: ug/L



Manual Integration Results

RT: 4.91
Area: 100797
Amount: 508.6905
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:55:13
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

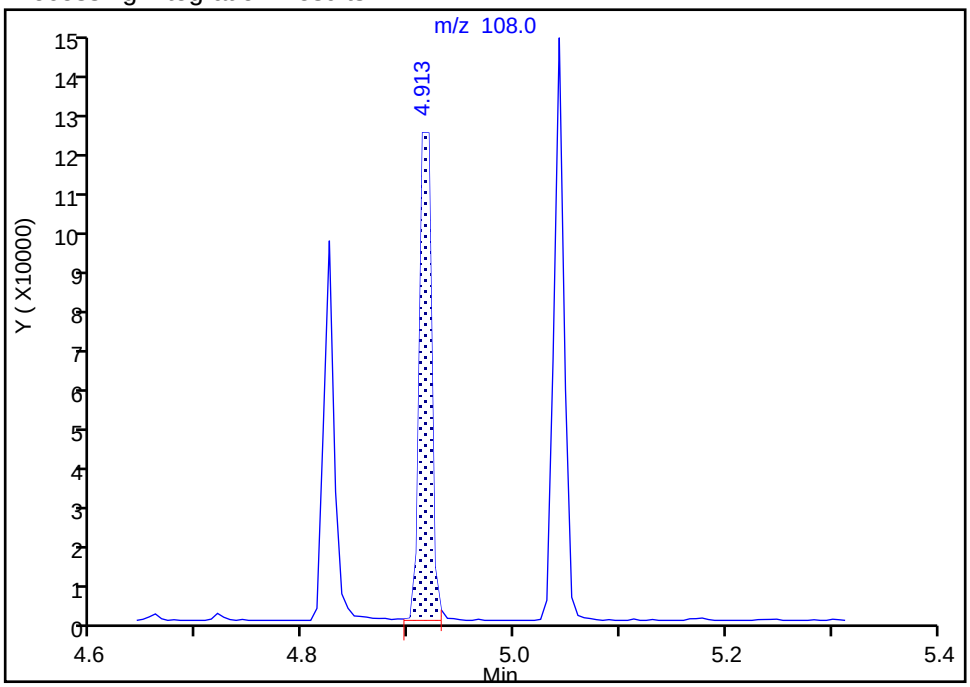
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a011.D
Injection Date: 03-Mar-2022 19:03:30 Instrument ID: TAC040
Lims ID: STD6
Client ID:
Operator ID: tl ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

32 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

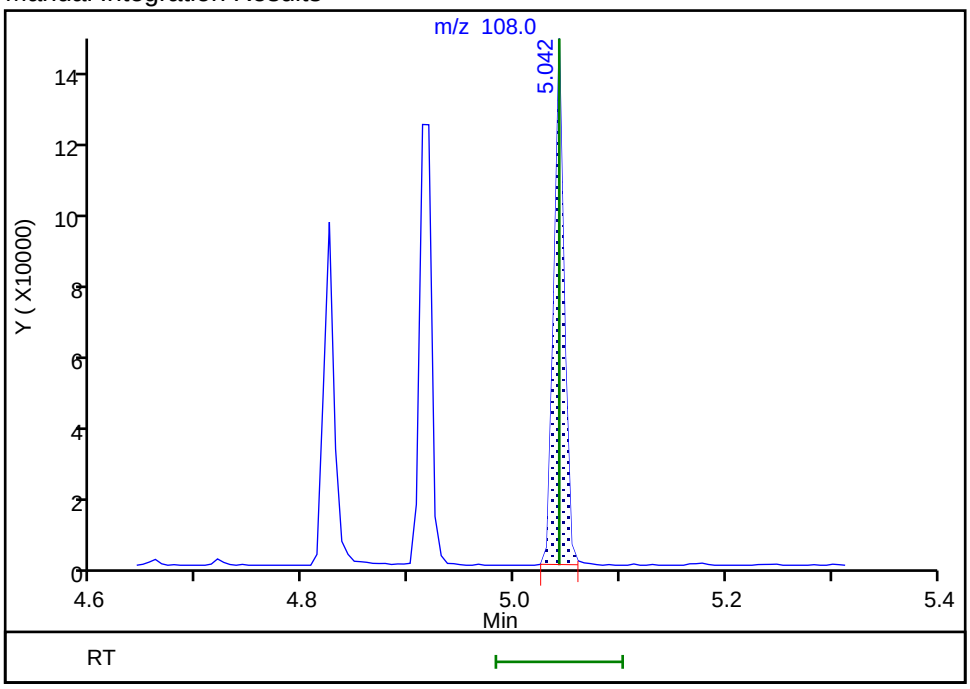
Processing Integration Results

RT: 4.91
Area: 100797
Amount: 506.8530
Amount Units: ug/L



Manual Integration Results

RT: 5.04
Area: 101414
Amount: 517.5928
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:55:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

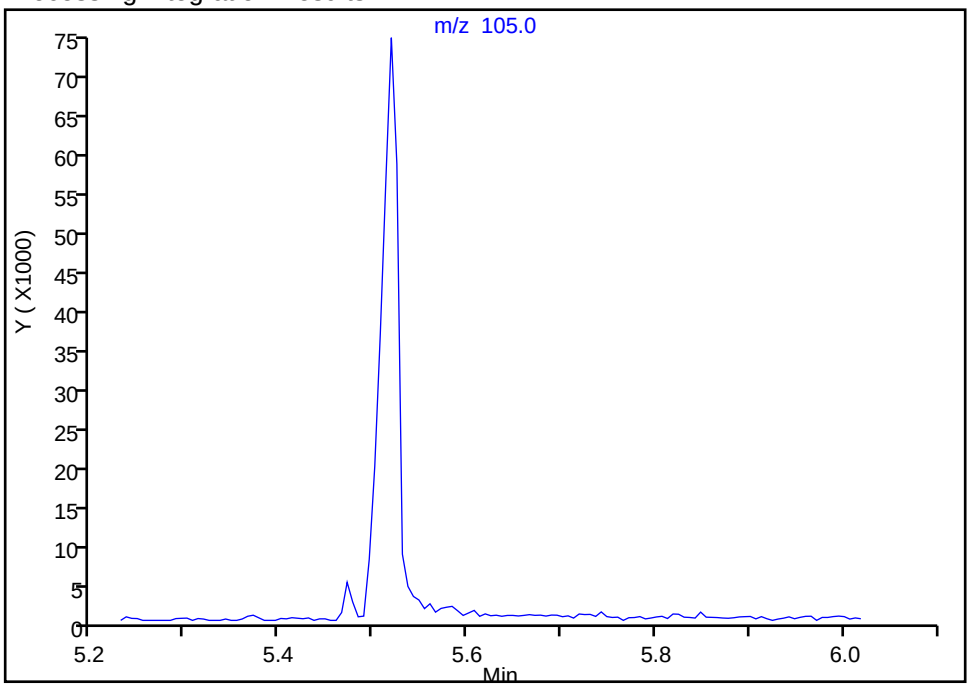
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a011.D
Injection Date: 03-Mar-2022 19:03:30 Instrument ID: TAC040
Lims ID: STD6
Client ID:
Operator ID: tl ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

36 Benzoic acid, CAS: 65-85-0

Signal: 1

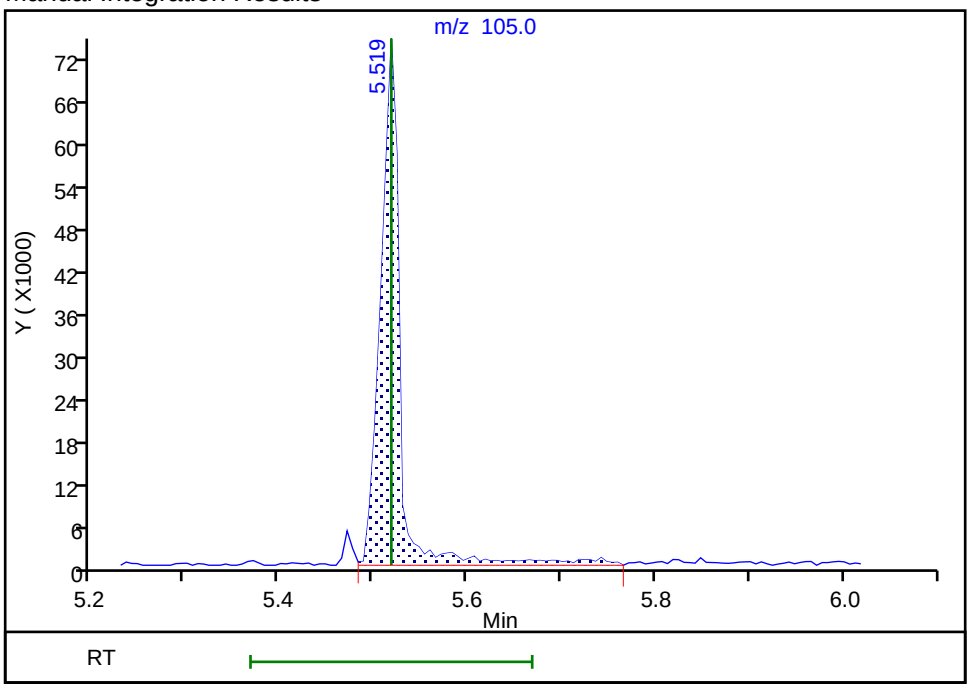
Not Detected
Expected RT: 5.52

Processing Integration Results



Manual Integration Results

RT: 5.52
Area: 106968
Amount: 931.4110
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:43:50
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

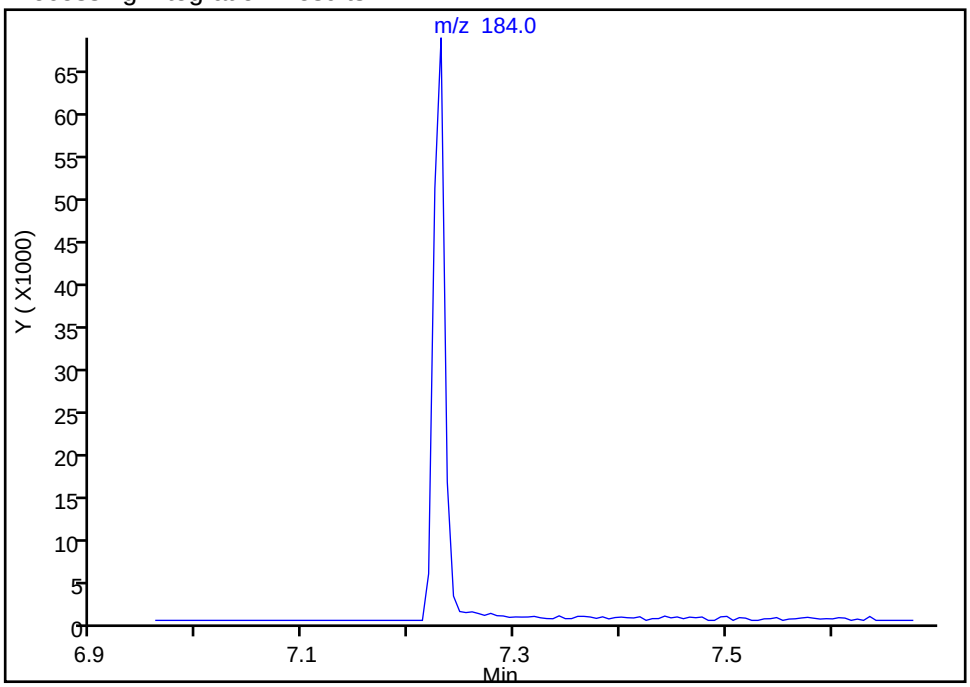
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a011.D
Injection Date: 03-Mar-2022 19:03:30 Instrument ID: TAC040
Lims ID: STD6
Client ID:
Operator ID: tl ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

69 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

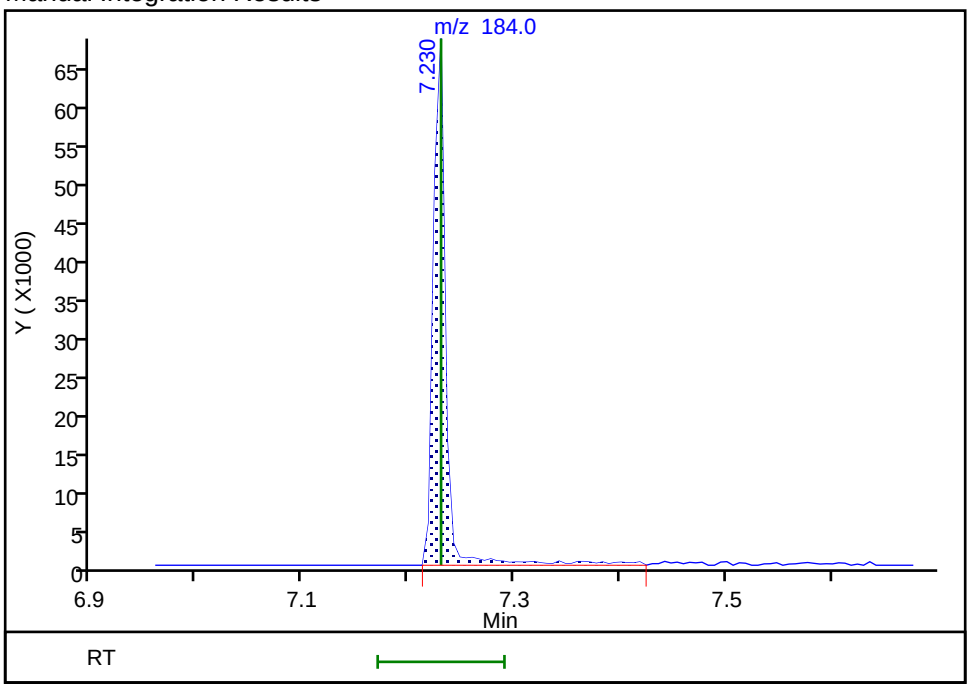
Not Detected
Expected RT: 7.23

Processing Integration Results



Manual Integration Results

RT: 7.23
Area: 55811
Amount: 882.7408
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:44:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

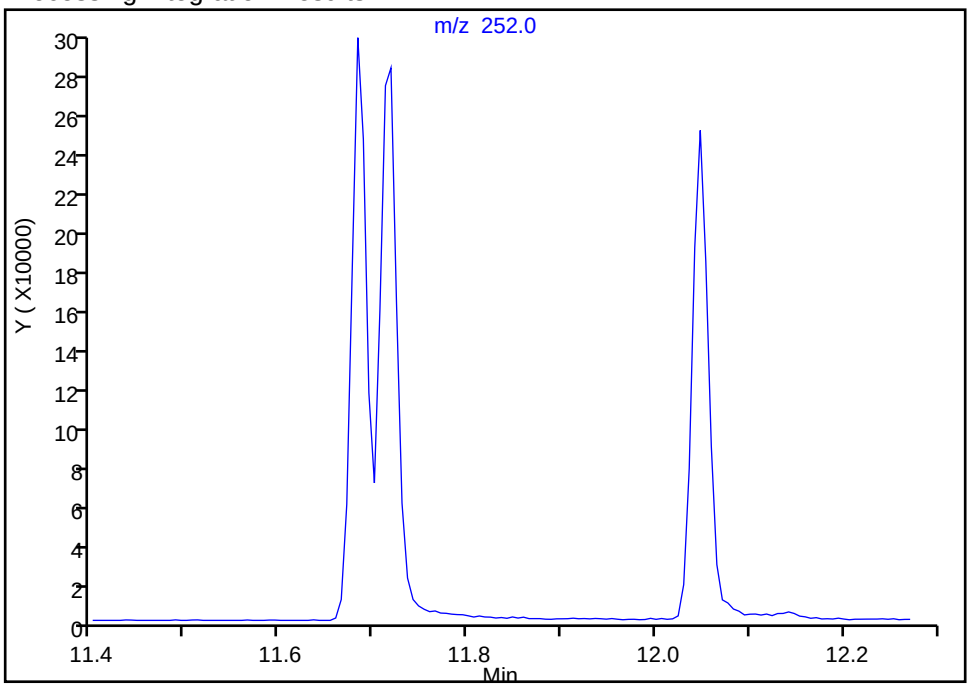
Data File:	\\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a011.D				
Injection Date:	03-Mar-2022 19:03:30	Instrument ID:	TAC040		
Lims ID:	STD6				
Client ID:					
Operator ID:	tl	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

95 Benzofluoranthene, CAS: 56832-73-6

Signal: 1

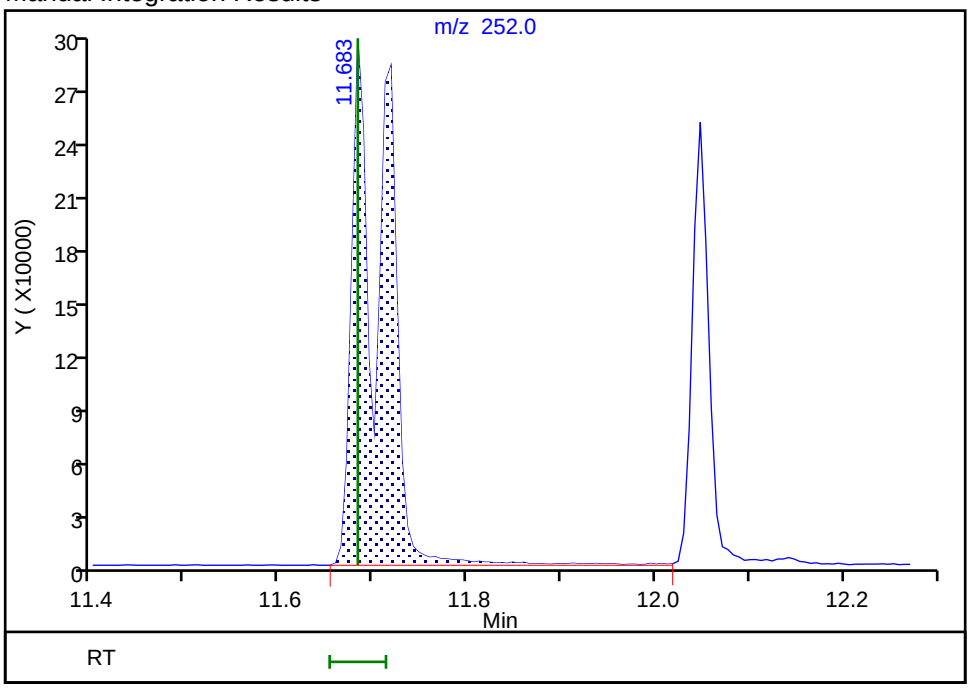
Not Detected
Expected RT: 11.68

Processing Integration Results



Manual Integration Results

RT: 11.68
Area: 706929
Amount: 1018.8514
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:44:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a012.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 03-Mar-2022 19:26:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 5
Operator ID: tl Instrument ID: TAC040
Sublist: chrom-8270TAC040*sub20

Method: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 08-Mar-2022 14:31:23 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1601

First Level Reviewer: limmere Date: 04-Mar-2022 11:45:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.707	4.707	0.000	86	24661	100.0	100.0	
* 2 Naphthalene-d8	136	5.736	5.736	0.000	96	80174	100.0	100.0	
* 3 Acenaphthene-d10	164	7.172	7.172	0.000	88	44535	100.0	100.0	
* 4 Phenanthrene-d10	188	8.389	8.389	0.000	94	67771	100.0	100.0	
* 5 Chrysene-d12	240	10.595	10.595	0.000	96	54032	100.0	100.0	
* 6 Perylene-d12	264	12.112	12.112	0.000	96	54419	100.0	100.0	
$ 7 2-Fluorophenol	112	3.643	3.649	-0.006	78	43969	200.0	189.0	
$ 8 Phenol-d5	99	4.413	4.413	0.000	97	46773	200.0	190.6	
$ 9 Nitrobenzene-d5	82	5.154	5.154	0.000	80	33415	200.0	217.0	
$ 10 2-Fluorobiphenyl	172	6.630	6.630	0.000	98	113928	200.0	200.3	
$ 11 2,4,6-Tribromophenol	330	7.819	7.819	0.000	80	23823	200.0	197.2	
$ 12 Terphenyl-d14	244	9.713	9.713	0.000	98	90911	200.0	189.7	
15 N-Nitrosodimethylamine	74	2.520	2.525	-0.005	84	14607	200.0	192.4	
16 Pyridine	79	2.536	2.536	0.000	96	57461	400.0	405.4	
18 Phenol	94	4.425	4.425	0.000	91	44855	200.0	192.1	
17 Aniline	93	4.442	4.442	0.000	67	46041	200.0	190.9	
19 Bis(2-chloroethyl)ether	93	4.507	4.507	0.000	90	37759	200.0	210.6	
20 2-Chlorophenol	128	4.531	4.531	0.000	54	58679	200.0	205.5	
21 n-Decane	57	4.595	4.595	0.000	90	24533	200.0	205.3	
22 1,3-Dichlorobenzene	146	4.660	4.660	0.000	93	67866	200.0	196.3	
23 1,4-Dichlorobenzene	146	4.719	4.719	0.000	97	68740	200.0	196.5	
27 Benzyl alcohol	79	4.825	4.825	0.000	89	22269	200.0	186.2	
24 1,2-Dichlorobenzene	146	4.842	4.842	0.000	86	66684	200.0	200.5	
28 2-Methylphenol	108	4.913	4.913	0.000	51	39136	200.0	192.4	a
25 2,2'-oxybis[1-chloropropane]	45	4.942	4.942	0.000	50	34283	200.0	206.5	
29 Acetophenone	105	5.036	5.036	0.000	93	57575	200.0	193.9	
32 3 & 4 Methylphenol	108	5.042	5.042	0.000	94	39458	200.0	196.2	a
30 N-Nitrosodi-n-propylamine	70	5.042	5.042	0.000	67	15345	200.0	187.8	
31 Hexachloroethane	117	5.113	5.113	0.000	95	27914	200.0	192.9	
33 Nitrobenzene	77	5.172	5.172	0.000	71	28235	200.0	190.8	
34 Isophorone	82	5.372	5.372	0.000	97	51177	200.0	181.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
35 2-Nitrophenol	139	5.431	5.430	0.001	76	29157	200.0	198.9	
37 2,4-Dimethylphenol	107	5.472	5.472	0.000	87	40569	200.0	207.2	
36 Benzoic acid	105	5.507	5.519	-0.012	27	30187	400.0	358.2	a
38 Bis(2-chloroethoxy)methane	93	5.560	5.560	0.000	90	43931	200.0	197.0	
39 2,4-Dichlorophenol	162	5.619	5.619	0.000	84	45356	200.0	208.3	
40 1,2,4-Trichlorobenzene	180	5.695	5.695	0.000	89	56322	200.0	210.4	
41 Naphthalene	128	5.754	5.754	0.000	94	156214	200.0	212.7	
42 2,6-Dichlorophenol	162	5.807	5.807	0.000	89	44571	200.0	195.3	
43 4-Chloroaniline	127	5.807	5.807	0.000	82	51754	200.0	202.0	
44 Hexachlorobutadiene	225	5.860	5.860	0.000	90	34224	200.0	215.9	
45 4-Chloro-3-methylphenol	107	6.201	6.201	0.000	85	28139	200.0	185.3	
46 2-Methylnaphthalene	142	6.325	6.325	0.000	71	97177	200.0	211.3	
47 1-Methylnaphthalene	142	6.401	6.401	0.000	91	96763	200.0	214.5	
49 1,2,4,5-Tetrachlorobenzene	216	6.454	6.454	0.000	93	58040	200.0	200.4	
48 Hexachlorocyclopentadiene	237	6.454	6.454	0.000	74	36391	200.0	182.5	
50 2,4,6-Trichlorophenol	196	6.554	6.554	0.000	83	31180	200.0	186.8	
51 2,4,5-Trichlorophenol	196	6.578	6.577	0.001	91	29577	200.0	182.8	
52 1,1'-Biphenyl	154	6.707	6.707	0.000	94	121057	200.0	201.8	
53 2-Chloronaphthalene	162	6.719	6.719	0.000	91	98741	200.0	198.3	
54 2-Nitroaniline	138	6.807	6.807	0.000	66	26593	200.0	179.7	
55 Dimethyl phthalate	163	6.972	6.972	0.000	97	105600	200.0	199.1	
56 1,3-Dinitrobenzene	168	6.983	6.983	0.000	78	11593	200.0	176.3	
57 2,6-Dinitrotoluene	165	7.013	7.013	0.000	76	21882	200.0	193.6	
58 Acenaphthylene	152	7.054	7.054	0.000	91	146090	200.0	202.8	
59 3-Nitroaniline	138	7.142	7.142	0.000	81	16881	200.0	180.6	
60 Acenaphthene	153	7.195	7.201	-0.006	91	98814	200.0	200.8	
69 2,4-Dinitrophenol	184	7.230	7.230	0.000	55	12646	400.0	350.4	a
63 4-Nitrophenol	109	7.278	7.283	-0.005	71	12048	400.0	322.8	
62 2,4-Dinitrotoluene	165	7.336	7.336	0.000	64	24679	200.0	178.7	
61 Dibenzofuran	168	7.342	7.342	0.000	88	135020	200.0	205.7	
64 2,3,5,6-Tetrachlorophenol	232	7.407	7.407	0.000	89	24318	200.0	188.7	
65 2,3,4,6-Tetrachlorophenol	232	7.442	7.442	0.000	65	26871	200.0	190.9	
66 Diethyl phthalate	149	7.554	7.554	0.000	94	109280	200.0	196.4	
67 Fluorene	166	7.625	7.624	0.001	83	103219	200.0	197.9	
68 4-Chlorophenyl phenyl ether	204	7.630	7.636	-0.006	87	49757	200.0	198.4	
70 4-Nitroaniline	138	7.636	7.642	-0.006	59	16423	200.0	233.8	
73 4,6-Dinitro-2-methylphenol	198	7.666	7.666	0.000	75	21385	400.0	364.2	
71 N-Nitrosodiphenylamine	169	7.730	7.730	0.000	58	68919	200.0	213.7	
72 Azobenzene	77	7.760	7.760	0.000	94	58093	200.0	207.1	
74 4-Bromophenyl phenyl ether	248	8.036	8.036	0.000	47	30863	200.0	196.4	
75 Hexachlorobenzene	284	8.066	8.066	0.000	87	43383	200.0	193.4	
76 Atrazine	200	8.177	8.177	0.000	90	23422	200.0	186.3	
77 Pentachlorophenol	266	8.230	8.230	0.000	91	36932	400.0	383.6	
78 n-Octadecane	43	8.342	8.342	0.000	92	21762	200.0	196.7	
79 Phenanthrene	178	8.407	8.407	0.000	95	145360	200.0	209.0	
80 Anthracene	178	8.448	8.448	0.000	96	137121	200.0	204.4	
81 Carbazole	167	8.583	8.583	0.000	82	111925	200.0	239.8	
83 Di-n-butyl phthalate	149	8.901	8.901	0.000	98	172068	200.0	202.9	
84 Fluoranthene	202	9.383	9.383	0.000	96	148035	200.0	213.9	
85 Benzidine	184	9.507	9.507	0.000	93	44020	400.0	348.6	
86 Pyrene	202	9.566	9.566	0.000	98	151459	200.0	212.5	
87 Butyl benzyl phthalate	149	10.130	10.130	0.000	89	63500	200.0	201.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
91 3,3'-Dichlorobenzidine	252	10.577	10.577	0.000	70	80469	400.0	429.8	
89 Benzo[a]anthracene	228	10.583	10.589	-0.006	99	123645	200.0	201.8	
90 Chrysene	228	10.618	10.618	0.000	93	137413	200.0	211.6	
92 Bis(2-ethylhexyl) phthalate	149	10.666	10.665	0.001	87	86928	200.0	196.4	
93 Di-n-octyl phthalate	149	11.336	11.336	0.000	95	120505	200.0	179.7	
94 Benzo[b]fluoranthene	252	11.683	11.683	0.000	94	130823	200.0	215.8	
95 Benzofluoranthene	252	11.713	11.683	0.029	98	259823	400.0	420.8	
96 Benzo[k]fluoranthene	252	11.713	11.718	-0.006	98	129758	200.0	200.4	
97 Benzo[a]pyrene	252	12.048	12.048	0.000	73	108763	200.0	202.6	
98 Indeno[1,2,3-cd]pyrene	276	13.371	13.371	0.000	97	107033	200.0	206.3	
99 Dibenz(a,h)anthracene	278	13.407	13.412	-0.005	1	112610	200.0	192.8	
100 Benzo[g,h,i]perylene	276	13.683	13.683	0.000	90	131988	200.0	201.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ccv_8270_1000_00057	Amount Added:	0.20	Units: mL
8270SIM_IS_00069	Amount Added:	8.00	Units: uL

Report Date: 08-Mar-2022 14:31:25 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a012.D

Injection Date: 03-Mar-2022 19:26:30 Instrument ID: TAC040

Lims ID: STD5

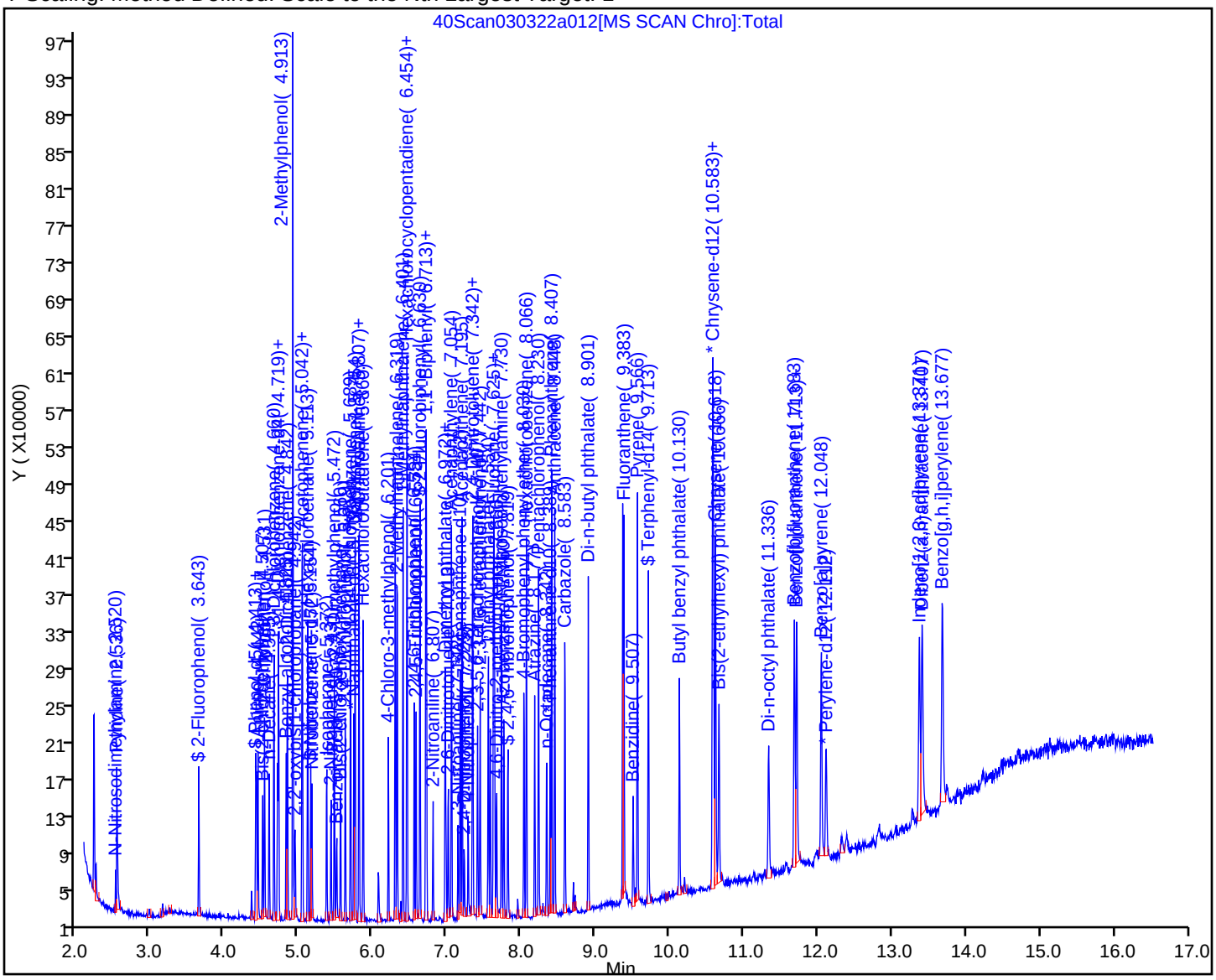
Client ID:

Operator ID: tl ALS Bottle#: 9 Worklist Smp#: 9

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

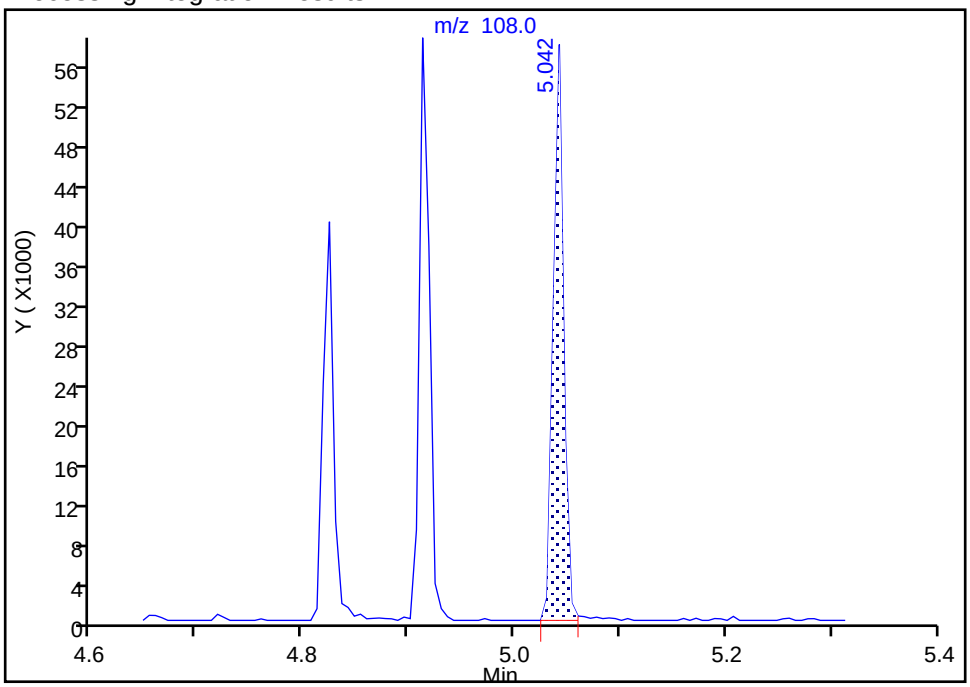
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a012.D
Injection Date: 03-Mar-2022 19:26:30 Instrument ID: TAC040
Lims ID: STD5
Client ID:
Operator ID: tl ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

28 2-Methylphenol, CAS: 95-48-7

Signal: 1

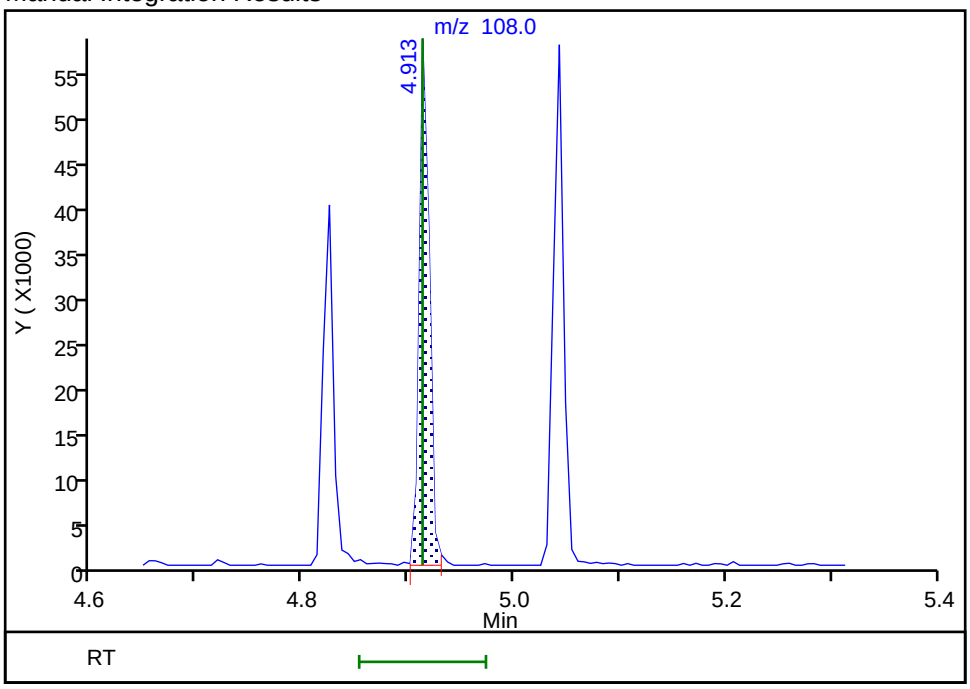
Processing Integration Results

RT: 5.04
Area: 39458
Amount: 198.0071
Amount Units: ug/L



Manual Integration Results

RT: 4.91
Area: 39136
Amount: 192.4373
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:55:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

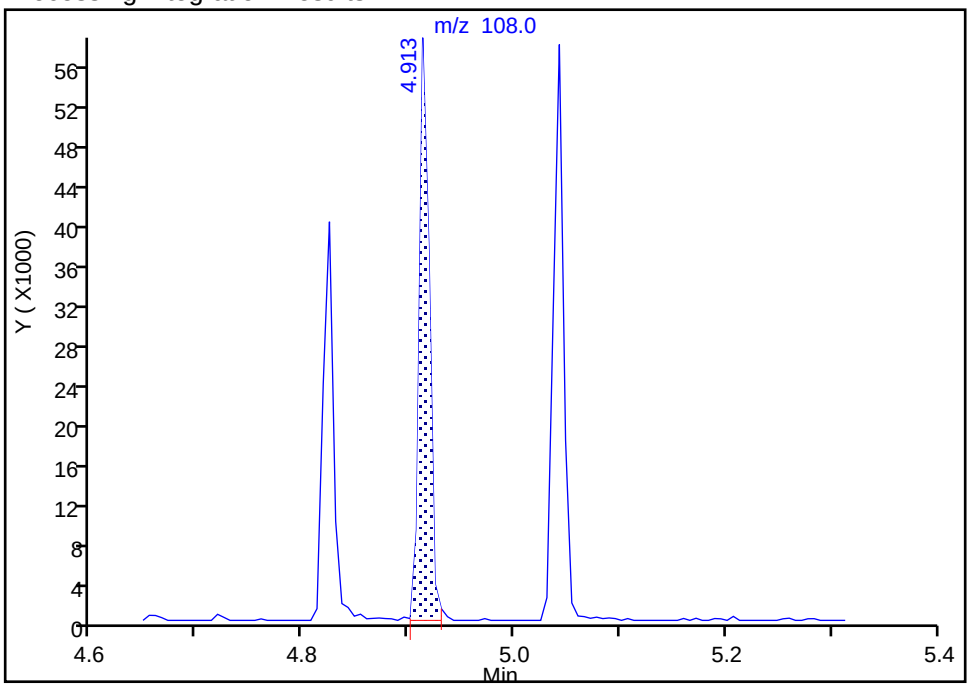
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a012.D
Injection Date: 03-Mar-2022 19:26:30 Instrument ID: TAC040
Lims ID: STD5
Client ID:
Operator ID: tl ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

32 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

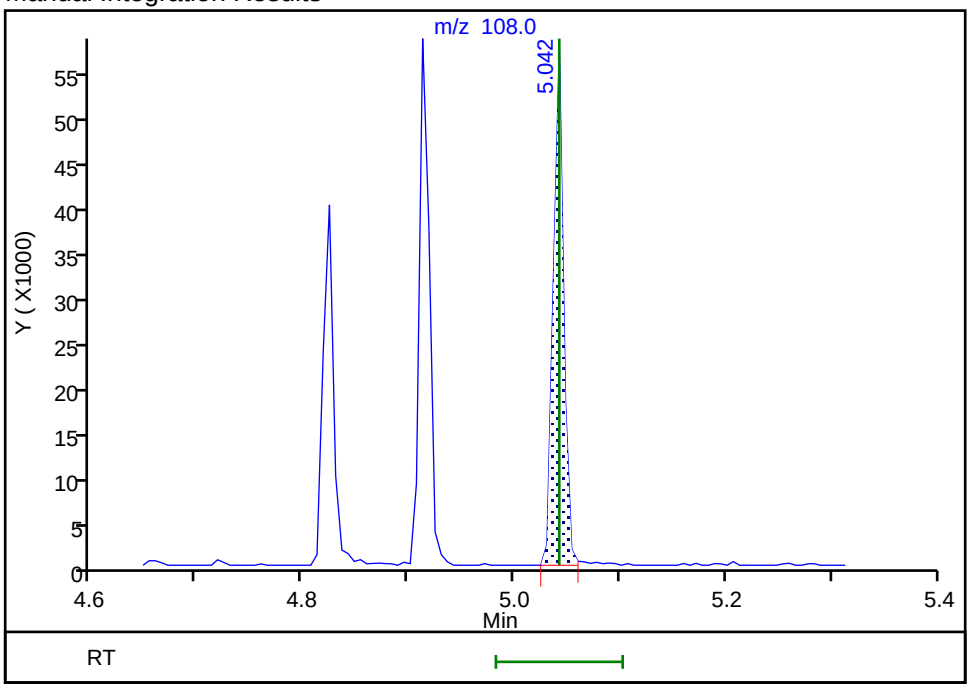
Processing Integration Results

RT: 4.91
Area: 39136
Amount: 191.6233
Amount Units: ug/L



Manual Integration Results

RT: 5.04
Area: 39458
Amount: 196.2150
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:55:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

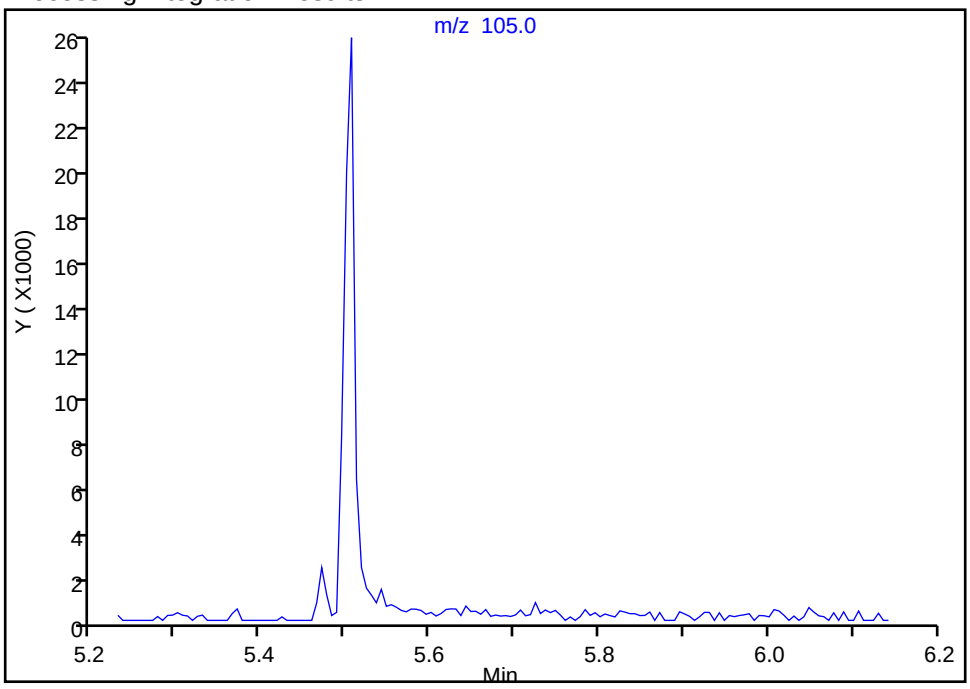
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a012.D
Injection Date: 03-Mar-2022 19:26:30 Instrument ID: TAC040
Lims ID: STD5
Client ID:
Operator ID: tl ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

36 Benzoic acid, CAS: 65-85-0

Signal: 1

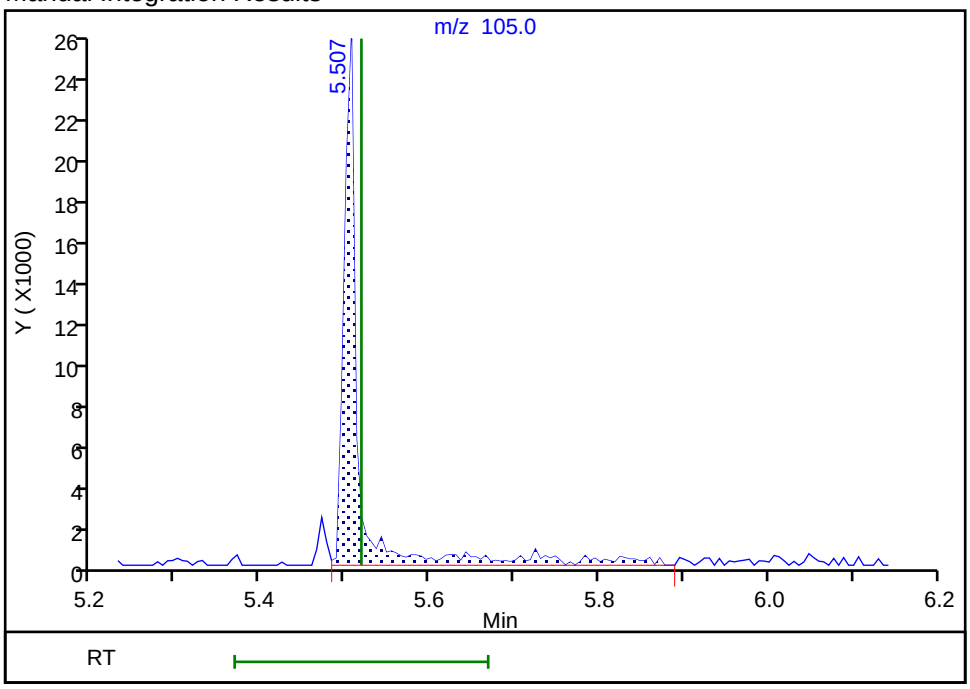
Not Detected
Expected RT: 5.52

Processing Integration Results



Manual Integration Results

RT: 5.51
Area: 30187
Amount: 358.2482
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:45:05
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

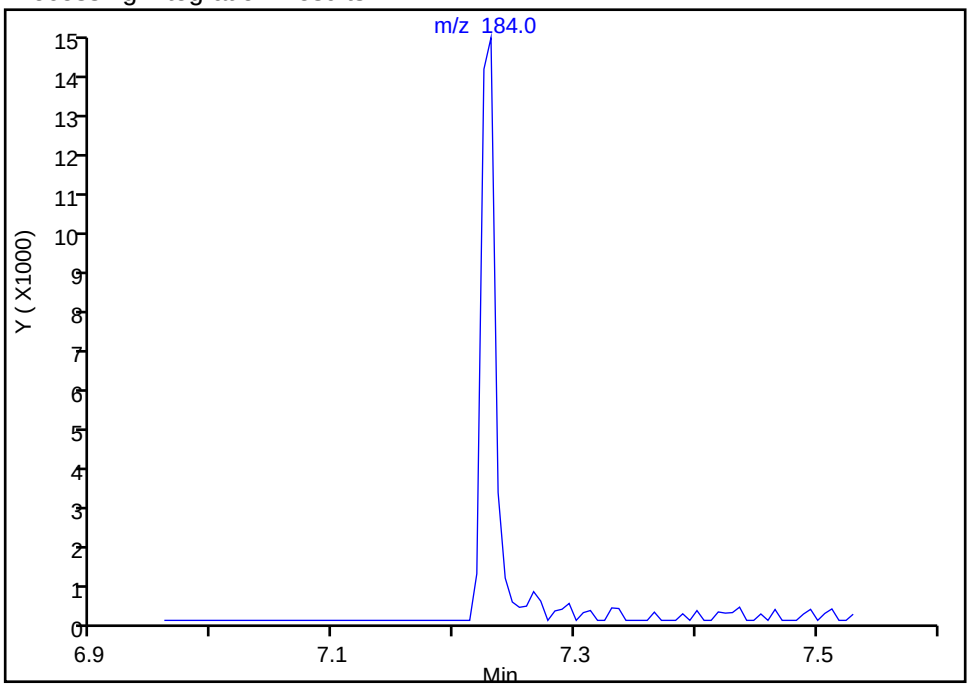
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a012.D
Injection Date: 03-Mar-2022 19:26:30 Instrument ID: TAC040
Lims ID: STD5
Client ID:
Operator ID: tl ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

69 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

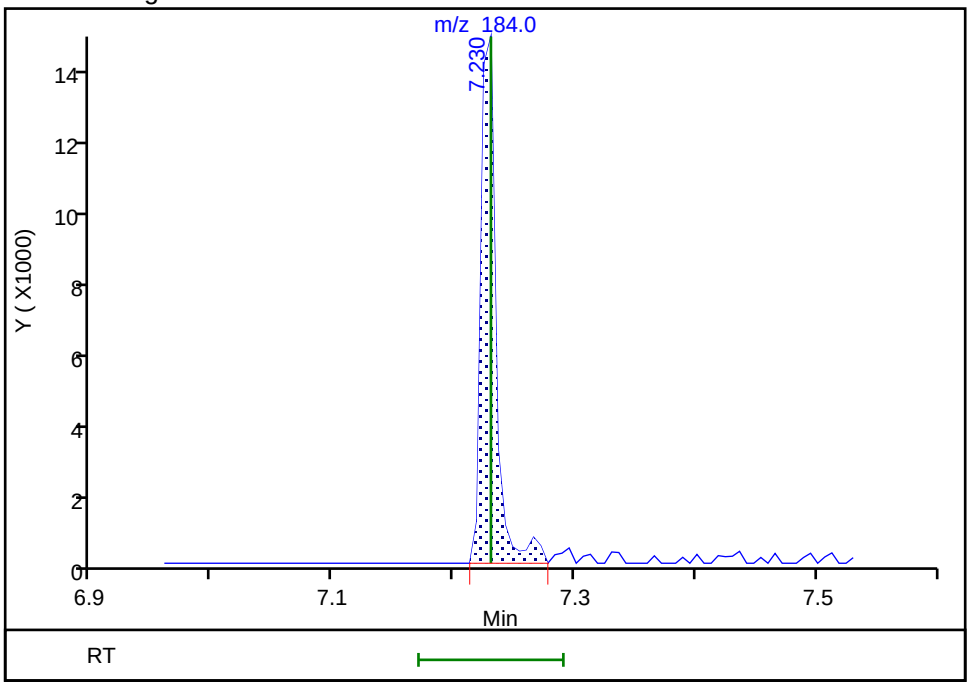
Not Detected
Expected RT: 7.23

Processing Integration Results



Manual Integration Results

RT: 7.23
Area: 12646
Amount: 350.4035
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:45:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a013.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 03-Mar-2022 19:49:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 4
Operator ID: tl Instrument ID: TAC040
Sublist: chrom-8270TAC040*sub20

Method: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 08-Mar-2022 14:31:28 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1601

First Level Reviewer: limmere Date: 04-Mar-2022 11:45:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.707	4.707	0.000	88	23938	100.0	100.0	
* 2 Naphthalene-d8	136	5.736	5.736	0.000	97	82131	100.0	100.0	
* 3 Acenaphthene-d10	164	7.172	7.172	0.000	88	43490	100.0	100.0	
* 4 Phenanthrene-d10	188	8.389	8.389	0.000	95	66654	100.0	100.0	
* 5 Chrysene-d12	240	10.595	10.595	0.000	93	48572	100.0	100.0	
* 6 Perylene-d12	264	12.112	12.112	0.000	94	54980	100.0	100.0	
$ 7 2-Fluorophenol	112	3.643	3.649	-0.006	74	23885	100.0	105.8	
$ 8 Phenol-d5	99	4.413	4.413	0.000	96	23332	100.0	98.0	
$ 9 Nitrobenzene-d5	82	5.154	5.154	0.000	75	16062	100.0	101.8	
$ 10 2-Fluorobiphenyl	172	6.630	6.630	0.000	97	58743	100.0	105.7	
$ 11 2,4,6-Tribromophenol	330	7.819	7.819	0.000	64	9763	100.0	86.7	
$ 12 Terphenyl-d14	244	9.713	9.713	0.000	94	45341	100.0	99.6	
15 N-Nitrosodimethylamine	74	2.520	2.525	-0.005	71	7274	100.0	98.7	
16 Pyridine	79	2.542	2.536	0.006	91	28242	200.0	205.3	
18 Phenol	94	4.425	4.425	0.000	89	23334	100.0	102.9	
17 Aniline	93	4.442	4.442	0.000	17	25100	100.0	109.1	a
19 Bis(2-chloroethyl)ether	93	4.507	4.507	0.000	87	18691	100.0	107.4	
20 2-Chlorophenol	128	4.531	4.531	0.000	53	29224	100.0	105.4	
21 n-Decane	57	4.595	4.595	0.000	88	12829	100.0	109.3	
22 1,3-Dichlorobenzene	146	4.660	4.660	0.000	91	36433	100.0	108.5	
23 1,4-Dichlorobenzene	146	4.719	4.719	0.000	97	38932	100.0	114.2	
27 Benzyl alcohol	79	4.825	4.825	0.000	87	11704	100.0	100.8	
24 1,2-Dichlorobenzene	146	4.836	4.842	-0.006	86	35108	100.0	108.8	
28 2-Methylphenol	108	4.913	4.913	0.000	49	20409	100.0	103.4	a
25 2,2'-oxybis[1-chloropropane]	45	4.942	4.942	0.000	50	17481	100.0	107.6	
29 Acetophenone	105	5.036	5.036	0.000	92	30741	100.0	106.6	
32 3 & 4 Methylphenol	108	5.042	5.042	0.000	89	21943	100.0	112.4	a
30 N-Nitrosodi-n-propylamine	70	5.042	5.042	0.000	68	8624	100.0	108.7	
31 Hexachloroethane	117	5.113	5.113	0.000	90	15331	100.0	109.4	
33 Nitrobenzene	77	5.172	5.172	0.000	75	14823	100.0	103.2	
34 Isophorone	82	5.372	5.372	0.000	95	27251	100.0	101.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
35 2-Nitrophenol	139	5.431	5.430	0.001	74	15724	100.0	110.5	
37 2,4-Dimethylphenol	107	5.472	5.472	0.000	89	20868	100.0	105.8	
36 Benzoic acid	105	5.501	5.519	-0.018	6	9993	200.0	212.7	a
38 Bis(2-chloroethoxy)methane	93	5.554	5.560	-0.006	88	22676	100.0	104.8	
39 2,4-Dichlorophenol	162	5.619	5.619	0.000	82	21911	100.0	99.2	
40 1,2,4-Trichlorobenzene	180	5.695	5.695	0.000	89	28615	100.0	104.4	
41 Naphthalene	128	5.754	5.754	0.000	89	80818	100.0	107.4	
42 2,6-Dichlorophenol	162	5.807	5.807	0.000	88	21953	100.0	98.5	
43 4-Chloroaniline	127	5.807	5.807	0.000	77	24806	100.0	107.4	
44 Hexachlorobutadiene	225	5.866	5.860	0.006	83	17575	100.0	107.6	
45 4-Chloro-3-methylphenol	107	6.201	6.201	0.000	78	14285	100.0	96.3	
46 2-Methylnaphthalene	142	6.325	6.325	0.000	83	49366	100.0	104.8	
47 1-Methylnaphthalene	142	6.401	6.401	0.000	88	50846	100.0	110.0	
49 1,2,4,5-Tetrachlorobenzene	216	6.454	6.454	0.000	90	29420	100.0	104.0	
48 Hexachlorocyclopentadiene	237	6.454	6.454	0.000	72	20260	100.0	105.8	
50 2,4,6-Trichlorophenol	196	6.554	6.554	0.000	79	14787	100.0	95.1	
51 2,4,5-Trichlorophenol	196	6.578	6.577	0.001	82	14468	100.0	97.3	
52 1,1'-Biphenyl	154	6.707	6.707	0.000	93	60273	100.0	102.9	
53 2-Chloronaphthalene	162	6.719	6.719	0.000	93	52233	100.0	107.4	
54 2-Nitroaniline	138	6.807	6.807	0.000	67	11884	100.0	88.6	
55 Dimethyl phthalate	163	6.972	6.972	0.000	96	54219	100.0	104.1	
56 1,3-Dinitrobenzene	168	6.983	6.983	0.000	73	5686	100.0	100.2	
57 2,6-Dinitrotoluene	165	7.013	7.013	0.000	75	10109	100.0	102.0	
58 Acenaphthylene	152	7.054	7.054	0.000	90	75013	100.0	106.7	
59 3-Nitroaniline	138	7.142	7.142	0.000	73	8440	100.0	114.9	
60 Acenaphthene	153	7.195	7.201	-0.006	90	52184	100.0	108.6	
69 2,4-Dinitrophenol	184	7.230	7.230	0.000	39	4815	200.0	252.8	a
63 4-Nitrophenol	109	7.283	7.283	0.000	62	4634	200.0	192.3	
62 2,4-Dinitrotoluene	165	7.336	7.336	0.000	61	11437	100.0	96.8	
61 Dibenzofuran	168	7.342	7.342	0.000	88	70640	100.0	110.2	
64 2,3,5,6-Tetrachlorophenol	232	7.407	7.407	0.000	84	11290	100.0	96.3	
65 2,3,4,6-Tetrachlorophenol	232	7.442	7.442	0.000	58	13357	100.0	103.0	
66 Diethyl phthalate	149	7.554	7.554	0.000	94	55581	100.0	102.3	
67 Fluorene	166	7.625	7.624	0.001	90	51980	100.0	102.0	
68 4-Chlorophenyl phenyl ether	204	7.636	7.636	0.000	82	25857	100.0	105.6	
70 4-Nitroaniline	138	7.642	7.642	0.000	57	6615	100.0	96.5	
73 4,6-Dinitro-2-methylphenol	198	7.666	7.666	0.000	40	8087	200.0	186.2	
71 N-Nitrosodiphenylamine	169	7.730	7.730	0.000	53	34776	100.0	109.6	
72 Azobenzene	77	7.760	7.760	0.000	93	29013	100.0	105.2	
74 4-Bromophenyl phenyl ether	248	8.036	8.036	0.000	48	15586	100.0	100.8	
75 Hexachlorobenzene	284	8.066	8.066	0.000	89	23445	100.0	106.2	
76 Atrazine	200	8.177	8.177	0.000	86	11190	100.0	92.8	
77 Pentachlorophenol	266	8.230	8.230	0.000	86	14432	200.0	190.4	
78 n-Octadecane	43	8.342	8.342	0.000	86	11201	100.0	102.9	
79 Phenanthrene	178	8.407	8.407	0.000	93	74155	100.0	108.4	
80 Anthracene	178	8.448	8.448	0.000	96	70852	100.0	107.5	
81 Carbazole	167	8.589	8.583	0.006	80	54200	100.0	118.0	
83 Di-n-butyl phthalate	149	8.901	8.901	0.000	98	84875	100.0	102.5	
84 Fluoranthene	202	9.383	9.383	0.000	95	71580	100.0	105.2	
85 Benzidine	184	9.507	9.507	0.000	83	21667	200.0	185.6	
86 Pyrene	202	9.566	9.566	0.000	97	74105	100.0	105.7	
87 Butyl benzyl phthalate	149	10.130	10.130	0.000	84	28882	100.0	101.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
91 3,3'-Dichlorobenzidine	252	10.577	10.577	0.000	57	33336	200.0	202.7	
89 Benzo[a]anthracene	228	10.583	10.589	-0.006	98	58256	100.0	106.5	
90 Chrysene	228	10.618	10.618	0.000	86	68676	100.0	117.9	
92 Bis(2-ethylhexyl) phthalate	149	10.666	10.665	0.001	78	39340	100.0	98.9	
93 Di-n-octyl phthalate	149	11.336	11.336	0.000	92	57698	100.0	97.5	
94 Benzo[b]fluoranthene	252	11.683	11.683	0.000	90	62772	100.0	102.5	
95 Benzofluoranthene	252	11.683	11.683	0.000	97	130663	200.0	209.5	a
96 Benzo[k]fluoranthene	252	11.712	11.718	-0.006	94	69200	100.0	105.8	
97 Benzo[a]pyrene	252	12.048	12.048	0.000	67	53050	100.0	99.2	
98 Indeno[1,2,3-cd]pyrene	276	13.371	13.371	0.000	97	52223	100.0	101.1	
99 Dibenz(a,h)anthracene	278	13.407	13.412	-0.006	0	53244	100.0	91.6	
100 Benzo[g,h,i]perylene	276	13.683	13.683	0.000	87	67662	100.0	102.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ccv_8270_1000_00057	Amount Added: 100.00	Units: uL
8270SIM_IS_00069	Amount Added: 9.00	Units: uL

Report Date: 08-Mar-2022 14:31:29 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a013.D

Injection Date: 03-Mar-2022 19:49:30 Instrument ID: TAC040

Lims ID: STD4

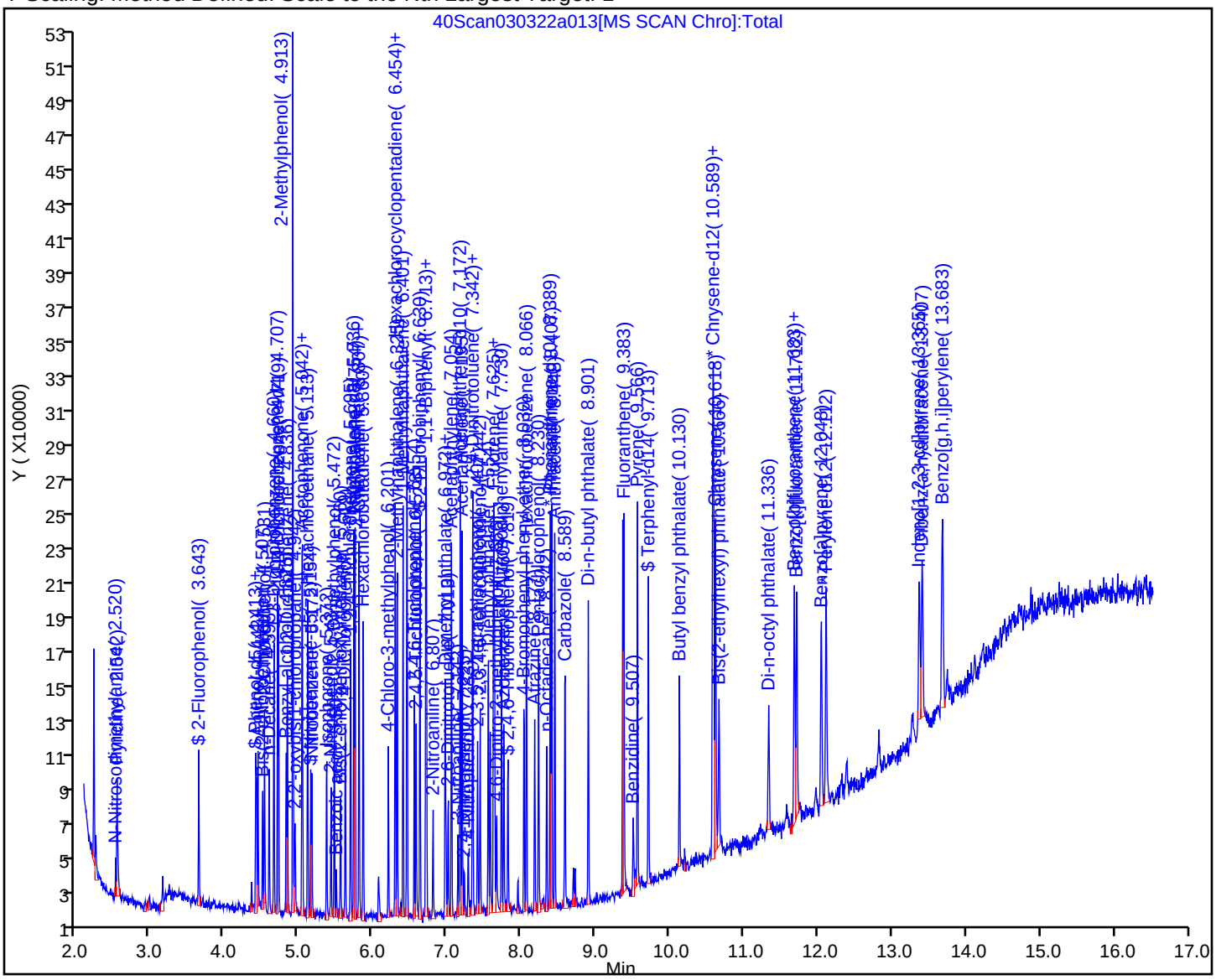
Client ID:

Operator ID: tl ALS Bottle#: 10 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

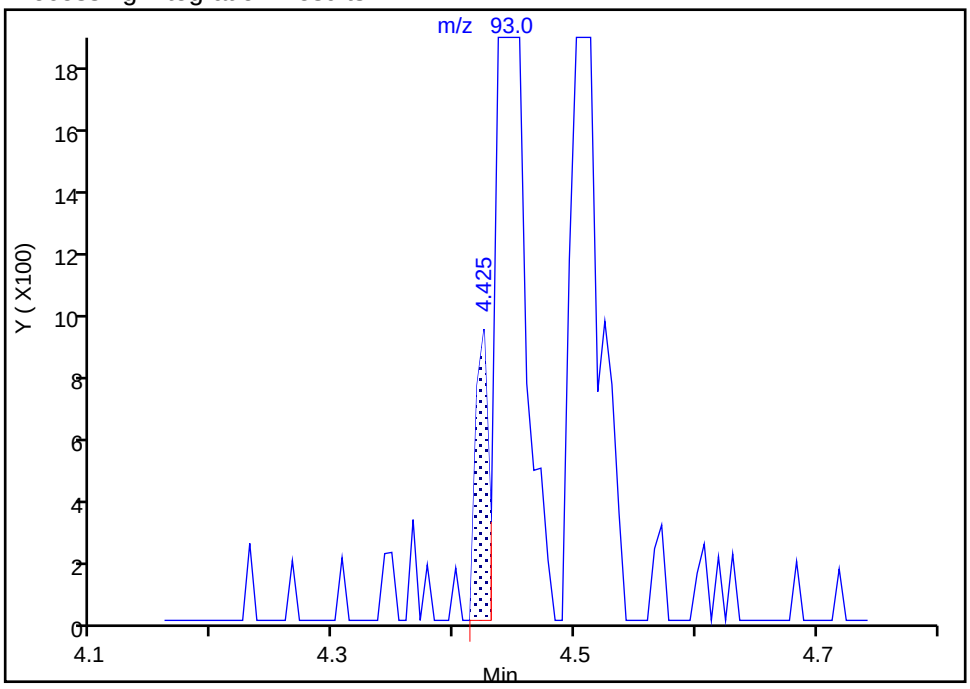
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a013.D
Injection Date: 03-Mar-2022 19:49:30 Instrument ID: TAC040
Lims ID: STD4
Client ID:
Operator ID: tl ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

17 Aniline, CAS: 62-53-3

Signal: 1

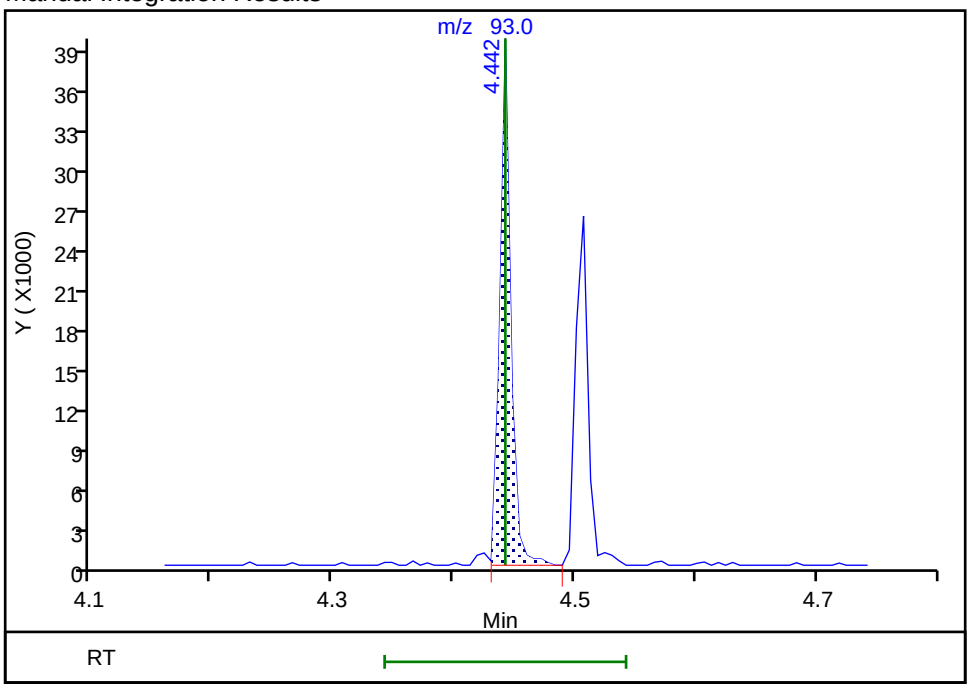
Processing Integration Results

RT: 4.42
Area: 707
Amount: 18.410936
Amount Units: ug/L



Manual Integration Results

RT: 4.44
Area: 25100
Amount: 109.0516
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:59:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

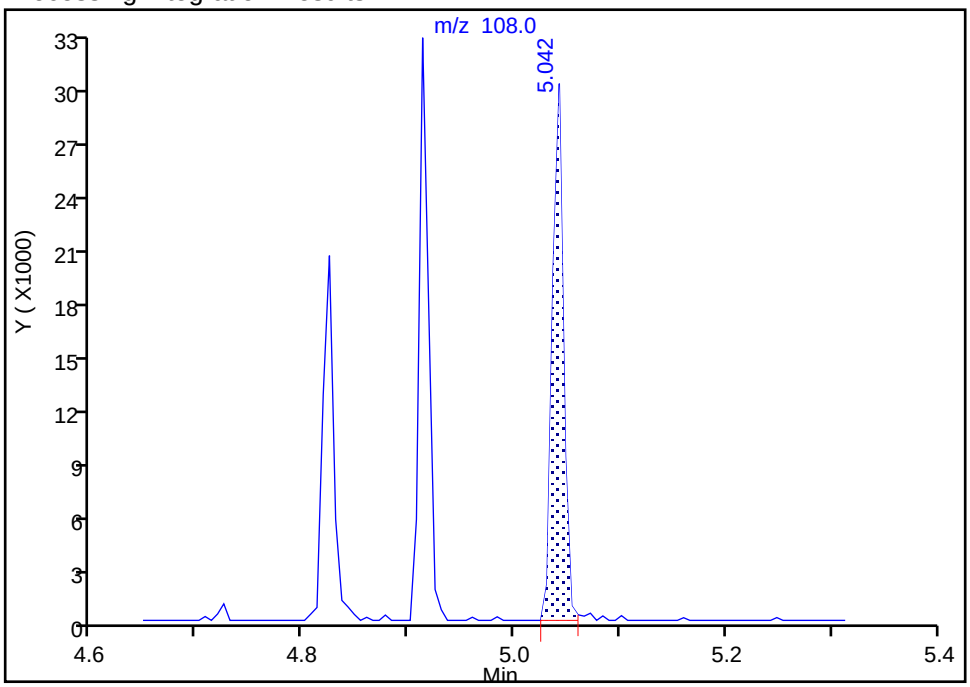
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a013.D
Injection Date: 03-Mar-2022 19:49:30 Instrument ID: TAC040
Lims ID: STD4
Client ID:
Operator ID: tl ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

28 2-Methylphenol, CAS: 95-48-7

Signal: 1

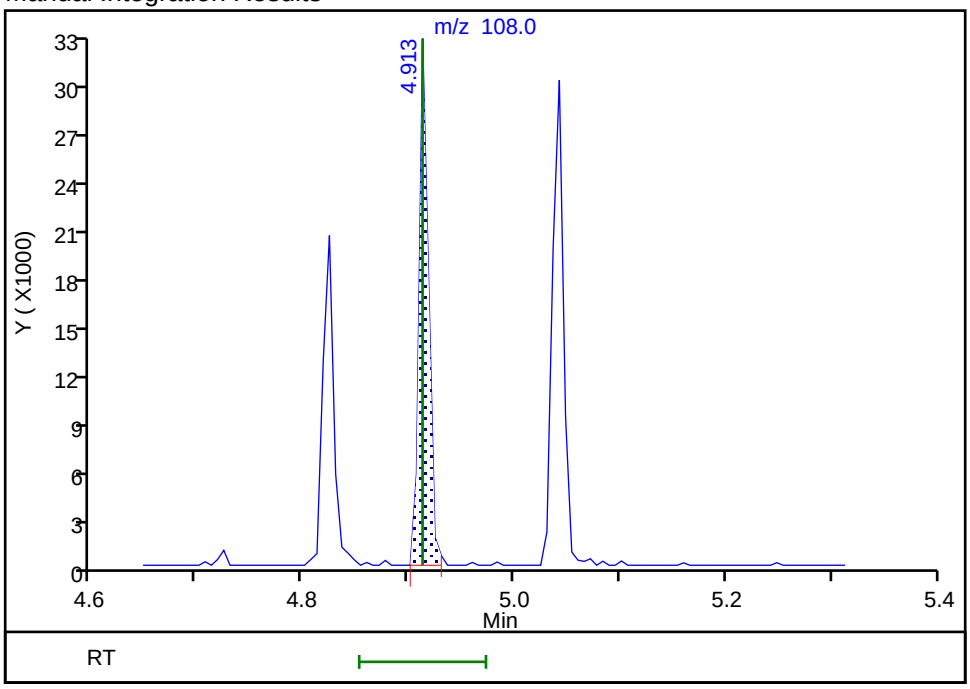
Processing Integration Results

RT: 5.04
Area: 21943
Amount: 113.5313
Amount Units: ug/L



Manual Integration Results

RT: 4.91
Area: 20409
Amount: 103.3850
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:56:11
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

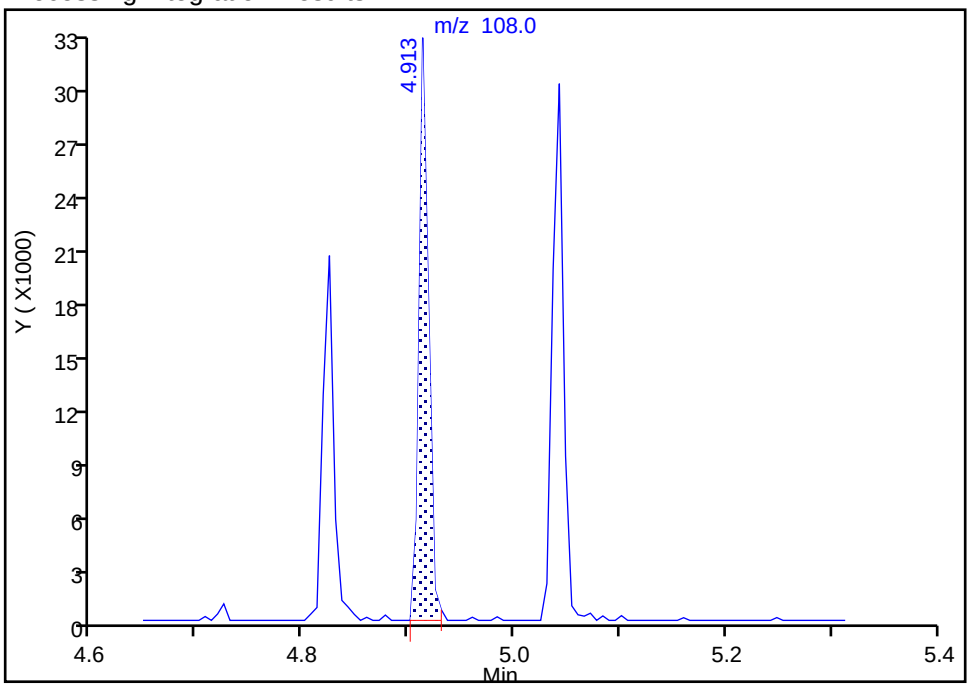
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a013.D
Injection Date: 03-Mar-2022 19:49:30 Instrument ID: TAC040
Lims ID: STD4
Client ID:
Operator ID: tl ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

32 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

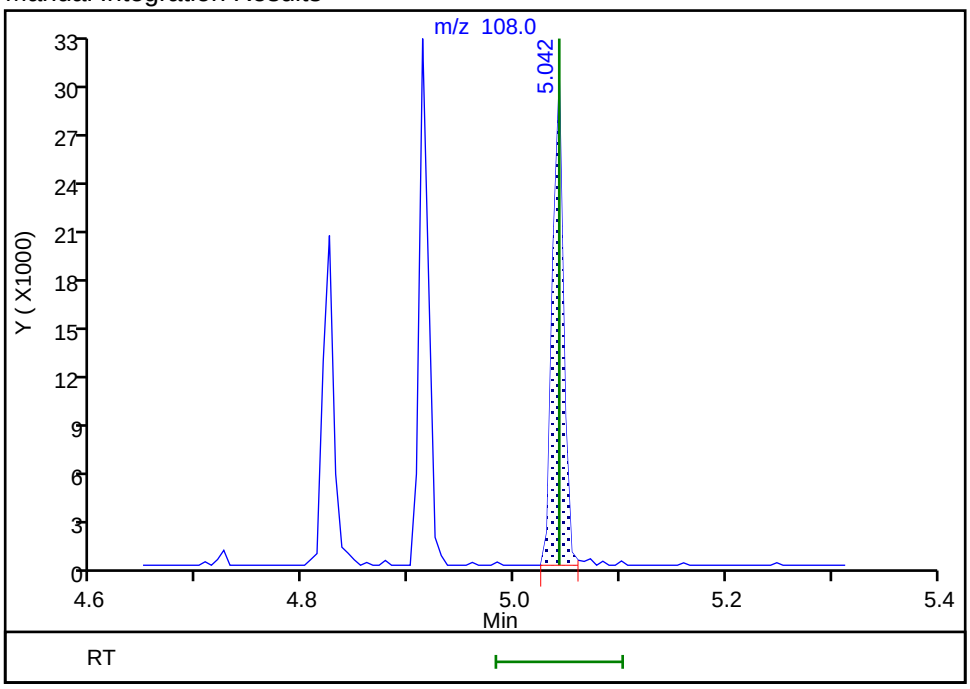
Processing Integration Results

RT: 4.91
Area: 20409
Amount: 102.8666
Amount Units: ug/L



Manual Integration Results

RT: 5.04
Area: 21943
Amount: 112.4129
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:56:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

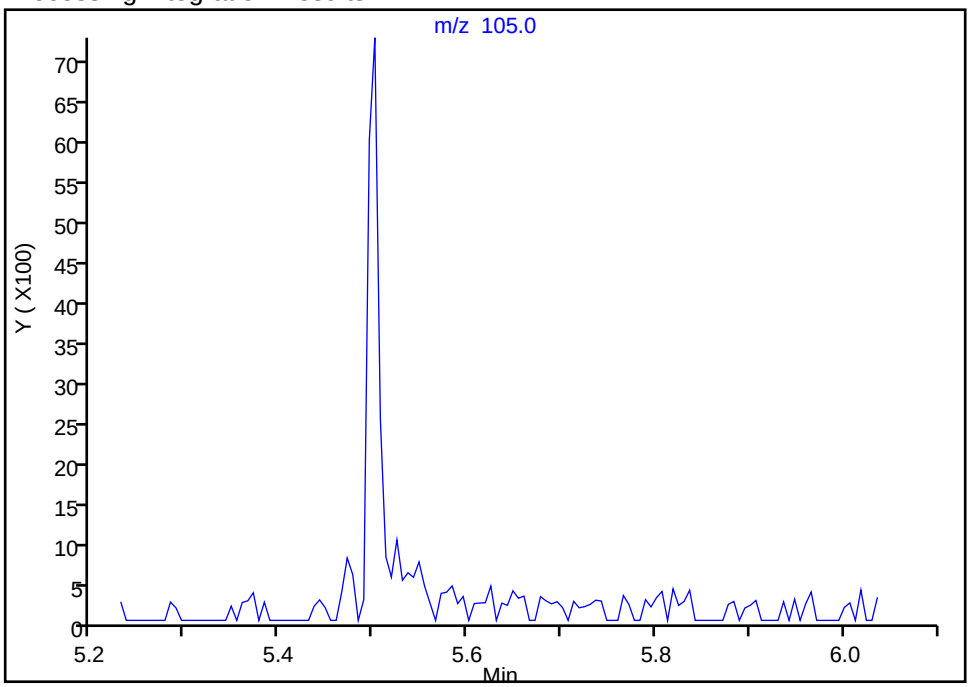
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a013.D
Injection Date: 03-Mar-2022 19:49:30 Instrument ID: TAC040
Lims ID: STD4
Client ID:
Operator ID: tl ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

36 Benzoic acid, CAS: 65-85-0

Signal: 1

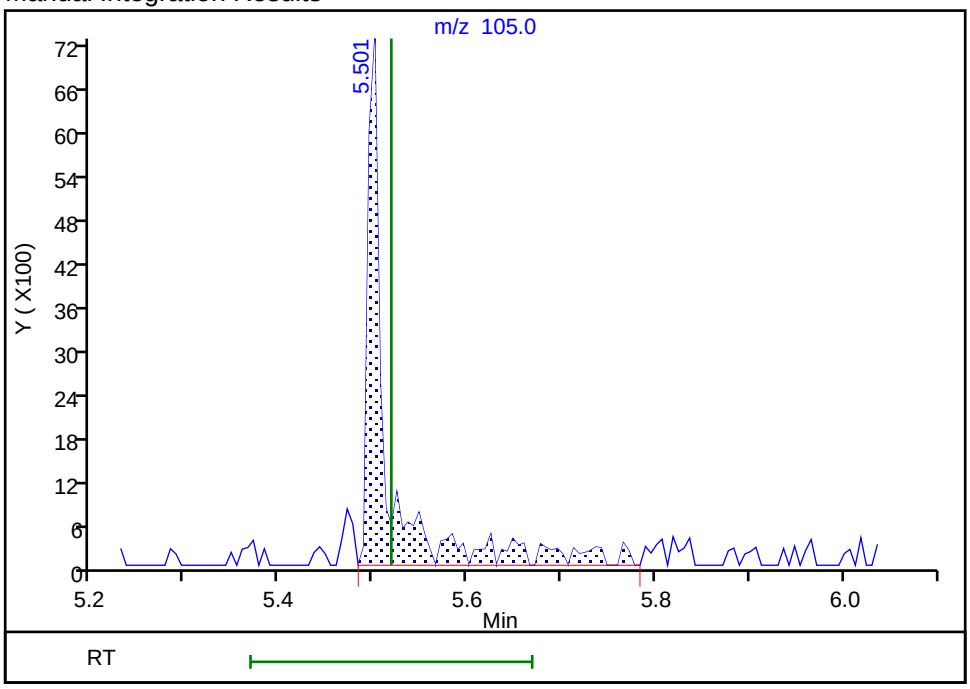
Not Detected
Expected RT: 5.52

Processing Integration Results



Manual Integration Results

RT: 5.50
Area: 9993
Amount: 212.6707
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:46:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

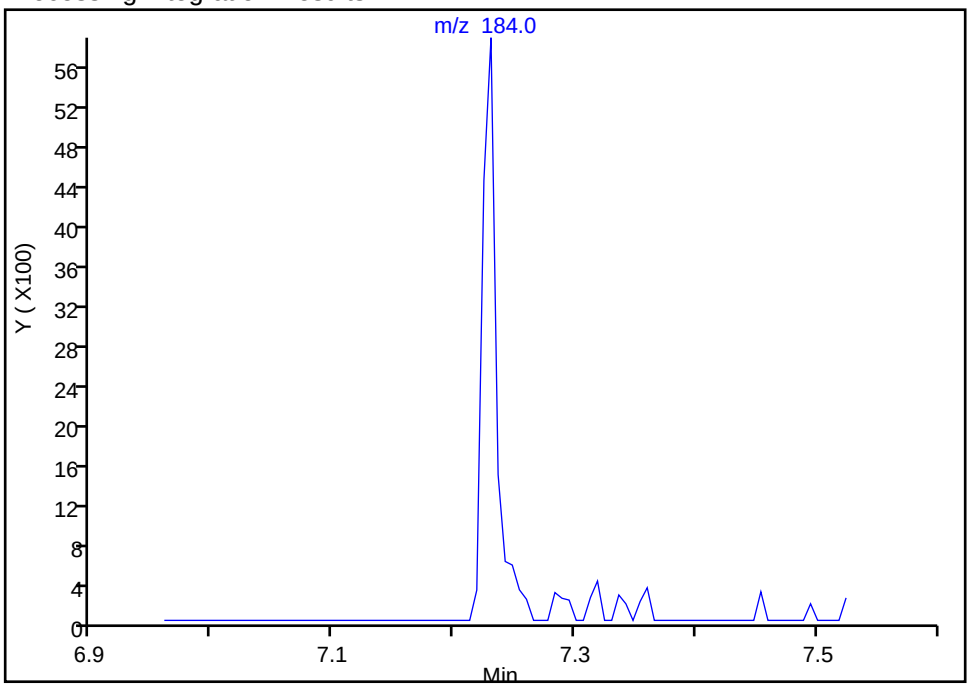
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a013.D
Injection Date: 03-Mar-2022 19:49:30 Instrument ID: TAC040
Lims ID: STD4
Client ID:
Operator ID: tl ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

69 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

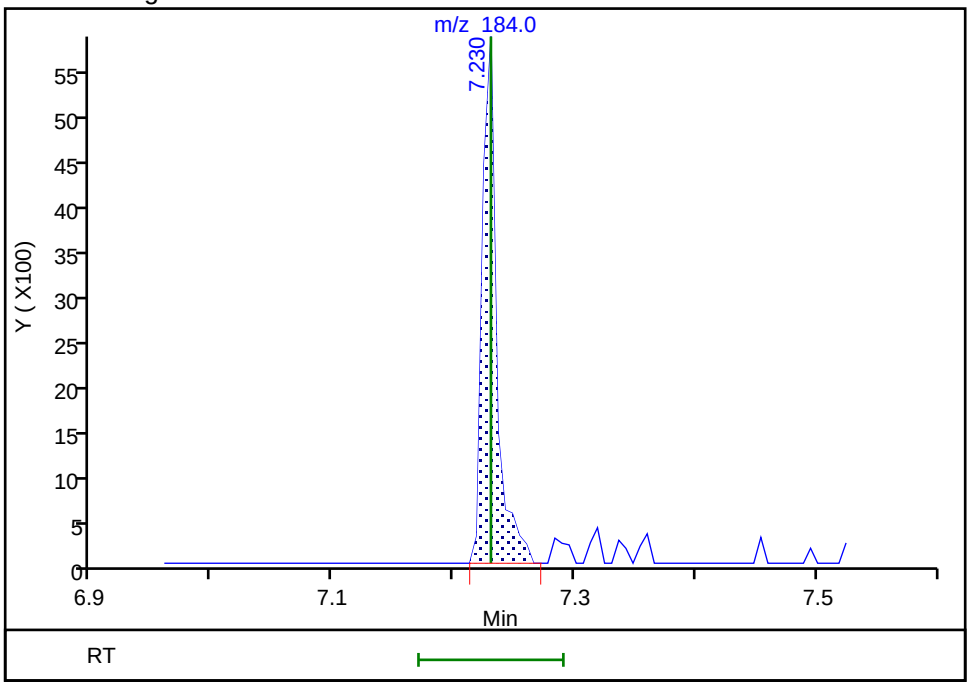
Not Detected
Expected RT: 7.23

Processing Integration Results



Manual Integration Results

RT: 7.23
Area: 4815
Amount: 252.8036
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:46:22
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

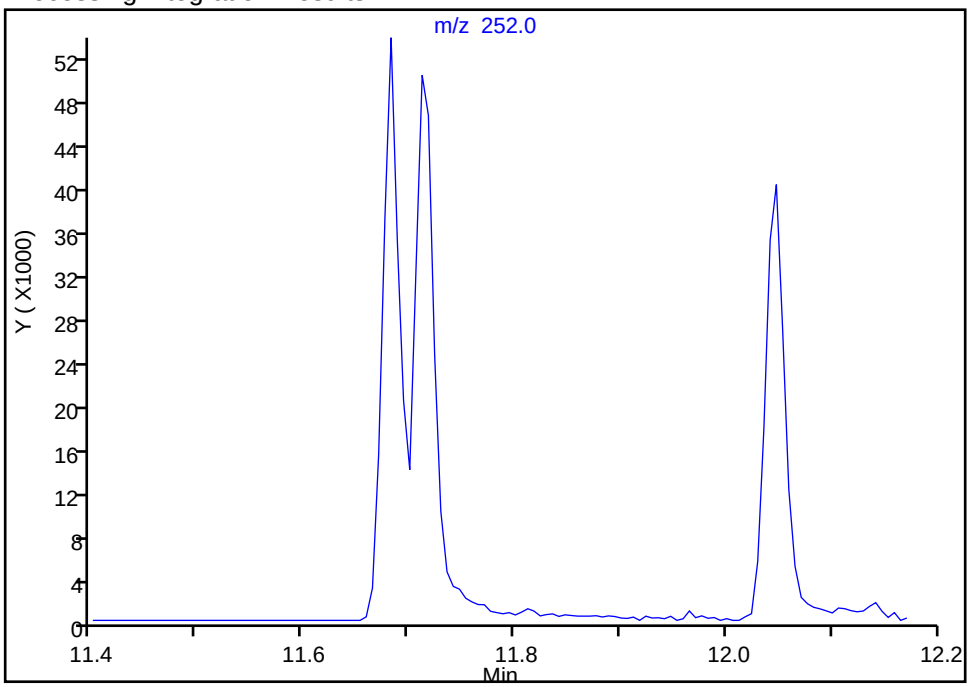
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a013.D
Injection Date: 03-Mar-2022 19:49:30 Instrument ID: TAC040
Lims ID: STD4
Client ID:
Operator ID: tl ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

95 Benzofluoranthene, CAS: 56832-73-6

Signal: 1

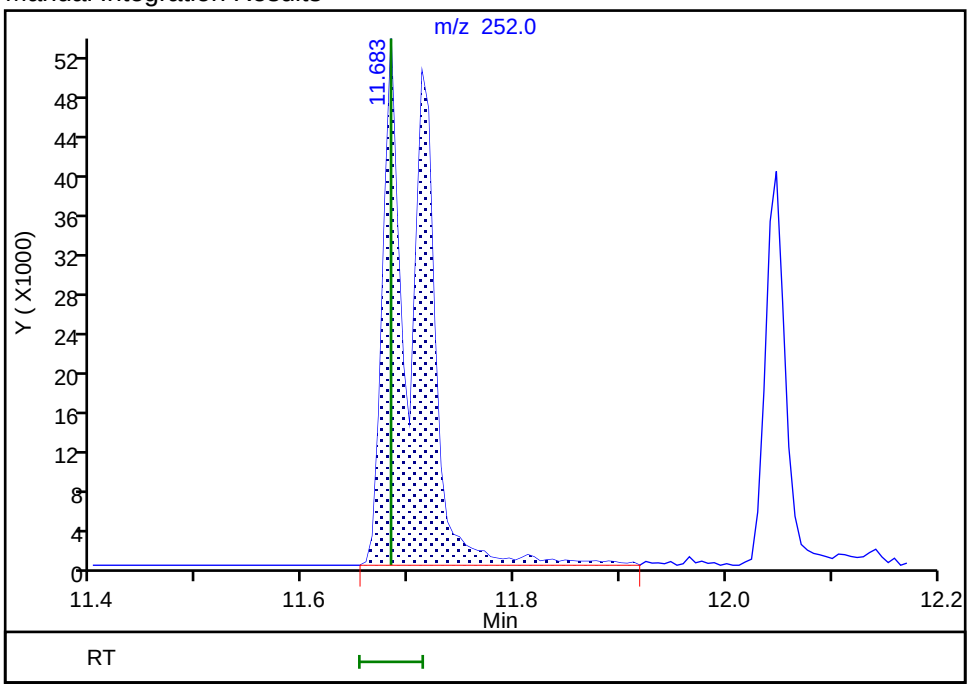
Not Detected
Expected RT: 11.68

Processing Integration Results



Manual Integration Results

RT: 11.68
Area: 130663
Amount: 209.4804
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:46:45
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a014.D
Lims ID: STD3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Mar-2022 20:12:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 3
Operator ID: tl Instrument ID: TAC040
Sublist: chrom-8270TAC040*sub20

Method: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 08-Mar-2022 14:31:32 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1601

First Level Reviewer: limmere Date: 04-Mar-2022 11:46:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.707	4.707	0.000	87	26118	100.0	100.0	
* 2 Naphthalene-d8	136	5.736	5.736	0.000	97	87195	100.0	100.0	
* 3 Acenaphthene-d10	164	7.172	7.172	0.000	90	43886	100.0	100.0	
* 4 Phenanthrene-d10	188	8.389	8.389	0.000	94	68147	100.0	100.0	
* 5 Chrysene-d12	240	10.595	10.595	0.000	97	50910	100.0	100.0	
* 6 Perylene-d12	264	12.112	12.112	0.000	95	56816	100.0	100.0	
$ 7 2-Fluorophenol	112	3.643	3.649	-0.006	62	10216	50.0	41.5	
$ 8 Phenol-d5	99	4.413	4.413	0.000	98	11219	50.0	43.2	
$ 9 Nitrobenzene-d5	82	5.154	5.154	0.000	66	7799	50.0	46.6	
$ 10 2-Fluorobiphenyl	172	6.630	6.630	0.000	91	26886	50.0	48.0	
$ 11 2,4,6-Tribromophenol	330	7.819	7.819	0.000	50	3869	50.0	38.2	
$ 12 Terphenyl-d14	244	9.713	9.713	0.000	83	19456	50.0	45.9	
15 N-Nitrosodimethylamine	74	2.525	2.525	0.000	64	3805	50.0	47.3	a
16 Pyridine	79	2.547	2.536	0.011	93	10713	100.0	71.4	
18 Phenol	94	4.425	4.425	0.000	85	10295	50.0	41.6	
17 Aniline	93	4.442	4.442	0.000	23	9005	50.0	38.5	a
19 Bis(2-chloroethyl)ether	93	4.507	4.507	0.000	86	7856	50.0	41.4	
20 2-Chlorophenol	128	4.531	4.531	0.000	49	13462	50.0	44.5	
21 n-Decane	57	4.595	4.595	0.000	81	5898	50.0	44.4	
22 1,3-Dichlorobenzene	146	4.660	4.660	0.000	84	15339	50.0	41.8	
23 1,4-Dichlorobenzene	146	4.719	4.719	0.000	78	15793	50.0	41.7	
27 Benzyl alcohol	79	4.825	4.825	0.000	88	5152	50.0	40.7	
24 1,2-Dichlorobenzene	146	4.842	4.842	0.000	84	15316	50.0	43.5	
28 2-Methylphenol	108	4.913	4.913	0.000	45	9301	50.0	43.2	a
25 2,2'-oxybis[1-chloropropane]	45	4.942	4.942	0.000	68	8018	50.0	44.2	
29 Acetophenone	105	5.036	5.036	0.000	96	13742	50.0	43.7	
32 3 & 4 Methylphenol	108	5.042	5.042	0.000	87	8732	50.0	41.0	a
30 N-Nitrosodi-n-propylamine	70	5.042	5.042	0.000	63	3847	50.0	44.5	
31 Hexachloroethane	117	5.113	5.113	0.000	83	7596	50.0	49.9	
33 Nitrobenzene	77	5.172	5.172	0.000	62	6991	50.0	44.6	
34 Isophorone	82	5.372	5.372	0.000	83	12174	50.0	43.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
35 2-Nitrophenol	139	5.430	5.430	0.000	68	6354	50.0	40.9	
37 2,4-Dimethylphenol	107	5.472	5.472	0.000	76	9676	50.0	48.3	
36 Benzoic acid	105	5.501	5.519	-0.018	22	2635	100.0	155.3	a
38 Bis(2-chloroethoxy)methane	93	5.560	5.560	0.000	84	10302	50.0	43.6	
39 2,4-Dichlorophenol	162	5.619	5.619	0.000	76	10444	50.0	45.5	
40 1,2,4-Trichlorobenzene	180	5.689	5.695	-0.006	88	13564	50.0	46.6	
41 Naphthalene	128	5.754	5.754	0.000	82	35359	50.0	44.3	
42 2,6-Dichlorophenol	162	5.807	5.807	0.000	81	10642	50.0	47.3	
43 4-Chloroaniline	127	5.807	5.807	0.000	59	7666	50.0	48.5	
44 Hexachlorobutadiene	225	5.866	5.860	0.006	76	8241	50.0	46.8	
45 4-Chloro-3-methylphenol	107	6.201	6.201	0.000	74	6186	50.0	41.3	
46 2-Methylnaphthalene	142	6.319	6.325	-0.006	84	23370	50.0	46.7	
47 1-Methylnaphthalene	142	6.401	6.401	0.000	84	23323	50.0	47.5	
49 1,2,4,5-Tetrachlorobenzene	216	6.454	6.454	0.000	89	13369	50.0	46.8	
48 Hexachlorocyclopentadiene	237	6.454	6.454	0.000	61	7619	50.0	41.9	
50 2,4,6-Trichlorophenol	196	6.554	6.554	0.000	65	5912	50.0	42.9	
51 2,4,5-Trichlorophenol	196	6.577	6.577	0.000	78	5126	50.0	41.4	
52 1,1'-Biphenyl	154	6.707	6.707	0.000	92	28414	50.0	48.1	
53 2-Chloronaphthalene	162	6.719	6.719	0.000	89	23617	50.0	48.1	
54 2-Nitroaniline	138	6.807	6.807	0.000	48	5249	50.0	45.4	
55 Dimethyl phthalate	163	6.972	6.972	0.000	91	24593	50.0	46.2	
56 1,3-Dinitrobenzene	168	6.983	6.983	0.000	38	2313	50.0	51.3	
57 2,6-Dinitrotoluene	165	7.013	7.013	0.000	52	4351	50.0	54.9	
58 Acenaphthylene	152	7.054	7.054	0.000	88	32146	50.0	45.3	
59 3-Nitroaniline	138	7.177	7.142	0.035	1	240	50.0	47.9	
60 Acenaphthene	153	7.195	7.201	-0.006	88	22493	50.0	46.4	
69 2,4-Dinitrophenol	184	7.230	7.230	0.000	30	976	100.0	202.9	a
63 4-Nitrophenol	109	7.283	7.283	0.000	40	1491	100.0	134.5	a
62 2,4-Dinitrotoluene	165	7.336	7.336	0.000	51	4601	50.0	52.3	a
61 Dibenzofuran	168	7.342	7.342	0.000	83	30735	50.0	47.5	
64 2,3,5,6-Tetrachlorophenol	232	7.407	7.407	0.000	64	4293	50.0	43.9	
65 2,3,4,6-Tetrachlorophenol	232	7.442	7.442	0.000	39	4449	50.0	41.7	
66 Diethyl phthalate	149	7.554	7.554	0.000	94	61841	50.0	112.8	
67 Fluorene	166	7.624	7.624	0.000	92	25114	50.0	48.9	
68 4-Chlorophenyl phenyl ether	204	7.636	7.636	0.000	77	10697	50.0	43.3	
70 4-Nitroaniline	138	7.642	7.642	0.000	23	2916	50.0	42.1	
73 4,6-Dinitro-2-methylphenol	198	7.666	7.666	0.000	26	2289	100.0	105.4	
71 N-Nitrosodiphenylamine	169	7.730	7.730	0.000	54	14779	50.0	45.6	
72 Azobenzene	77	7.760	7.760	0.000	92	13248	50.0	47.0	
74 4-Bromophenyl phenyl ether	248	8.036	8.036	0.000	43	6889	50.0	43.6	
75 Hexachlorobenzene	284	8.066	8.066	0.000	68	10364	50.0	45.8	
76 Atrazine	200	8.177	8.177	0.000	69	4848	50.0	41.6	
77 Pentachlorophenol	266	8.230	8.230	0.000	61	4727	100.0	103.4	
78 n-Octadecane	43	8.342	8.342	0.000	63	5220	50.0	46.9	
79 Phenanthrene	178	8.407	8.407	0.000	90	31549	50.0	45.1	
80 Anthracene	178	8.448	8.448	0.000	89	29962	50.0	44.6	
81 Carbazole	167	8.583	8.583	0.000	72	20662	50.0	44.0	
83 Di-n-butyl phthalate	149	8.901	8.901	0.000	92	37840	50.0	45.6	
84 Fluoranthene	202	9.383	9.383	0.000	87	31187	50.0	44.8	
85 Benzidine	184	9.513	9.507	0.006	61	8906	100.0	86.8	
86 Pyrene	202	9.566	9.566	0.000	96	31286	50.0	43.6	
87 Butyl benzyl phthalate	149	10.130	10.130	0.000	71	12762	50.0	42.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
91 3,3'-Dichlorobenzidine	252	10.577	10.577	0.000	52	14212	100.0	87.0	
89 Benzo[a]anthracene	228	10.583	10.589	-0.006	91	23598	50.0	42.1	
90 Chrysene	228	10.618	10.618	0.000	86	30970	50.0	51.0	
92 Bis(2-ethylhexyl) phthalate	149	10.665	10.665	0.000	82	15780	50.0	37.8	
93 Di-n-octyl phthalate	149	11.336	11.336	0.000	76	23054	50.0	52.1	
94 Benzo[b]fluoranthene	252	11.683	11.683	0.000	81	27077	50.0	42.8	
95 Benzofluoranthene	252	11.712	11.683	0.029	95	54456	100.0	84.5	a
96 Benzo[k]fluoranthene	252	11.712	11.718	-0.006	88	24059	50.0	35.6	
97 Benzo[a]pyrene	252	12.048	12.048	0.000	59	22305	50.0	41.9	
98 Indeno[1,2,3-cd]pyrene	276	13.371	13.371	0.000	94	21732	50.0	42.1	
99 Dibenz(a,h)anthracene	278	13.406	13.412	-0.006	46	25756	50.0	44.3	
100 Benzo[g,h,i]perylene	276	13.677	13.683	-0.006	83	28478	50.0	41.5	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8270ccvl_50_00039 Amount Added: 1.00 Units: mL

Report Date: 08-Mar-2022 14:31:34 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a014.D

Injection Date: 03-Mar-2022 20:12:30 Instrument ID: TAC040

Lims ID: STD3

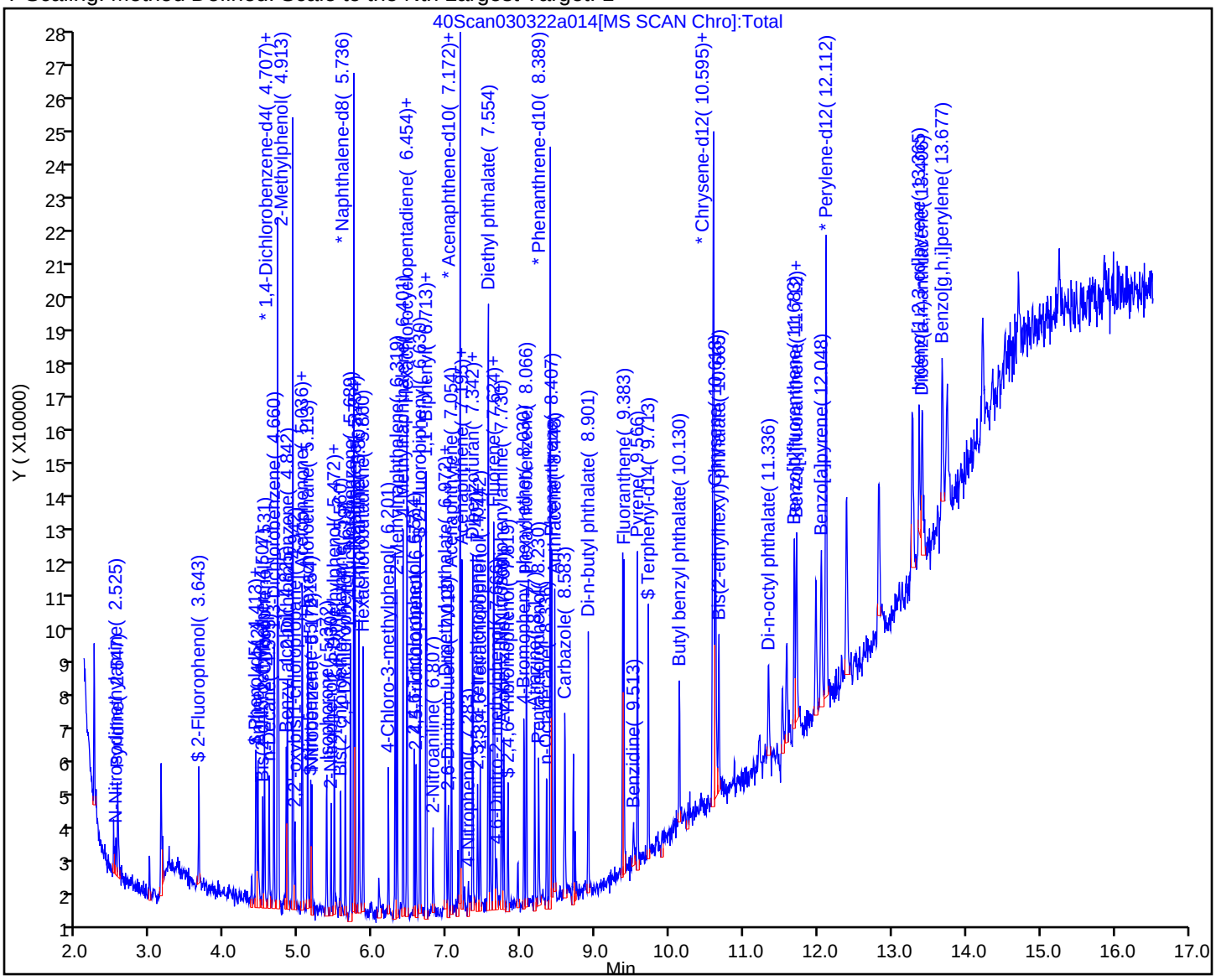
Client ID:

Operator ID: tl ALS Bottle#: 11 Worklist Smp#: 11

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

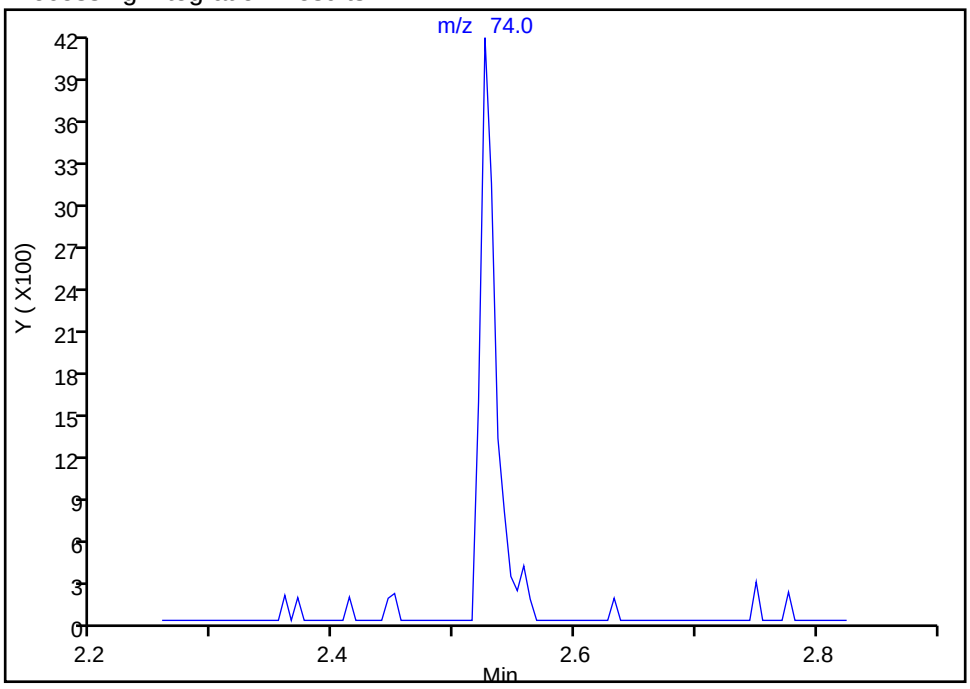
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a014.D
Injection Date: 03-Mar-2022 20:12:30 Instrument ID: TAC040
Lims ID: STD3
Client ID:
Operator ID: tl ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

15 N-Nitrosodimethylamine, CAS: 62-75-9

Signal: 1

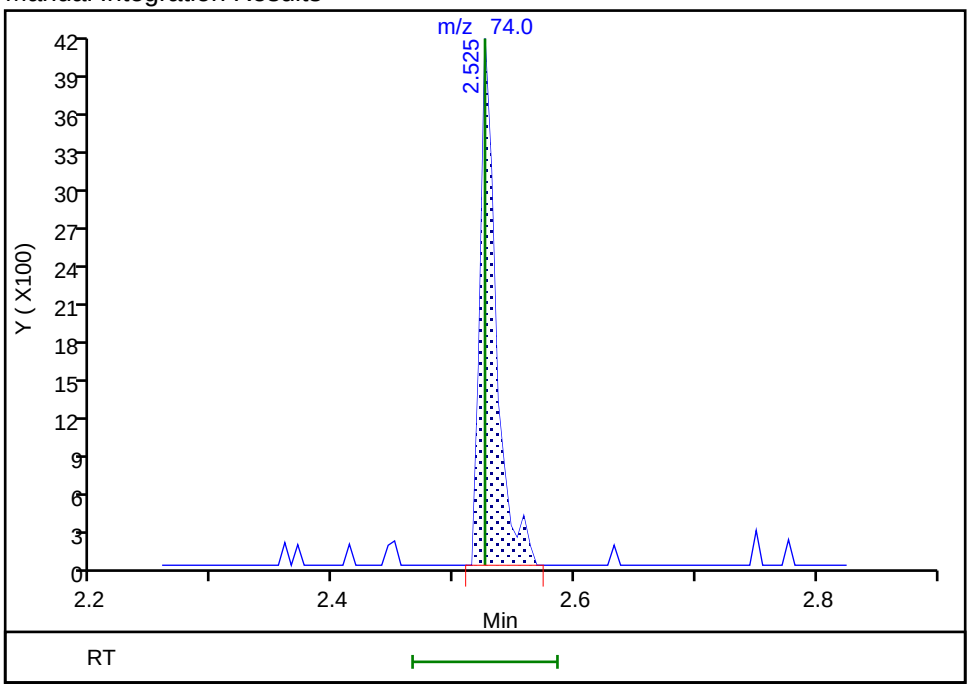
Not Detected
Expected RT: 2.53

Processing Integration Results



Manual Integration Results

RT: 2.53
Area: 3805
Amount: 47.320984
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:47:11
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

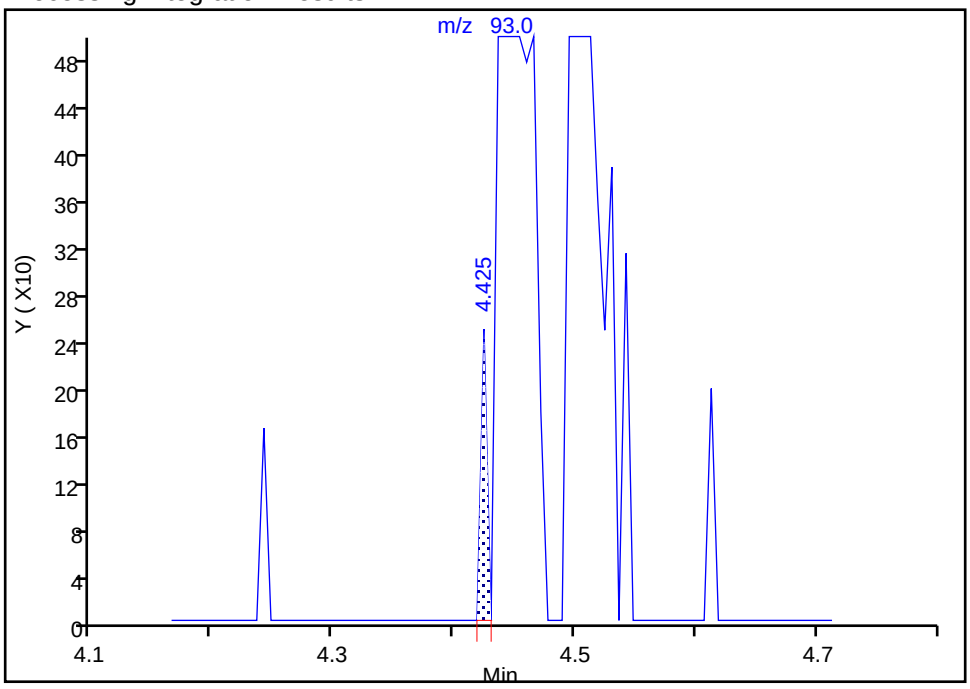
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a014.D
Injection Date: 03-Mar-2022 20:12:30 Instrument ID: TAC040
Lims ID: STD3
Client ID:
Operator ID: tl ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

17 Aniline, CAS: 62-53-3

Signal: 1

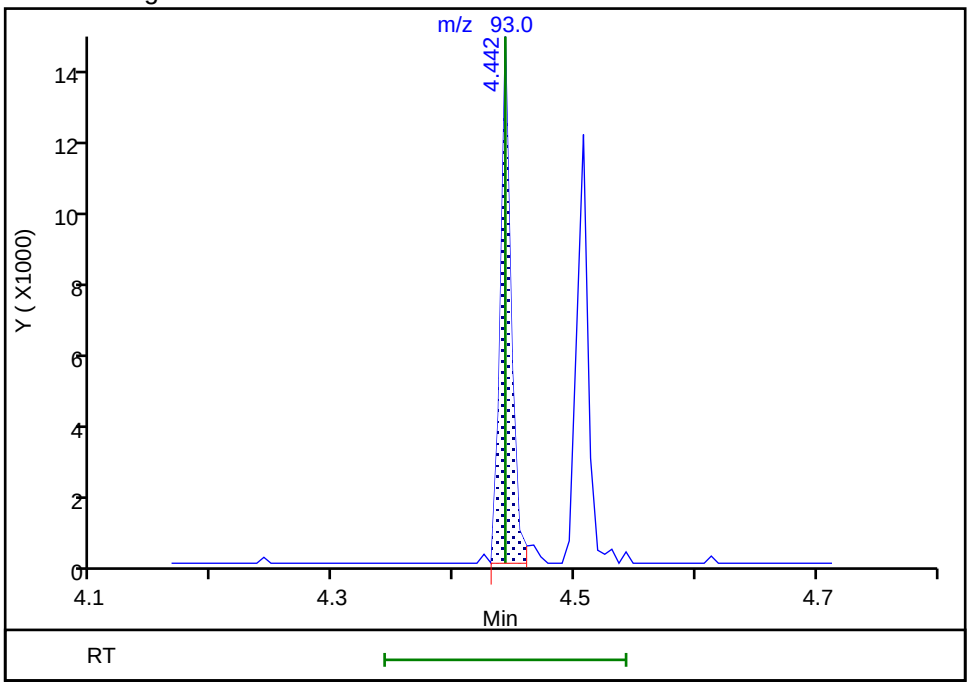
Processing Integration Results

RT: 4.42
Area: 88
Amount: 11.349319
Amount Units: ug/L



Manual Integration Results

RT: 4.44
Area: 9005
Amount: 38.496595
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:59:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

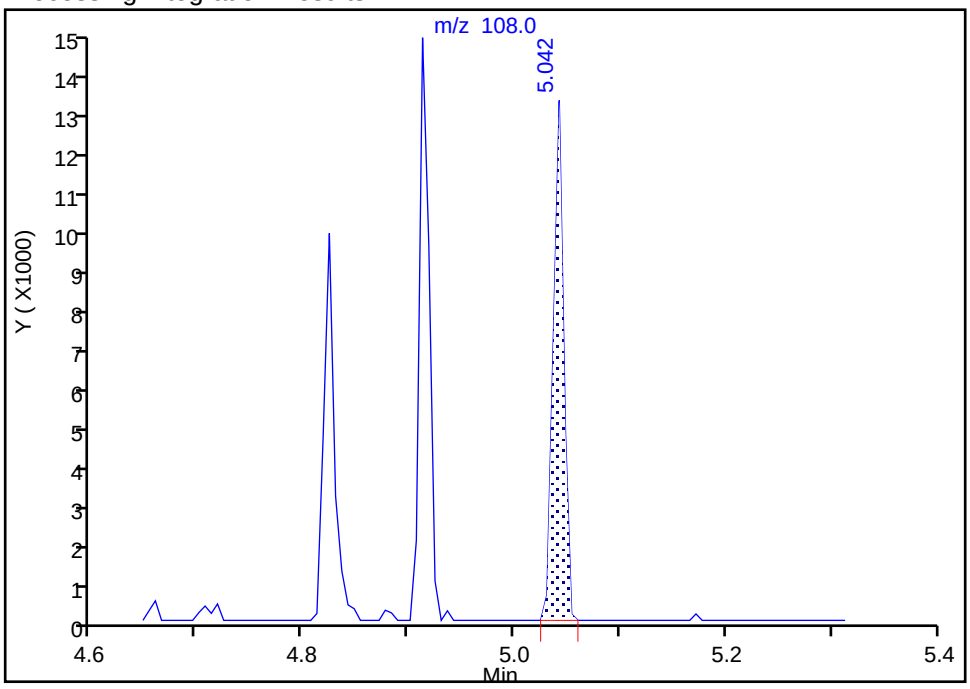
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a014.D
Injection Date: 03-Mar-2022 20:12:30 Instrument ID: TAC040
Lims ID: STD3
Client ID:
Operator ID: tl ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

28 2-Methylphenol, CAS: 95-48-7

Signal: 1

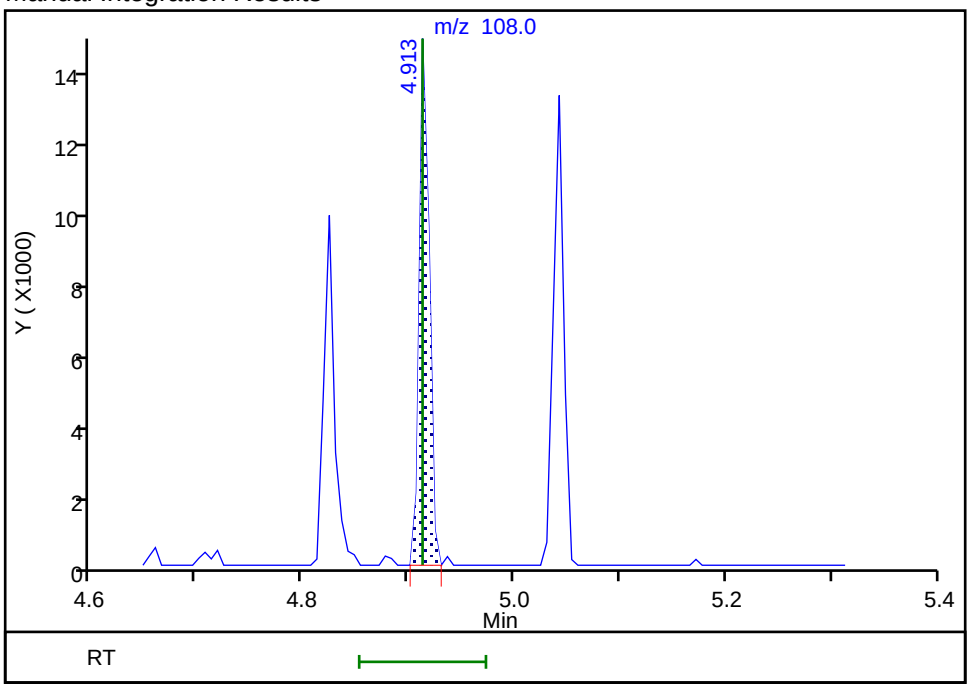
Processing Integration Results

RT: 5.04
Area: 8732
Amount: 41.738984
Amount Units: ug/L



Manual Integration Results

RT: 4.91
Area: 9301
Amount: 43.183052
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:57:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

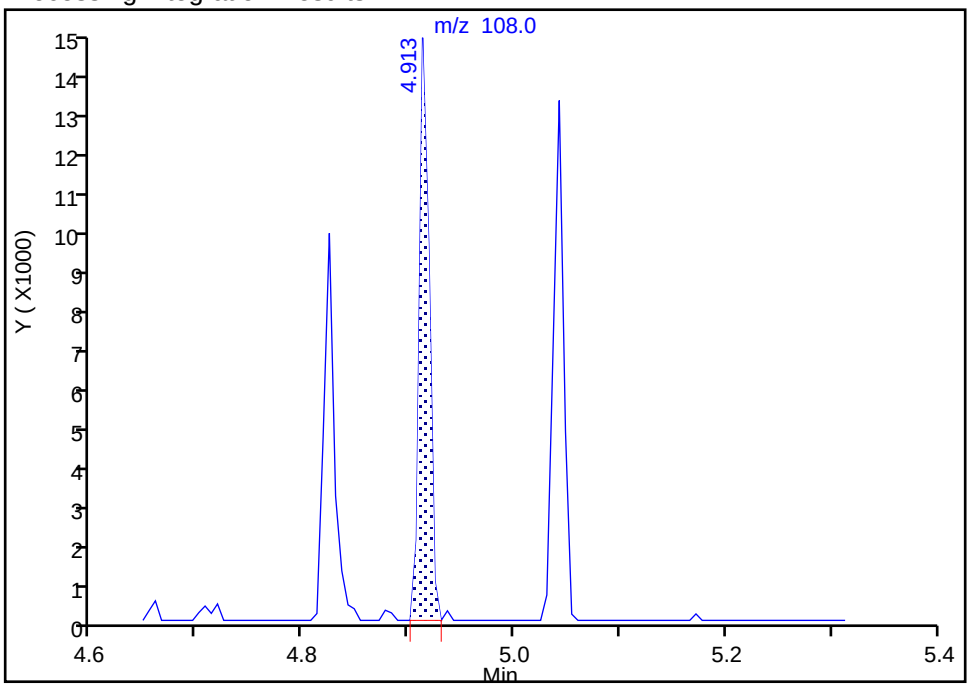
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a014.D
Injection Date: 03-Mar-2022 20:12:30 Instrument ID: TAC040
Lims ID: STD3
Client ID:
Operator ID: tl ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

32 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

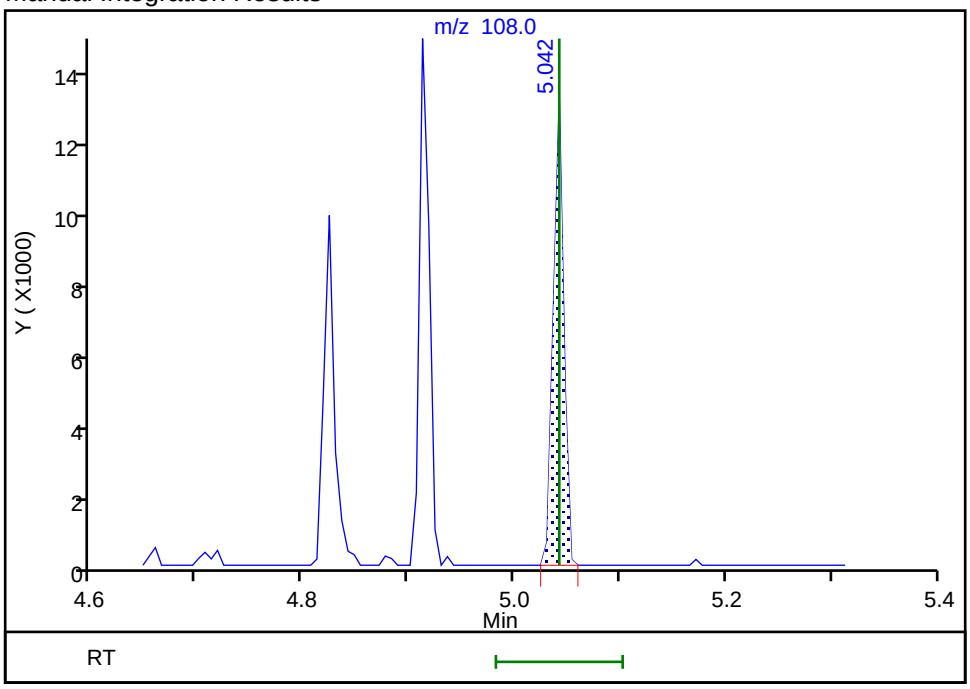
Processing Integration Results

RT: 4.91
Area: 9301
Amount: 42.636856
Amount Units: ug/L



Manual Integration Results

RT: 5.04
Area: 8732
Amount: 40.999798
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:57:13
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

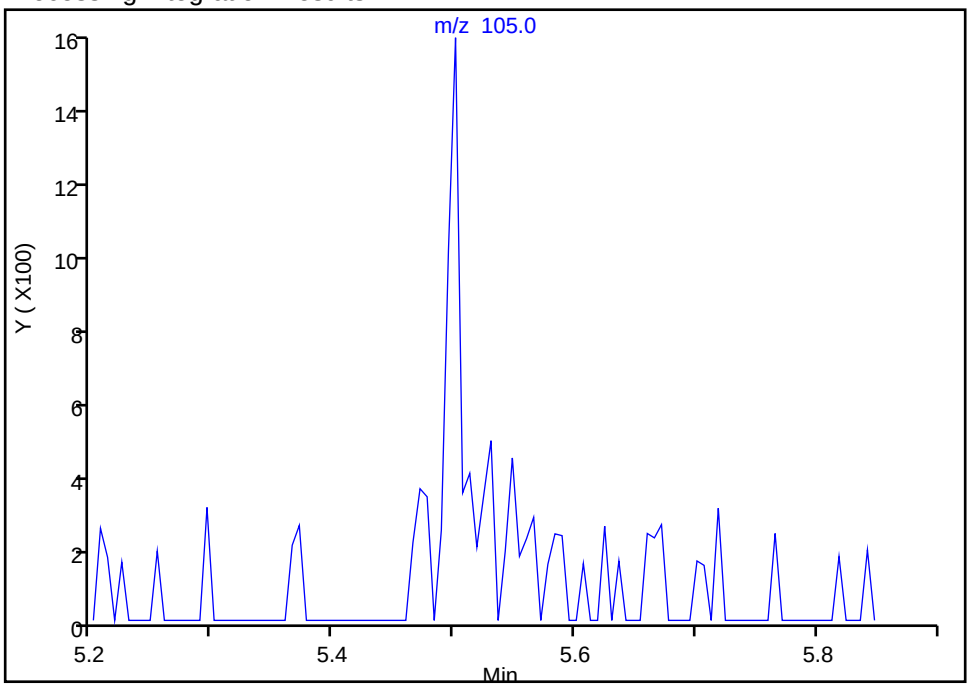
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a014.D
Injection Date: 03-Mar-2022 20:12:30 Instrument ID: TAC040
Lims ID: STD3
Client ID:
Operator ID: tl ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

36 Benzoic acid, CAS: 65-85-0

Signal: 1

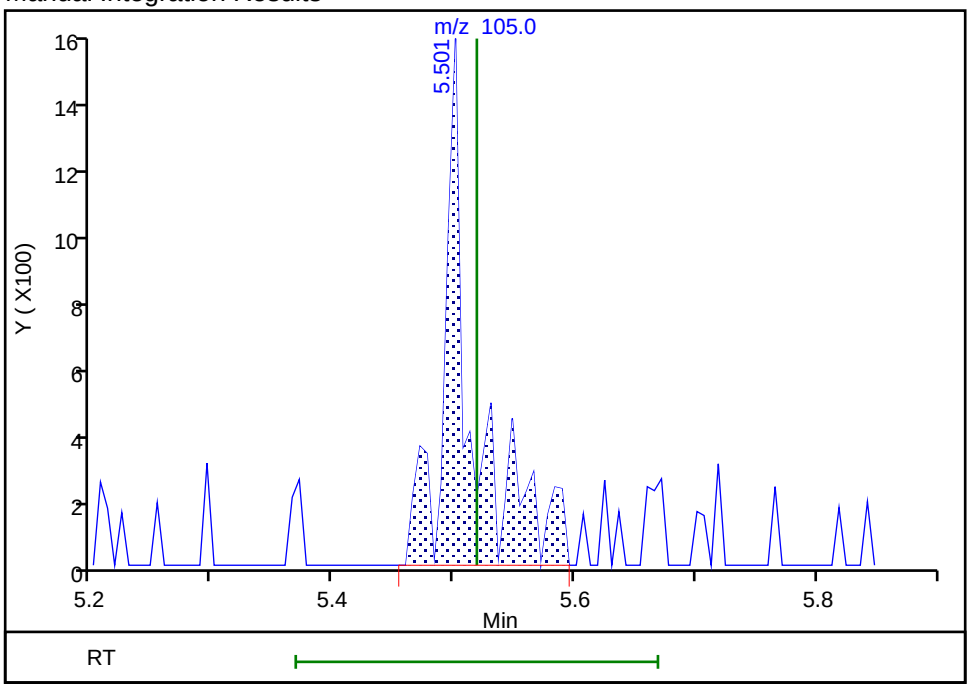
Not Detected
Expected RT: 5.52

Processing Integration Results



Manual Integration Results

RT: 5.50
Area: 2635
Amount: 155.2730
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:47:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

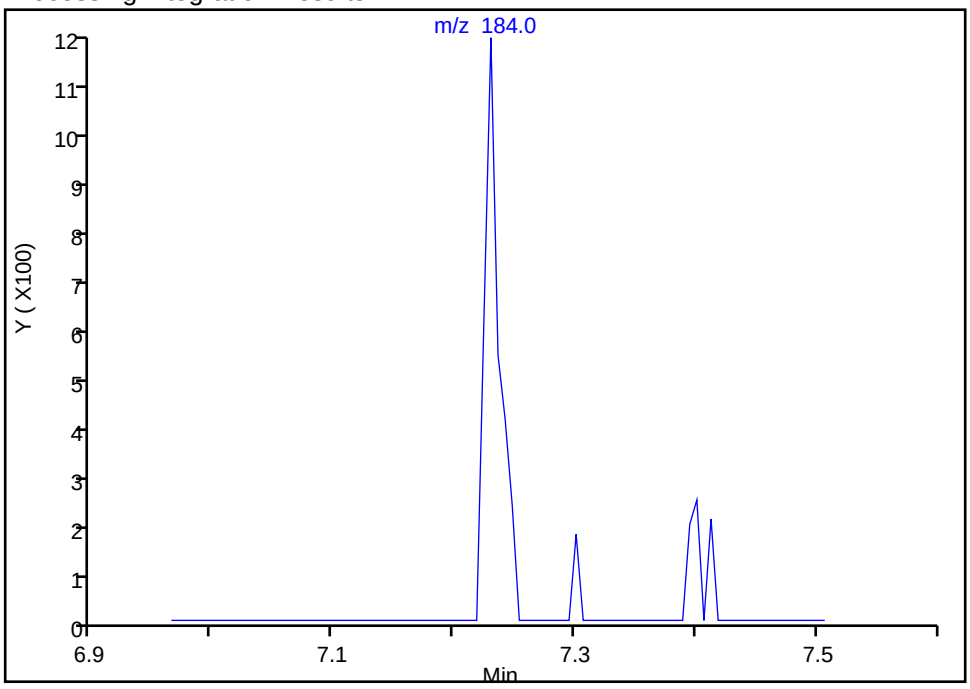
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a014.D
Injection Date: 03-Mar-2022 20:12:30 Instrument ID: TAC040
Lims ID: STD3
Client ID:
Operator ID: tl ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

69 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

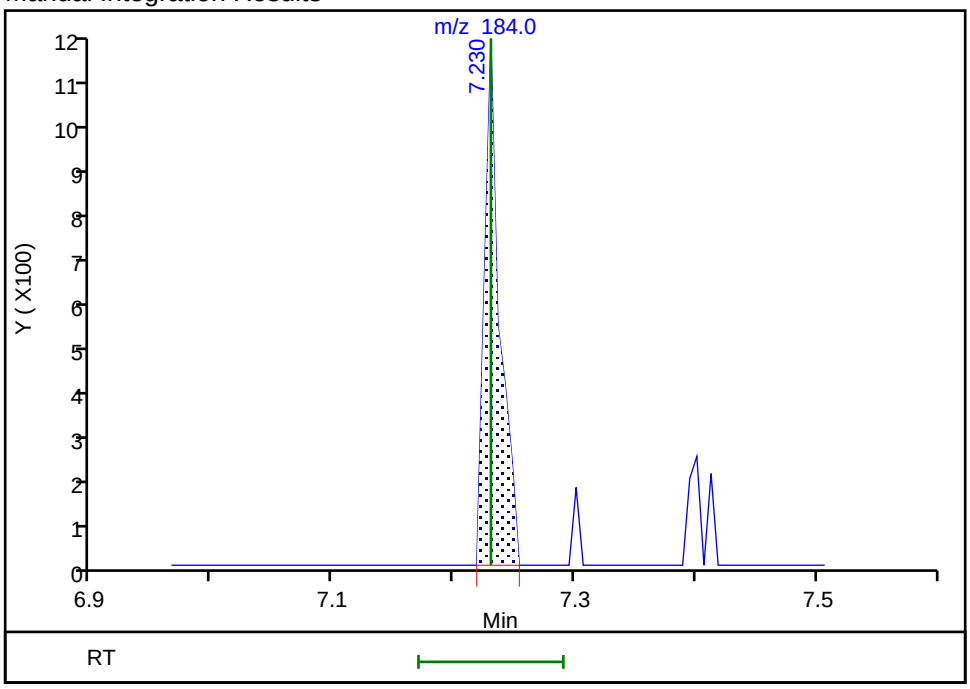
Not Detected
Expected RT: 7.23

Processing Integration Results



Manual Integration Results

RT: 7.23
Area: 976
Amount: 202.8942
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:47:35
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

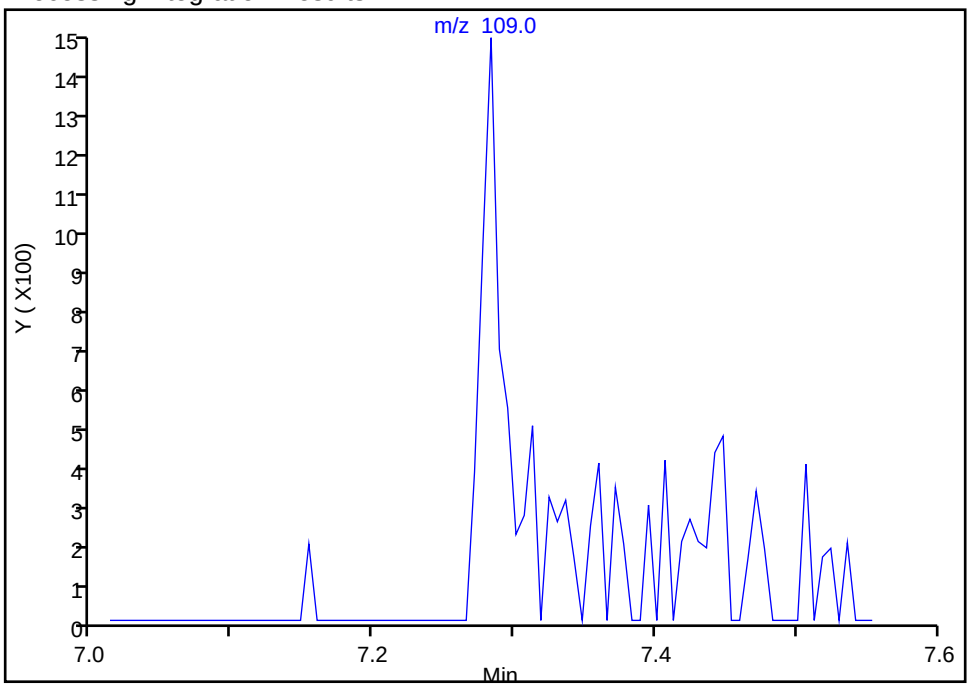
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a014.D
Injection Date: 03-Mar-2022 20:12:30 Instrument ID: TAC040
Lims ID: STD3
Client ID:
Operator ID: tl ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

63 4-Nitrophenol, CAS: 100-02-7

Signal: 1

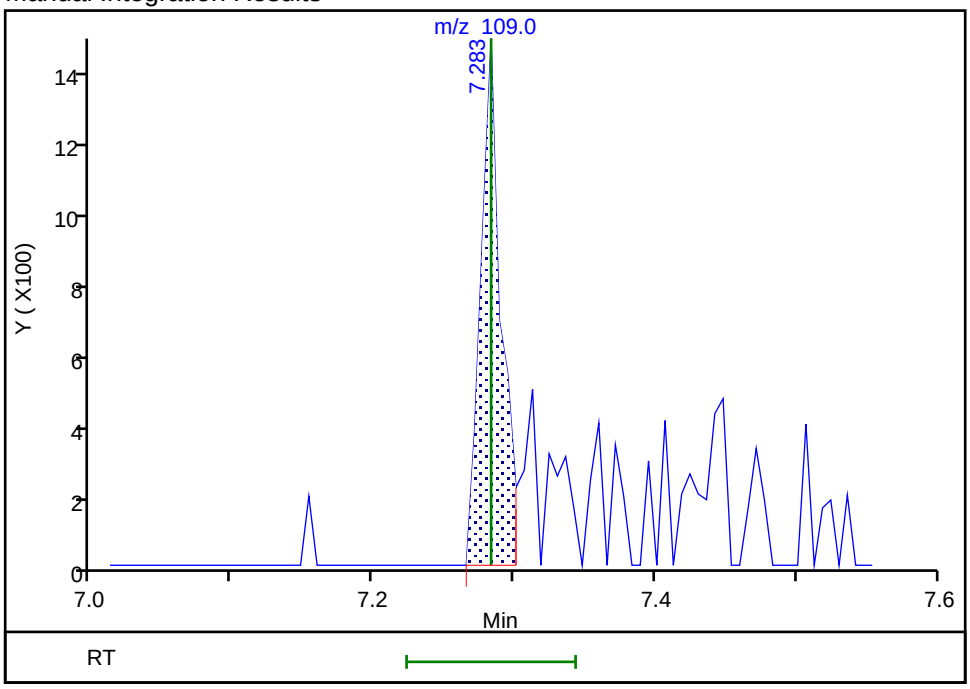
Not Detected
Expected RT: 7.28

Processing Integration Results



Manual Integration Results

RT: 7.28
Area: 1491
Amount: 134.4729
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:47:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

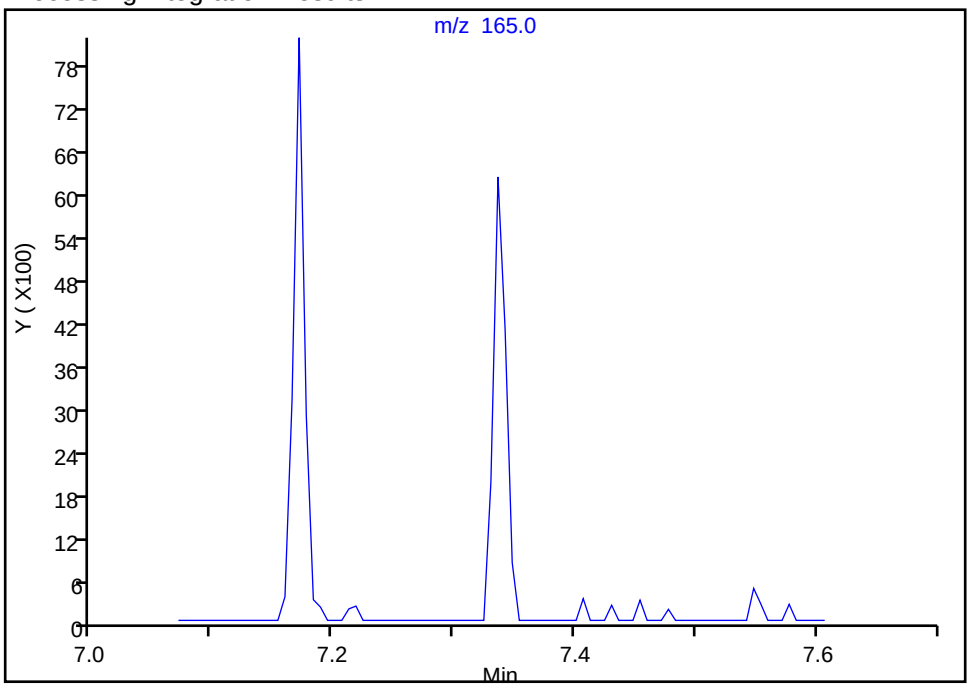
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a014.D
Injection Date: 03-Mar-2022 20:12:30 Instrument ID: TAC040
Lims ID: STD3
Client ID:
Operator ID: tl ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

62 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

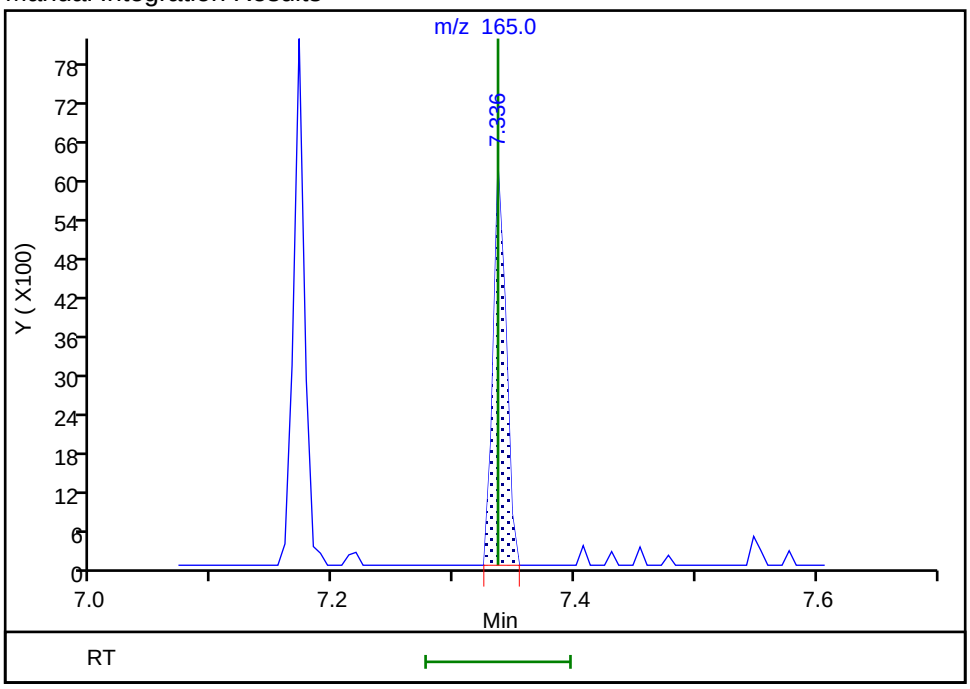
Not Detected
Expected RT: 7.34

Processing Integration Results



Manual Integration Results

RT: 7.34
Area: 4601
Amount: 52.281957
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:47:45
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

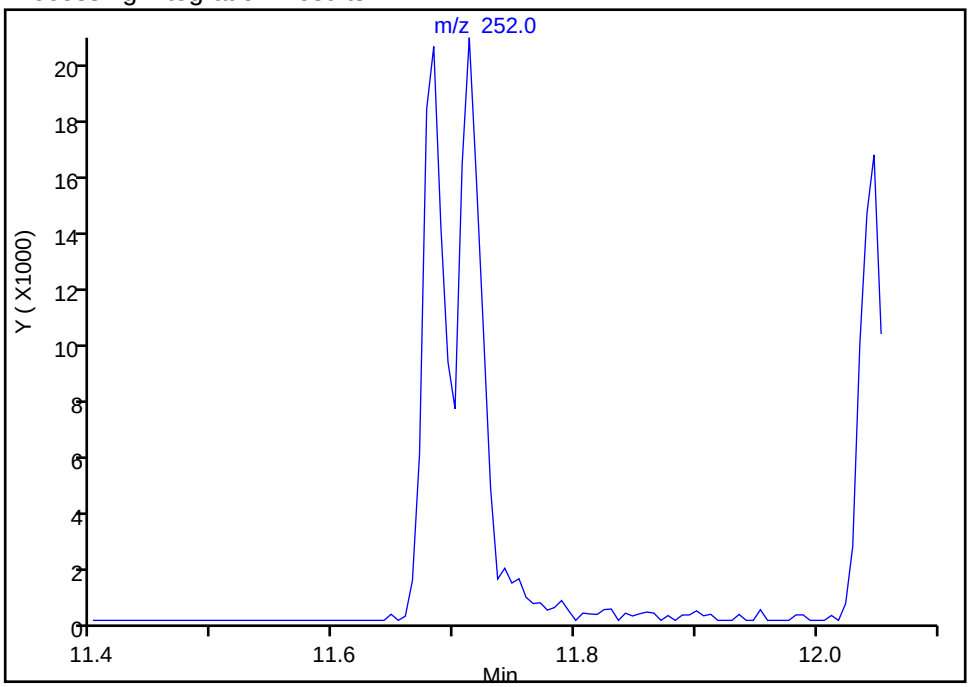
Data File:	\\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a014.D				
Injection Date:	03-Mar-2022 20:12:30	Instrument ID:	TAC040		
Lims ID:	STD3				
Client ID:					
Operator ID:	tl	ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

95 Benzofluoranthene, CAS: 56832-73-6

Signal: 1

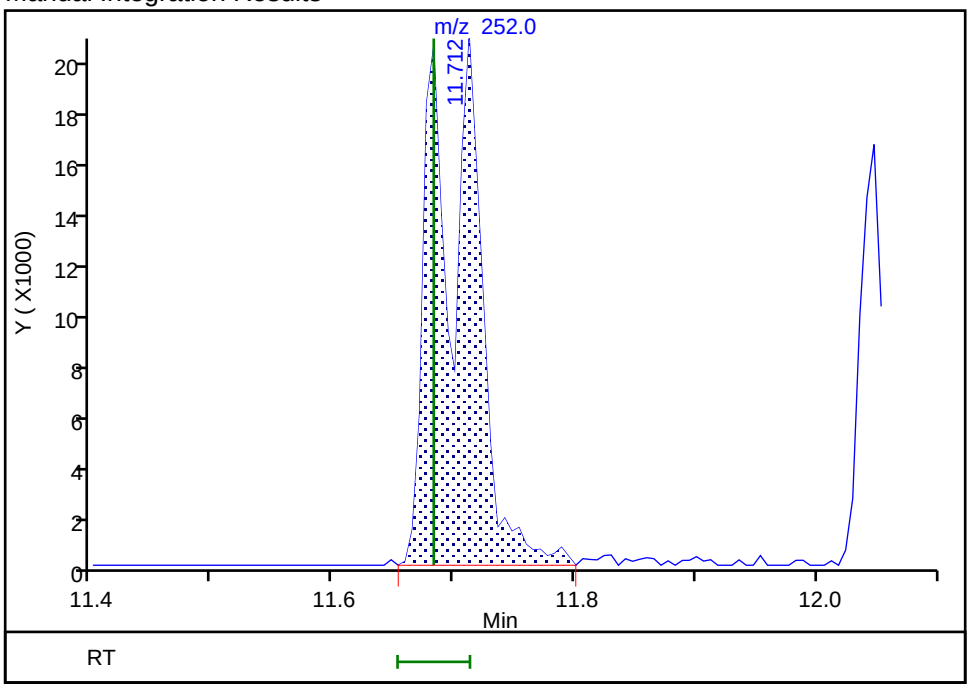
Not Detected
Expected RT: 11.68

Processing Integration Results



Manual Integration Results

RT: 11.71
Area: 54456
Amount: 84.483231
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:47:58
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a015.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 03-Mar-2022 20:35:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 2
Operator ID: tl Instrument ID: TAC040
Sublist: chrom-8270TAC040*sub20

Method: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 08-Mar-2022 14:31:37 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1601

First Level Reviewer: limmere Date: 04-Mar-2022 11:48:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.707	4.707	0.000	88	23253	100.0	100.0	
* 2 Naphthalene-d8	136	5.736	5.736	0.000	97	80821	100.0	100.0	
* 3 Acenaphthene-d10	164	7.171	7.172	-0.001	88	41094	100.0	100.0	
* 4 Phenanthrene-d10	188	8.389	8.389	0.000	95	60222	100.0	100.0	
* 5 Chrysene-d12	240	10.595	10.595	0.000	95	44833	100.0	100.0	
* 6 Perylene-d12	264	12.112	12.112	0.000	96	50582	100.0	100.0	
$ 7 2-Fluorophenol	112	3.649	3.649	0.000	35	3896	20.0	17.8	
$ 8 Phenol-d5	99	4.413	4.413	0.000	84	4457	20.0	19.3	
$ 9 Nitrobenzene-d5	82	5.154	5.154	0.000	59	2922	20.0	18.8	
$ 10 2-Fluorobiphenyl	172	6.630	6.630	0.000	82	10381	20.0	19.8	
$ 11 2,4,6-Tribromophenol	330	7.818	7.819	-0.001	1	1836	20.0	24.0	
$ 12 Terphenyl-d14	244	9.712	9.713	-0.001	48	6122	20.0	20.8	
15 N-Nitrosodimethylamine	74	2.531	2.525	0.006	48	1451	20.0	20.3	a
16 Pyridine	79	2.557	2.536	0.021	80	4885	40.0	36.6	
18 Phenol	94	4.425	4.425	-0.001	70	3794	20.0	17.2	
17 Aniline	93	4.442	4.442	0.000	46	3870	20.0	20.6	
19 Bis(2-chloroethyl)ether	93	4.507	4.507	0.000	80	3107	20.0	18.4	
20 2-Chlorophenol	128	4.530	4.531	-0.001	62	4829	20.0	17.9	
21 n-Decane	57	4.595	4.595	0.000	70	2653	20.0	21.1	
22 1,3-Dichlorobenzene	146	4.660	4.660	0.000	73	6655	20.0	20.3	
23 1,4-Dichlorobenzene	146	4.719	4.719	0.000	54	7043	20.0	20.3	
27 Benzyl alcohol	79	4.824	4.825	-0.001	65	2818	20.0	25.0	
24 1,2-Dichlorobenzene	146	4.842	4.842	0.000	78	5795	20.0	18.5	
28 2-Methylphenol	108	4.913	4.913	0.000	42	3507	20.0	18.3	a
25 2,2'-oxybis[1-chloropropane]	45	4.942	4.942	0.000	48	3544	20.0	21.0	
29 Acetophenone	105	5.036	5.036	0.000	91	6013	20.0	21.5	
32 3 & 4 Methylphenol	108	5.042	5.042	0.000	84	3287	20.0	17.3	a
30 N-Nitrosodi-n-propylamine	70	5.042	5.042	0.000	55	1475	20.0	19.1	
31 Hexachloroethane	117	5.113	5.113	0.000	80	2827	20.0	21.1	
33 Nitrobenzene	77	5.172	5.172	0.000	53	2833	20.0	20.3	
34 Isophorone	82	5.372	5.372	0.000	83	4623	20.0	20.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
35 2-Nitrophenol	139	5.430	5.430	0.000	38	2434	20.0	17.6	
37 2,4-Dimethylphenol	107	5.471	5.472	-0.001	65	3191	20.0	19.5	
38 Bis(2-chloroethoxy)methane	93	5.560	5.560	0.000	73	3739	20.0	17.8	
39 2,4-Dichlorophenol	162	5.619	5.619	0.000	48	3809	20.0	19.0	
40 1,2,4-Trichlorobenzene	180	5.695	5.695	0.000	56	5298	20.0	19.6	
41 Naphthalene	128	5.754	5.754	0.000	65	14961	20.0	20.2	
42 2,6-Dichlorophenol	162	5.807	5.807	0.000	76	3657	20.0	17.4	
43 4-Chloroaniline	127	5.807	5.807	0.000	49	3100	20.0	34.8	
44 Hexachlorobutadiene	225	5.866	5.860	0.006	48	2778	20.0	16.2	
45 4-Chloro-3-methylphenol	107	6.201	6.201	0.000	42	2310	20.0	16.5	
46 2-Methylnaphthalene	142	6.324	6.325	-0.001	54	8638	20.0	18.6	
47 1-Methylnaphthalene	142	6.401	6.401	0.000	67	8686	20.0	19.1	
49 1,2,4,5-Tetrachlorobenzene	216	6.460	6.454	0.006	43	5077	20.0	19.0	
48 Hexachlorocyclopentadiene	237	6.454	6.454	0.000	66	2952	20.0	19.6	
50 2,4,6-Trichlorophenol	196	6.554	6.554	0.000	27	2080	20.0	21.5	
51 2,4,5-Trichlorophenol	196	6.577	6.577	0.000	31	1656	20.0	21.6	a
52 1,1'-Biphenyl	154	6.707	6.707	0.000	87	10463	20.0	18.9	
53 2-Chloronaphthalene	162	6.718	6.719	-0.001	77	8620	20.0	18.8	
54 2-Nitroaniline	138	6.807	6.807	0.000	31	1401	20.0	21.4	
55 Dimethyl phthalate	163	6.971	6.972	-0.001	78	10049	20.0	19.5	
56 1,3-Dinitrobenzene	168	6.983	6.983	0.000	12	947	20.0	35.6	a
57 2,6-Dinitrotoluene	165	7.013	7.013	0.000	24	2000	20.0	37.1	
58 Acenaphthylene	152	7.054	7.054	0.000	77	12121	20.0	18.2	
59 3-Nitroaniline	138	7.142	7.142	0.000	26	918	20.0	53.9	
60 Acenaphthene	153	7.195	7.201	-0.006	77	8336	20.0	18.4	
63 4-Nitrophenol	109	7.283	7.283	0.000	1	139	40.0	110.1	Ma
62 2,4-Dinitrotoluene	165	7.336	7.336	0.000	17	1479	20.0	32.9	a
61 Dibenzofuran	168	7.342	7.342	0.000	76	10941	20.0	18.1	
64 2,3,5,6-Tetrachlorophenol	232	7.413	7.407	0.006	1	1150	20.0	21.2	
65 2,3,4,6-Tetrachlorophenol	232	7.442	7.442	0.000	1	1358	20.0	21.3	
66 Diethyl phthalate	149	7.554	7.554	0.000	79	8063	20.0	15.7	
67 Fluorene	166	7.624	7.624	0.000	76	8369	20.0	17.4	
68 4-Chlorophenyl phenyl ether	204	7.636	7.636	0.000	57	4177	20.0	18.0	
70 4-Nitroaniline	138	7.642	7.642	0.000	10	1039	20.0	16.0	
73 4,6-Dinitro-2-methylphenol	198	7.665	7.666	-0.001	1	595	40.0	83.5	a
71 N-Nitrosodiphenylamine	169	7.730	7.730	0.000	37	4634	20.0	16.2	
72 Azobenzene	77	7.760	7.760	0.000	74	4692	20.0	18.8	
74 4-Bromophenyl phenyl ether	248	8.036	8.036	0.000	20	2838	20.0	20.3	
75 Hexachlorobenzene	284	8.065	8.066	-0.001	54	4020	20.0	20.0	
76 Atrazine	200	8.177	8.177	0.000	34	2178	20.0	21.6	
77 Pentachlorophenol	266	8.230	8.230	0.000	1	807	40.0	70.3	
78 n-Octadecane	43	8.342	8.342	0.000	46	2191	20.0	22.3	
79 Phenanthrene	178	8.407	8.407	0.000	68	11986	20.0	19.4	
80 Anthracene	178	8.448	8.448	0.000	80	11080	20.0	18.8	
81 Carbazole	167	8.583	8.583	0.000	47	7241	20.0	17.5	
83 Di-n-butyl phthalate	149	8.901	8.901	0.000	72	13524	20.0	19.4	
84 Fluoranthene	202	9.383	9.383	0.000	68	10498	20.0	17.1	
85 Benzidine	184	9.518	9.507	0.011	1	2727	40.0	43.1	a
86 Pyrene	202	9.565	9.566	-0.001	89	12265	20.0	19.4	
87 Butyl benzyl phthalate	149	10.130	10.130	0.000	53	4216	20.0	16.1	
91 3,3'-Dichlorobenzidine	252	10.583	10.577	0.006	8	4265	40.0	34.6	
89 Benzo[a]anthracene	228	10.589	10.589	0.000	42	8310	20.0	17.7	Ma

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
90 Chrysene	228	10.618	10.618	0.000	66	11288	20.0	21.4	
92 Bis(2-ethylhexyl) phthalate	149	10.665	10.665	0.000	64	6861	20.0	18.7	a
93 Di-n-octyl phthalate	149	11.336	11.336	0.000	50	8423	20.0	35.2	a
94 Benzo[b]fluoranthene	252	11.683	11.683	0.000	70	8729	20.0	15.5	
95 Benzofluoranthene	252	11.683	11.683	0.000	84	20648	40.0	36.0	a
96 Benzo[k]fluoranthene	252	11.712	11.718	-0.006	27	11954	20.0	19.9	a
97 Benzo[a]pyrene	252	12.048	12.048	0.000	42	8136	20.0	18.7	
98 Indeno[1,2,3-cd]pyrene	276	13.365	13.371	-0.006	83	7412	20.0	17.5	
99 Dibenz(a,h)anthracene	278	13.412	13.412	0.000	1	8819	20.0	18.6	
100 Benzo[g,h,i]perylene	276	13.677	13.683	-0.006	74	11736	20.0	19.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8270ccvl_50_00039	Amount Added:	0.40	Units: mL
8270SIM_IS_00069	Amount Added:	6.00	Units: uL

Report Date: 08-Mar-2022 14:31:39 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a015.D

Injection Date: 03-Mar-2022 20:35:30 Instrument ID: TAC040

Lims ID: STD2

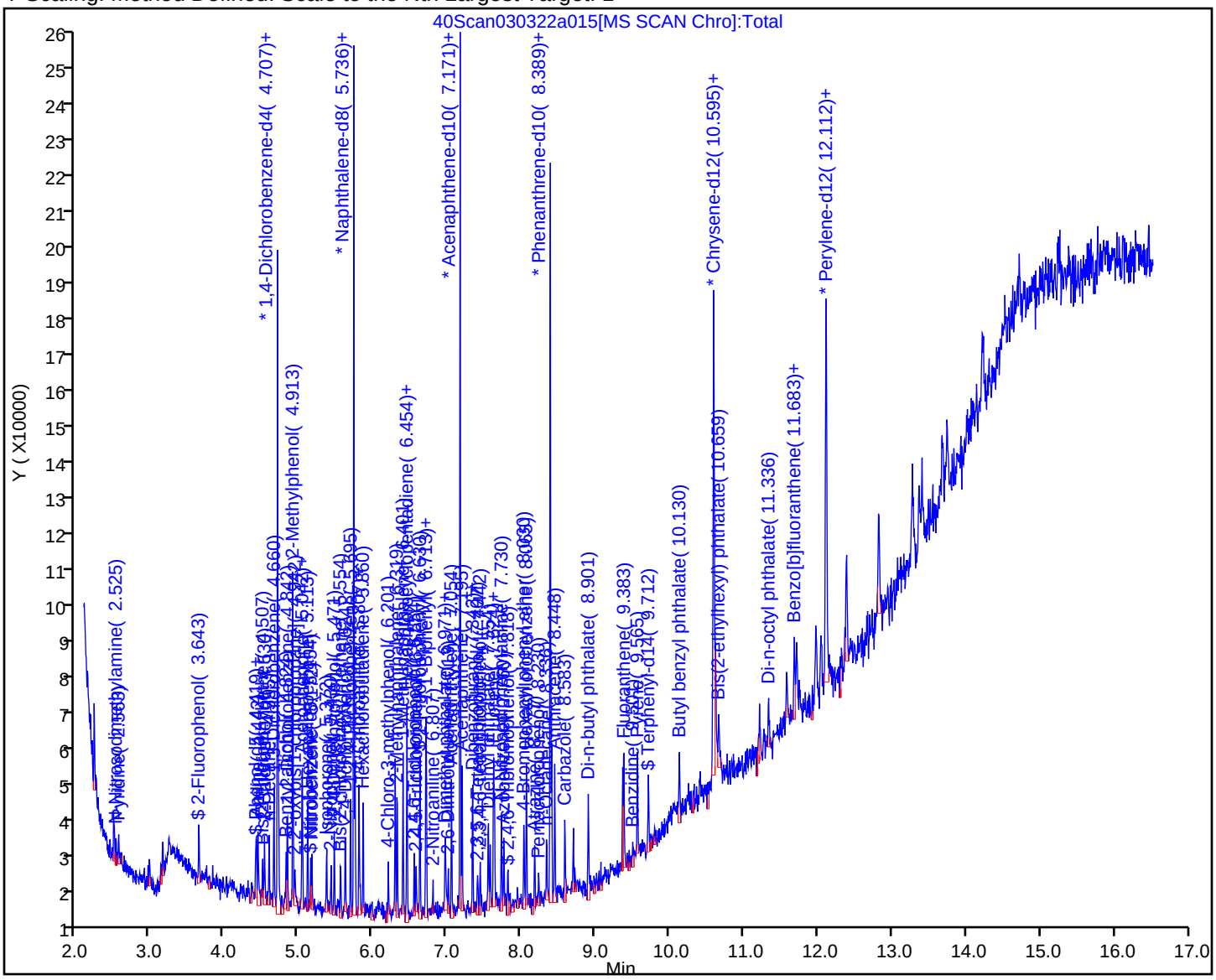
Client ID:

Operator ID: tl ALS Bottle#: 12 Worklist Smp#: 12

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

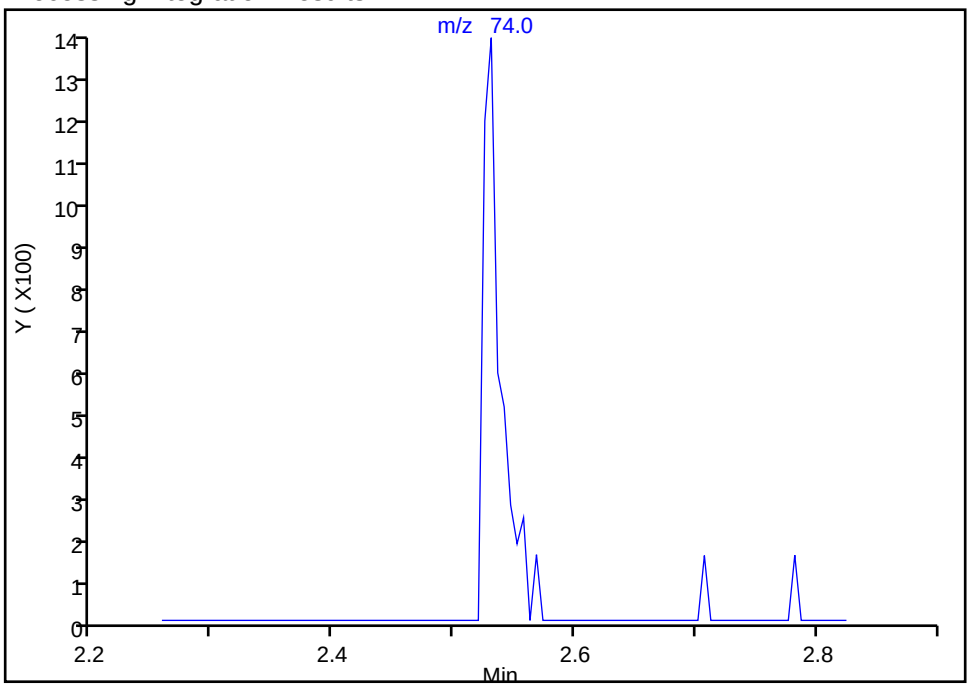
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a015.D
Injection Date: 03-Mar-2022 20:35:30 Instrument ID: TAC040
Lims ID: STD2
Client ID:
Operator ID: tl ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

15 N-Nitrosodimethylamine, CAS: 62-75-9

Signal: 1

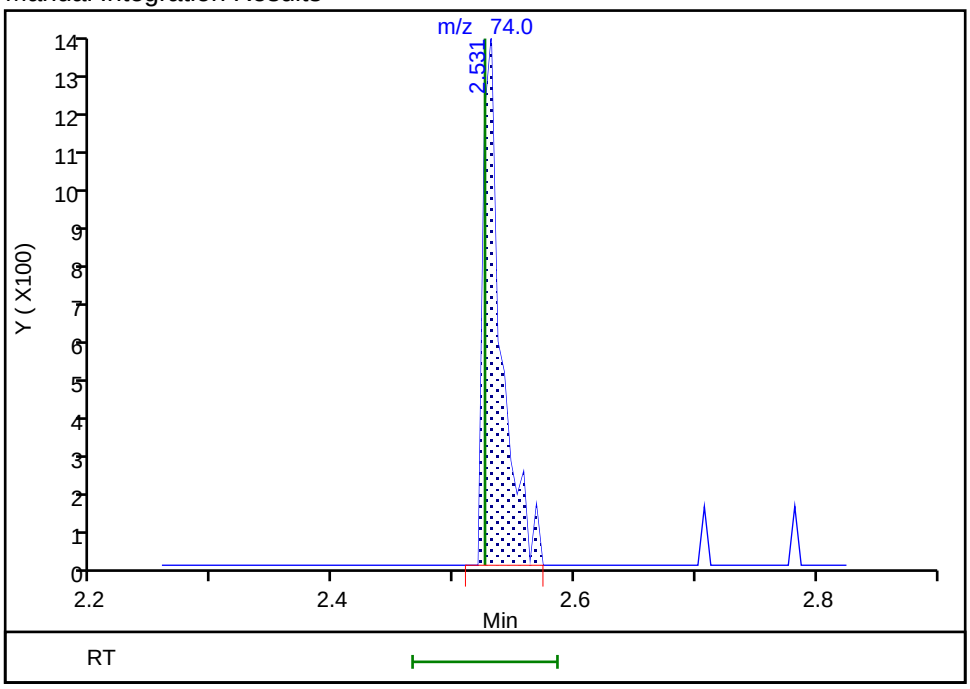
Not Detected
Expected RT: 2.53

Processing Integration Results



Manual Integration Results

RT: 2.53
Area: 1451
Amount: 20.268772
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:52:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

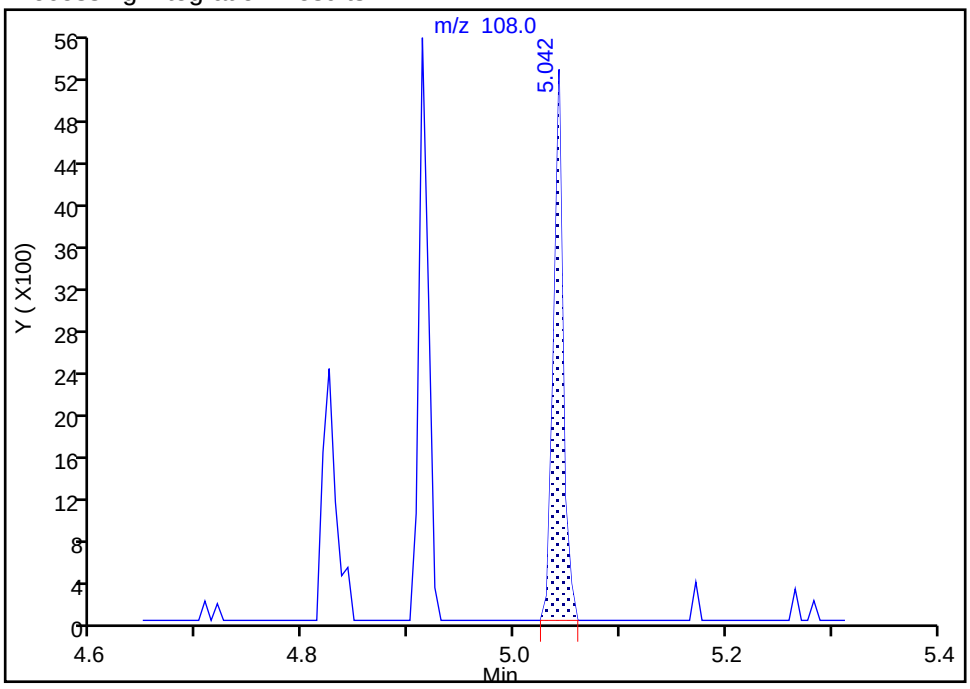
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a015.D
Injection Date: 03-Mar-2022 20:35:30 Instrument ID: TAC040
Lims ID: STD2
Client ID:
Operator ID: tl ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

28 2-Methylphenol, CAS: 95-48-7

Signal: 1

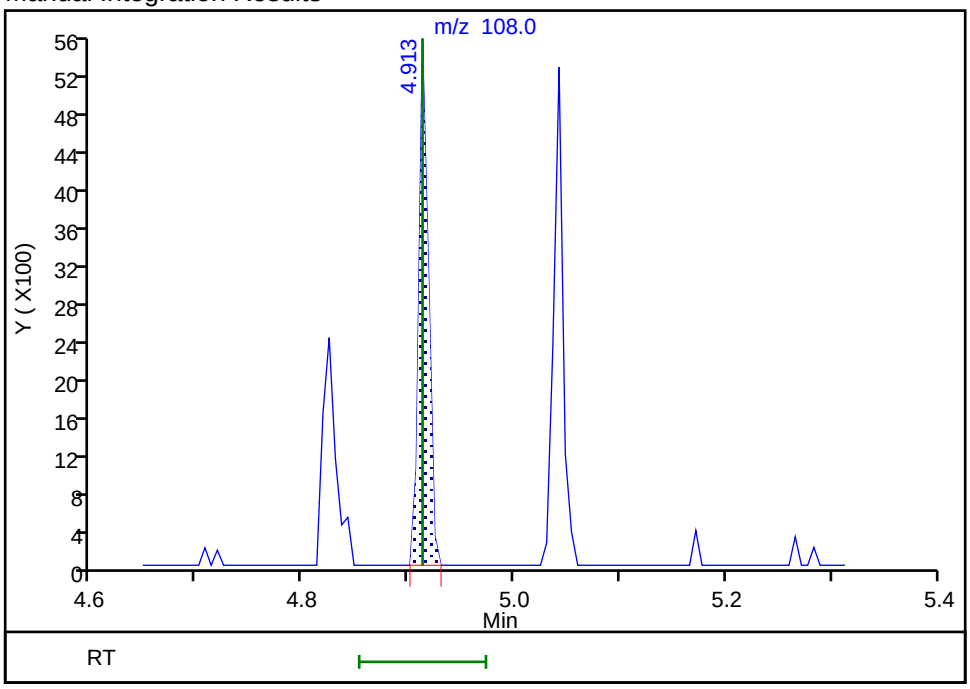
Processing Integration Results

RT: 5.04
Area: 3287
Amount: 17.552249
Amount Units: ug/L



Manual Integration Results

RT: 4.91
Area: 3507
Amount: 18.288597
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:57:45
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

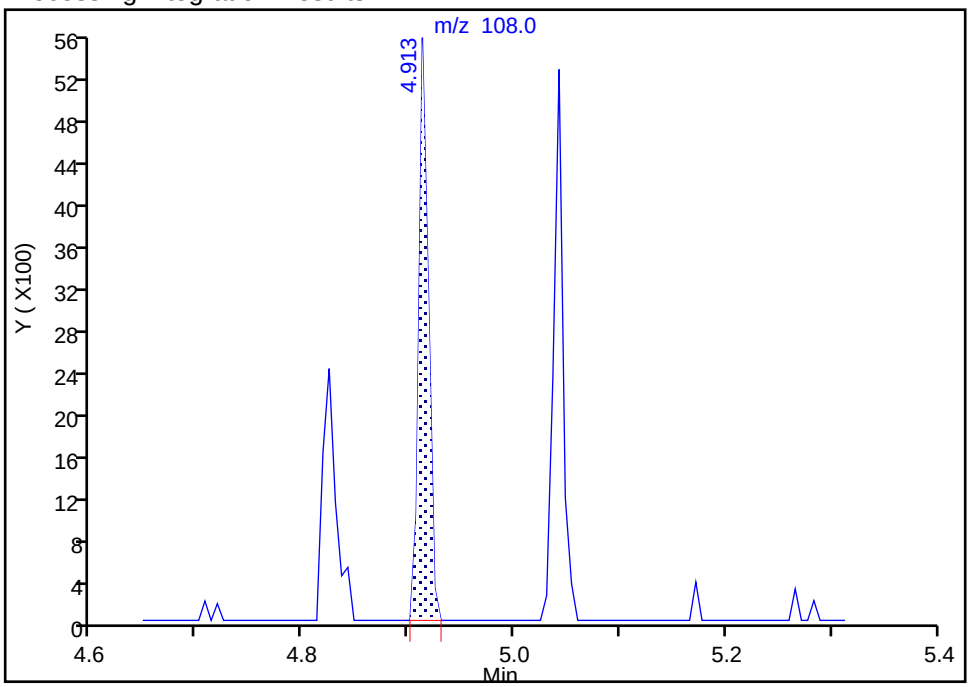
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a015.D
Injection Date: 03-Mar-2022 20:35:30 Instrument ID: TAC040
Lims ID: STD2
Client ID:
Operator ID: tl ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

32 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

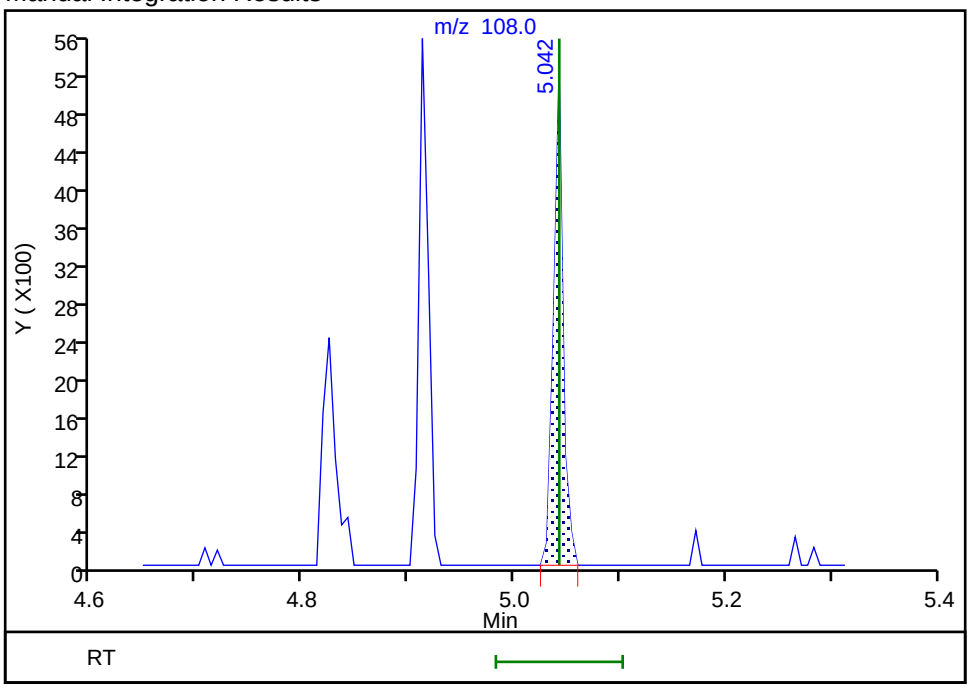
Processing Integration Results

RT: 4.91
Area: 3507
Amount: 18.151969
Amount Units: ug/L



Manual Integration Results

RT: 5.04
Area: 3287
Amount: 17.335190
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:57:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

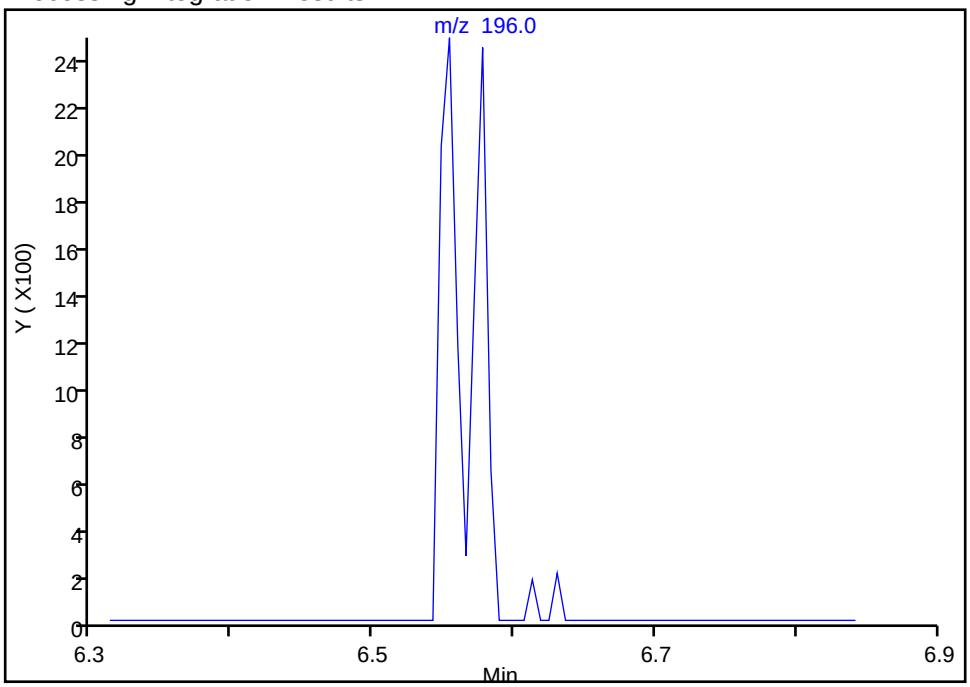
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a015.D
Injection Date: 03-Mar-2022 20:35:30 Instrument ID: TAC040
Lims ID: STD2
Client ID:
Operator ID: tl ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

51 2,4,5-Trichlorophenol, CAS: 95-95-4

Signal: 1

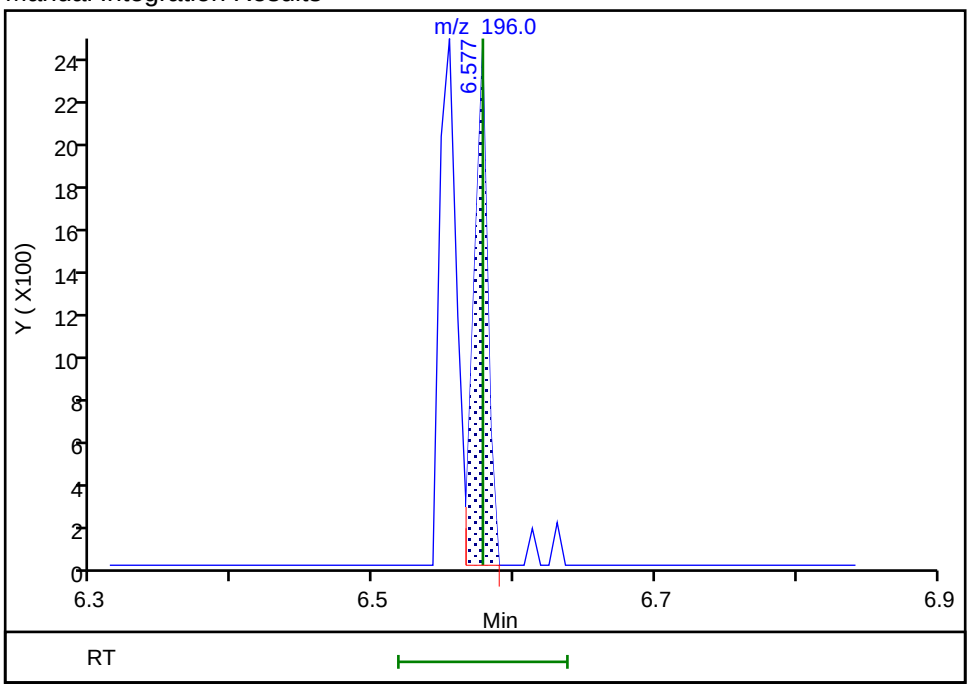
Not Detected
Expected RT: 6.58

Processing Integration Results



Manual Integration Results

RT: 6.58
Area: 1656
Amount: 21.574509
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:53:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

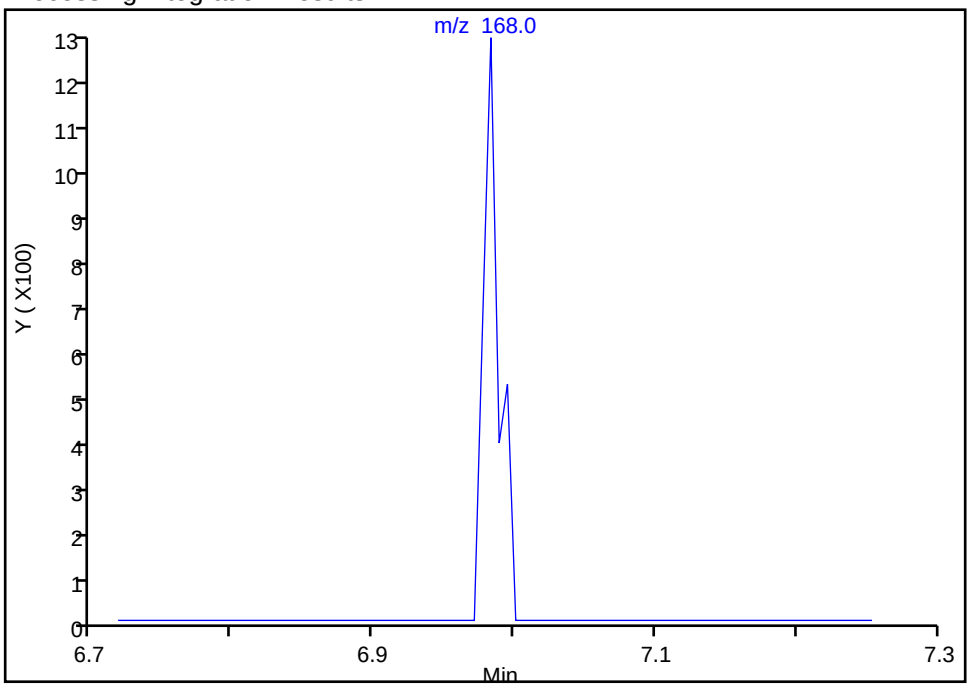
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a015.D
Injection Date: 03-Mar-2022 20:35:30 Instrument ID: TAC040
Lims ID: STD2
Client ID:
Operator ID: tl ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

56 1,3-Dinitrobenzene, CAS: 99-65-0

Signal: 1

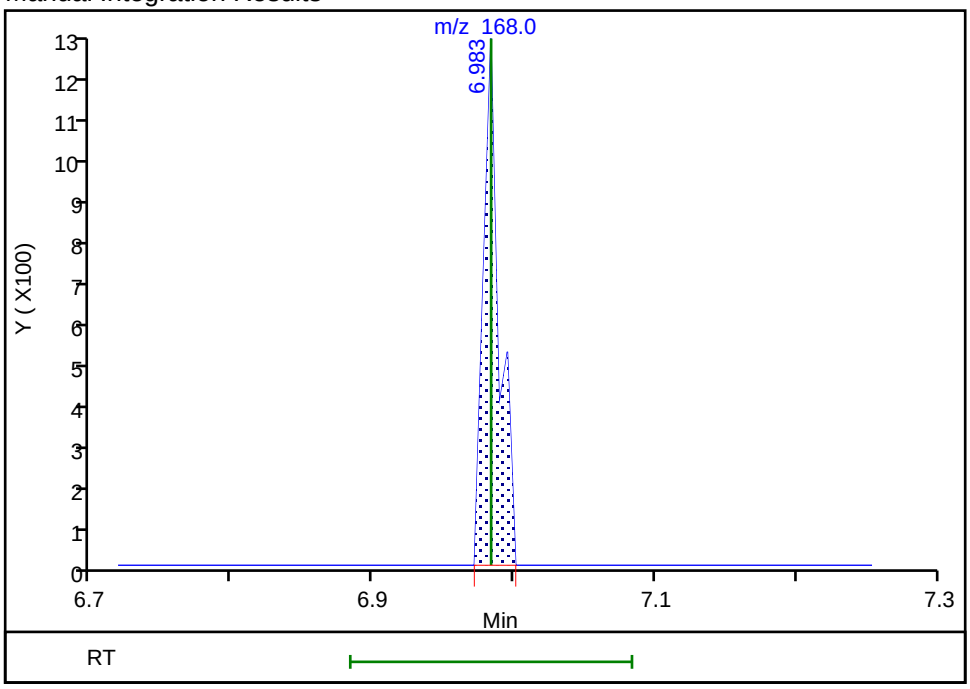
Not Detected
Expected RT: 6.98

Processing Integration Results



Manual Integration Results

RT: 6.98
Area: 947
Amount: 35.613198
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:53:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

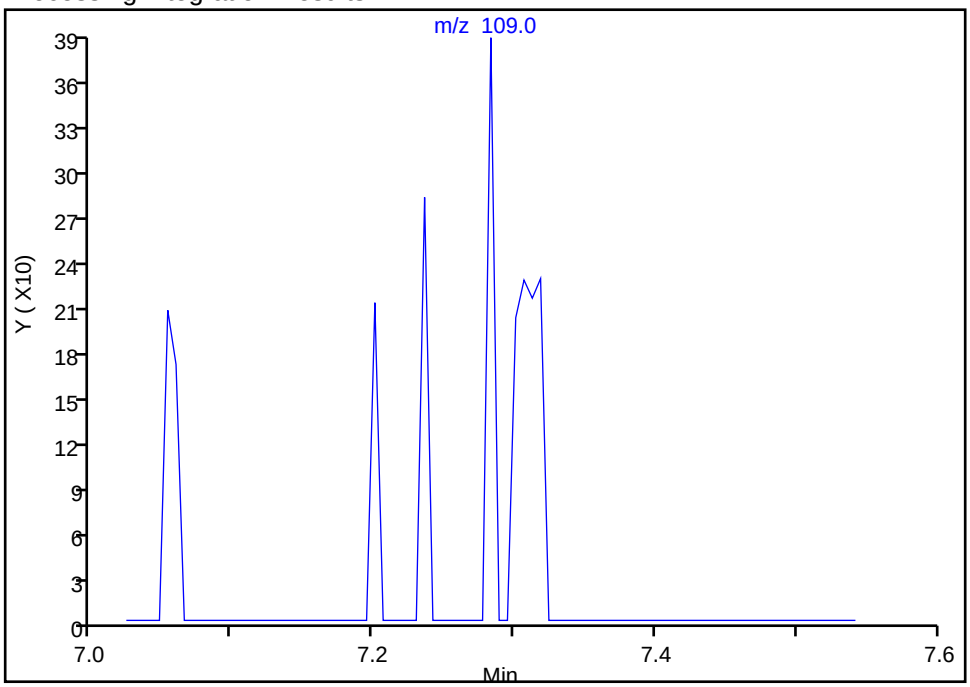
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a015.D
Injection Date: 03-Mar-2022 20:35:30 Instrument ID: TAC040
Lims ID: STD2
Client ID:
Operator ID: tl ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

63 4-Nitrophenol, CAS: 100-02-7

Signal: 1

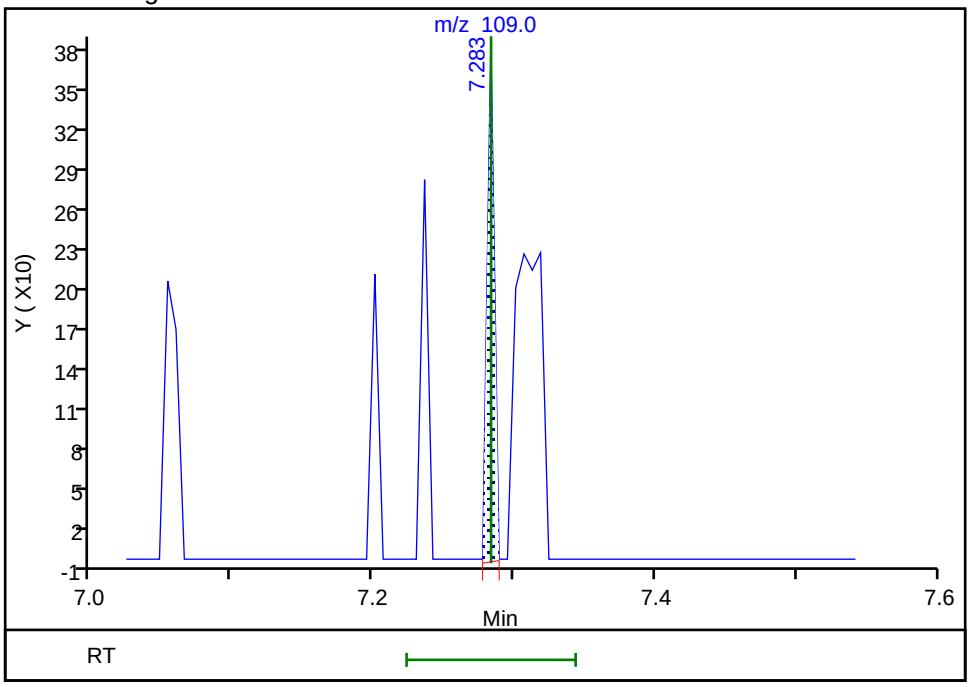
Not Detected
Expected RT: 7.28

Processing Integration Results



Manual Integration Results

RT: 7.28
Area: 139
Amount: 110.0947
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:53:58
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

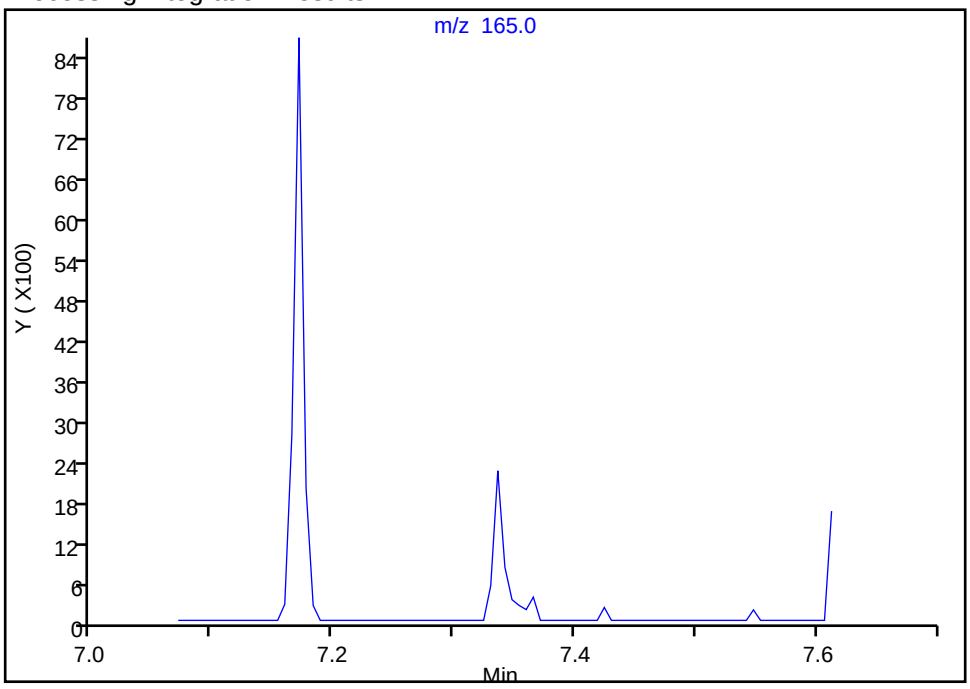
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a015.D
Injection Date: 03-Mar-2022 20:35:30 Instrument ID: TAC040
Lims ID: STD2
Client ID:
Operator ID: tl ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

62 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

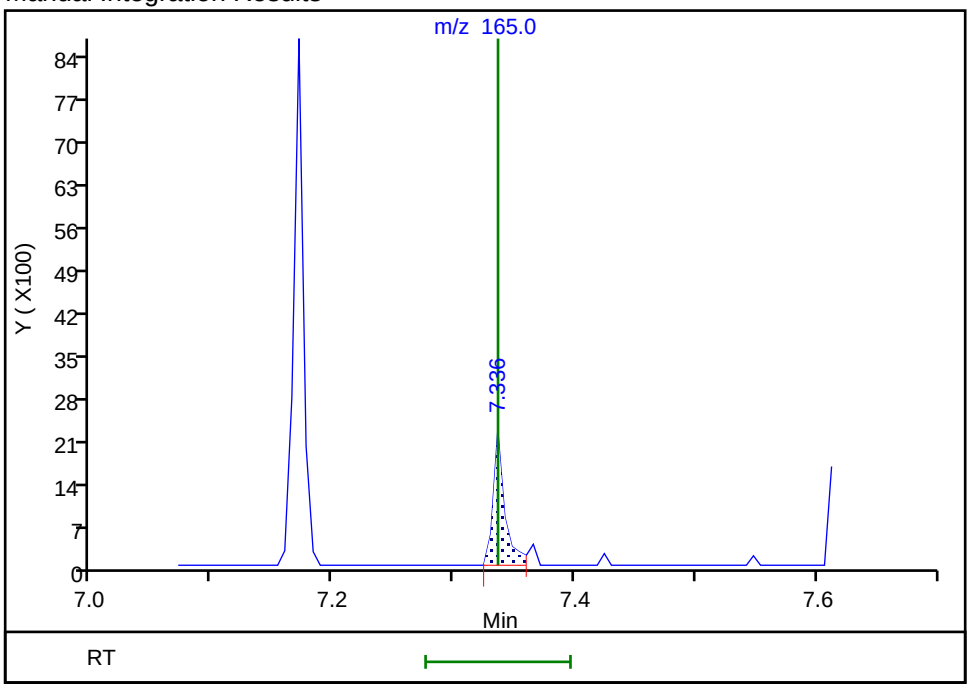
Not Detected
Expected RT: 7.34

Processing Integration Results



Manual Integration Results

RT: 7.34
Area: 1479
Amount: 32.905022
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:54:02
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

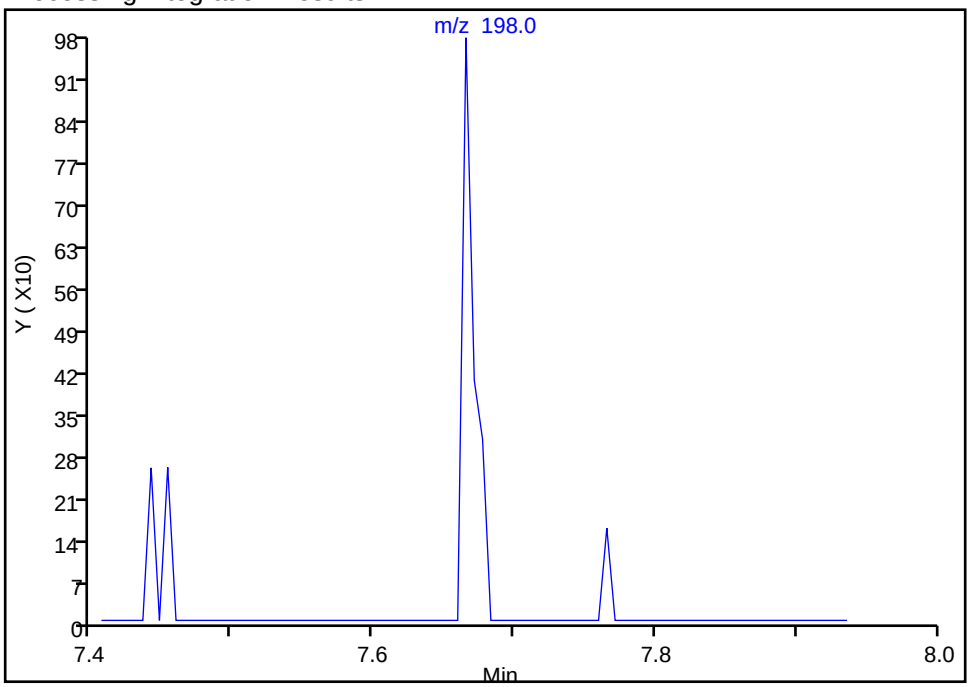
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a015.D
Injection Date: 03-Mar-2022 20:35:30 Instrument ID: TAC040
Lims ID: STD2
Client ID:
Operator ID: tl ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

73 4,6-Dinitro-2-methylphenol, CAS: 534-52-1

Signal: 1

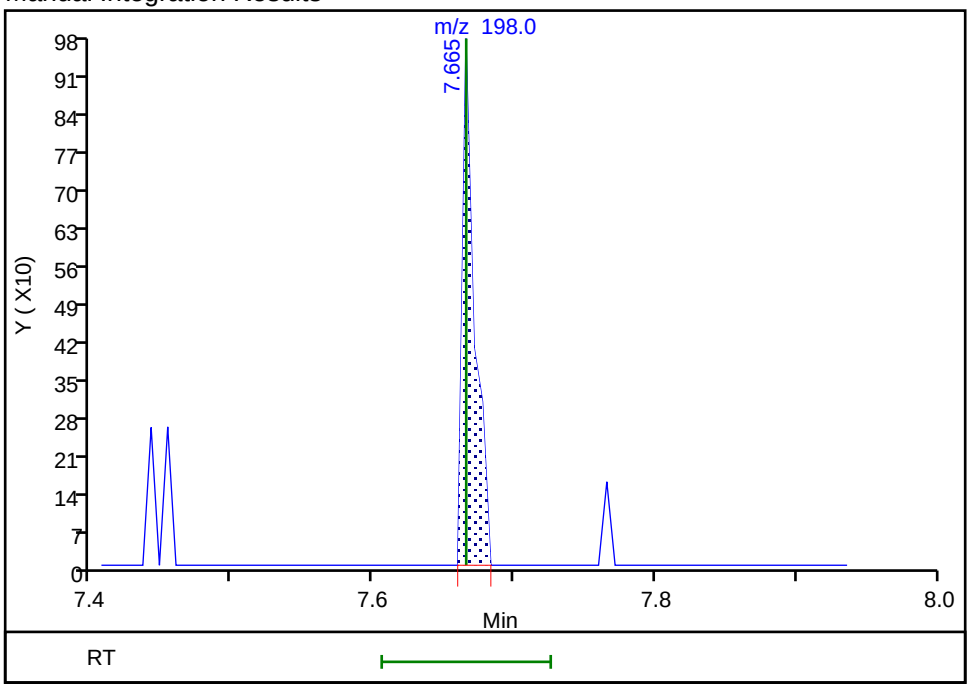
Not Detected
Expected RT: 7.67

Processing Integration Results



Manual Integration Results

RT: 7.67
Area: 595
Amount: 83.544656
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:54:12
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

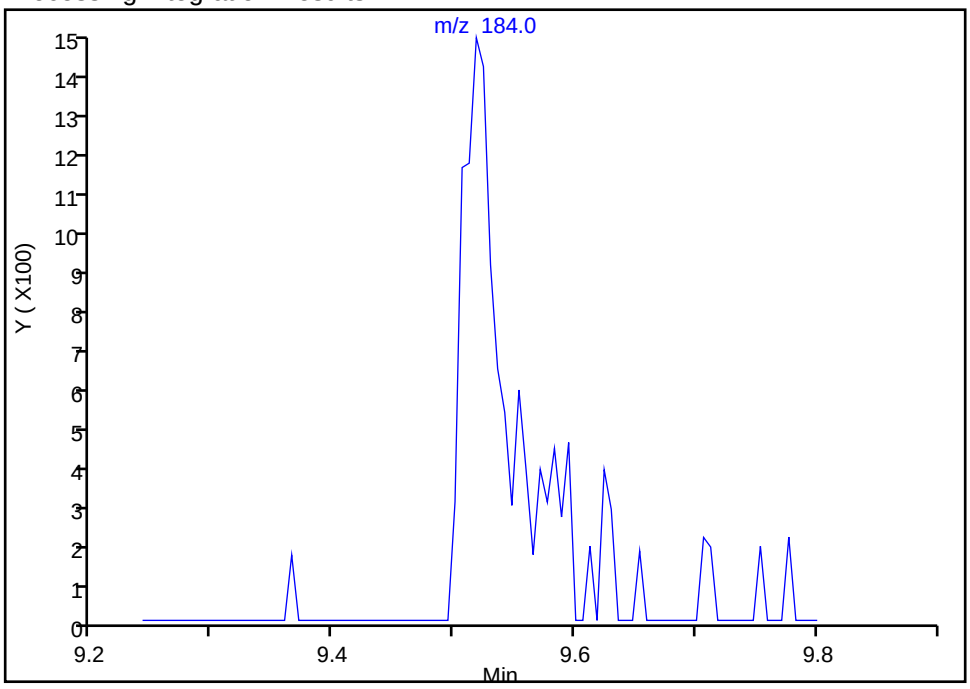
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a015.D
Injection Date: 03-Mar-2022 20:35:30 Instrument ID: TAC040
Lims ID: STD2
Client ID:
Operator ID: tl ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

85 Benzidine, CAS: 92-87-5

Signal: 1

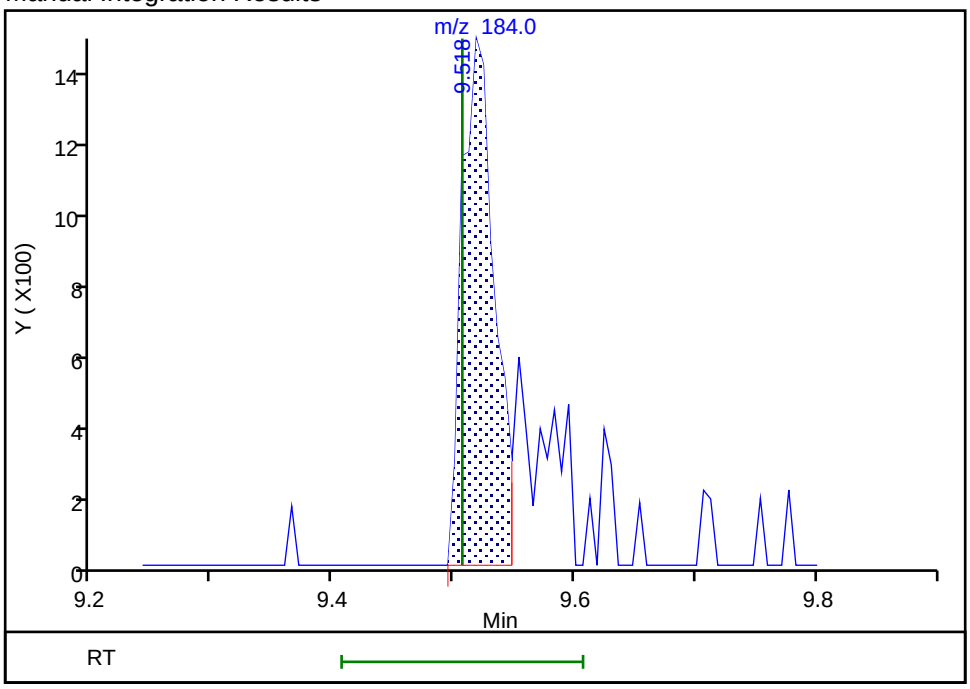
Not Detected
Expected RT: 9.51

Processing Integration Results



Manual Integration Results

RT: 9.52
Area: 2727
Amount: 43.079329
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:54:26
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

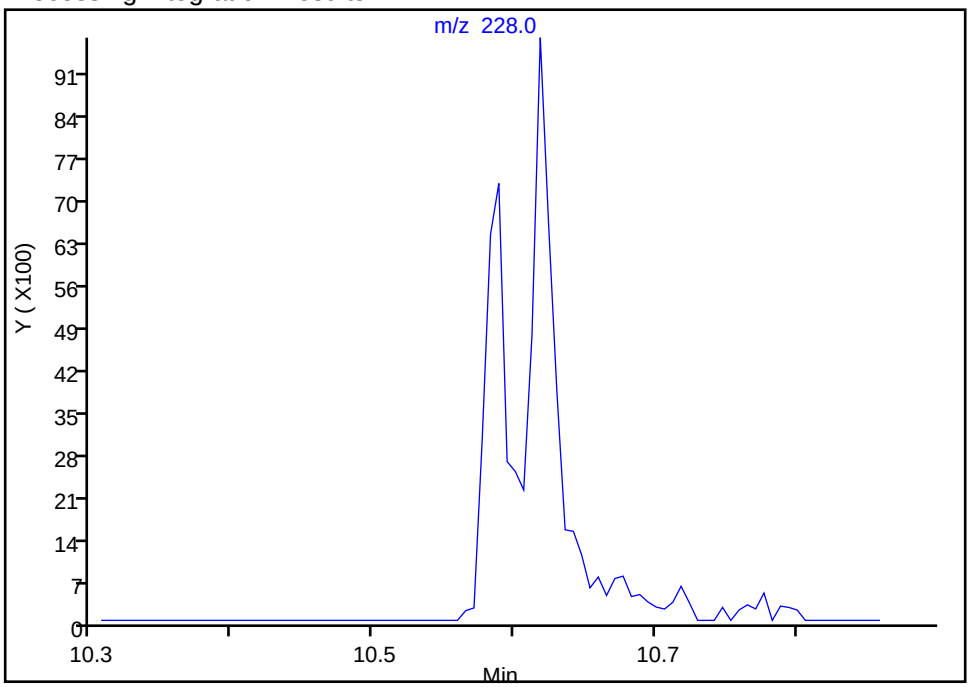
Data File:	\\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a015.D				
Injection Date:	03-Mar-2022 20:35:30	Instrument ID:	TAC040		
Lims ID:	STD2				
Client ID:					
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

89 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

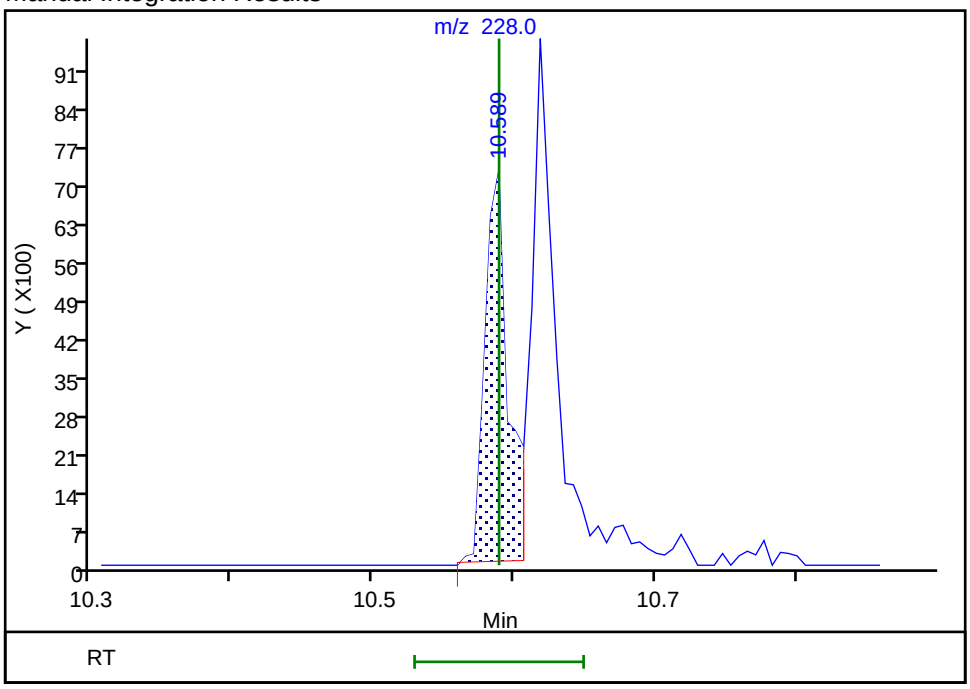
Not Detected
Expected RT: 10.59

Processing Integration Results



Manual Integration Results

RT: 10.59
Area: 8310
Amount: 17.711140
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:54:47
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

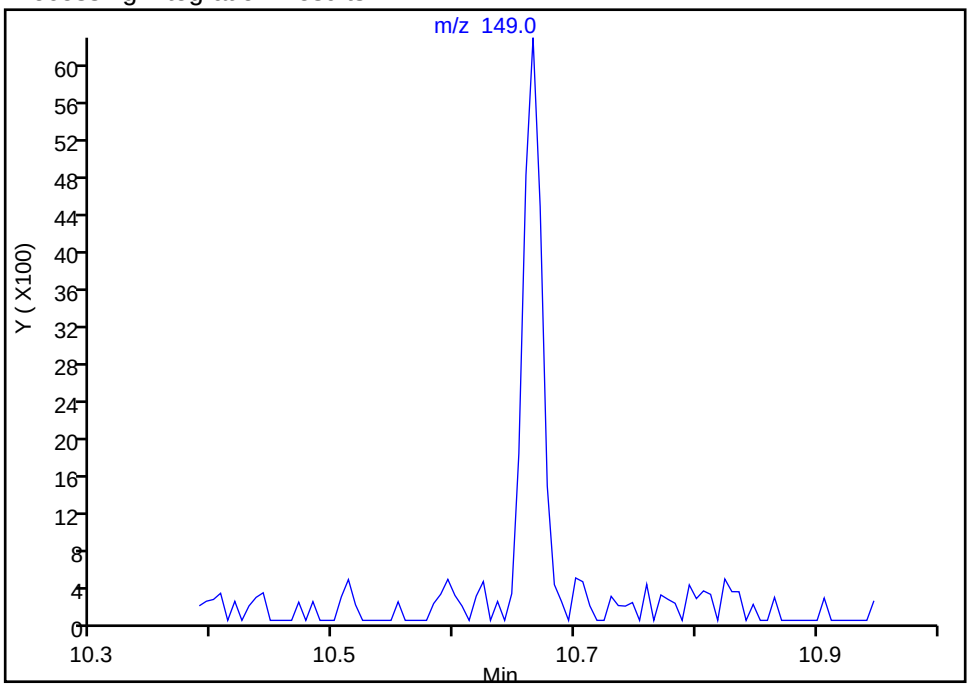
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a015.D
Injection Date: 03-Mar-2022 20:35:30 Instrument ID: TAC040
Lims ID: STD2
Client ID:
Operator ID: tl ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

92 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7

Signal: 1

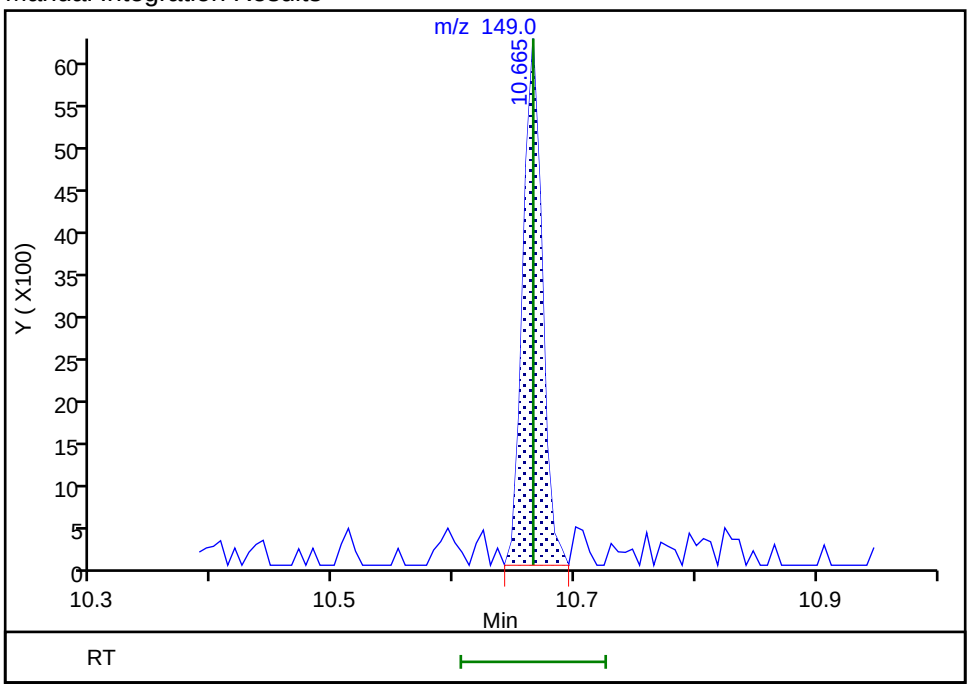
Not Detected
Expected RT: 10.67

Processing Integration Results



Manual Integration Results

RT: 10.67
Area: 6861
Amount: 18.680787
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:54:55
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

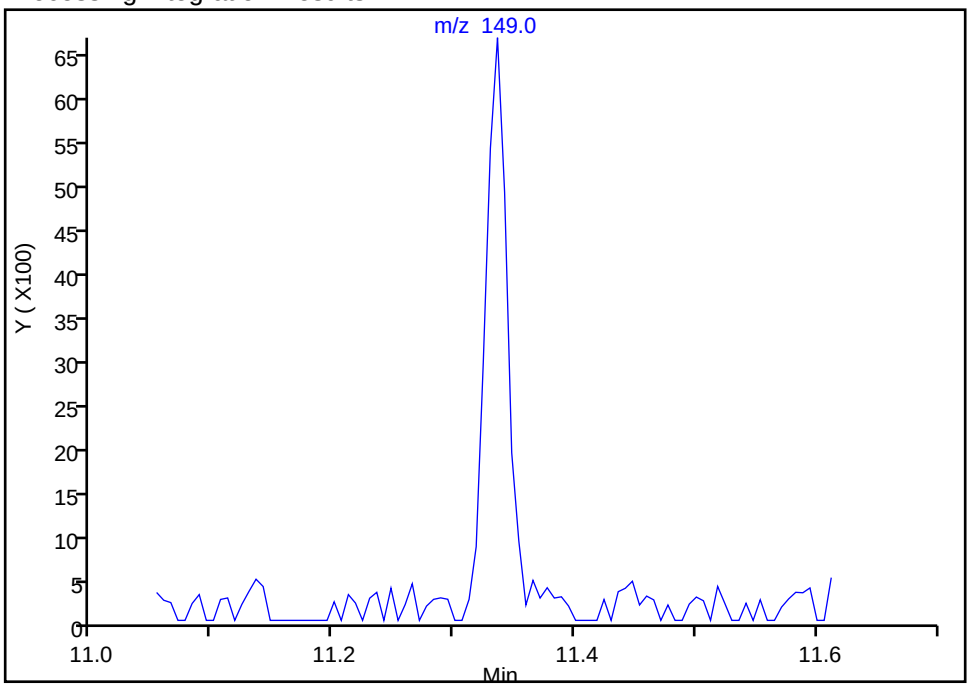
Data File:	\\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a015.D				
Injection Date:	03-Mar-2022 20:35:30	Instrument ID:	TAC040		
Lims ID:	STD2				
Client ID:					
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

93 Di-n-octyl phthalate, CAS: 117-84-0

Signal: 1

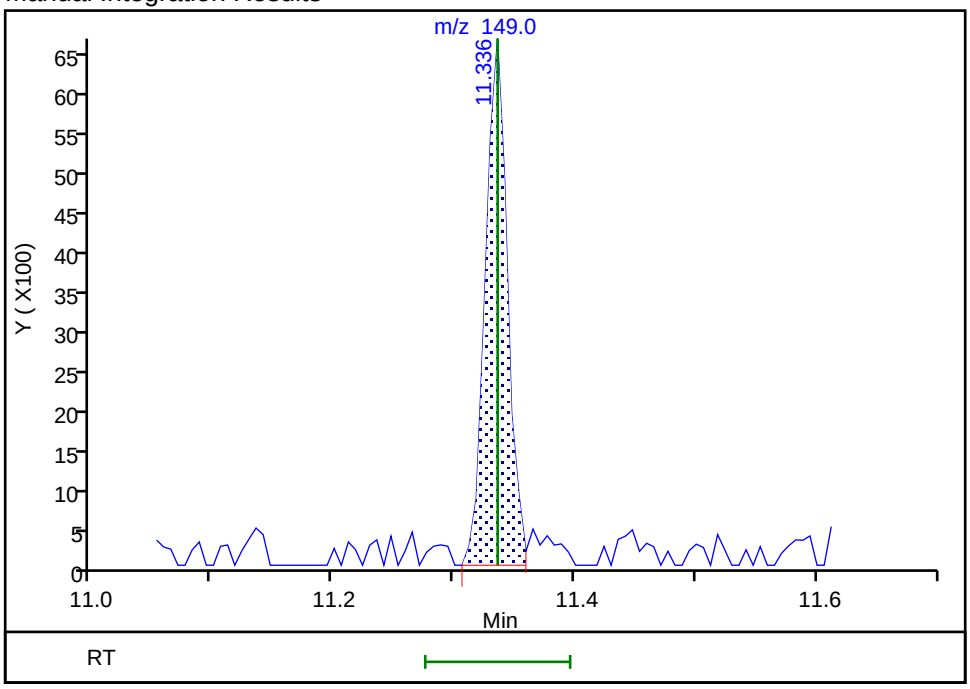
Not Detected
Expected RT: 11.34

Processing Integration Results



Manual Integration Results

RT: 11.34
Area: 8423
Amount: 35.197240
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:54:59
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

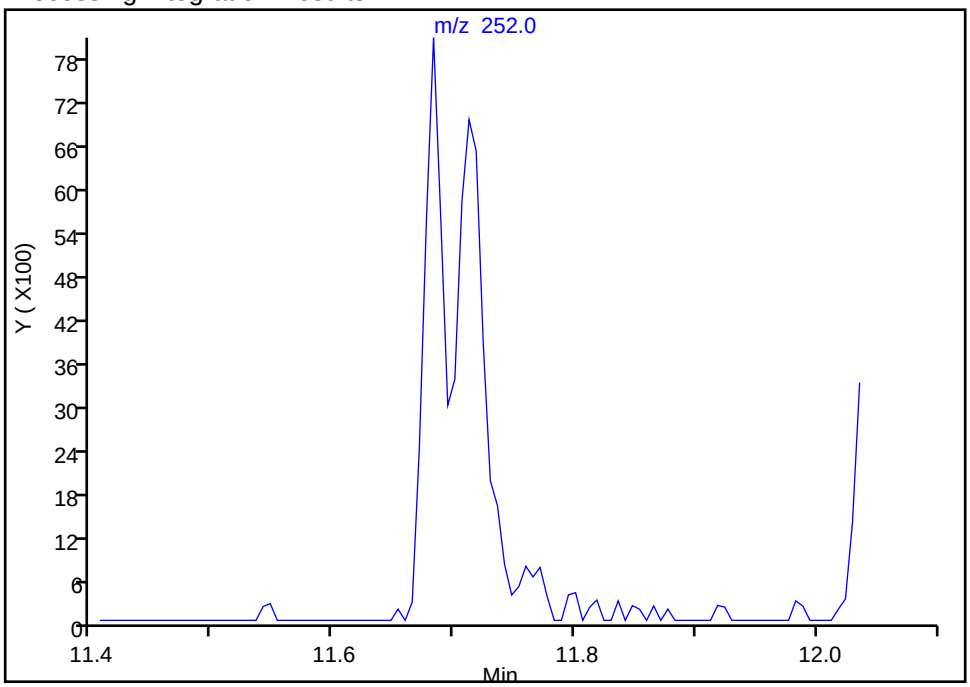
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a015.D
Injection Date: 03-Mar-2022 20:35:30 Instrument ID: TAC040
Lims ID: STD2
Client ID:
Operator ID: tl ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

95 Benzofluoranthene, CAS: 56832-73-6

Signal: 1

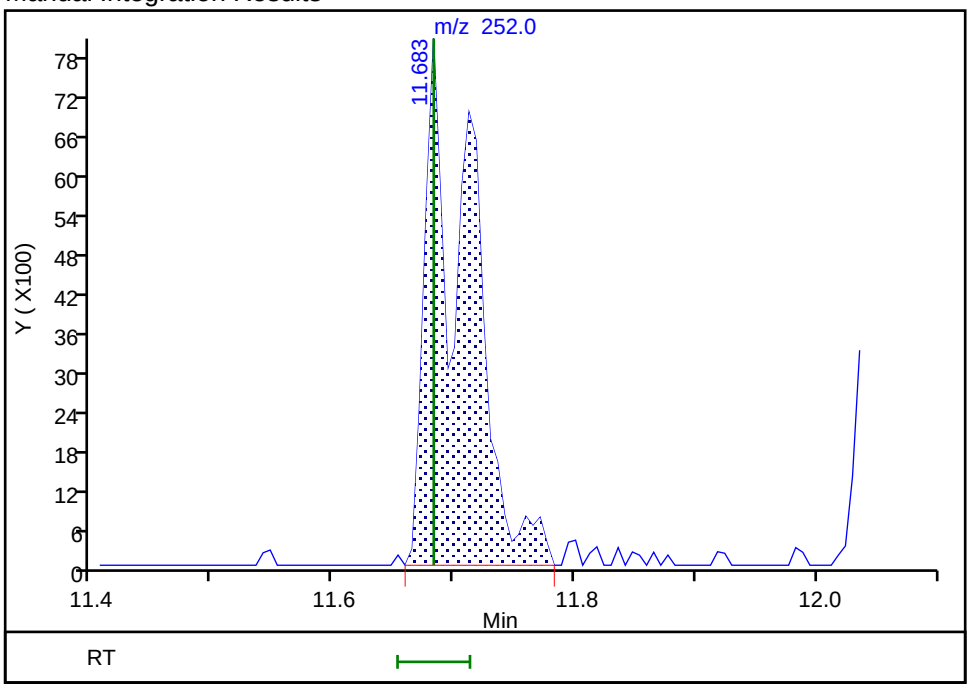
Not Detected
Expected RT: 11.68

Processing Integration Results



Manual Integration Results

RT: 11.68
Area: 20648
Amount: 35.981348
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:55:03
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

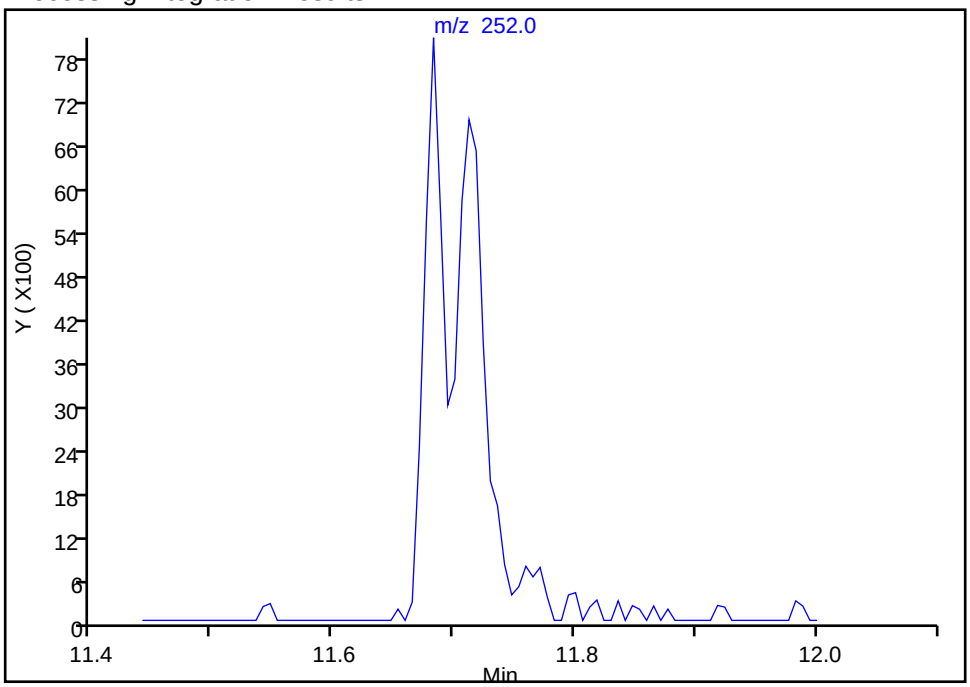
Data File:	\\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a015.D				
Injection Date:	03-Mar-2022 20:35:30	Instrument ID:	TAC040		
Lims ID:	STD2				
Client ID:					
Operator ID:	tl	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

96 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

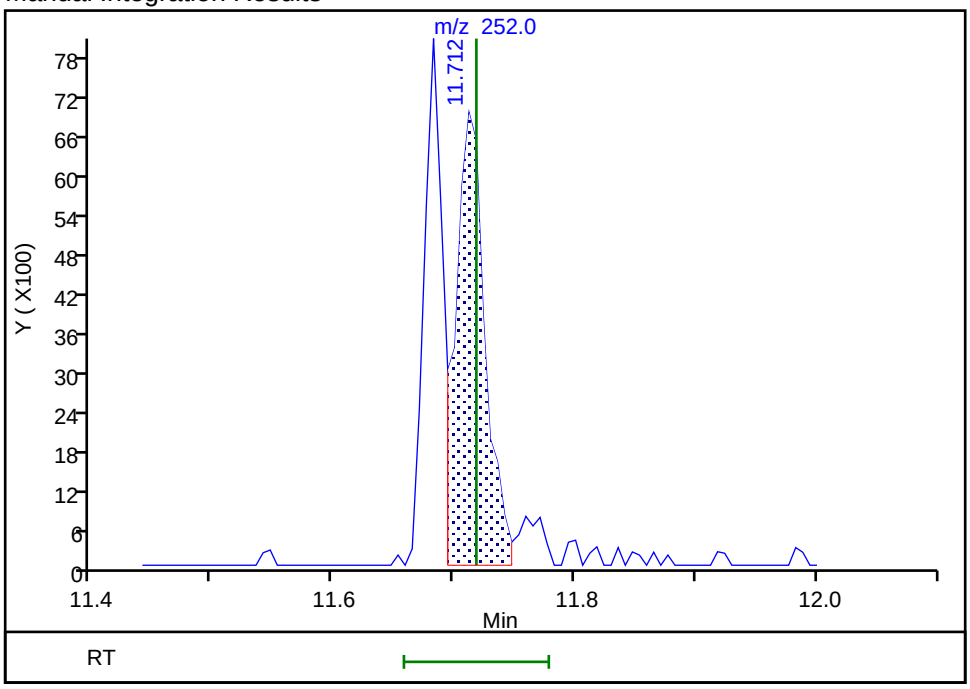
Not Detected
Expected RT: 11.72

Processing Integration Results



Manual Integration Results

RT: 11.71
Area: 11954
Amount: 19.859141
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:55:09
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 03-Mar-2022 20:58:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 1
Operator ID: tl Instrument ID: TAC040
Sublist: chrom-8270TAC040*sub20

Method: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 08-Mar-2022 14:31:43 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1601

First Level Reviewer: limmere Date: 04-Mar-2022 11:50:35

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
*	1 1,4-Dichlorobenzene-d4	152	4.707	4.707	0.000	88	21497	100.0	100.0	
*	2 Naphthalene-d8	136	5.736	5.736	0.000	97	78134	100.0	100.0	
*	3 Acenaphthene-d10	164	7.172	7.172	0.000	88	39688	100.0	100.0	
*	4 Phenanthrene-d10	188	8.389	8.389	0.000	93	57346	100.0	100.0	
*	5 Chrysene-d12	240	10.595	10.595	0.000	92	39967	100.0	100.0	
*	6 Perylene-d12	264	12.112	12.112	0.000	91	46340	100.0	100.0	
$	7 2-Fluorophenol	112	3.643	3.649	-0.006	22	2293	10.0	11.3	
$	8 Phenol-d5	99	4.413	4.413	0.000	78	2250	10.0	10.5	
$	9 Nitrobenzene-d5	82	5.154	5.154	0.000	39	1497	10.0	9.97	
$	10 2-Fluorobiphenyl	172	6.630	6.630	0.000	51	5040	10.0	9.94	
$	11 2,4,6-Tribromophenol	330	7.819	7.819	0.000	1	544	10.0	12.6	
$	12 Terphenyl-d14	244	9.713	9.713	0.000	19	2548	10.0	13.0	
	15 N-Nitrosodimethylamine	74	2.531	2.525	0.006	70	583	10.0	8.81	a
	16 Pyridine	79	2.579	2.536	0.043	14	2470	20.0	20.0	
	18 Phenol	94	4.425	4.425	0.000	40	2211	10.0	10.9	
	17 Aniline	93	4.442	4.442	0.000	13	1361	10.0	10.2	
	19 Bis(2-chloroethyl)ether	93	4.507	4.507	0.000	61	1783	10.0	11.4	
	20 2-Chlorophenol	128	4.531	4.531	0.000	33	2308	10.0	9.27	
	21 n-Decane	57	4.595	4.595	0.000	57	1283	10.0	9.67	
	22 1,3-Dichlorobenzene	146	4.660	4.660	0.000	62	3408	10.0	11.2	
	23 1,4-Dichlorobenzene	146	4.719	4.719	0.000	77	3553	10.0	10.6	
	27 Benzyl alcohol	79	4.825	4.825	0.000	49	903	10.0	8.66	
	24 1,2-Dichlorobenzene	146	4.842	4.842	0.000	67	3237	10.0	11.2	
	28 2-Methylphenol	108	4.913	4.913	0.000	33	2076	10.0	11.7	a
	25 2,2'-oxybis[1-chloropropane]	45	4.942	4.942	0.000	22	1547	10.0	8.94	
	29 Acetophenone	105	5.036	5.036	0.000	83	2775	10.0	10.7	
	32 3 & 4 Methylphenol	108	5.042	5.042	0.000	53	1846	10.0	10.5	a
	30 N-Nitrosodi-n-propylamine	70	5.042	5.042	0.000	28	560	10.0	7.86	a
	31 Hexachloroethane	117	5.113	5.113	0.000	58	1126	10.0	9.35	
	33 Nitrobenzene	77	5.172	5.172	0.000	39	1326	10.0	10.3	a
	34 Isophorone	82	5.372	5.372	0.000	65	2343	10.0	12.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
35 2-Nitrophenol	139	5.431	5.430	0.000	26	909	10.0	7.11	
37 2,4-Dimethylphenol	107	5.472	5.472	0.000	30	1748	10.0	12.6	
38 Bis(2-chloroethoxy)methane	93	5.560	5.560	0.000	70	2316	10.0	11.9	
39 2,4-Dichlorophenol	162	5.619	5.619	0.000	40	1837	10.0	10.4	
40 1,2,4-Trichlorobenzene	180	5.695	5.695	0.000	43	2850	10.0	10.9	
41 Naphthalene	128	5.754	5.754	0.000	35	7614	10.0	10.6	
42 2,6-Dichlorophenol	162	5.807	5.807	0.000	45	2103	10.0	10.3	
43 4-Chloroaniline	127	5.807	5.807	0.000	9	857	10.0	27.3	a
44 Hexachlorobutadiene	225	5.860	5.860	0.000	32	1876	10.0	11.0	
45 4-Chloro-3-methylphenol	107	6.201	6.201	0.000	20	1268	10.0	9.37	
46 2-Methylnaphthalene	142	6.325	6.325	0.000	41	4476	10.0	9.99	
47 1-Methylnaphthalene	142	6.401	6.401	0.000	55	4242	10.0	9.65	
49 1,2,4,5-Tetrachlorobenzene	216	6.454	6.454	0.000	57	2676	10.0	10.4	
48 Hexachlorocyclopentadiene	237	6.454	6.454	0.000	33	1598	10.0	12.7	
50 2,4,6-Trichlorophenol	196	6.554	6.554	0.000	0	1077	10.0	15.5	
51 2,4,5-Trichlorophenol	196	6.578	6.577	0.001	1	748	10.0	16.0	
52 1,1'-Biphenyl	154	6.707	6.707	0.000	71	5811	10.0	10.9	
53 2-Chloronaphthalene	162	6.719	6.719	0.000	61	4253	10.0	9.58	
54 2-Nitroaniline	138	6.807	6.807	0.000	4	1148	10.0	19.9	
55 Dimethyl phthalate	163	6.972	6.972	0.000	73	5341	10.0	10.2	
56 1,3-Dinitrobenzene	168	6.983	6.983	0.000	1	269	10.0	26.3	a
57 2,6-Dinitrotoluene	165	7.013	7.013	0.000	1	817	10.0	27.1	
58 Acenaphthylene	152	7.054	7.054	0.000	77	6543	10.0	10.2	
59 3-Nitroaniline	138	7.148	7.142	0.006	1	493	10.0	50.4	a
60 Acenaphthene	153	7.201	7.201	0.000	42	4445	10.0	10.1	
62 2,4-Dinitrotoluene	165	7.336	7.336	0.000	5	733	10.0	28.0	a
61 Dibenzofuran	168	7.342	7.342	0.000	73	5427	10.0	9.28	
64 2,3,5,6-Tetrachlorophenol	232	7.407	7.407	0.000	1	534	10.0	16.5	
65 2,3,4,6-Tetrachlorophenol	232	7.442	7.442	0.000	1	546	10.0	15.5	
66 Diethyl phthalate	149	7.554	7.554	0.000	62	4680	10.0	9.44	
67 Fluorene	166	7.624	7.624	0.000	69	4479	10.0	9.64	
68 4-Chlorophenyl phenyl ether	204	7.636	7.636	0.000	22	2535	10.0	11.3	
70 4-Nitroaniline	138	7.642	7.642	0.000	1	430	10.0	6.87	a
71 N-Nitrosodiphenylamine	169	7.730	7.730	0.000	12	2549	10.0	9.34	
72 Azobenzene	77	7.760	7.760	0.000	61	2549	10.0	10.7	
74 4-Bromophenyl phenyl ether	248	8.030	8.036	-0.006	10	1413	10.0	10.6	
75 Hexachlorobenzene	284	8.066	8.066	0.000	42	1963	10.0	10.1	
76 Atrazine	200	8.177	8.177	0.000	1	790	10.0	10.0	a
77 Pentachlorophenol	266	8.230	8.230	0.000	1	410	20.0	66.6	
78 n-Octadecane	43	8.336	8.342	-0.006	13	1022	10.0	10.9	
79 Phenanthrene	178	8.407	8.407	0.000	34	5943	10.0	10.1	
80 Anthracene	178	8.448	8.448	0.000	44	5798	10.0	10.4	
81 Carbazole	167	8.583	8.583	0.000	29	3100	10.0	7.85	
83 Di-n-butyl phthalate	149	8.901	8.901	0.000	43	6308	10.0	10.3	
84 Fluoranthene	202	9.383	9.383	0.000	43	5067	10.0	8.65	
85 Benzidine	184	9.513	9.507	0.006	1	1486	20.0	33.1	a
86 Pyrene	202	9.566	9.566	0.000	81	4531	10.0	7.51	
87 Butyl benzyl phthalate	149	10.130	10.130	0.000	43	2093	10.0	8.96	
91 3,3'-Dichlorobenzidine	252	10.583	10.577	0.006	1	1994	20.0	21.7	
89 Benzo[a]anthracene	228	10.589	10.589	0.000	13	4261	10.0	10.8	a
90 Chrysene	228	10.618	10.618	0.000	60	4261	10.0	9.40	
92 Bis(2-ethylhexyl) phthalate	149	10.665	10.665	0.000	43	2995	10.0	9.15	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
93 Di-n-octyl phthalate	149	11.336	11.336	0.000	1	4072	10.0	29.6	a
94 Benzo[b]fluoranthene	252	11.677	11.683	-0.006	47	5219	10.0	10.1	
95 Benzofluoranthene	252	11.712	11.683	0.029	72	10348	20.0	19.7	a
96 Benzo[k]fluoranthene	252	11.712	11.718	-0.006	39	5755	10.0	10.4	
97 Benzo[a]pyrene	252	12.048	12.048	0.000	41	3720	10.0	10.6	
98 Indeno[1,2,3-cd]pyrene	276	13.365	13.371	-0.006	53	3840	10.0	10.9	
99 Dibenz(a,h)anthracene	278	13.406	13.412	-0.006	1	4074	10.0	10.7	
100 Benzo[g,h,i]perylene	276	13.671	13.683	-0.012	57	5288	10.0	9.46	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8270ccvl_50_00039	Amount Added:	0.20	Units: mL
8270SIM_IS_00069	Amount Added:	8.00	Units: uL

Report Date: 08-Mar-2022 14:31:45 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Injection Date: 03-Mar-2022 20:58:30 Instrument ID: TAC040

Lims ID: STD1

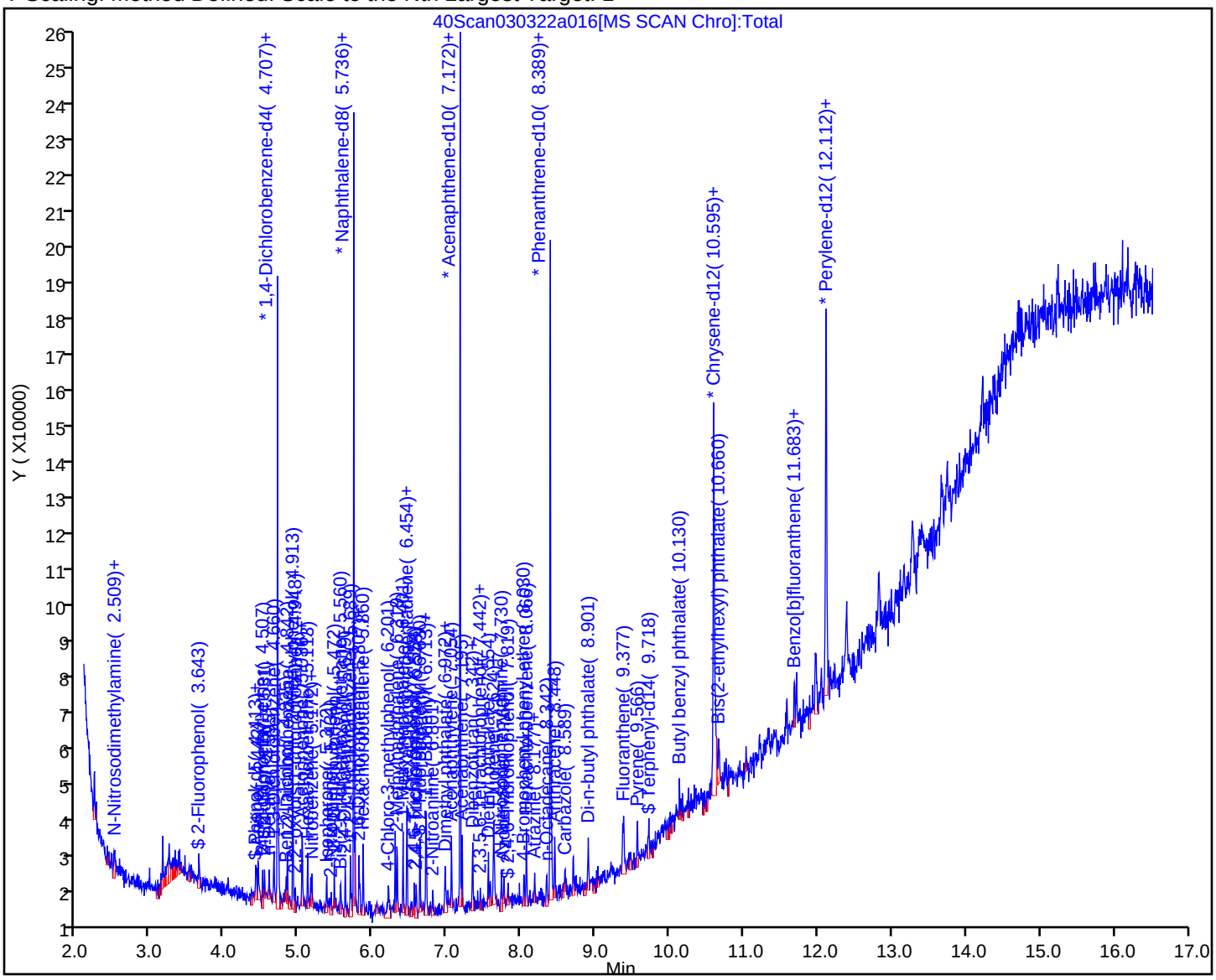
Client ID:

Operator ID: tl ALS Bottle#: 13 Worklist Smp#: 13

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

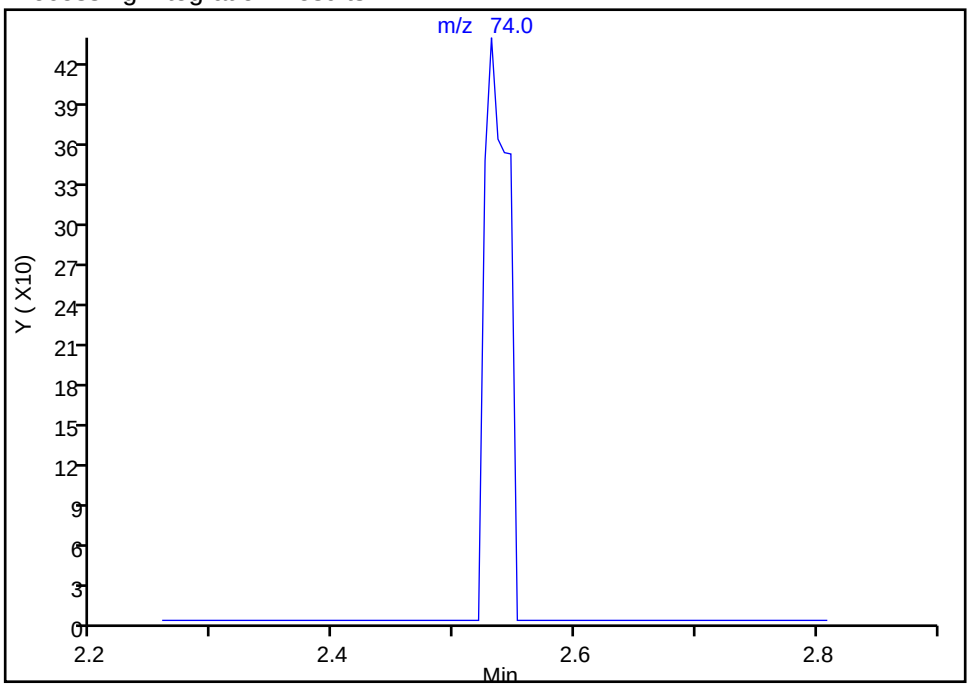
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D
Injection Date: 03-Mar-2022 20:58:30 Instrument ID: TAC040
Lims ID: STD1
Client ID:
Operator ID: tl ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

15 N-Nitrosodimethylamine, CAS: 62-75-9

Signal: 1

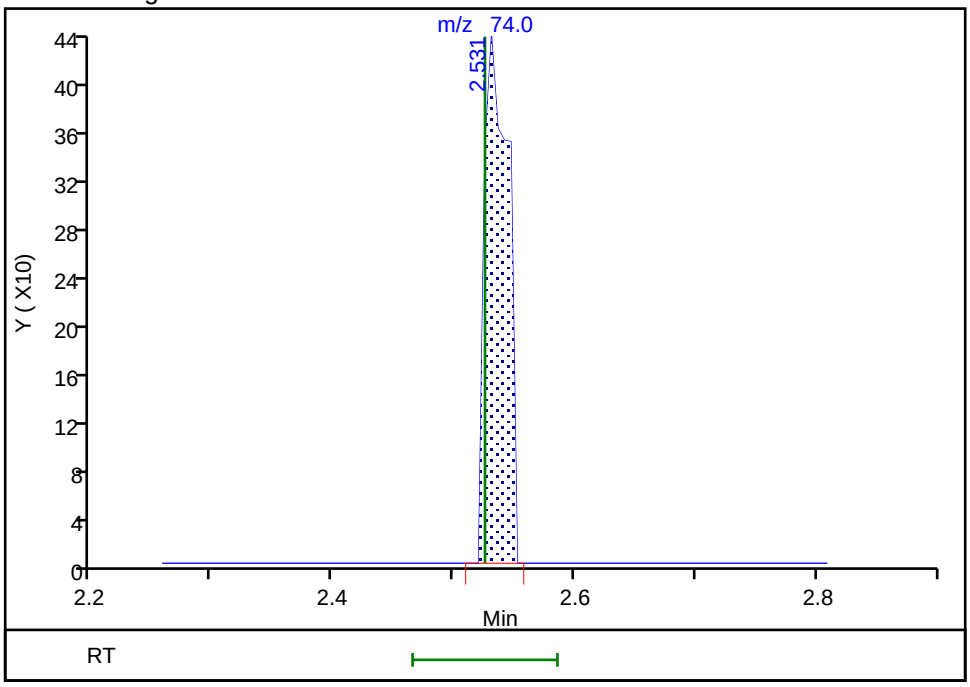
Not Detected
Expected RT: 2.53

Processing Integration Results



Manual Integration Results

RT: 2.53
Area: 583
Amount: 8.809063
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:55:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

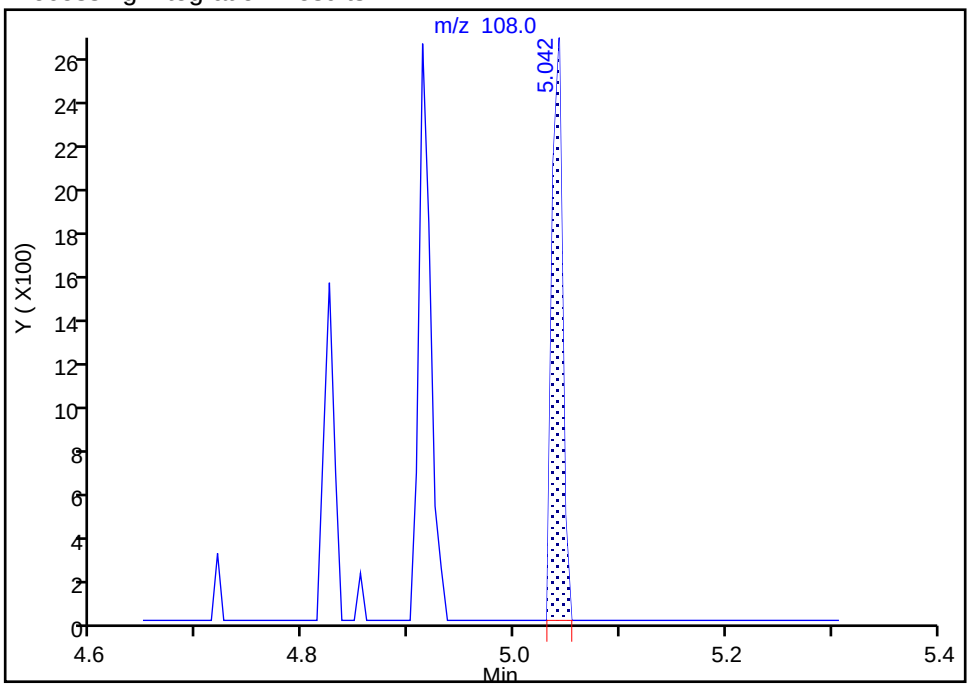
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D
Injection Date: 03-Mar-2022 20:58:30 Instrument ID: TAC040
Lims ID: STD1
Client ID:
Operator ID: tl ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

28 2-Methylphenol, CAS: 95-48-7

Signal: 1

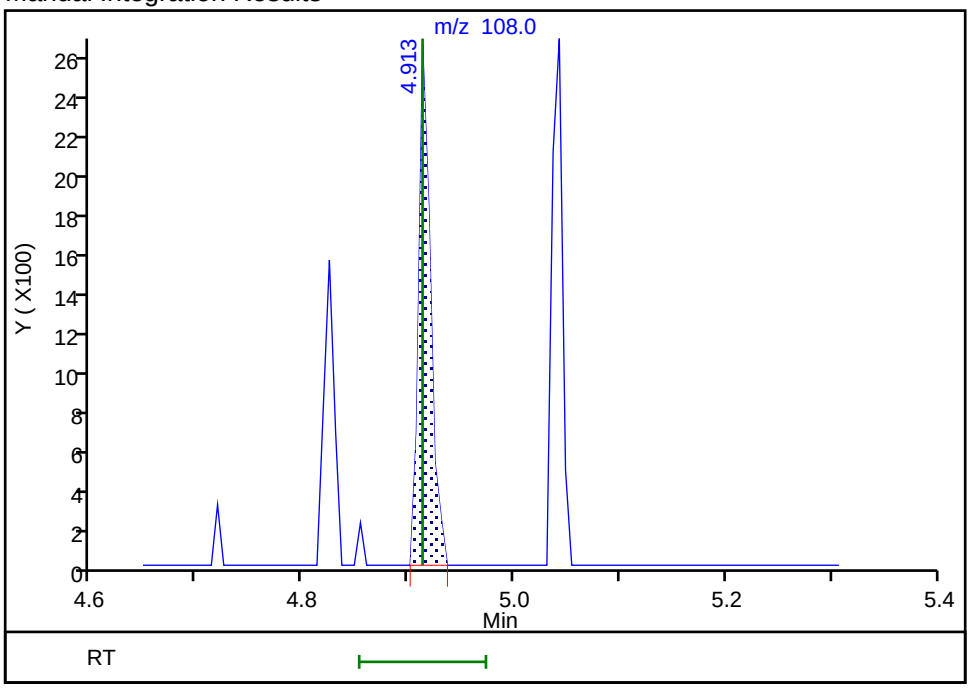
Processing Integration Results

RT: 5.04
Area: 1846
Amount: 10.600403
Amount Units: ug/L



Manual Integration Results

RT: 4.91
Area: 2076
Amount: 11.710437
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:58:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

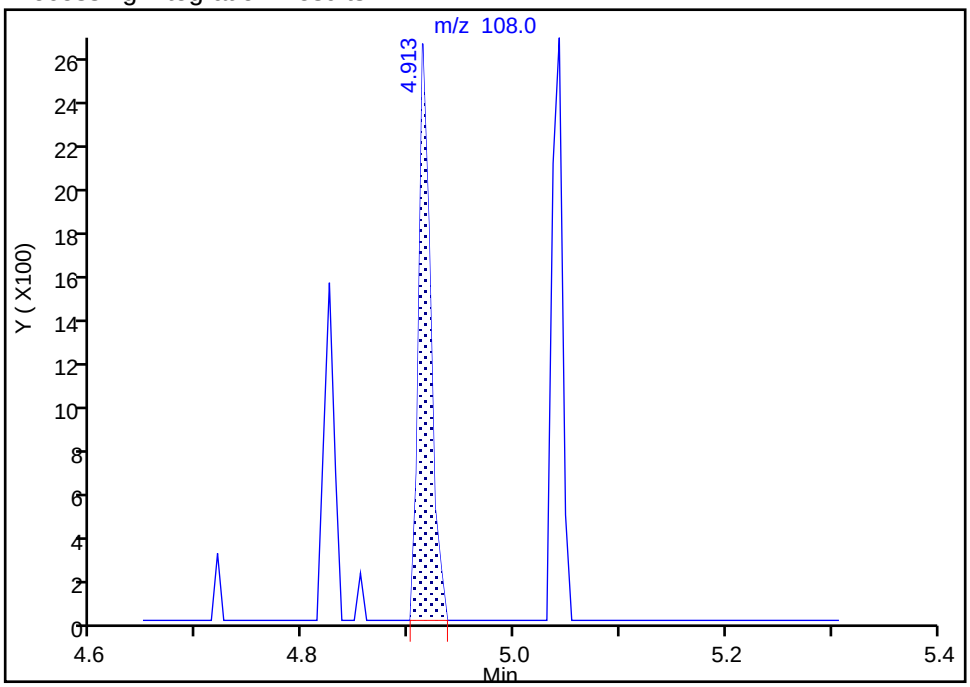
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D
Injection Date: 03-Mar-2022 20:58:30 Instrument ID: TAC040
Lims ID: STD1
Client ID:
Operator ID: tl ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

32 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

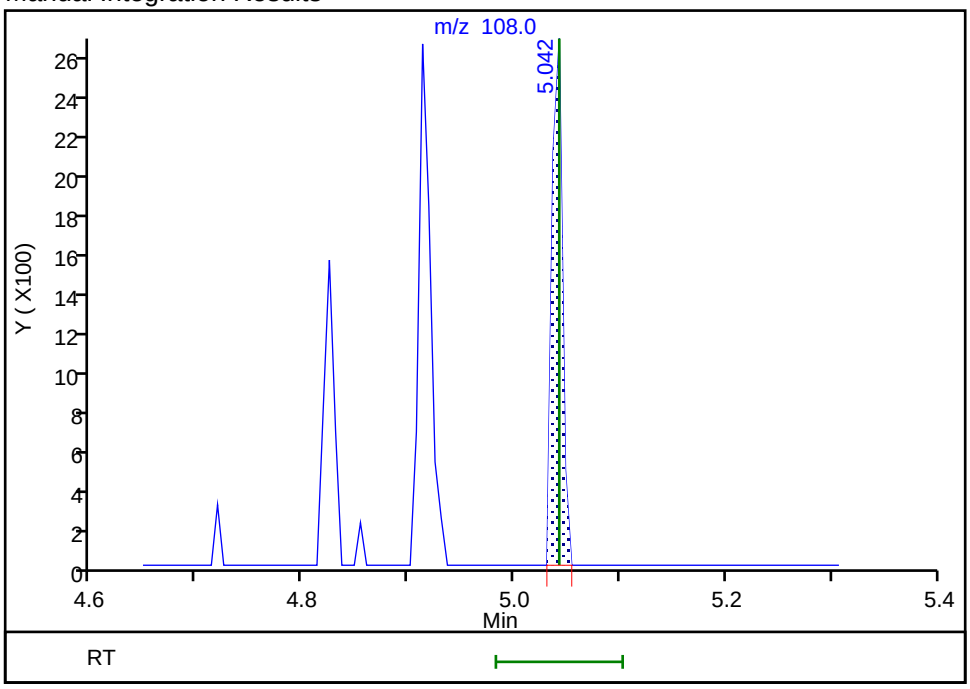
Processing Integration Results

RT: 4.91
Area: 2076
Amount: 11.689507
Amount Units: ug/L



Manual Integration Results

RT: 5.04
Area: 1846
Amount: 10.530809
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:58:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

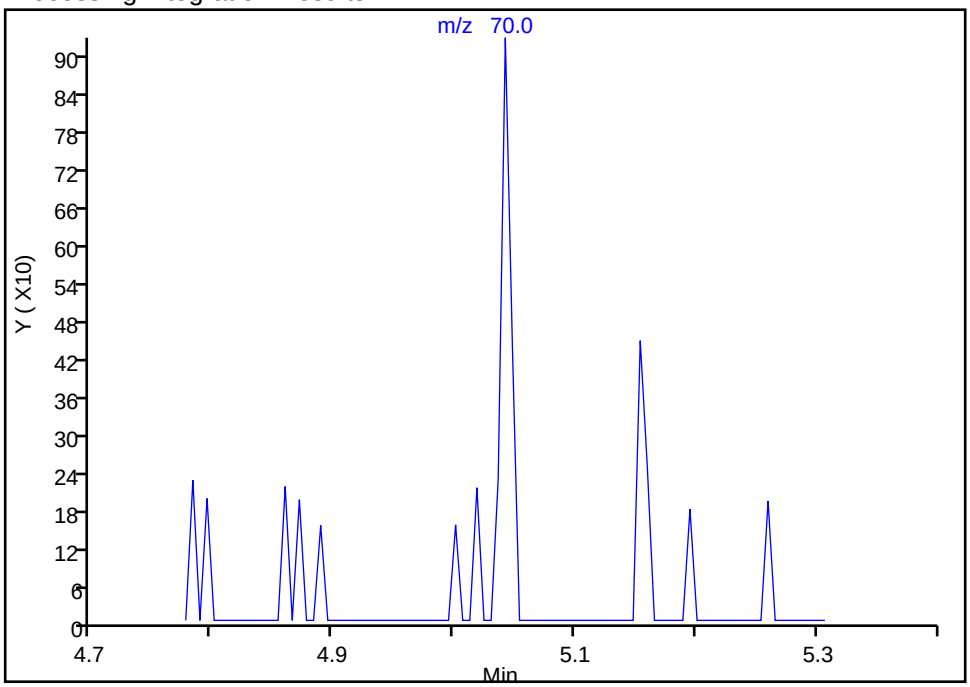
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D
Injection Date: 03-Mar-2022 20:58:30 Instrument ID: TAC040
Lims ID: STD1
Client ID:
Operator ID: tl ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

30 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

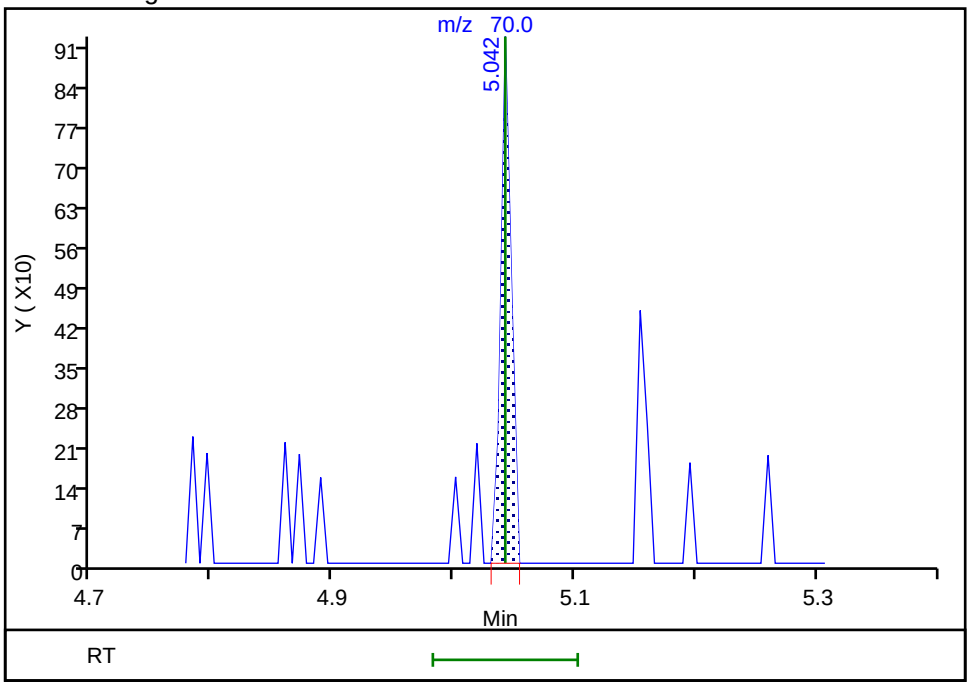
Not Detected
Expected RT: 5.04

Processing Integration Results



Manual Integration Results

RT: 5.04
Area: 560
Amount: 7.863430
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:55:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

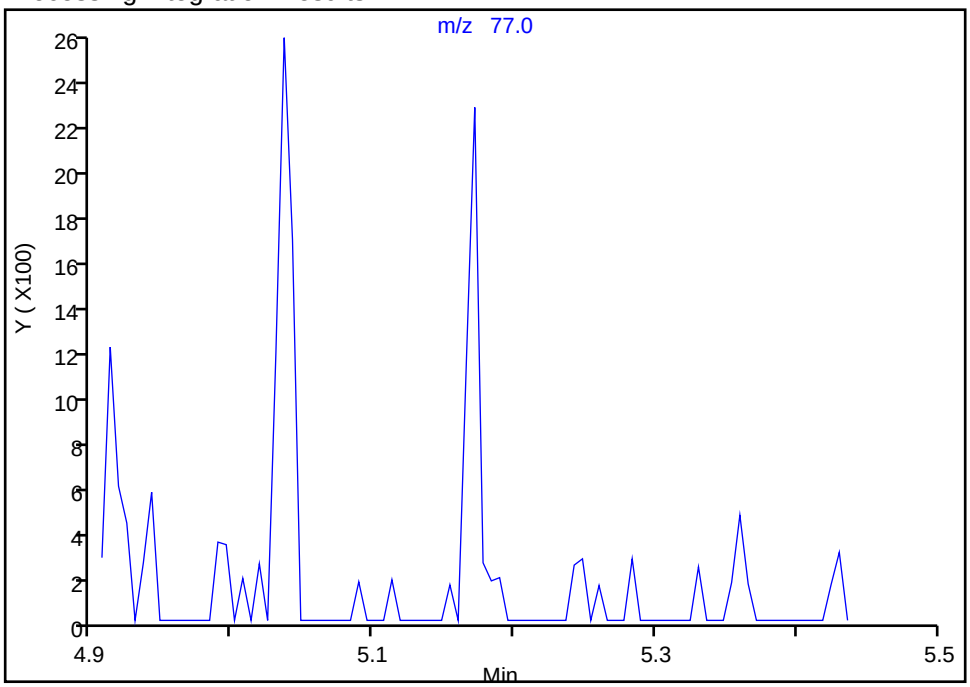
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D
Injection Date: 03-Mar-2022 20:58:30 Instrument ID: TAC040
Lims ID: STD1
Client ID:
Operator ID: tl ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

33 Nitrobenzene, CAS: 98-95-3

Signal: 1

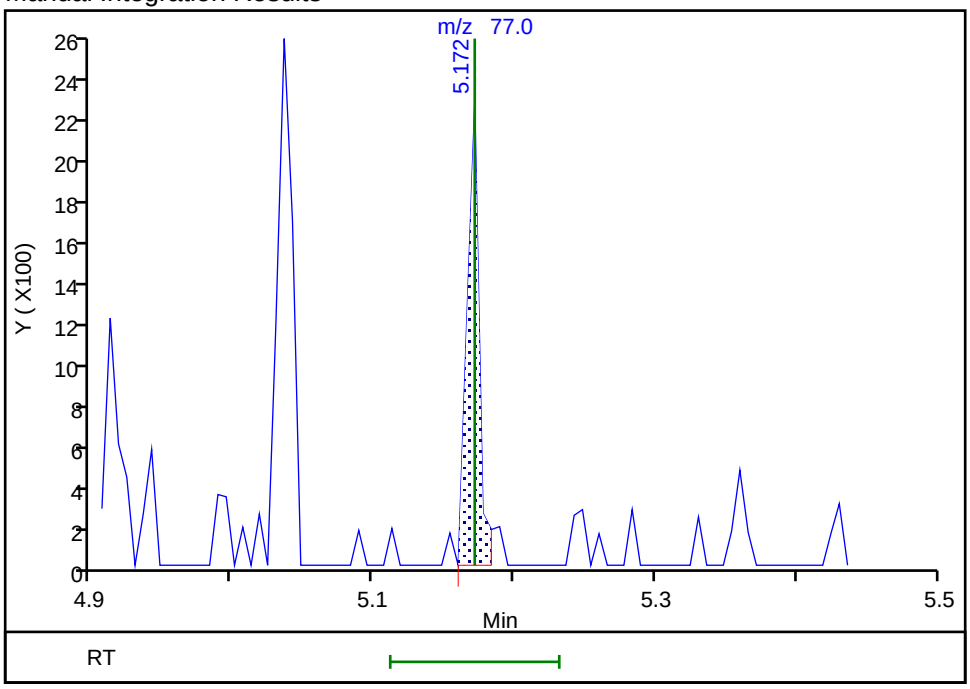
Not Detected
Expected RT: 5.17

Processing Integration Results



Manual Integration Results

RT: 5.17
Area: 1326
Amount: 10.277175
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:55:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

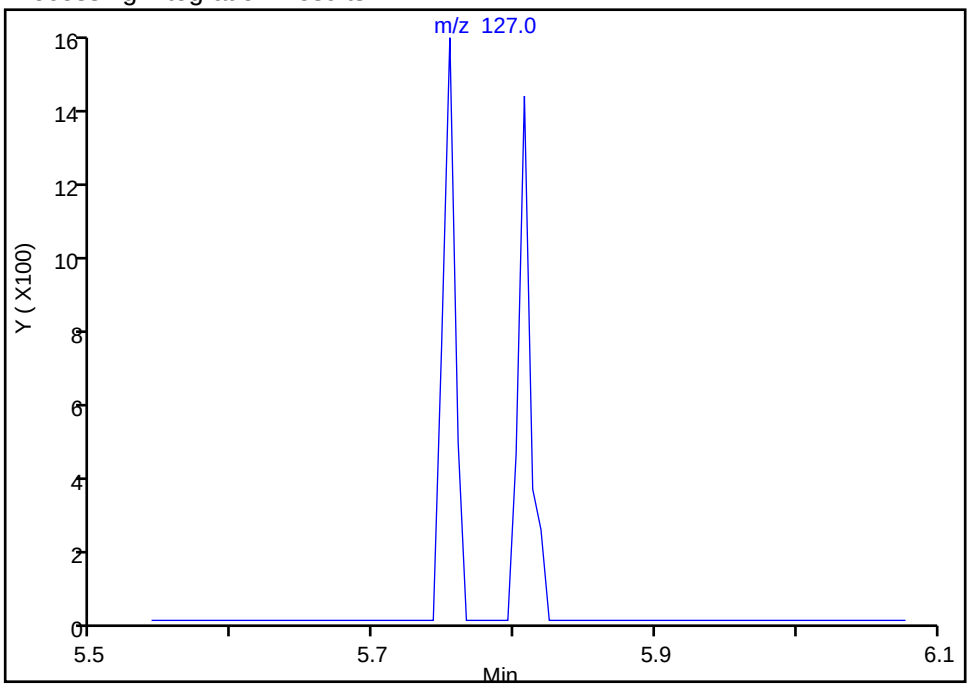
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D
Injection Date: 03-Mar-2022 20:58:30 Instrument ID: TAC040
Lims ID: STD1
Client ID:
Operator ID: tl ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

43 4-Chloroaniline, CAS: 106-47-8

Signal: 1

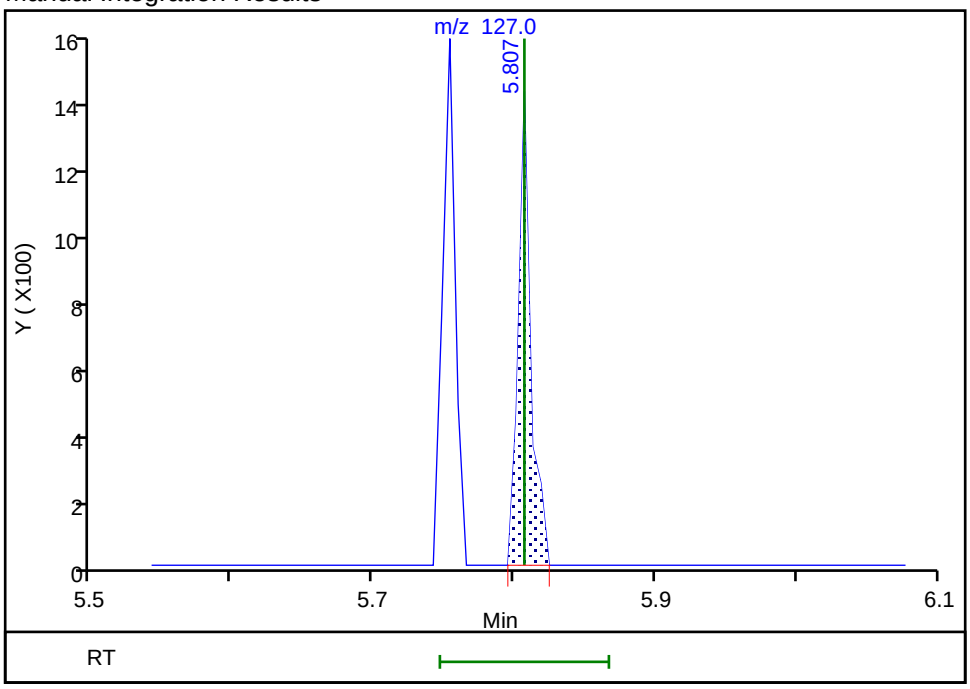
Not Detected
Expected RT: 5.81

Processing Integration Results



Manual Integration Results

RT: 5.81
Area: 857
Amount: 27.290626
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:56:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

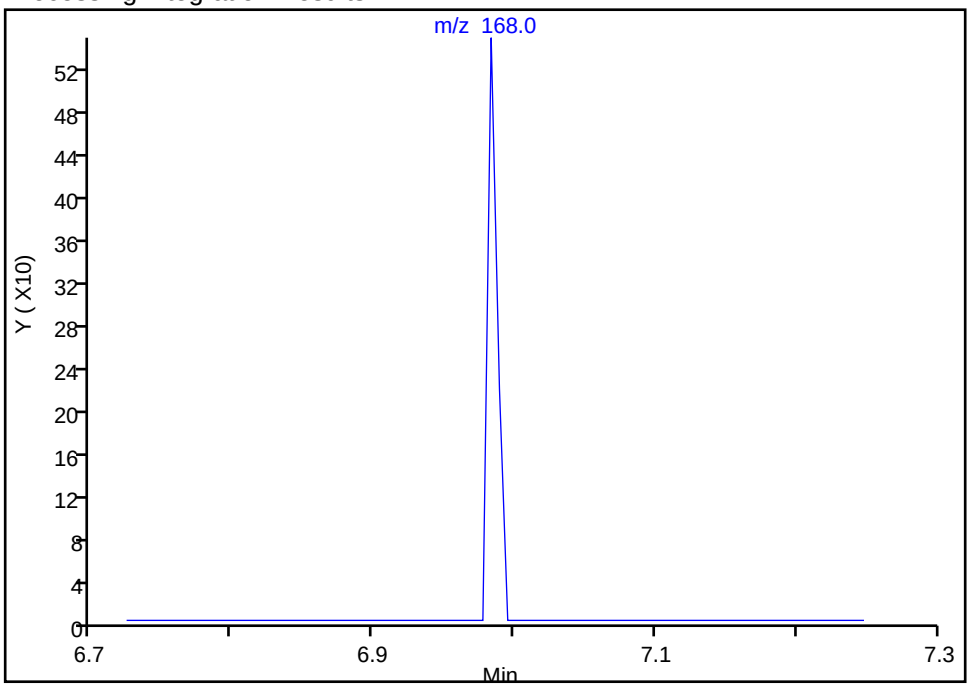
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D
Injection Date: 03-Mar-2022 20:58:30 Instrument ID: TAC040
Lims ID: STD1
Client ID:
Operator ID: tl ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

56 1,3-Dinitrobenzene, CAS: 99-65-0

Signal: 1

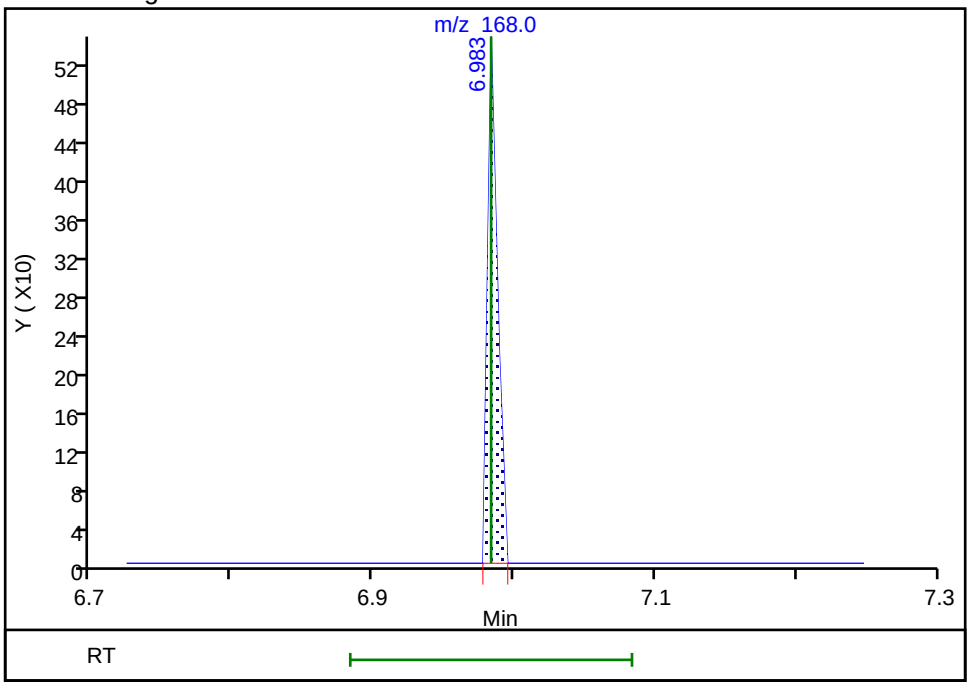
Not Detected
Expected RT: 6.98

Processing Integration Results



Manual Integration Results

RT: 6.98
Area: 269
Amount: 26.336451
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:56:28
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

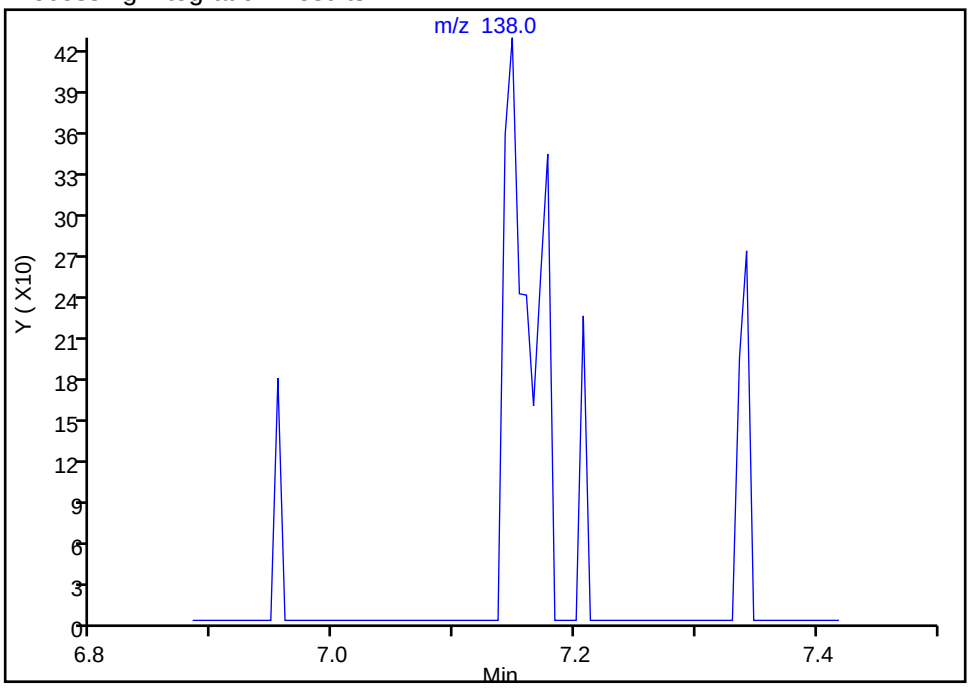
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D
Injection Date: 03-Mar-2022 20:58:30 Instrument ID: TAC040
Lims ID: STD1
Client ID:
Operator ID: tl ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

59 3-Nitroaniline, CAS: 99-09-2

Signal: 1

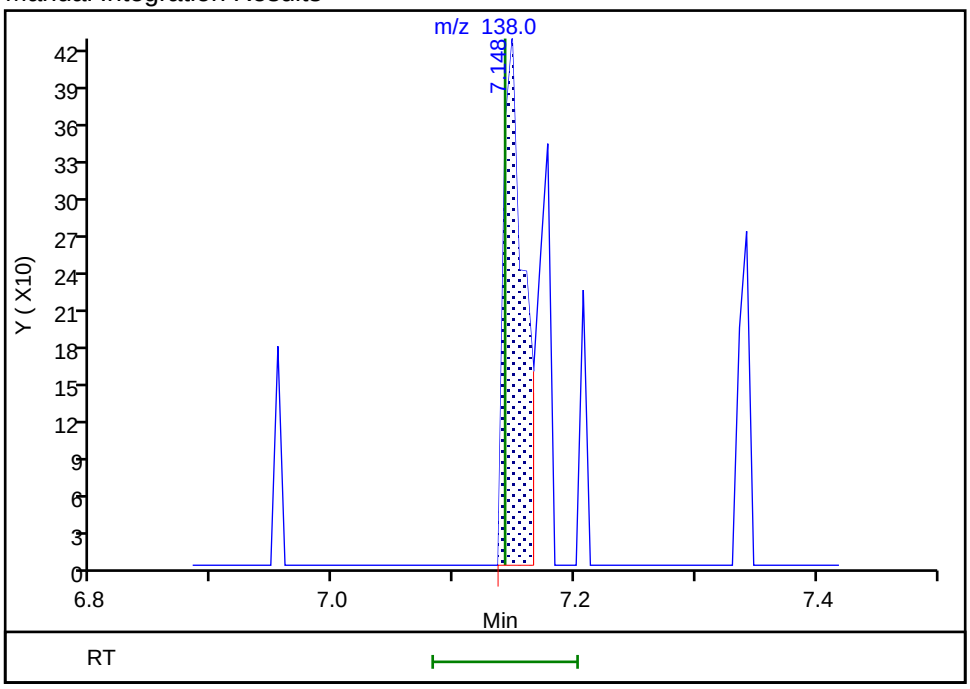
Not Detected
Expected RT: 7.14

Processing Integration Results



Manual Integration Results

RT: 7.15
Area: 493
Amount: 50.363139
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:56:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

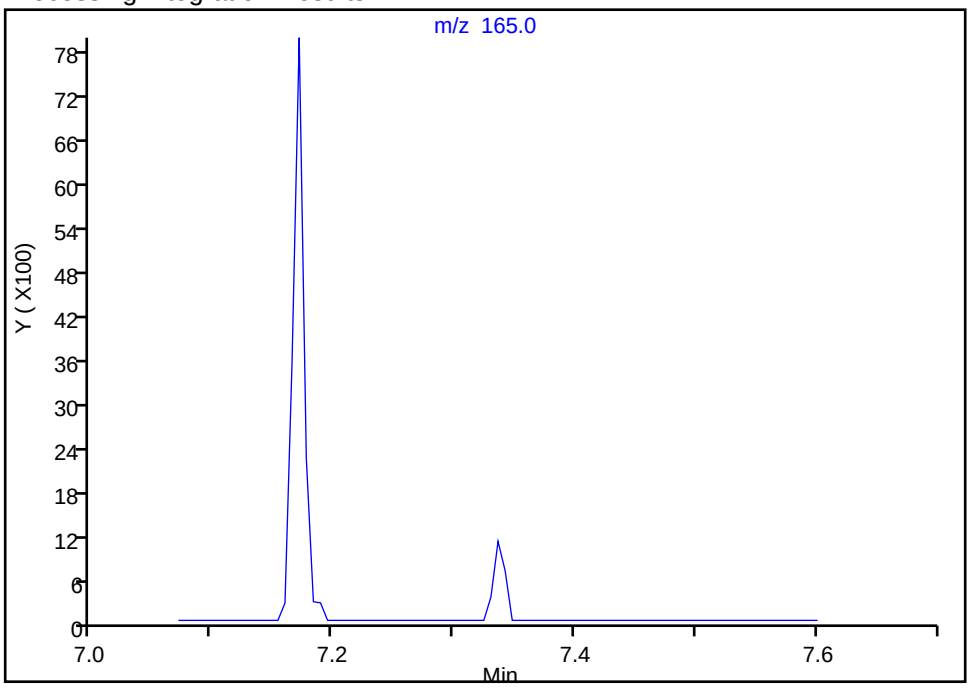
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D
Injection Date: 03-Mar-2022 20:58:30 Instrument ID: TAC040
Lims ID: STD1
Client ID:
Operator ID: tl ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

62 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

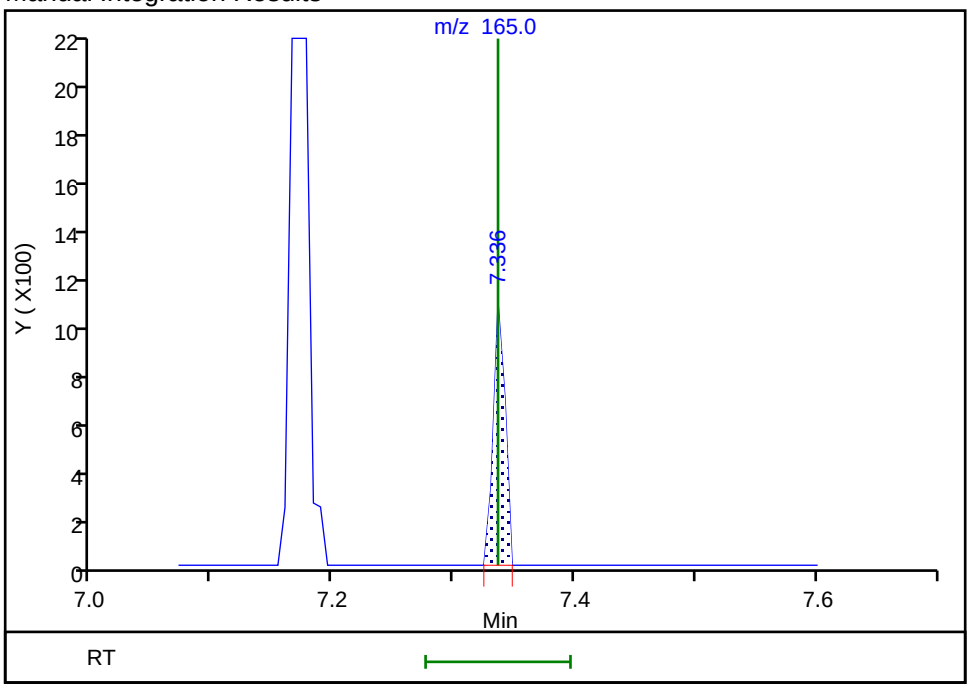
Not Detected
Expected RT: 7.34

Processing Integration Results



Manual Integration Results

RT: 7.34
Area: 733
Amount: 27.973736
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:56:46
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

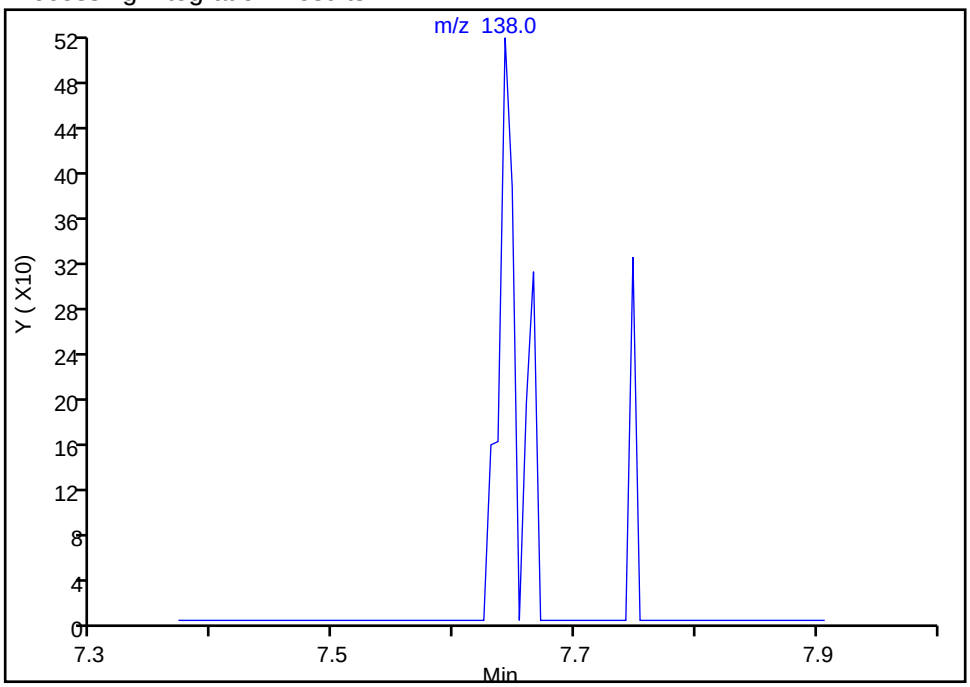
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D
Injection Date: 03-Mar-2022 20:58:30 Instrument ID: TAC040
Lims ID: STD1
Client ID:
Operator ID: tl ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

70 4-Nitroaniline, CAS: 100-01-6

Signal: 1

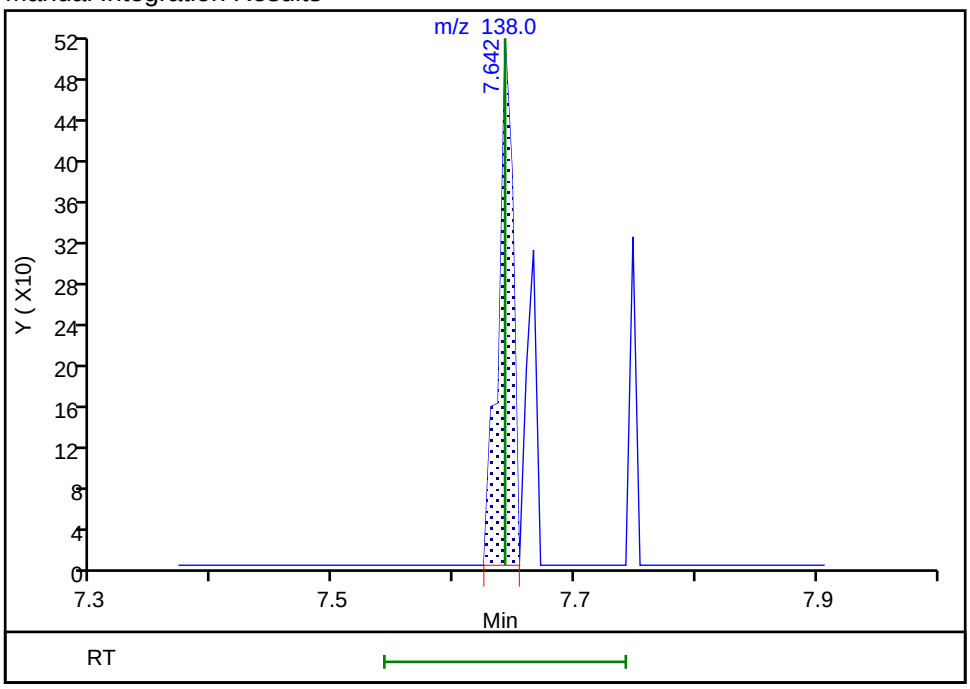
Not Detected
Expected RT: 7.64

Processing Integration Results



Manual Integration Results

RT: 7.64
Area: 430
Amount: 6.870414
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:56:56
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

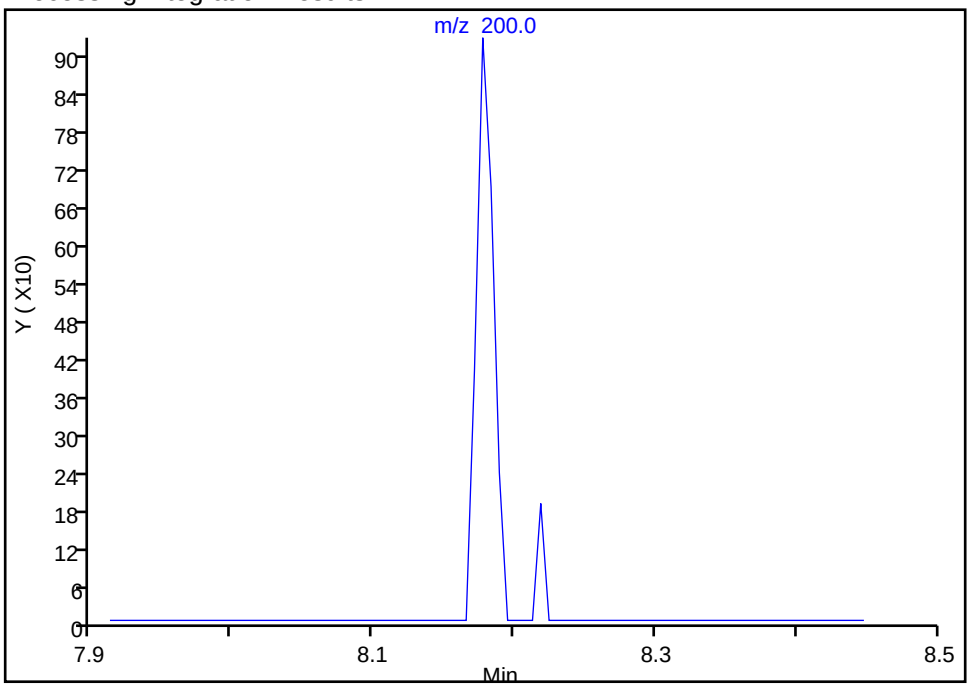
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D
Injection Date: 03-Mar-2022 20:58:30 Instrument ID: TAC040
Lims ID: STD1
Client ID:
Operator ID: tl ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

76 Atrazine, CAS: 1912-24-9

Signal: 1

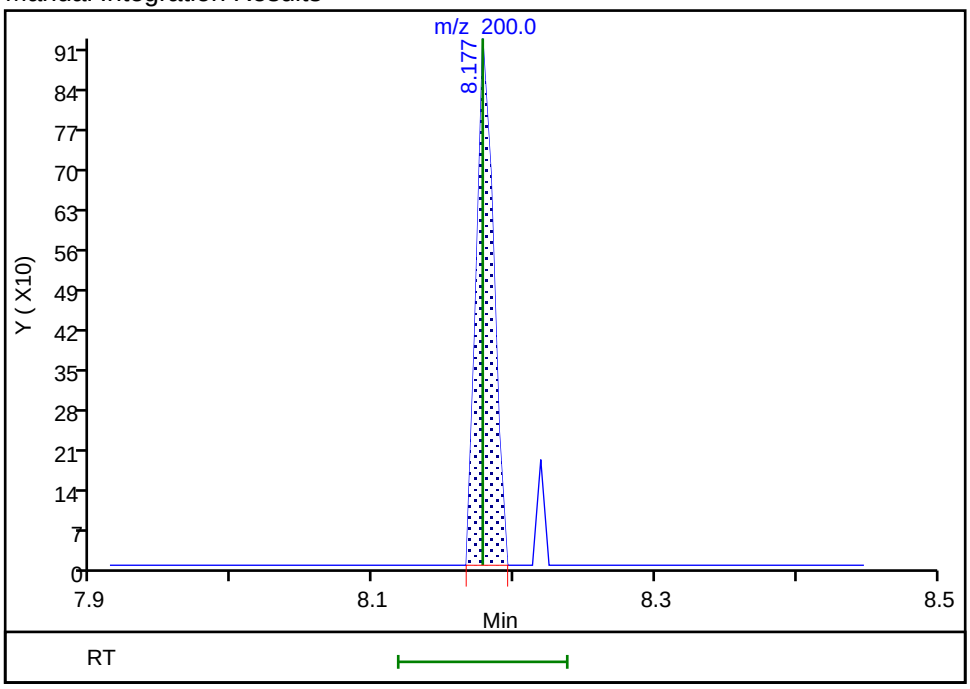
Not Detected
Expected RT: 8.18

Processing Integration Results



Manual Integration Results

RT: 8.18
Area: 790
Amount: 10.043263
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:57:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

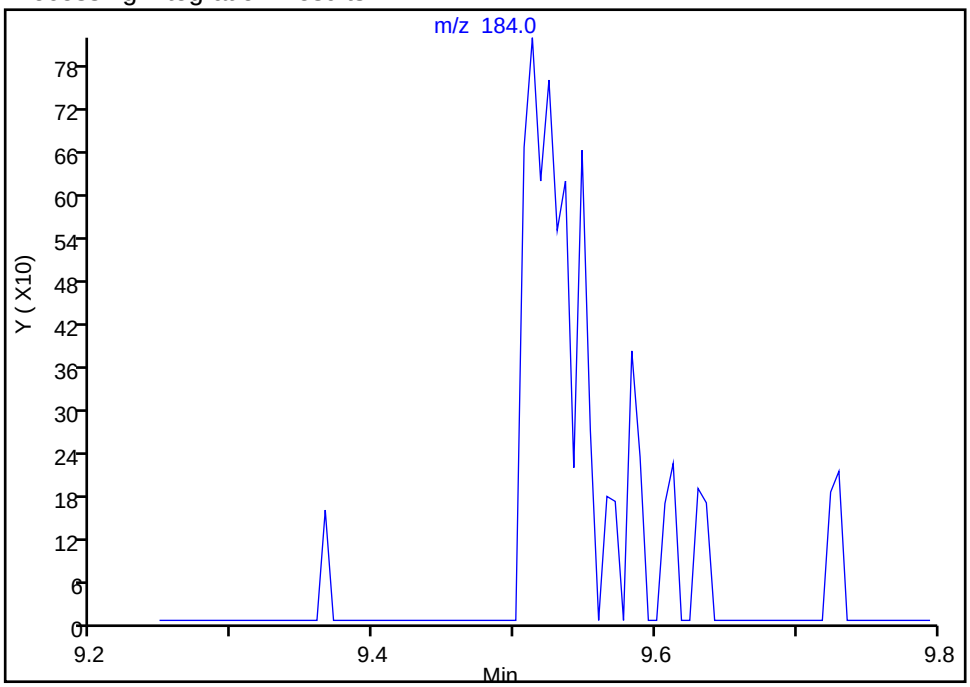
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D
Injection Date: 03-Mar-2022 20:58:30 Instrument ID: TAC040
Lims ID: STD1
Client ID:
Operator ID: tl ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

85 Benzidine, CAS: 92-87-5

Signal: 1

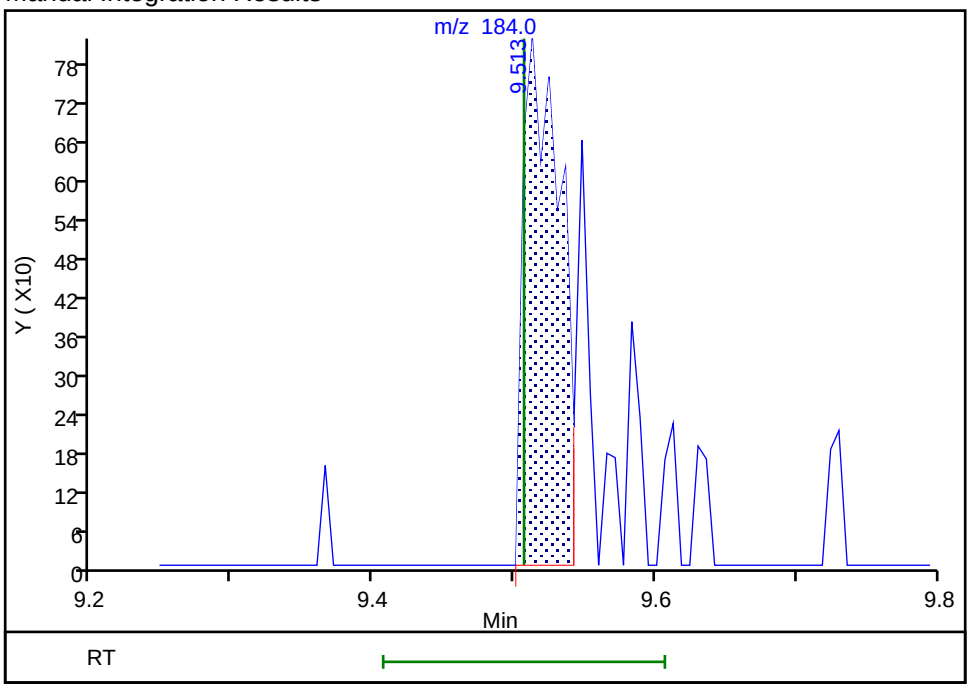
Not Detected
Expected RT: 9.51

Processing Integration Results



Manual Integration Results

RT: 9.51
Area: 1486
Amount: 33.141592
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:57:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

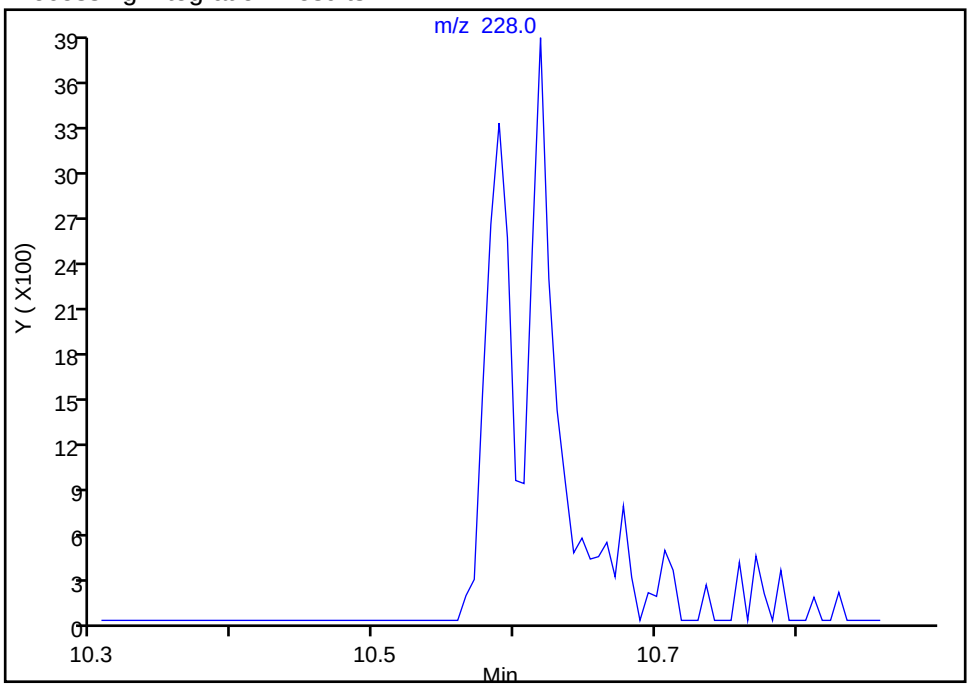
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D
Injection Date: 03-Mar-2022 20:58:30 Instrument ID: TAC040
Lims ID: STD1
Client ID:
Operator ID: tl ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

89 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

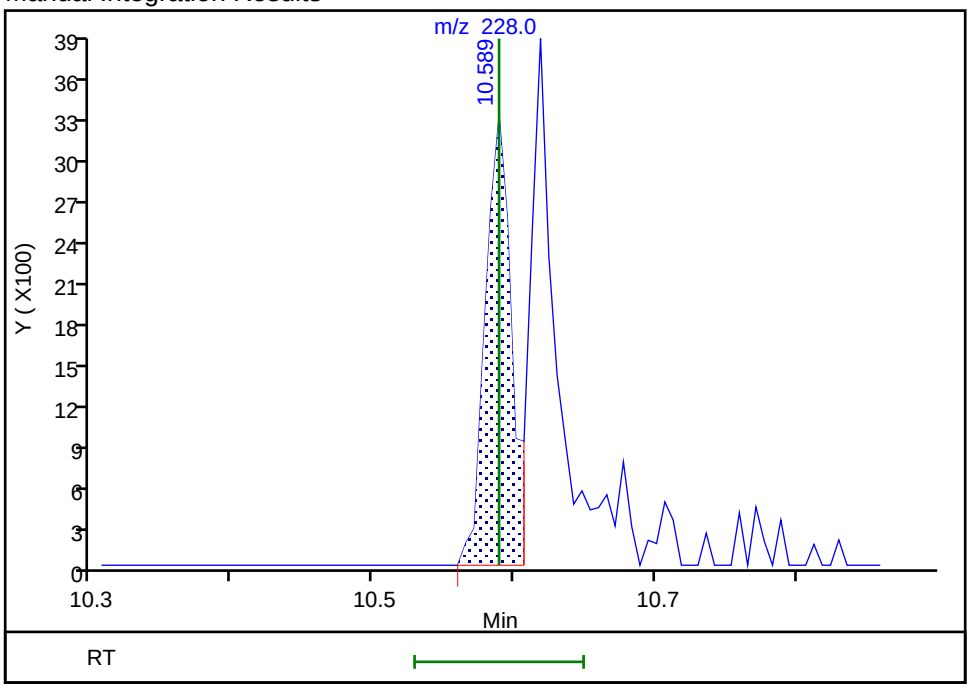
Not Detected
Expected RT: 10.59

Processing Integration Results



Manual Integration Results

RT: 10.59
Area: 4261
Amount: 10.817926
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:57:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

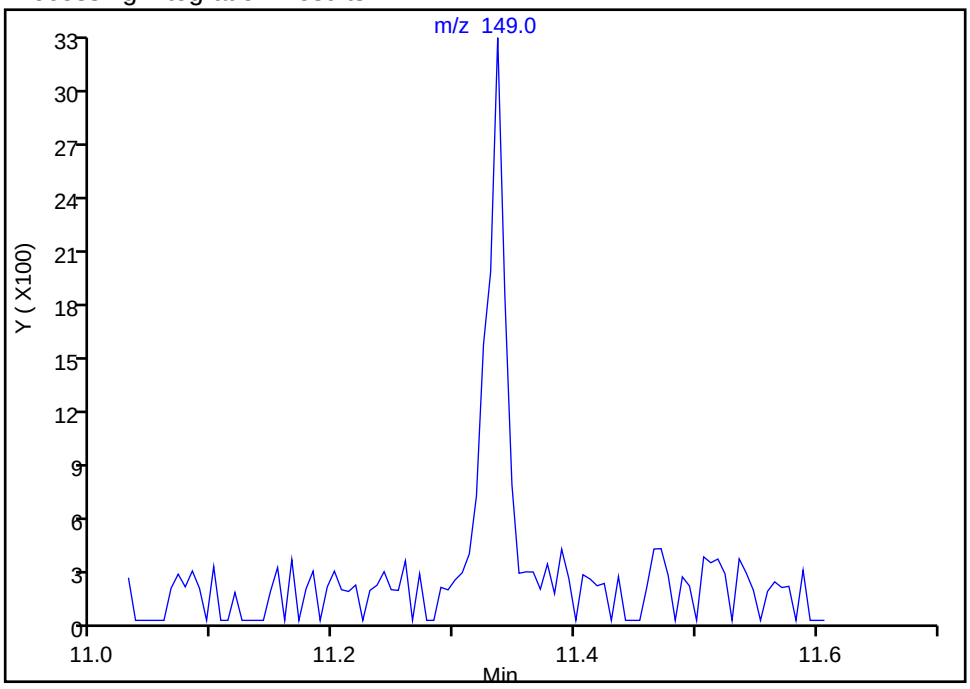
Data File:	\\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D				
Injection Date:	03-Mar-2022 20:58:30	Instrument ID:	TAC040		
Lims ID:	STD1				
Client ID:					
Operator ID:	tl	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

93 Di-n-octyl phthalate, CAS: 117-84-0

Signal: 1

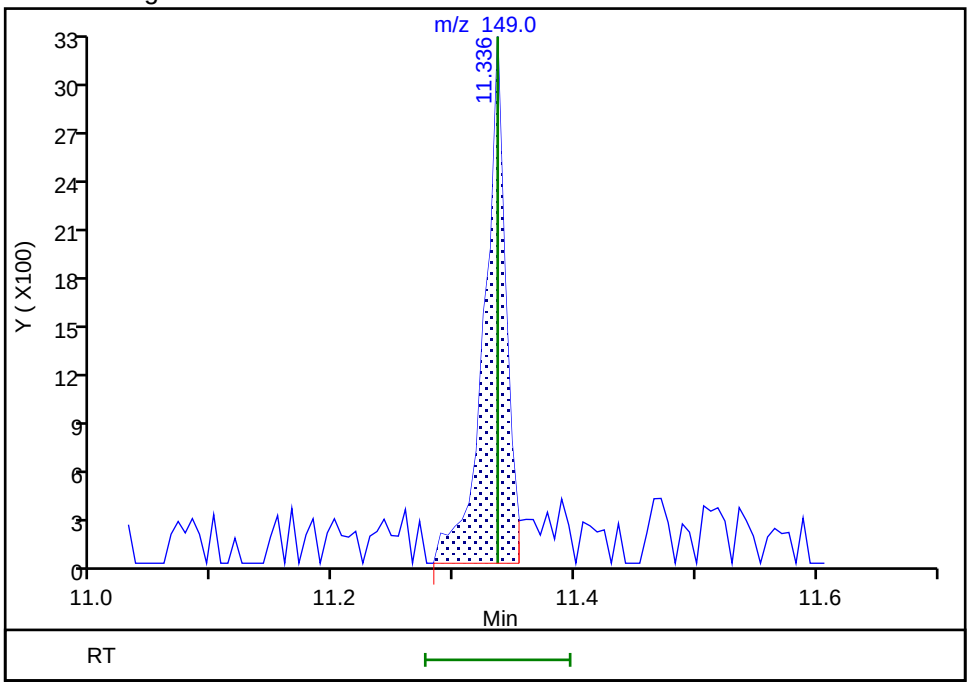
Not Detected
Expected RT: 11.34

Processing Integration Results



Manual Integration Results

RT: 11.34
Area: 4072
Amount: 29.647272
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:57:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

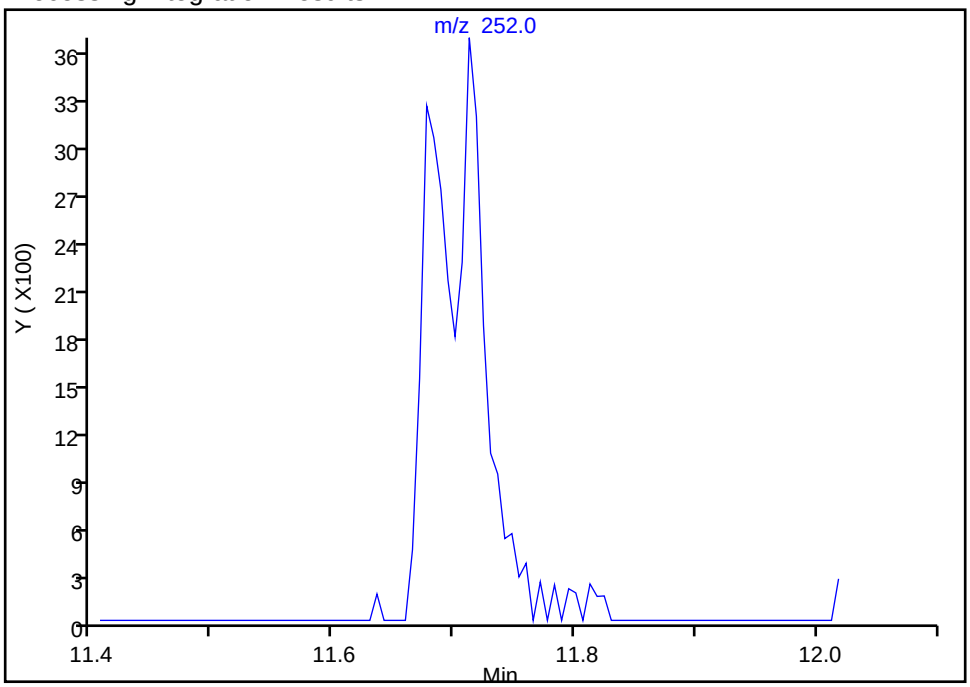
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D
Injection Date: 03-Mar-2022 20:58:30 Instrument ID: TAC040
Lims ID: STD1
Client ID:
Operator ID: tl ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

95 Benzofluoranthene, CAS: 56832-73-6

Signal: 1

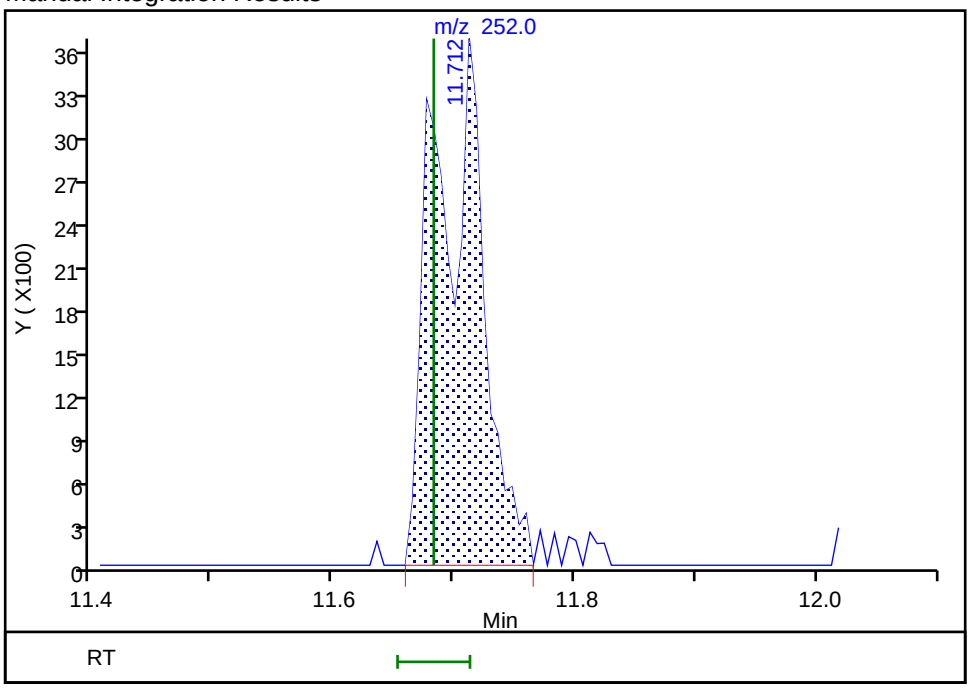
Not Detected
Expected RT: 11.68

Processing Integration Results



Manual Integration Results

RT: 11.71
Area: 10348
Amount: 19.683205
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:57:35
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

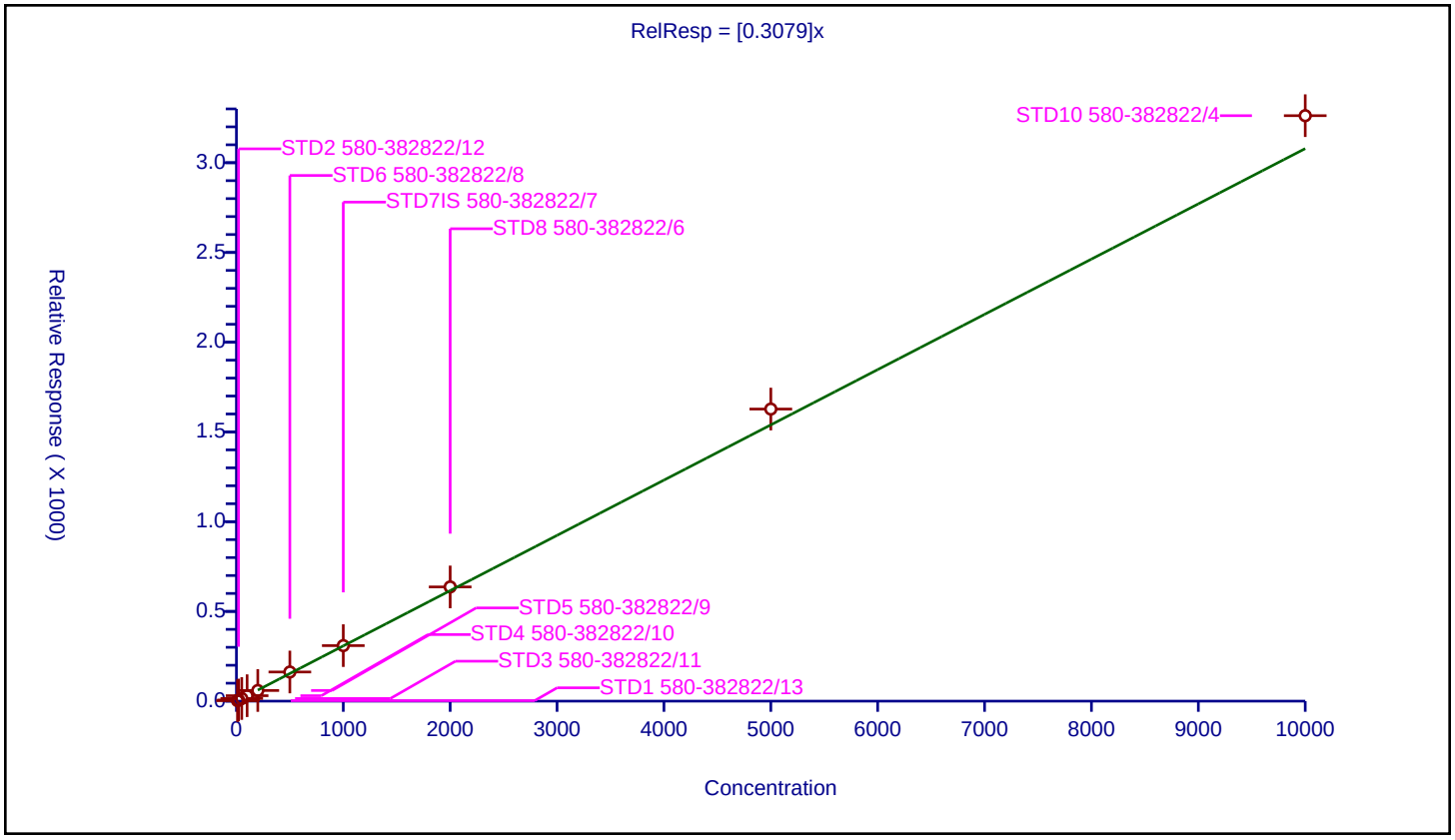
Curve Coefficients

Intercept:	0
Slope:	0.3079

Error Coefficients

Standard Error:	295000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	2.712006	100.0	21497.0	0.271201	Y
2	STD2 580-382822/12	20.0	6.240055	100.0	23253.0	0.312003	Y
3	STD3 580-382822/11	50.0	14.568497	100.0	26118.0	0.29137	Y
4	STD4 580-382822/10	100.0	30.386833	100.0	23938.0	0.303868	Y
5	STD5 580-382822/9	200.0	59.231175	100.0	24661.0	0.296156	Y
6	STD6 580-382822/8	500.0	162.393874	100.0	24028.0	0.324788	Y
7	STD7IS 580-382822/7	1000.0	309.326788	100.0	25668.0	0.309327	Y
8	STD8 580-382822/6	2000.0	636.491303	100.0	23285.0	0.318246	Y
9	STD9 580-382822/5	5000.0	1627.410161	100.0	24210.0	0.325482	Y
10	STD10 580-382822/4	10000.0	3262.149434	100.0	23783.0	0.326215	Y



Calibration / Pyridine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

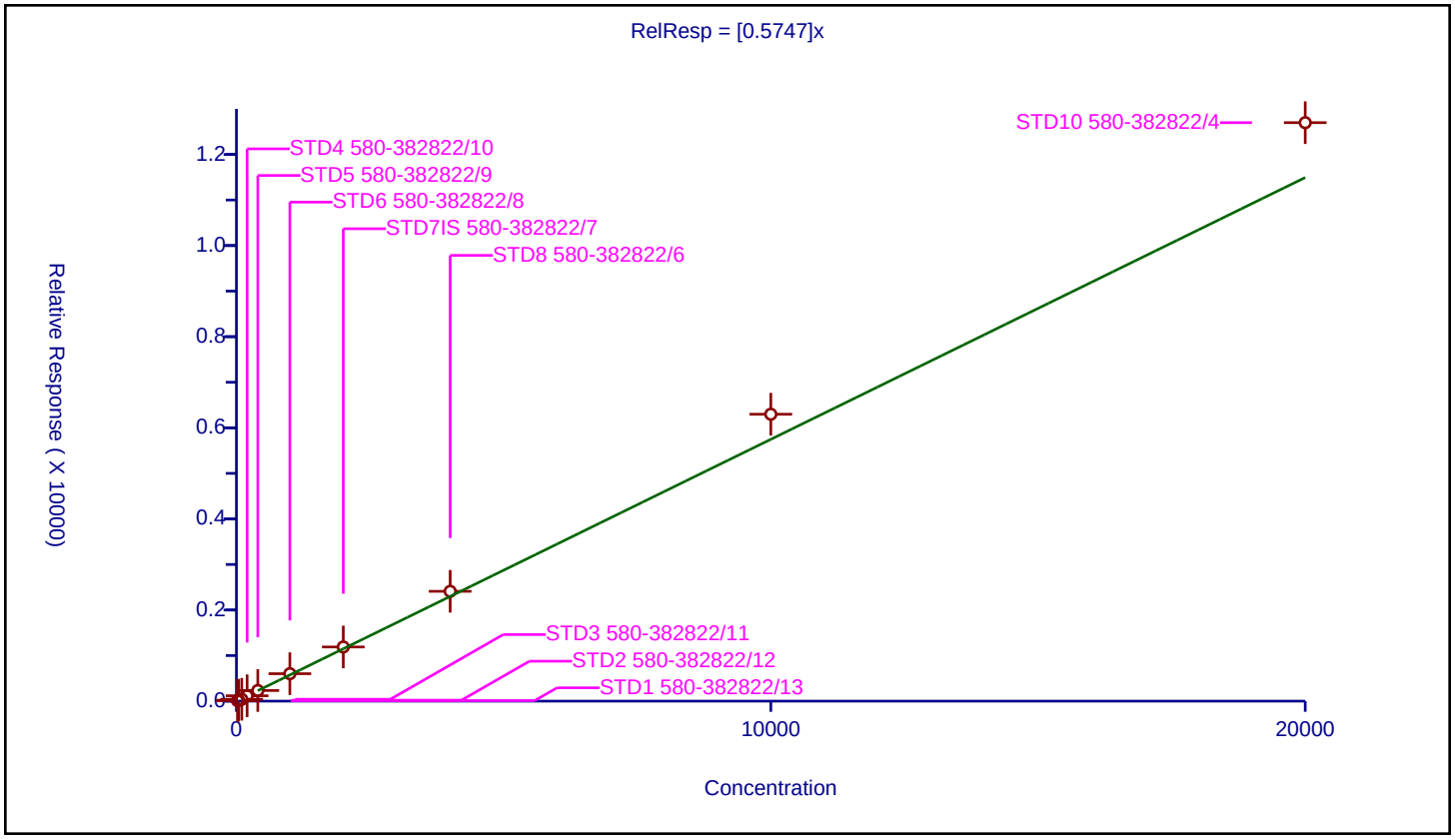
Curve Coefficients

Intercept:	0
Slope:	0.5747

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	11.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	20.0	11.489975	100.0	21497.0	0.574499	Y
2	STD2 580-382822/12	40.0	21.008042	100.0	23253.0	0.525201	Y
3	STD3 580-382822/11	100.0	41.017689	100.0	26118.0	0.410177	Y
4	STD4 580-382822/10	200.0	117.979781	100.0	23938.0	0.589899	Y
5	STD5 580-382822/9	400.0	233.003528	100.0	24661.0	0.582509	Y
6	STD6 580-382822/8	1000.0	602.584485	100.0	24028.0	0.602584	Y
7	STD7IS 580-382822/7	2000.0	1189.075892	100.0	25668.0	0.594538	Y
8	STD8 580-382822/6	4000.0	2410.959845	100.0	23285.0	0.60274	Y
9	STD9 580-382822/5	10000.0	6297.699298	100.0	24210.0	0.62977	Y
10	STD10 580-382822/4	20000.0	12697.494008	100.0	23783.0	0.634875	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

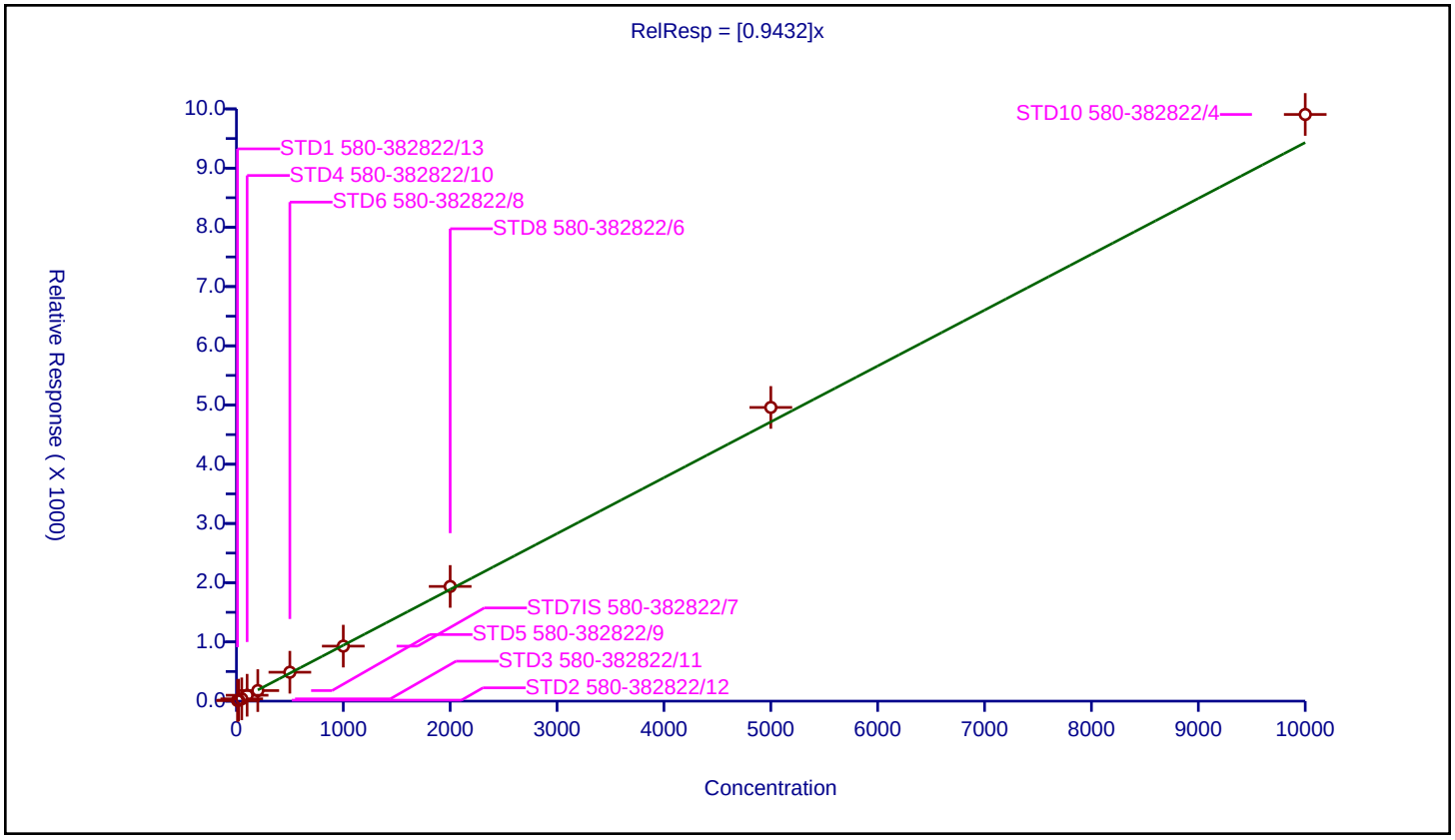
Curve Coefficients

Intercept:	0
Slope:	0.9432

Error Coefficients

Standard Error:	895000
Relative Standard Error:	9.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	10.666605	100.0	21497.0	1.06666	Y
2	STD2 580-382822/12	20.0	16.754827	100.0	23253.0	0.837741	Y
3	STD3 580-382822/11	50.0	39.114787	100.0	26118.0	0.782296	Y
4	STD4 580-382822/10	100.0	99.778595	100.0	23938.0	0.997786	Y
5	STD5 580-382822/9	200.0	178.293662	100.0	24661.0	0.891468	Y
6	STD6 580-382822/8	500.0	488.155485	100.0	24028.0	0.976311	Y
7	STD7IS 580-382822/7	1000.0	928.673835	100.0	25668.0	0.928674	Y
8	STD8 580-382822/6	2000.0	1936.52566	100.0	23285.0	0.968263	Y
9	STD9 580-382822/5	5000.0	4959.401074	100.0	24210.0	0.99188	Y
10	STD10 580-382822/4	10000.0	9905.810873	100.0	23783.0	0.990581	Y



Calibration / Phenol-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

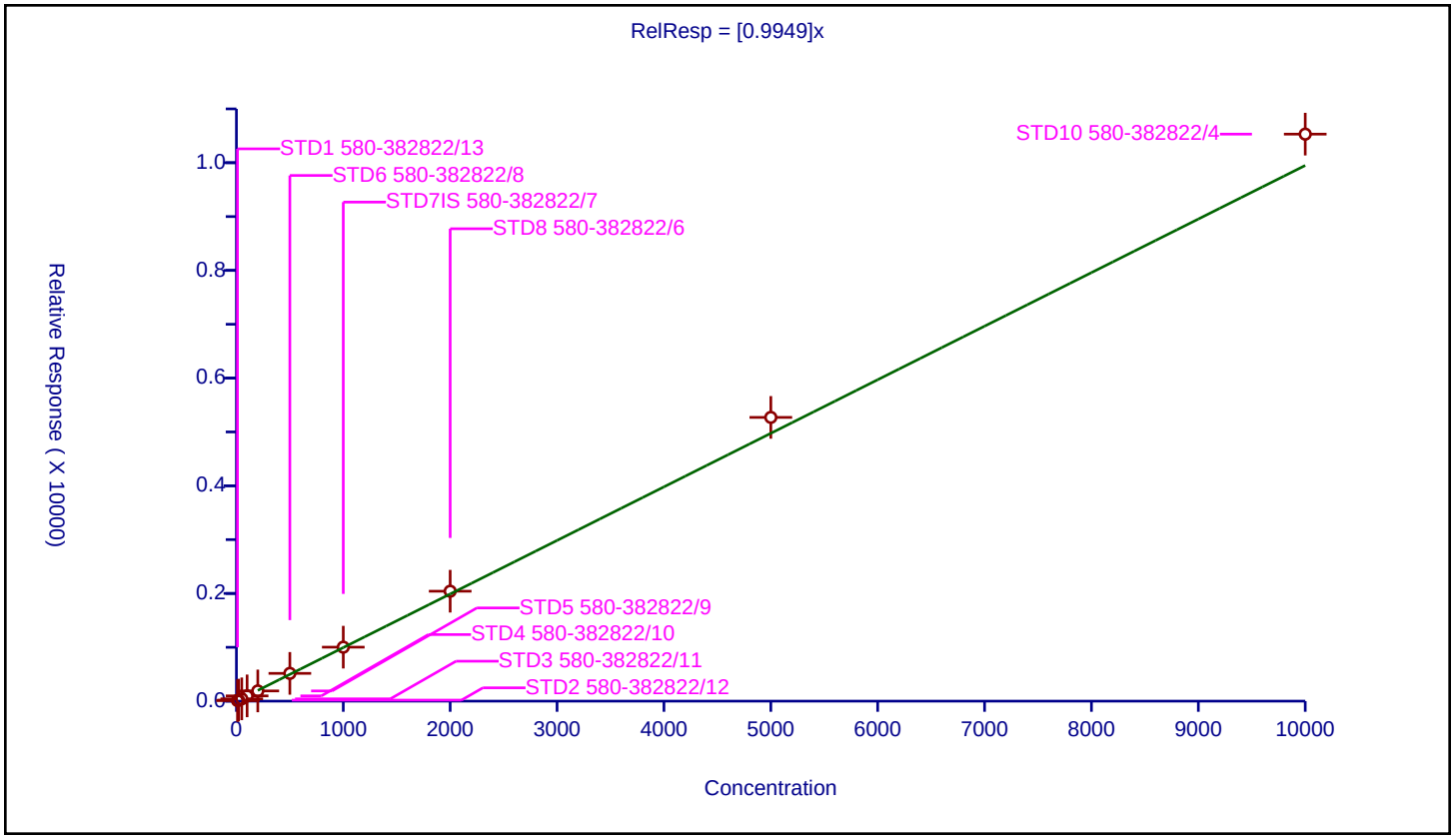
Curve Coefficients

Intercept:	0
Slope:	0.9949

Error Coefficients

Standard Error:	951000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	10.466577	100.0	21497.0	1.046658	Y
2	STD2 580-382822/12	20.0	19.167419	100.0	23253.0	0.958371	Y
3	STD3 580-382822/11	50.0	42.95505	100.0	26118.0	0.859101	Y
4	STD4 580-382822/10	100.0	97.46846	100.0	23938.0	0.974685	Y
5	STD5 580-382822/9	200.0	189.663842	100.0	24661.0	0.948319	Y
6	STD6 580-382822/8	500.0	515.835692	100.0	24028.0	1.031671	Y
7	STD7IS 580-382822/7	1000.0	1002.275206	100.0	25668.0	1.002275	Y
8	STD8 580-382822/6	2000.0	2041.885334	100.0	23285.0	1.020943	Y
9	STD9 580-382822/5	5000.0	5269.966956	100.0	24210.0	1.053993	Y
10	STD10 580-382822/4	10000.0	10531.001135	100.0	23783.0	1.0531	Y



Calibration / Phenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

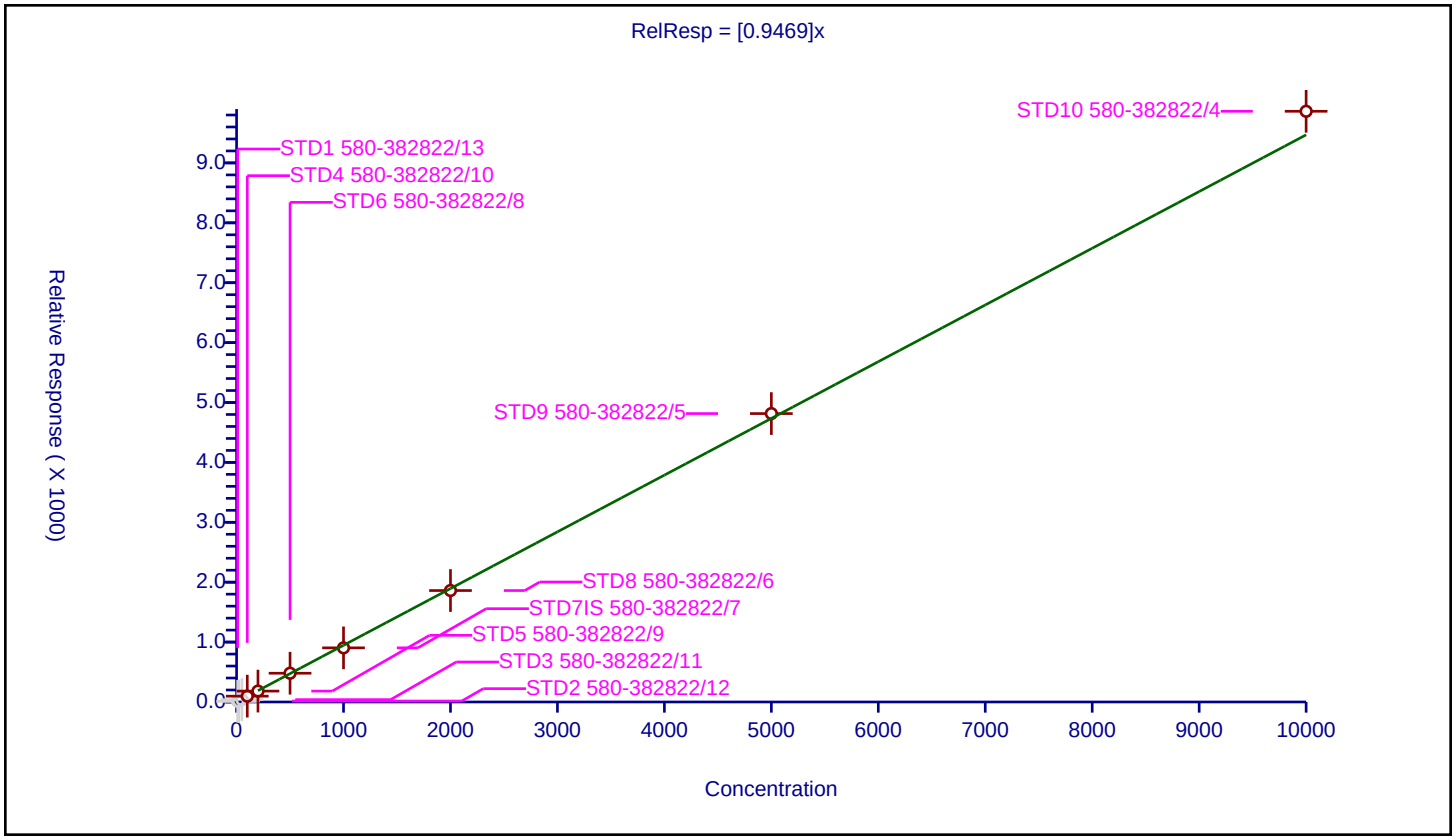
Curve Coefficients

Intercept:	0
Slope:	0.9469

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	10.285156	100.0	21497.0	1.028516	N
2	STD2 580-382822/12	20.0	16.316174	100.0	23253.0	0.815809	N
3	STD3 580-382822/11	50.0	39.41726	100.0	26118.0	0.788345	N
4	STD4 580-382822/10	100.0	97.476815	100.0	23938.0	0.974768	Y
5	STD5 580-382822/9	200.0	181.886379	100.0	24661.0	0.909432	Y
6	STD6 580-382822/8	500.0	480.293824	100.0	24028.0	0.960588	Y
7	STD7IS 580-382822/7	1000.0	903.78292	100.0	25668.0	0.903783	Y
8	STD8 580-382822/6	2000.0	1860.824565	100.0	23285.0	0.930412	Y
9	STD9 580-382822/5	5000.0	4815.055762	100.0	24210.0	0.963011	Y
10	STD10 580-382822/4	10000.0	9862.056931	100.0	23783.0	0.986206	Y



Calibration / Aniline

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

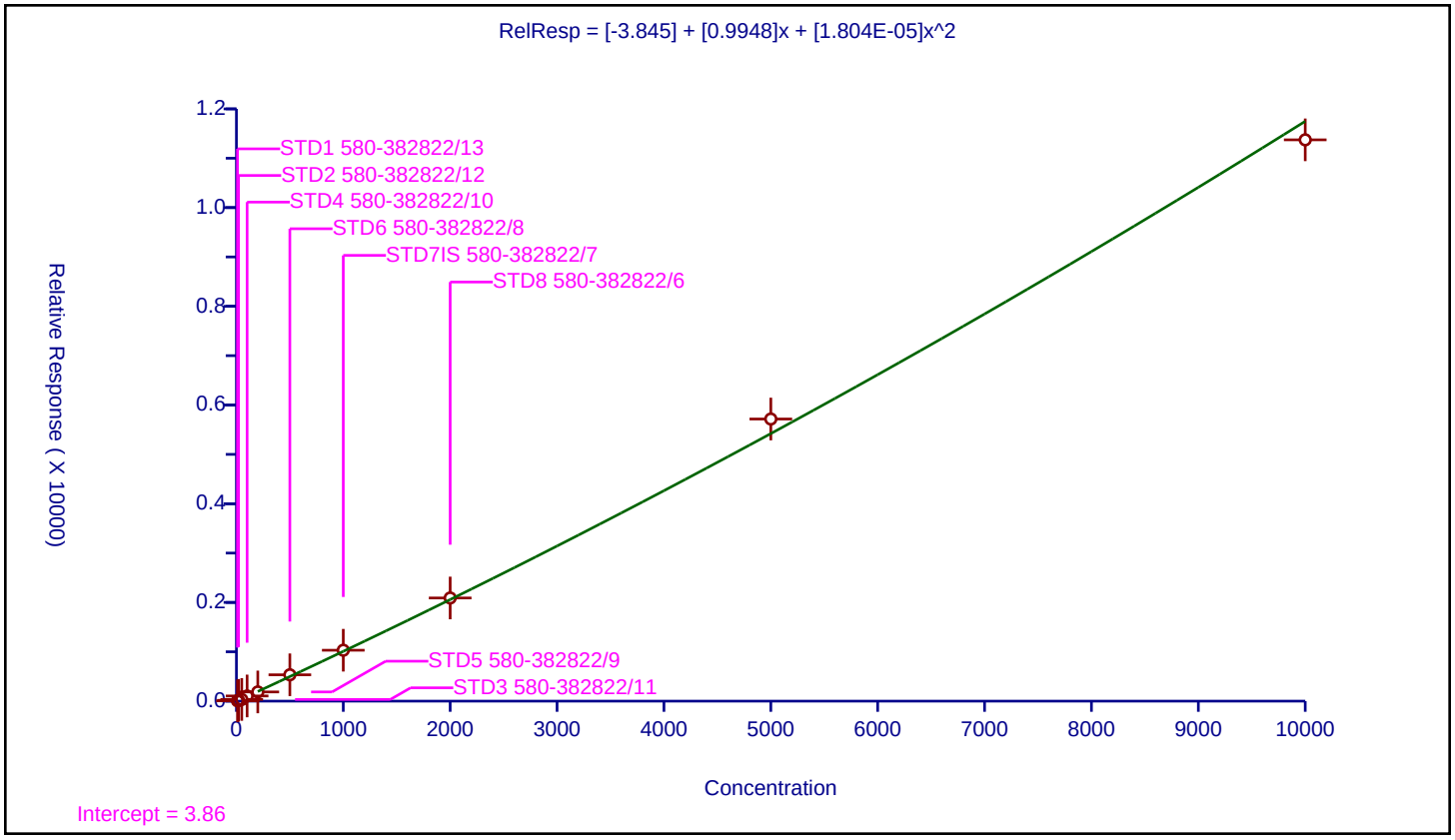
Curve Coefficients

Intercept:	-3.845
Slope:	0.9948
Second Order:	1.804E-05

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	10.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	6.331116	100.0	21497.0	0.633112	Y
2	STD2 580-382822/12	20.0	16.643014	100.0	23253.0	0.832151	Y
3	STD3 580-382822/11	50.0	34.478138	100.0	26118.0	0.689563	Y
4	STD4 580-382822/10	100.0	104.854207	100.0	23938.0	1.048542	Y
5	STD5 580-382822/9	200.0	186.695592	100.0	24661.0	0.933478	Y
6	STD6 580-382822/8	500.0	534.230897	100.0	24028.0	1.068462	Y
7	STD7IS 580-382822/7	1000.0	1031.669783	100.0	25668.0	1.03167	Y
8	STD8 580-382822/6	2000.0	2090.362895	100.0	23285.0	1.045181	Y
9	STD9 580-382822/5	5000.0	5716.489054	100.0	24210.0	1.143298	Y
10	STD10 580-382822/4	10000.0	11372.91763	100.0	23783.0	1.137292	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

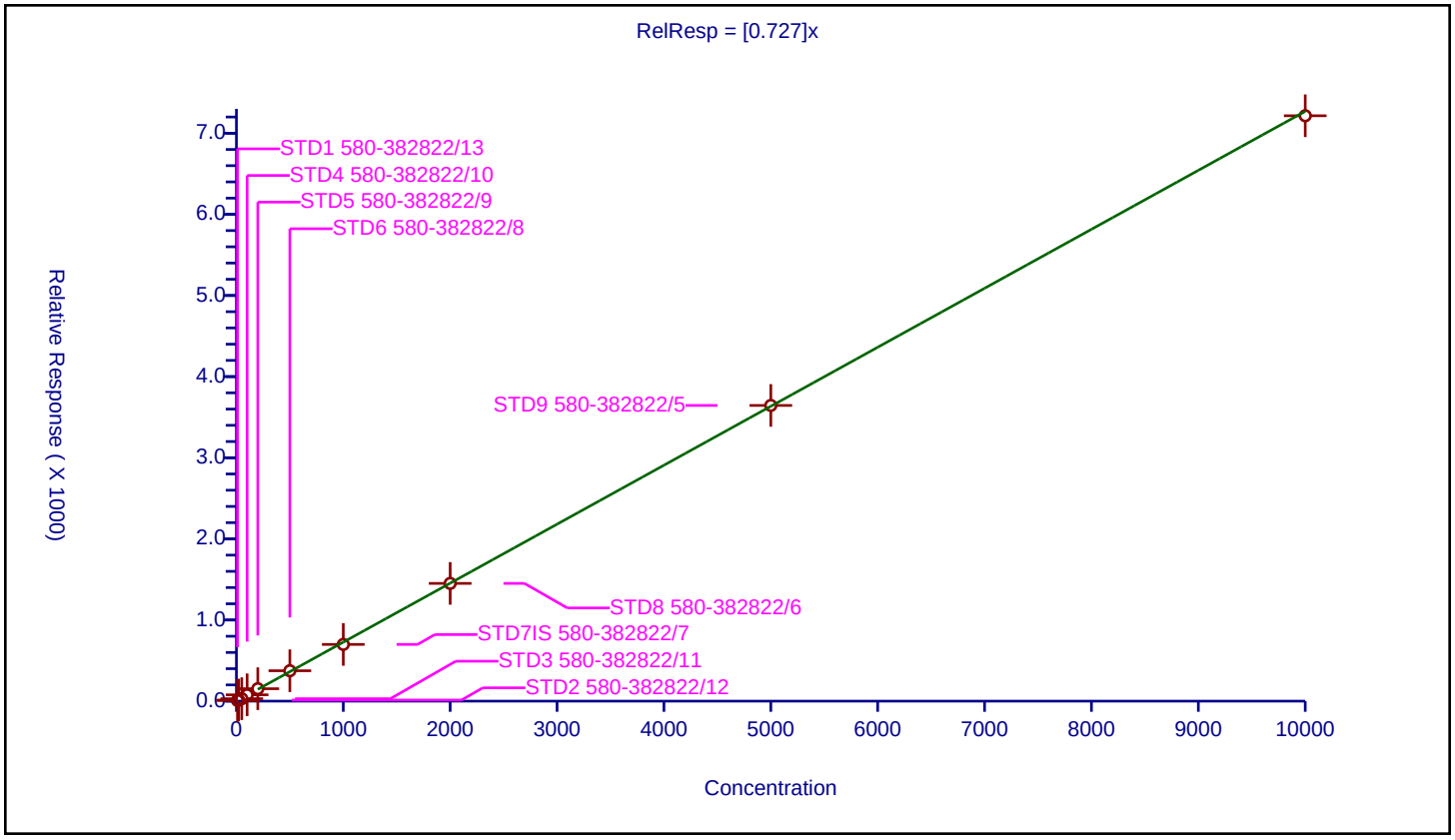
Curve Coefficients

Intercept:	0
Slope:	0.727

Error Coefficients

Standard Error:	654000
Relative Standard Error:	8.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	8.294181	100.0	21497.0	0.829418	Y
2	STD2 580-382822/12	20.0	13.361717	100.0	23253.0	0.668086	Y
3	STD3 580-382822/11	50.0	30.078873	100.0	26118.0	0.601577	Y
4	STD4 580-382822/10	100.0	78.080876	100.0	23938.0	0.780809	Y
5	STD5 580-382822/9	200.0	153.112201	100.0	24661.0	0.765561	Y
6	STD6 580-382822/8	500.0	374.579657	100.0	24028.0	0.749159	Y
7	STD7IS 580-382822/7	1000.0	698.940315	100.0	25668.0	0.69894	Y
8	STD8 580-382822/6	2000.0	1451.041443	100.0	23285.0	0.725521	Y
9	STD9 580-382822/5	5000.0	3644.820322	100.0	24210.0	0.728964	Y
10	STD10 580-382822/4	10000.0	7215.43119	100.0	23783.0	0.721543	Y



Calibration / 2-Chlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

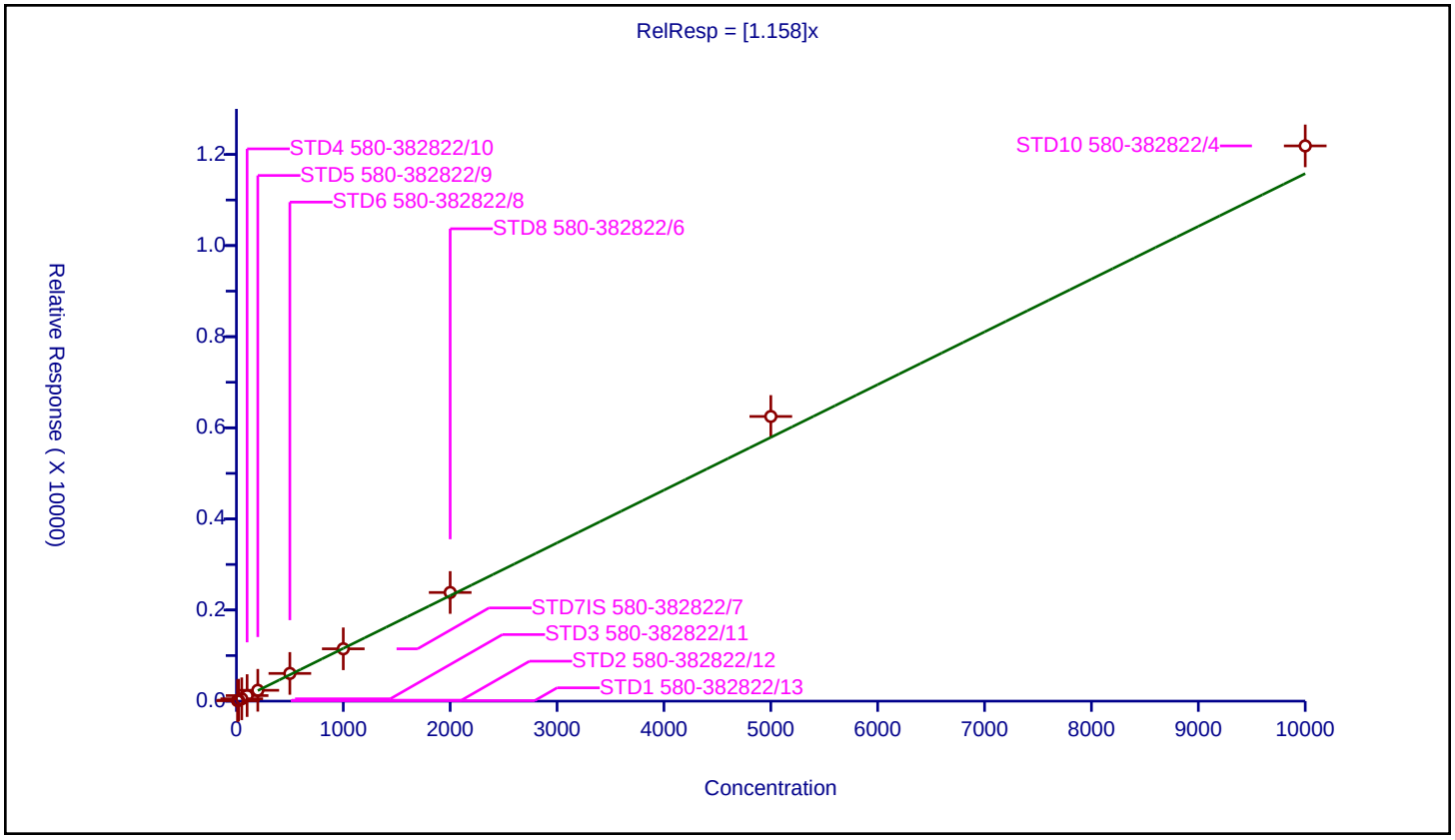
Curve Coefficients

Intercept:	0
Slope:	1.158

Error Coefficients

Standard Error:	1110000
Relative Standard Error:	7.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	10.736382	100.0	21497.0	1.073638	Y
2	STD2 580-382822/12	20.0	20.767213	100.0	23253.0	1.038361	Y
3	STD3 580-382822/11	50.0	51.542997	100.0	26118.0	1.03086	Y
4	STD4 580-382822/10	100.0	122.082045	100.0	23938.0	1.22082	Y
5	STD5 580-382822/9	200.0	237.9425	100.0	24661.0	1.189713	Y
6	STD6 580-382822/8	500.0	608.506742	100.0	24028.0	1.217013	Y
7	STD7IS 580-382822/7	1000.0	1148.328658	100.0	25668.0	1.148329	Y
8	STD8 580-382822/6	2000.0	2384.874383	100.0	23285.0	1.192437	Y
9	STD9 580-382822/5	5000.0	6248.488228	100.0	24210.0	1.249698	Y
10	STD10 580-382822/4	10000.0	12187.928352	100.0	23783.0	1.218793	Y



Calibration / n-Decane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

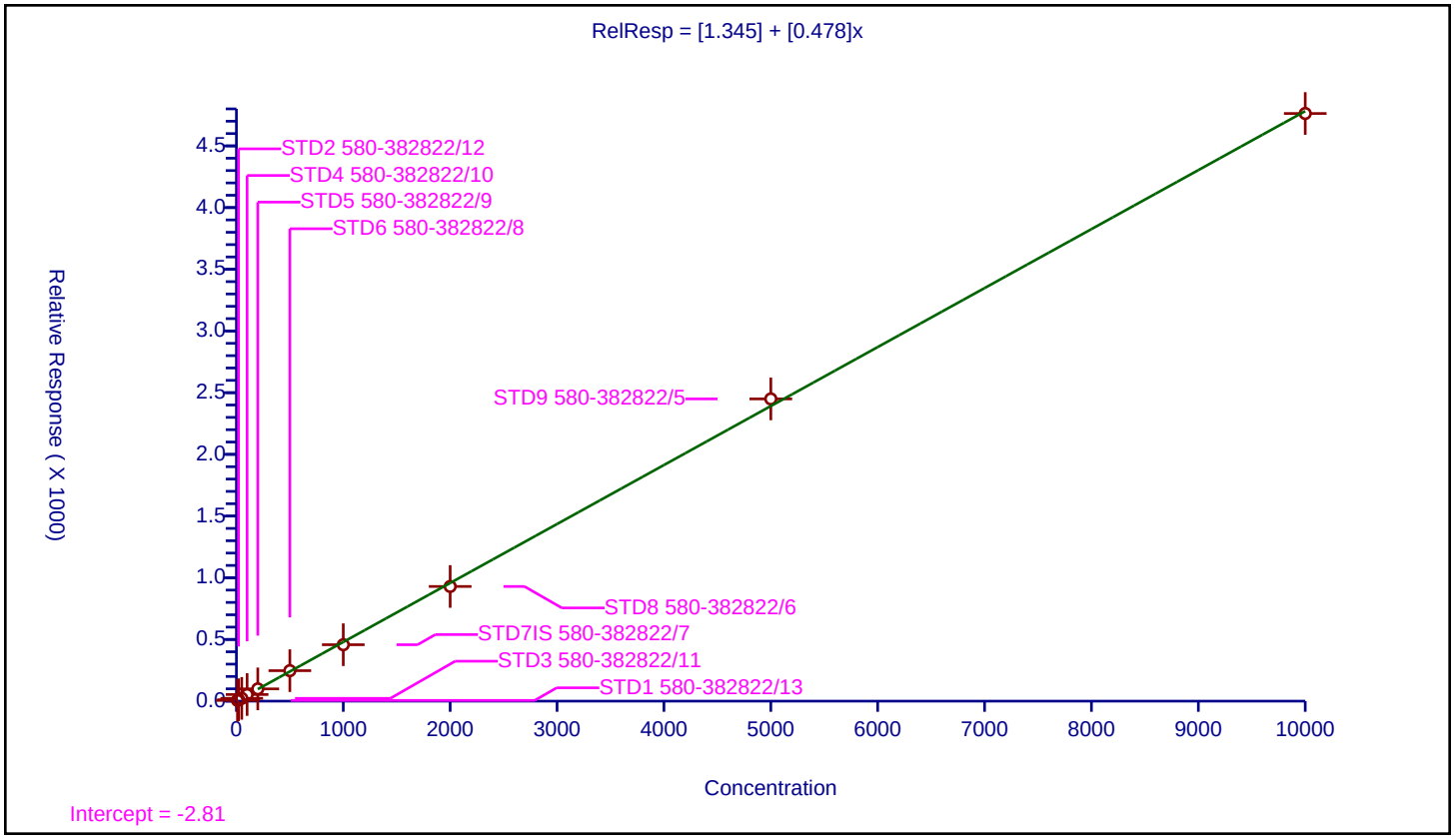
Curve Coefficients

Intercept:	1.345
Slope:	0.478

Error Coefficients

Standard Error:	459000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	5.968275	100.0	21497.0	0.596827	Y
2	STD2 580-382822/12	20.0	11.409281	100.0	23253.0	0.570464	Y
3	STD3 580-382822/11	50.0	22.582127	100.0	26118.0	0.451643	Y
4	STD4 580-382822/10	100.0	53.592614	100.0	23938.0	0.535926	Y
5	STD5 580-382822/9	200.0	99.480962	100.0	24661.0	0.497405	Y
6	STD6 580-382822/8	500.0	247.049276	100.0	24028.0	0.494099	Y
7	STD7IS 580-382822/7	1000.0	457.203522	100.0	25668.0	0.457204	Y
8	STD8 580-382822/6	2000.0	929.353661	100.0	23285.0	0.464677	Y
9	STD9 580-382822/5	5000.0	2449.512598	100.0	24210.0	0.489903	Y
10	STD10 580-382822/4	10000.0	4762.683429	100.0	23783.0	0.476268	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

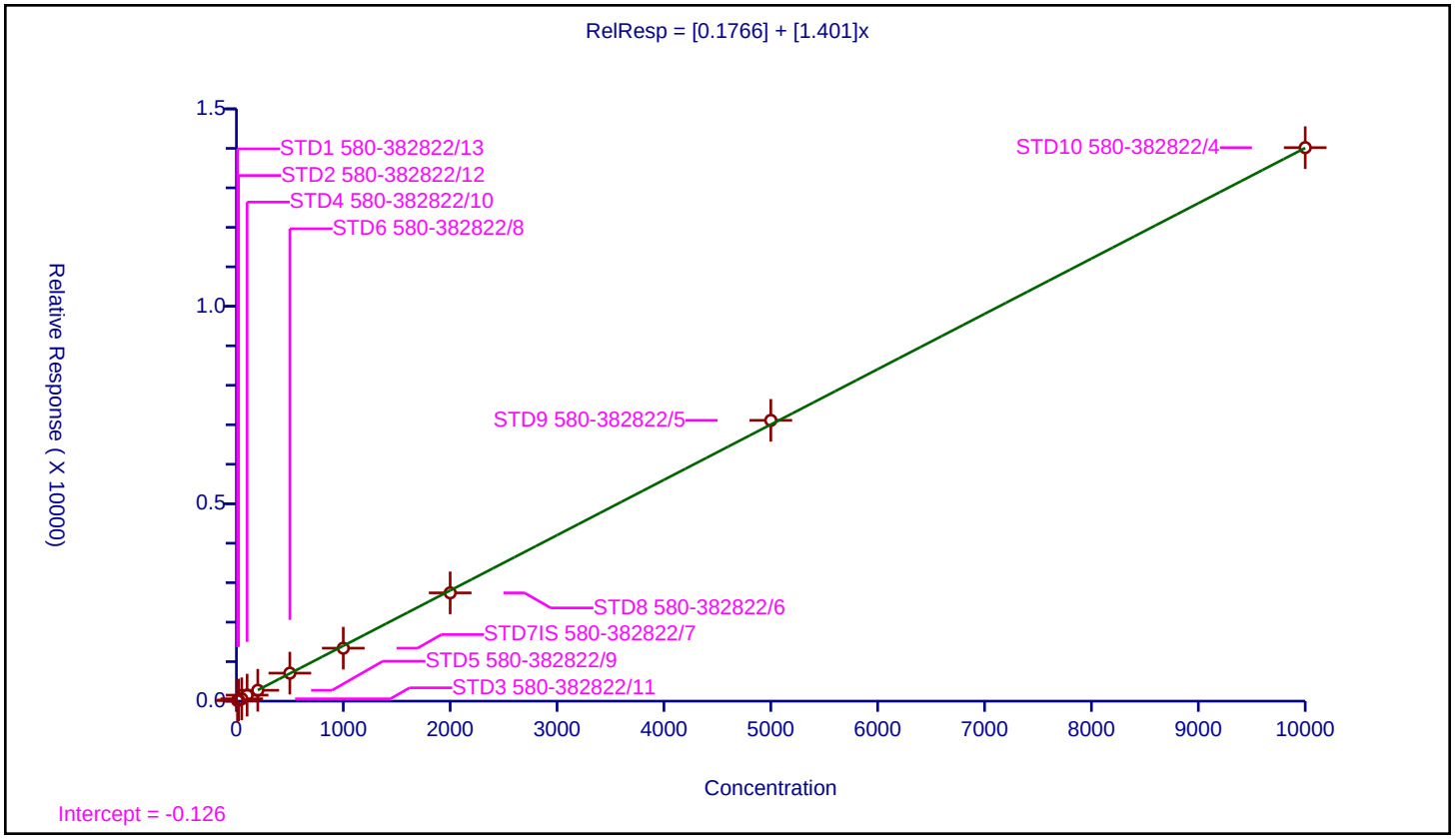
Curve Coefficients

Intercept:	0.1766
Slope:	1.401

Error Coefficients

Standard Error:	1350000
Relative Standard Error:	8.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	15.853375	100.0	21497.0	1.585337	Y
2	STD2 580-382822/12	20.0	28.619963	100.0	23253.0	1.430998	Y
3	STD3 580-382822/11	50.0	58.729612	100.0	26118.0	1.174592	Y
4	STD4 580-382822/10	100.0	152.197343	100.0	23938.0	1.521973	Y
5	STD5 580-382822/9	200.0	275.195653	100.0	24661.0	1.375978	Y
6	STD6 580-382822/8	500.0	709.126852	100.0	24028.0	1.418254	Y
7	STD7IS 580-382822/7	1000.0	1341.362786	100.0	25668.0	1.341363	Y
8	STD8 580-382822/6	2000.0	2742.383509	100.0	23285.0	1.371192	Y
9	STD9 580-382822/5	5000.0	7111.879389	100.0	24210.0	1.422376	Y
10	STD10 580-382822/4	10000.0	14018.353446	100.0	23783.0	1.401835	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

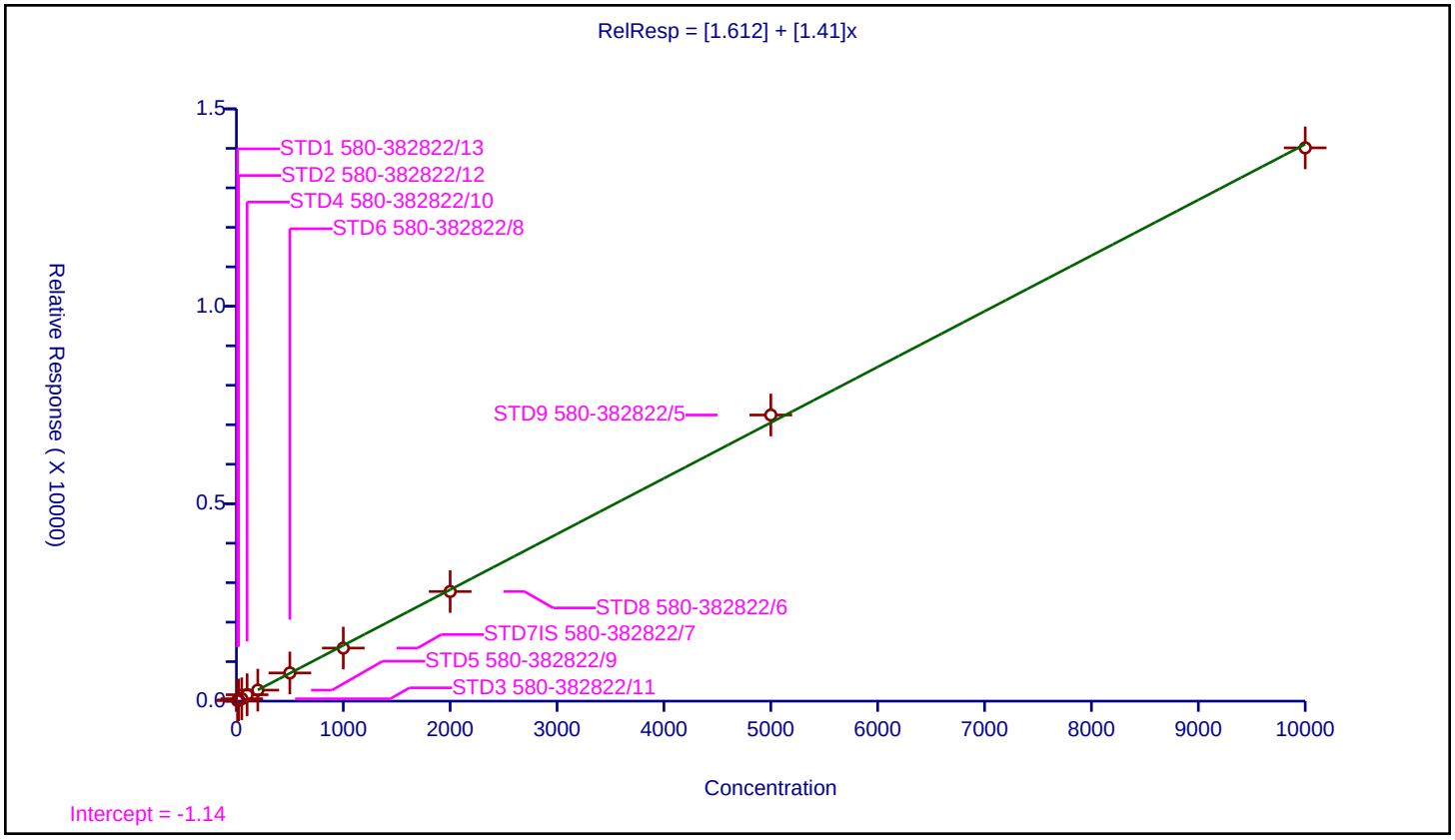
Curve Coefficients

Intercept:	1.612
Slope:	1.41

Error Coefficients

Standard Error:	1350000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	16.527888	100.0	21497.0	1.652789	Y
2	STD2 580-382822/12	20.0	30.288565	100.0	23253.0	1.514428	Y
3	STD3 580-382822/11	50.0	60.467877	100.0	26118.0	1.209358	Y
4	STD4 580-382822/10	100.0	162.636812	100.0	23938.0	1.626368	Y
5	STD5 580-382822/9	200.0	278.73971	100.0	24661.0	1.393699	Y
6	STD6 580-382822/8	500.0	714.125187	100.0	24028.0	1.42825	Y
7	STD7IS 580-382822/7	1000.0	1343.891226	100.0	25668.0	1.343891	Y
8	STD8 580-382822/6	2000.0	2777.041014	100.0	23285.0	1.388521	Y
9	STD9 580-382822/5	5000.0	7247.158199	100.0	24210.0	1.449432	Y
10	STD10 580-382822/4	10000.0	14012.878947	100.0	23783.0	1.401288	Y



Calibration / Benzyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

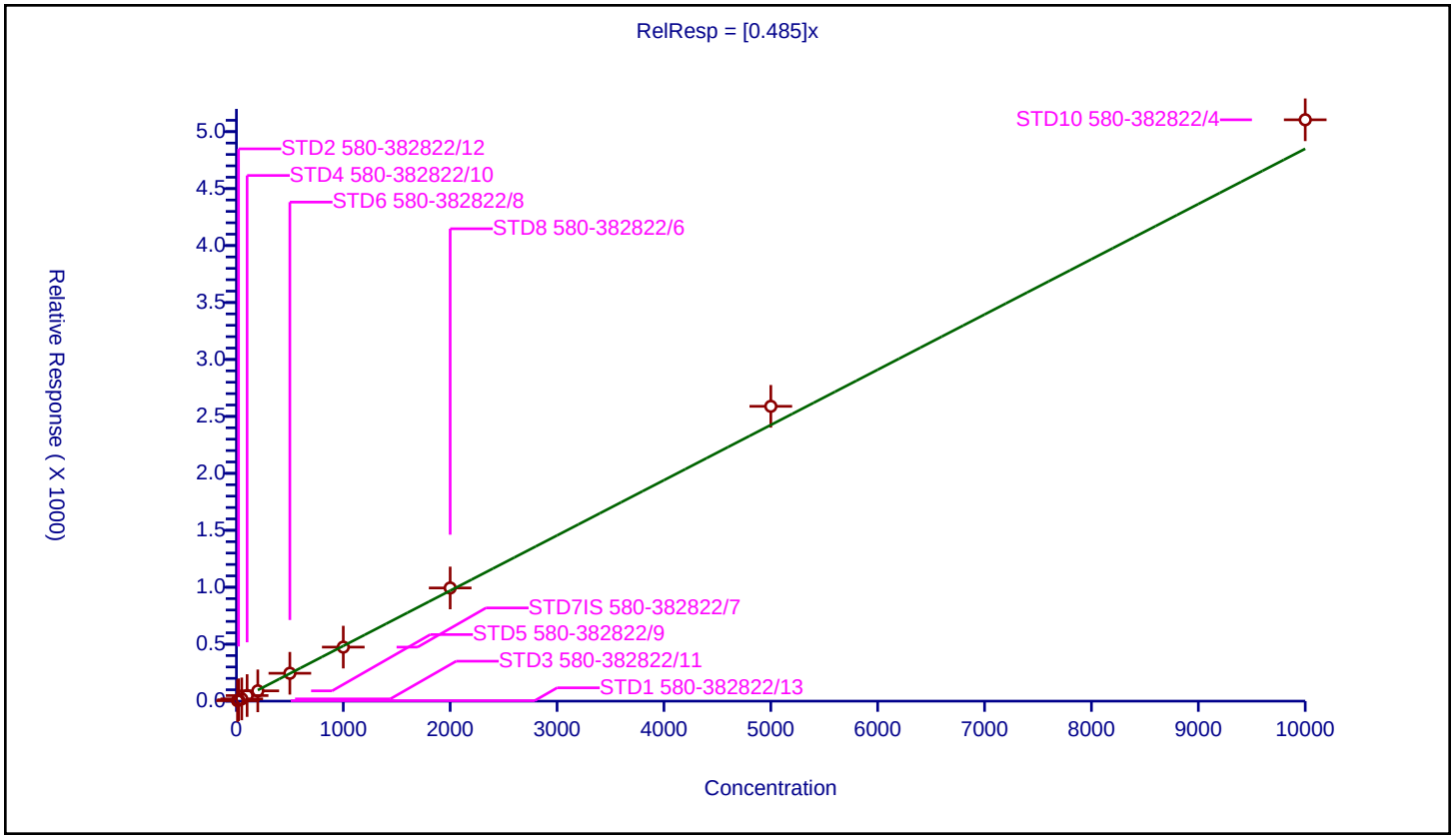
Curve Coefficients

Intercept:	0
Slope:	0.485

Error Coefficients

Standard Error:	462000
Relative Standard Error:	11.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	4.200586	100.0	21497.0	0.420059	Y
2	STD2 580-382822/12	20.0	12.118866	100.0	23253.0	0.605943	Y
3	STD3 580-382822/11	50.0	19.72586	100.0	26118.0	0.394517	Y
4	STD4 580-382822/10	100.0	48.892974	100.0	23938.0	0.48893	Y
5	STD5 580-382822/9	200.0	90.300474	100.0	24661.0	0.451502	Y
6	STD6 580-382822/8	500.0	244.76028	100.0	24028.0	0.489521	Y
7	STD7IS 580-382822/7	1000.0	474.45847	100.0	25668.0	0.474458	Y
8	STD8 580-382822/6	2000.0	993.674039	100.0	23285.0	0.496837	Y
9	STD9 580-382822/5	5000.0	2588.587361	100.0	24210.0	0.517717	Y
10	STD10 580-382822/4	10000.0	5104.414918	100.0	23783.0	0.510441	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

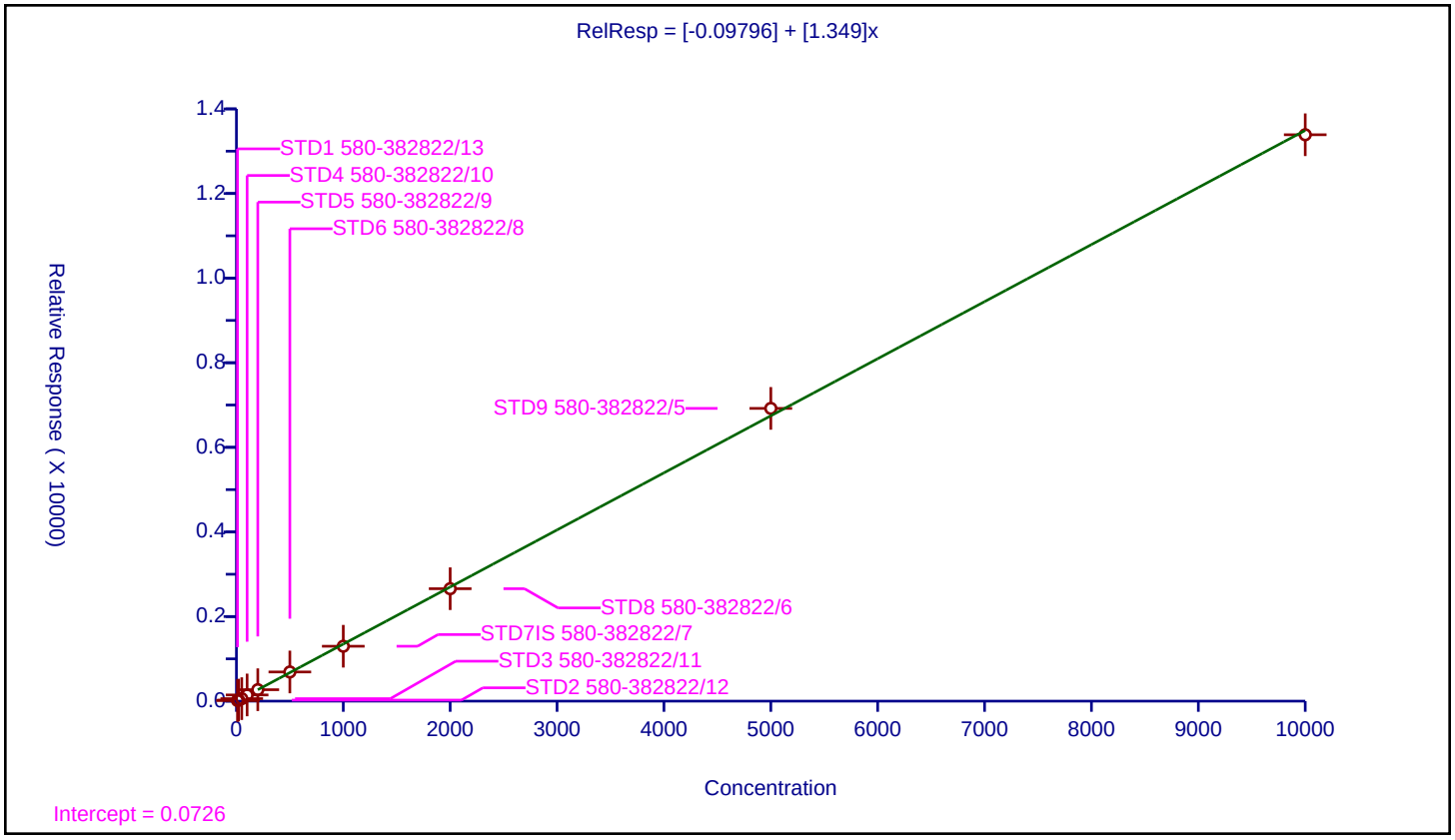
Curve Coefficients

Intercept:	-0.09796
Slope:	1.349

Error Coefficients

Standard Error:	1290000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	15.057915	100.0	21497.0	1.505792	Y
2	STD2 580-382822/12	20.0	24.921516	100.0	23253.0	1.246076	Y
3	STD3 580-382822/11	50.0	58.64155	100.0	26118.0	1.172831	Y
4	STD4 580-382822/10	100.0	146.662211	100.0	23938.0	1.466622	Y
5	STD5 580-382822/9	200.0	270.40266	100.0	24661.0	1.352013	Y
6	STD6 580-382822/8	500.0	689.753621	100.0	24028.0	1.379507	Y
7	STD7IS 580-382822/7	1000.0	1297.818295	100.0	25668.0	1.297818	Y
8	STD8 580-382822/6	2000.0	2657.749624	100.0	23285.0	1.328875	Y
9	STD9 580-382822/5	5000.0	6919.909128	100.0	24210.0	1.383982	Y
10	STD10 580-382822/4	10000.0	13388.929067	100.0	23783.0	1.338893	Y



Calibration / 2-Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

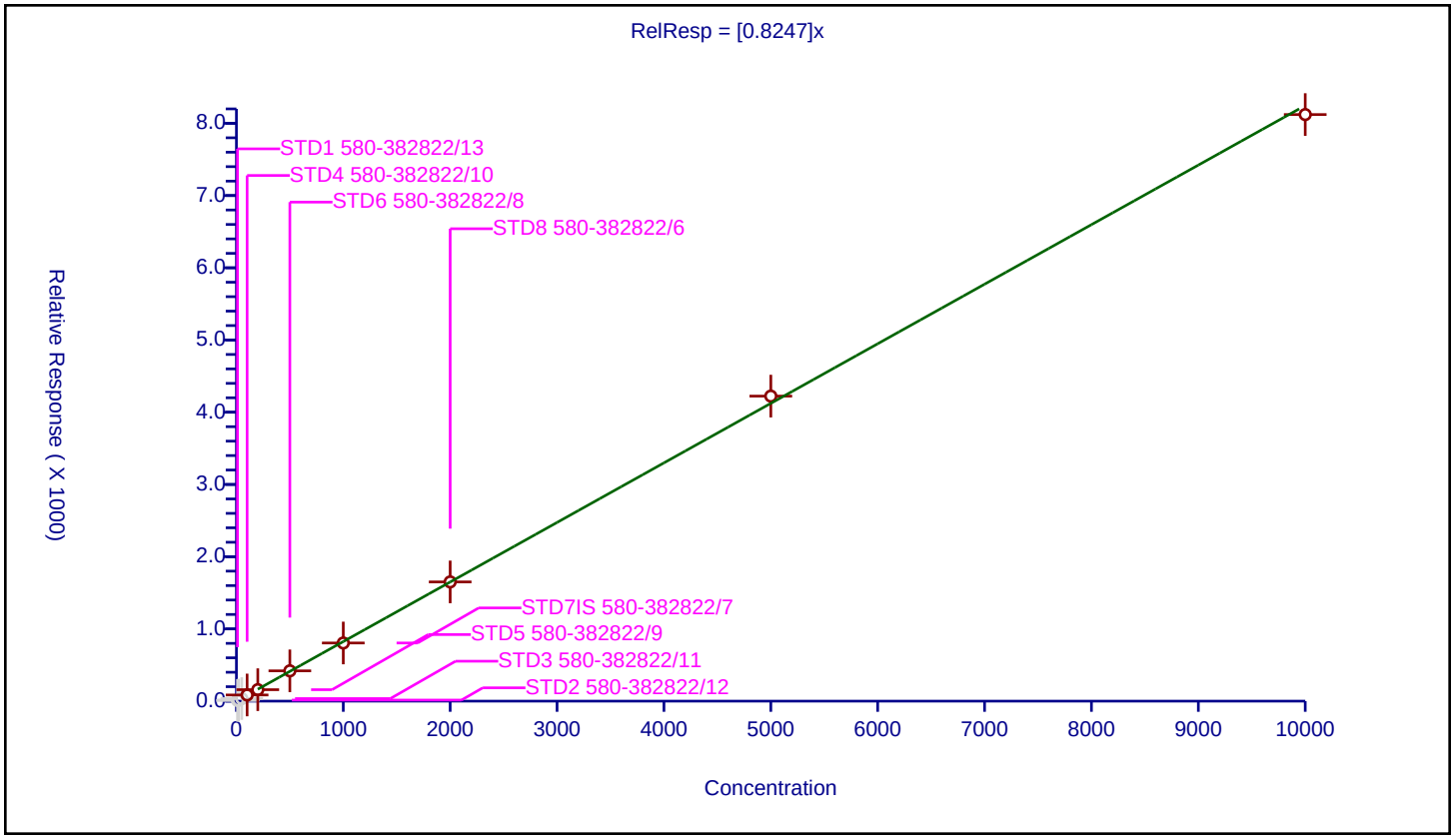
Curve Coefficients

Intercept:	0
Slope:	0.8247

Error Coefficients

Standard Error:	907000
Relative Standard Error:	2.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	9.657161	100.0	21497.0	0.965716	N
2	STD2 580-382822/12	20.0	15.081925	100.0	23253.0	0.754096	N
3	STD3 580-382822/11	50.0	35.611456	100.0	26118.0	0.712229	N
4	STD4 580-382822/10	100.0	85.257749	100.0	23938.0	0.852577	Y
5	STD5 580-382822/9	200.0	158.695917	100.0	24661.0	0.79348	Y
6	STD6 580-382822/8	500.0	419.498086	100.0	24028.0	0.838996	Y
7	STD7IS 580-382822/7	1000.0	805.349073	100.0	25668.0	0.805349	Y
8	STD8 580-382822/6	2000.0	1650.831007	100.0	23285.0	0.825416	Y
9	STD9 580-382822/5	5000.0	4223.436596	100.0	24210.0	0.844687	Y
10	STD10 580-382822/4	10000.0	8121.342976	100.0	23783.0	0.812134	Y



Calibration / 2,2'-oxybis[1-chloropropane]

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

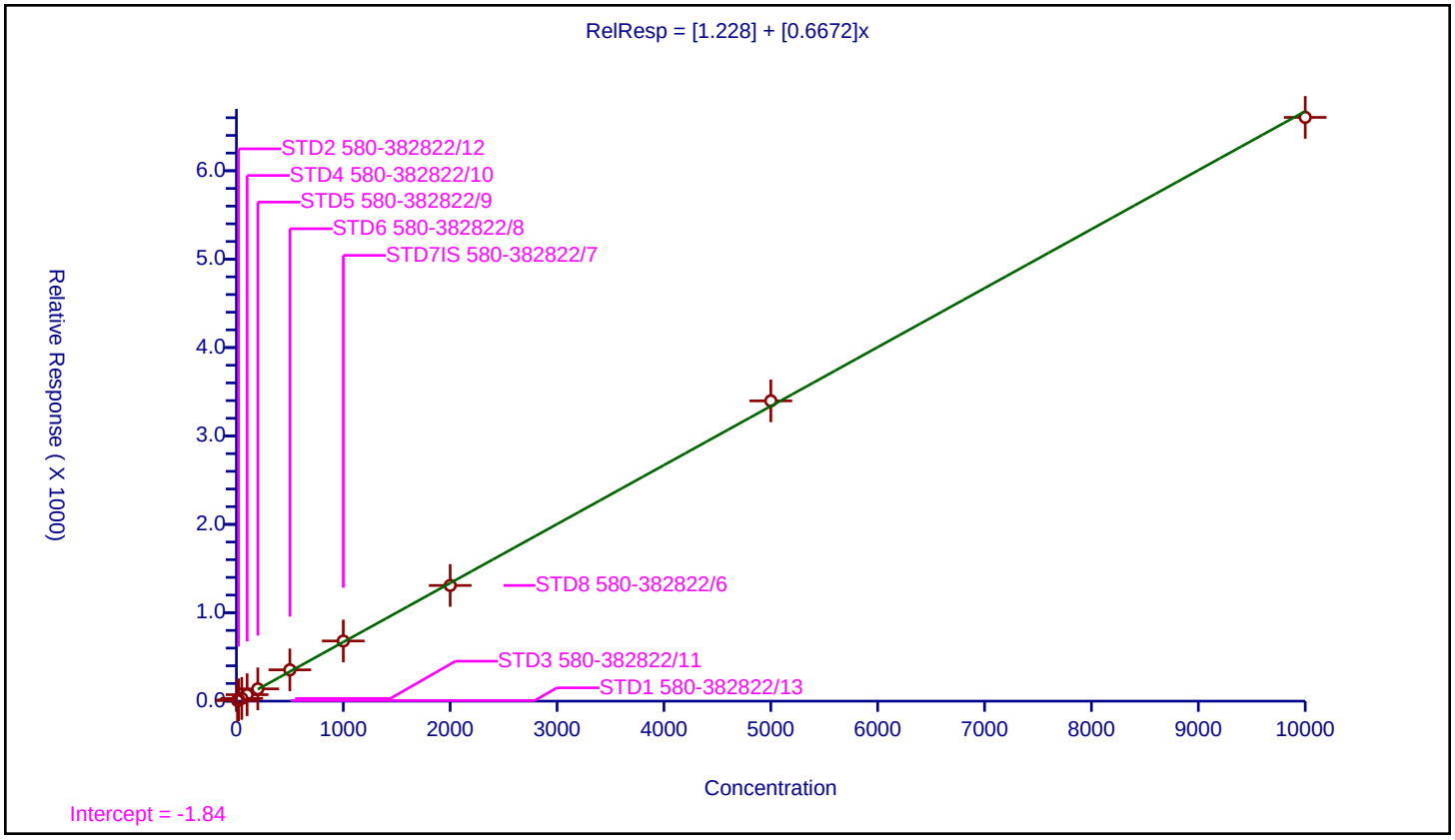
Curve Coefficients

Intercept:	1.228
Slope:	0.6672

Error Coefficients

Standard Error:	637000
Relative Standard Error:	6.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	7.196353	100.0	21497.0	0.719635	Y
2	STD2 580-382822/12	20.0	15.241044	100.0	23253.0	0.762052	Y
3	STD3 580-382822/11	50.0	30.699135	100.0	26118.0	0.613983	Y
4	STD4 580-382822/10	100.0	73.026151	100.0	23938.0	0.730262	Y
5	STD5 580-382822/9	200.0	139.017071	100.0	24661.0	0.695085	Y
6	STD6 580-382822/8	500.0	354.236724	100.0	24028.0	0.708473	Y
7	STD7IS 580-382822/7	1000.0	680.352969	100.0	25668.0	0.680353	Y
8	STD8 580-382822/6	2000.0	1308.675113	100.0	23285.0	0.654338	Y
9	STD9 580-382822/5	5000.0	3396.741016	100.0	24210.0	0.679348	Y
10	STD10 580-382822/4	10000.0	6603.784216	100.0	23783.0	0.660378	Y



Calibration / Acetophenone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

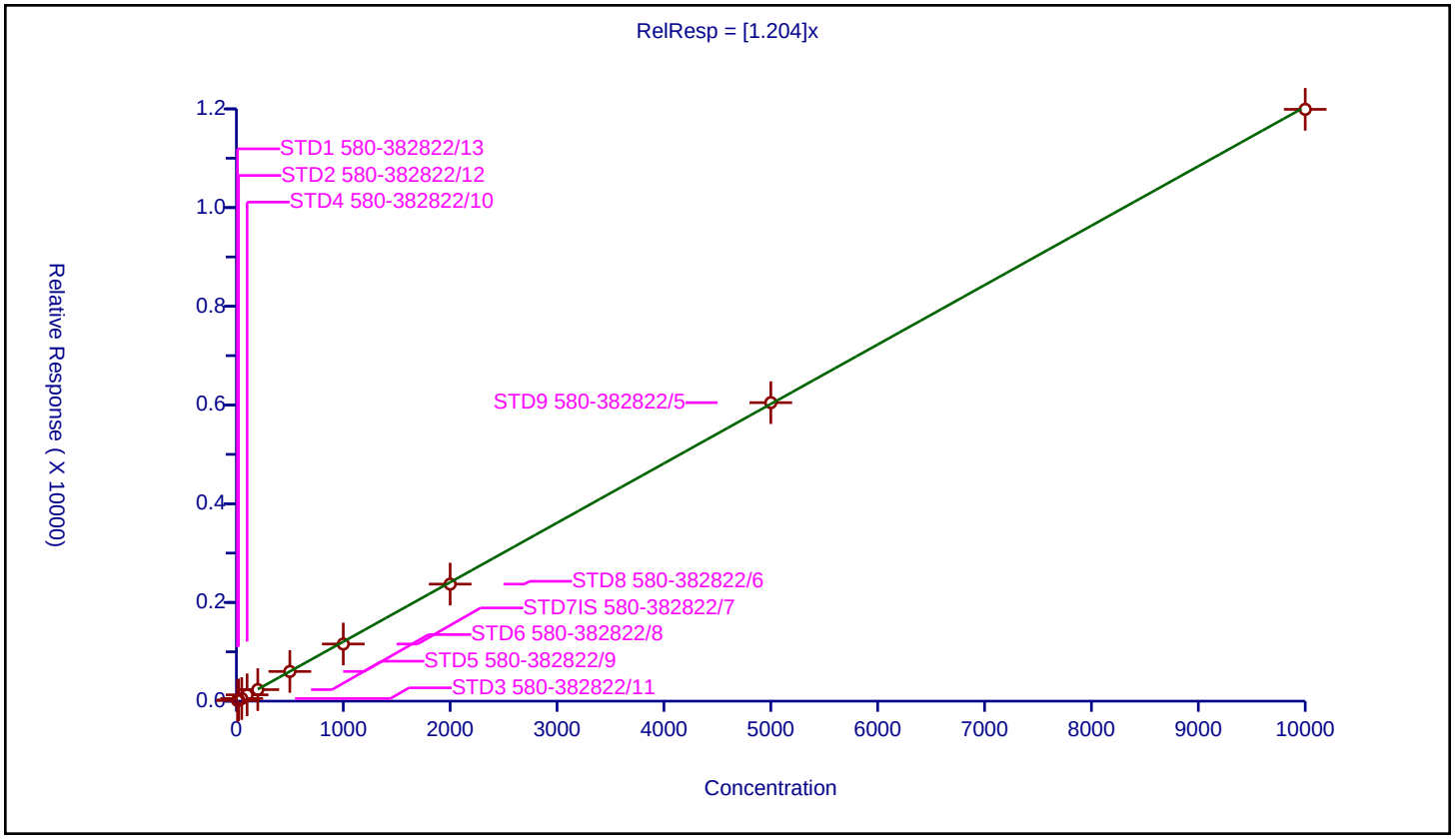
Curve Coefficients

Intercept:	0
Slope:	1.204

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	12.908778	100.0	21497.0	1.290878	Y
2	STD2 580-382822/12	20.0	25.859029	100.0	23253.0	1.292951	Y
3	STD3 580-382822/11	50.0	52.615055	100.0	26118.0	1.052301	Y
4	STD4 580-382822/10	100.0	128.41925	100.0	23938.0	1.284192	Y
5	STD5 580-382822/9	200.0	233.465796	100.0	24661.0	1.167329	Y
6	STD6 580-382822/8	500.0	601.286	100.0	24028.0	1.202572	Y
7	STD7IS 580-382822/7	1000.0	1157.635967	100.0	25668.0	1.157636	Y
8	STD8 580-382822/6	2000.0	2371.479493	100.0	23285.0	1.18574	Y
9	STD9 580-382822/5	5000.0	6048.137133	100.0	24210.0	1.209627	Y
10	STD10 580-382822/4	10000.0	11990.829584	100.0	23783.0	1.199083	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

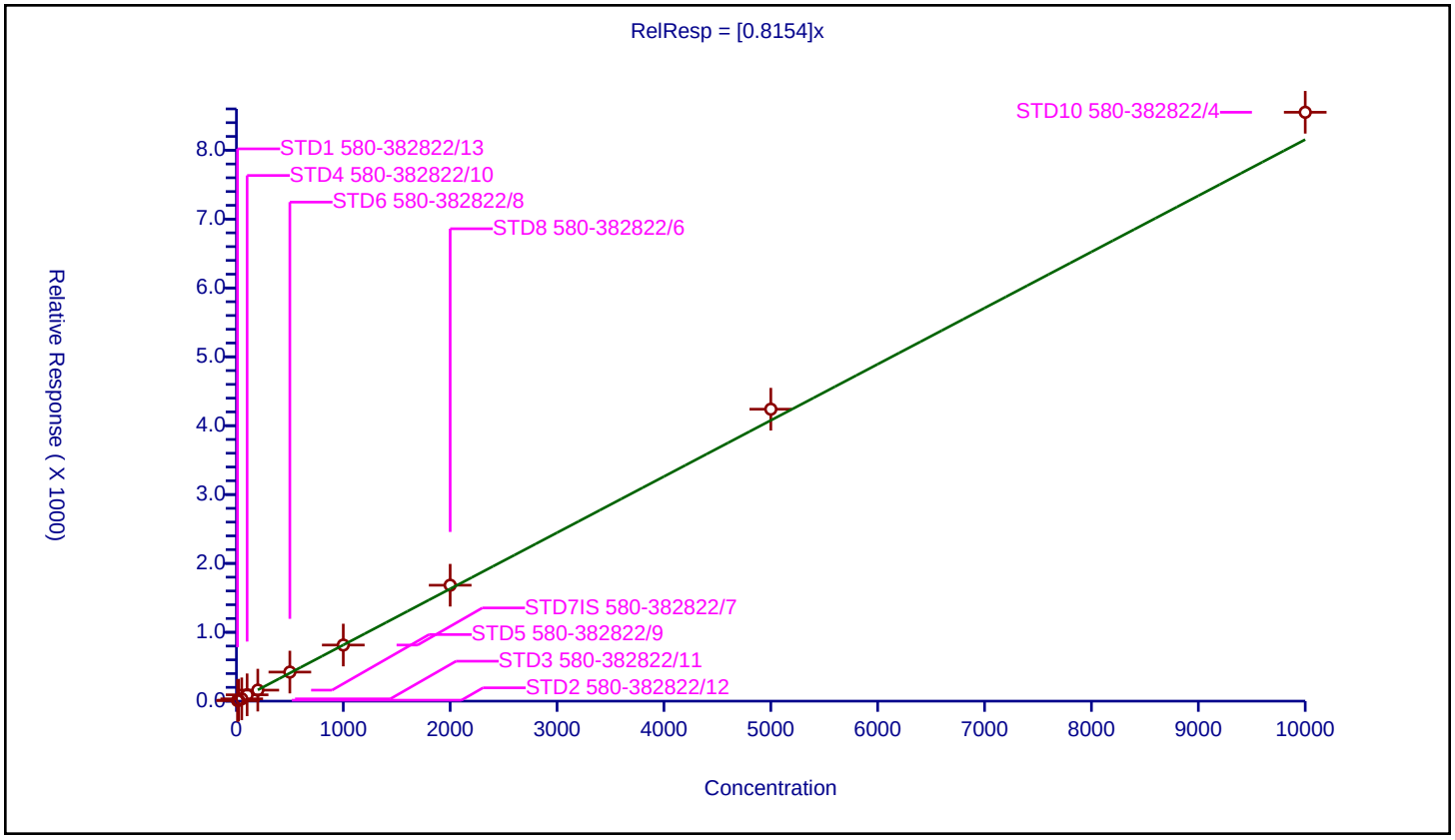
Curve Coefficients

Intercept:	0
Slope:	0.8154

Error Coefficients

Standard Error:	771000
Relative Standard Error:	9.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	8.587245	100.0	21497.0	0.858724	Y
2	STD2 580-382822/12	20.0	14.13581	100.0	23253.0	0.706791	Y
3	STD3 580-382822/11	50.0	33.432882	100.0	26118.0	0.668658	Y
4	STD4 580-382822/10	100.0	91.66597	100.0	23938.0	0.91666	Y
5	STD5 580-382822/9	200.0	160.001622	100.0	24661.0	0.800008	Y
6	STD6 580-382822/8	500.0	422.065923	100.0	24028.0	0.844132	Y
7	STD7IS 580-382822/7	1000.0	814.862864	100.0	25668.0	0.814863	Y
8	STD8 580-382822/6	2000.0	1683.259609	100.0	23285.0	0.84163	Y
9	STD9 580-382822/5	5000.0	4239.322594	100.0	24210.0	0.847865	Y
10	STD10 580-382822/4	10000.0	8550.721103	100.0	23783.0	0.855072	Y



Calibration / N-Nitrosodi-n-propylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

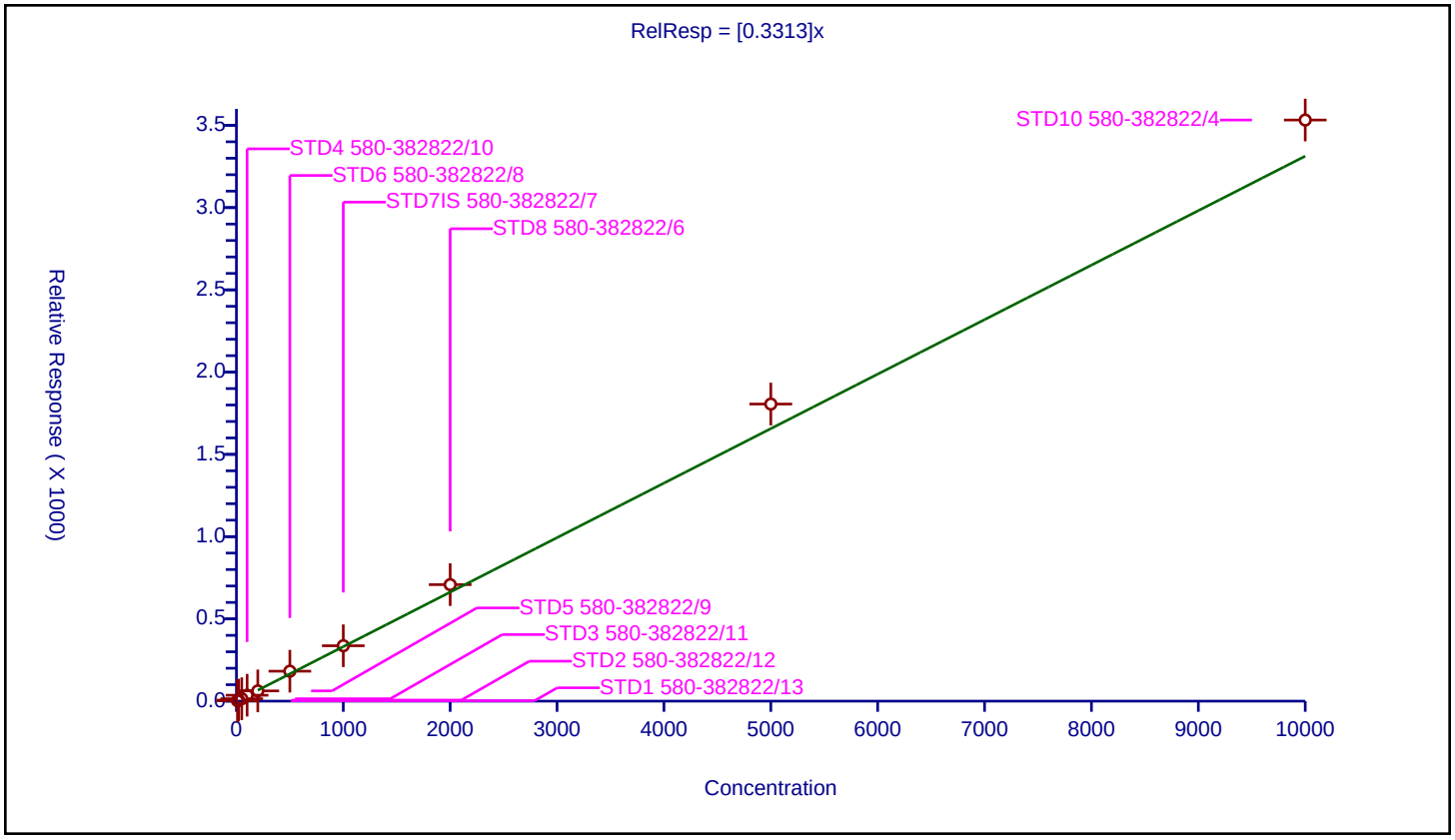
Curve Coefficients

Intercept:	0
Slope:	0.3313

Error Coefficients

Standard Error:	321000
Relative Standard Error:	10.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	2.605015	100.0	21497.0	0.260501	Y
2	STD2 580-382822/12	20.0	6.343268	100.0	23253.0	0.317163	Y
3	STD3 580-382822/11	50.0	14.729305	100.0	26118.0	0.294586	Y
4	STD4 580-382822/10	100.0	36.026402	100.0	23938.0	0.360264	Y
5	STD5 580-382822/9	200.0	62.223754	100.0	24661.0	0.311119	Y
6	STD6 580-382822/8	500.0	181.983519	100.0	24028.0	0.363967	Y
7	STD7IS 580-382822/7	1000.0	336.726664	100.0	25668.0	0.336727	Y
8	STD8 580-382822/6	2000.0	708.181233	100.0	23285.0	0.354091	Y
9	STD9 580-382822/5	5000.0	1805.873606	100.0	24210.0	0.361175	Y
10	STD10 580-382822/4	10000.0	3532.296178	100.0	23783.0	0.35323	Y



Calibration / Hexachloroethane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

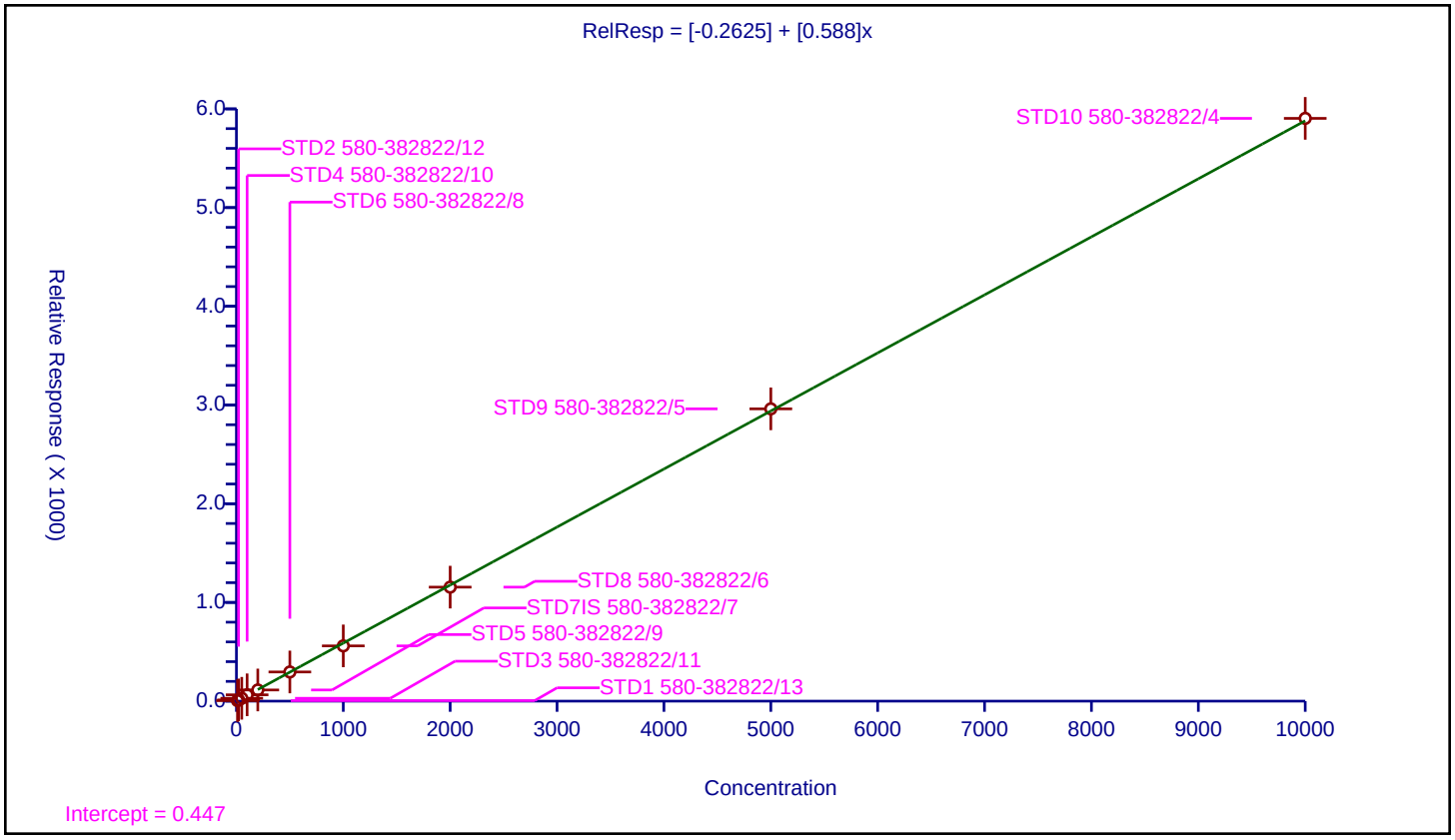
Curve Coefficients

Intercept:	-0.2625
Slope:	0.588

Error Coefficients

Standard Error:	566000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	5.23794	100.0	21497.0	0.523794	Y
2	STD2 580-382822/12	20.0	12.157571	100.0	23253.0	0.607879	Y
3	STD3 580-382822/11	50.0	29.083391	100.0	26118.0	0.581668	Y
4	STD4 580-382822/10	100.0	64.044615	100.0	23938.0	0.640446	Y
5	STD5 580-382822/9	200.0	113.190868	100.0	24661.0	0.565954	Y
6	STD6 580-382822/8	500.0	295.467788	100.0	24028.0	0.590936	Y
7	STD7IS 580-382822/7	1000.0	559.622877	100.0	25668.0	0.559623	Y
8	STD8 580-382822/6	2000.0	1154.945244	100.0	23285.0	0.577473	Y
9	STD9 580-382822/5	5000.0	2961.082197	100.0	24210.0	0.592216	Y
10	STD10 580-382822/4	10000.0	5903.876719	100.0	23783.0	0.590388	Y



Calibration / Nitrobenzene-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

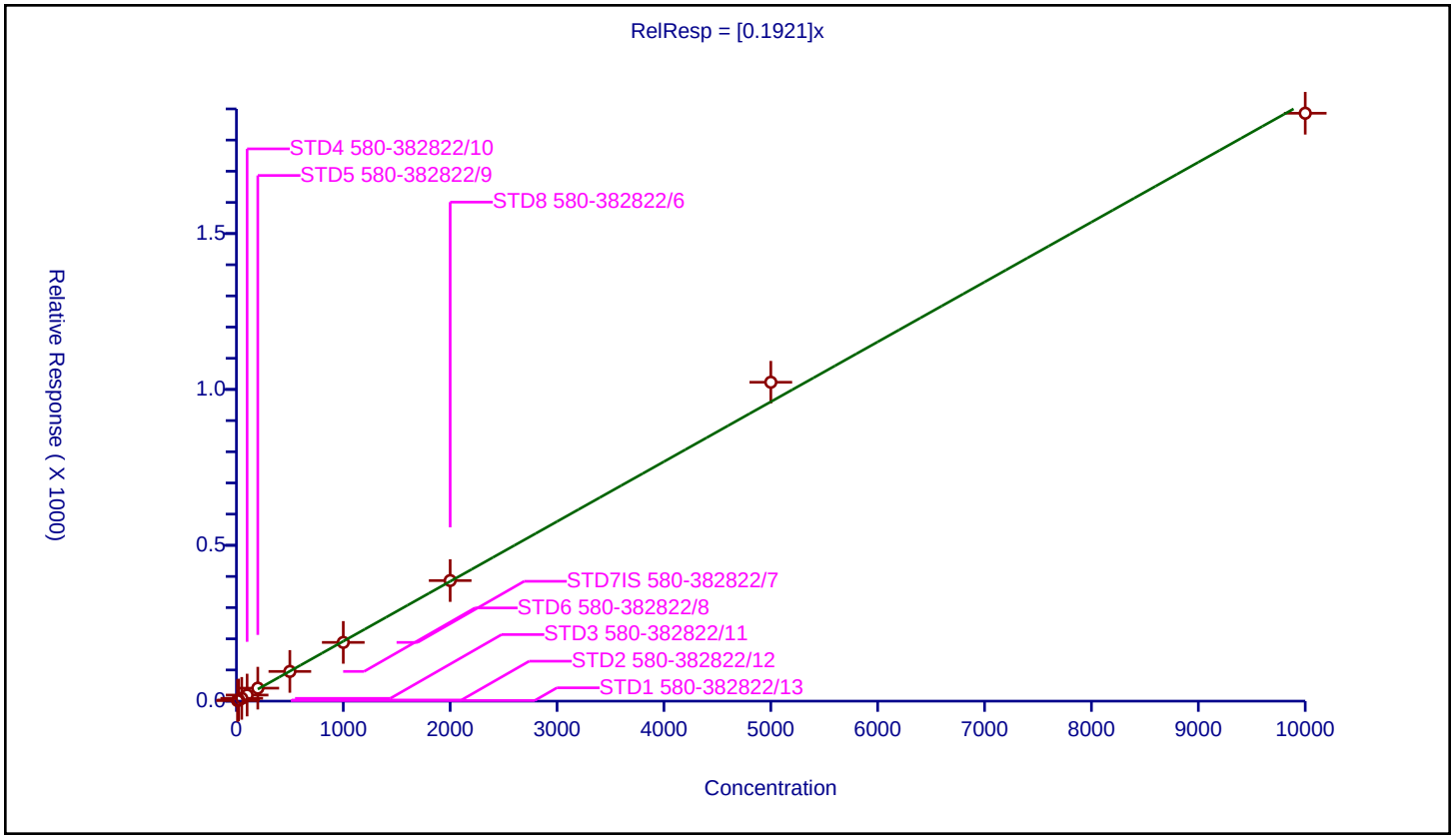
Curve Coefficients

Intercept:	0
Slope:	0.1921

Error Coefficients

Standard Error:	640000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	1.915939	100.0	78134.0	0.191594	Y
2	STD2 580-382822/12	20.0	3.615397	100.0	80821.0	0.18077	Y
3	STD3 580-382822/11	50.0	8.94432	100.0	87195.0	0.178886	Y
4	STD4 580-382822/10	100.0	19.556562	100.0	82131.0	0.195566	Y
5	STD5 580-382822/9	200.0	41.6781	100.0	80174.0	0.208391	Y
6	STD6 580-382822/8	500.0	95.293398	100.0	84987.0	0.190587	Y
7	STD7IS 580-382822/7	1000.0	188.468359	100.0	90230.0	0.188468	Y
8	STD8 580-382822/6	2000.0	386.850642	100.0	83852.0	0.193425	Y
9	STD9 580-382822/5	5000.0	1023.085594	100.0	85170.0	0.204617	Y
10	STD10 580-382822/4	10000.0	1886.087388	100.0	88639.0	0.188609	Y



Calibration / Nitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

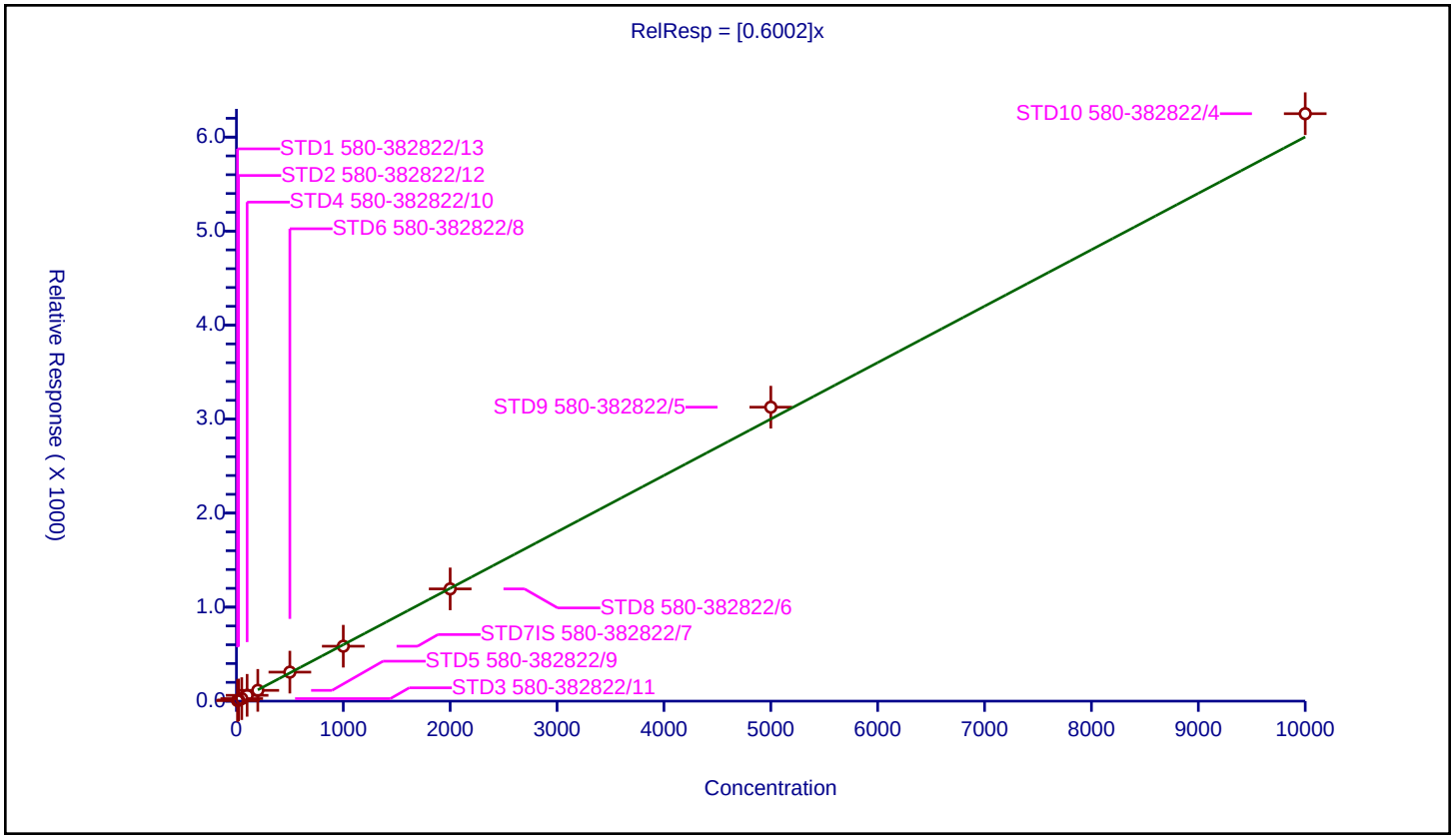
Curve Coefficients

Intercept:	0
Slope:	0.6002

Error Coefficients

Standard Error:	564000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	6.168303	100.0	21497.0	0.61683	Y
2	STD2 580-382822/12	20.0	12.183374	100.0	23253.0	0.609169	Y
3	STD3 580-382822/11	50.0	26.766981	100.0	26118.0	0.53534	Y
4	STD4 580-382822/10	100.0	61.922466	100.0	23938.0	0.619225	Y
5	STD5 580-382822/9	200.0	114.492519	100.0	24661.0	0.572463	Y
6	STD6 580-382822/8	500.0	308.644082	100.0	24028.0	0.617288	Y
7	STD7IS 580-382822/7	1000.0	584.299517	100.0	25668.0	0.5843	Y
8	STD8 580-382822/6	2000.0	1194.043376	100.0	23285.0	0.597022	Y
9	STD9 580-382822/5	5000.0	3127.042544	100.0	24210.0	0.625409	Y
10	STD10 580-382822/4	10000.0	6248.997183	100.0	23783.0	0.6249	Y



Calibration / Isophorone

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

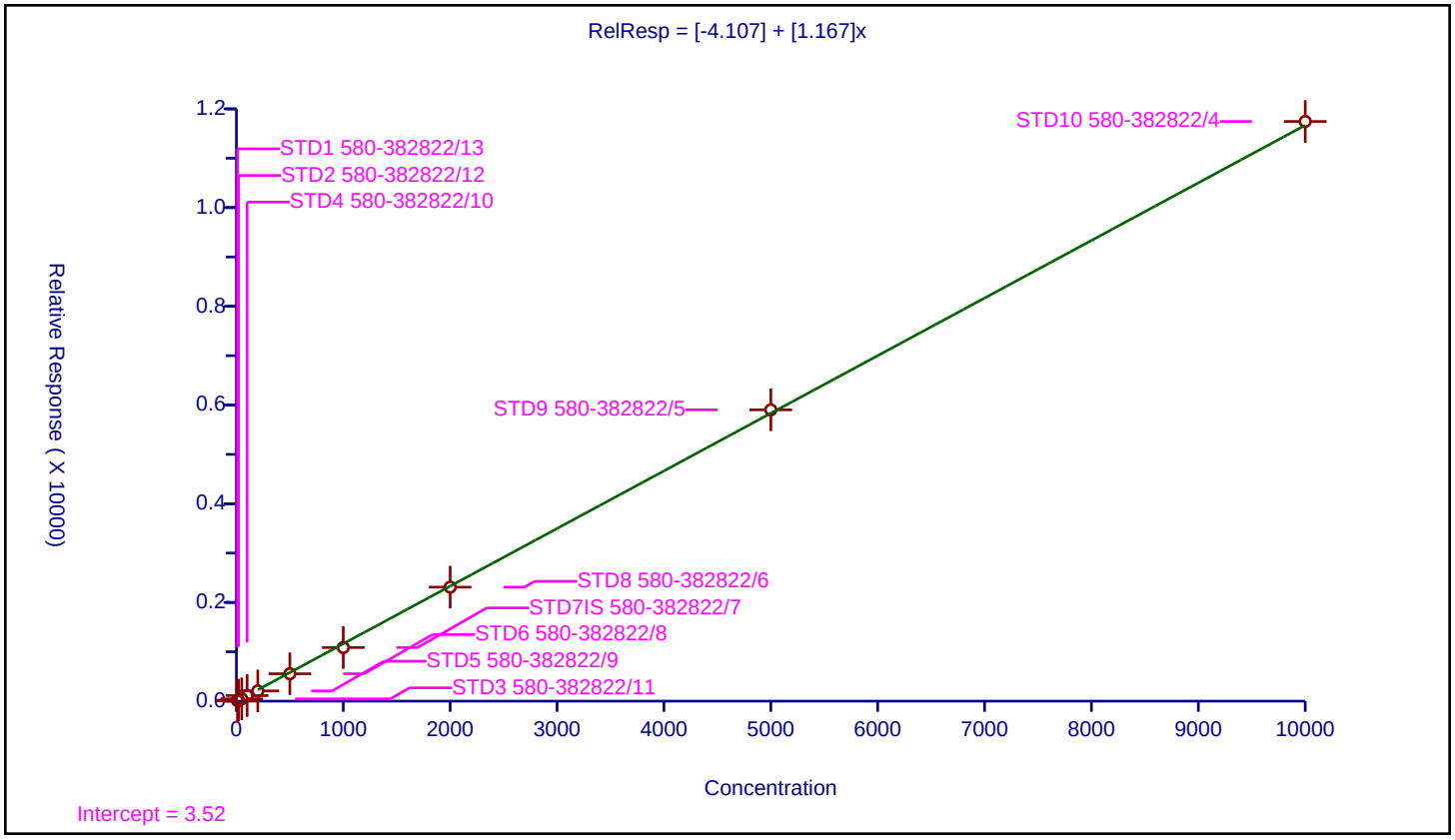
Curve Coefficients

Intercept:	-4.107
Slope:	1.167

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	12.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	10.899195	100.0	21497.0	1.08992	Y
2	STD2 580-382822/12	20.0	19.881306	100.0	23253.0	0.994065	Y
3	STD3 580-382822/11	50.0	46.611532	100.0	26118.0	0.932231	Y
4	STD4 580-382822/10	100.0	113.83992	100.0	23938.0	1.138399	Y
5	STD5 580-382822/9	200.0	207.521998	100.0	24661.0	1.03761	Y
6	STD6 580-382822/8	500.0	554.465623	100.0	24028.0	1.108931	Y
7	STD7IS 580-382822/7	1000.0	1086.317594	100.0	25668.0	1.086318	Y
8	STD8 580-382822/6	2000.0	2310.015031	100.0	23285.0	1.155008	Y
9	STD9 580-382822/5	5000.0	5902.321355	100.0	24210.0	1.180464	Y
10	STD10 580-382822/4	10000.0	11745.456839	100.0	23783.0	1.174546	Y



Calibration / 2-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

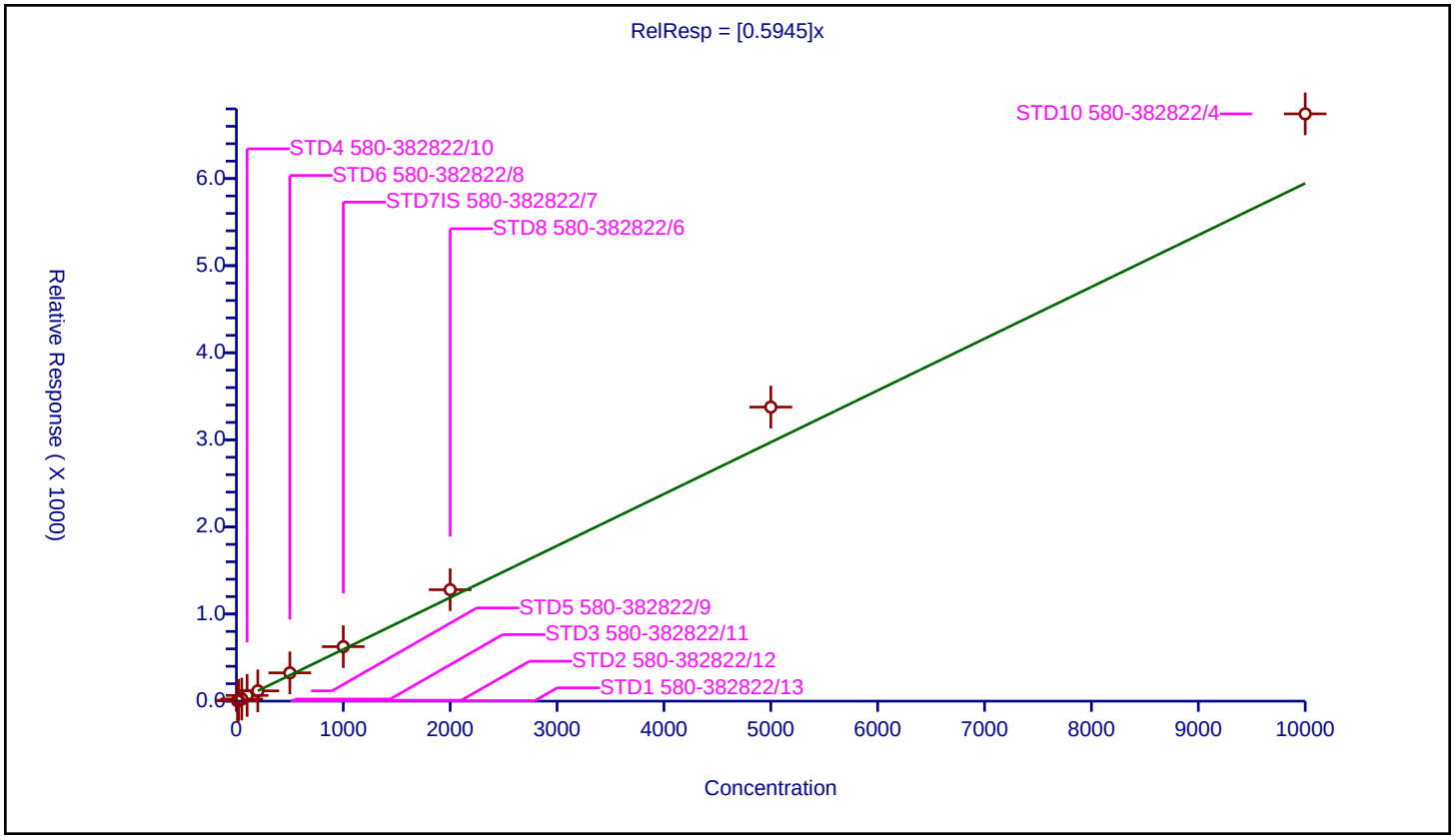
Curve Coefficients

Intercept:	0
Slope:	0.5945

Error Coefficients

Standard Error:	609000
Relative Standard Error:	14.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	4.228497	100.0	21497.0	0.42285	Y
2	STD2 580-382822/12	20.0	10.467467	100.0	23253.0	0.523373	Y
3	STD3 580-382822/11	50.0	24.32805	100.0	26118.0	0.486561	Y
4	STD4 580-382822/10	100.0	65.686356	100.0	23938.0	0.656864	Y
5	STD5 580-382822/9	200.0	118.231215	100.0	24661.0	0.591156	Y
6	STD6 580-382822/8	500.0	324.858498	100.0	24028.0	0.649717	Y
7	STD7IS 580-382822/7	1000.0	625.405174	100.0	25668.0	0.625405	Y
8	STD8 580-382822/6	2000.0	1279.201202	100.0	23285.0	0.639601	Y
9	STD9 580-382822/5	5000.0	3376.216439	100.0	24210.0	0.675243	Y
10	STD10 580-382822/4	10000.0	6742.91721	100.0	23783.0	0.674292	Y



Calibration / 2,4-Dimethylphenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

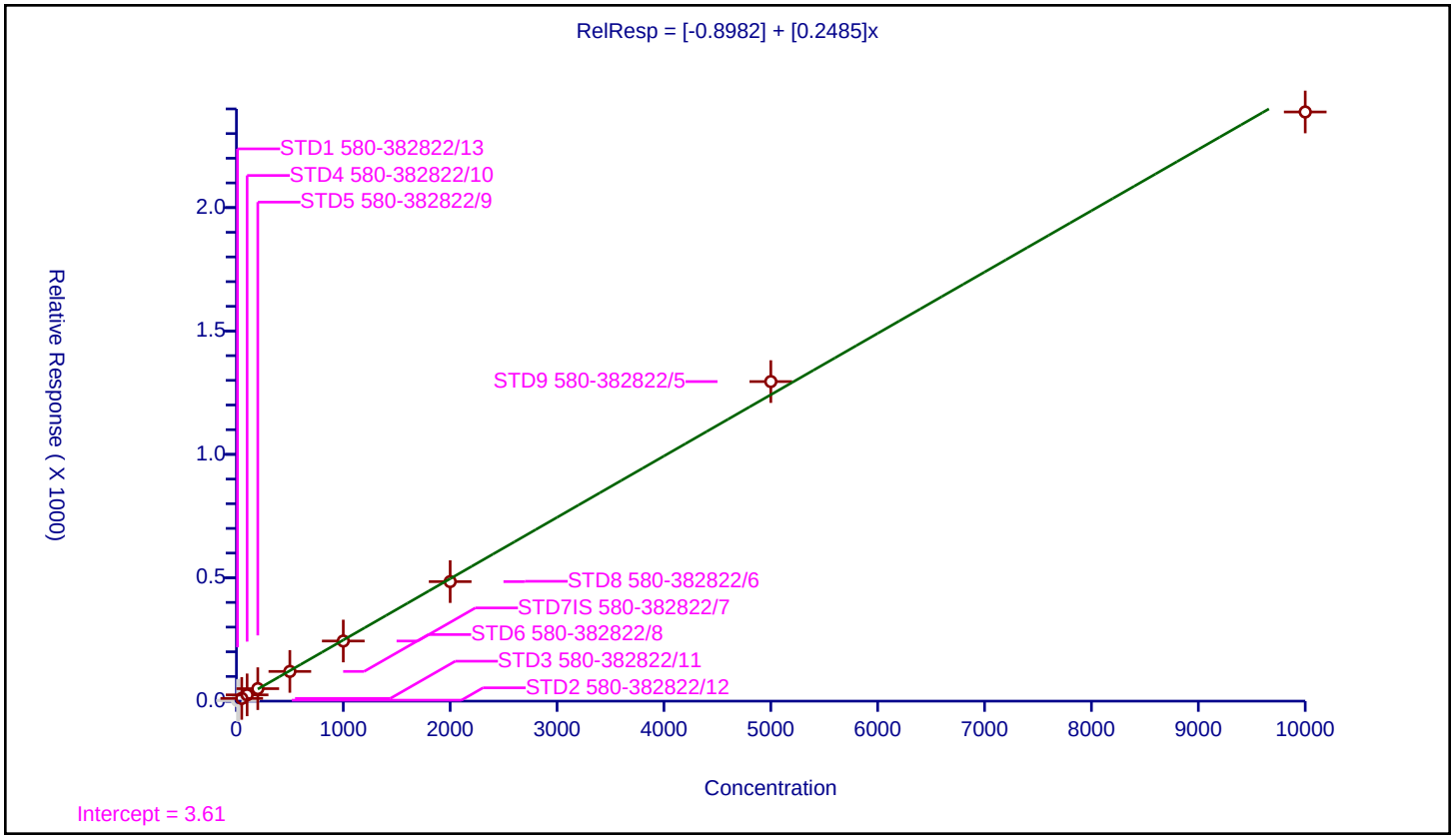
Curve Coefficients

Intercept:	-0.8982
Slope:	0.2485

Error Coefficients

Standard Error:	992000
Relative Standard Error:	4.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	2.237182	100.0	78134.0	0.223718	N
2	STD2 580-382822/12	20.0	3.948231	100.0	80821.0	0.197412	N
3	STD3 580-382822/11	50.0	11.096967	100.0	87195.0	0.221939	Y
4	STD4 580-382822/10	100.0	25.408189	100.0	82131.0	0.254082	Y
5	STD5 580-382822/9	200.0	50.601192	100.0	80174.0	0.253006	Y
6	STD6 580-382822/8	500.0	120.370174	100.0	84987.0	0.24074	Y
7	STD7IS 580-382822/7	1000.0	243.648454	100.0	90230.0	0.243648	Y
8	STD8 580-382822/6	2000.0	484.384392	100.0	83852.0	0.242192	Y
9	STD9 580-382822/5	5000.0	1294.999413	100.0	85170.0	0.259	Y
10	STD10 580-382822/4	10000.0	2387.586728	100.0	88639.0	0.238759	Y



Calibration / Benzoic acid

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

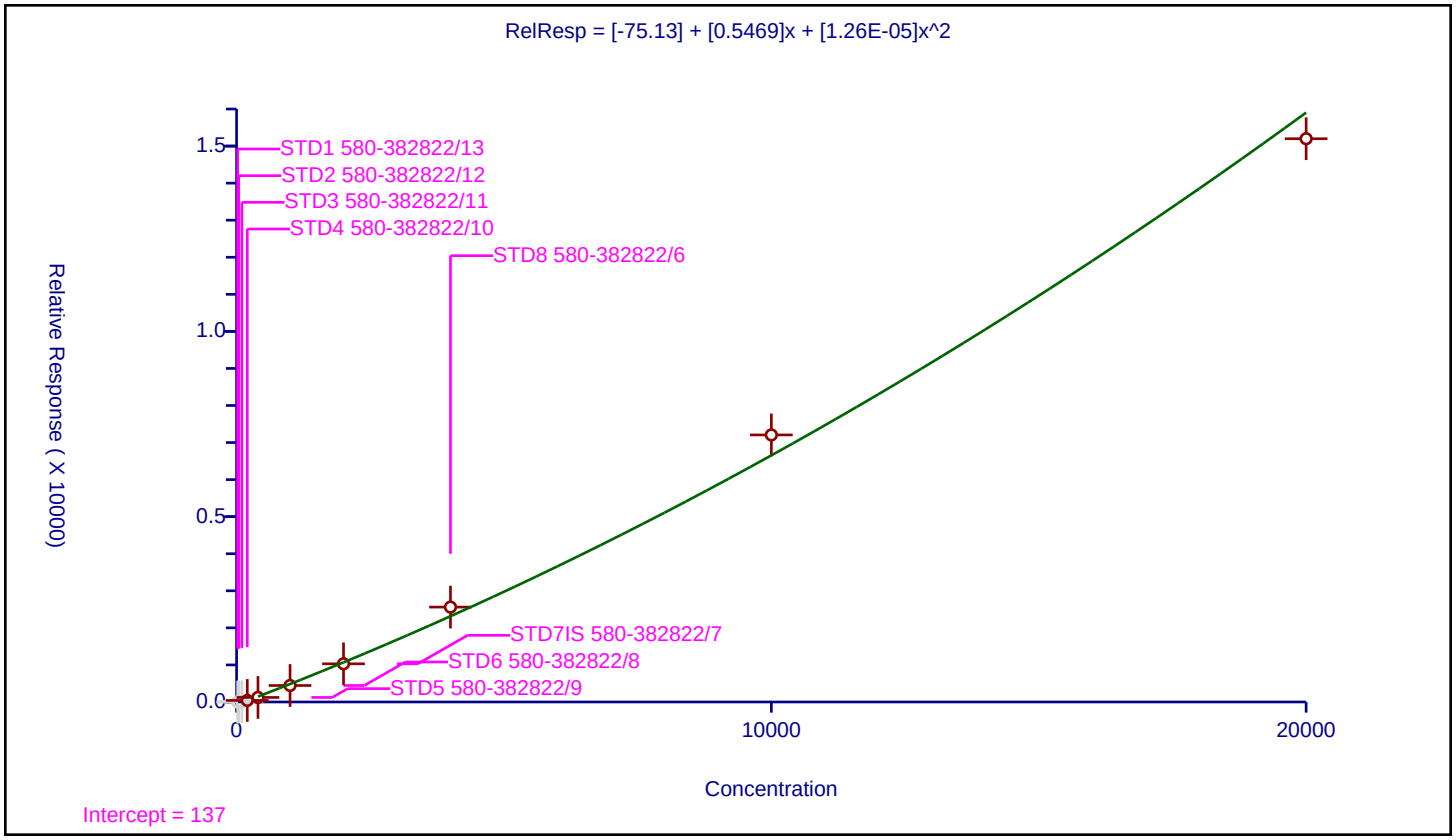
Curve Coefficients

Intercept:	-75.13
Slope:	0.5469
Second Order:	1.26E-05

Error Coefficients

Standard Error:	2030000
Relative Standard Error:	9.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	20.0	0.0	100.0	21497.0	0.0	N
2	STD2 580-382822/12	40.0	0.0	100.0	23253.0	0.0	N
3	STD3 580-382822/11	100.0	10.088828	100.0	26118.0	0.100888	N
4	STD4 580-382822/10	200.0	41.745342	100.0	23938.0	0.208727	Y
5	STD5 580-382822/9	400.0	122.40785	100.0	24661.0	0.30602	Y
6	STD6 580-382822/8	1000.0	445.180623	100.0	24028.0	0.445181	Y
7	STD7IS 580-382822/7	2000.0	1030.333489	100.0	25668.0	0.515167	Y
8	STD8 580-382822/6	4000.0	2560.820271	100.0	23285.0	0.640205	Y
9	STD9 580-382822/5	10000.0	7205.596861	100.0	24210.0	0.72056	Y
10	STD10 580-382822/4	20000.0	15198.776437	100.0	23783.0	0.759939	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

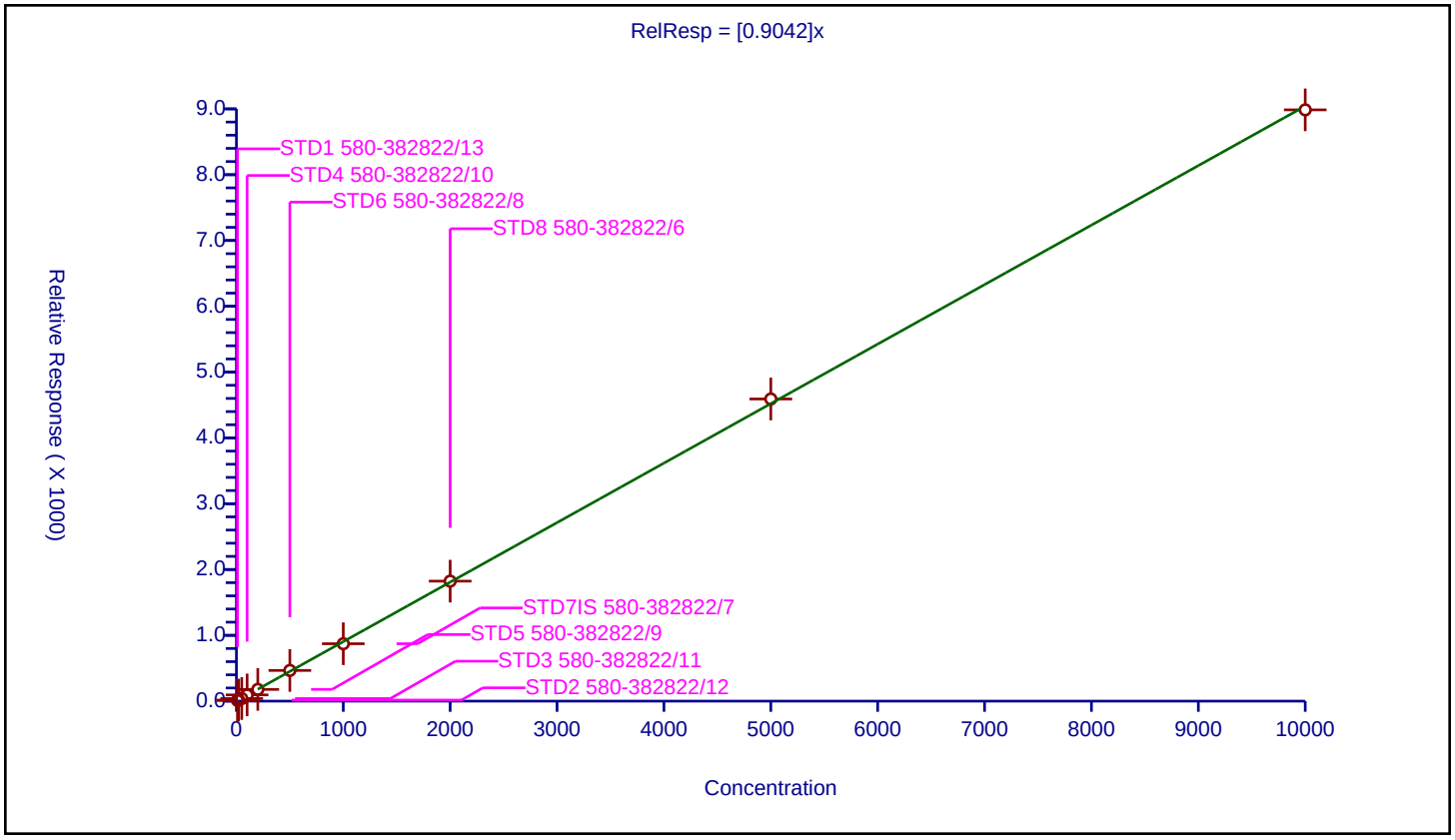
Curve Coefficients

Intercept:	0
Slope:	0.9042

Error Coefficients

Standard Error:	816000
Relative Standard Error:	8.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	10.773596	100.0	21497.0	1.07736	Y
2	STD2 580-382822/12	20.0	16.079646	100.0	23253.0	0.803982	Y
3	STD3 580-382822/11	50.0	39.444062	100.0	26118.0	0.788881	Y
4	STD4 580-382822/10	100.0	94.728047	100.0	23938.0	0.94728	Y
5	STD5 580-382822/9	200.0	178.139573	100.0	24661.0	0.890698	Y
6	STD6 580-382822/8	500.0	466.597303	100.0	24028.0	0.933195	Y
7	STD7IS 580-382822/7	1000.0	872.218326	100.0	25668.0	0.872218	Y
8	STD8 580-382822/6	2000.0	1823.53017	100.0	23285.0	0.911765	Y
9	STD9 580-382822/5	5000.0	4591.548947	100.0	24210.0	0.91831	Y
10	STD10 580-382822/4	10000.0	8985.443384	100.0	23783.0	0.898544	Y



Calibration / 2,4-Dichlorophenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

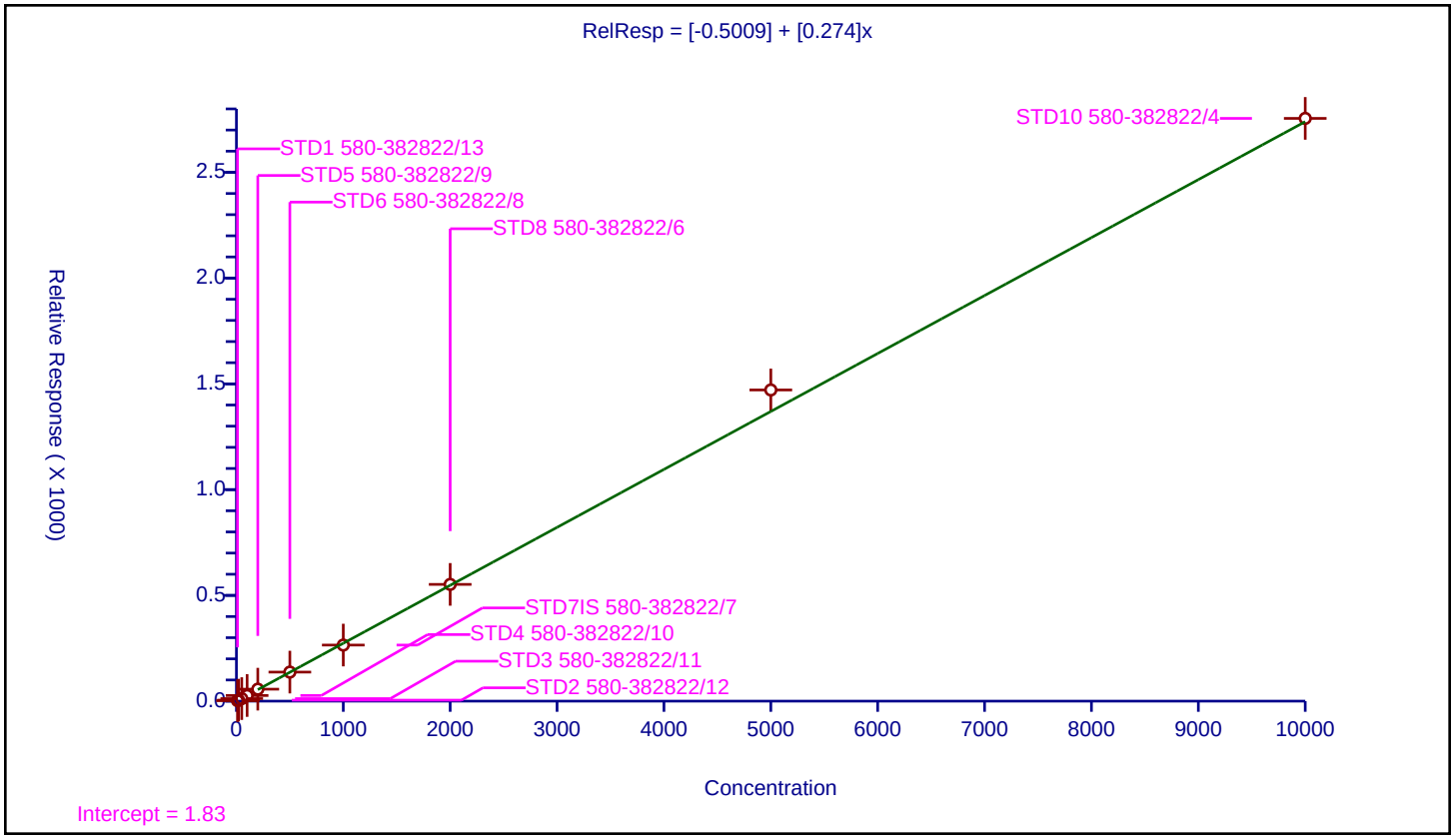
Curve Coefficients

Intercept:	-0.5009
Slope:	0.274

Error Coefficients

Standard Error:	988000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	2.351089	100.0	78134.0	0.235109	Y
2	STD2 580-382822/12	20.0	4.712884	100.0	80821.0	0.235644	Y
3	STD3 580-382822/11	50.0	11.977751	100.0	87195.0	0.239555	Y
4	STD4 580-382822/10	100.0	26.678112	100.0	82131.0	0.266781	Y
5	STD5 580-382822/9	200.0	56.571956	100.0	80174.0	0.28286	Y
6	STD6 580-382822/8	500.0	137.372775	100.0	84987.0	0.274746	Y
7	STD7IS 580-382822/7	1000.0	265.108057	100.0	90230.0	0.265108	Y
8	STD8 580-382822/6	2000.0	551.922435	100.0	83852.0	0.275961	Y
9	STD9 580-382822/5	5000.0	1471.179993	100.0	85170.0	0.294236	Y
10	STD10 580-382822/4	10000.0	2755.045747	100.0	88639.0	0.275505	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

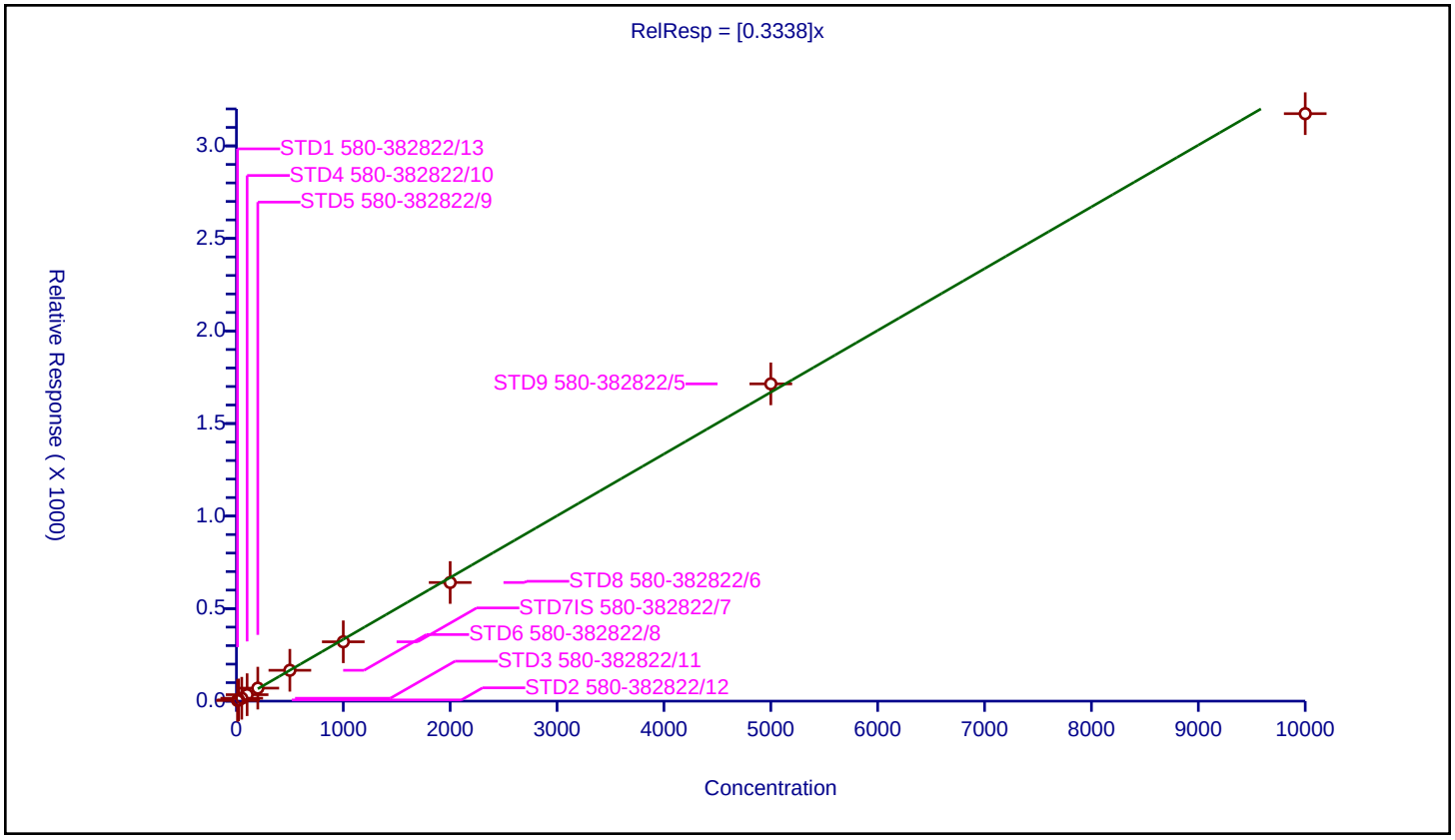
Curve Coefficients

Intercept:	0
Slope:	0.3338

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	3.64758	100.0	78134.0	0.364758	Y
2	STD2 580-382822/12	20.0	6.555227	100.0	80821.0	0.327761	Y
3	STD3 580-382822/11	50.0	15.555938	100.0	87195.0	0.311119	Y
4	STD4 580-382822/10	100.0	34.840681	100.0	82131.0	0.348407	Y
5	STD5 580-382822/9	200.0	70.249707	100.0	80174.0	0.351249	Y
6	STD6 580-382822/8	500.0	166.738442	100.0	84987.0	0.333477	Y
7	STD7IS 580-382822/7	1000.0	320.680483	100.0	90230.0	0.32068	Y
8	STD8 580-382822/6	2000.0	641.015122	100.0	83852.0	0.320508	Y
9	STD9 580-382822/5	5000.0	1714.338382	100.0	85170.0	0.342868	Y
10	STD10 580-382822/4	10000.0	3174.291226	100.0	88639.0	0.317429	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

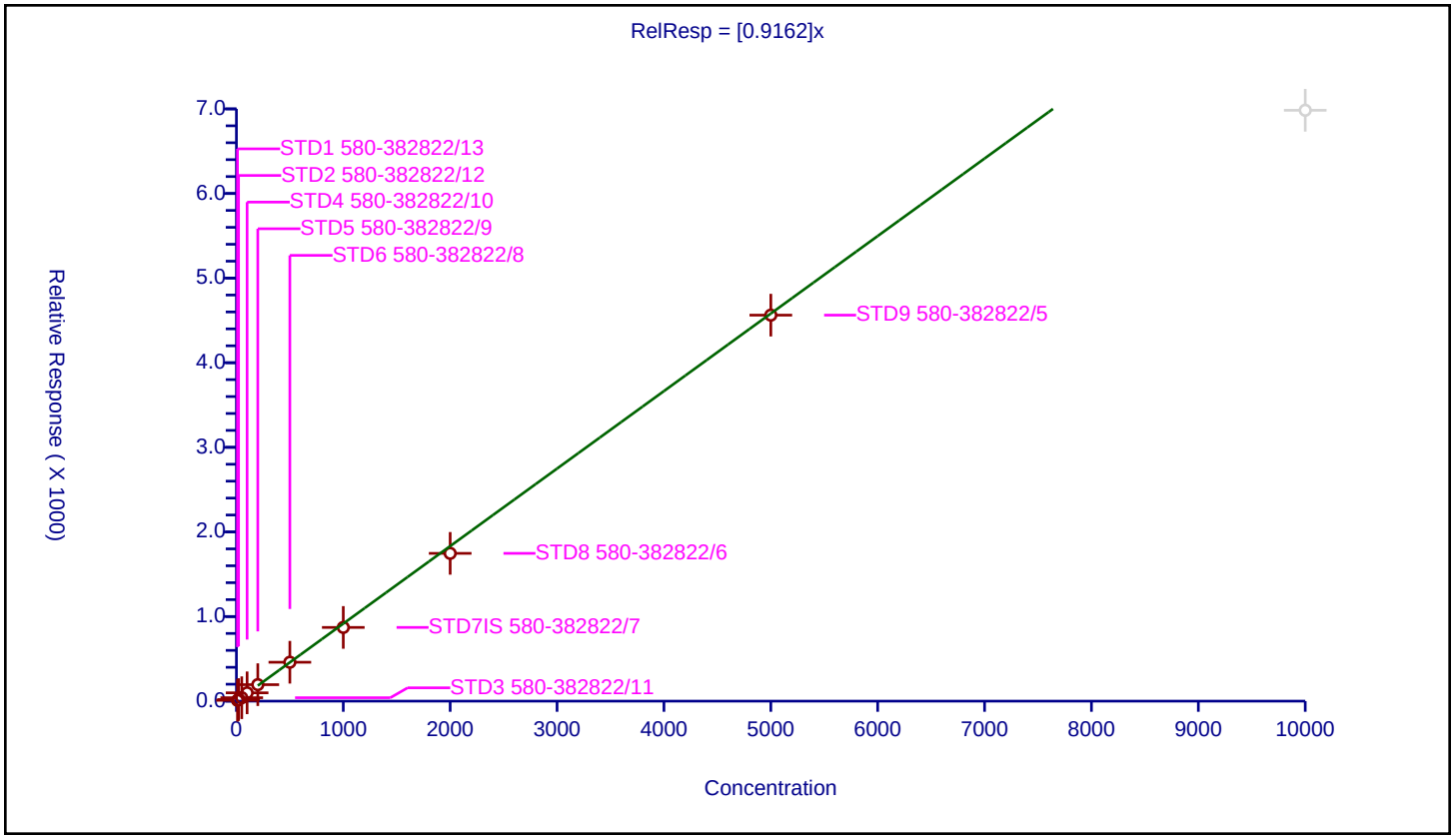
Curve Coefficients

Intercept:	0
Slope:	0.9162

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	6.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	9.744797	100.0	78134.0	0.97448	Y
2	STD2 580-382822/12	20.0	18.511278	100.0	80821.0	0.925564	Y
3	STD3 580-382822/11	50.0	40.551637	100.0	87195.0	0.811033	Y
4	STD4 580-382822/10	100.0	98.401334	100.0	82131.0	0.984013	Y
5	STD5 580-382822/9	200.0	194.843715	100.0	80174.0	0.974219	Y
6	STD6 580-382822/8	500.0	459.837387	100.0	84987.0	0.919675	Y
7	STD7IS 580-382822/7	1000.0	871.093871	100.0	90230.0	0.871094	Y
8	STD8 580-382822/6	2000.0	1746.553451	100.0	83852.0	0.873277	Y
9	STD9 580-382822/5	5000.0	4562.215569	100.0	85170.0	0.912443	Y
10	STD10 580-382822/4	10000.0	6983.662947	100.0	88639.0	0.698366	N



Calibration / 2,6-Dichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

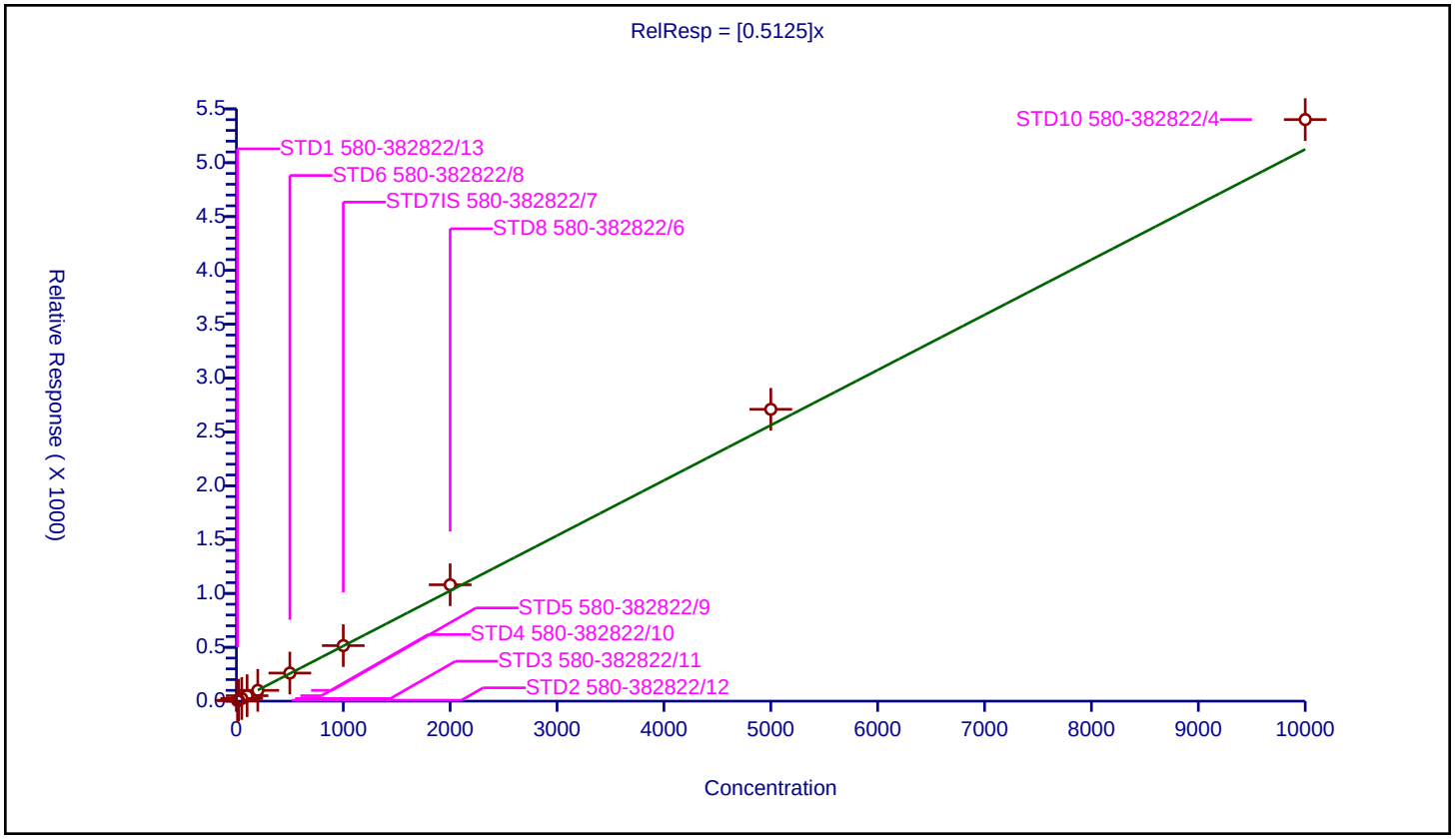
Curve Coefficients

Intercept:	0
Slope:	0.5125

Error Coefficients

Standard Error:	930000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	5.298831	100.0	39688.0	0.529883	Y
2	STD2 580-382822/12	20.0	8.899109	100.0	41094.0	0.444955	Y
3	STD3 580-382822/11	50.0	24.249191	100.0	43886.0	0.484984	Y
4	STD4 580-382822/10	100.0	50.478271	100.0	43490.0	0.504783	Y
5	STD5 580-382822/9	200.0	100.080835	100.0	44535.0	0.500404	Y
6	STD6 580-382822/8	500.0	260.844666	100.0	45225.0	0.521689	Y
7	STD7IS 580-382822/7	1000.0	515.664611	100.0	46704.0	0.515665	Y
8	STD8 580-382822/6	2000.0	1080.65058	100.0	42270.0	0.540325	Y
9	STD9 580-382822/5	5000.0	2710.17849	100.0	46333.0	0.542036	Y
10	STD10 580-382822/4	10000.0	5400.758564	100.0	45217.0	0.540076	Y



Calibration / 4-Chloroaniline

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

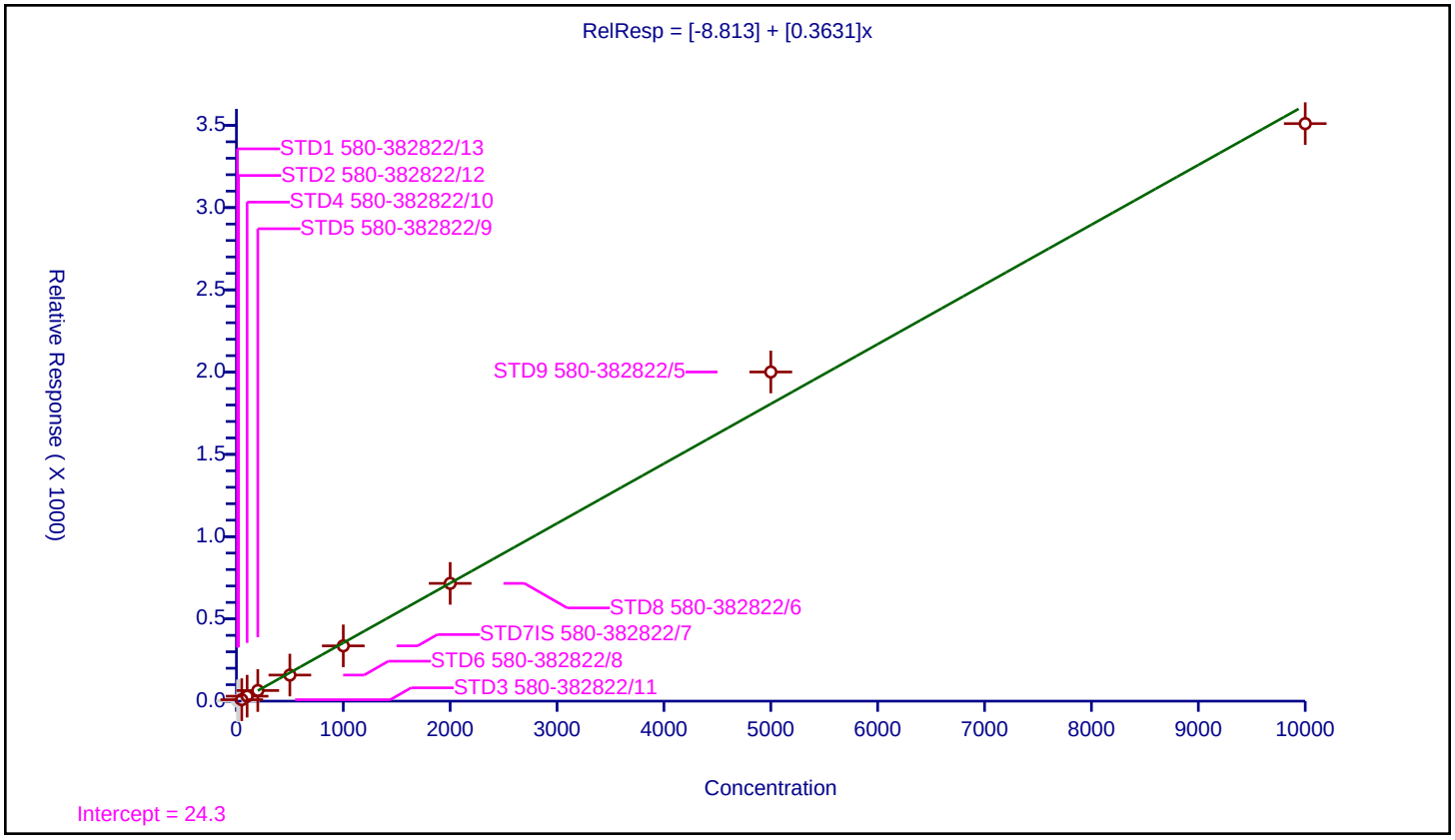
Curve Coefficients

Intercept:	-8.813
Slope:	0.3631

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	6.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	1.096834	100.0	78134.0	0.109683	N
2	STD2 580-382822/12	20.0	3.835637	100.0	80821.0	0.191782	N
3	STD3 580-382822/11	50.0	8.791789	100.0	87195.0	0.175836	Y
4	STD4 580-382822/10	100.0	30.202968	100.0	82131.0	0.30203	Y
5	STD5 580-382822/9	200.0	64.552099	100.0	80174.0	0.32276	Y
6	STD6 580-382822/8	500.0	158.651323	100.0	84987.0	0.317303	Y
7	STD7IS 580-382822/7	1000.0	335.972515	100.0	90230.0	0.335973	Y
8	STD8 580-382822/6	2000.0	715.806421	100.0	83852.0	0.357903	Y
9	STD9 580-382822/5	5000.0	2000.727956	100.0	85170.0	0.400146	Y
10	STD10 580-382822/4	10000.0	3510.461535	100.0	88639.0	0.351046	Y



Calibration / Hexachlorobutadiene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

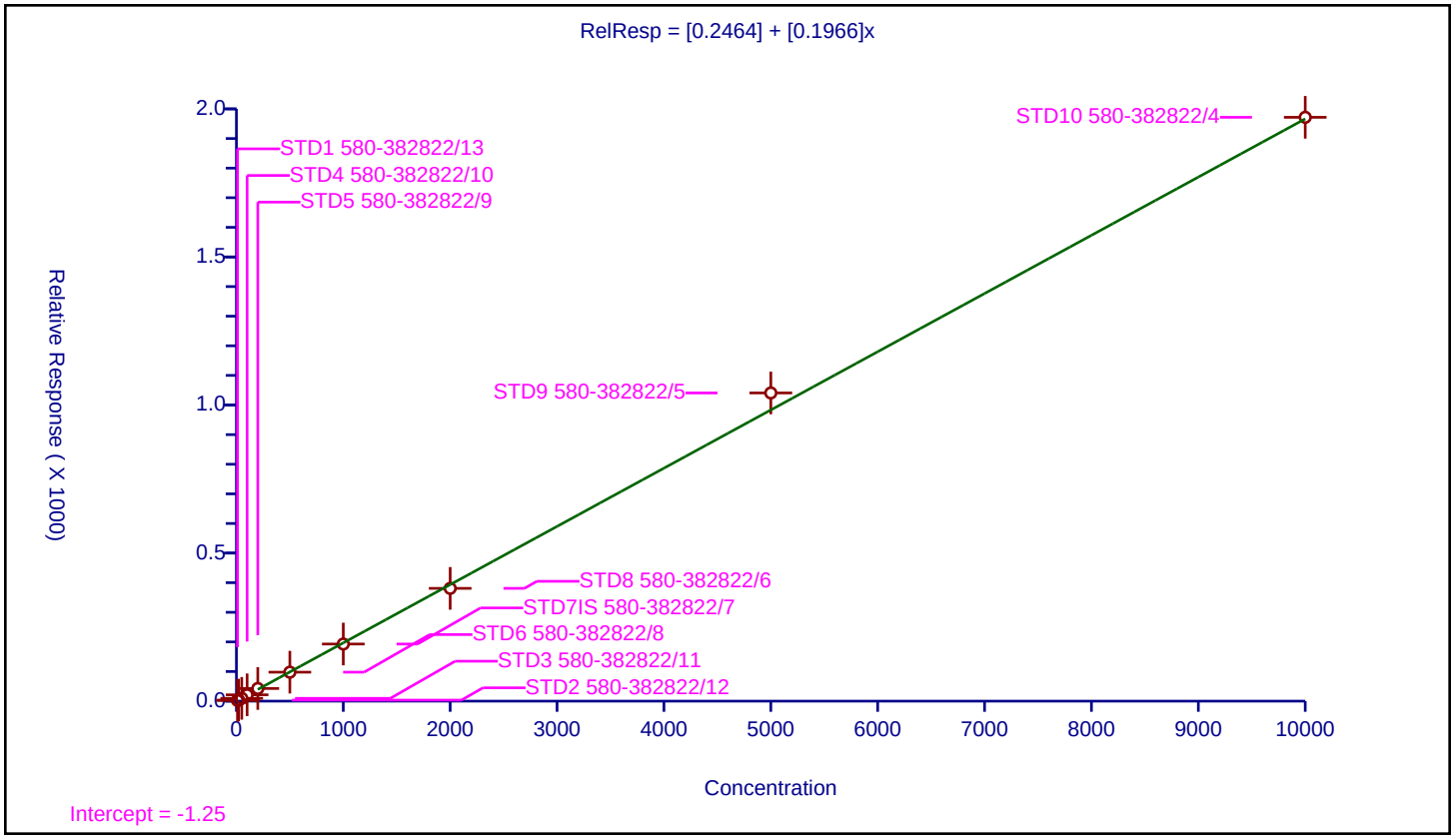
Curve Coefficients

Intercept:	0.2464
Slope:	0.1966

Error Coefficients

Standard Error:	705000
Relative Standard Error:	9.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	2.401003	100.0	78134.0	0.2401	Y
2	STD2 580-382822/12	20.0	3.437225	100.0	80821.0	0.171861	Y
3	STD3 580-382822/11	50.0	9.45123	100.0	87195.0	0.189025	Y
4	STD4 580-382822/10	100.0	21.398741	100.0	82131.0	0.213987	Y
5	STD5 580-382822/9	200.0	42.687155	100.0	80174.0	0.213436	Y
6	STD6 580-382822/8	500.0	97.810253	100.0	84987.0	0.195621	Y
7	STD7IS 580-382822/7	1000.0	192.905907	100.0	90230.0	0.192906	Y
8	STD8 580-382822/6	2000.0	380.817393	100.0	83852.0	0.190409	Y
9	STD9 580-382822/5	5000.0	1040.778443	100.0	85170.0	0.208156	Y
10	STD10 580-382822/4	10000.0	1971.543	100.0	88639.0	0.197154	Y



Calibration / 4-Chloro-3-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

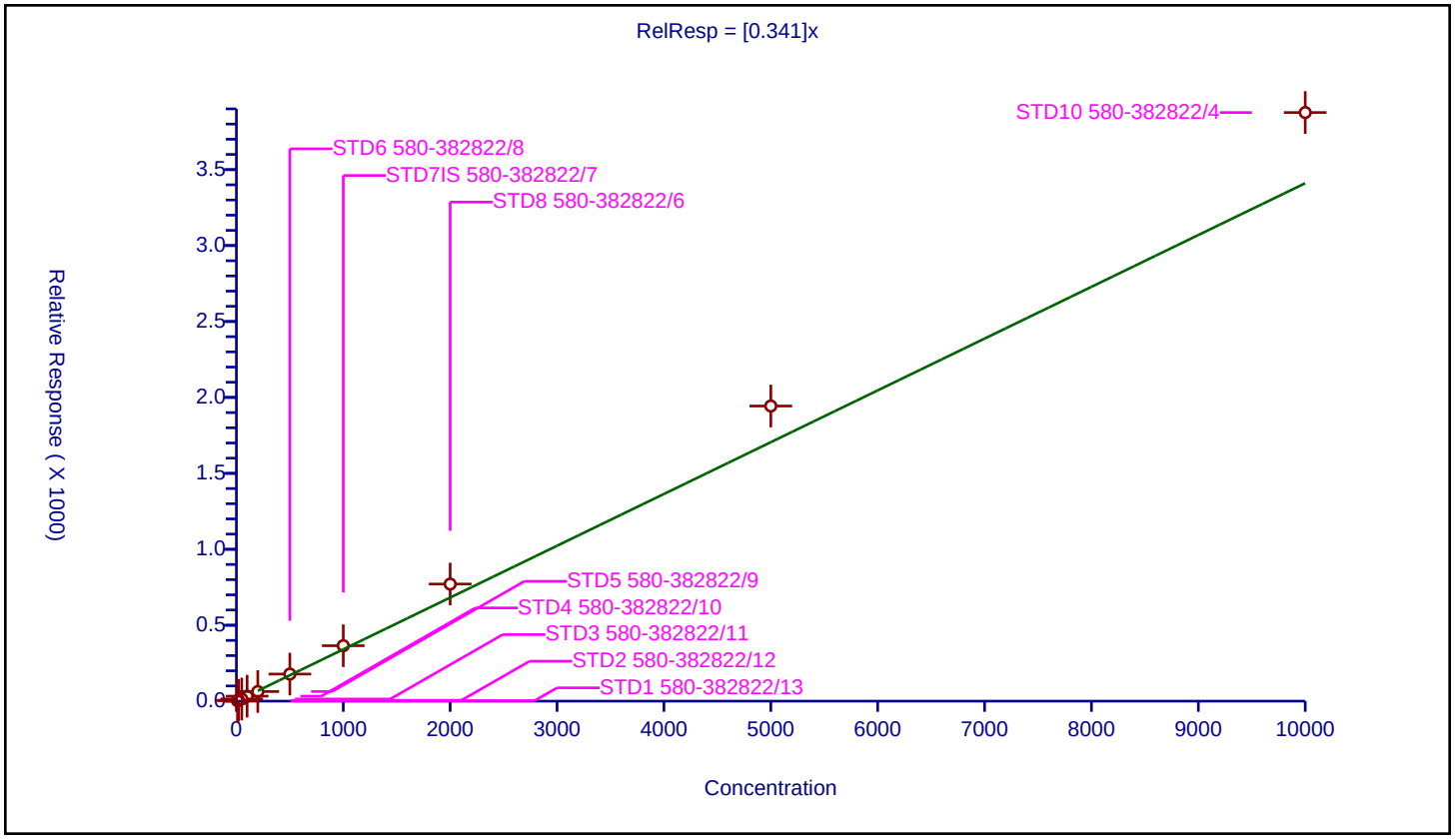
Curve Coefficients

Intercept:	0
Slope:	0.341

Error Coefficients

Standard Error:	667000
Relative Standard Error:	12.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	3.19492	100.0	39688.0	0.319492	Y
2	STD2 580-382822/12	20.0	5.621259	100.0	41094.0	0.281063	Y
3	STD3 580-382822/11	50.0	14.095611	100.0	43886.0	0.281912	Y
4	STD4 580-382822/10	100.0	32.846631	100.0	43490.0	0.328466	Y
5	STD5 580-382822/9	200.0	63.184013	100.0	44535.0	0.31592	Y
6	STD6 580-382822/8	500.0	178.299613	100.0	45225.0	0.356599	Y
7	STD7IS 580-382822/7	1000.0	365.097208	100.0	46704.0	0.365097	Y
8	STD8 580-382822/6	2000.0	771.088242	100.0	42270.0	0.385544	Y
9	STD9 580-382822/5	5000.0	1943.344916	100.0	46333.0	0.388669	Y
10	STD10 580-382822/4	10000.0	3875.944888	100.0	45217.0	0.387594	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

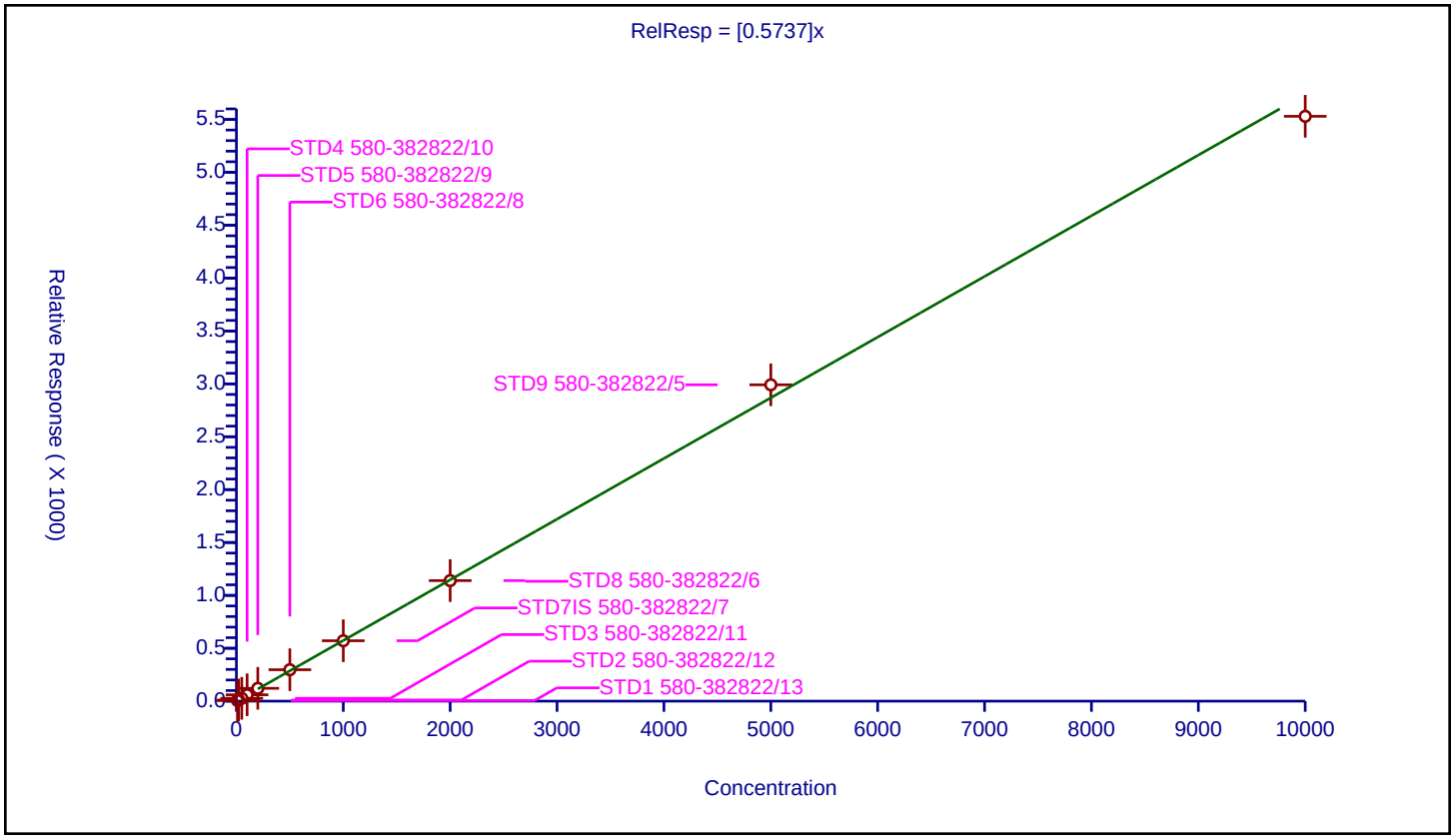
Curve Coefficients

Intercept:	0
Slope:	0.5737

Error Coefficients

Standard Error:	1880000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	5.72862	100.0	78134.0	0.572862	Y
2	STD2 580-382822/12	20.0	10.687816	100.0	80821.0	0.534391	Y
3	STD3 580-382822/11	50.0	26.801996	100.0	87195.0	0.53604	Y
4	STD4 580-382822/10	100.0	60.106415	100.0	82131.0	0.601064	Y
5	STD5 580-382822/9	200.0	121.207623	100.0	80174.0	0.606038	Y
6	STD6 580-382822/8	500.0	297.074847	100.0	84987.0	0.59415	Y
7	STD7IS 580-382822/7	1000.0	571.027374	100.0	90230.0	0.571027	Y
8	STD8 580-382822/6	2000.0	1139.610266	100.0	83852.0	0.569805	Y
9	STD9 580-382822/5	5000.0	2991.169426	100.0	85170.0	0.598234	Y
10	STD10 580-382822/4	10000.0	5529.934905	100.0	88639.0	0.552993	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

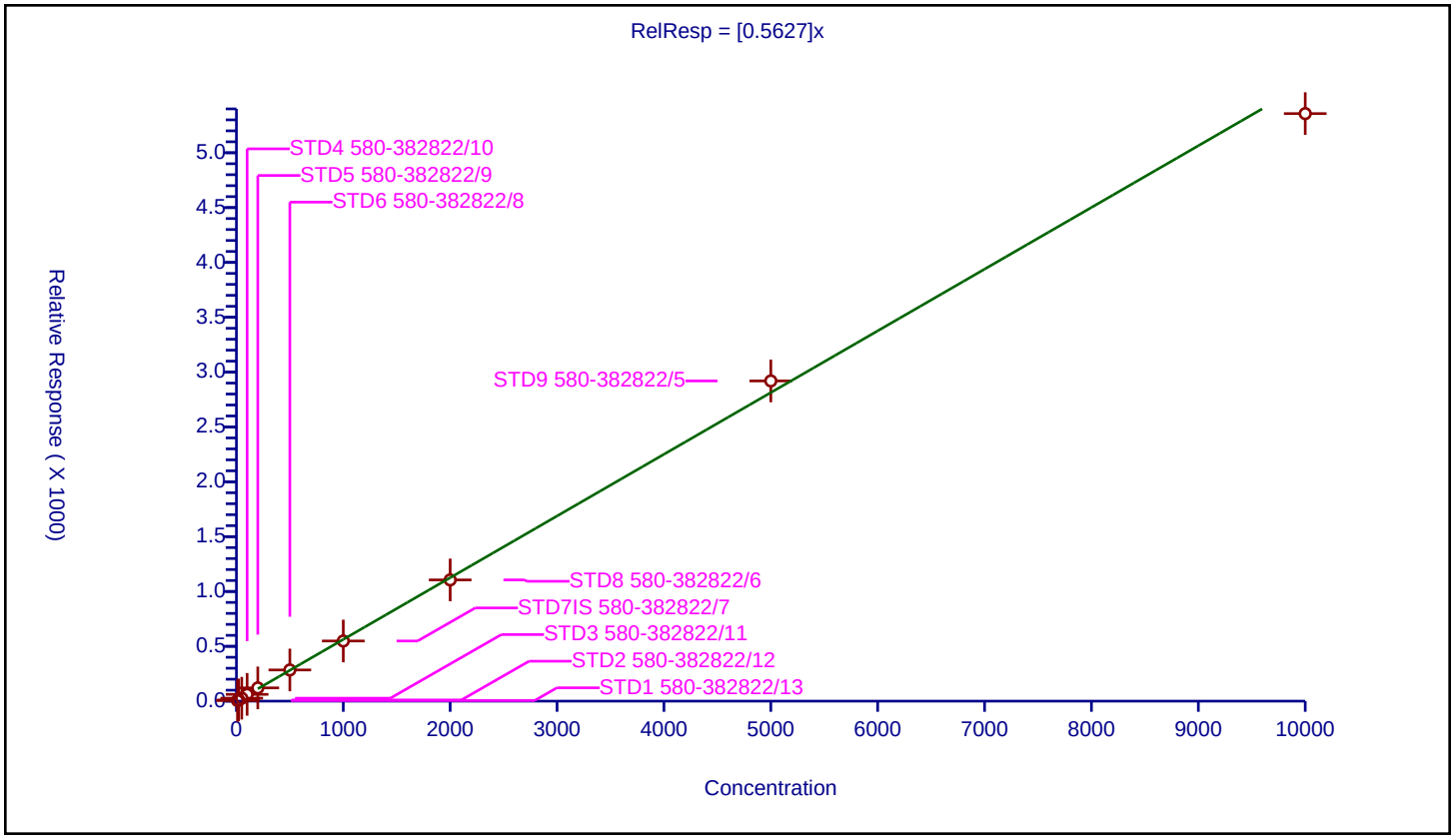
Curve Coefficients

Intercept:	0
Slope:	0.5627

Error Coefficients

Standard Error:	1820000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	5.429135	100.0	78134.0	0.542913	Y
2	STD2 580-382822/12	20.0	10.747207	100.0	80821.0	0.53736	Y
3	STD3 580-382822/11	50.0	26.748093	100.0	87195.0	0.534962	Y
4	STD4 580-382822/10	100.0	61.908415	100.0	82131.0	0.619084	Y
5	STD5 580-382822/9	200.0	120.691247	100.0	80174.0	0.603456	Y
6	STD6 580-382822/8	500.0	284.150517	100.0	84987.0	0.568301	Y
7	STD7IS 580-382822/7	1000.0	548.442868	100.0	90230.0	0.548443	Y
8	STD8 580-382822/6	2000.0	1105.223489	100.0	83852.0	0.552612	Y
9	STD9 580-382822/5	5000.0	2919.682987	100.0	85170.0	0.583937	Y
10	STD10 580-382822/4	10000.0	5356.925281	100.0	88639.0	0.535693	Y



Calibration / 1,2,4,5-Tetrachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

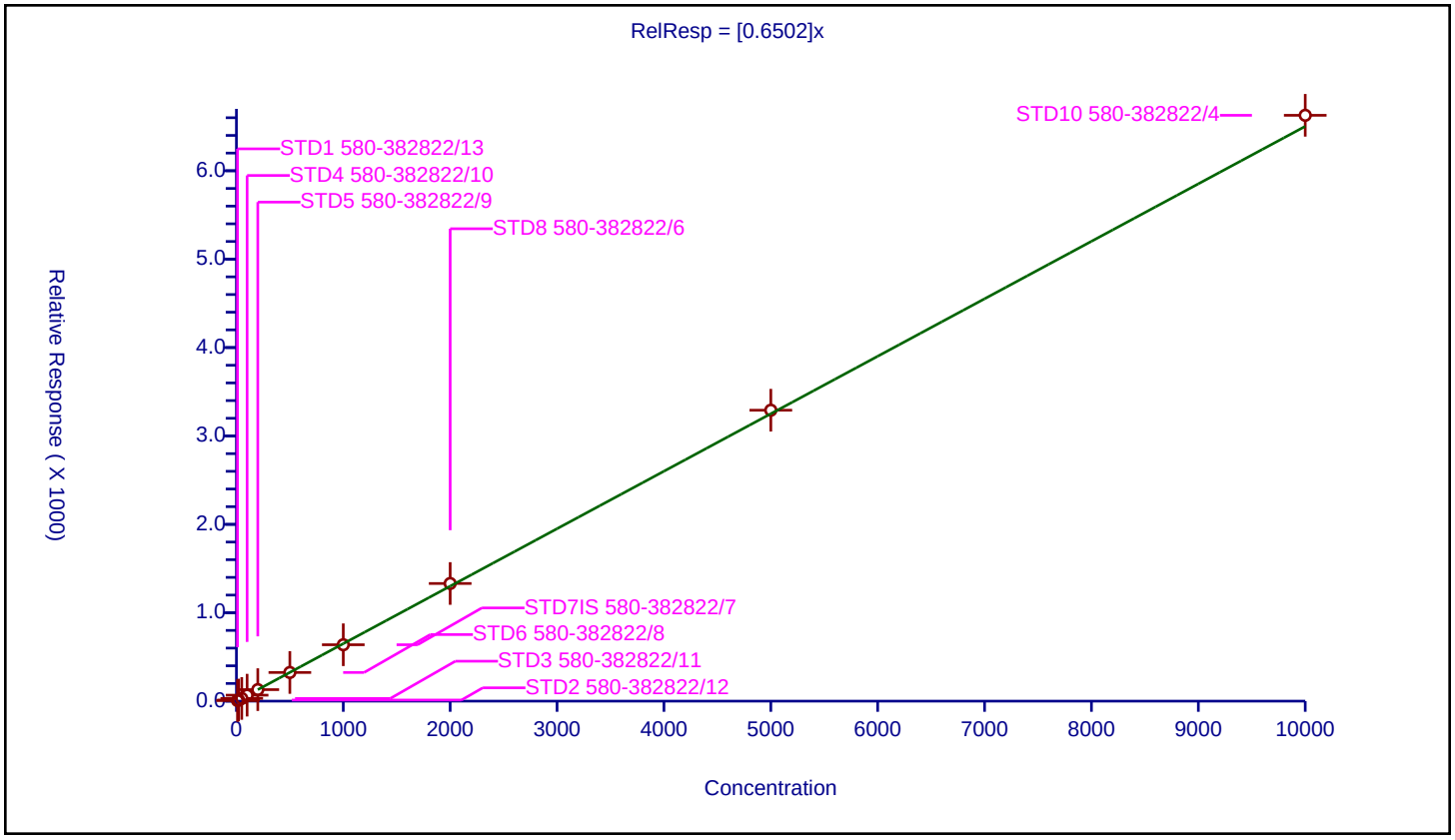
Curve Coefficients

Intercept:	0
Slope:	0.6502

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	6.742592	100.0	39688.0	0.674259	Y
2	STD2 580-382822/12	20.0	12.354602	100.0	41094.0	0.61773	Y
3	STD3 580-382822/11	50.0	30.463018	100.0	43886.0	0.60926	Y
4	STD4 580-382822/10	100.0	67.647735	100.0	43490.0	0.676477	Y
5	STD5 580-382822/9	200.0	130.324464	100.0	44535.0	0.651622	Y
6	STD6 580-382822/8	500.0	324.309563	100.0	45225.0	0.648619	Y
7	STD7IS 580-382822/7	1000.0	637.923947	100.0	46704.0	0.637924	Y
8	STD8 580-382822/6	2000.0	1330.870594	100.0	42270.0	0.665435	Y
9	STD9 580-382822/5	5000.0	3291.25893	100.0	46333.0	0.658252	Y
10	STD10 580-382822/4	10000.0	6627.509565	100.0	45217.0	0.662751	Y



Calibration / Hexachlorocyclopentadiene

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

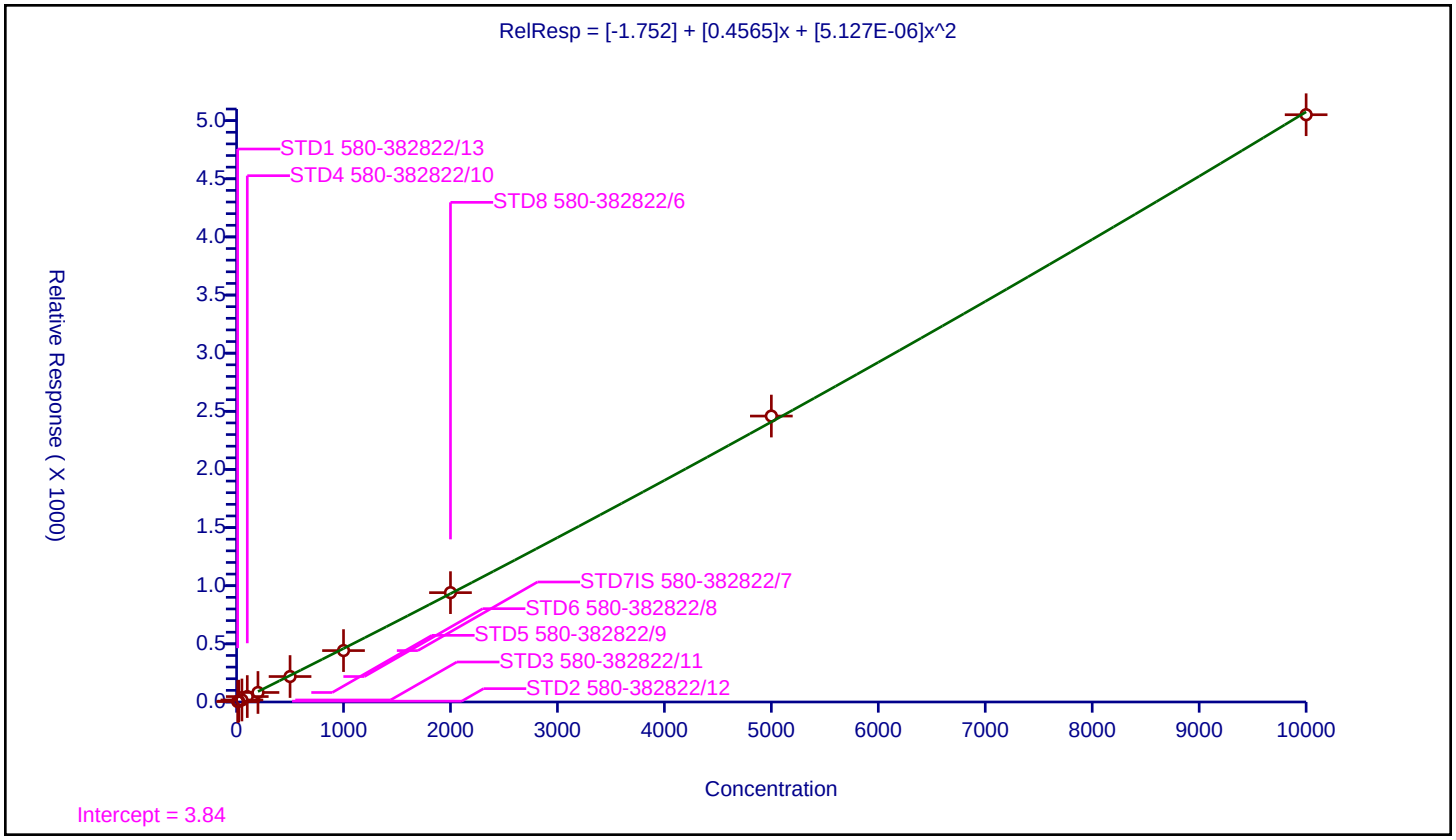
Curve Coefficients

Intercept:	-1.752
Slope:	0.4565
Second Order:	5.127E-06

Error Coefficients

Standard Error:	978000
Relative Standard Error:	12.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	4.026406	100.0	39688.0	0.402641	Y
2	STD2 580-382822/12	20.0	7.18353	100.0	41094.0	0.359177	Y
3	STD3 580-382822/11	50.0	17.36089	100.0	43886.0	0.347218	Y
4	STD4 580-382822/10	100.0	46.585422	100.0	43490.0	0.465854	Y
5	STD5 580-382822/9	200.0	81.713259	100.0	44535.0	0.408566	Y
6	STD6 580-382822/8	500.0	218.878939	100.0	45225.0	0.437758	Y
7	STD7IS 580-382822/7	1000.0	442.13986	100.0	46704.0	0.44214	Y
8	STD8 580-382822/6	2000.0	940.501538	100.0	42270.0	0.470251	Y
9	STD9 580-382822/5	5000.0	2459.158699	100.0	46333.0	0.491832	Y
10	STD10 580-382822/4	10000.0	5050.88794	100.0	45217.0	0.505089	Y



Calibration / 2,4,6-Trichlorophenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

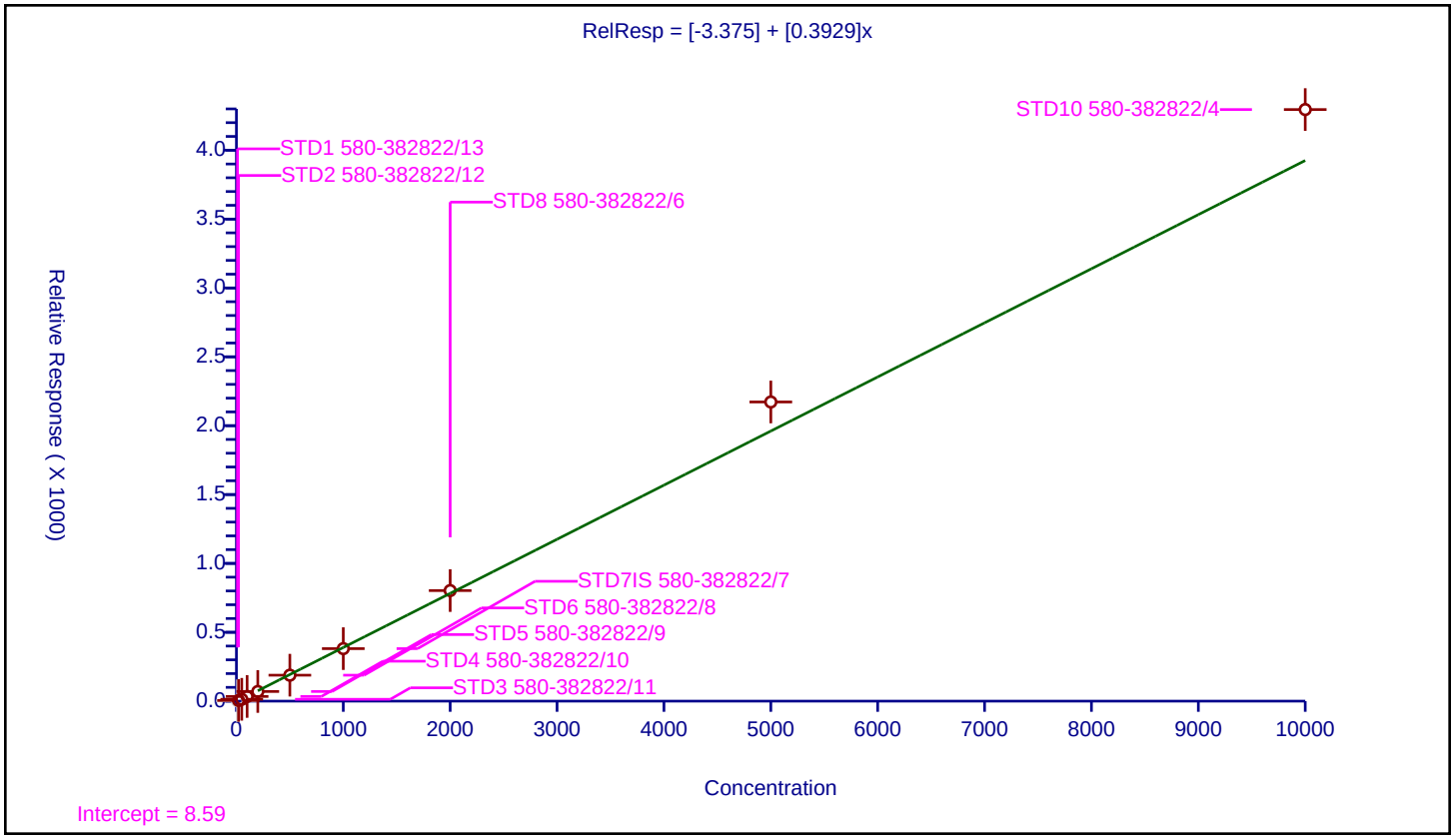
Curve Coefficients

Intercept:	-3.375
Slope:	0.3929

Error Coefficients

Standard Error:	838000
Relative Standard Error:	8.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	2.713667	100.0	39688.0	0.271367	N
2	STD2 580-382822/12	20.0	5.061566	100.0	41094.0	0.253078	Y
3	STD3 580-382822/11	50.0	13.471266	100.0	43886.0	0.269425	Y
4	STD4 580-382822/10	100.0	34.00092	100.0	43490.0	0.340009	Y
5	STD5 580-382822/9	200.0	70.01235	100.0	44535.0	0.350062	Y
6	STD6 580-382822/8	500.0	188.373687	100.0	45225.0	0.376747	Y
7	STD7IS 580-382822/7	1000.0	381.292823	100.0	46704.0	0.381293	Y
8	STD8 580-382822/6	2000.0	802.864916	100.0	42270.0	0.401432	Y
9	STD9 580-382822/5	5000.0	2172.082533	100.0	46333.0	0.434417	Y
10	STD10 580-382822/4	10000.0	4295.161112	100.0	45217.0	0.429516	Y



Calibration / 2,4,5-Trichlorophenol

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

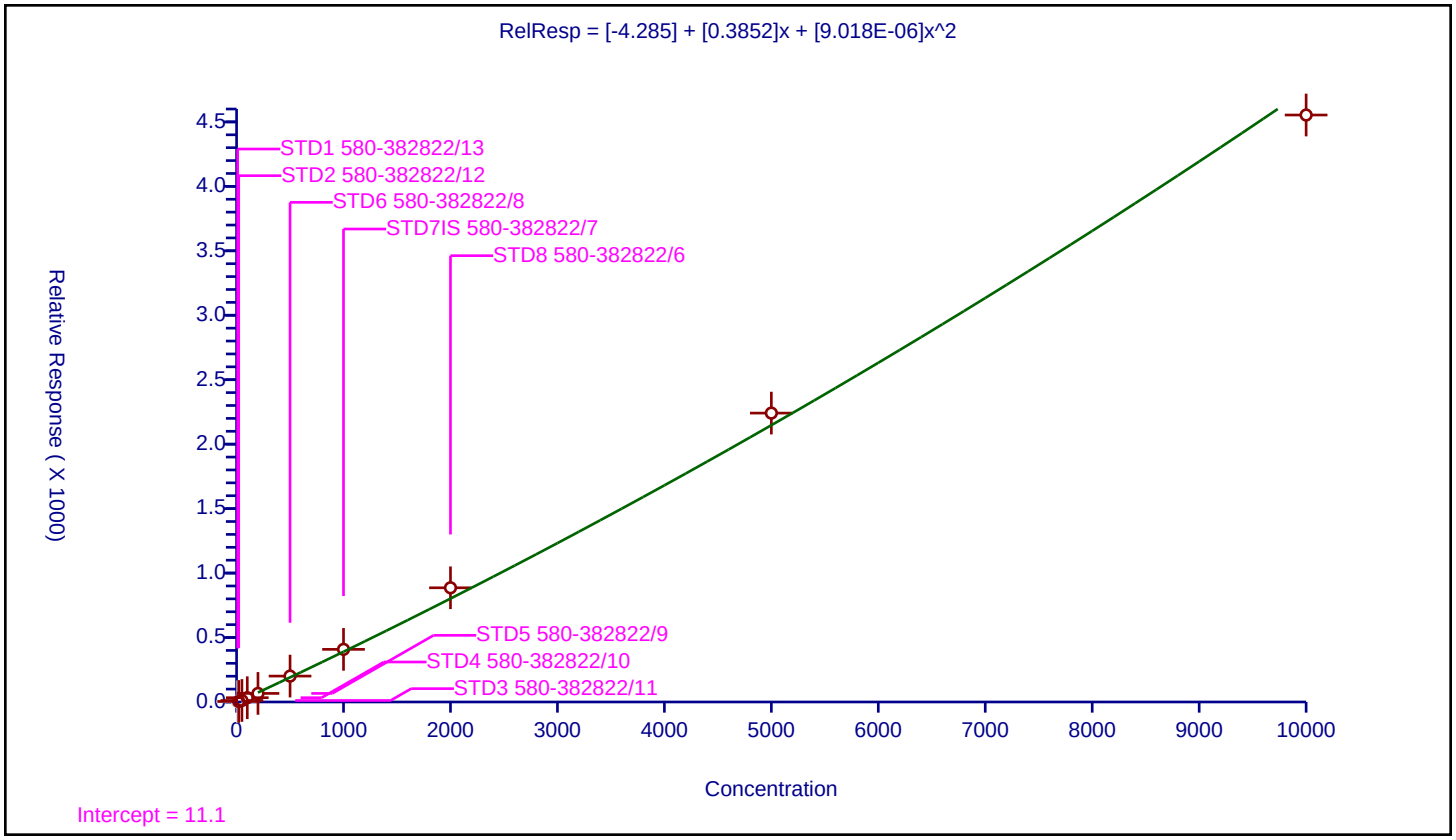
Curve Coefficients

Intercept:	-4.285
Slope:	0.3852
Second Order:	9.018E-06

Error Coefficients

Standard Error:	956000
Relative Standard Error:	10.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	1.884701	100.0	39688.0	0.18847	N
2	STD2 580-382822/12	20.0	4.029785	100.0	41094.0	0.201489	Y
3	STD3 580-382822/11	50.0	11.680262	100.0	43886.0	0.233605	Y
4	STD4 580-382822/10	100.0	33.267418	100.0	43490.0	0.332674	Y
5	STD5 580-382822/9	200.0	66.412934	100.0	44535.0	0.332065	Y
6	STD6 580-382822/8	500.0	200.877833	100.0	45225.0	0.401756	Y
7	STD7IS 580-382822/7	1000.0	408.318345	100.0	46704.0	0.408318	Y
8	STD8 580-382822/6	2000.0	885.810267	100.0	42270.0	0.442905	Y
9	STD9 580-382822/5	5000.0	2241.152095	100.0	46333.0	0.44823	Y
10	STD10 580-382822/4	10000.0	4553.431232	100.0	45217.0	0.455343	Y



Calibration / 2-Fluorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

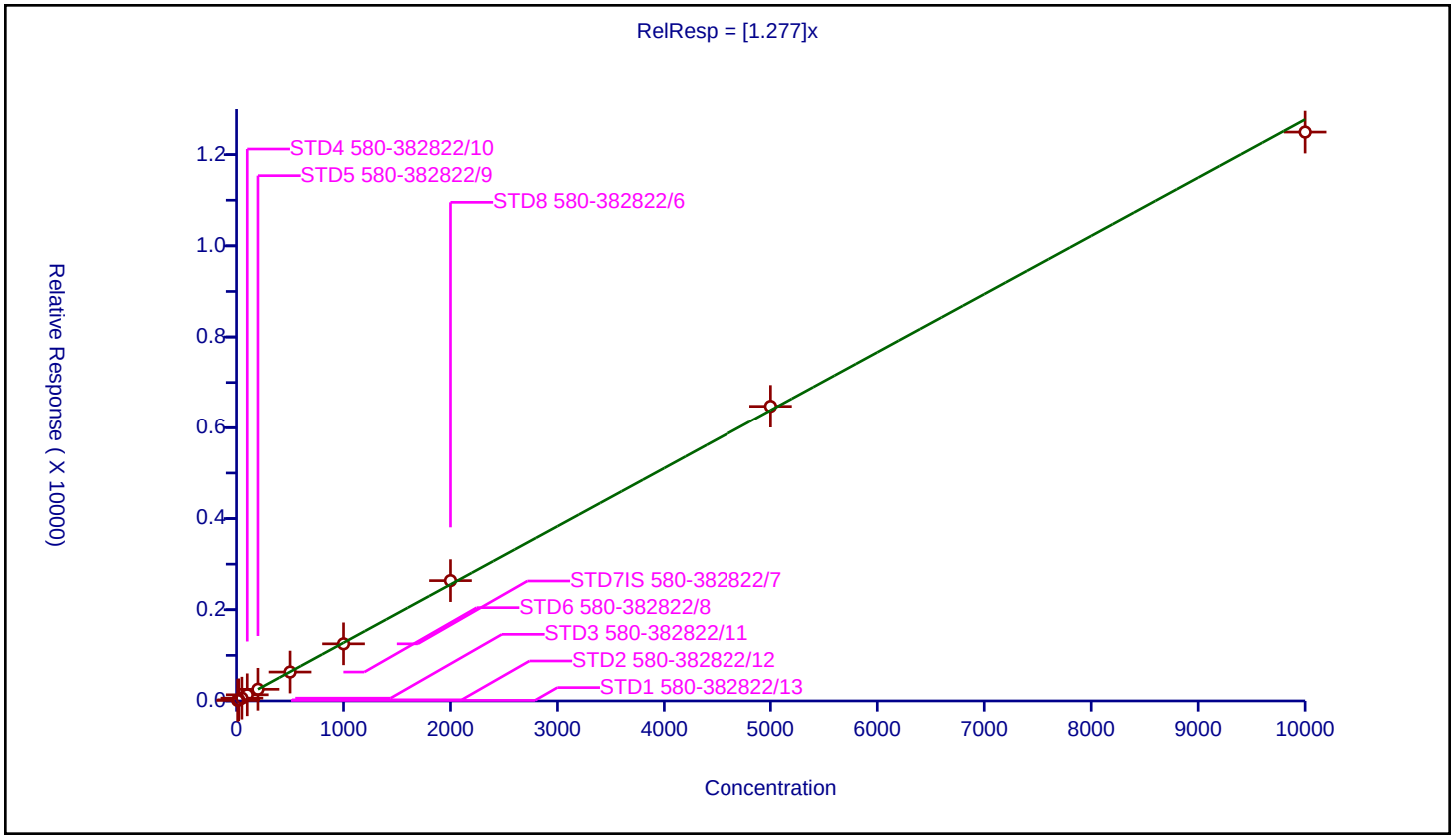
Curve Coefficients

Intercept:	0
Slope:	1.277

Error Coefficients

Standard Error:	2170000
Relative Standard Error:	2.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	12.699053	100.0	39688.0	1.269905	Y
2	STD2 580-382822/12	20.0	25.261595	100.0	41094.0	1.26308	Y
3	STD3 580-382822/11	50.0	61.263273	100.0	43886.0	1.225265	Y
4	STD4 580-382822/10	100.0	135.07243	100.0	43490.0	1.350724	Y
5	STD5 580-382822/9	200.0	255.816773	100.0	44535.0	1.279084	Y
6	STD6 580-382822/8	500.0	633.967938	100.0	45225.0	1.267936	Y
7	STD7IS 580-382822/7	1000.0	1253.350891	100.0	46704.0	1.253351	Y
8	STD8 580-382822/6	2000.0	2638.930684	100.0	42270.0	1.319465	Y
9	STD9 580-382822/5	5000.0	6474.247297	100.0	46333.0	1.294849	Y
10	STD10 580-382822/4	10000.0	12494.851494	100.0	45217.0	1.249485	Y



Calibration / 1,1'-Biphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

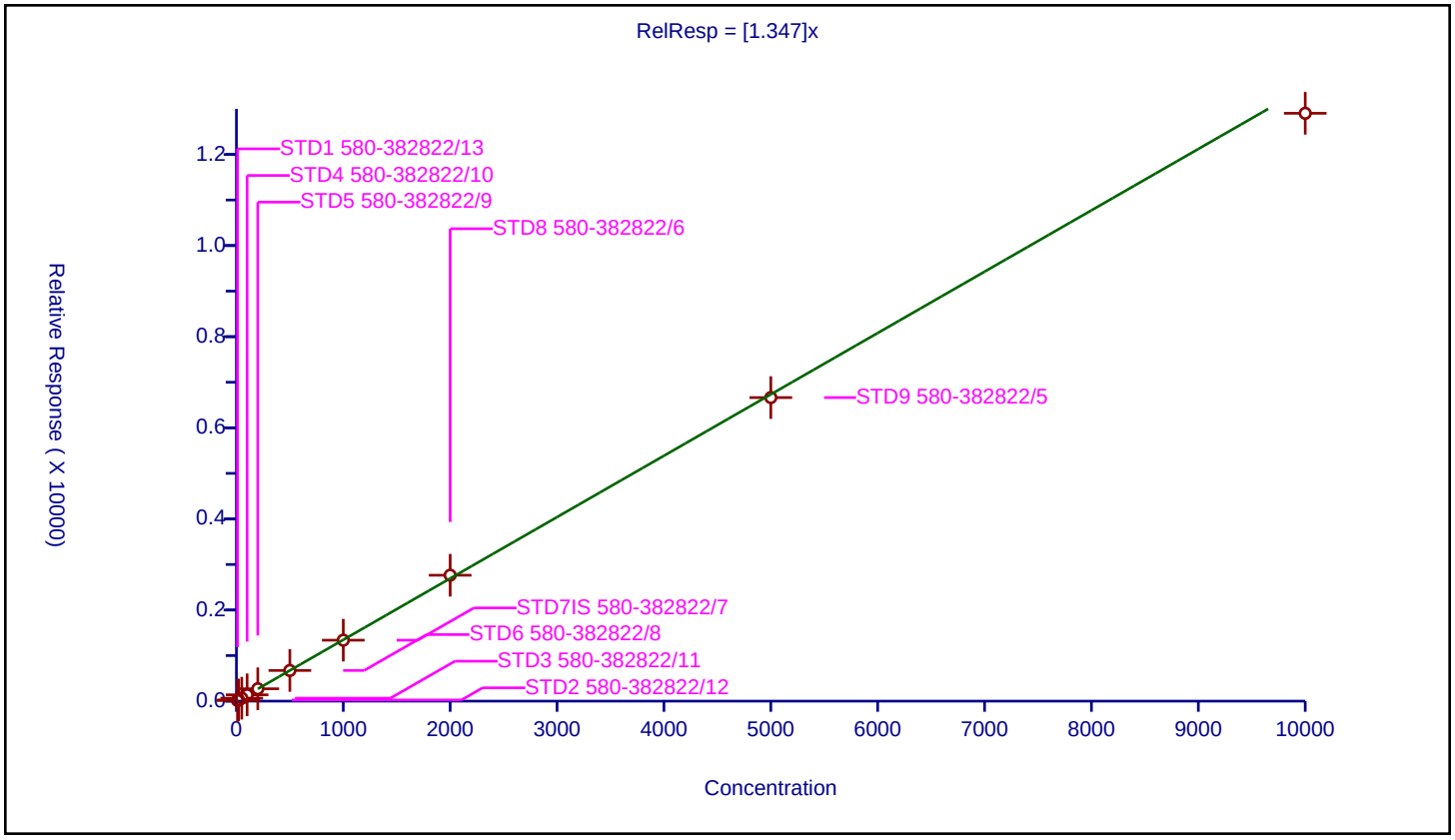
Curve Coefficients

Intercept:	0
Slope:	1.347

Error Coefficients

Standard Error:	2240000
Relative Standard Error:	4.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	14.641705	100.0	39688.0	1.464171	Y
2	STD2 580-382822/12	20.0	25.461138	100.0	41094.0	1.273057	Y
3	STD3 580-382822/11	50.0	64.745021	100.0	43886.0	1.2949	Y
4	STD4 580-382822/10	100.0	138.590481	100.0	43490.0	1.385905	Y
5	STD5 580-382822/9	200.0	271.824408	100.0	44535.0	1.359122	Y
6	STD6 580-382822/8	500.0	673.331122	100.0	45225.0	1.346662	Y
7	STD7IS 580-382822/7	1000.0	1337.983899	100.0	46704.0	1.337984	Y
8	STD8 580-382822/6	2000.0	2763.799385	100.0	42270.0	1.3819	Y
9	STD9 580-382822/5	5000.0	6663.518443	100.0	46333.0	1.332704	Y
10	STD10 580-382822/4	10000.0	12903.284163	100.0	45217.0	1.290328	Y



Calibration / 2-Chloronaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

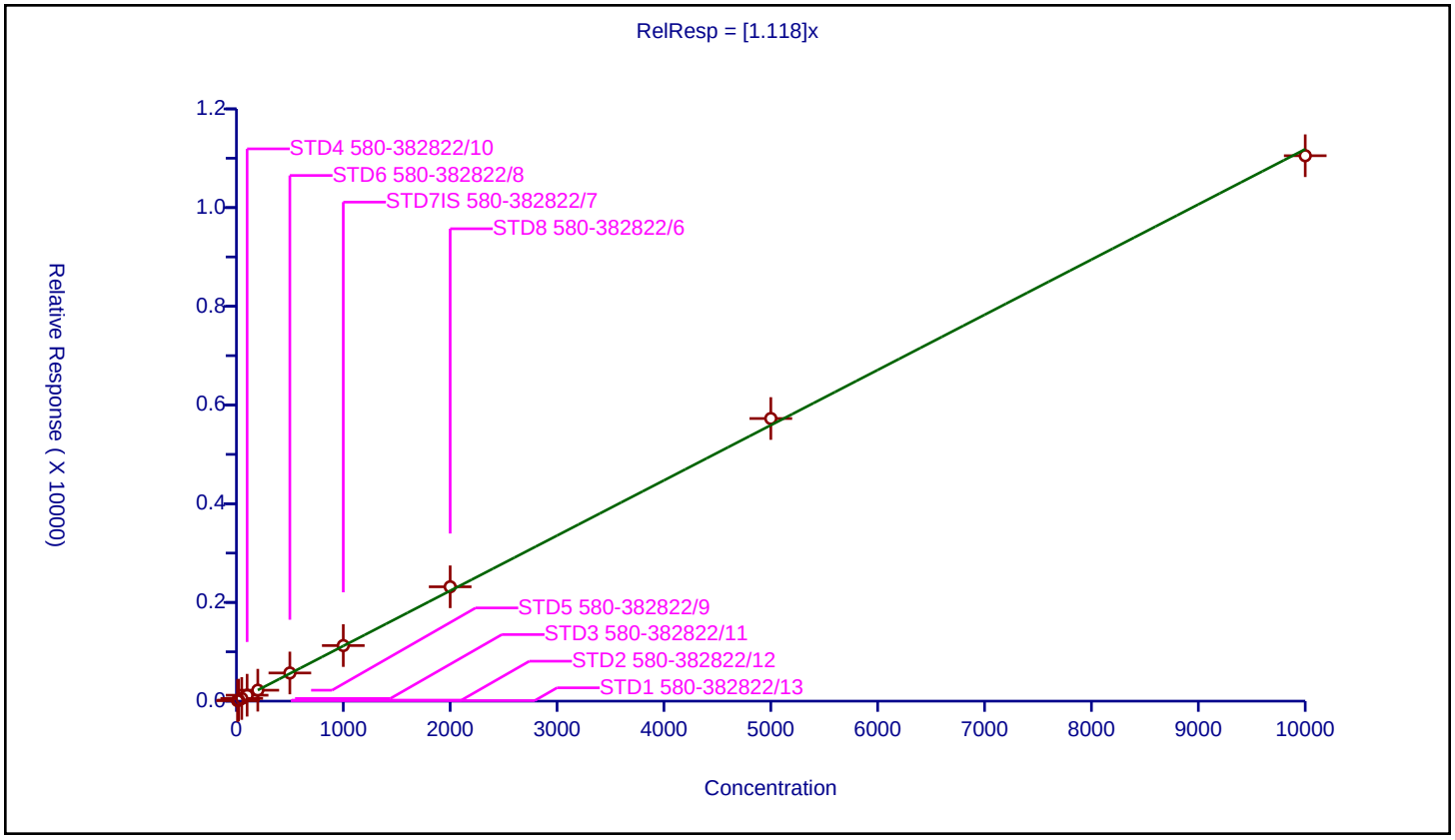
Curve Coefficients

Intercept:	0
Slope:	1.118

Error Coefficients

Standard Error:	1920000
Relative Standard Error:	4.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	10.716085	100.0	39688.0	1.071609	Y
2	STD2 580-382822/12	20.0	20.976298	100.0	41094.0	1.048815	Y
3	STD3 580-382822/11	50.0	53.814428	100.0	43886.0	1.076289	Y
4	STD4 580-382822/10	100.0	120.103472	100.0	43490.0	1.201035	Y
5	STD5 580-382822/9	200.0	221.715505	100.0	44535.0	1.108578	Y
6	STD6 580-382822/8	500.0	570.885572	100.0	45225.0	1.141771	Y
7	STD7IS 580-382822/7	1000.0	1125.813635	100.0	46704.0	1.125814	Y
8	STD8 580-382822/6	2000.0	2317.123255	100.0	42270.0	1.158562	Y
9	STD9 580-382822/5	5000.0	5726.579328	100.0	46333.0	1.145316	Y
10	STD10 580-382822/4	10000.0	11051.29929	100.0	45217.0	1.10513	Y



Calibration / 2-Nitroaniline

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

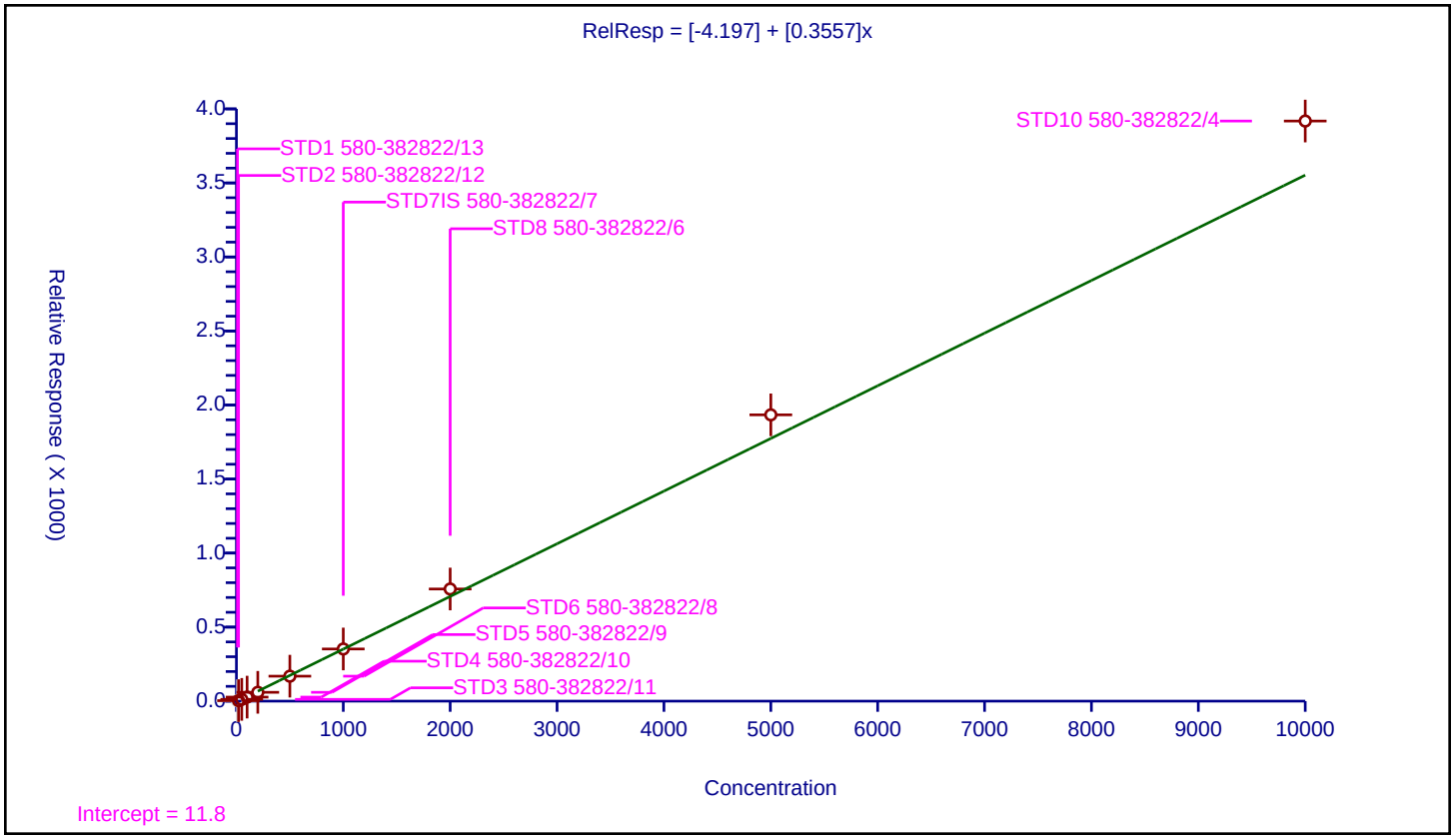
Curve Coefficients

Intercept:	-4.197
Slope:	0.3557

Error Coefficients

Standard Error:	762000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	2.892562	100.0	39688.0	0.289256	N
2	STD2 580-382822/12	20.0	3.409257	100.0	41094.0	0.170463	Y
3	STD3 580-382822/11	50.0	11.960534	100.0	43886.0	0.239211	Y
4	STD4 580-382822/10	100.0	27.325822	100.0	43490.0	0.273258	Y
5	STD5 580-382822/9	200.0	59.712586	100.0	44535.0	0.298563	Y
6	STD6 580-382822/8	500.0	168.661139	100.0	45225.0	0.337322	Y
7	STD7IS 580-382822/7	1000.0	352.37667	100.0	46704.0	0.352377	Y
8	STD8 580-382822/6	2000.0	757.402413	100.0	42270.0	0.378701	Y
9	STD9 580-382822/5	5000.0	1933.580817	100.0	46333.0	0.386716	Y
10	STD10 580-382822/4	10000.0	3917.884866	100.0	45217.0	0.391788	Y



Calibration / Dimethyl phthalate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

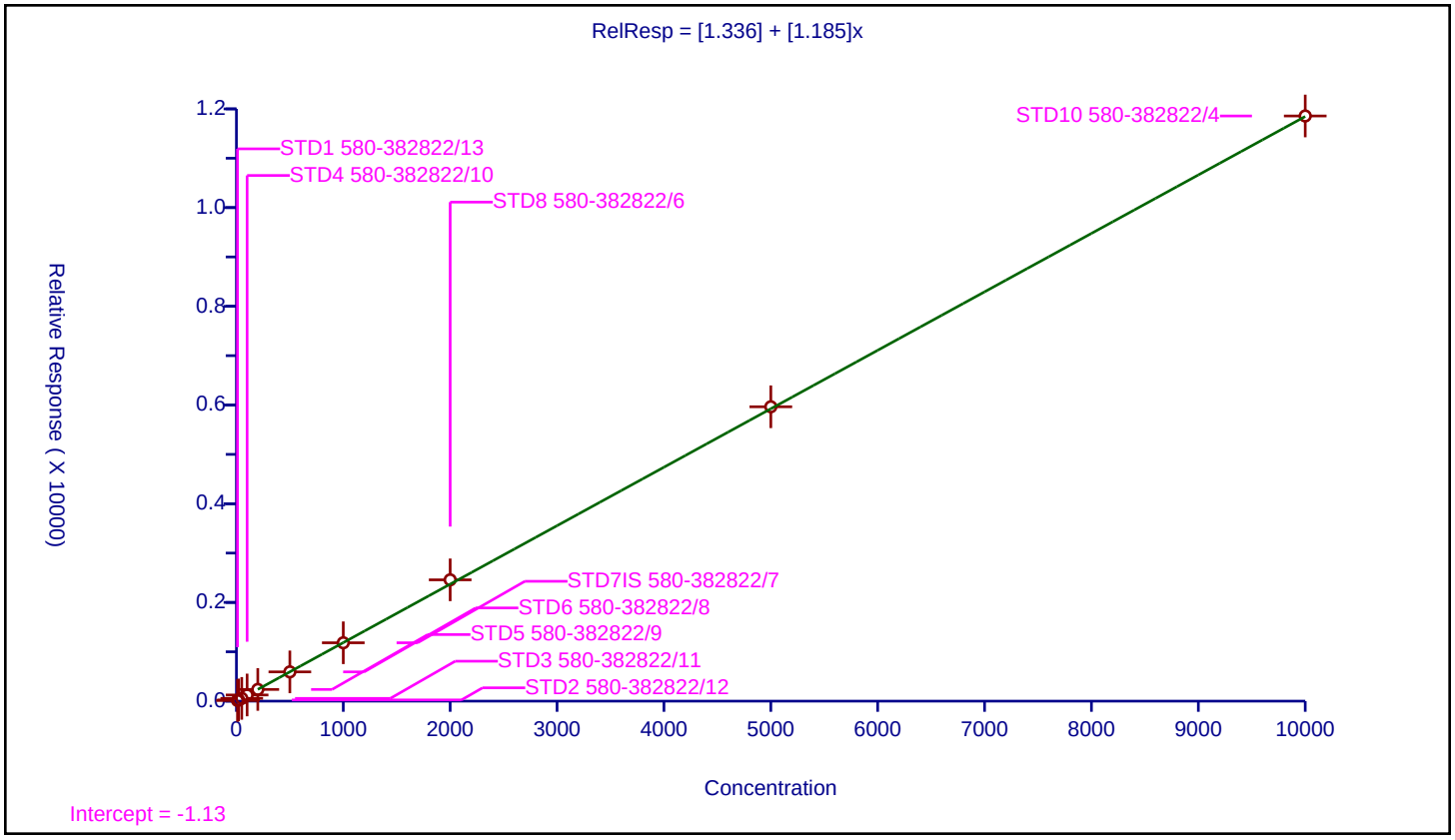
Curve Coefficients

Intercept:	1.336
Slope:	1.185

Error Coefficients

Standard Error:	2170000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	13.457468	100.0	39688.0	1.345747	Y
2	STD2 580-382822/12	20.0	24.453692	100.0	41094.0	1.222685	Y
3	STD3 580-382822/11	50.0	56.038372	100.0	43886.0	1.120767	Y
4	STD4 580-382822/10	100.0	124.670039	100.0	43490.0	1.2467	Y
5	STD5 580-382822/9	200.0	237.116874	100.0	44535.0	1.185584	Y
6	STD6 580-382822/8	500.0	592.937535	100.0	45225.0	1.185875	Y
7	STD7IS 580-382822/7	1000.0	1182.457605	100.0	46704.0	1.182458	Y
8	STD8 580-382822/6	2000.0	2457.951266	100.0	42270.0	1.228976	Y
9	STD9 580-382822/5	5000.0	5964.276002	100.0	46333.0	1.192855	Y
10	STD10 580-382822/4	10000.0	11856.63799	100.0	45217.0	1.185664	Y



Calibration / 1,3-Dinitrobenzene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

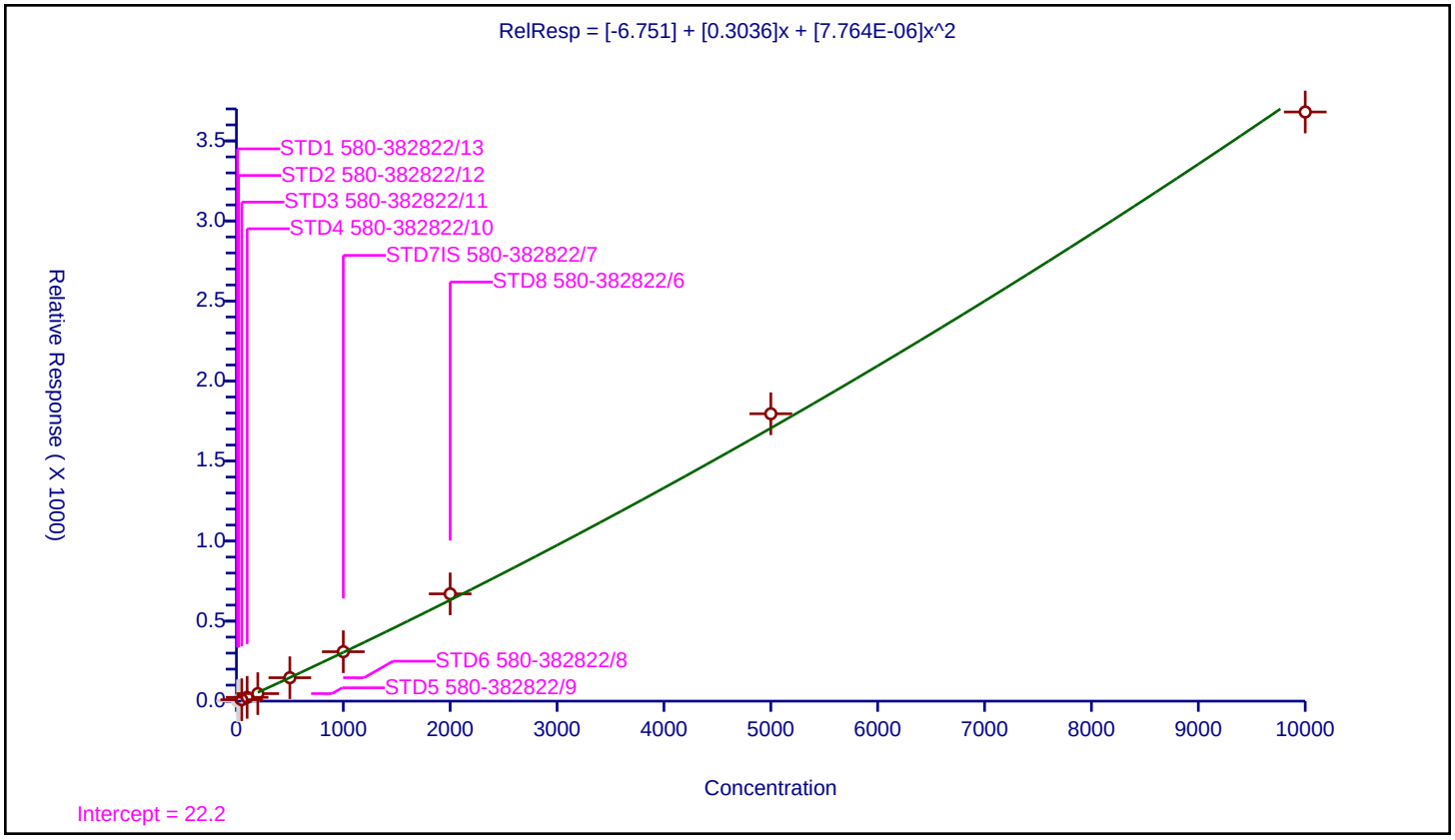
Curve Coefficients

Intercept:	-6.751
Slope:	0.3036
Second Order:	7.764E-06

Error Coefficients

Standard Error:	442000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	1.251337	100.0	21497.0	0.125134	N
2	STD2 580-382822/12	20.0	4.072593	100.0	23253.0	0.20363	N
3	STD3 580-382822/11	50.0	8.855961	100.0	26118.0	0.177119	Y
4	STD4 580-382822/10	100.0	23.753029	100.0	23938.0	0.23753	Y
5	STD5 580-382822/9	200.0	47.009448	100.0	24661.0	0.235047	Y
6	STD6 580-382822/8	500.0	146.370901	100.0	24028.0	0.292742	Y
7	STD7IS 580-382822/7	1000.0	308.746299	100.0	25668.0	0.308746	Y
8	STD8 580-382822/6	2000.0	670.384368	100.0	23285.0	0.335192	Y
9	STD9 580-382822/5	5000.0	1795.472945	100.0	24210.0	0.359095	Y
10	STD10 580-382822/4	10000.0	3680.692091	100.0	23783.0	0.368069	Y



Calibration / 2,6-Dinitrotoluene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

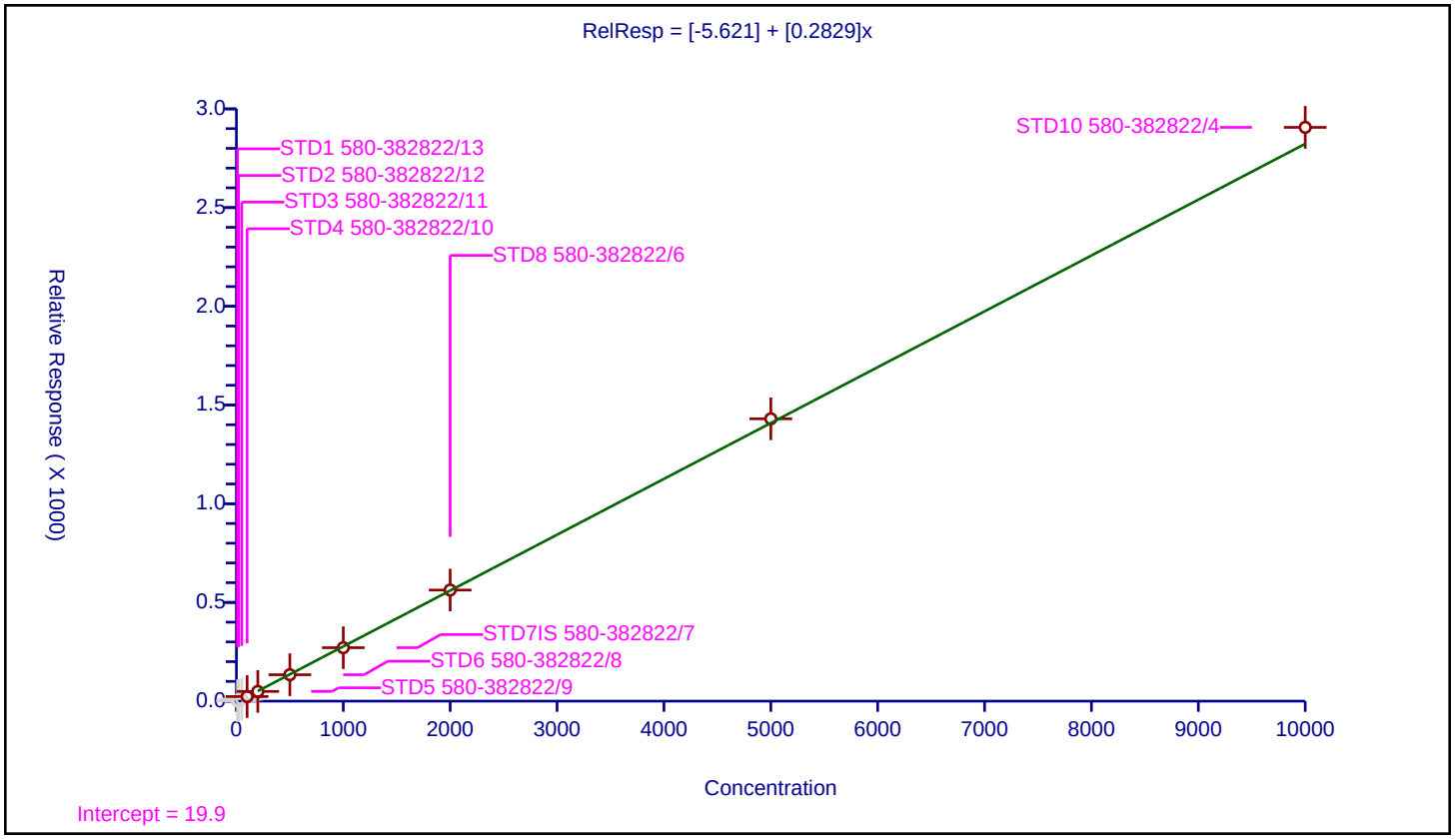
Curve Coefficients

Intercept:	-5.621
Slope:	0.2829

Error Coefficients

Standard Error:	668000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	2.058557	100.0	39688.0	0.205856	N
2	STD2 580-382822/12	20.0	4.866891	100.0	41094.0	0.243345	N
3	STD3 580-382822/11	50.0	9.914323	100.0	43886.0	0.198286	N
4	STD4 580-382822/10	100.0	23.244424	100.0	43490.0	0.232444	Y
5	STD5 580-382822/9	200.0	49.134389	100.0	44535.0	0.245672	Y
6	STD6 580-382822/8	500.0	133.720287	100.0	45225.0	0.267441	Y
7	STD7IS 580-382822/7	1000.0	270.743405	100.0	46704.0	0.270743	Y
8	STD8 580-382822/6	2000.0	562.704045	100.0	42270.0	0.281352	Y
9	STD9 580-382822/5	5000.0	1430.239786	100.0	46333.0	0.286048	Y
10	STD10 580-382822/4	10000.0	2906.400248	100.0	45217.0	0.29064	Y



Calibration / Acenaphthylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

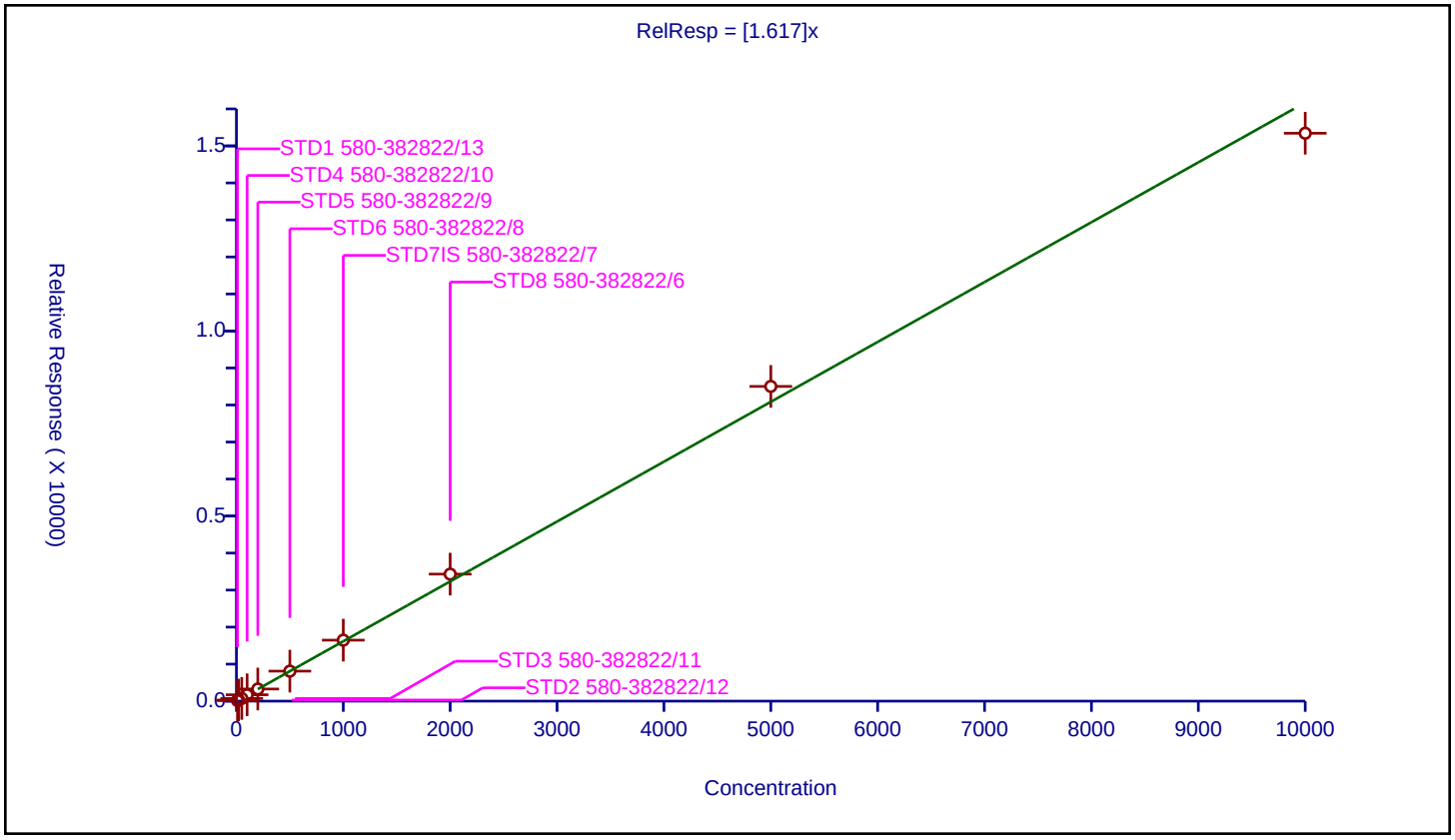
Curve Coefficients

Intercept:	0
Slope:	1.617

Error Coefficients

Standard Error:	2710000
Relative Standard Error:	5.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	16.486092	100.0	39688.0	1.648609	Y
2	STD2 580-382822/12	20.0	29.49579	100.0	41094.0	1.47479	Y
3	STD3 580-382822/11	50.0	73.248872	100.0	43886.0	1.464977	Y
4	STD4 580-382822/10	100.0	172.48333	100.0	43490.0	1.724833	Y
5	STD5 580-382822/9	200.0	328.03413	100.0	44535.0	1.640171	Y
6	STD6 580-382822/8	500.0	810.713101	100.0	45225.0	1.621426	Y
7	STD7IS 580-382822/7	1000.0	1647.222936	100.0	46704.0	1.647223	Y
8	STD8 580-382822/6	2000.0	3431.689141	100.0	42270.0	1.715845	Y
9	STD9 580-382822/5	5000.0	8502.505773	100.0	46333.0	1.700501	Y
10	STD10 580-382822/4	10000.0	15342.165557	100.0	45217.0	1.534217	Y



Calibration / 3-Nitroaniline

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

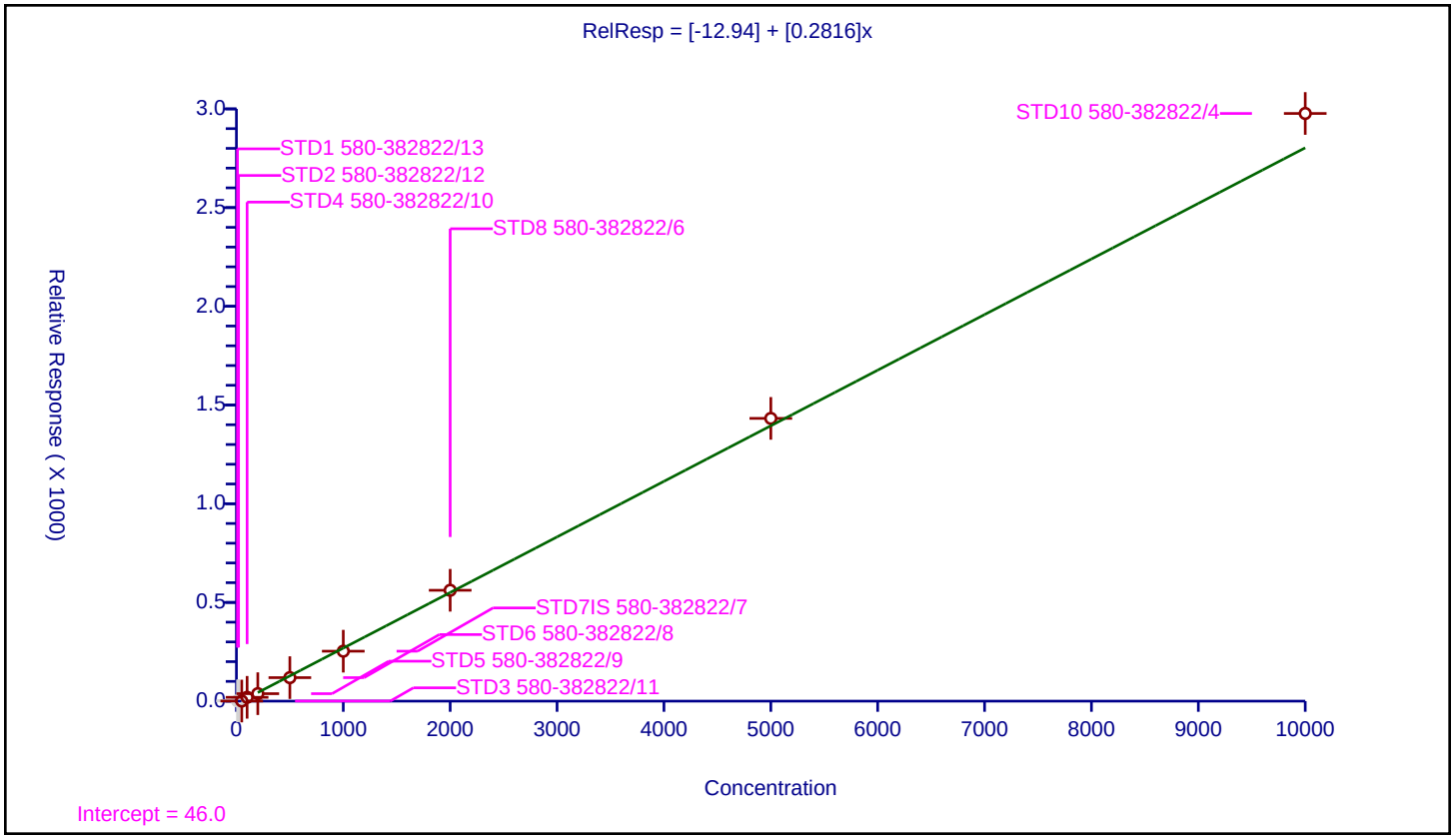
Curve Coefficients

Intercept:	-12.94
Slope:	0.2816

Error Coefficients

Standard Error:	621000
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	1.242189	100.0	39688.0	0.124219	N
2	STD2 580-382822/12	20.0	2.233903	100.0	41094.0	0.111695	N
3	STD3 580-382822/11	50.0	0.546871	100.0	43886.0	0.010937	Y
4	STD4 580-382822/10	100.0	19.40676	100.0	43490.0	0.194068	Y
5	STD5 580-382822/9	200.0	37.905019	100.0	44535.0	0.189525	Y
6	STD6 580-382822/8	500.0	118.99613	100.0	45225.0	0.237992	Y
7	STD7IS 580-382822/7	1000.0	253.089671	100.0	46704.0	0.25309	Y
8	STD8 580-382822/6	2000.0	561.577951	100.0	42270.0	0.280789	Y
9	STD9 580-382822/5	5000.0	1432.238361	100.0	46333.0	0.286448	Y
10	STD10 580-382822/4	10000.0	2976.847203	100.0	45217.0	0.297685	Y



Calibration / Acenaphthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

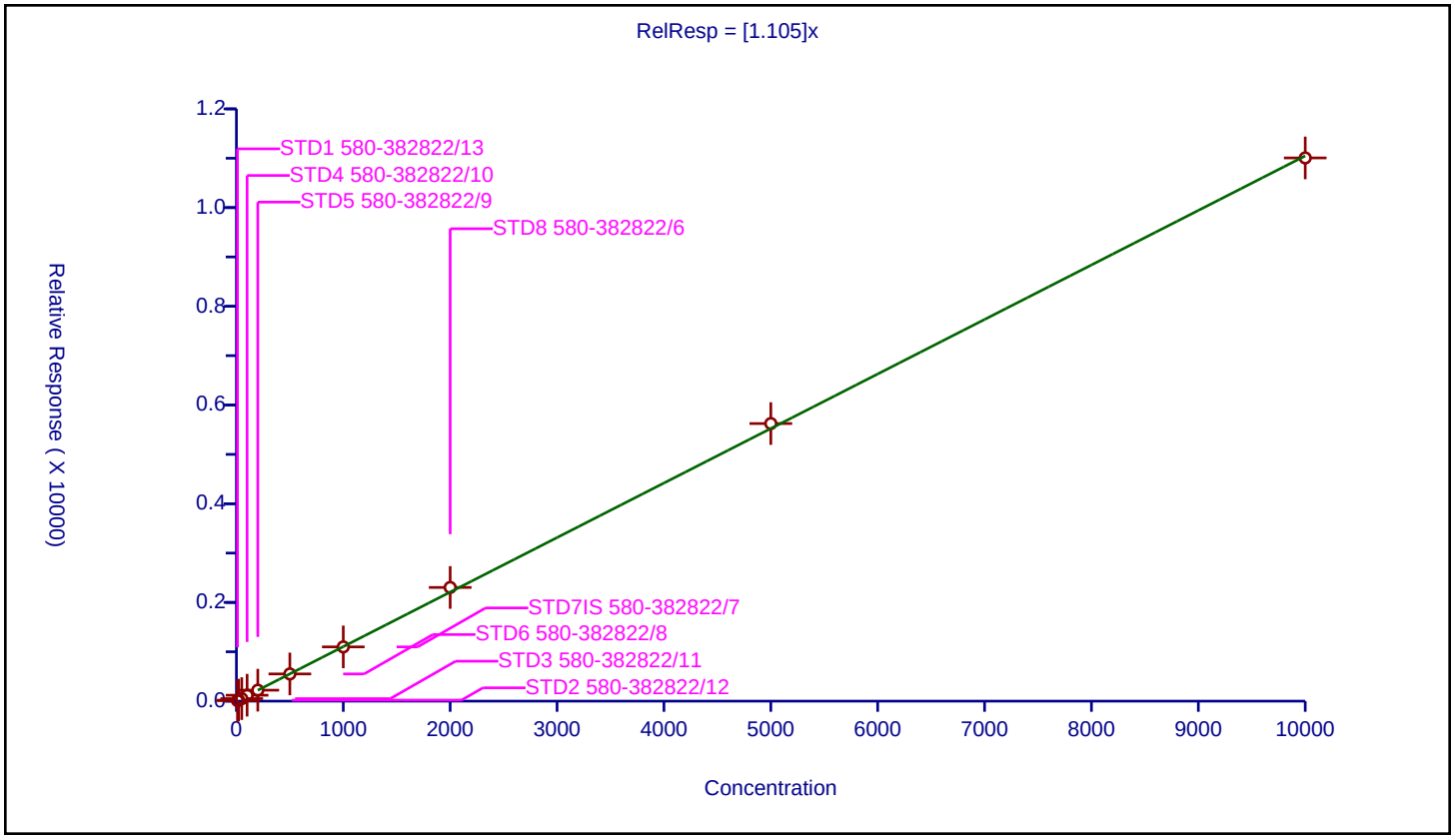
Curve Coefficients

Intercept:	0
Slope:	1.105

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	11.199859	100.0	39688.0	1.119986	Y
2	STD2 580-382822/12	20.0	20.2852	100.0	41094.0	1.01426	Y
3	STD3 580-382822/11	50.0	51.253247	100.0	43886.0	1.025065	Y
4	STD4 580-382822/10	100.0	119.990802	100.0	43490.0	1.199908	Y
5	STD5 580-382822/9	200.0	221.879421	100.0	44535.0	1.109397	Y
6	STD6 580-382822/8	500.0	551.234936	100.0	45225.0	1.10247	Y
7	STD7IS 580-382822/7	1000.0	1098.923004	100.0	46704.0	1.098923	Y
8	STD8 580-382822/6	2000.0	2303.548616	100.0	42270.0	1.151774	Y
9	STD9 580-382822/5	5000.0	5624.766365	100.0	46333.0	1.124953	Y
10	STD10 580-382822/4	10000.0	11006.249862	100.0	45217.0	1.100625	Y



Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

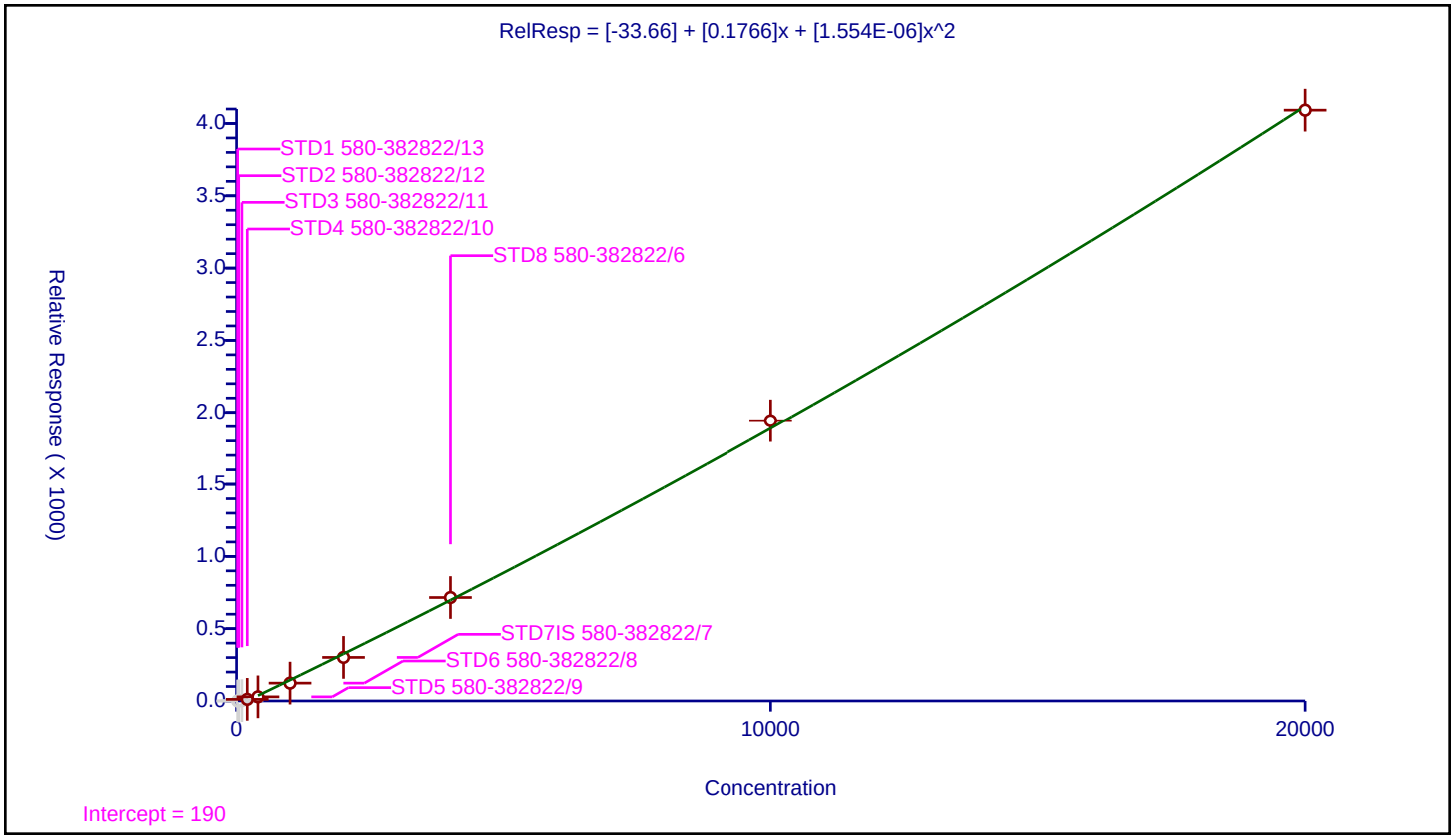
Curve Coefficients

Intercept:	-33.66
Slope:	0.1766
Second Order:	1.554E-06

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	16.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	20.0	0.0	100.0	39688.0	0.0	N
2	STD2 580-382822/12	40.0	0.0	100.0	41094.0	0.0	N
3	STD3 580-382822/11	100.0	2.223944	100.0	43886.0	0.022239	N
4	STD4 580-382822/10	200.0	11.071511	100.0	43490.0	0.055358	Y
5	STD5 580-382822/9	400.0	28.395644	100.0	44535.0	0.070989	Y
6	STD6 580-382822/8	1000.0	123.407407	100.0	45225.0	0.123407	Y
7	STD7IS 580-382822/7	2000.0	301.143371	100.0	46704.0	0.150572	Y
8	STD8 580-382822/6	4000.0	715.400994	100.0	42270.0	0.17885	Y
9	STD9 580-382822/5	10000.0	1941.555695	100.0	46333.0	0.194156	Y
10	STD10 580-382822/4	20000.0	4092.093682	100.0	45217.0	0.204605	Y



Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

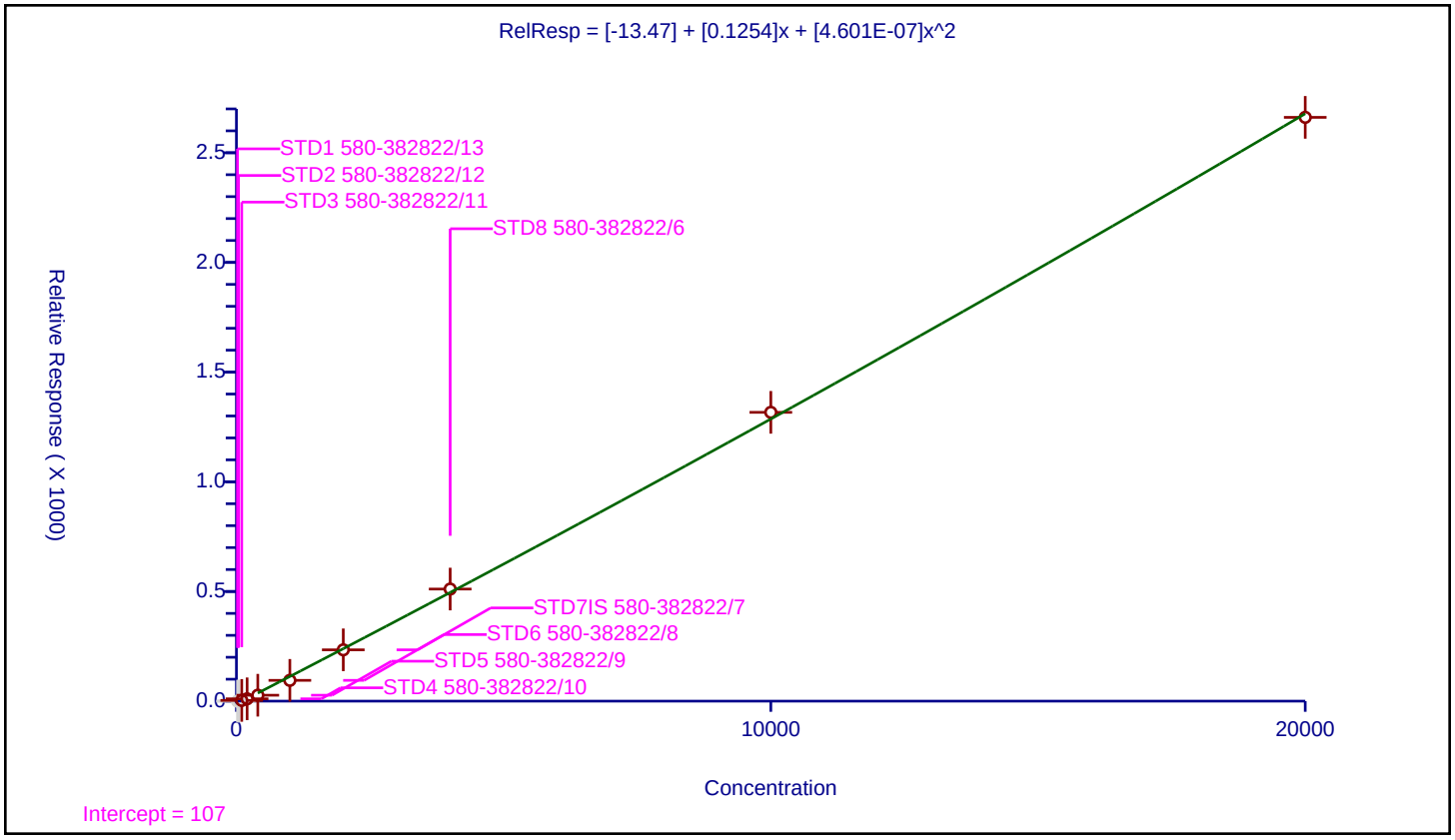
Curve Coefficients

Intercept:	-13.47
Slope:	0.1254
Second Order:	4.601E-07

Error Coefficients

Standard Error:	612000
Relative Standard Error:	18.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	20.0	0.0	100.0	39688.0	0.0	N
2	STD2 580-382822/12	40.0	0.338249	100.0	41094.0	0.008456	N
3	STD3 580-382822/11	100.0	3.397439	100.0	43886.0	0.033974	Y
4	STD4 580-382822/10	200.0	10.655323	100.0	43490.0	0.053277	Y
5	STD5 580-382822/9	400.0	27.05288	100.0	44535.0	0.067632	Y
6	STD6 580-382822/8	1000.0	94.726368	100.0	45225.0	0.094726	Y
7	STD7IS 580-382822/7	2000.0	233.866478	100.0	46704.0	0.116933	Y
8	STD8 580-382822/6	4000.0	510.998344	100.0	42270.0	0.12775	Y
9	STD9 580-382822/5	10000.0	1316.629616	100.0	46333.0	0.131663	Y
10	STD10 580-382822/4	20000.0	2661.395051	100.0	45217.0	0.13307	Y



Calibration / 2,4-Dinitrotoluene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

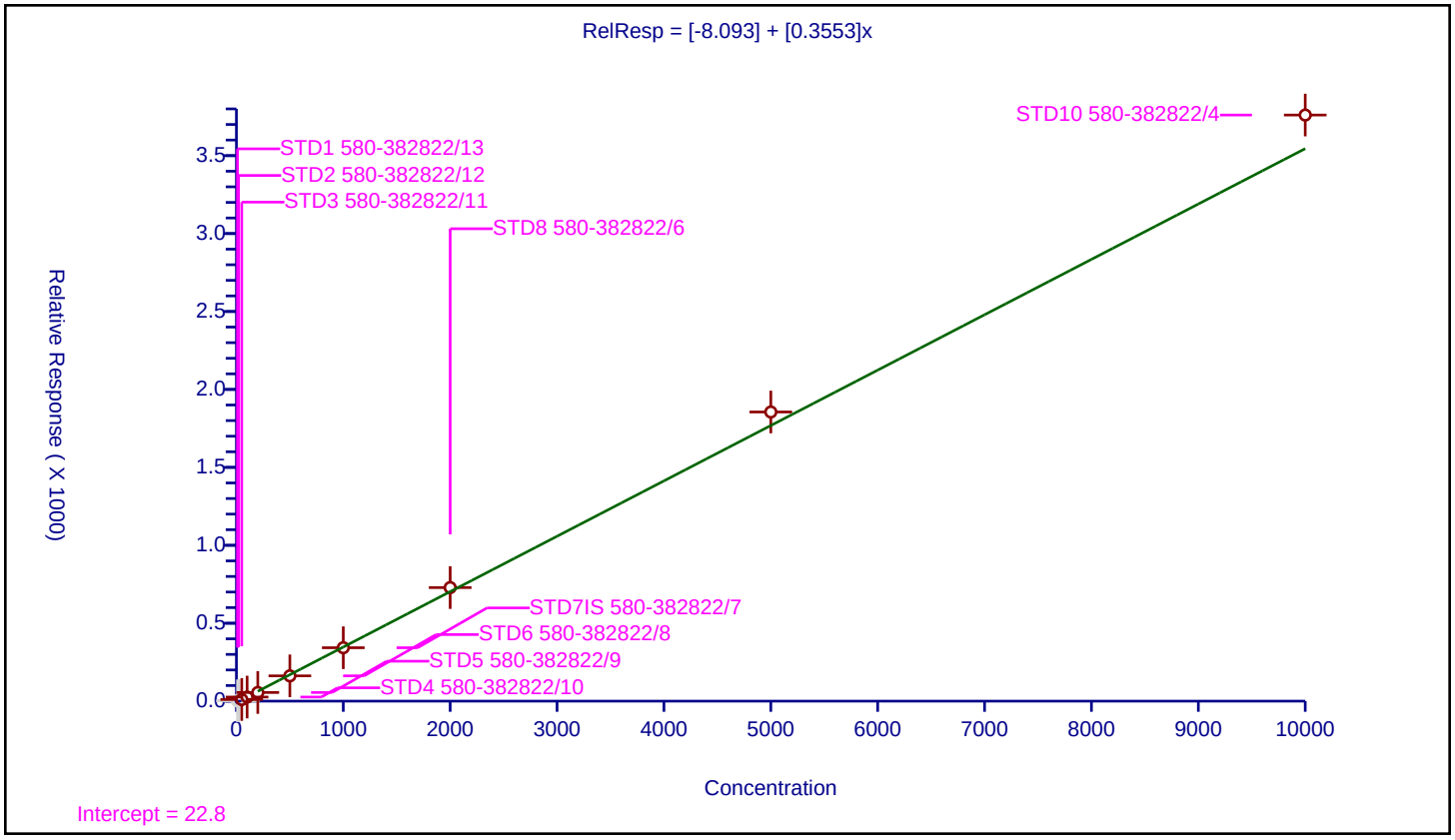
Curve Coefficients

Intercept:	-8.093
Slope:	0.3553

Error Coefficients

Standard Error:	790000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	1.846906	100.0	39688.0	0.184691	N
2	STD2 580-382822/12	20.0	3.599066	100.0	41094.0	0.179953	N
3	STD3 580-382822/11	50.0	10.483981	100.0	43886.0	0.20968	Y
4	STD4 580-382822/10	100.0	26.298	100.0	43490.0	0.26298	Y
5	STD5 580-382822/9	200.0	55.414842	100.0	44535.0	0.277074	Y
6	STD6 580-382822/8	500.0	162.299613	100.0	45225.0	0.324599	Y
7	STD7IS 580-382822/7	1000.0	342.803614	100.0	46704.0	0.342804	Y
8	STD8 580-382822/6	2000.0	728.578188	100.0	42270.0	0.364289	Y
9	STD9 580-382822/5	5000.0	1855.269462	100.0	46333.0	0.371054	Y
10	STD10 580-382822/4	10000.0	3760.481677	100.0	45217.0	0.376048	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

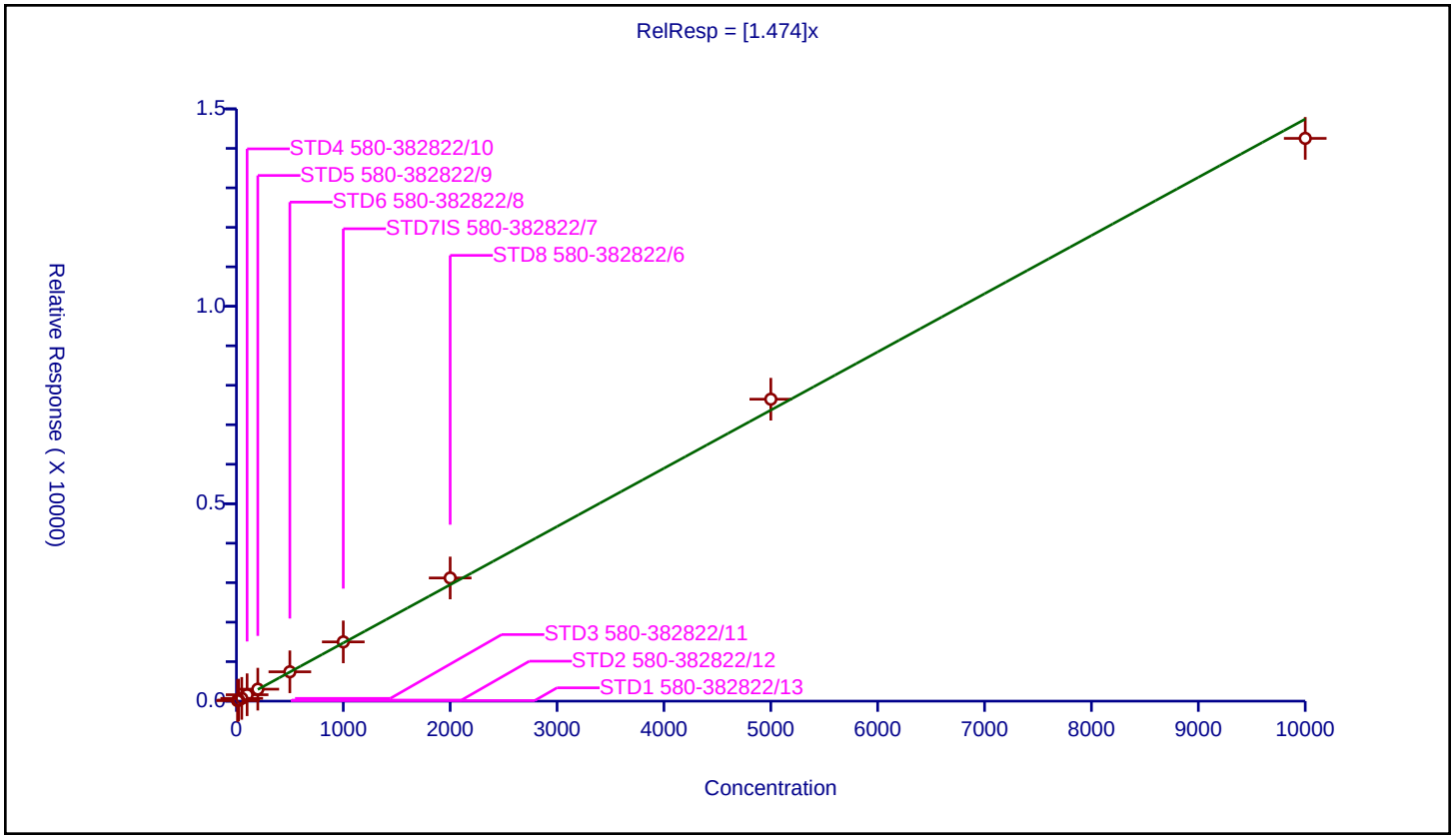
Curve Coefficients

Intercept:	0
Slope:	1.474

Error Coefficients

Standard Error:	2500000
Relative Standard Error:	6.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	13.674158	100.0	39688.0	1.367416	Y
2	STD2 580-382822/12	20.0	26.624325	100.0	41094.0	1.331216	Y
3	STD3 580-382822/11	50.0	70.033724	100.0	43886.0	1.400674	Y
4	STD4 580-382822/10	100.0	162.428144	100.0	43490.0	1.624281	Y
5	STD5 580-382822/9	200.0	303.177276	100.0	44535.0	1.515886	Y
6	STD6 580-382822/8	500.0	743.343284	100.0	45225.0	1.486687	Y
7	STD7IS 580-382822/7	1000.0	1500.869305	100.0	46704.0	1.500869	Y
8	STD8 580-382822/6	2000.0	3119.325763	100.0	42270.0	1.559663	Y
9	STD9 580-382822/5	5000.0	7647.031274	100.0	46333.0	1.529406	Y
10	STD10 580-382822/4	10000.0	14253.546233	100.0	45217.0	1.425355	Y



Calibration / 2,3,5,6-Tetrachlorophenol

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

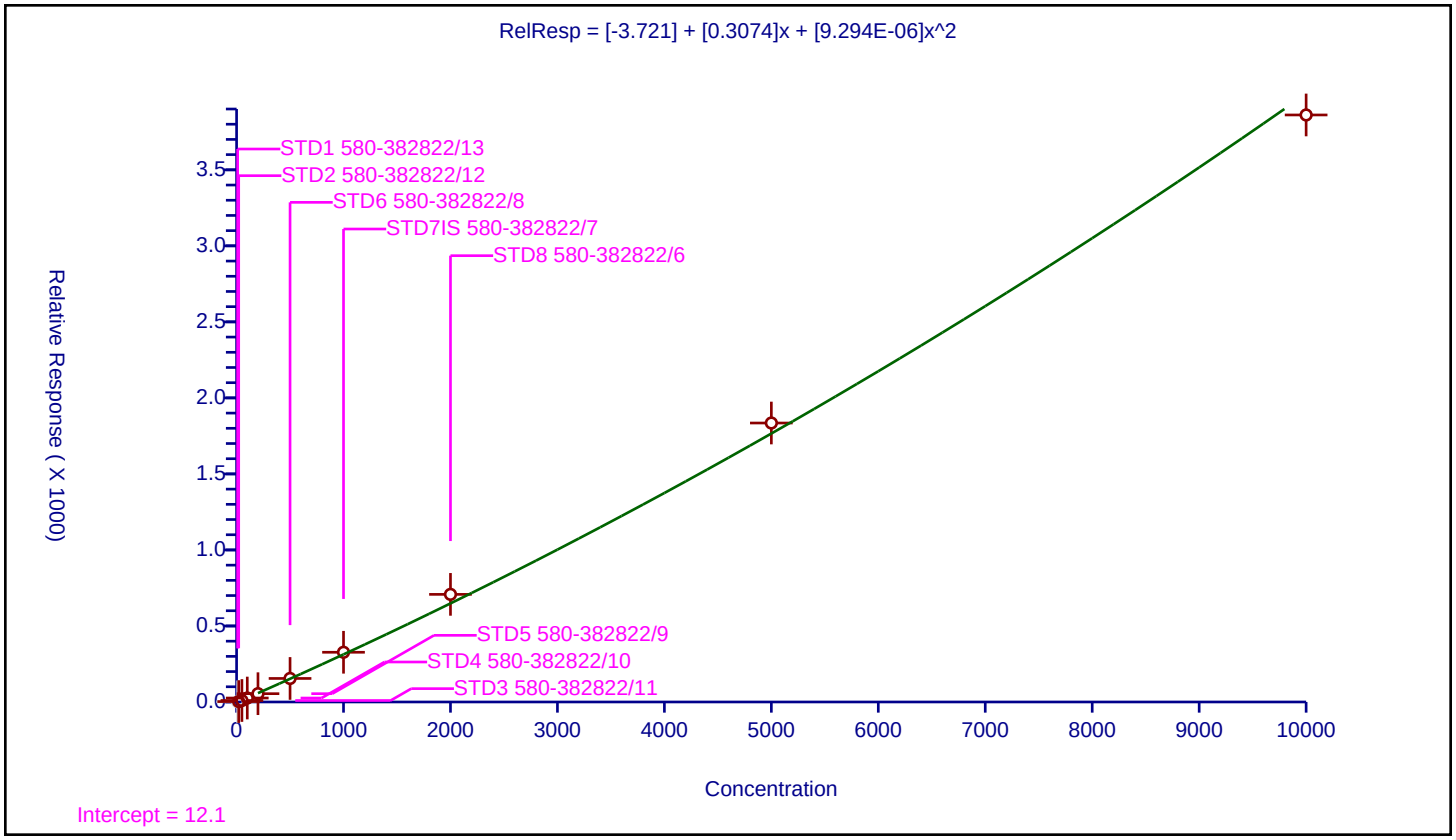
Curve Coefficients

Intercept:	-3.721
Slope:	0.3074
Second Order:	9.294E-06

Error Coefficients

Standard Error:	803000
Relative Standard Error:	7.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	1.345495	100.0	39688.0	0.134549	N
2	STD2 580-382822/12	20.0	2.798462	100.0	41094.0	0.139923	Y
3	STD3 580-382822/11	50.0	9.782163	100.0	43886.0	0.195643	Y
4	STD4 580-382822/10	100.0	25.959991	100.0	43490.0	0.2596	Y
5	STD5 580-382822/9	200.0	54.604244	100.0	44535.0	0.273021	Y
6	STD6 580-382822/8	500.0	154.752902	100.0	45225.0	0.309506	Y
7	STD7IS 580-382822/7	1000.0	327.025522	100.0	46704.0	0.327026	Y
8	STD8 580-382822/6	2000.0	707.6934	100.0	42270.0	0.353847	Y
9	STD9 580-382822/5	5000.0	1834.858524	100.0	46333.0	0.366972	Y
10	STD10 580-382822/4	10000.0	3860.890815	100.0	45217.0	0.386089	Y



Calibration / 2,3,4,6-Tetrachlorophenol

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

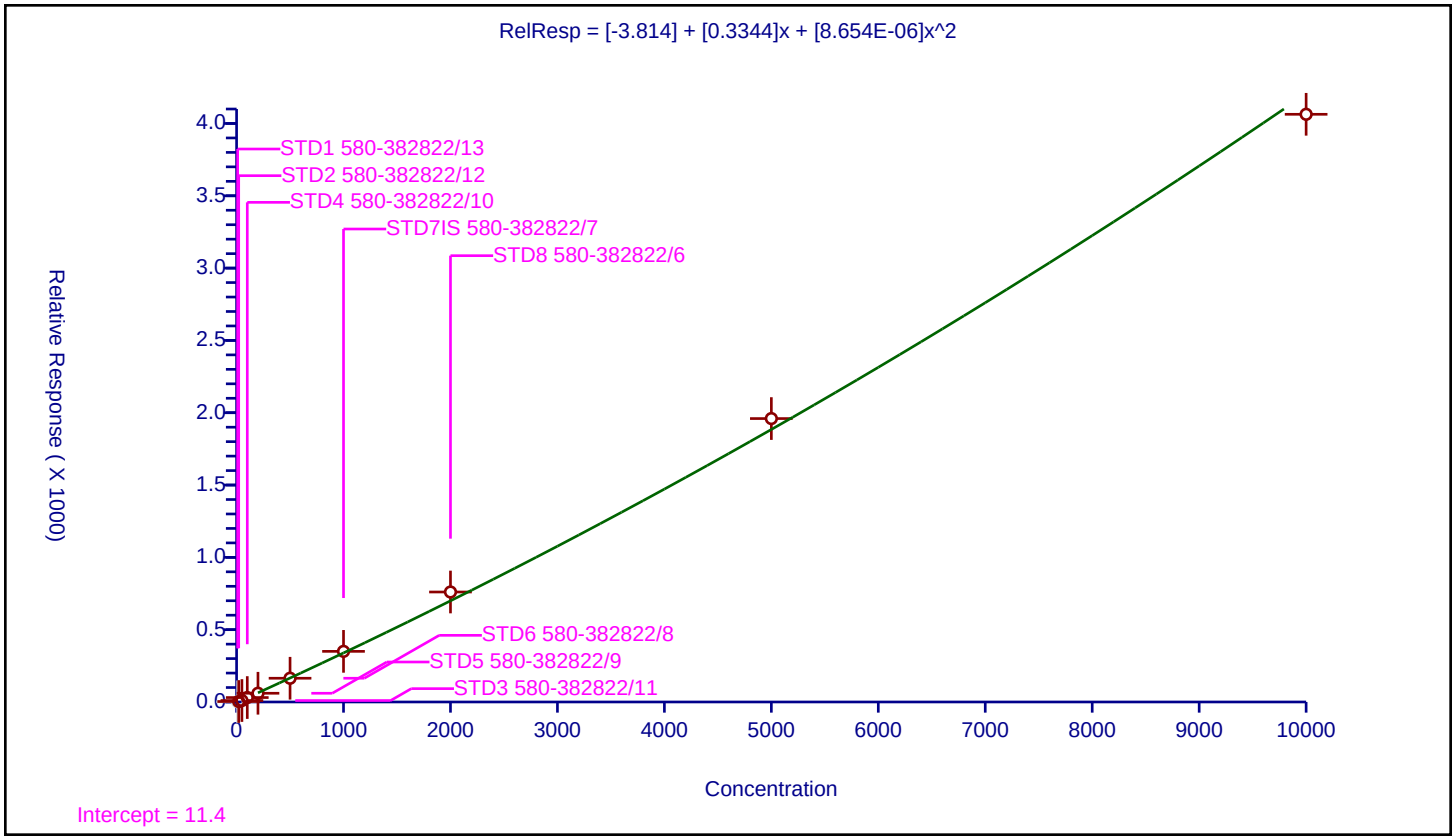
Curve Coefficients

Intercept:	-3.814
Slope:	0.3344
Second Order:	8.654E-06

Error Coefficients

Standard Error:	848000
Relative Standard Error:	8.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	1.375731	100.0	39688.0	0.137573	N
2	STD2 580-382822/12	20.0	3.304619	100.0	41094.0	0.165231	Y
3	STD3 580-382822/11	50.0	10.137629	100.0	43886.0	0.202753	Y
4	STD4 580-382822/10	100.0	30.712808	100.0	43490.0	0.307128	Y
5	STD5 580-382822/9	200.0	60.336814	100.0	44535.0	0.301684	Y
6	STD6 580-382822/8	500.0	164.20785	100.0	45225.0	0.328416	Y
7	STD7IS 580-382822/7	1000.0	350.05567	100.0	46704.0	0.350056	Y
8	STD8 580-382822/6	2000.0	760.544121	100.0	42270.0	0.380272	Y
9	STD9 580-382822/5	5000.0	1959.709063	100.0	46333.0	0.391942	Y
10	STD10 580-382822/4	10000.0	4063.504876	100.0	45217.0	0.40635	Y



Calibration / Diethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

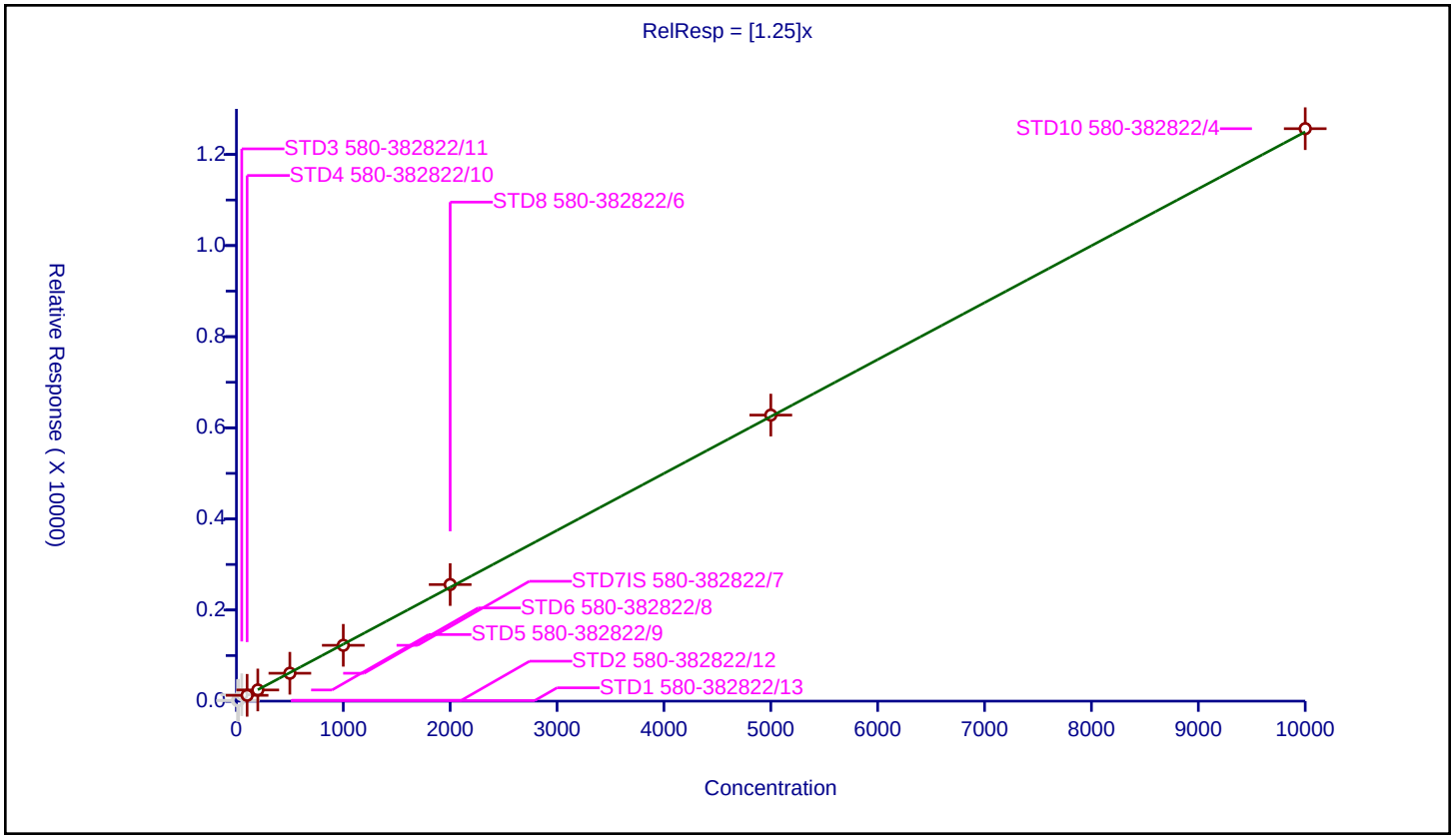
Curve Coefficients

Intercept:	0
Slope:	1.25

Error Coefficients

Standard Error:	2650000
Relative Standard Error:	1.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	11.791977	100.0	39688.0	1.179198	N
2	STD2 580-382822/12	20.0	19.620869	100.0	41094.0	0.981043	N
3	STD3 580-382822/11	50.0	140.91282	100.0	43886.0	2.818256	N
4	STD4 580-382822/10	100.0	127.801794	100.0	43490.0	1.278018	Y
5	STD5 580-382822/9	200.0	245.380038	100.0	44535.0	1.2269	Y
6	STD6 580-382822/8	500.0	612.205638	100.0	45225.0	1.224411	Y
7	STD7IS 580-382822/7	1000.0	1225.483899	100.0	46704.0	1.225484	Y
8	STD8 580-382822/6	2000.0	2559.380175	100.0	42270.0	1.27969	Y
9	STD9 580-382822/5	5000.0	6278.945892	100.0	46333.0	1.255789	Y
10	STD10 580-382822/4	10000.0	12565.55499	100.0	45217.0	1.256555	Y



Calibration / Fluorene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

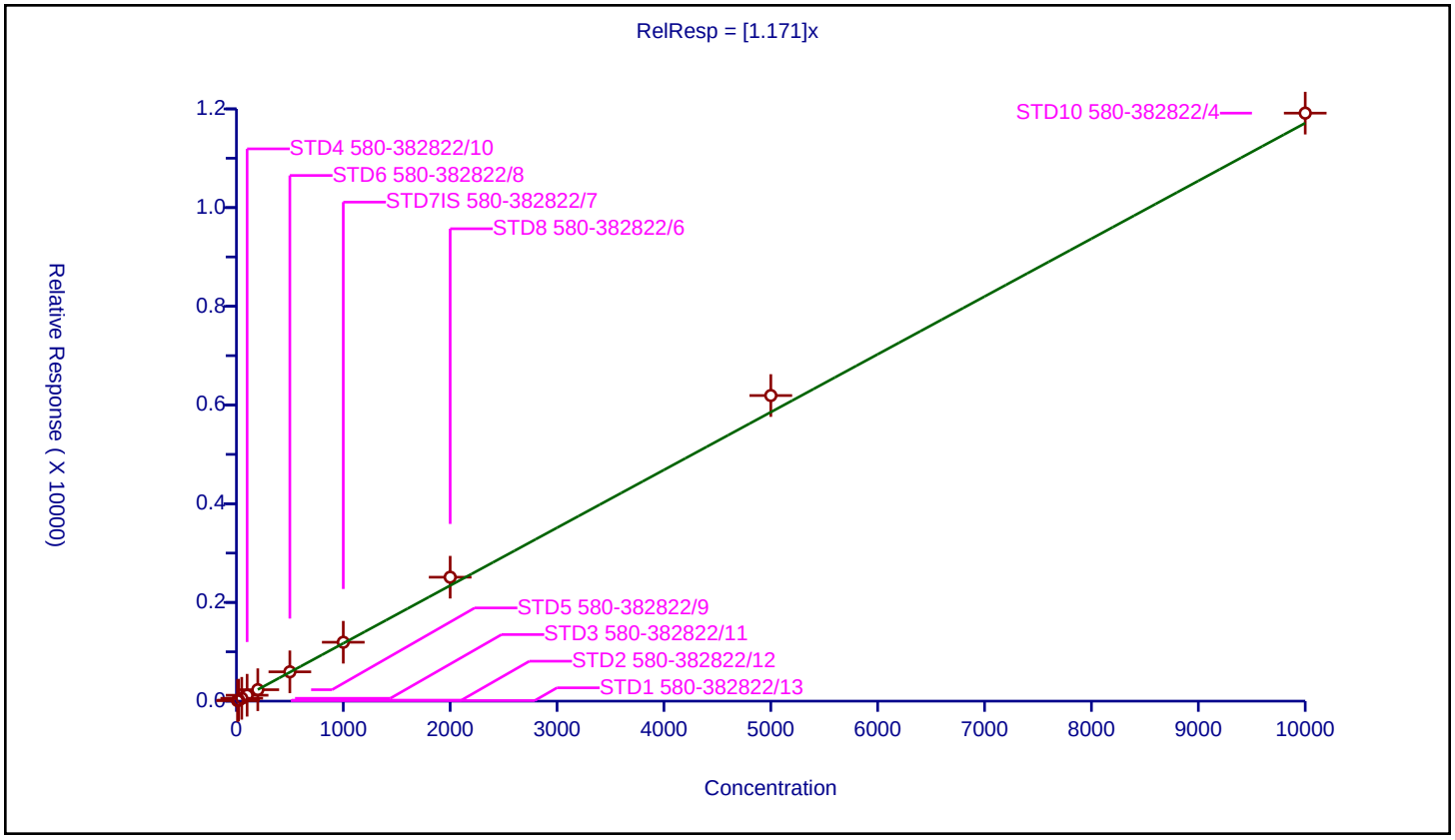
Curve Coefficients

Intercept:	0
Slope:	1.171

Error Coefficients

Standard Error:	2070000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	11.285527	100.0	39688.0	1.128553	Y
2	STD2 580-382822/12	20.0	20.365503	100.0	41094.0	1.018275	Y
3	STD3 580-382822/11	50.0	57.225539	100.0	43886.0	1.144511	Y
4	STD4 580-382822/10	100.0	119.521729	100.0	43490.0	1.195217	Y
5	STD5 580-382822/9	200.0	231.770518	100.0	44535.0	1.158853	Y
6	STD6 580-382822/8	500.0	594.036484	100.0	45225.0	1.188073	Y
7	STD7IS 580-382822/7	1000.0	1193.428828	100.0	46704.0	1.193429	Y
8	STD8 580-382822/6	2000.0	2511.365034	100.0	42270.0	1.255683	Y
9	STD9 580-382822/5	5000.0	6192.059655	100.0	46333.0	1.238412	Y
10	STD10 580-382822/4	10000.0	11913.932813	100.0	45217.0	1.191393	Y



Calibration / 4-Chlorophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

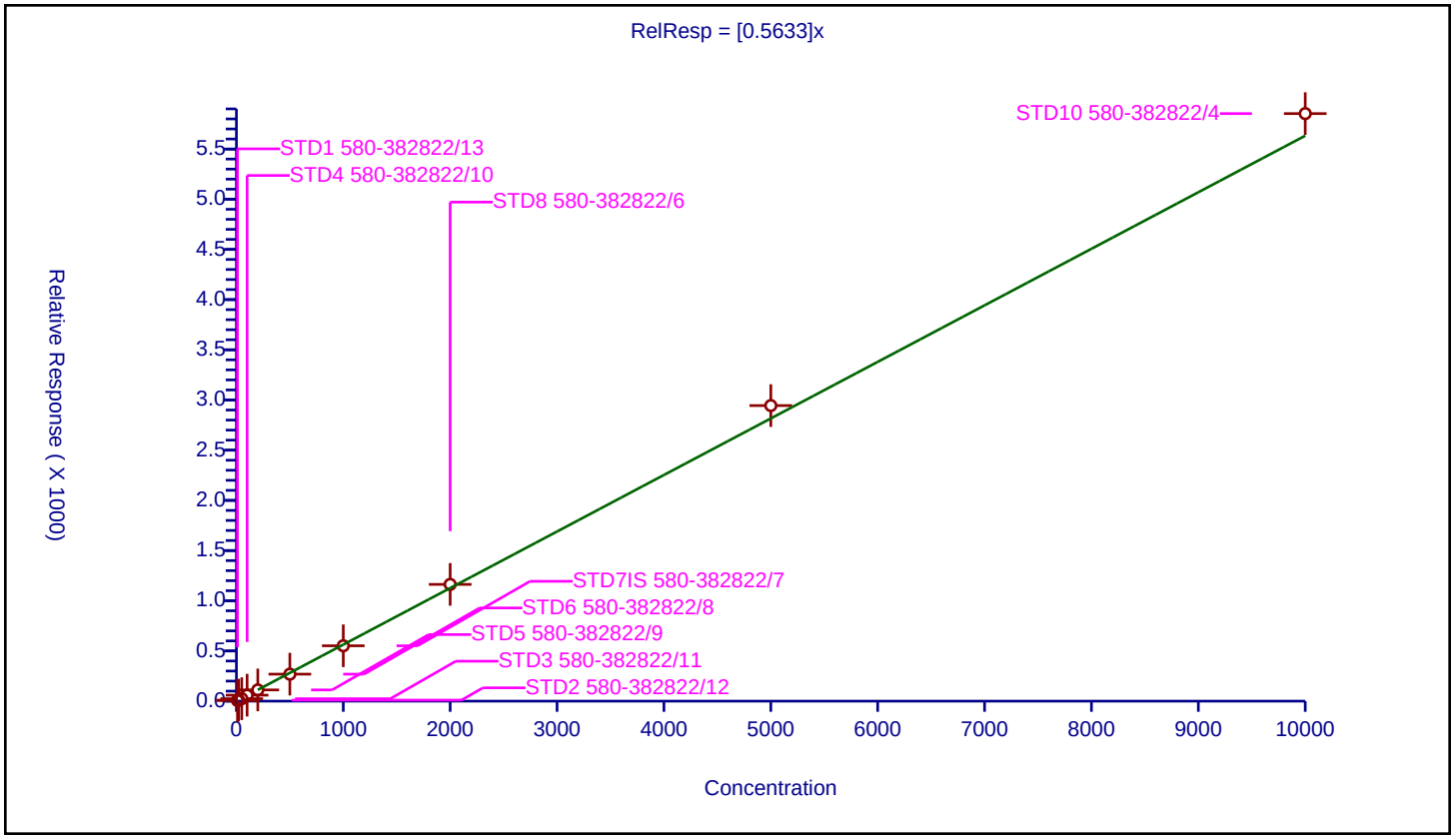
Curve Coefficients

Intercept:	0
Slope:	0.5633

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	6.387321	100.0	39688.0	0.638732	Y
2	STD2 580-382822/12	20.0	10.164501	100.0	41094.0	0.508225	Y
3	STD3 580-382822/11	50.0	24.374516	100.0	43886.0	0.48749	Y
4	STD4 580-382822/10	100.0	59.455047	100.0	43490.0	0.59455	Y
5	STD5 580-382822/9	200.0	111.725609	100.0	44535.0	0.558628	Y
6	STD6 580-382822/8	500.0	268.857933	100.0	45225.0	0.537716	Y
7	STD7IS 580-382822/7	1000.0	551.55233	100.0	46704.0	0.551552	Y
8	STD8 580-382822/6	2000.0	1163.177194	100.0	42270.0	0.581589	Y
9	STD9 580-382822/5	5000.0	2944.378737	100.0	46333.0	0.588876	Y
10	STD10 580-382822/4	10000.0	5853.15921	100.0	45217.0	0.585316	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

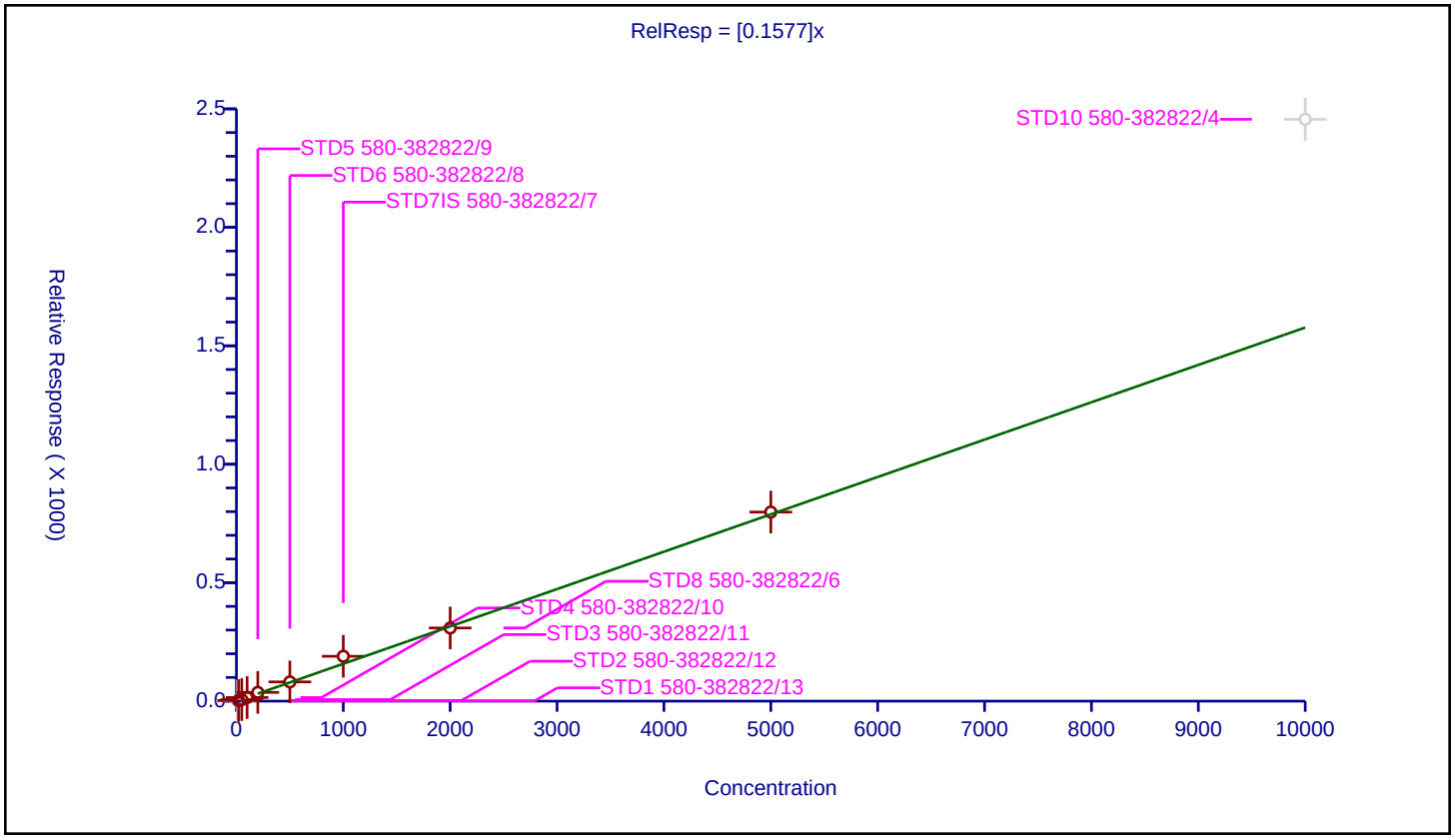
Curve Coefficients

Intercept:	0
Slope:	0.1577

Error Coefficients

Standard Error:	152000
Relative Standard Error:	13.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	1.083451	100.0	39688.0	0.108345	N
2	STD2 580-382822/12	20.0	2.52835	100.0	41094.0	0.126417	Y
3	STD3 580-382822/11	50.0	6.644488	100.0	43886.0	0.13289	Y
4	STD4 580-382822/10	100.0	15.210393	100.0	43490.0	0.152104	Y
5	STD5 580-382822/9	200.0	36.876614	100.0	44535.0	0.184383	Y
6	STD6 580-382822/8	500.0	81.211719	100.0	45225.0	0.162423	Y
7	STD7IS 580-382822/7	1000.0	189.369219	100.0	46704.0	0.189369	Y
8	STD8 580-382822/6	2000.0	308.781642	100.0	42270.0	0.154391	Y
9	STD9 580-382822/5	5000.0	798.033799	100.0	46333.0	0.159607	Y
10	STD10 580-382822/4	10000.0	2456.093947	100.0	45217.0	0.245609	N



Calibration / 4,6-Dinitro-2-methylphenol

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

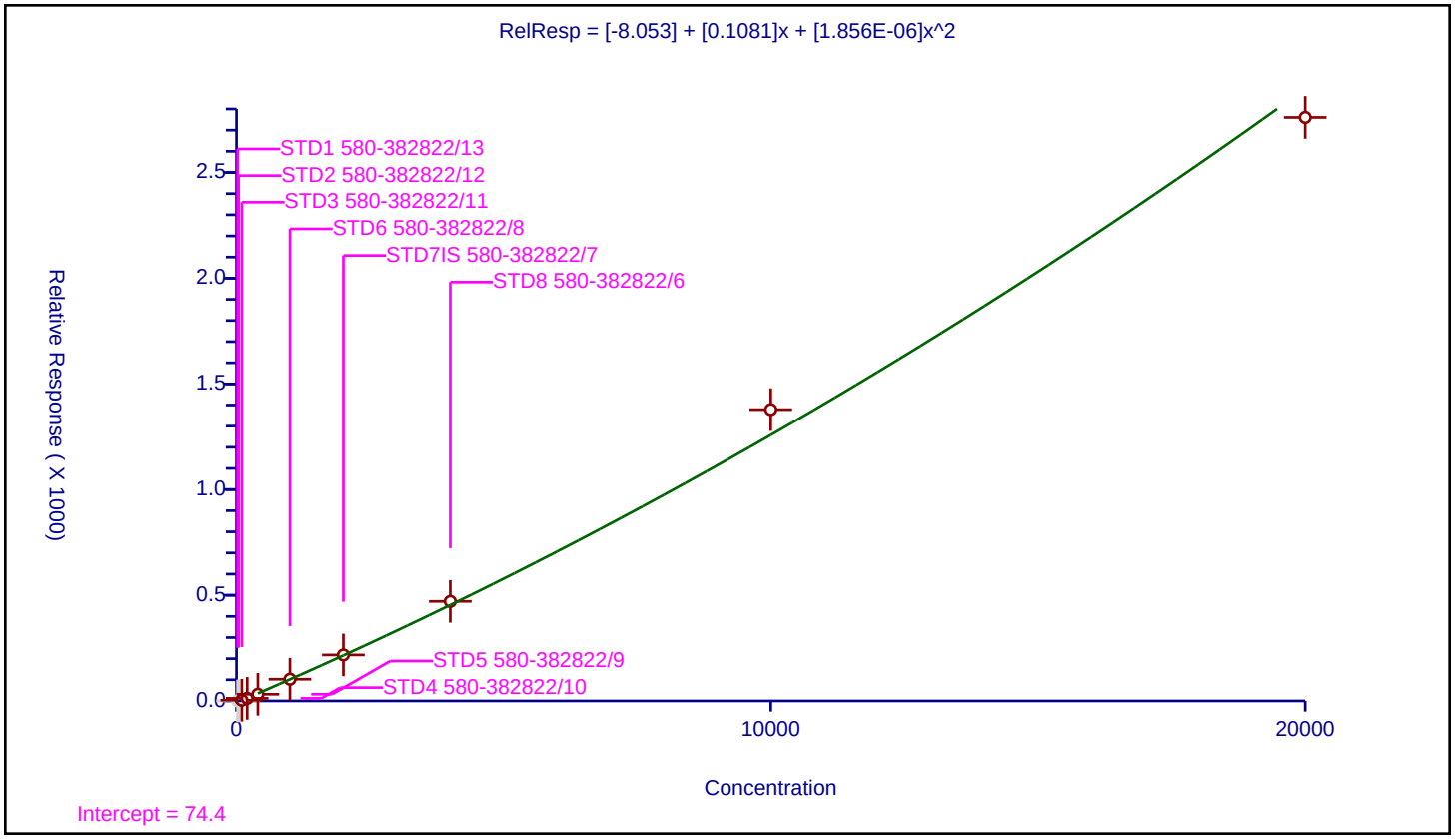
Curve Coefficients

Intercept:	-8.053
Slope:	0.1081
Second Order:	1.856E-06

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	7.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	20.0	0.0	100.0	57346.0	0.0	N
2	STD2 580-382822/12	40.0	0.988011	100.0	60222.0	0.0247	N
3	STD3 580-382822/11	100.0	3.358915	100.0	68147.0	0.033589	Y
4	STD4 580-382822/10	200.0	12.132805	100.0	66654.0	0.060664	Y
5	STD5 580-382822/9	400.0	31.554795	100.0	67771.0	0.078887	Y
6	STD6 580-382822/8	1000.0	102.667454	100.0	71154.0	0.102667	Y
7	STD7IS 580-382822/7	2000.0	217.695463	100.0	78506.0	0.108848	Y
8	STD8 580-382822/6	4000.0	470.983932	100.0	73125.0	0.117746	Y
9	STD9 580-382822/5	10000.0	1378.341454	100.0	73269.0	0.137834	Y
10	STD10 580-382822/4	20000.0	2760.043399	100.0	73735.0	0.138002	Y



Calibration / N-Nitrosodiphenylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

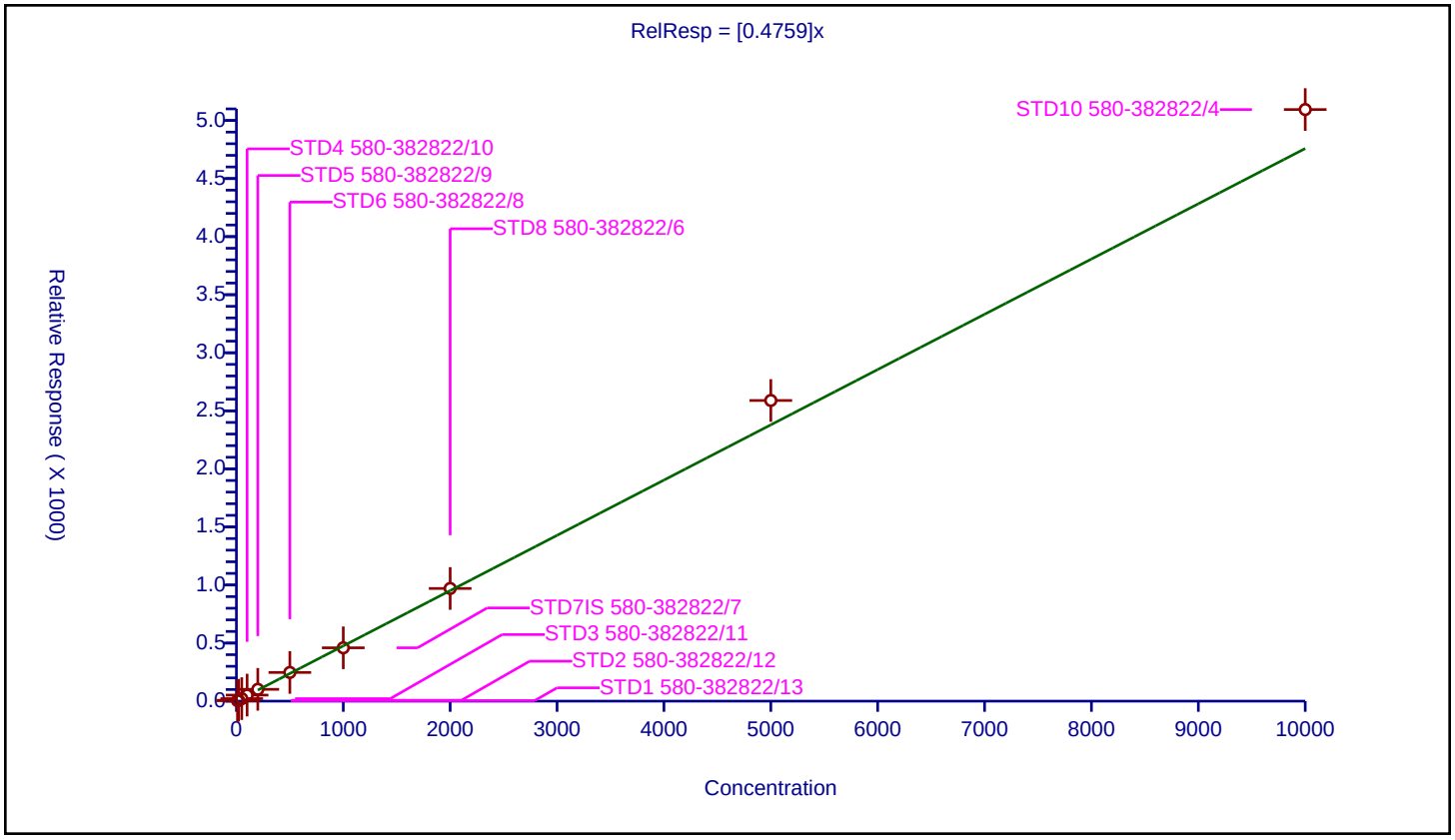
Curve Coefficients

Intercept:	0
Slope:	0.4759

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	4.444948	100.0	57346.0	0.444495	Y
2	STD2 580-382822/12	20.0	7.694862	100.0	60222.0	0.384743	Y
3	STD3 580-382822/11	50.0	21.686941	100.0	68147.0	0.433739	Y
4	STD4 580-382822/10	100.0	52.173913	100.0	66654.0	0.521739	Y
5	STD5 580-382822/9	200.0	101.69394	100.0	67771.0	0.50847	Y
6	STD6 580-382822/8	500.0	247.019142	100.0	71154.0	0.494038	Y
7	STD7IS 580-382822/7	1000.0	459.268081	100.0	78506.0	0.459268	Y
8	STD8 580-382822/6	2000.0	970.186667	100.0	73125.0	0.485093	Y
9	STD9 580-382822/5	5000.0	2588.976238	100.0	73269.0	0.517795	Y
10	STD10 580-382822/4	10000.0	5094.27409	100.0	73735.0	0.509427	Y



Calibration / Azobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

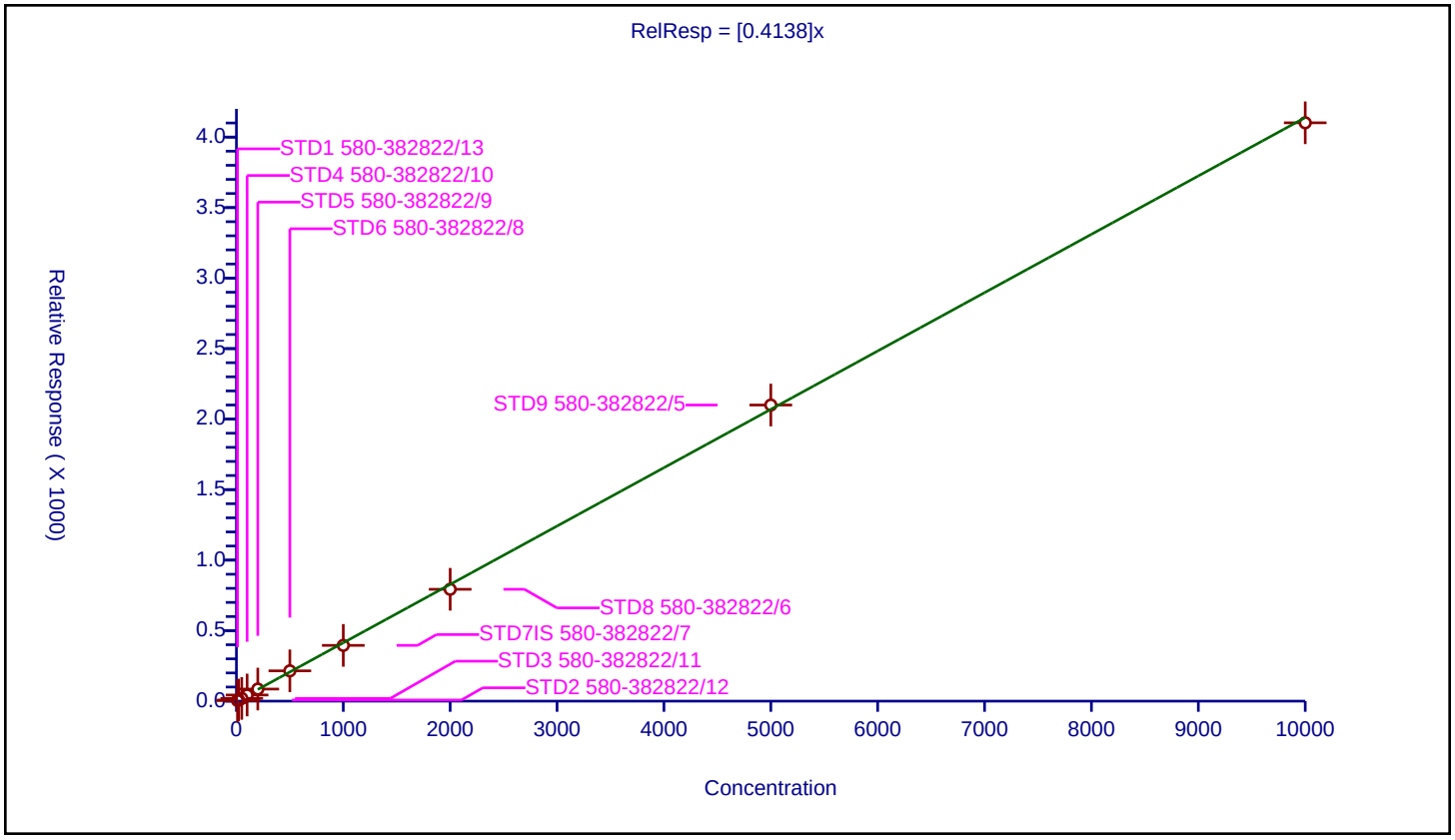
Curve Coefficients

Intercept:	0
Slope:	0.4138

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	4.444948	100.0	57346.0	0.444495	Y
2	STD2 580-382822/12	20.0	7.791173	100.0	60222.0	0.389559	Y
3	STD3 580-382822/11	50.0	19.440328	100.0	68147.0	0.388807	Y
4	STD4 580-382822/10	100.0	43.52777	100.0	66654.0	0.435278	Y
5	STD5 580-382822/9	200.0	85.719556	100.0	67771.0	0.428598	Y
6	STD6 580-382822/8	500.0	214.793265	100.0	71154.0	0.429587	Y
7	STD7IS 580-382822/7	1000.0	395.405447	100.0	78506.0	0.395405	Y
8	STD8 580-382822/6	2000.0	793.128205	100.0	73125.0	0.396564	Y
9	STD9 580-382822/5	5000.0	2099.773438	100.0	73269.0	0.419955	Y
10	STD10 580-382822/4	10000.0	4101.457924	100.0	73735.0	0.410146	Y



Calibration / 2,4,6-Tribromophenol

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

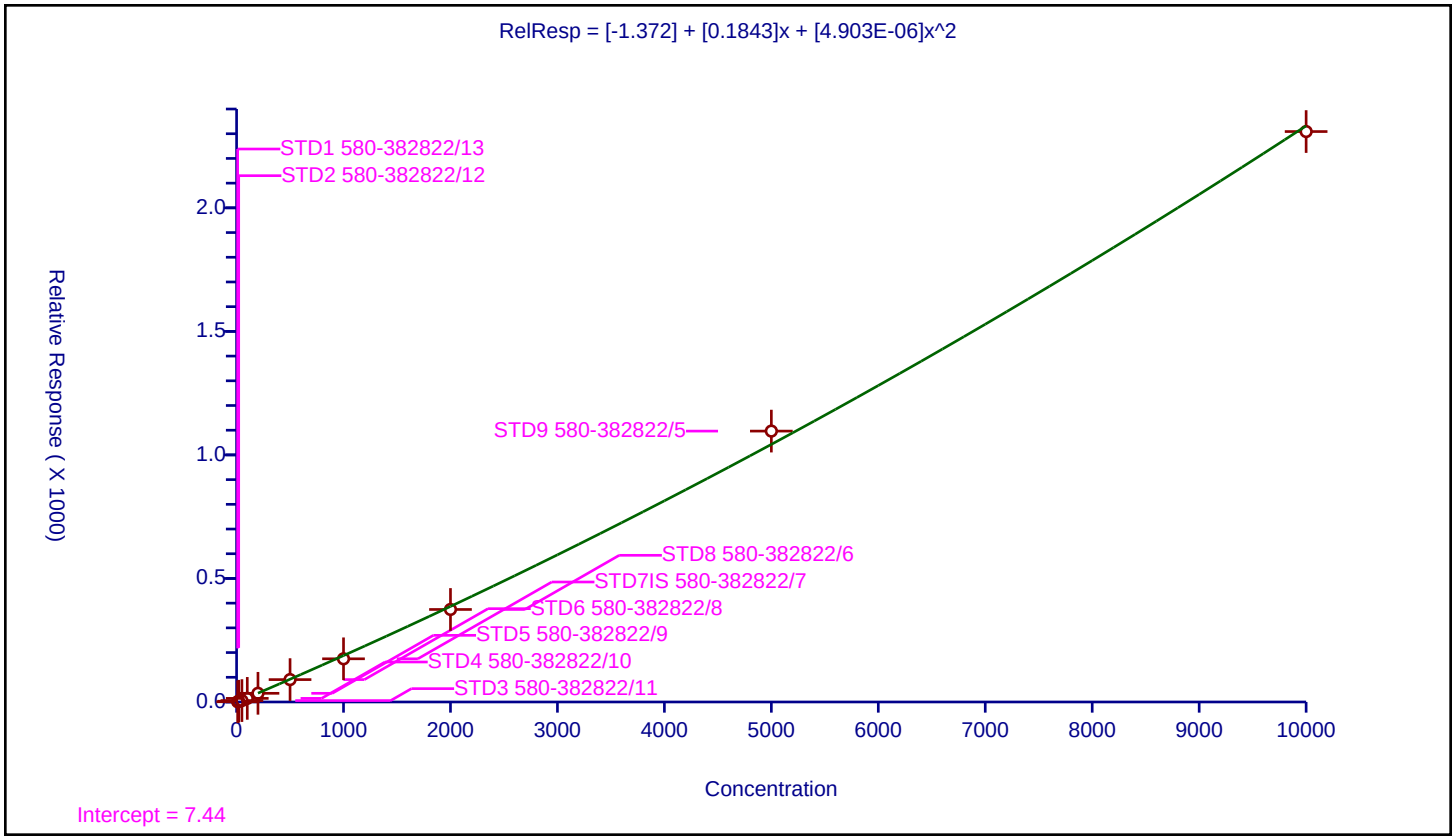
Curve Coefficients

Intercept:	-1.372
Slope:	0.1843
Second Order:	4.903E-06

Error Coefficients

Standard Error:	720000
Relative Standard Error:	16.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	0.948628	100.0	57346.0	0.094863	Y
2	STD2 580-382822/12	20.0	3.04872	100.0	60222.0	0.152436	Y
3	STD3 580-382822/11	50.0	5.677433	100.0	68147.0	0.113549	Y
4	STD4 580-382822/10	100.0	14.647283	100.0	66654.0	0.146473	Y
5	STD5 580-382822/9	200.0	35.152204	100.0	67771.0	0.175761	Y
6	STD6 580-382822/8	500.0	90.580993	100.0	71154.0	0.181162	Y
7	STD7IS 580-382822/7	1000.0	174.762439	100.0	78506.0	0.174762	Y
8	STD8 580-382822/6	2000.0	374.464274	100.0	73125.0	0.187232	Y
9	STD9 580-382822/5	5000.0	1096.439149	100.0	73269.0	0.219288	Y
10	STD10 580-382822/4	10000.0	2308.846545	100.0	73735.0	0.230885	Y



Calibration / 4-Bromophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

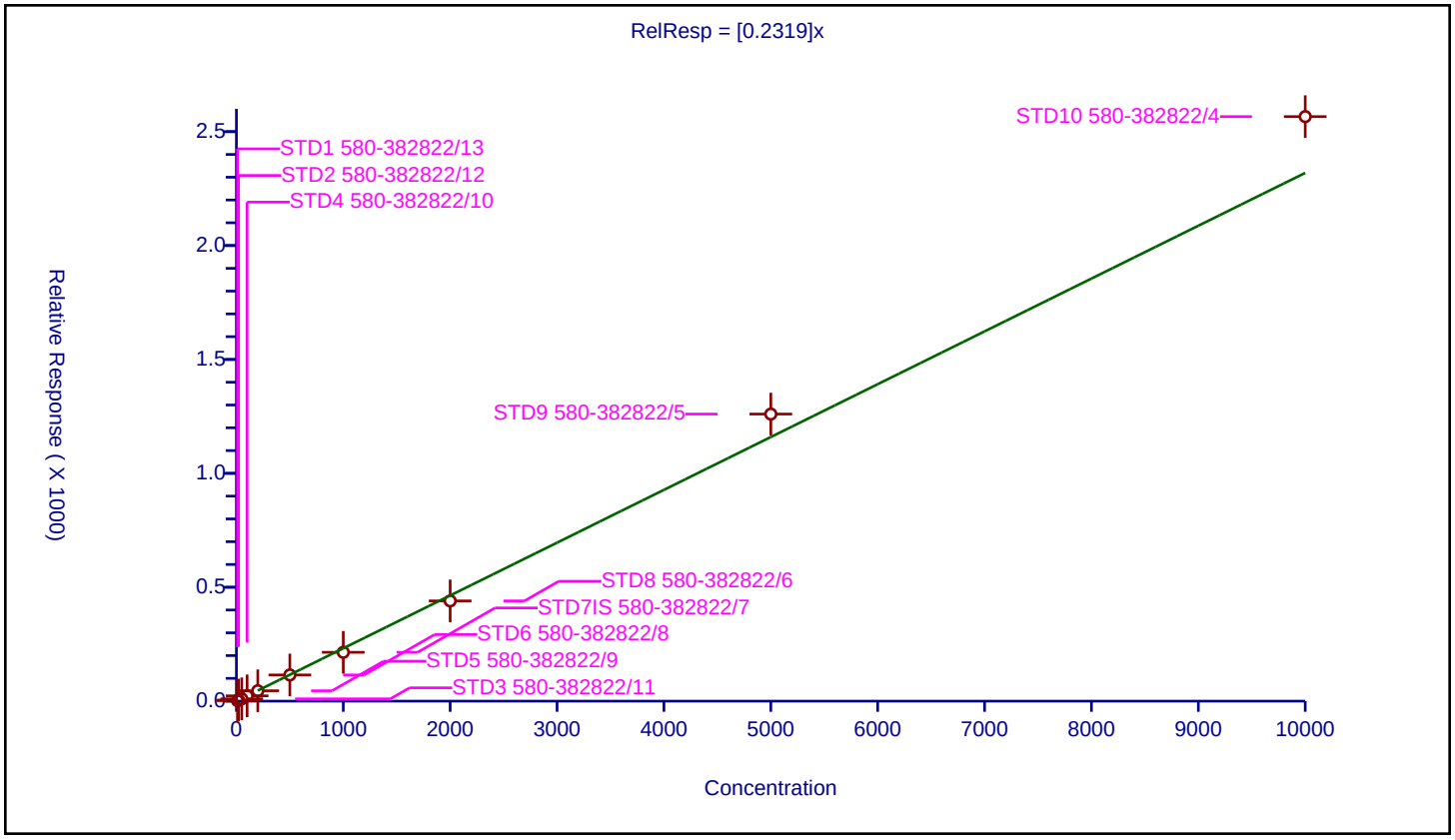
Curve Coefficients

Intercept:	0
Slope:	0.2319

Error Coefficients

Standard Error:	712000
Relative Standard Error:	7.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	2.463991	100.0	57346.0	0.246399	Y
2	STD2 580-382822/12	20.0	4.712564	100.0	60222.0	0.235628	Y
3	STD3 580-382822/11	50.0	10.109029	100.0	68147.0	0.202181	Y
4	STD4 580-382822/10	100.0	23.383443	100.0	66654.0	0.233834	Y
5	STD5 580-382822/9	200.0	45.540128	100.0	67771.0	0.227701	Y
6	STD6 580-382822/8	500.0	115.02094	100.0	71154.0	0.230042	Y
7	STD7IS 580-382822/7	1000.0	214.406542	100.0	78506.0	0.214407	Y
8	STD8 580-382822/6	2000.0	440.084786	100.0	73125.0	0.220042	Y
9	STD9 580-382822/5	5000.0	1260.283339	100.0	73269.0	0.252057	Y
10	STD10 580-382822/4	10000.0	2566.03377	100.0	73735.0	0.256603	Y



Calibration / Hexachlorobenzene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

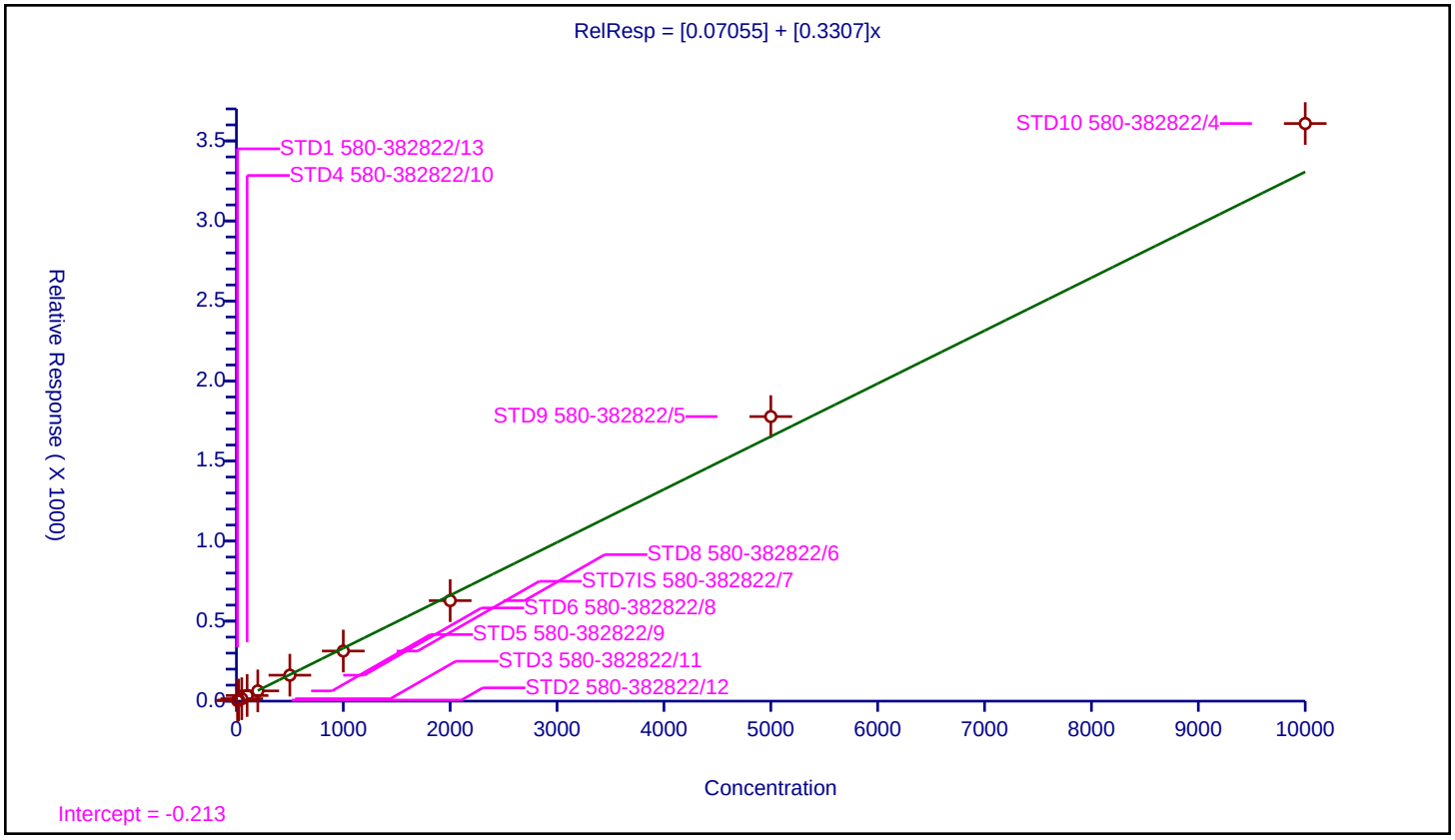
Curve Coefficients

Intercept:	0.07055
Slope:	0.3307

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	6.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	3.423081	100.0	57346.0	0.342308	Y
2	STD2 580-382822/12	20.0	6.675301	100.0	60222.0	0.333765	Y
3	STD3 580-382822/11	50.0	15.2083	100.0	68147.0	0.304166	Y
4	STD4 580-382822/10	100.0	35.174183	100.0	66654.0	0.351742	Y
5	STD5 580-382822/9	200.0	64.014106	100.0	67771.0	0.320071	Y
6	STD6 580-382822/8	500.0	162.160947	100.0	71154.0	0.324322	Y
7	STD7IS 580-382822/7	1000.0	313.104731	100.0	78506.0	0.313105	Y
8	STD8 580-382822/6	2000.0	627.833162	100.0	73125.0	0.313917	Y
9	STD9 580-382822/5	5000.0	1777.855573	100.0	73269.0	0.355571	Y
10	STD10 580-382822/4	10000.0	3608.591578	100.0	73735.0	0.360859	Y



Calibration / Atrazine

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

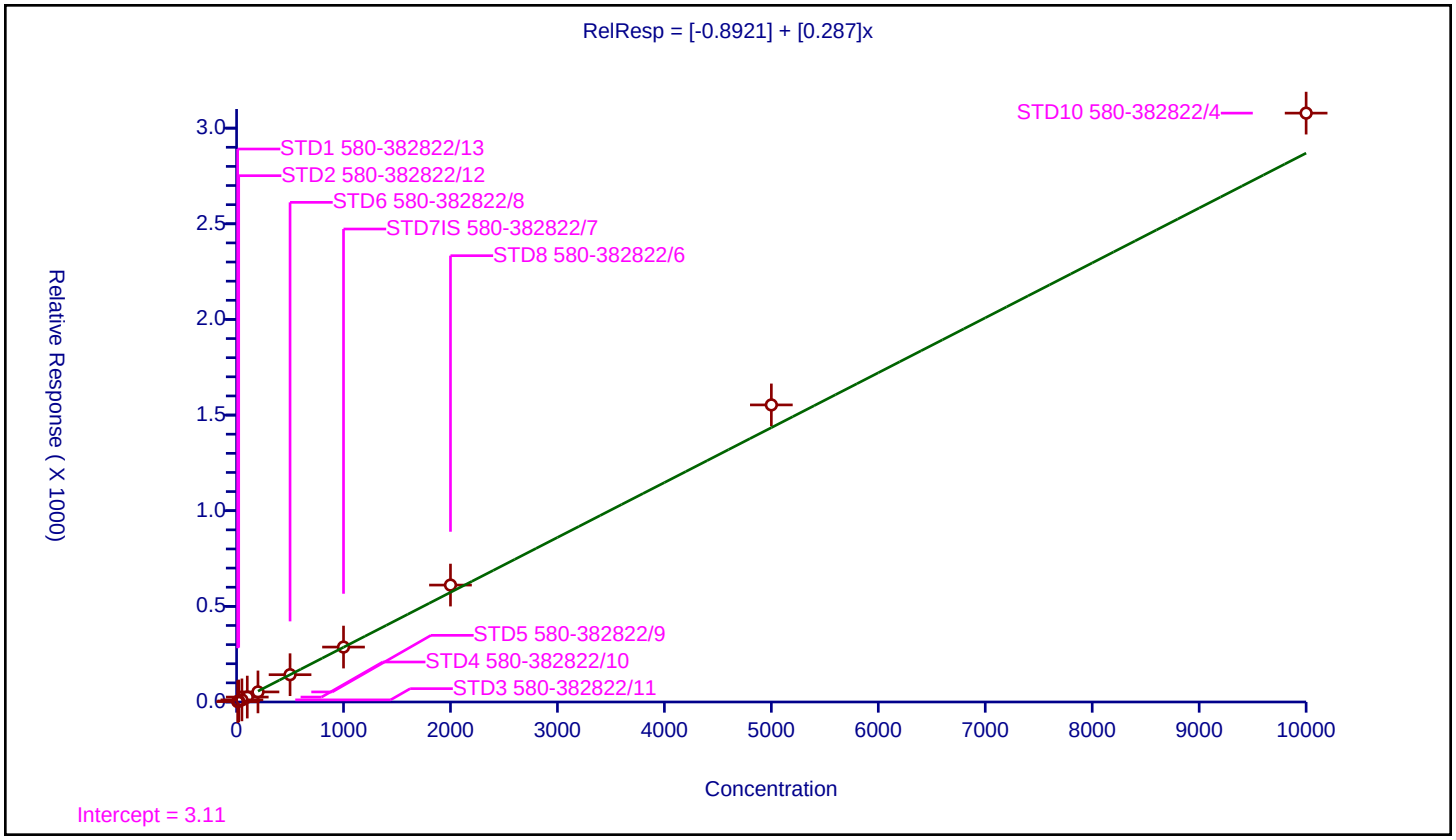
Curve Coefficients

Intercept:	-0.8921
Slope:	0.287

Error Coefficients

Standard Error:	563000
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	1.990526	100.0	39688.0	0.199053	Y
2	STD2 580-382822/12	20.0	5.300044	100.0	41094.0	0.265002	Y
3	STD3 580-382822/11	50.0	11.046803	100.0	43886.0	0.220936	Y
4	STD4 580-382822/10	100.0	25.730053	100.0	43490.0	0.257301	Y
5	STD5 580-382822/9	200.0	52.592343	100.0	44535.0	0.262962	Y
6	STD6 580-382822/8	500.0	142.657822	100.0	45225.0	0.285316	Y
7	STD7IS 580-382822/7	1000.0	287.121017	100.0	46704.0	0.287121	Y
8	STD8 580-382822/6	2000.0	611.312988	100.0	42270.0	0.305656	Y
9	STD9 580-382822/5	5000.0	1553.057216	100.0	46333.0	0.310611	Y
10	STD10 580-382822/4	10000.0	3078.483756	100.0	45217.0	0.307848	Y



Calibration / Pentachlorophenol

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

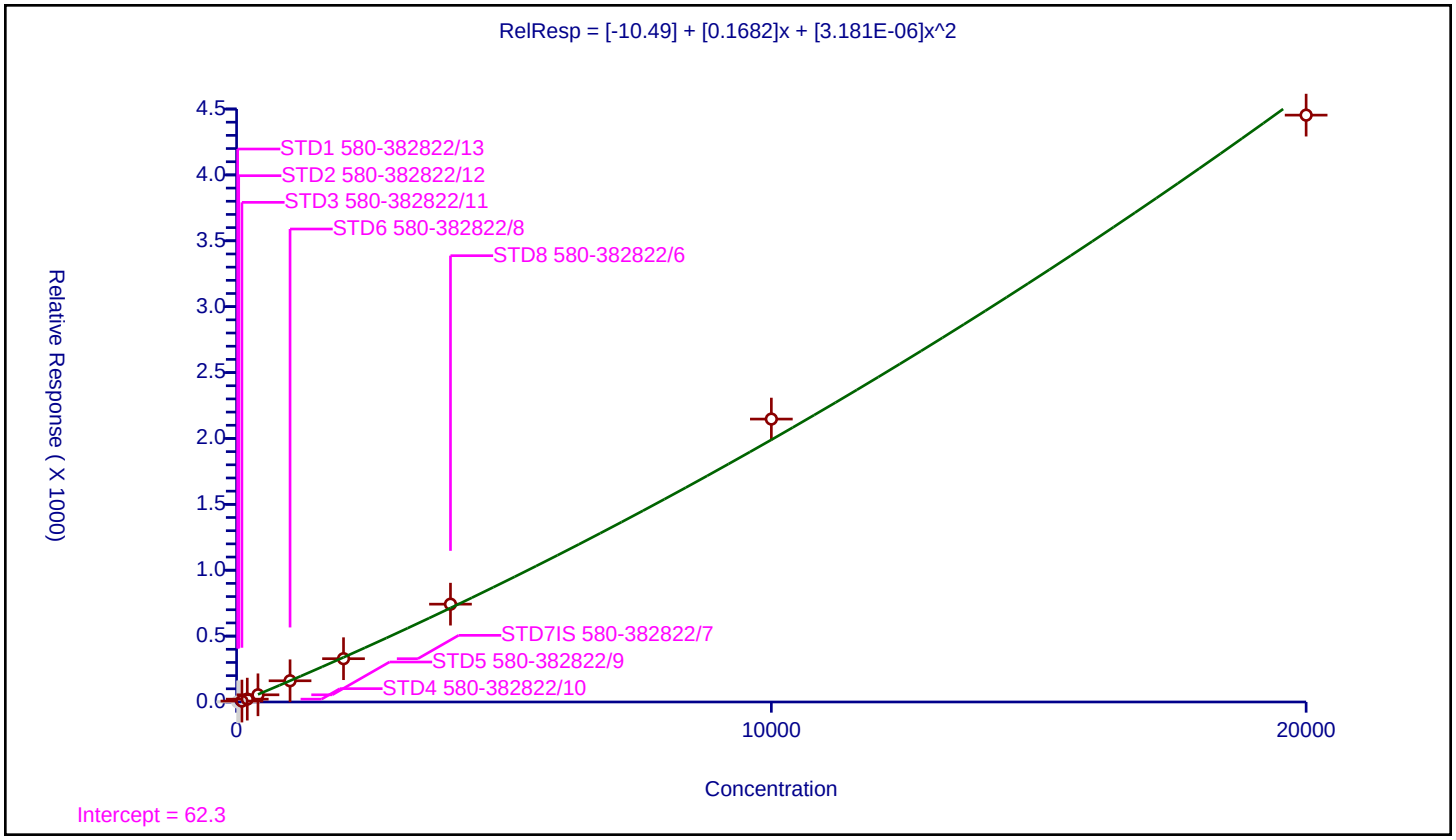
Curve Coefficients

Intercept:	-10.49
Slope:	0.1682
Second Order:	3.181E-06

Error Coefficients

Standard Error:	1650000
Relative Standard Error:	5.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	20.0	0.714958	100.0	57346.0	0.035748	N
2	STD2 580-382822/12	40.0	1.340042	100.0	60222.0	0.033501	N
3	STD3 580-382822/11	100.0	6.936476	100.0	68147.0	0.069365	Y
4	STD4 580-382822/10	200.0	21.652114	100.0	66654.0	0.108261	Y
5	STD5 580-382822/9	400.0	54.495286	100.0	67771.0	0.136238	Y
6	STD6 580-382822/8	1000.0	160.918571	100.0	71154.0	0.160919	Y
7	STD7IS 580-382822/7	2000.0	328.595267	100.0	78506.0	0.164298	Y
8	STD8 580-382822/6	4000.0	742.464274	100.0	73125.0	0.185616	Y
9	STD9 580-382822/5	10000.0	2147.074479	100.0	73269.0	0.214707	Y
10	STD10 580-382822/4	20000.0	4453.704482	100.0	73735.0	0.222685	Y



Calibration / n-Octadecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

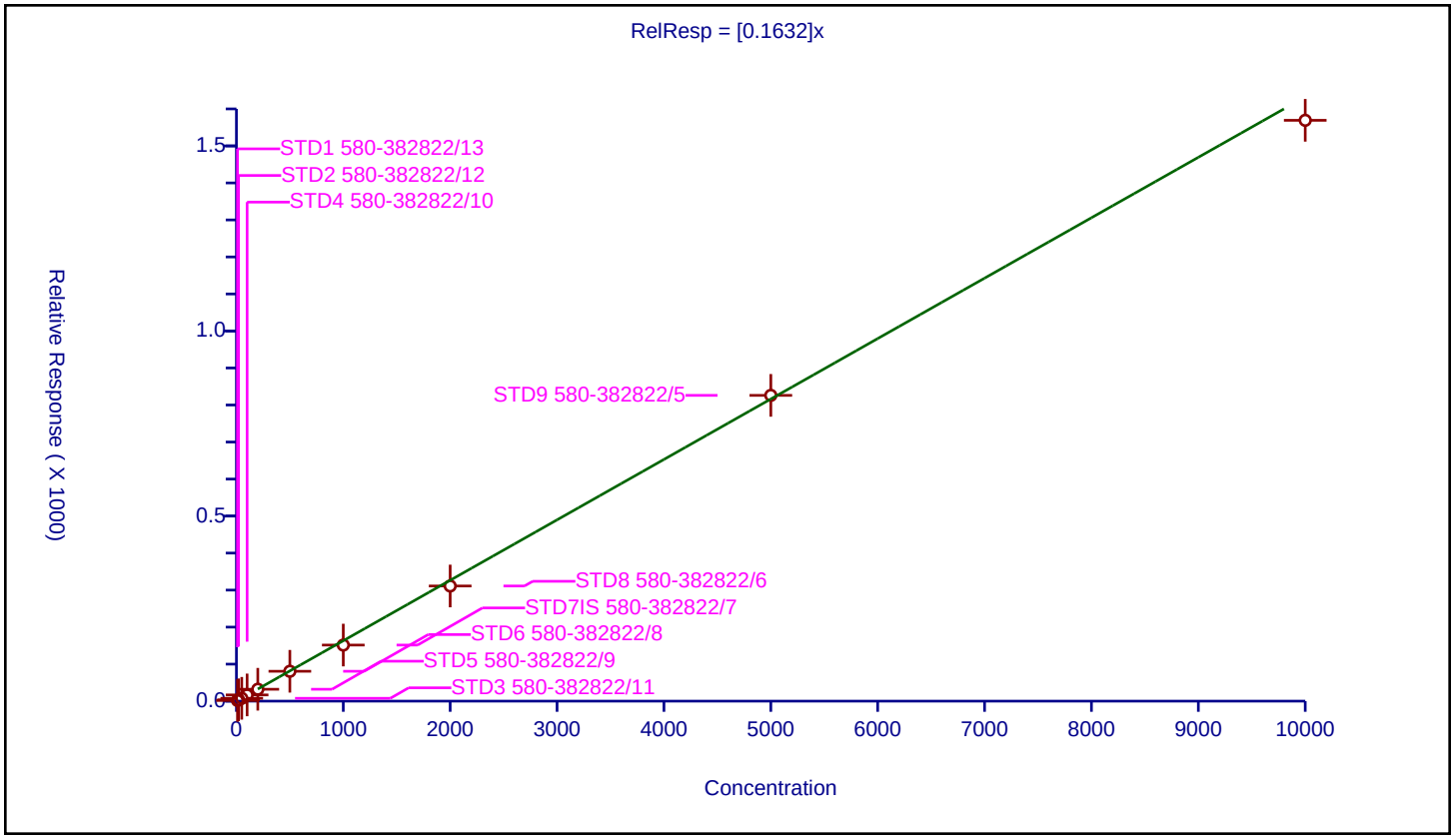
Curve Coefficients

Intercept:	0
Slope:	0.1632

Error Coefficients

Standard Error:	443000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	1.782164	100.0	57346.0	0.178216	Y
2	STD2 580-382822/12	20.0	3.638205	100.0	60222.0	0.18191	Y
3	STD3 580-382822/11	50.0	7.659912	100.0	68147.0	0.153198	Y
4	STD4 580-382822/10	100.0	16.804693	100.0	66654.0	0.168047	Y
5	STD5 580-382822/9	200.0	32.11108	100.0	67771.0	0.160555	Y
6	STD6 580-382822/8	500.0	80.672907	100.0	71154.0	0.161346	Y
7	STD7IS 580-382822/7	1000.0	151.469951	100.0	78506.0	0.15147	Y
8	STD8 580-382822/6	2000.0	311.06188	100.0	73125.0	0.155531	Y
9	STD9 580-382822/5	5000.0	826.060135	100.0	73269.0	0.165212	Y
10	STD10 580-382822/4	10000.0	1569.136774	100.0	73735.0	0.156914	Y



Calibration / Phenanthrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

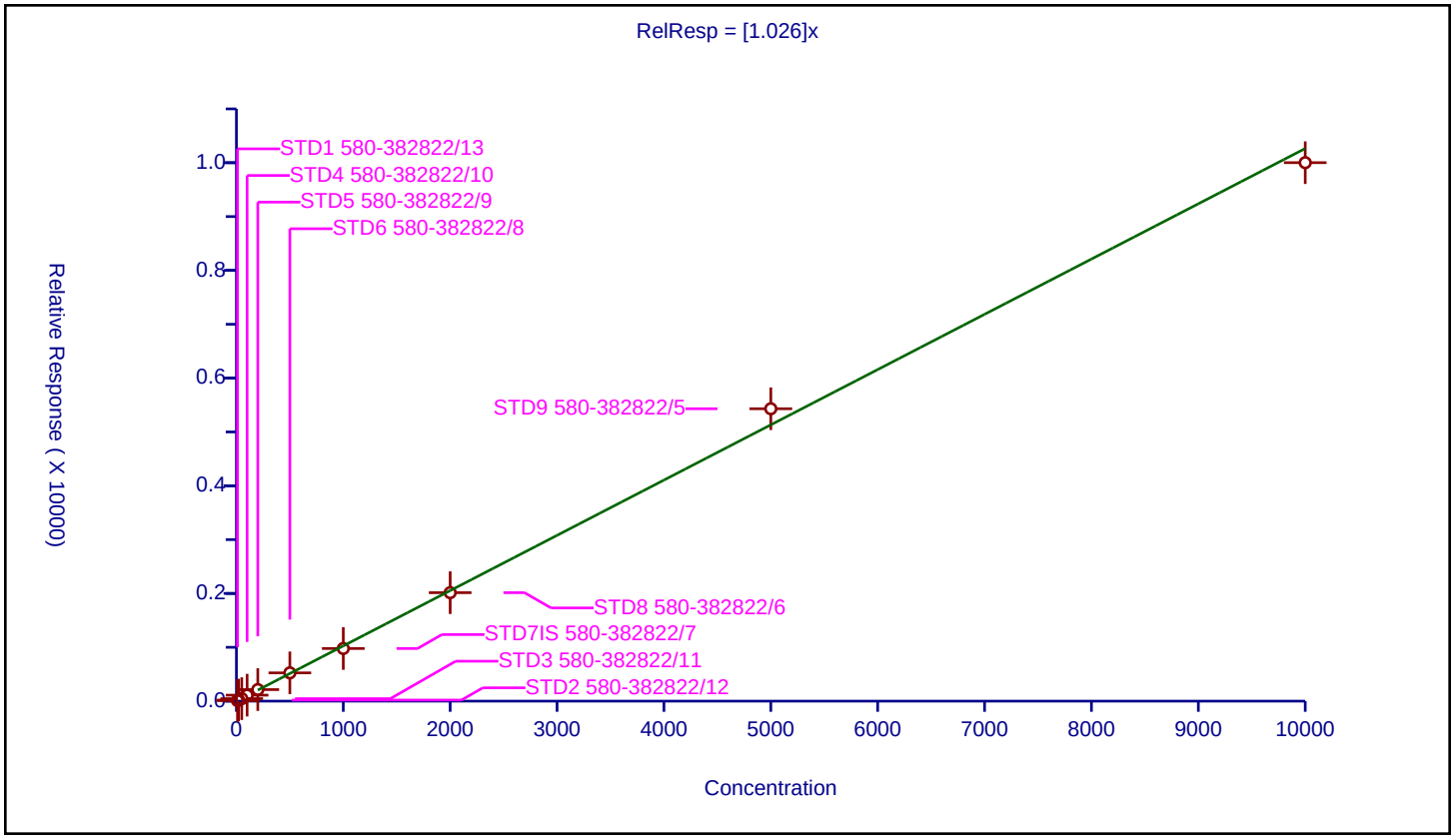
Curve Coefficients

Intercept:	0
Slope:	1.026

Error Coefficients

Standard Error:	2850000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	10.363408	100.0	57346.0	1.036341	Y
2	STD2 580-382822/12	20.0	19.903025	100.0	60222.0	0.995151	Y
3	STD3 580-382822/11	50.0	46.295508	100.0	68147.0	0.92591	Y
4	STD4 580-382822/10	100.0	111.253638	100.0	66654.0	1.112536	Y
5	STD5 580-382822/9	200.0	214.487022	100.0	67771.0	1.072435	Y
6	STD6 580-382822/8	500.0	524.943081	100.0	71154.0	1.049886	Y
7	STD7IS 580-382822/7	1000.0	977.94054	100.0	78506.0	0.977941	Y
8	STD8 580-382822/6	2000.0	2014.613333	100.0	73125.0	1.007307	Y
9	STD9 580-382822/5	5000.0	5430.726501	100.0	73269.0	1.086145	Y
10	STD10 580-382822/4	10000.0	10001.364345	100.0	73735.0	1.000136	Y



Calibration / Anthracene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

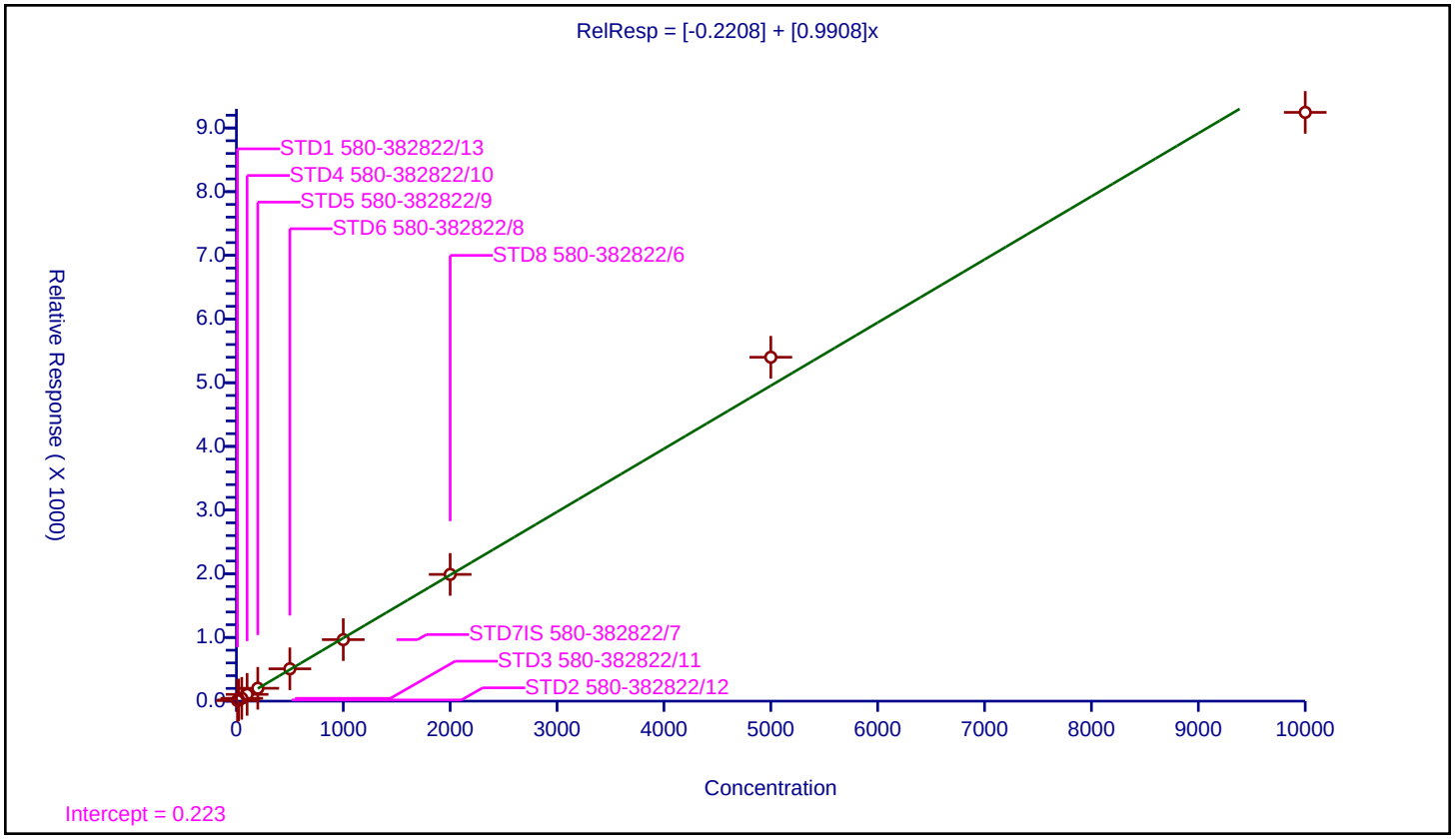
Curve Coefficients

Intercept:	-0.2208
Slope:	0.9908

Error Coefficients

Standard Error:	2850000
Relative Standard Error:	6.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	10.110557	100.0	57346.0	1.011056	Y
2	STD2 580-382822/12	20.0	18.398592	100.0	60222.0	0.91993	Y
3	STD3 580-382822/11	50.0	43.966719	100.0	68147.0	0.879334	Y
4	STD4 580-382822/10	100.0	106.298197	100.0	66654.0	1.062982	Y
5	STD5 580-382822/9	200.0	202.329905	100.0	67771.0	1.01165	Y
6	STD6 580-382822/8	500.0	507.82247	100.0	71154.0	1.015645	Y
7	STD7IS 580-382822/7	1000.0	965.694342	100.0	78506.0	0.965694	Y
8	STD8 580-382822/6	2000.0	1990.296068	100.0	73125.0	0.995148	Y
9	STD9 580-382822/5	5000.0	5400.221103	100.0	73269.0	1.080044	Y
10	STD10 580-382822/4	10000.0	9245.270224	100.0	73735.0	0.924527	Y



Calibration / Carbazole

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

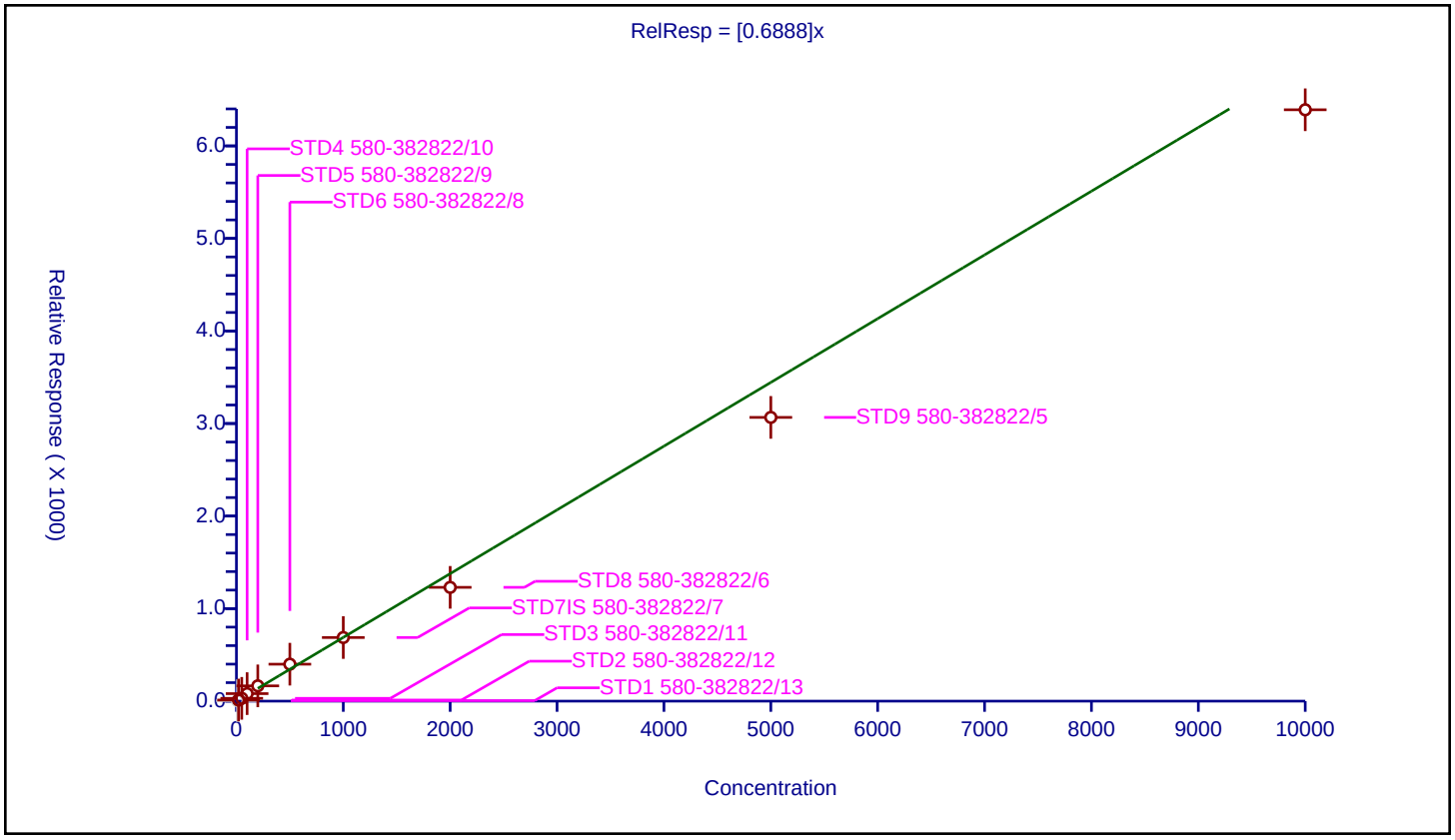
Curve Coefficients

Intercept:	0
Slope:	0.6888

Error Coefficients

Standard Error:	1880000
Relative Standard Error:	14.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	5.405782	100.0	57346.0	0.540578	N
2	STD2 580-382822/12	20.0	12.023845	100.0	60222.0	0.601192	Y
3	STD3 580-382822/11	50.0	30.31975	100.0	68147.0	0.606395	Y
4	STD4 580-382822/10	100.0	81.31545	100.0	66654.0	0.813154	Y
5	STD5 580-382822/9	200.0	165.151761	100.0	67771.0	0.825759	Y
6	STD6 580-382822/8	500.0	399.246704	100.0	71154.0	0.798493	Y
7	STD7IS 580-382822/7	1000.0	687.560186	100.0	78506.0	0.68756	Y
8	STD8 580-382822/6	2000.0	1229.545299	100.0	73125.0	0.614773	Y
9	STD9 580-382822/5	5000.0	3066.188975	100.0	73269.0	0.613238	Y
10	STD10 580-382822/4	10000.0	6390.415678	100.0	73735.0	0.639042	Y



Calibration / Di-n-butyl phthalate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

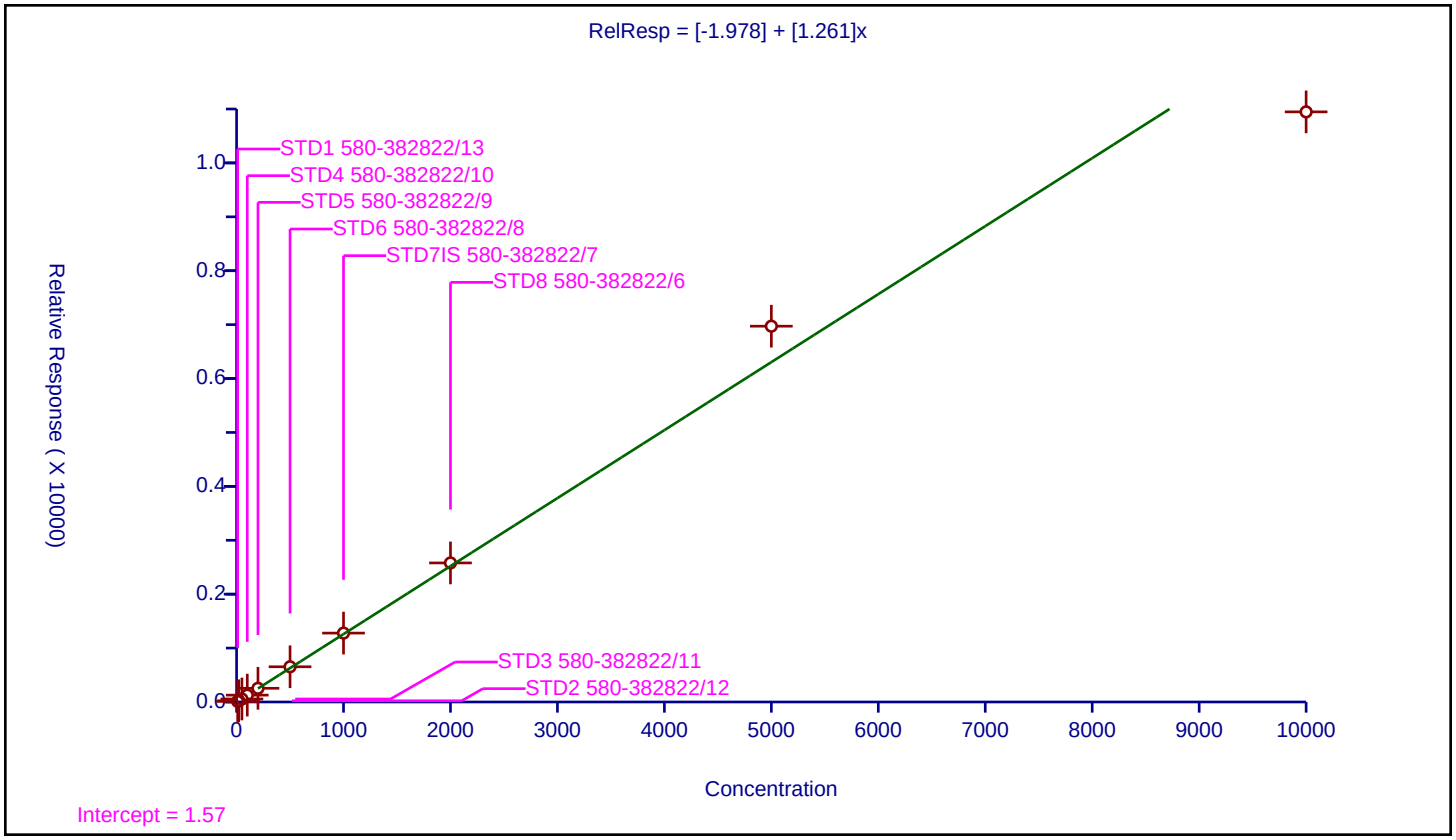
Curve Coefficients

Intercept:	-1.978
Slope:	1.261

Error Coefficients

Standard Error:	3460000
Relative Standard Error:	7.2
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	10.999895	100.0	57346.0	1.09999	Y
2	STD2 580-382822/12	20.0	22.456909	100.0	60222.0	1.122845	Y
3	STD3 580-382822/11	50.0	55.527022	100.0	68147.0	1.11054	Y
4	STD4 580-382822/10	100.0	127.336694	100.0	66654.0	1.273367	Y
5	STD5 580-382822/9	200.0	253.896209	100.0	67771.0	1.269481	Y
6	STD6 580-382822/8	500.0	653.320966	100.0	71154.0	1.306642	Y
7	STD7IS 580-382822/7	1000.0	1277.809339	100.0	78506.0	1.277809	Y
8	STD8 580-382822/6	2000.0	2579.286154	100.0	73125.0	1.289643	Y
9	STD9 580-382822/5	5000.0	6971.07235	100.0	73269.0	1.394214	Y
10	STD10 580-382822/4	10000.0	10947.273344	100.0	73735.0	1.094727	Y



Calibration / Fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

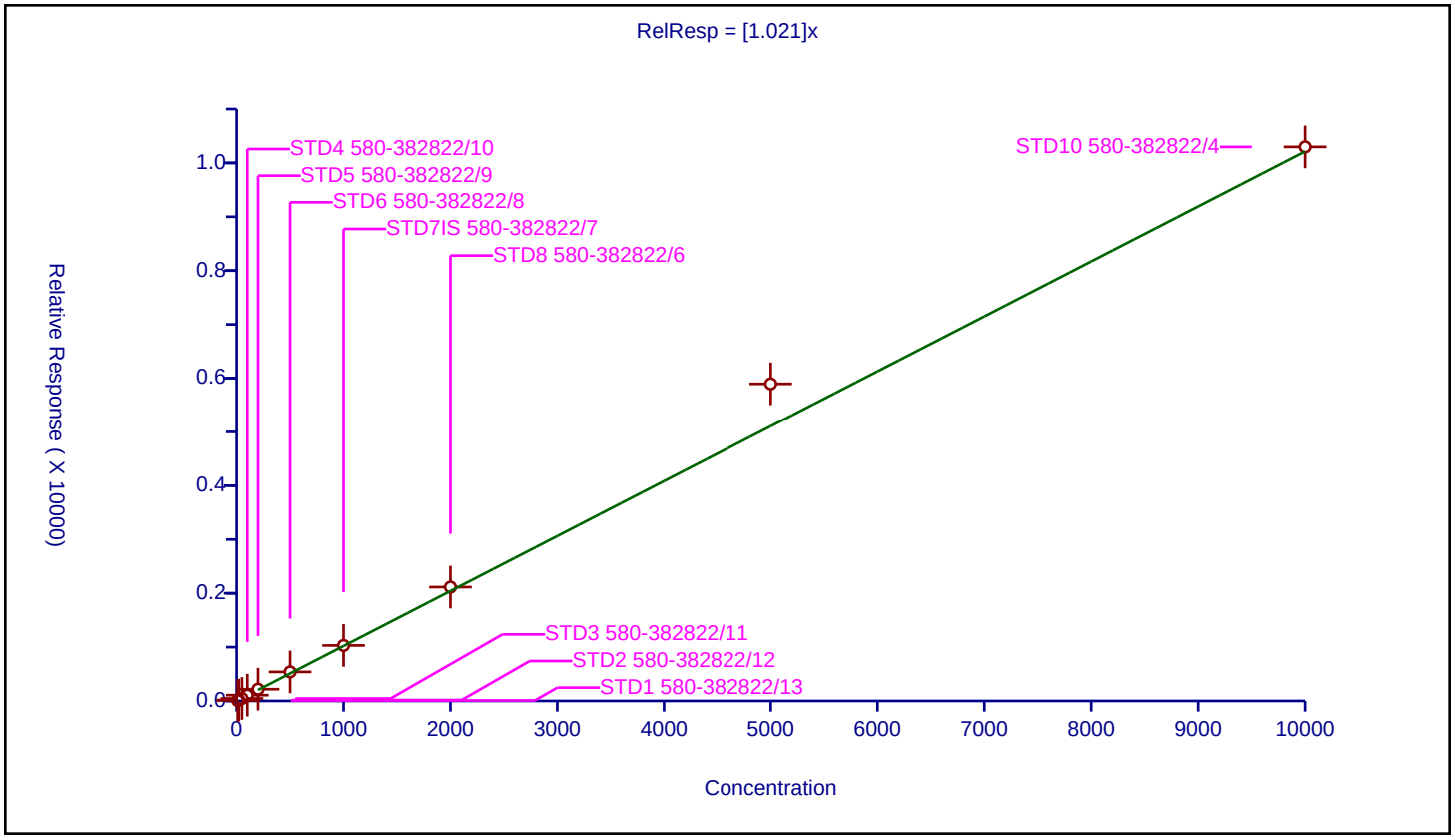
Curve Coefficients

Intercept:	0
Slope:	1.021

Error Coefficients

Standard Error:	2970000
Relative Standard Error:	9.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	8.835839	100.0	57346.0	0.883584	Y
2	STD2 580-382822/12	20.0	17.432168	100.0	60222.0	0.871608	Y
3	STD3 580-382822/11	50.0	45.764304	100.0	68147.0	0.915286	Y
4	STD4 580-382822/10	100.0	107.390404	100.0	66654.0	1.073904	Y
5	STD5 580-382822/9	200.0	218.434138	100.0	67771.0	1.092171	Y
6	STD6 580-382822/8	500.0	539.221969	100.0	71154.0	1.078444	Y
7	STD7IS 580-382822/7	1000.0	1031.321173	100.0	78506.0	1.031321	Y
8	STD8 580-382822/6	2000.0	2115.637607	100.0	73125.0	1.057819	Y
9	STD9 580-382822/5	5000.0	5894.707175	100.0	73269.0	1.178941	Y
10	STD10 580-382822/4	10000.0	10297.785312	100.0	73735.0	1.029779	Y



Calibration / Benzidine

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

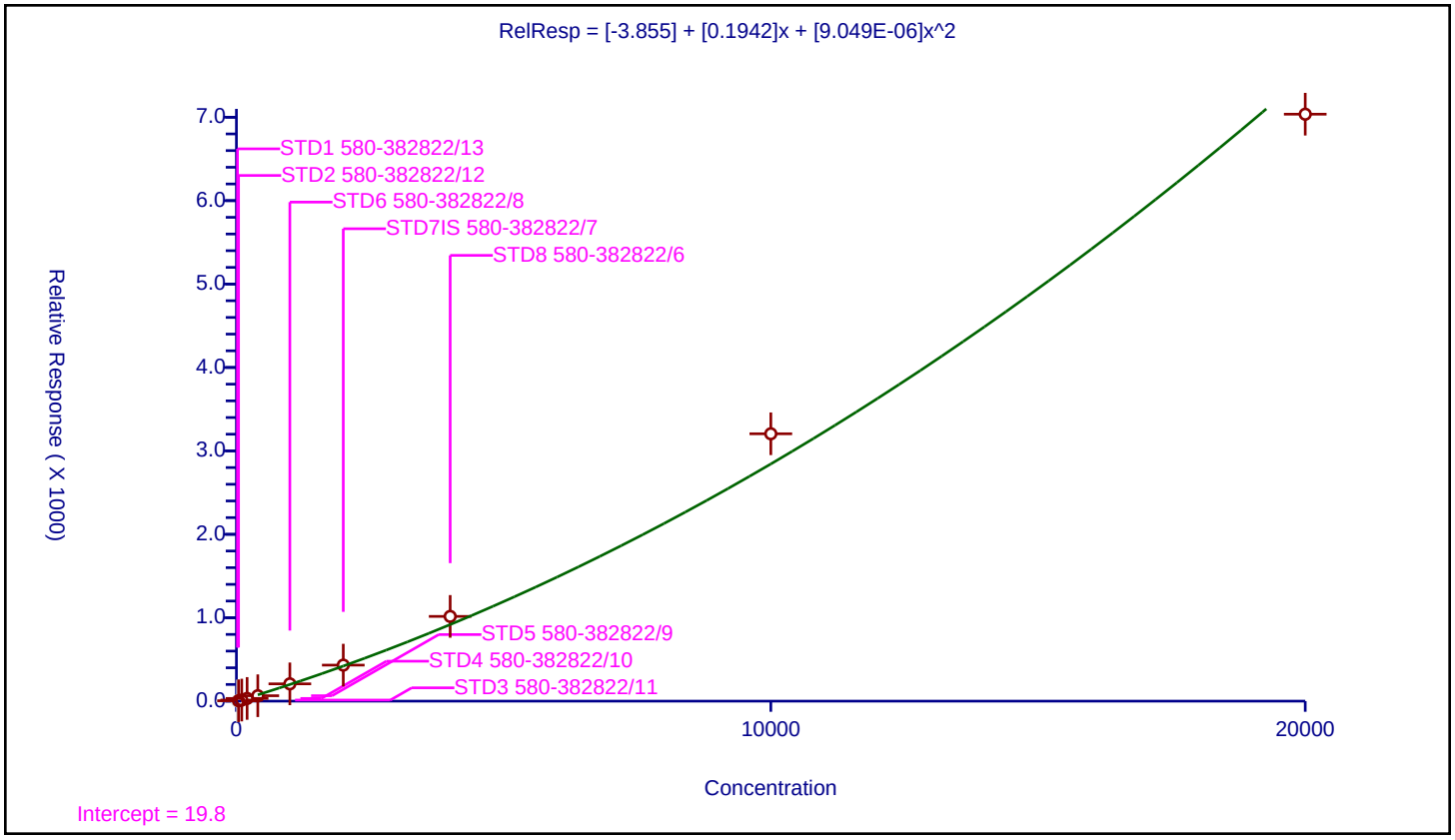
Curve Coefficients

Intercept:	-3.855
Slope:	0.1942
Second Order:	9.049E-06

Error Coefficients

Standard Error:	2350000
Relative Standard Error:	10.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	20.0	2.591288	100.0	57346.0	0.129564	N
2	STD2 580-382822/12	40.0	4.528245	100.0	60222.0	0.113206	Y
3	STD3 580-382822/11	100.0	13.068807	100.0	68147.0	0.130688	Y
4	STD4 580-382822/10	200.0	32.506676	100.0	66654.0	0.162533	Y
5	STD5 580-382822/9	400.0	64.954036	100.0	67771.0	0.162385	Y
6	STD6 580-382822/8	1000.0	207.28139	100.0	71154.0	0.207281	Y
7	STD7IS 580-382822/7	2000.0	431.842152	100.0	78506.0	0.215921	Y
8	STD8 580-382822/6	4000.0	1015.805812	100.0	73125.0	0.253951	Y
9	STD9 580-382822/5	10000.0	3205.08537	100.0	73269.0	0.320509	Y
10	STD10 580-382822/4	20000.0	7036.298908	100.0	73735.0	0.351815	Y



Calibration / Pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

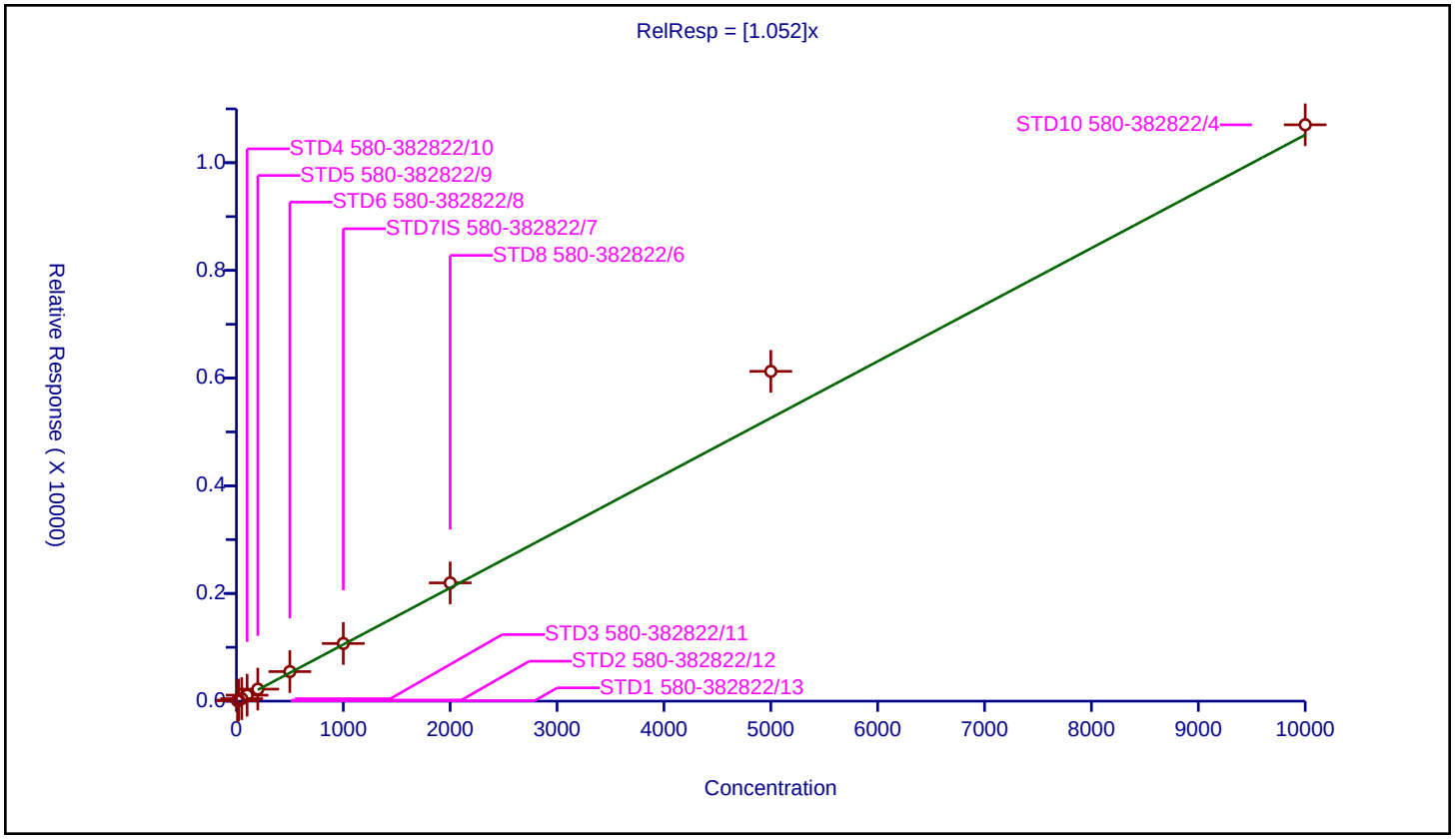
Curve Coefficients

Intercept:	0
Slope:	1.052

Error Coefficients

Standard Error:	3090000
Relative Standard Error:	11.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	7.901161	100.0	57346.0	0.790116	Y
2	STD2 580-382822/12	20.0	20.366311	100.0	60222.0	1.018316	Y
3	STD3 580-382822/11	50.0	45.909578	100.0	68147.0	0.918192	Y
4	STD4 580-382822/10	100.0	111.178624	100.0	66654.0	1.111786	Y
5	STD5 580-382822/9	200.0	223.486447	100.0	67771.0	1.117432	Y
6	STD6 580-382822/8	500.0	548.732327	100.0	71154.0	1.097465	Y
7	STD7IS 580-382822/7	1000.0	1070.528367	100.0	78506.0	1.070528	Y
8	STD8 580-382822/6	2000.0	2196.641368	100.0	73125.0	1.098321	Y
9	STD9 580-382822/5	5000.0	6125.391366	100.0	73269.0	1.225078	Y
10	STD10 580-382822/4	10000.0	10704.428019	100.0	73735.0	1.070443	Y



Calibration / Terphenyl-d14

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

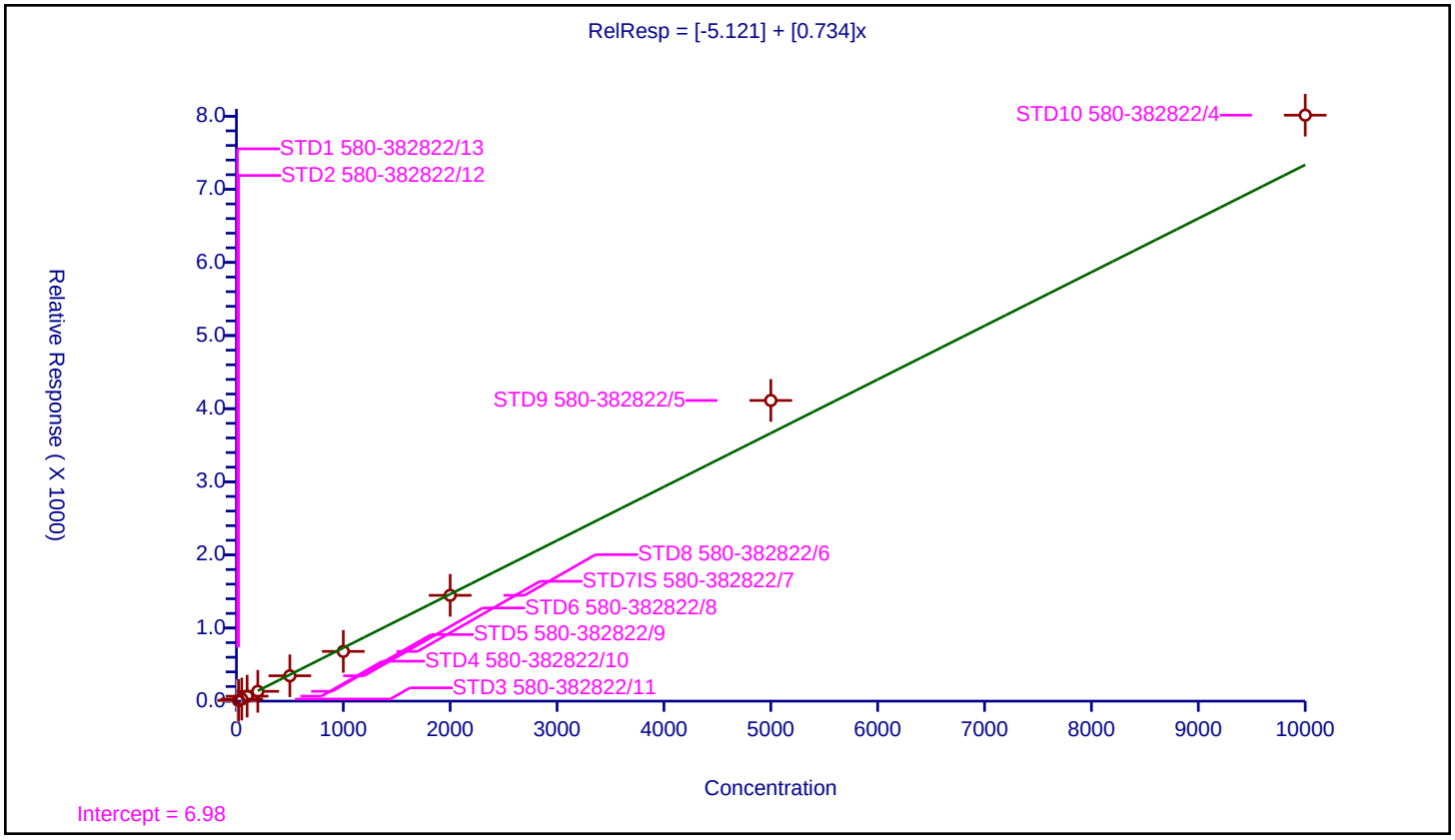
Curve Coefficients

Intercept:	-5.121
Slope:	0.734

Error Coefficients

Standard Error:	2550000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	4.443204	100.0	57346.0	0.44432	N
2	STD2 580-382822/12	20.0	10.16572	100.0	60222.0	0.508286	Y
3	STD3 580-382822/11	50.0	28.550046	100.0	68147.0	0.571001	Y
4	STD4 580-382822/10	100.0	68.024425	100.0	66654.0	0.680244	Y
5	STD5 580-382822/9	200.0	134.144398	100.0	67771.0	0.670722	Y
6	STD6 580-382822/8	500.0	346.778818	100.0	71154.0	0.693558	Y
7	STD7IS 580-382822/7	1000.0	680.234632	100.0	78506.0	0.680235	Y
8	STD8 580-382822/6	2000.0	1447.21094	100.0	73125.0	0.723605	Y
9	STD9 580-382822/5	5000.0	4112.384501	100.0	73269.0	0.822477	Y
10	STD10 580-382822/4	10000.0	8014.062521	100.0	73735.0	0.801406	Y



Calibration / Butyl benzyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

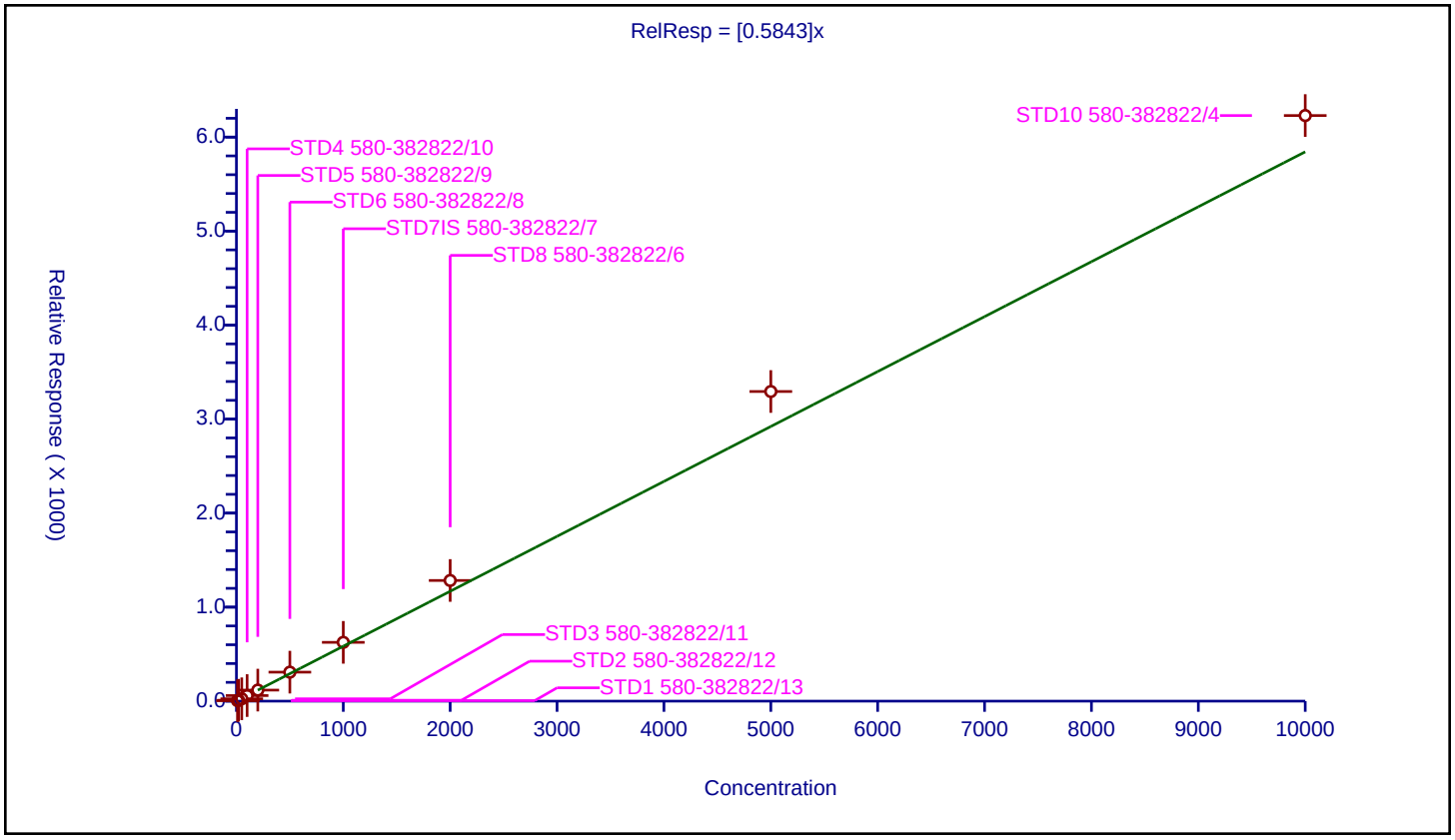
Curve Coefficients

Intercept:	0
Slope:	0.5843

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	10.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	5.23682	100.0	39967.0	0.523682	Y
2	STD2 580-382822/12	20.0	9.403787	100.0	44833.0	0.470189	Y
3	STD3 580-382822/11	50.0	25.067767	100.0	50910.0	0.501355	Y
4	STD4 580-382822/10	100.0	59.462242	100.0	48572.0	0.594622	Y
5	STD5 580-382822/9	200.0	117.522949	100.0	54032.0	0.587615	Y
6	STD6 580-382822/8	500.0	308.399849	100.0	58382.0	0.6168	Y
7	STD7IS 580-382822/7	1000.0	625.537579	100.0	63107.0	0.625538	Y
8	STD8 580-382822/6	2000.0	1283.486459	100.0	62476.0	0.641743	Y
9	STD9 580-382822/5	5000.0	3293.650229	100.0	67467.0	0.65873	Y
10	STD10 580-382822/4	10000.0	6229.051257	100.0	70293.0	0.622905	Y



Calibration / 3,3'-Dichlorobenzidine

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

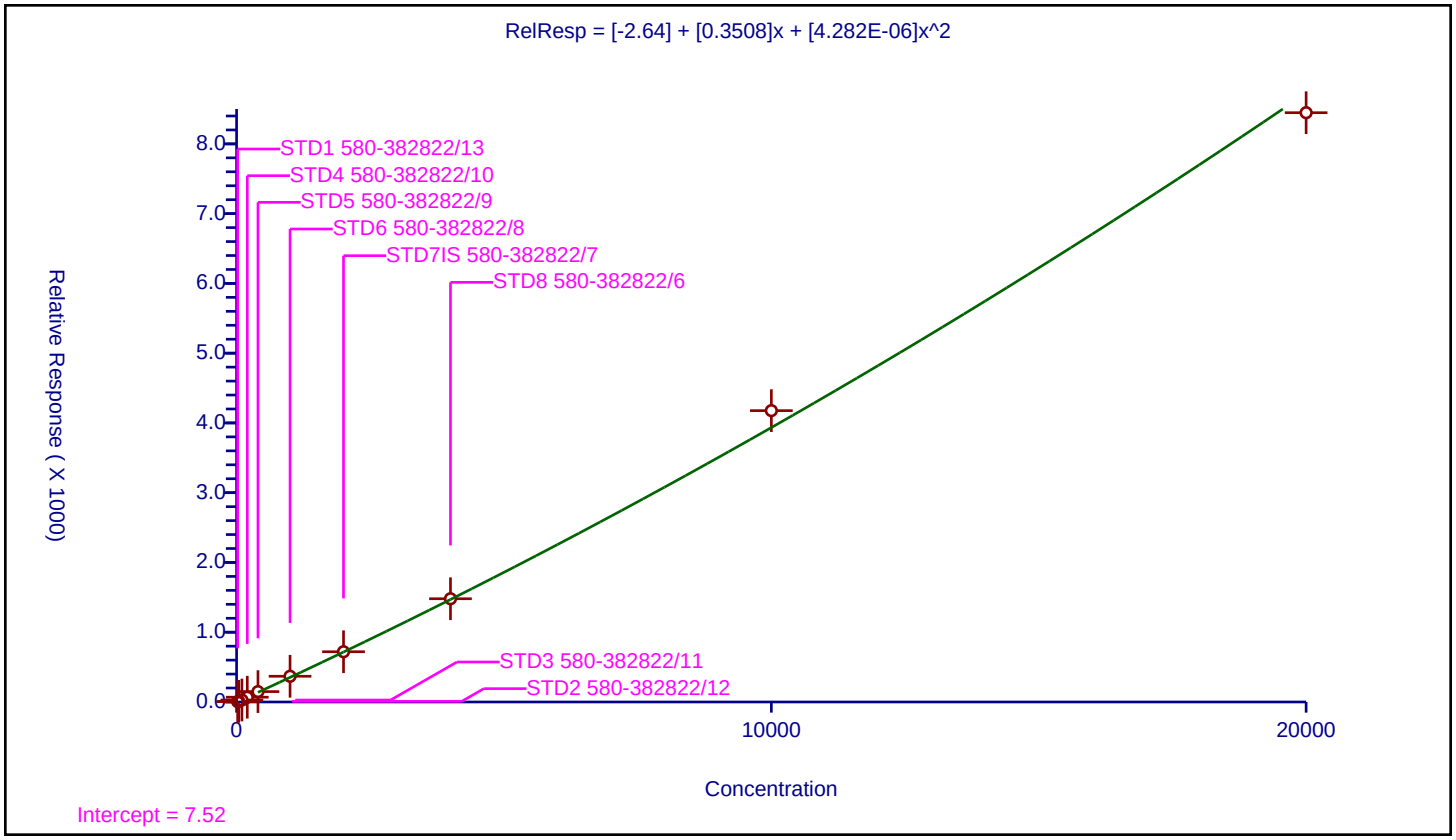
Curve Coefficients

Intercept:	-2.64
Slope:	0.3508
Second Order:	4.282E-06

Error Coefficients

Standard Error:	2510000
Relative Standard Error:	8.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	20.0	4.989116	100.0	39967.0	0.249456	Y
2	STD2 580-382822/12	40.0	9.513082	100.0	44833.0	0.237827	Y
3	STD3 580-382822/11	100.0	27.91593	100.0	50910.0	0.279159	Y
4	STD4 580-382822/10	200.0	68.632134	100.0	48572.0	0.343161	Y
5	STD5 580-382822/9	400.0	148.928413	100.0	54032.0	0.372321	Y
6	STD6 580-382822/8	1000.0	368.613614	100.0	58382.0	0.368614	Y
7	STD7IS 580-382822/7	2000.0	720.246565	100.0	63107.0	0.360123	Y
8	STD8 580-382822/6	4000.0	1479.963506	100.0	62476.0	0.369991	Y
9	STD9 580-382822/5	10000.0	4176.324722	100.0	67467.0	0.417632	Y
10	STD10 580-382822/4	20000.0	8447.12418	100.0	70293.0	0.422356	Y



Calibration / Benzo[a]anthracene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

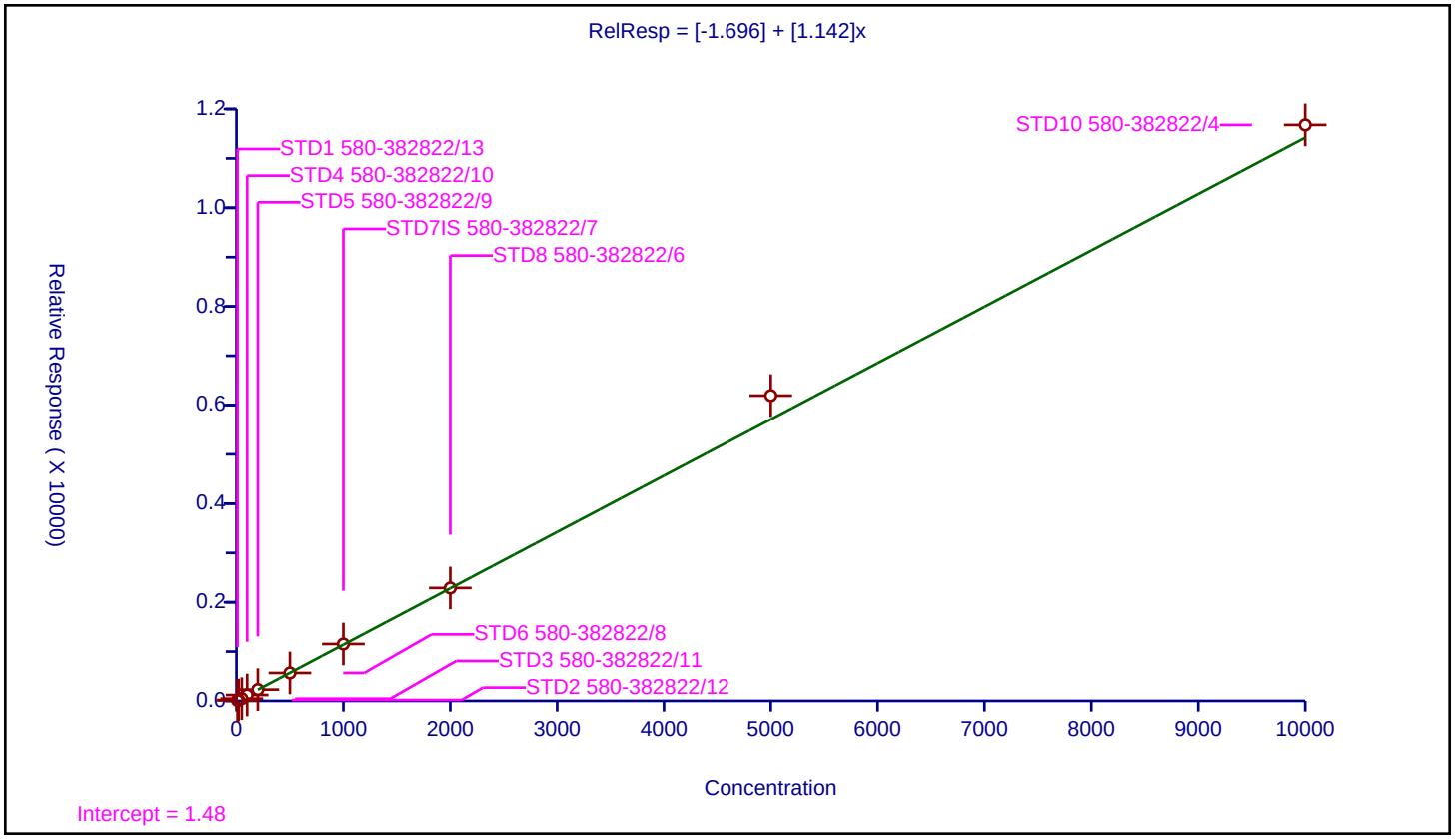
Curve Coefficients

Intercept:	-1.696
Slope:	1.142

Error Coefficients

Standard Error:	3300000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	10.661296	100.0	39967.0	1.06613	Y
2	STD2 580-382822/12	20.0	18.535454	100.0	44833.0	0.926773	Y
3	STD3 580-382822/11	50.0	46.352387	100.0	50910.0	0.927048	Y
4	STD4 580-382822/10	100.0	119.937413	100.0	48572.0	1.199374	Y
5	STD5 580-382822/9	200.0	228.836615	100.0	54032.0	1.144183	Y
6	STD6 580-382822/8	500.0	567.157686	100.0	58382.0	1.134315	Y
7	STD7IS 580-382822/7	1000.0	1154.244379	100.0	63107.0	1.154244	Y
8	STD8 580-382822/6	2000.0	2289.314297	100.0	62476.0	1.144657	Y
9	STD9 580-382822/5	5000.0	6191.512888	100.0	67467.0	1.238303	Y
10	STD10 580-382822/4	10000.0	11678.103083	100.0	70293.0	1.16781	Y



Calibration / Chrysene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

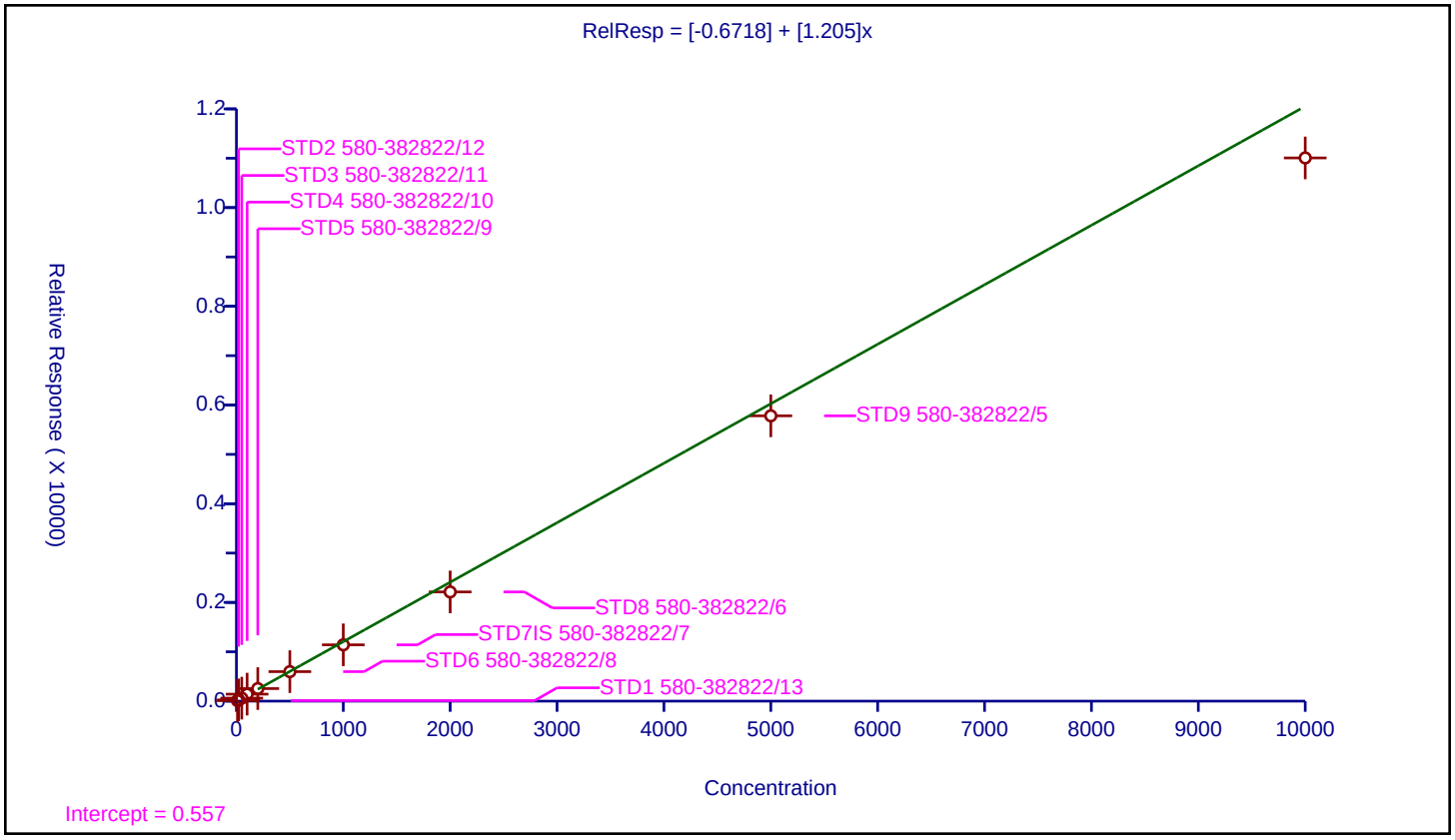
Curve Coefficients

Intercept:	-0.6718
Slope:	1.205

Error Coefficients

Standard Error:	3110000
Relative Standard Error:	8.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	10.661296	100.0	39967.0	1.06613	Y
2	STD2 580-382822/12	20.0	25.177882	100.0	44833.0	1.258894	Y
3	STD3 580-382822/11	50.0	60.832842	100.0	50910.0	1.216657	Y
4	STD4 580-382822/10	100.0	141.390101	100.0	48572.0	1.413901	Y
5	STD5 580-382822/9	200.0	254.317812	100.0	54032.0	1.271589	Y
6	STD6 580-382822/8	500.0	597.590011	100.0	58382.0	1.19518	Y
7	STD7IS 580-382822/7	1000.0	1140.905129	100.0	63107.0	1.140905	Y
8	STD8 580-382822/6	2000.0	2212.78571	100.0	62476.0	1.106393	Y
9	STD9 580-382822/5	5000.0	5781.008493	100.0	67467.0	1.156202	Y
10	STD10 580-382822/4	10000.0	11006.588138	100.0	70293.0	1.100659	Y



Calibration / Bis(2-ethylhexyl) phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

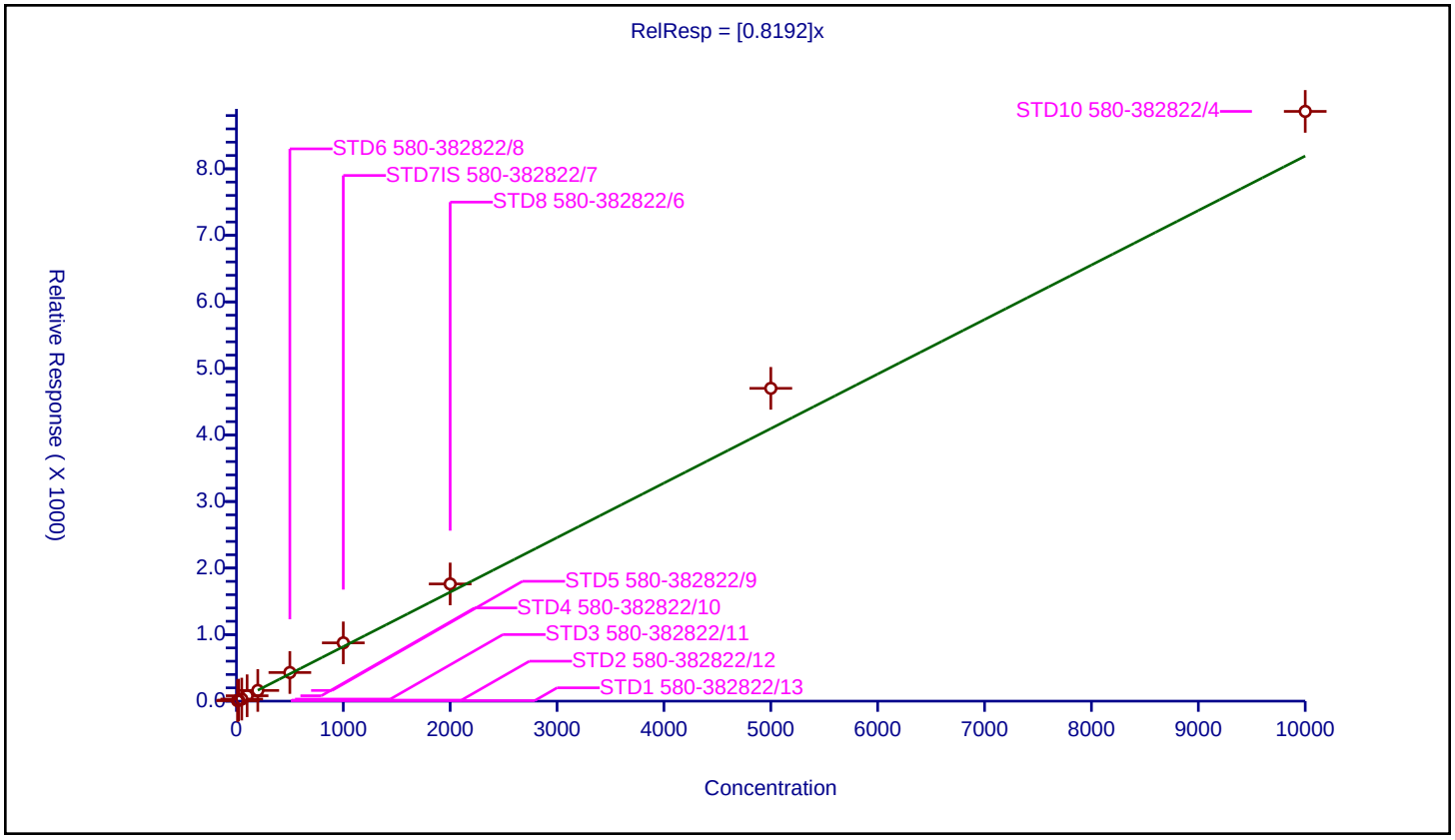
Curve Coefficients

Intercept:	0
Slope:	0.8192

Error Coefficients

Standard Error:	2360000
Relative Standard Error:	11.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	7.493682	100.0	39967.0	0.749368	Y
2	STD2 580-382822/12	20.0	15.30346	100.0	44833.0	0.765173	Y
3	STD3 580-382822/11	50.0	30.995875	100.0	50910.0	0.619918	Y
4	STD4 580-382822/10	100.0	80.993165	100.0	48572.0	0.809932	Y
5	STD5 580-382822/9	200.0	160.88244	100.0	54032.0	0.804412	Y
6	STD6 580-382822/8	500.0	430.127437	100.0	58382.0	0.860255	Y
7	STD7IS 580-382822/7	1000.0	875.944032	100.0	63107.0	0.875944	Y
8	STD8 580-382822/6	2000.0	1761.346757	100.0	62476.0	0.880673	Y
9	STD9 580-382822/5	5000.0	4700.847822	100.0	67467.0	0.94017	Y
10	STD10 580-382822/4	10000.0	8862.405929	100.0	70293.0	0.886241	Y



Calibration / Di-n-octyl phthalate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

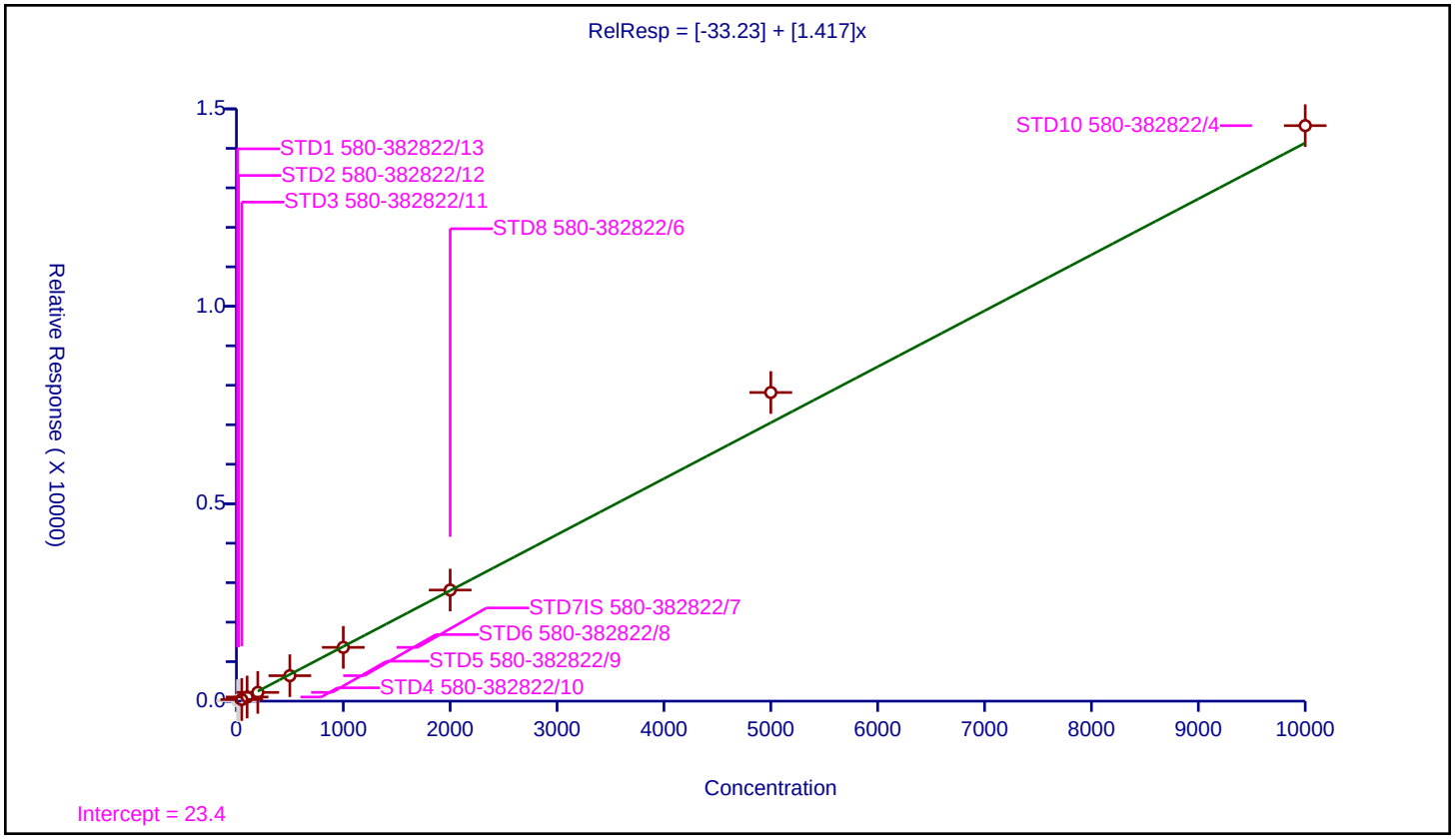
Curve Coefficients

Intercept:	-33.23
Slope:	1.417

Error Coefficients

Standard Error:	4800000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	8.787225	100.0	46340.0	0.878722	N
2	STD2 580-382822/12	20.0	16.652169	100.0	50582.0	0.832608	N
3	STD3 580-382822/11	50.0	40.576598	100.0	56816.0	0.811532	Y
4	STD4 580-382822/10	100.0	104.943616	100.0	54980.0	1.049436	Y
5	STD5 580-382822/9	200.0	221.439203	100.0	54419.0	1.107196	Y
6	STD6 580-382822/8	500.0	644.842133	100.0	61159.0	1.289684	Y
7	STD7IS 580-382822/7	1000.0	1361.806812	100.0	65242.0	1.361807	Y
8	STD8 580-382822/6	2000.0	2814.091543	100.0	63861.0	1.407046	Y
9	STD9 580-382822/5	5000.0	7817.207648	100.0	67778.0	1.563442	Y
10	STD10 580-382822/4	10000.0	14575.970099	100.0	70766.0	1.457597	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

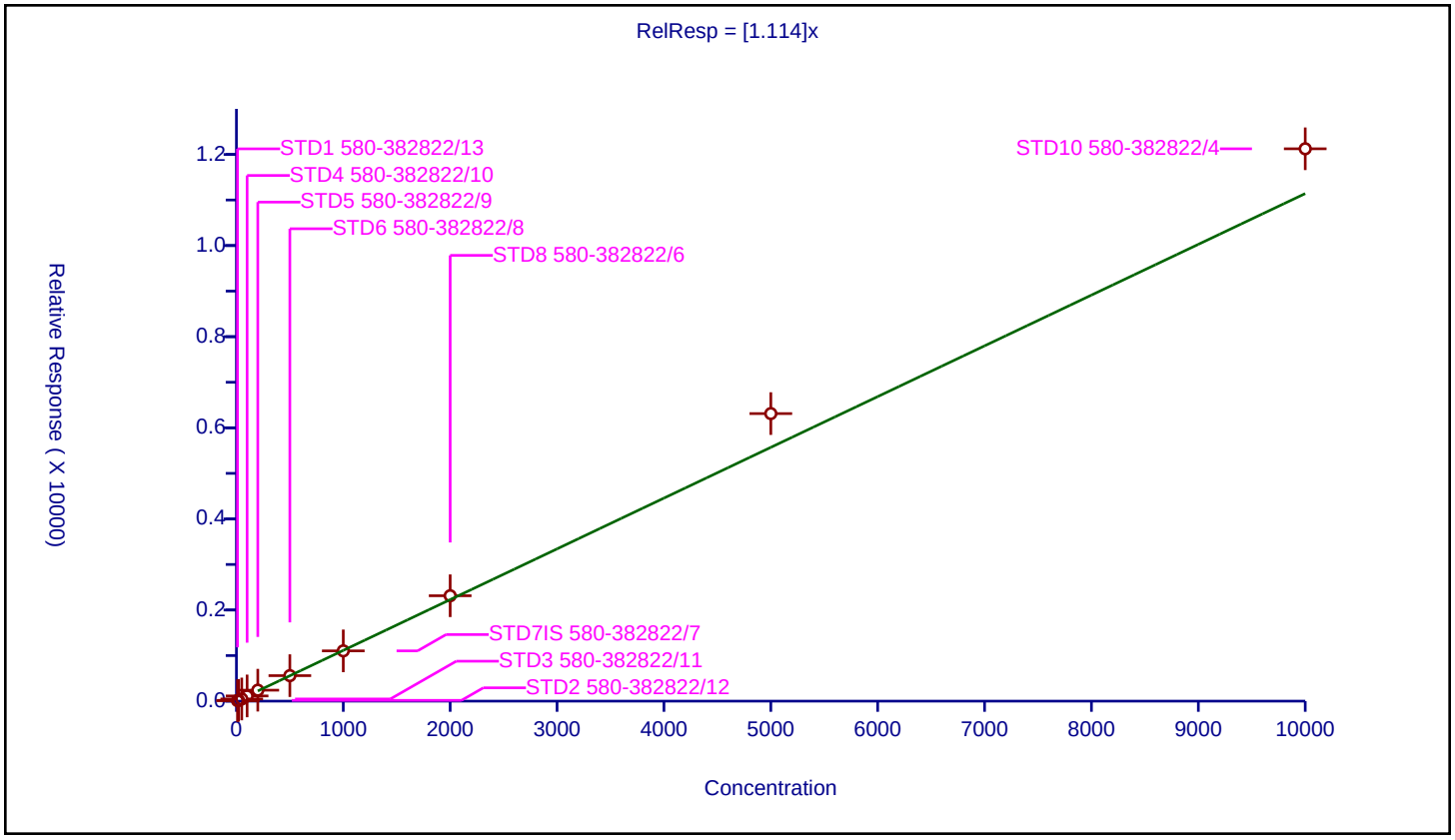
Curve Coefficients

Intercept:	0
Slope:	1.114

Error Coefficients

Standard Error:	3240000
Relative Standard Error:	10.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	11.262408	100.0	46340.0	1.126241	Y
2	STD2 580-382822/12	20.0	17.257127	100.0	50582.0	0.862856	Y
3	STD3 580-382822/11	50.0	47.65735	100.0	56816.0	0.953147	Y
4	STD4 580-382822/10	100.0	114.172426	100.0	54980.0	1.141724	Y
5	STD5 580-382822/9	200.0	240.399493	100.0	54419.0	1.201997	Y
6	STD6 580-382822/8	500.0	559.855459	100.0	61159.0	1.119711	Y
7	STD7IS 580-382822/7	1000.0	1103.578983	100.0	65242.0	1.103579	Y
8	STD8 580-382822/6	2000.0	2313.577927	100.0	63861.0	1.156789	Y
9	STD9 580-382822/5	5000.0	6311.825371	100.0	67778.0	1.262365	Y
10	STD10 580-382822/4	10000.0	12124.436876	100.0	70766.0	1.212444	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

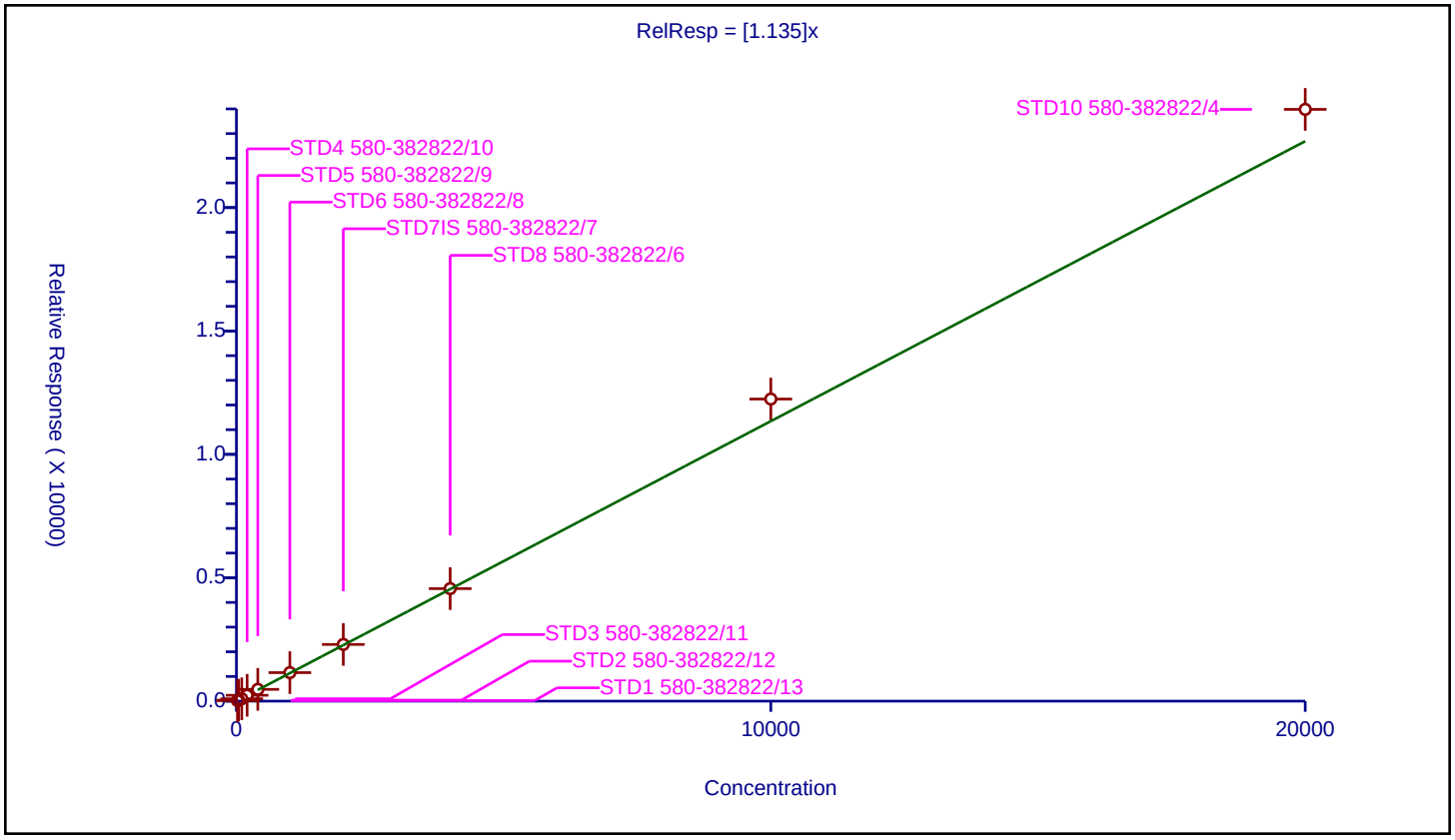
Curve Coefficients

Intercept:	0
Slope:	1.135

Error Coefficients

Standard Error:	6390000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	20.0	22.3306	100.0	46340.0	1.11653	Y
2	STD2 580-382822/12	40.0	40.820845	100.0	50582.0	1.020521	Y
3	STD3 580-382822/11	100.0	95.84624	100.0	56816.0	0.958462	Y
4	STD4 580-382822/10	200.0	237.655511	100.0	54980.0	1.188278	Y
5	STD5 580-382822/9	400.0	477.449053	100.0	54419.0	1.193623	Y
6	STD6 580-382822/8	1000.0	1155.887114	100.0	61159.0	1.155887	Y
7	STD7IS 580-382822/7	2000.0	2297.414242	100.0	65242.0	1.148707	Y
8	STD8 580-382822/6	4000.0	4559.021938	100.0	63861.0	1.139755	Y
9	STD9 580-382822/5	10000.0	12242.231993	100.0	67778.0	1.224223	Y
10	STD10 580-382822/4	20000.0	23980.301275	100.0	70766.0	1.199015	Y



Calibration / Benzo[k]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

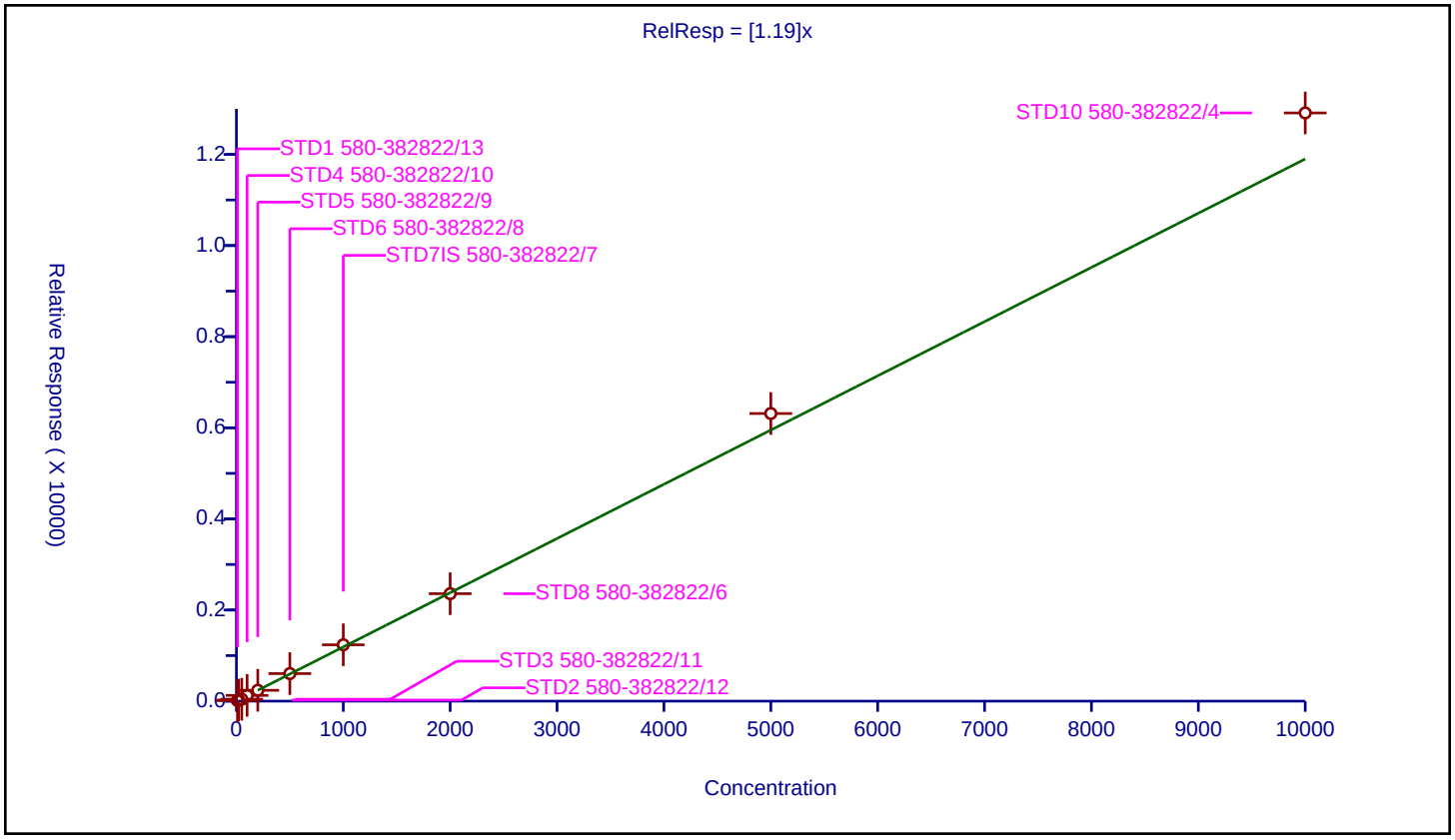
Curve Coefficients

Intercept:	0
Slope:	1.19

Error Coefficients

Standard Error:	3410000
Relative Standard Error:	10.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	12.419076	100.0	46340.0	1.241908	Y
2	STD2 580-382822/12	20.0	23.632913	100.0	50582.0	1.181646	Y
3	STD3 580-382822/11	50.0	42.345466	100.0	56816.0	0.846909	Y
4	STD4 580-382822/10	100.0	125.863951	100.0	54980.0	1.25864	Y
5	STD5 580-382822/9	200.0	238.442456	100.0	54419.0	1.192212	Y
6	STD6 580-382822/8	500.0	604.615837	100.0	61159.0	1.209232	Y
7	STD7IS 580-382822/7	1000.0	1236.550075	100.0	65242.0	1.23655	Y
8	STD8 580-382822/6	2000.0	2358.600711	100.0	63861.0	1.1793	Y
9	STD9 580-382822/5	5000.0	6313.730119	100.0	67778.0	1.262746	Y
10	STD10 580-382822/4	10000.0	12911.268123	100.0	70766.0	1.291127	Y



Calibration / Benzo[a]pyrene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

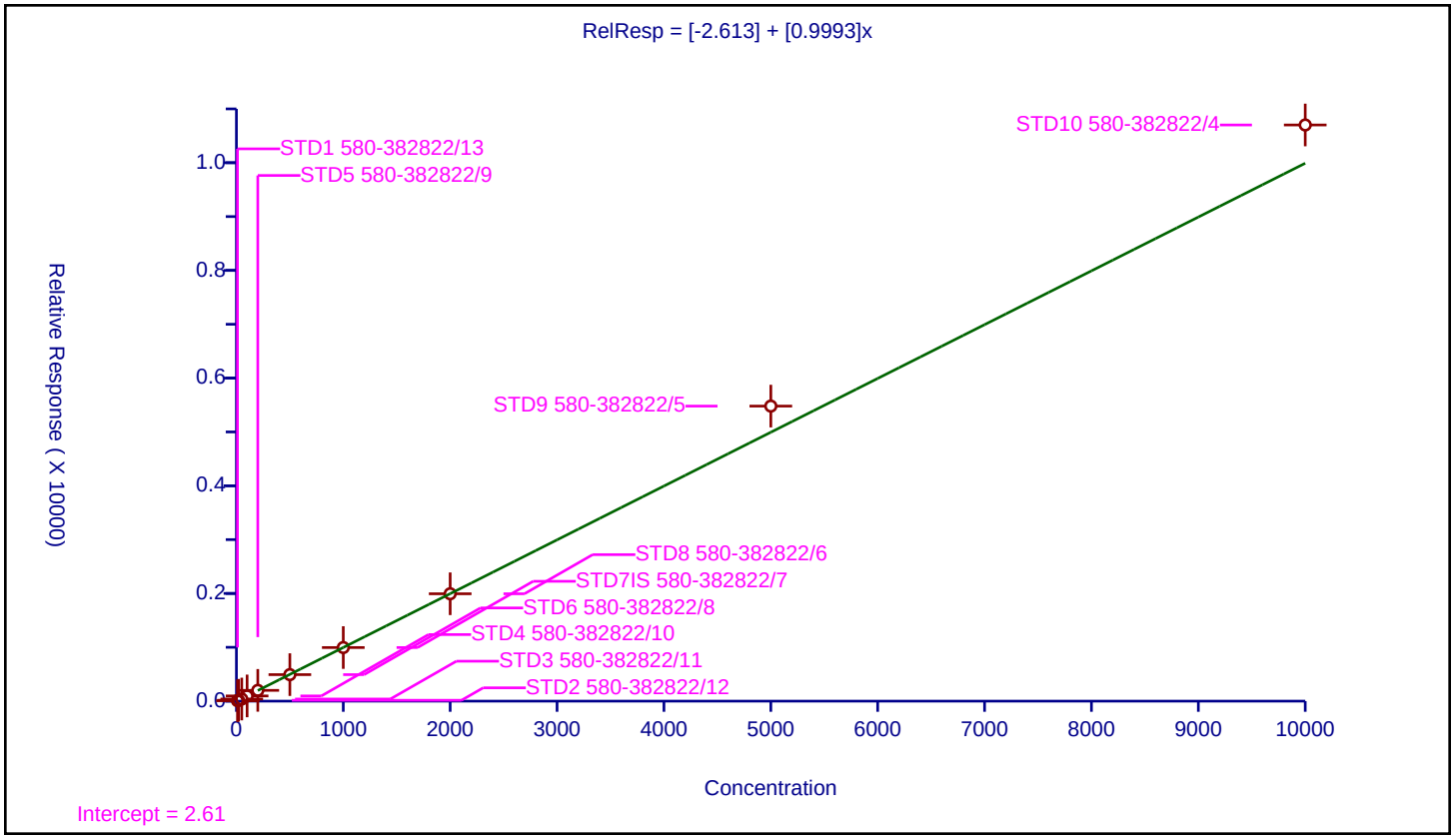
Curve Coefficients

Intercept:	-2.613
Slope:	0.9993

Error Coefficients

Standard Error:	3020000
Relative Standard Error:	7.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	8.027622	100.0	46340.0	0.802762	Y
2	STD2 580-382822/12	20.0	16.084773	100.0	50582.0	0.804239	Y
3	STD3 580-382822/11	50.0	39.258308	100.0	56816.0	0.785166	Y
4	STD4 580-382822/10	100.0	96.489633	100.0	54980.0	0.964896	Y
5	STD5 580-382822/9	200.0	199.86218	100.0	54419.0	0.999311	Y
6	STD6 580-382822/8	500.0	492.454095	100.0	61159.0	0.984908	Y
7	STD7IS 580-382822/7	1000.0	995.361883	100.0	65242.0	0.995362	Y
8	STD8 580-382822/6	2000.0	1994.21243	100.0	63861.0	0.997106	Y
9	STD9 580-382822/5	5000.0	5479.716132	100.0	67778.0	1.095943	Y
10	STD10 580-382822/4	10000.0	10701.431478	100.0	70766.0	1.070143	Y



Calibration / Indeno[1,2,3-cd]pyrene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

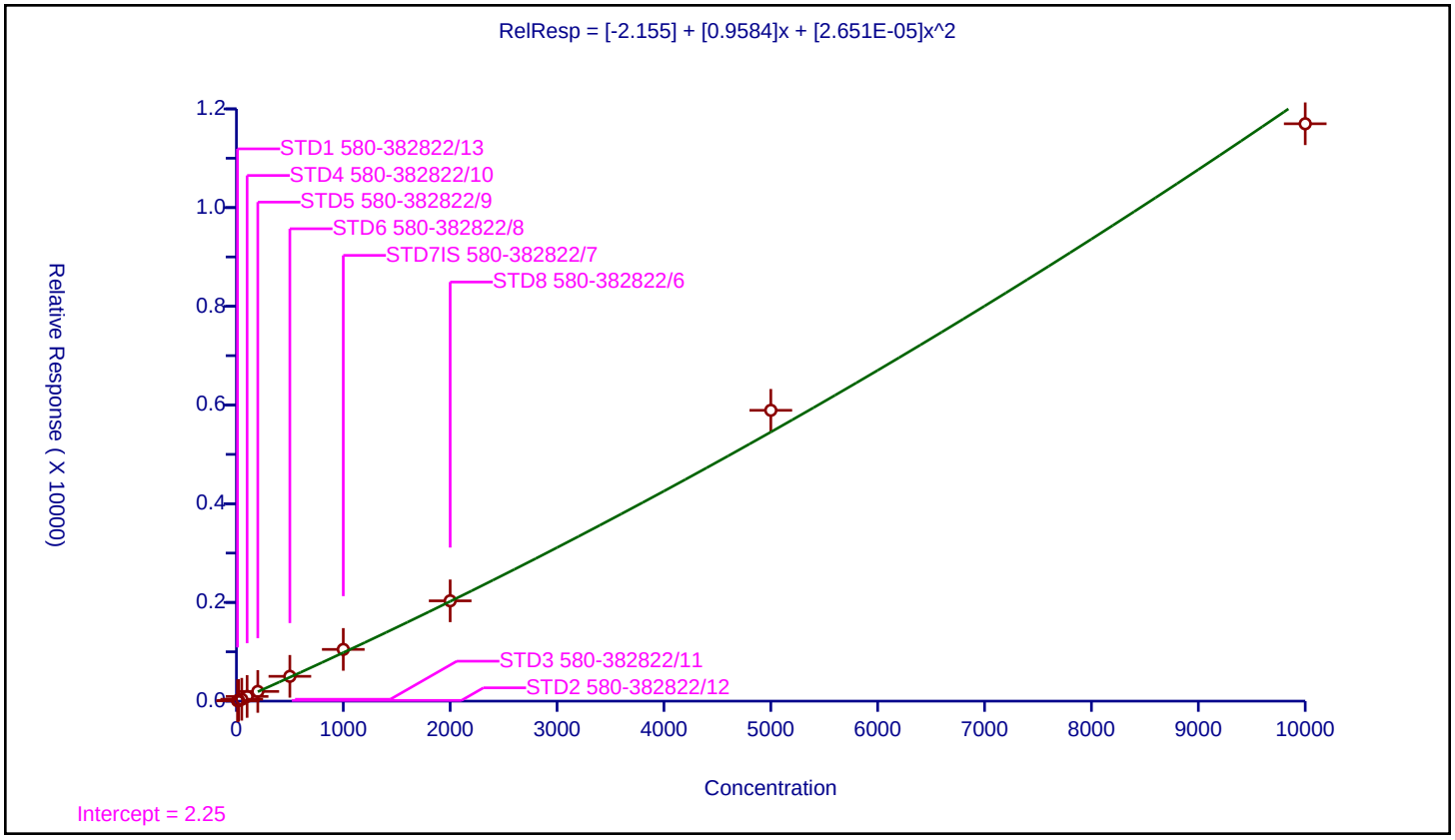
Curve Coefficients

Intercept:	-2.155
Slope:	0.9584
Second Order:	2.651E-05

Error Coefficients

Standard Error:	3520000
Relative Standard Error:	9.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	8.286577	100.0	46340.0	0.828658	Y
2	STD2 580-382822/12	20.0	14.653434	100.0	50582.0	0.732672	Y
3	STD3 580-382822/11	50.0	38.249789	100.0	56816.0	0.764996	Y
4	STD4 580-382822/10	100.0	94.985449	100.0	54980.0	0.949854	Y
5	STD5 580-382822/9	200.0	196.683144	100.0	54419.0	0.983416	Y
6	STD6 580-382822/8	500.0	502.692981	100.0	61159.0	1.005386	Y
7	STD7IS 580-382822/7	1000.0	1048.068729	100.0	65242.0	1.048069	Y
8	STD8 580-382822/6	2000.0	2032.669391	100.0	63861.0	1.016335	Y
9	STD9 580-382822/5	5000.0	5892.478385	100.0	67778.0	1.178496	Y
10	STD10 580-382822/4	10000.0	11698.861035	100.0	70766.0	1.169886	Y



Calibration / Dibenz(a,h)anthracene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

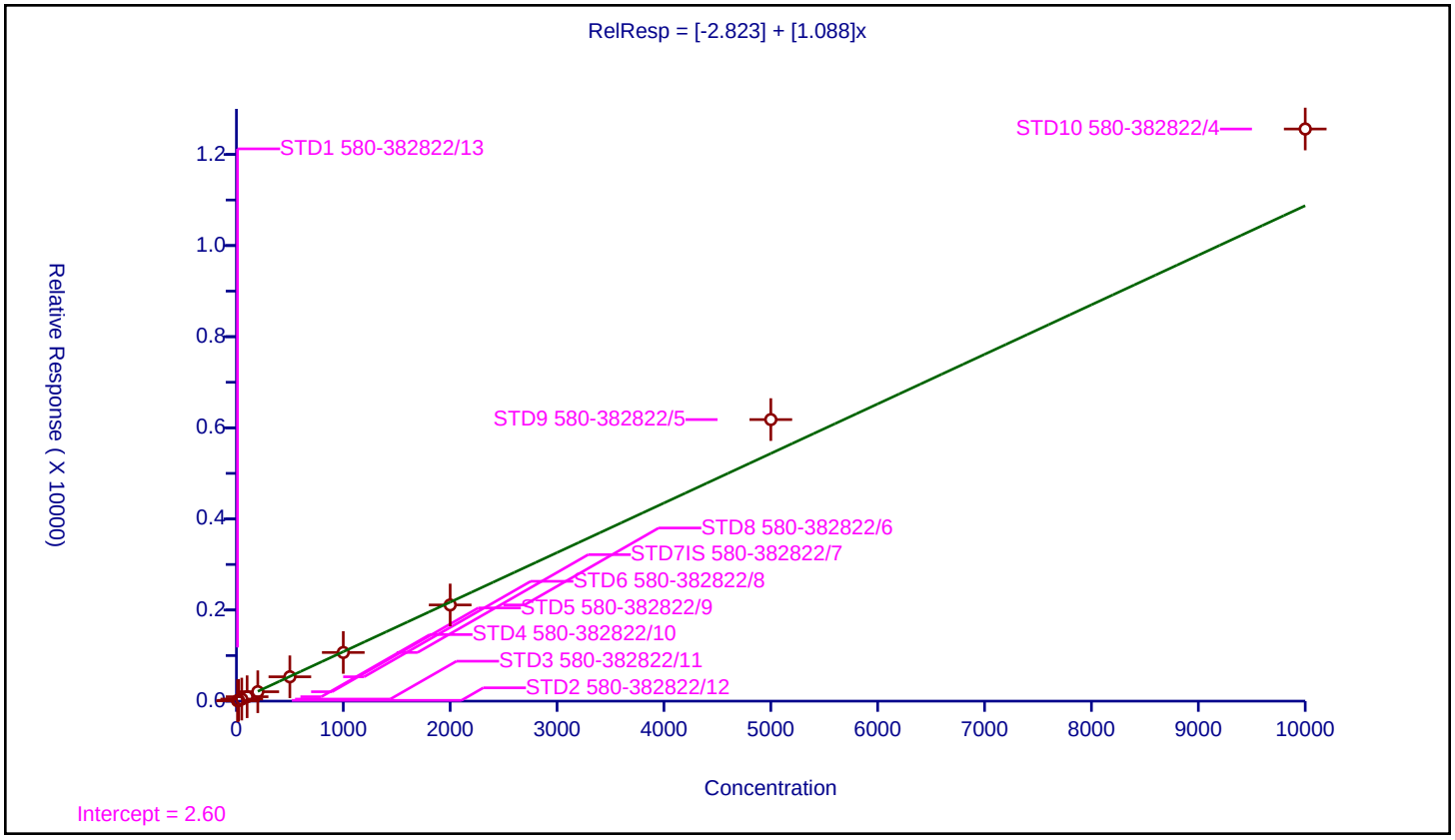
Curve Coefficients

Intercept:	-2.823
Slope:	1.088

Error Coefficients

Standard Error:	3510000
Relative Standard Error:	9.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	8.791541	100.0	46340.0	0.879154	Y
2	STD2 580-382822/12	20.0	17.435056	100.0	50582.0	0.871753	Y
3	STD3 580-382822/11	50.0	45.332301	100.0	56816.0	0.906646	Y
4	STD4 580-382822/10	100.0	96.842488	100.0	54980.0	0.968425	Y
5	STD5 580-382822/9	200.0	206.931403	100.0	54419.0	1.034657	Y
6	STD6 580-382822/8	500.0	534.390687	100.0	61159.0	1.068781	Y
7	STD7IS 580-382822/7	1000.0	1068.425248	100.0	65242.0	1.068425	Y
8	STD8 580-382822/6	2000.0	2111.421681	100.0	63861.0	1.055711	Y
9	STD9 580-382822/5	5000.0	6180.076131	100.0	67778.0	1.236015	Y
10	STD10 580-382822/4	10000.0	12558.67507	100.0	70766.0	1.255868	Y



Calibration / Benzo[g,h,i]perylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

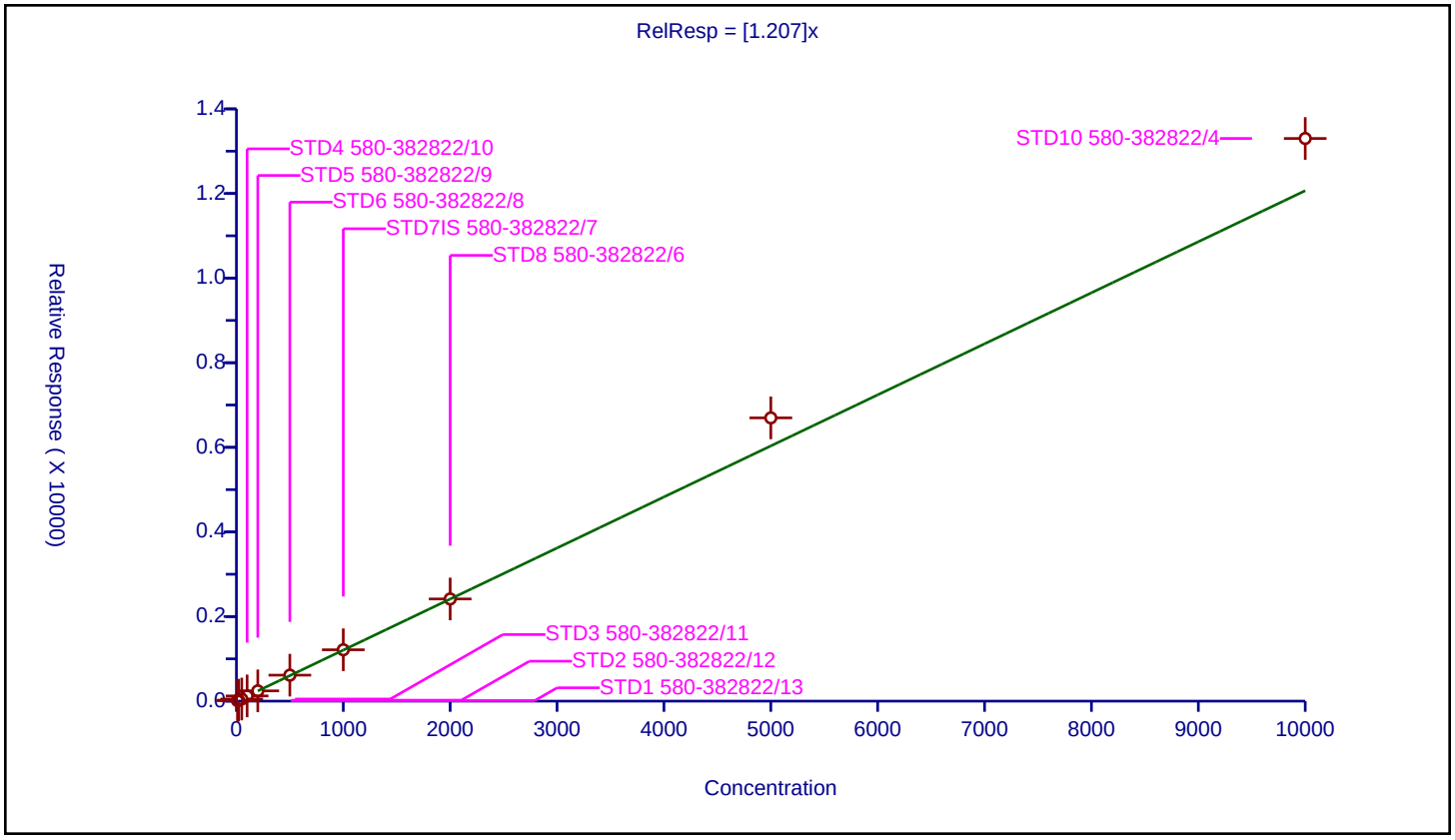
Curve Coefficients

Intercept:	0
Slope:	1.207

Error Coefficients

Standard Error:	3530000
Relative Standard Error:	7.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-382822/13	10.0	11.411308	100.0	46340.0	1.141131	Y
2	STD2 580-382822/12	20.0	23.20193	100.0	50582.0	1.160096	Y
3	STD3 580-382822/11	50.0	50.123205	100.0	56816.0	1.002464	Y
4	STD4 580-382822/10	100.0	123.06657	100.0	54980.0	1.230666	Y
5	STD5 580-382822/9	200.0	242.540289	100.0	54419.0	1.212701	Y
6	STD6 580-382822/8	500.0	614.151638	100.0	61159.0	1.228303	Y
7	STD7IS 580-382822/7	1000.0	1213.883695	100.0	65242.0	1.213884	Y
8	STD8 580-382822/6	2000.0	2415.593242	100.0	63861.0	1.207797	Y
9	STD9 580-382822/5	5000.0	6695.761161	100.0	67778.0	1.339152	Y
10	STD10 580-382822/4	10000.0	13300.510132	100.0	70766.0	1.330051	Y



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 379142

SDG No.:

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2022 17:04 Calibration End Date: 01/24/2022 20:31 Calibration ID: 31978

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-379142/13	0124A19_.D
Level 2	STD2 580-379142/12	0124A18_.D
Level 3	STD3 580-379142/11	0124A17_.D
Level 4	STD4 580-379142/10	0124A16_.D
Level 5	STD5 580-379142/9	0124A15_.D
Level 6	STD6 580-379142/8	0124A14_.D
Level 7	STD7IS 580-379142/7	0124A13_.D
Level 8	STD8 580-379142/6	0124A12_.D
Level 9	STD9 580-379142/5	0124A11_.D
Level 10	STD10 580-379142/4	0124A10_.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
N-Nitrosodimethylamine	+++++ 0.4021	+++++ 0.4199	0.3263 0.4021	0.2919 0.4644	0.2698 0.4023	Lin1	-10.20	0.4218			0.0100	15.4			0.9950		0.9900
Pyridine	+++++ 0.7280	+++++ 0.7237	0.3187 0.7195	0.5682 0.7886	0.6566 0.6805	Lin2	-41.13	0.7477			0.0100	4.9			0.9970		0.9900
Phenol	0.8502 1.0690	0.8939 1.1325	0.9125 1.0755	0.9258 1.1770	1.0495 0.9577	Ave		1.0044			0.8000	11.0		15.0			
Aniline	0.4853 1.2273	1.0767 1.2686	1.1385 1.2181	1.0889 1.2781	1.1950 +++++	Lin1	-7.320	1.2620			0.0100	6.6			0.9990		0.9900
Bis(2-chloroethyl)ether	+++++ 0.8489	0.9511 0.8954	0.8804 0.8278	0.8693 0.8818	0.8899 0.7291	Ave		0.8637			0.7000	7.0		15.0			
2-Chlorophenol	1.1189 1.2519	1.2018 1.2978	1.0803 1.2325	1.2241 1.3664	1.2388 1.0923	Ave		1.2105			0.8000	7.5		15.0			
n-Decane	0.9999 0.7614	0.8665 0.7813	0.6784 0.7376	0.8122 0.7896	0.8255 0.6457	Ave		0.7898			0.0100	12.6		15.0			
1,3-Dichlorobenzene	1.6299 1.5215	1.1199 1.5484	1.5195 1.3863	1.5085 1.5131	1.4736 1.1937	Ave		1.4415			0.0100	11.3		15.0			
1,4-Dichlorobenzene	1.9773 1.5480	1.7303 1.5363	1.4880 1.4315	1.5591 1.5463	1.6024 1.2279	Ave		1.5647			0.0100	12.4		15.0			
Benzyl alcohol	+++++ 0.6023	0.4235 0.6455	0.4995 0.6454	0.4831 0.7134	0.5333 0.6074	Lin2	-4.553	0.6175			0.0100	9.7			0.9900		0.9900
1,2-Dichlorobenzene	1.6506 1.4421	1.5911 1.4727	1.6448 1.3795	1.3594 1.4796	1.4685 1.1646	Ave		1.4653			0.0100	10.0		15.0			
2-Methylphenol	0.7141 0.8521	0.7512 0.9222	0.8155 0.8955	0.7787 0.9823	0.8537 0.8284	Ave		0.8394			0.7000	9.6		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 379142

SDG No.:

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2022 17:04 Calibration End Date: 01/24/2022 20:31 Calibration ID: 31978

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
2,2'-oxybis[1-chloropropane]	+++++ 1.0161	0.9905 0.9872	0.9522 0.9268	1.0211 1.0177	1.0025 0.8191	Ave		0.9704			0.0100	6.7		15.0			
Acetophenone	1.4838 1.2782	0.9186 1.3403	1.2772 1.3141	1.1956 1.4416	1.2693 1.1434	Ave		1.2662			0.0100	12.5		15.0			
N-Nitrosodi-n-propylamine	0.4265 0.5418	0.4403 0.5024	0.5686 0.4977	0.5010 0.5655	0.4736 0.4662	Ave		0.4984		*	0.5000	9.8		15.0			
3 & 4 Methylphenol	+++++ 0.9187	0.6470 0.9131	0.7211 0.9022	0.7441 0.9856	0.7990 0.8078	Lin2	-5.435	0.8801			0.6000	8.0			0.9930		0.9900
Hexachloroethane	+++++ 0.5877	0.5559 0.5716	0.6348 0.5371	0.5913 0.5984	0.5431 0.4871	Ave		0.5675			0.3000	7.5		15.0			
Nitrobenzene	+++++ 0.8433	0.4611 0.8836	0.7479 0.8438	0.8081 0.9178	0.7783 0.7513	Lin2	-7.511	0.8558			0.2000	6.3			0.9960		0.9900
Isophorone	1.5326 1.5102	1.3193 1.5757	1.5700 1.4961	1.3962 1.6326	1.3582 1.3266	Ave		1.4717			0.4000	7.7		15.0			
2-Nitrophenol	+++++ 0.1775	0.1227 0.1887	0.1312 0.1715	0.1327 0.1842	0.1679 0.1739	Lin2	-1.253	0.1735			0.1000	8.9			0.9910		0.9900
2,4-Dimethylphenol	0.6058 1.0309	0.6125 1.0736	0.8433 1.0380	0.8254 1.1278	1.0418 0.9182	Lin1	-4.688	1.0002			0.2000	10.4			0.9910		0.9900
Bis(2-chloroethoxy)methane	0.9978 0.9571	0.7685 1.0017	0.8646 0.9323	0.9213 1.0213	0.9386 0.8298	Ave		0.9233			0.3000	8.8		15.0			
Benzoic acid	+++++ 0.1309	+++++ 0.1871	+++++ 0.2023	+++++ 0.2170	0.0536 0.2201	Lin1	-74.91	0.2234			0.0100	5.6			1.0000		0.9900
2,4-Dichlorophenol	+++++ 0.2549	0.0719 0.2787	0.1855 0.2544	0.1995 0.2844	0.2340 0.2626	Lin1	-4.475	0.2693			0.2000	6.6			0.9980		0.9900
1,2,4-Trichlorobenzene	0.3109 0.3119	0.3372 0.3098	0.3380 0.2708	0.3041 0.2881	0.3186 0.2686	Ave		0.3058			0.0100	7.9		15.0			
Naphthalene	1.1572 1.0255	1.1768 1.0066	1.0767 0.8874	1.0266 0.8749	1.0103 0.6648	Qua2	1.6462	1.0279	-0.000036		0.7000	1.0					0.9900
4-Chloroaniline	+++++ 0.3295	+++++ 0.3558	0.2072 0.3284	0.2684 0.3749	0.3058 0.3540	Lin1	-8.907	0.3587			0.0100	5.0			0.9990		0.9900
2,6-Dichlorophenol	0.1866 0.5261	0.4514 0.5259	0.5953 0.5064	0.4935 0.5116	0.4592 0.4887	Qua1	-2.314	0.5248	-0.000003		0.0100	1.0					0.9900
Hexachlorobutadiene	0.2320 0.1794	0.2115 0.1821	0.1893 0.1569	0.1620 0.1690	0.1739 0.1588	Ave		0.1815			0.0100	13.3		15.0			
4-Chloro-3-methylphenol	+++++ 0.3602	+++++ 0.3925	0.1272 0.4099	0.2280 0.4263	0.2731 0.4262	Lin2	-15.16	0.4039			0.2000	7.8			0.9930		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 379142

SDG No.:

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2022 17:04 Calibration End Date: 01/24/2022 20:31 Calibration ID: 31978

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
2-Methylnaphthalene	0.6965 0.6601	0.7565 0.6800	0.7161 0.5961	0.6220 0.6103	0.6414 0.5357	Ave		0.6515			0.4000	9.9		15.0			
1-Methylnaphthalene	0.6077 0.6372	0.6905 0.6552	0.6970 0.5591	0.6175 0.5917	0.6128 0.5190	Ave		0.6188			0.0100	8.9		15.0			
Hexachlorocyclopentadiene	+++++ 0.3720	+++++ 0.3584	0.3113 0.3596	0.3541 0.3709	0.3362 0.3599	Ave		0.3528			0.0500	5.7		15.0			
1,2,4,5-Tetrachlorobenzene	+++++ 0.5533	0.7329 0.5308	0.6658 0.5040	0.5791 0.5048	0.5333 0.4752	Qua	4.0824	0.5270	-0.000005			1.0					0.9900
2,4,6-Trichlorophenol	+++++ 0.3149	+++++ 0.3241	0.1541 0.3326	0.1875 0.3617	0.2426 0.3340	Lin2	-10.30	0.3314			0.2000	8.7			0.9910		0.9900
2,4,5-Trichlorophenol	+++++ 0.3311	+++++ 0.3739	0.1016 0.3712	0.1960 0.3874	0.2694 0.3795	Lin1	-16.95	0.3835			0.2000	7.5			1.0000		0.9900
1,1'-Biphenyl	1.6576 1.4698	1.4706 1.4742	1.6375 1.3901	1.4975 1.3128	1.4676 1.1297	Ave		1.4507			0.0100	10.5		15.0			
2-Chloronaphthalene	1.0462 1.1482	1.2384 1.1499	1.3854 1.0897	1.2120 1.0548	1.1149 0.9547	Ave		1.1394			0.8000	10.5		15.0			
2-Nitroaniline	+++++ 0.2791	+++++ 0.3277	+++++ 0.3483	0.1531 0.3878	0.1970 0.3770	Qua2	-20.00	0.3327	0.0000062		0.0100	1.0					0.9900
Dimethyl phthalate	+++++ 1.2730	+++++ 1.3105	0.9961 1.2186	1.1727 1.2040	1.2253 1.1300	Lin1	4.0668	1.1715			0.0100	11.0			0.9980		0.9900
1,3-Dinitrobenzene	+++++ 0.1431	+++++ 0.1705	+++++ 0.1930	+++++ 0.2109	0.0833 0.2119	Qua2	-23.16	0.1956	0.0000023			1.0					0.9900
2,6-Dinitrotoluene	+++++ 0.2611	+++++ 0.2940	0.1825 0.3005	0.1561 0.3099	0.2228 0.2959	Lin1	-10.03	0.3015			0.2000	13.6			0.9990		0.9900
Acenaphthylene	2.2187 1.7572	1.6063 1.7874	1.8352 1.7081	1.6396 1.5848	1.7128 1.3091	Qua2	3.5959	1.7159	-0.000036		0.9000	1.0					0.9900
3-Nitroaniline	+++++ 0.2237	+++++ 0.2705	+++++ 0.2990	0.0756 0.3082	0.2189 0.3118	Lin2	-22.24	0.3037			0.0100	7.1			0.9940		0.9900
Acenaphthene	1.2898 1.1754	1.3478 1.1762	1.1649 1.1215	1.1830 1.0835	1.1757 0.9847	Ave		1.1702			0.9000	8.6		15.0			
2,4-Dinitrophenol	+++++ 0.0866	+++++ 0.1372	+++++ 0.1604	+++++ 0.1840	0.0286 0.1901	Lin1	-81.71	0.1910			0.0100	13.2			0.9980		0.9900
4-Nitrophenol	+++++ 0.0679	+++++ 0.0951	+++++ 0.1558	+++++ 0.1763	+++++ 0.1913	Lin1	-153.6	0.1956			0.0100	10.5			0.9980		0.9900
2,4-Dinitrotoluene	+++++ 0.3385	+++++ 0.3956	+++++ 0.3900	0.1723 0.3953	0.2550 0.3928	Lin2	-23.80	0.3981			0.2000	4.1			0.9980		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 379142

SDG No.:

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2022 17:04 Calibration End Date: 01/24/2022 20:31 Calibration ID: 31978

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Dibenzofuran	+++++ 1.6353	1.1971 1.6446	1.5694 1.5831	1.5563 1.4419	1.5438 1.2191	Ave		1.4878			0.8000	11.4		15.0			
2,3,5,6-Tetrachlorophenol	+++++ 0.2278	+++++ 0.2674	0.0706 0.2742	0.1244 0.2781	0.1898 0.2762	Lin2	-10.92	0.2666			0.0100	8.4			0.9920		0.9900
2,3,4,6-Tetrachlorophenol	+++++ 0.3031	+++++ 0.3025	0.1474 0.3026	0.2356 0.3066	0.2465 0.3057	Lin2	-8.009	0.3076			0.0100	3.4			0.9990		0.9900
Diethyl phthalate	+++++ 1.3352	1.1535 1.3716	1.4807 1.2856	1.3906 1.2405	1.2637 1.1448	Ave		1.2963			0.0100	8.5		15.0			
Fluorene	+++++ 1.3066	0.9532 1.3135	1.0586 1.2445	1.2180 1.1817	1.3070 1.0729	Ave		1.1840			0.9000	10.9		15.0			
4-Chlorophenyl phenyl ether	+++++ 0.5801	0.4484 0.5808	0.5748 0.5591	0.5497 0.5381	0.5567 0.5173	Ave		0.5450			0.4000	7.6		15.0			
4-Nitroaniline	+++++ 0.2818	+++++ 0.2452	+++++ 0.2540	0.0475 0.2846	0.2485 0.2860	Lin1	-18.55	0.2852			0.0100	14.0			0.9980		0.9900
4,6-Dinitro-2-methylphenol	+++++ 0.0856	+++++ 0.1223	+++++ 0.1211	0.0452 0.1389	0.0552 0.1271	Lin1	-23.94	0.1315			0.0100	15.2			0.9960		0.9900
N-Nitrosodiphenylamine	+++++ 0.5733	0.3897 0.6350	0.4605 0.5677	0.5029 0.5878	0.5724 0.4884	Ave		0.5309			0.0100	14.4		15.0			
Azobenzene	0.3311 0.5308	0.4603 0.6175	0.5245 0.5375	0.5493 0.5559	0.5532 0.4771	Lin2	-2.114	0.5537			0.0100	6.9			0.9950		0.9900
4-Bromophenyl phenyl ether	+++++ 0.2016	0.1072 0.2302	0.1827 0.2110	0.2414 0.2207	0.1908 0.1949	Qua2	-2.266	0.2261	-0.000003		0.1000	1.0					0.9900
Hexachlorobenzene	+++++ 0.2325	+++++ 0.2639	0.2856 0.2387	0.2921 0.2481	0.2854 0.2212	Ave		0.2584			0.1000	10.5		15.0			
Atrazine	+++++ 0.3332	+++++ 0.3517	0.2147 0.3444	0.2813 0.3412	0.3179 0.3078	Lin2	-6.142	0.3413			0.0100	4.6			0.9980		0.9900
Pentachlorophenol	+++++ 0.1240	+++++ 0.1486	+++++ 0.1470	0.0535 0.1627	0.0760 0.1497	Lin2	-22.09	0.1527			0.0500	8.4			0.9920		0.9900
n-Octadecane	0.2025 0.2929	0.3552 0.3371	0.3230 0.2915	0.3238 0.3093	0.3165 0.2773	Qua1	-0.526	0.3207	-0.000004		0.0100	1.0					0.9900
Phenanthrene	1.4429 1.0942	1.1477 1.1950	1.2665 1.0440	1.2138 1.0114	1.1416 0.7745	Qua2	2.3559	1.1584	-0.000037		0.7000	1.0					0.9900
Anthracene	0.3859 1.0560	0.7248 1.2073	1.1308 1.0709	1.1229 1.0324	1.1312 0.7512	Qua1	-9.141	1.2207	-0.000046		0.7000	1.0					0.9900
Carbazole	+++++ 0.9110	0.5872 0.9741	0.9854 0.8181	0.8384 0.8072	0.8893 0.6854	Qua1	-3.963	0.9215	-0.000024		0.0100	1.0					0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 379142

SDG No.:

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2022 17:04 Calibration End Date: 01/24/2022 20:31 Calibration ID: 31978

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Di-n-butyl phthalate	+++++ 1.2449	1.7958 1.4463	1.7891 1.2964	1.3810 1.2402	1.3111 0.8460	Qua1	2.8476	1.4723	-0.000061		0.0100	1.0					0.9900
Fluoranthene	1.4362 1.0950	1.1765 1.2432	1.1646 1.1013	1.1777 1.0432	1.2040 0.7506	Qua1	-0.756	1.2453	-0.000049		0.6000	1.0					0.9900
Benzidine	+++++ 0.2224	+++++ 0.3124	0.0580 0.2297	0.2286 0.2909	0.2134 0.3050	Lin1	-25.70	0.2949			0.0100	14.7			0.9930		0.9900
Pyrene	1.8923 1.1524	1.1626 1.2685	1.2720 1.1353	1.2749 1.0806	1.2033 0.7940	Qua1	2.0270	1.2744	-0.000047		0.6000	1.0					0.9900
Butyl benzyl phthalate	+++++ 0.7074	0.6402 0.7461	0.6583 0.6587	0.5508 0.7209	0.6151 0.6210	Qua1	-5.833	0.7380	-0.000011		0.0100	1.0					0.9900
3,3'-Dichlorobenzidine	+++++ 0.4415	0.1194 0.4230	0.3572 0.3781	0.3175 0.3935	0.3534 0.3671	Qua1	-10.97	0.4138	-0.000002		0.0100	1.0					0.9900
Benzo[a]anthracene	+++++ 1.3454	1.0860 1.3435	0.9620 1.1272	1.1379 1.1619	1.0832 0.9767	Qua1	-9.122	1.2908	-0.000031		0.8000	1.0					0.9900
Chrysene	+++++ 1.4085	2.1037 1.3443	1.7029 1.1495	1.5993 1.1553	1.3007 0.9185	Qua2	15.767	1.3447	-0.000043		0.7000	1.0					0.9900
Bis(2-ethylhexyl) phthalate	+++++ 1.0125	0.9557 1.0425	0.9224 0.9330	0.8006 0.9690	0.8314 +++++	Qua2	0.3768	0.9115	0.0000159		0.0100	1.0					0.9900
Di-n-octyl phthalate	+++++ 1.3476	+++++ 1.5710	1.2508 1.5543	1.0630 1.4896	1.0989 1.2166	Ave		1.3240			0.0100	15.0		15.0			
Benzo[b]fluoranthene	+++++ 1.1132	1.0106 1.2357	0.9565 1.1496	1.1263 1.1143	1.0981 0.9578	Lin2	-2.576	1.1101			0.7000	7.9			0.9930		0.9900
Benzofluoranthene	1.4117 1.2271	1.3544 1.3041	1.2710 1.2066	1.2213 1.1043	1.2559 0.9321	Ave		1.2289				10.9		15.0			
Benzo[k]fluoranthene	1.6294 1.4203	1.3669 1.4171	1.4666 1.3150	1.2271 1.1448	1.4668 0.9705	Ave		1.3425			0.7000	14.0		15.0			
Benzo[a]pyrene	0.4915 1.0122	0.8185 1.1316	1.0317 1.0445	0.9563 1.0012	0.9591 0.8594	Lin2	-4.930	1.0237			0.7000	8.3			0.9930		0.9900
Indeno[1,2,3-cd]pyrene	+++++ 0.9239	0.5624 1.0827	0.9672 1.0624	0.7695 1.0604	0.9093 0.9954	Lin1	-9.998	1.0246			0.5000	9.4			0.9980		0.9900
Dibenz(a,h)anthracene	+++++ 1.0899	+++++ 1.1360	0.8269 1.1592	0.8820 1.1306	1.0416 0.9974	Lin2	-15.46	1.1079			0.4000	5.7			0.9960		0.9900
Benzo[g,h,i]perylene	0.9553 1.1457	1.2456 1.3291	1.1148 1.2484	1.1760 1.1703	1.1319 1.0220	Qua1	-4.893	1.2977	-0.000027		0.5000	1.0					0.9900
2-Fluorophenol (Surr)	+++++ 0.9168	0.6925 0.9967	0.9127 0.9284	0.8913 1.0360	0.8116 0.8174	Lin2	-4.427	0.9330				8.5			0.9920		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 379142

SDG No.:

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2022 17:04 Calibration End Date: 01/24/2022 20:31 Calibration ID: 31978

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Phenol-d5 (Surr)	+++++ 1.0919	+++++ 1.1010	0.9320 1.0574	0.9700 1.1667	1.0263 0.9459	Lin1	1.5964	1.0287				9.5			0.9910		0.9900
Nitrobenzene-d5 (Surr)	0.1933 0.2413	0.2884 0.2545	0.2529 0.2242	0.2138 0.2411	0.2435 0.2271	Ave		0.2380				10.8		15.0			
2-Fluorobiphenyl	1.5431 1.3602	1.2244 1.3552	1.5121 1.2938	1.3684 1.2283	1.3307 1.0806	Ave		1.3297				10.2		15.0			
2,4,6-Tribromophenol (Surr)	+++++ 0.1291	+++++ 0.1468	0.0508 0.1355	0.0486 0.1512	0.1166 0.1342	Lin1	-5.515	0.1408			0.0100	13.3			0.9960		0.9900
Terphenyl-d14 (Surr)	+++++ 0.7389	+++++ 0.8074	0.8533 0.7410	0.7543 0.7302	0.7589 0.6079	Ave		0.7490				9.4		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Seattle | Job No.: 580-111087-1 | Analy Batch No.: 379142

SDG No.:

Instrument ID: TAC051 | GC Column: ZB-SV | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2022 17:04 | Calibration End Date: 01/24/2022 20:31 | Calibration ID: 31978

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-379142/13	0124A19_.D
Level 2	STD2 580-379142/12	0124A18_.D
Level 3	STD3 580-379142/11	0124A17_.D
Level 4	STD4 580-379142/10	0124A16_.D
Level 5	STD5 580-379142/9	0124A15_.D
Level 6	STD6 580-379142/8	0124A14_.D
Level 7	STD7IS 580-379142/7	0124A13_.D
Level 8	STD8 580-379142/6	0124A12_.D
Level 9	STD9 580-379142/5	0124A11_.D
Level 10	STD10 580-379142/4	0124A10_.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
N-Nitrosodimethylamine	DCBd 4	Lin1	+++++	+++++	5516	10054	17806	+++++	+++++	50.0	100	200
			64929	137585	269153	744037	1438003	500	1000	2000	5000	10000
Pyridine	DCBd 4	Lin2	+++++	+++++	10778	39140	86665	+++++	+++++	100	200	400
			235103	474344	963115	2527274	4865097	1000	2000	4000	10000	20000
Phenol	DCBd 4	Ave	2386	5644	15427	31889	69263	10.0	20.0	50.0	100	200
			172626	371134	719856	1885852	3423690	500	1000	2000	5000	10000
Aniline	DCBd 4	Lin1	1362	6798	19248	37504	78860	10.0	20.0	50.0	100	200
			198182	415718	815352	2047944	+++++	500	1000	2000	5000	+++++
Bis(2-chloroethyl)ether	DCBd 4	Ave	+++++	6005	14885	29940	58726	+++++	20.0	50.0	100	200
			137086	293417	554075	1412935	2606332	500	1000	2000	5000	10000
2-Chlorophenol	DCBd 4	Ave	3140	7588	18264	42162	81754	10.0	20.0	50.0	100	200
			202159	425276	824994	2189408	3904697	500	1000	2000	5000	10000
n-Decane	DCBd 4	Ave	2806	5471	11469	27974	54478	10.0	20.0	50.0	100	200
			122949	256033	493704	1265178	2308292	500	1000	2000	5000	10000
1,3-Dichlorobenzene	DCBd 4	Ave	4574	7071	25691	51957	97247	10.0	20.0	50.0	100	200
			245696	507414	927931	2424476	4267220	500	1000	2000	5000	10000

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 379142

SDG No.:

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2022 17:04 Calibration End Date: 01/24/2022 20:31 Calibration ID: 31978

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
1,4-Dichlorobenzene	DCBd 4	Ave	5549 249973	10925 503454	25157 958150	53699 2477692	105751 4389329	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Benzyl alcohol	DCBd 4	Lin2	+++++ 97253	2674 211530	8445 432001	16639 1143127	35194 2171335	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
1,2-Dichlorobenzene	DCBd 4	Ave	4632 232869	10046 482591	27809 923363	46821 2370683	96909 4163295	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
2-Methylphenol	DCBd 4	Ave	2004 137592	4743 302200	13788 599419	26820 1573928	56341 2961293	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	+++++ 164087	6254 323494	16099 620330	35169 1630687	66159 2928233	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
Acetophenone	DCBd 4	Ave	4164 206406	5800 439228	21594 879561	41180 2309817	83766 4087296	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
N-Nitrosodi-n-propylamine	DCBd 4	Ave	1197 87483	2780 164634	9614 333139	17256 906094	31256 1666435	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
3 & 4 Methylphenol	DCBd 4	Lin2	+++++ 148354	4085 299221	12191 603891	25629 1579216	52732 2887901	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
Hexachloroethane	DCBd 4	Ave	+++++ 94896	3510 187308	10733 359498	20367 958843	35842 1741400	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
Nitrobenzene	DCBd 4	Lin2	+++++ 136174	2911 289563	12645 564801	27835 1470537	51366 2685612	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
Isophorone	DCBd 4	Ave	4301 243865	8330 516354	26544 1001416	48088 2615844	89634 4742321	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
2-Nitrophenol	NPT	Lin2	+++++ 104101	2689 223185	7885 445738	16835 1162420	40815 2128274	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 379142

SDG No.:

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2022 17:04 Calibration End Date: 01/24/2022 20:31 Calibration ID: 31978

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
2,4-Dimethylphenol	DCBd 4	Lin1	1700 166463	3867 351805	14257 694752	28429 1807128	68752 3282248	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Bis(2-chloroethoxy)methane	DCBd 4	Ave	2800 154553	4852 328271	14617 624017	31732 1636469	61943 2966362	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Benzoic acid	NPT	Lin1	+++++ 153546	+++++ 442673	+++++ 1051632	+++++ 2738724	26059 5387119	+++++ 1000	+++++ 2000	+++++ 4000	+++++ 10000	400 20000
2,4-Dichlorophenol	NPT	Lin1	+++++ 149458	1576 329716	11144 661249	25309 1794662	56883 3214581	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
1,2,4-Trichlorobenzene	NPT	Ave	3183 182921	7388 366508	20307 703731	38590 1818176	77442 3287546	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Naphthalene	NPT	Qua2	11849 601332	25785 1190797	64682 2306526	130261 5521644	245615 8136693	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
4-Chloroaniline	NPT	Lin1	+++++ 193225	+++++ 420896	12448 853626	34056 2365912	74339 4333252	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
2,6-Dichlorophenol	ANT	Qua1	776 166011	4566 343493	16145 668074	28442 1778591	55696 3203473	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Hexachlorobutadiene	NPT	Ave	2375 105181	4635 215414	11375 407934	20550 1066820	42285 1944071	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
4-Chloro-3-methylphenol	ANT	Lin2	+++++ 113656	+++++ 256346	3449 540762	13141 1482131	33119 2793657	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
2-Methylnaphthalene	NPT	Ave	7132 387051	16577 804387	43019 1549313	78916 3851996	155926 6557017	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
1-Methylnaphthalene	NPT	Ave	6222 373656	15130 775117	41871 1453189	78343 3734140	148970 6352715	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Hexachlorocyclopentadiene	ANT	Ave	+++++ 117382	+++++ 234068	8444 474427	20411 1289587	40776 2359324	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
1,2,4,5-Tetrachlorobenzene	ANT	Qua	+++++ 174594	7413 346660	18058 664954	33379 1755031	64685 3115144	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
2,4,6-Trichlorophenol	ANT	Lin2	+++++ 99357	+++++ 211695	4179 438775	10805 1257370	29422 2189506	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
2,4,5-Trichlorophenol	ANT	Lin1	+++++ 104475	+++++ 244235	2757 489699	11295 1346813	32672 2487962	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
1,1'-Biphenyl	ANT	Ave	6895 463771	14875 962852	44414 1833985	86306 4564025	177997 7405757	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 379142

SDG No.:

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2022 17:04 Calibration End Date: 01/24/2022 20:31 Calibration ID: 31978

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
2-Chloronaphthalene	ANT	Ave	4352 362290	12526 751023	37577 1437621	69851 3667033	135219 6258163	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
2-Nitroaniline	ANT	Qua2	+++++ 88071	+++++ 214029	+++++ 459472	8826 1348336	23895 2471645	+++++ 500	+++++ 1000	+++++ 2000	100 5000	200 10000
Dimethyl phthalate	ANT	Lin1	+++++ 401664	+++++ 855918	27018 1607770	67587 4185506	148612 7407496	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
1,3-Dinitrobenzene	ANT	Qua2	+++++ 45162	+++++ 111350	+++++ 254656	+++++ 733033	10104 1389291	+++++ 500	+++++ 1000	+++++ 2000	+++++ 5000	200 10000
2,6-Dinitrotoluene	ANT	Lin1	+++++ 82381	+++++ 192043	4949 396420	8999 1077271	27022 1939446	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
Acenaphthylene	ANT	Qua2	9229 554434	16248 1167400	49775 2253492	94501 5509536	207743 8581502	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
3-Nitroaniline	ANT	Lin2	+++++ 70570	+++++ 176681	+++++ 394436	4360 1071282	26552 2044039	+++++ 500	+++++ 1000	+++++ 2000	100 5000	200 10000
Acenaphthene	ANT	Ave	5365 370859	13633 768188	31595 1479588	68184 3766831	142603 6455324	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
2,4-Dinitrophenol	ANT	Lin1	+++++ 54667	+++++ 179184	+++++ 423163	+++++ 1279146	6927 2491838	+++++ 1000	+++++ 2000	+++++ 4000	+++++ 10000	400 20000
4-Nitrophenol	ANT	Lin1	+++++ 42833	+++++ 124182	+++++ 411039	+++++ 1225638	+++++ 2508541	+++++ 1000	+++++ 2000	+++++ 4000	+++++ 10000	+++++ 20000
2,4-Dinitrotoluene	ANT	Lin2	+++++ 106809	+++++ 258359	+++++ 514538	9930 1374334	30925 2574945	+++++ 500	+++++ 1000	+++++ 2000	100 5000	200 10000
Dibenzofuran	ANT	Ave	+++++ 515973	12109 1074130	42568 2088576	89695 5012656	187239 7991738	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
2,3,5,6-Tetrachlorophenol	ANT	Lin2	+++++ 71880	+++++ 174633	1916 361812	7172 966835	23023 1810251	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
2,3,4,6-Tetrachlorophenol	ANT	Lin2	+++++ 95647	+++++ 197558	3997 399267	13581 1066016	29903 2004159	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
Diethyl phthalate	ANT	Ave	+++++ 421303	11668 895822	40160 1696159	80149 4312494	153267 7504819	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
Fluorene	ANT	Ave	+++++ 412279	9642 857897	28712 1641956	70202 4108288	158527 7033453	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
4-Chlorophenyl phenyl ether	ANT	Ave	+++++ 183042	4536 379369	15590 737588	31684 1870819	67522 3390756	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
4-Nitroaniline	ANT	Lin1	+++++ 88921	+++++ 160171	+++++ 335166	2738 989483	30141 1875065	+++++ 500	+++++ 1000	+++++ 2000	100 5000	200 10000

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 379142

SDG No.:

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2022 17:04 Calibration End Date: 01/24/2022 20:31 Calibration ID: 31978

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
4,6-Dinitro-2-methylphenol	PHN	Lin1	+++++ 85170	+++++ 231561	+++++ 499883	7501 1443908	20055 2720777	+++++ 1000	+++++ 2000	+++++ 4000	200 10000	400 20000
N-Nitrosodiphenylamine	PHN	Ave	+++++ 285250	5128 601233	17392 1171768	41726 3054845	103990 5228628	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
Azobenzene	PHN	Lin2	1688 264123	6057 584678	19809 1109354	45578 2889028	100510 5108676	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
4-Bromophenyl phenyl ether	PHN	Qua2	+++++ 100310	1411 217984	6901 435582	20026 1147061	34670 2086983	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
Hexachlorobenzene	PHN	Ave	+++++ 115710	+++++ 249823	10787 492581	24235 1289466	51847 2368224	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
Atrazine	ANT	Lin2	+++++ 105144	+++++ 229735	5824 454389	16215 1186308	38560 2017804	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
Pentachlorophenol	PHN	Lin2	+++++ 123396	+++++ 281395	+++++ 606919	8872 1690585	27618 3206551	+++++ 1000	+++++ 2000	+++++ 4000	200 10000	400 20000
n-Octadecane	PHN	Qua1	1032 145763	4675 319134	12197 601553	26864 1607173	57505 2968506	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Phenanthrene	PHN	Qua2	7355 544462	15103 1131435	47829 2154658	100704 5255844	207412 8291956	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Anthracene	PHN	Qua1	1967 525427	9538 1143048	42705 2210236	93164 5365074	205516 8042352	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Carbazole	PHN	Qua1	+++++ 453282	7728 922250	37213 1688495	69562 4194838	161571 7337942	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
Di-n-butyl phthalate	PHN	Qua1	+++++ 619421	23632 1369355	67567 2675585	114575 6444929	238202 9057674	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
Fluoranthene	PHN	Qua1	7321 544870	15483 1177032	43982 2272893	97710 5421432	218747 8036302	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Benzidine	PHN	Lin1	+++++ 221350	+++++ 591479	4379 948099	37938 3023406	77542 6530017	+++++ 1000	+++++ 2000	100 4000	200 10000	400 20000
Pyrene	PHN	Qua1	9646 573415	15300 1200976	48040 2343078	105780 5615456	218610 8500762	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Butyl benzyl phthalate	CRY	Qua1	+++++ 254853	6796 577966	21653 1169116	37254 3084606	90103 5609656	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
3,3'-Dichlorobenzidine	CRY	Qua1	+++++ 318110	2536 655354	23496 1342115	42953 3367556	103543 6632333	+++++ 1000	40.0 2000	100 4000	200 10000	400 20000
Benzo[a]anthracene	CRY	Qua1	+++++ 484681	11529 1040691	31640 2000496	76962 4971440	158668 8822607	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 379142

SDG No.:

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2022 17:04 Calibration End Date: 01/24/2022 20:31 Calibration ID: 31978

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Chrysene	CRY	Qua2	+++++ 507398	22332 1041324	56009 2040111	108167 4943043	190523 8297113	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
Bis(2-ethylhexyl) phthalate	CRY	Qua2	+++++ 364738	10145 807522	30339 1655943	54145 4146254	121780 +++++	+++++ 500	20.0 1000	50.0 2000	100 5000	200 +++++
Di-n-octyl phthalate	PRY	Ave	+++++ 564577	+++++ 1297051	42834 2735228	80402 6987870	166908 12039711	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
Benzo[b]fluoranthene	PRY	Lin2	+++++ 466400	11195 1020232	32758 2022914	85190 5227145	166789 9478316	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
Benzofluoranthene	PRY	Ave	15165 1028183	30007 2153421	87056 4246638	184747 10361259	381511 18448767	20.0 1000	40.0 2000	100 4000	200 10000	400 20000
Benzo[k]fluoranthene	PRY	Ave	8752 595047	15142 1169985	50225 2314015	92812 5370634	222783 9603989	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Benzo[a]pyrene	PRY	Lin2	2640 424087	9067 934286	35331 1838099	72333 4696887	145669 8504491	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
Indeno[1,2,3-cd]pyrene	PRY	Lin1	+++++ 387093	6230 893927	33123 1869567	58203 4974655	138112 9850086	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
Dibenz(a,h)anthracene	PRY	Lin2	+++++ 456625	+++++ 937866	28319 2039921	66707 5303630	158200 9870204	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
Benzo[g,h,i]perylene	PRY	Qua1	5131 480002	13798 1097303	38178 2196860	88949 5489900	171922 10113906	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
2-Fluorophenol (Surr)	DCBd 4	Lin2	+++++ 148046	4372 326634	15431 621440	30700 1660042	53560 2922164	+++++ 500	20.0 1000	50.0 2000	100 5000	200 10000
Phenol-d5 (Surr)	DCBd 4	Lin1	+++++ 176312	+++++ 360808	15758 707780	33408 1869344	67732 3381391	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
Nitrobenzene-d5 (Surr)	NPT	Ave	1979 141521	6320 301048	15195 582610	27133 1521900	59203 2779943	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
2-Fluorobiphenyl	ANT	Ave	6419 429162	12385 885103	41014 1706929	78870 4270070	161393 7083415	10.0 500	20.0 1000	50.0 2000	100 5000	200 10000
2,4,6-Tribromophenol (Surr)	PHN	Lin1	+++++ 64213	+++++ 139026	1919 279682	4032 785601	21181 1436618	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000
Terphenyl-d14 (Surr)	PHN	Ave	+++++ 367653	+++++ 764445	32224 1529297	62580 3794742	137870 6508266	+++++ 500	+++++ 1000	50.0 2000	100 5000	200 10000

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 379142

SDG No.:

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2022 17:04 Calibration End Date: 01/24/2022 20:31 Calibration ID: 31978

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD
Qua1 = Quadratic 1/conc ISTD
Qua2 = Quadratic 1/conc^2 ISTD

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 379142

SDG No.:

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2022 17:04 Calibration End Date: 01/24/2022 20:31 Calibration ID: 31978

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-379142/13	0124A19_.D
Level 2	STD2 580-379142/12	0124A18_.D
Level 3	STD3 580-379142/11	0124A17_.D
Level 4	STD4 580-379142/10	0124A16_.D
Level 5	STD5 580-379142/9	0124A15_.D
Level 6	STD6 580-379142/8	0124A14_.D
Level 7	STD7IS 580-379142/7	0124A13_.D
Level 8	STD8 580-379142/6	0124A12_.D
Level 9	STD9 580-379142/5	0124A11_.D
Level 10	STD10 580-379142/4	0124A10_.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5	LVL 6
N-Nitrosodimethylamine	+++++	+++++	25.7						30			
Pyridine	+++++	+++++	-2.4						30			
Phenol	-15.3						50					
Aniline	-3.5			+++++			30					
Bis(2-chloroethyl)ether	+++++	10.1						50				
2-Chlorophenol	-7.6						50					
n-Decane	26.6						50					
1,3-Dichlorobenzene	13.1						50					
1,4-Dichlorobenzene	26.4						50					
Benzyl alcohol	+++++	5.4						30				
1,2-Dichlorobenzene	12.6						50					
2-Methylphenol	-14.9						50					
2,2'-oxybis[1-chloropropane]	+++++	2.1						50				
Acetophenone	17.2						50					

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 379142

SDG No.:

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2022 17:04 Calibration End Date: 01/24/2022 20:31 Calibration ID: 31978

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5	LVL 6
N-Nitrosodi-n-propylamine	-14.4						50					
3 & 4 Methylphenol	+++++	4.4						30				
Hexachloroethane	+++++	-2.0						50				
Nitrobenzene	+++++	-2.2						30				
Isophorone	4.1						50					
2-Nitrophenol	+++++	6.8						30				
2,4-Dimethylphenol	7.4						30					
Bis(2-chloroethoxy)methane	8.1						50					
Benzoic acid	+++++	+++++	+++++	+++++	7.8						30	
2,4-Dichlorophenol	+++++	9.8						30				
1,2,4-Trichlorobenzene	1.7						50					
Naphthalene	-3.4						30					
4-Chloroaniline	+++++	+++++	7.4						30			
2,6-Dichlorophenol	-20.3						30					
Hexachlorobutadiene	27.8						50					
4-Chloro-3-methylphenol	+++++	+++++	6.5						30			
2-Methylnaphthalene	6.9						50					
1-Methylnaphthalene	-1.8						50					
Hexachlorocyclopentadiene	+++++	+++++	-11.8						50			
1,2,4,5-Tetrachlorobenzene	+++++	0.4						30				
2,4,6-Trichlorophenol	+++++	+++++	8.7						30			

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 379142

SDG No.:

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2022 17:04 Calibration End Date: 01/24/2022 20:31 Calibration ID: 31978

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5	LVL 6
2,4,5-Trichlorophenol	+++++	+++++	14.9						30			
1,1'-Biphenyl	14.3						50					
2-Chloronaphthalene	-8.2						50					
2-Nitroaniline	+++++	+++++	+++++	5.9						30		
Dimethyl phthalate	+++++	+++++	-21.9						30			
1,3-Dinitrobenzene	+++++	+++++	+++++	+++++	1.6						30	
2,6-Dinitrotoluene	+++++	+++++	27.1						30			
Acenaphthylene	8.4						30					
3-Nitroaniline	+++++	+++++	+++++	-1.8						30		
Acenaphthene	10.2						50					
2,4-Dinitrophenol	+++++	+++++	+++++	+++++	21.9						30	
4-Nitrophenol	+++++	+++++	+++++	+++++	+++++	13.2						30
2,4-Dinitrotoluene	+++++	+++++	+++++	3.1						30		
Dibenzofuran	+++++	-19.5						50				
2,3,5,6-Tetrachlorophenol	+++++	+++++	8.5						30			
2,3,4,6-Tetrachlorophenol	+++++	+++++	0.0						30			
Diethyl phthalate	+++++	-11.0						50				
Fluorene	+++++	-19.5						50				
4-Chlorophenyl phenyl ether	+++++	-17.7						50				
4-Nitroaniline	+++++	+++++	+++++	-18.3						30		
4,6-Dinitro-2-methylphenol	+++++	+++++	+++++	25.4						30		

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 379142

SDG No.:

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2022 17:04 Calibration End Date: 01/24/2022 20:31 Calibration ID: 31978

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5	LVL 6
N-Nitrosodiphenylamine	+++++	-26.6						50				
Azobenzene	-2.0						30					
4-Bromophenyl phenyl ether	+++++	-2.4						30				
Hexachlorobenzene	+++++	+++++	10.5						50			
Atrazine	+++++	+++++	-1.1						30			
Pentachlorophenol	+++++	+++++	+++++	7.3						30		
n-Octadecane	-20.5						30					
Phenanthrene	4.3						30					
Anthracene	6.5						30					
Carbazole	+++++	-14.7						30				
Di-n-butyl phthalate	+++++	12.4						30				
Fluoranthene	21.5						30					
Benzidine	+++++	+++++	6.8						30			
Pyrene	32.6 *						30					
Butyl benzyl phthalate	+++++	26.3						30				
3,3'-Dichlorobenzidine	+++++	-4.9						30				
Benzo[a]anthracene	+++++	19.5						30				
Chrysene	+++++	-2.1						30				
Bis(2-ethylhexyl) phthalate	+++++	2.7		+++++				30				
Di-n-octyl phthalate	+++++	+++++	-5.5						50			
Benzo[b]fluoranthene	+++++	2.6						30				

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 379142

SDG No.:

Instrument ID: TAC051 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/24/2022 17:04 Calibration End Date: 01/24/2022 20:31 Calibration ID: 31978

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5	LVL 6
Benzofluoranthene	14.9						50					
Benzo[k]fluoranthene	21.4						50					
Benzo[a]pyrene	-3.8						30					
Indeno[1,2,3-cd]pyrene	+++++	3.7						30				
Dibenz(a,h)anthracene	+++++	+++++	2.6						30			
Benzo[g,h,i]perylene	11.3						30					
2-Fluorophenol (Surr)	+++++	-2.1						30				
Phenol-d5 (Surr)	+++++	+++++	-12.5						30			
Nitrobenzene-d5 (Surr)	-18.8						50					
2-Fluorobiphenyl	16.1						50					
2,4,6-Tribromophenol (Surr)	+++++	+++++	14.4						30			
Terphenyl-d14 (Surr)	+++++	+++++	13.9						50			

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A10_.D
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 10
Inject. Date: 24-Jan-2022 17:04:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 10
Operator ID: TL Instrument ID: TAC051
Sublist: chrom-8270 TAC051*sub34

Method: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 28-Jan-2022 17:06:38 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: limmere Date: 25-Jan-2022 15:01:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.494	4.489	0.005	55	35748	100.0	100.0	a
* 2 Naphthalene-d8	136	5.504	5.499	0.005	89	122401	100.0	100.0	
* 3 Acenaphthene-d10	164	6.925	6.925	0.000	36	65553	100.0	100.0	
* 4 Phenanthrene-d10	188	8.143	8.138	0.005	93	107067	100.0	100.0	
* 5 Chrysene-d12	240	10.344	10.334	0.010	50	90331	100.0	100.0	
* 6 Perylene-d12	264	11.866	11.862	0.004	84	98959	100.0	100.0	
$ 7 2-Fluorophenol	112	3.484	3.485	-0.001	88	2922164	10000	8766.4	
$ 8 Phenol-d5	99	4.216	4.212	0.004	97	3381391	10000	9193.9	
$ 9 Nitrobenzene-d5	82	4.937	4.928	0.009	87	2779943	10000	9541.7	
$ 10 2-methylnaphthalene-d10	152	6.059	6.055	0.004	0	6214408	NC	NC	
$ 11 2-Fluorobiphenyl	172	6.390	6.386	0.004	96	7083415	10000	8126.5	
$ 12 2,4,6-Tribromophenol	330	7.576	7.572	0.004	90	1436618	10000	9566.1	
$ 13 Fluoranthene-d10 (Surr)	212	9.120	9.116	0.004	0	8740338	NC	NC	e
$ 14 Terphenyl-d14	244	9.462	9.458	0.004	97	6508266	10000	8116.1	
15 1,4-Dioxane	88	2.405	2.353	0.052	33	8948	NC	NC	
16 N-Nitrosodimethylamine	74	2.469	2.475	-0.006	77	1438003	10000	9561.4	
17 Pyridine	79	2.480	2.492	-0.012	86	4865097	20000	18256	
19 Phenol	94	4.227	4.222	0.005	95	3423690	10000	9535.6	
18 Aniline	93	4.243	4.238	0.005	74	3911742	10000	8676.9	a
20 Bis(2-chloroethyl)ether	93	4.302	4.297	0.005	97	2606332	10000	8441.0	
21 2-Chlorophenol	128	4.328	4.324	0.004	57	3904697	10000	9023.5	
22 n-Decane	57	4.376	4.377	-0.001	90	2308292	10000	8175.6	
23 1,3-Dichlorobenzene	146	4.446	4.447	-0.001	97	4267220	10000	8281.2	
25 1,4-Dichlorobenzene	146	4.505	4.505	0.000	94	4389329	10000	7847.1	
26 Benzyl alcohol	79	4.612	4.607	0.005	92	2171335	10000	9843.5	
27 1,2-Dichlorobenzene	146	4.622	4.623	-0.001	96	4163295	10000	7948.1	
28 2-Methylphenol	108	4.697	4.692	0.005	60	2961293	10000	9869.1	
29 2,2'-oxybis[1-chloropropane]	45	4.718	4.719	-0.001	48	2928233	10000	8441.5	a
30 Acetophenone	105	4.820	4.810	0.010	95	4087296	10000	9029.8	
31 N-Nitrosodi-n-propylamine	70	4.825	4.815	0.010	75	1666435	10000	9353.9	
32 3 & 4 Methylphenol	108	4.831	4.821	0.010	90	2887901	10000	9184.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
33 Hexachloroethane	117	4.884	4.885	-0.001	92	1741400	10000	8584.5	
34 Nitrobenzene	77	4.953	4.944	0.009	82	2685612	10000	8787.3	
35 Isophorone	82	5.146	5.136	0.010	93	4742321	10000	9013.7	
36 2-Nitrophenol	139	5.204	5.200	0.004	84	2128274	10000	10029	
37 2,4-Dimethylphenol	107	5.247	5.243	0.004	93	3282248	10000	9184.4	
39 Benzoic acid	105	5.407	5.301	0.106	89	5387119	20000	20034	a
38 Bis(2-chloroethoxy)methane	93	5.327	5.323	0.004	97	2966362	10000	8987.4	
40 2,4-Dichlorophenol	162	5.397	5.392	0.005	89	3214581	10000	9770.6	
41 1,2,4-Trichlorobenzene	180	5.461	5.456	0.005	92	3287546	10000	8783.3	
42 Naphthalene	128	5.520	5.515	0.005	97	8136693	10000	9948.1	e
43 4-Chloroaniline	127	5.573	5.569	0.004	82	4333252	10000	9894.3	
44 2,6-Dichlorophenol	162	5.578	5.574	0.004	89	3203473	10000	9981.0	
45 Hexachlorobutadiene	225	5.627	5.622	0.005	94	1944071	10000	8750.8	
46 4-Chloro-3-methylphenol	107	5.979	5.969	0.010	89	2793657	10000	10588	
47 2-Methylnaphthalene	142	6.081	6.081	0.000	82	6557017	10000	8223.0	
48 1-Methylnaphthalene	142	6.161	6.156	0.005	89	6352715	10000	8387.9	
49 Hexachlorocyclopentadiene	237	6.209	6.210	-0.001	87	2359324	10000	10201	
50 1,2,4,5-Tetrachlorobenzene	216	6.220	6.215	0.005	94	3115144	10000	9993.7	
52 2,4,6-Trichlorophenol	196	6.316	6.311	0.005	88	2189506	10000	10110	
53 2,4,5-Trichlorophenol	196	6.348	6.343	0.005	95	2487962	10000	9941.6	
54 1,1'-Biphenyl	154	6.465	6.461	0.004	96	7405757	10000	7787.3	e
55 2-Chloronaphthalene	162	6.476	6.471	0.005	97	6258163	10000	8378.7	
56 2-Nitroaniline	138	6.572	6.568	0.004	92	2471645	10000	9646.6	
57 Dimethyl phthalate	163	6.738	6.722	0.016	98	7407496	10000	9641.9	
58 1,3-Dinitrobenzene	168	6.754	6.744	0.010	92	1389291	10000	9819.6	
59 2,6-Dinitrotoluene	165	6.775	6.765	0.010	72	1939446	10000	9846.6	
60 Acenaphthylene	152	6.812	6.808	0.004	92	8581502	10000	9528.3	e
61 3-Nitroaniline	138	6.914	6.904	0.010	89	2044039	10000	10341	
62 Acenaphthene	153	6.957	6.952	0.005	92	6455324	10000	8414.9	
63 2,4-Dinitrophenol	184	6.999	6.990	0.009	78	2491838	20000	20325	a
64 4-Nitrophenol	109	7.069	7.048	0.021	82	2508541	20000	20345	
65 2,4-Dinitrotoluene	165	7.106	7.096	0.010	70	2574945	10000	9926.0	
66 Dibenzofuran	168	7.101	7.096	0.005	85	7991738	10000	8193.9	e
51 2,3,5,6-Tetrachlorophenol	232	7.170	7.166	0.004	89	1810251	10000	10401	
67 2,3,4,6-Tetrachlorophenol	232	7.208	7.198	0.010	72	2004159	10000	9964.9	
68 Diethyl phthalate	149	7.315	7.299	0.016	98	7504819	10000	8832.0	
69 Fluorene	166	7.379	7.374	0.005	81	7033453	10000	9061.8	
70 4-Chlorophenyl phenyl ether	204	7.389	7.385	0.004	92	3390756	10000	9490.7	
71 4-Nitroaniline	138	7.416	7.401	0.015	40	1875065	10000	10094	
72 4,6-Dinitro-2-methylphenol	198	7.438	7.422	0.016	86	2720777	20000	19509	
73 N-Nitrosodiphenylamine	169	7.491	7.481	0.010	62	5228628	10000	9199.3	
74 Azobenzene	77	7.518	7.513	0.005	92	5108676	10000	8622.0	
75 4-Bromophenyl phenyl ether	248	7.785	7.786	-0.001	62	2086983	10000	9834.8	
76 Hexachlorobenzene	284	7.827	7.818	0.009	86	2368224	10000	8558.8	
77 Atrazine	200	7.940	7.930	0.010	92	2017804	10000	9035.7	
78 Pentachlorophenol	266	7.993	7.983	0.010	86	3206551	20000	19753	
79 n-Octadecane	57	8.084	8.085	-0.001	91	2968506	10000	9928.2	
80 Phenanthrene	178	8.164	8.160	0.005	94	8291956	10000	9656.1	e
81 Anthracene	178	8.207	8.197	0.010	93	8042352	10000	9719.0	e
83 Carbazole	167	8.346	8.336	0.010	84	7337942	10000	10005	
84 Di-n-butyl phthalate	149	8.645	8.646	-0.001	98	9057674	10000	9446.7	e
85 Fluoranthene	202	9.136	9.132	0.004	93	8036302	10000	9702.1	e

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
88 Benzidine	184	9.265	9.260	0.005	98	6530017	20000	20771	
89 Pyrene	202	9.318	9.313	0.005	87	8500762	10000	9745.8	e
94 Butyl benzyl phthalate	149	9.874	9.869	0.005	95	5609656	10000	9854.3	
96 3,3'-Dichlorobenzidine	252	10.328	10.318	0.010	74	6632333	20000	19984	
97 Benzo[a]anthracene	228	10.333	10.323	0.010	97	8822607	10000	9939.8	
99 Chrysene	228	10.370	10.360	0.010	91	8297113	10000	10141	
98 Bis(2-ethylhexyl) phthalate	149	10.392	10.393	0.000	92	7497857	10000	7989.0	
100 Di-n-octyl phthalate	149	11.065	11.055	0.010	98	12039711	10000	9189.2	e
101 Benzo[b]fluoranthene	252	11.444	11.424	0.020	95	9478316	10000	8630.3	
102 Benzofluoranthene	252	11.471	11.456	0.015	1	18448767	20000	15171	
103 Benzo[k]fluoranthene	252	11.471	11.456	0.015	90	9603989	10000	7229.3	
104 Benzo[a]pyrene	252	11.813	11.792	0.021	76	8504491	10000	8399.9	
105 Indeno[1,2,3-cd]pyrene	276	13.191	13.165	0.026	97	9850086	10000	9724.7	
106 Dibenz(a,h)anthracene	278	13.228	13.208	0.020	82	9870204	10000	9016.3	
107 Benzo[g,h,i]perylene	276	13.528	13.496	0.032	94	10113906	10000	9960.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

e - Potential Peak Saturated

Review Flags

a - User Assigned ID

Reagents:

8270_ic_stk_00062	Amount Added: 0.10	Units: mL
8270SIM_IS_00069	Amount Added: 10.00	Units: uL

Report Date: 28-Jan-2022 17:06:39 Chrom Revision: 2.3 18-Jan-2022 20:25:40

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A10_.D

Injection Date: 24-Jan-2022 17:04:30 Instrument ID: TAC051

Lims ID: STD10

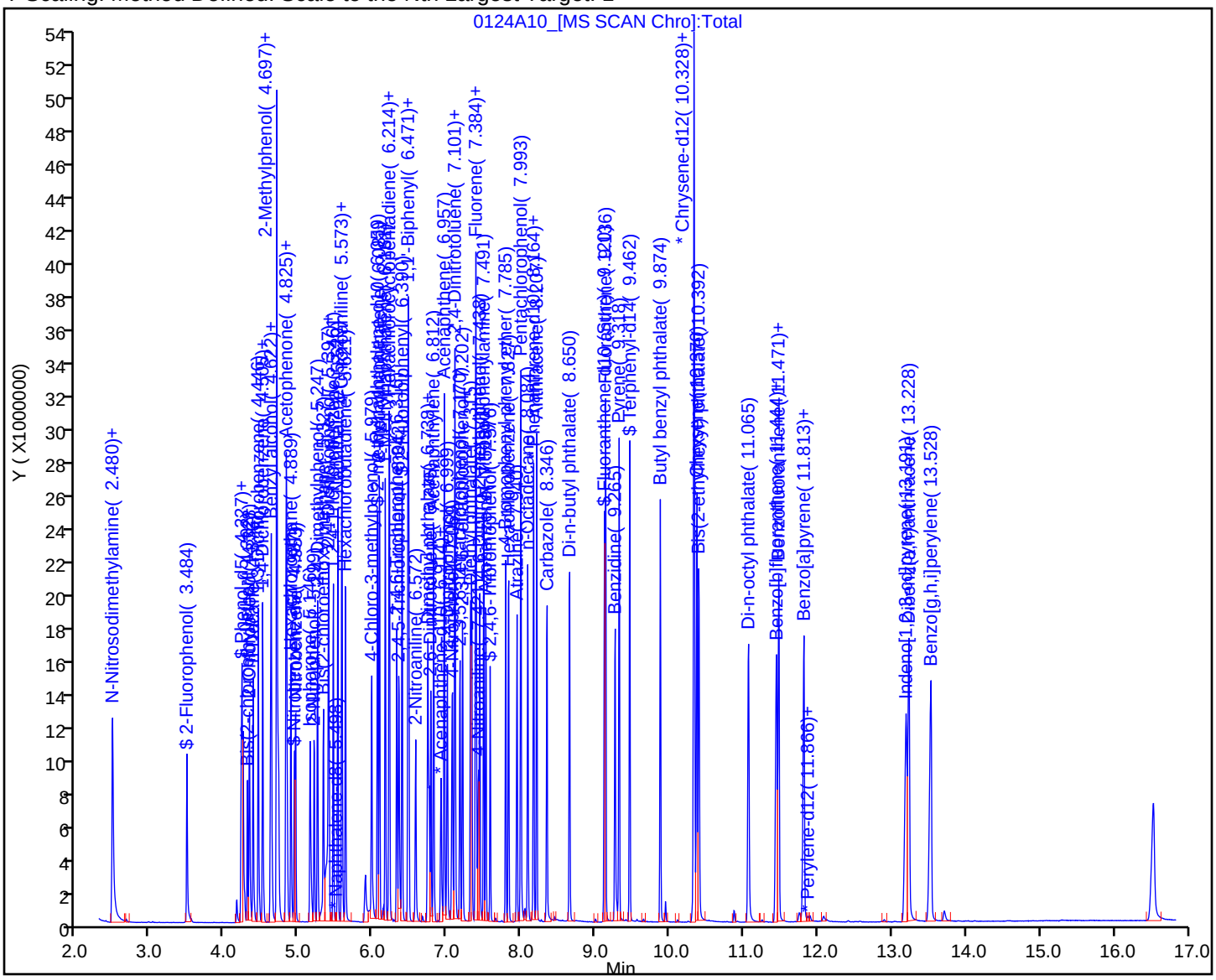
Client ID:

Operator ID: TL ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

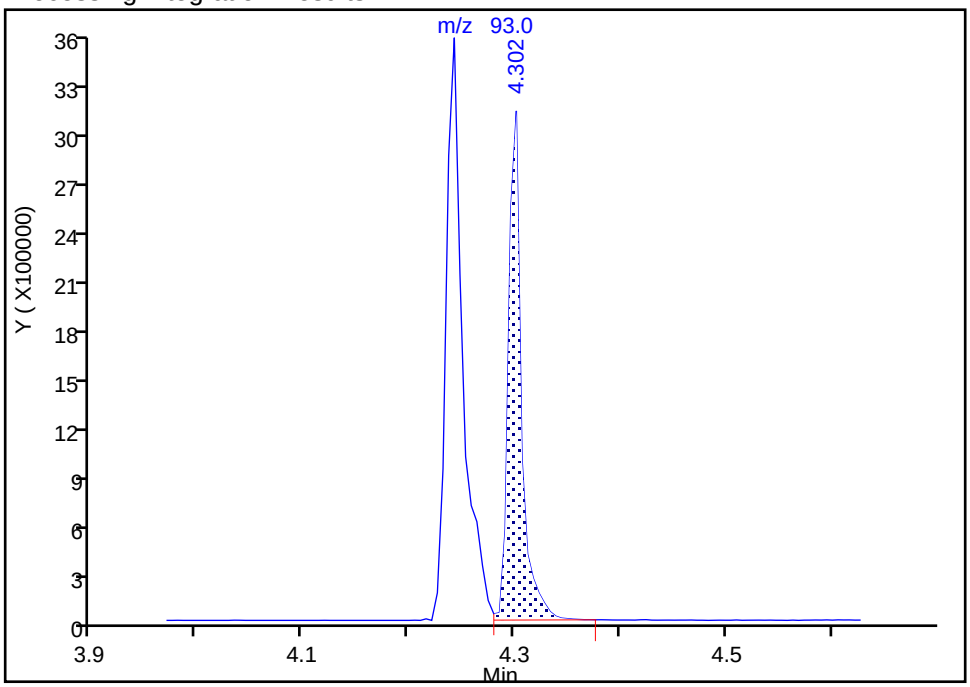
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A10_.D
Injection Date: 24-Jan-2022 17:04:30 Instrument ID: TAC051
Lims ID: STD10
Client ID:
Operator ID: TL ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

18 Aniline, CAS: 62-53-3

Signal: 1

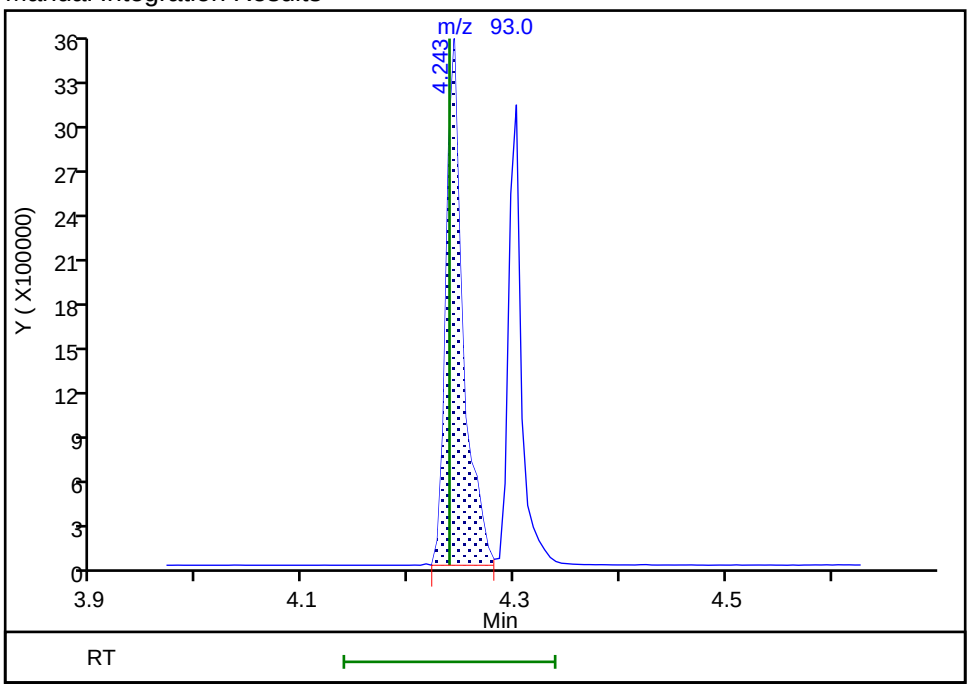
Processing Integration Results

RT: 4.30
Area: 2606332
Amount: 5783.1890
Amount Units: ug/L



Manual Integration Results

RT: 4.24
Area: 3911742
Amount: 8676.8577
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:41:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

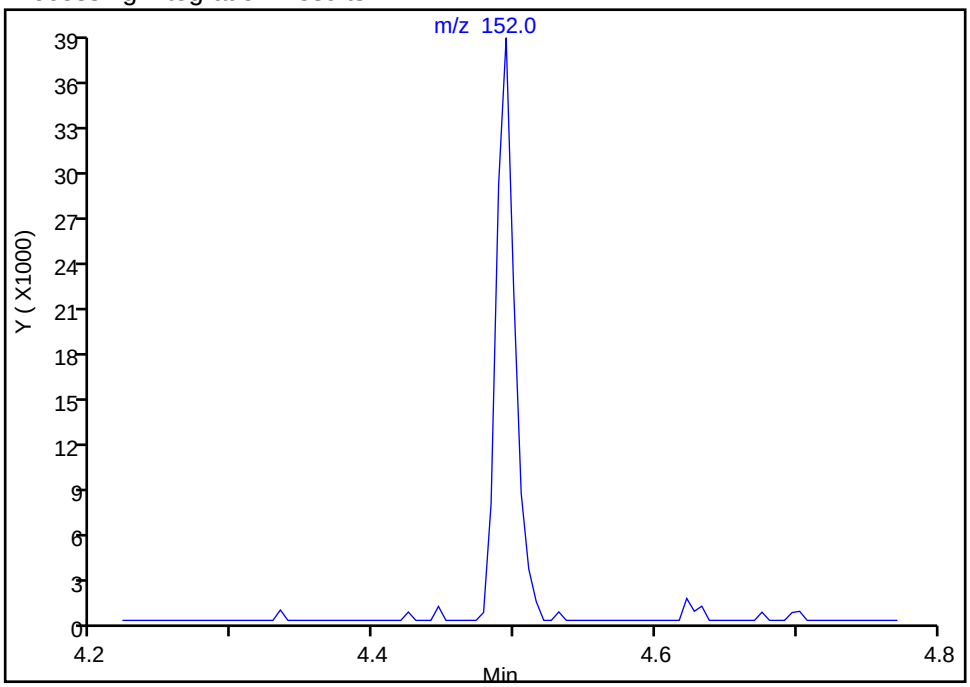
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A10_.D
Injection Date: 24-Jan-2022 17:04:30 Instrument ID: TAC051
Lims ID: STD10
Client ID:
Operator ID: TL ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

* 1 1,4-Dichlorobenzene-d4, CAS: 3855-82-1

Signal: 1

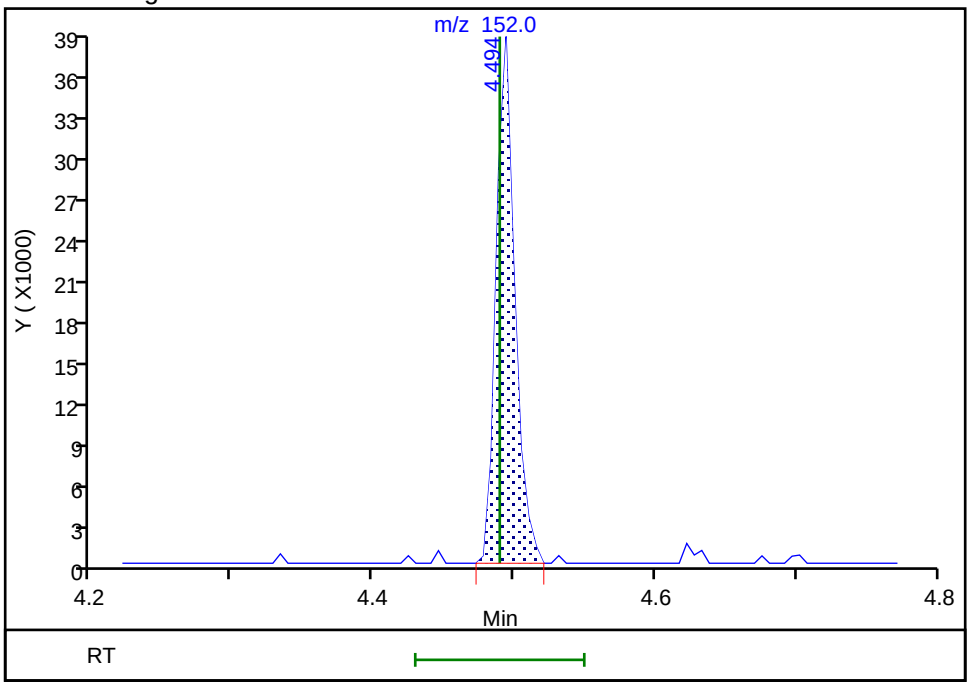
Processing Integration Results

Not Detected
Expected RT: 4.49



Manual Integration Results

RT: 4.49
Area: 35748
Amount: 100.0000
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:41:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

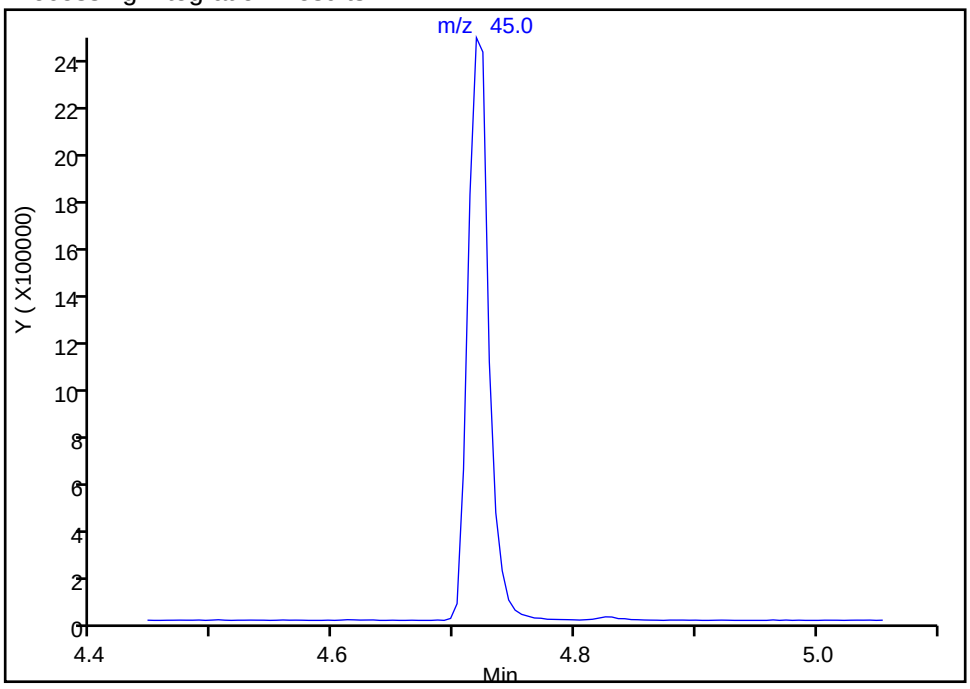
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A10_.D
Injection Date: 24-Jan-2022 17:04:30 Instrument ID: TAC051
Lims ID: STD10
Client ID:
Operator ID: TL ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

29 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

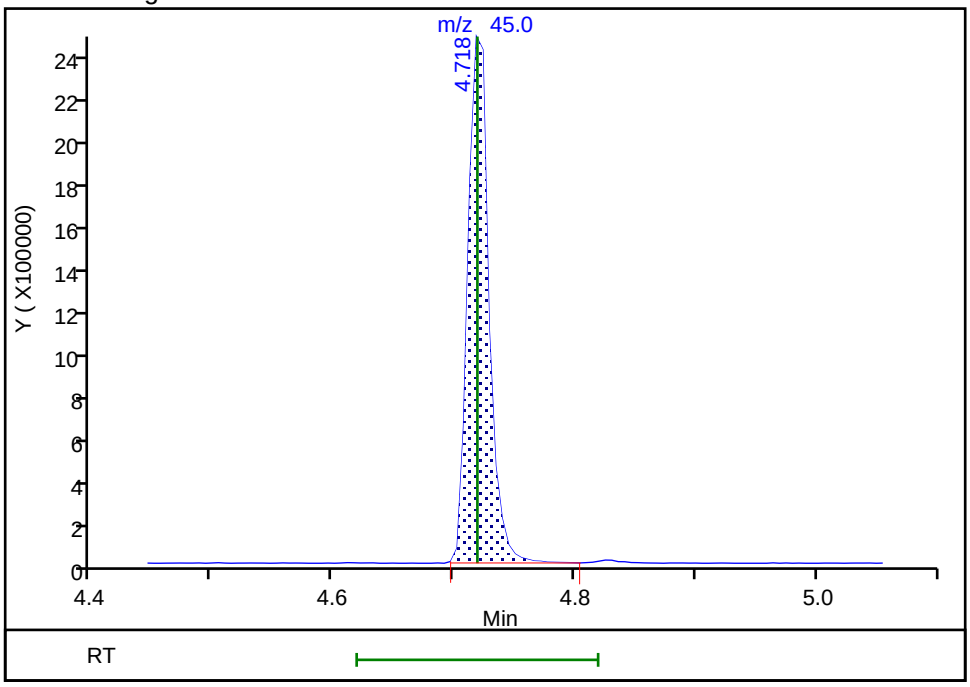
Not Detected
Expected RT: 4.72

Processing Integration Results



Manual Integration Results

RT: 4.72
Area: 2928233
Amount: 8441.5142
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:41:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

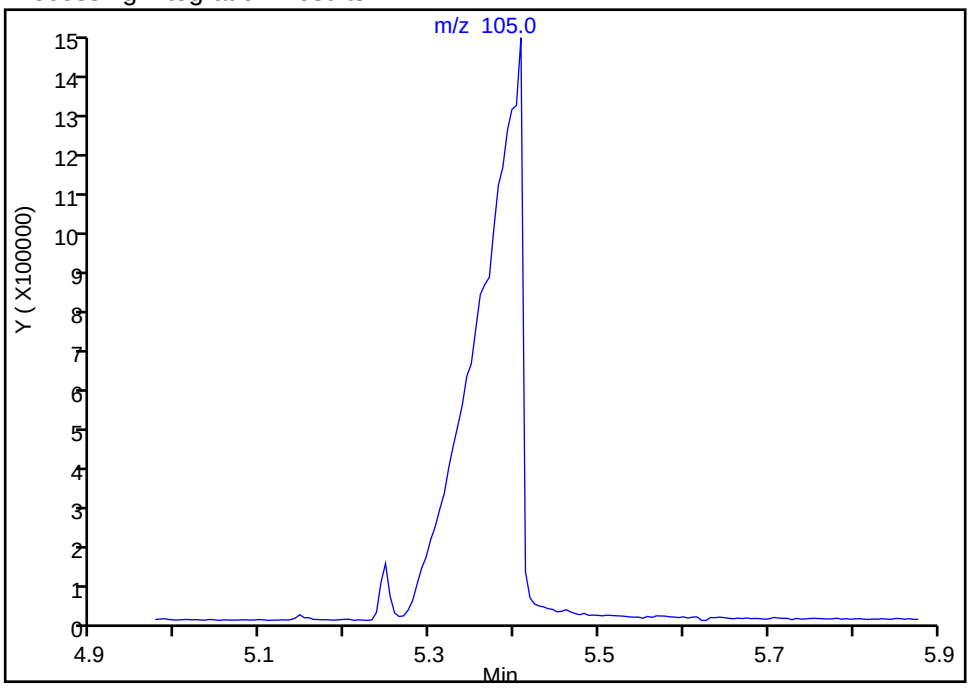
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A10_.D
Injection Date: 24-Jan-2022 17:04:30 Instrument ID: TAC051
Lims ID: STD10
Client ID:
Operator ID: TL ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

39 Benzoic acid, CAS: 65-85-0

Signal: 1

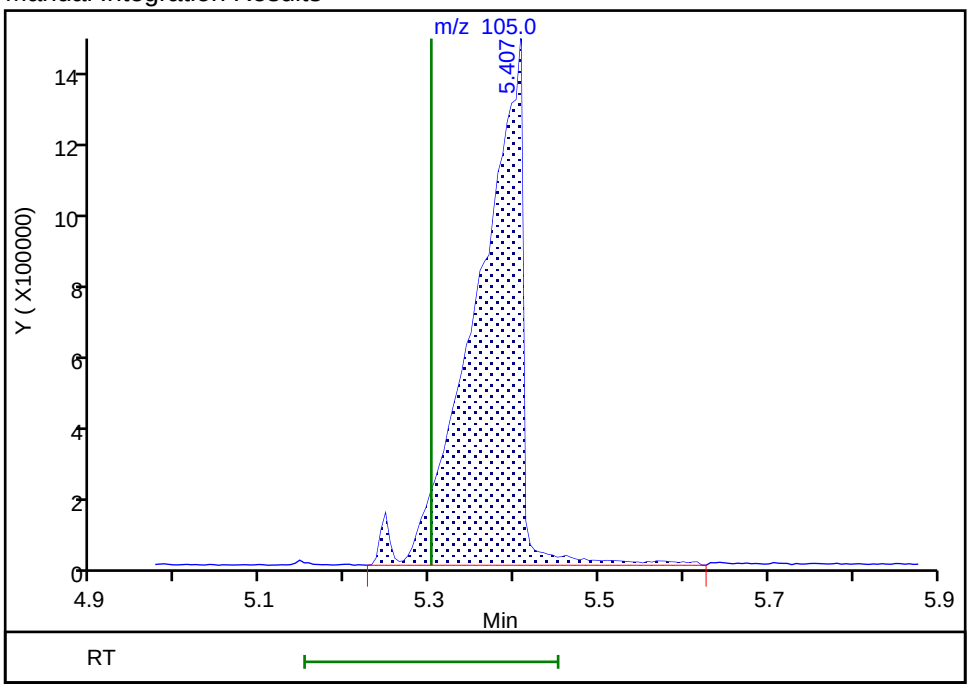
Not Detected
Expected RT: 5.30

Processing Integration Results



Manual Integration Results

RT: 5.41
Area: 5387119
Amount: 20034
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:41:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

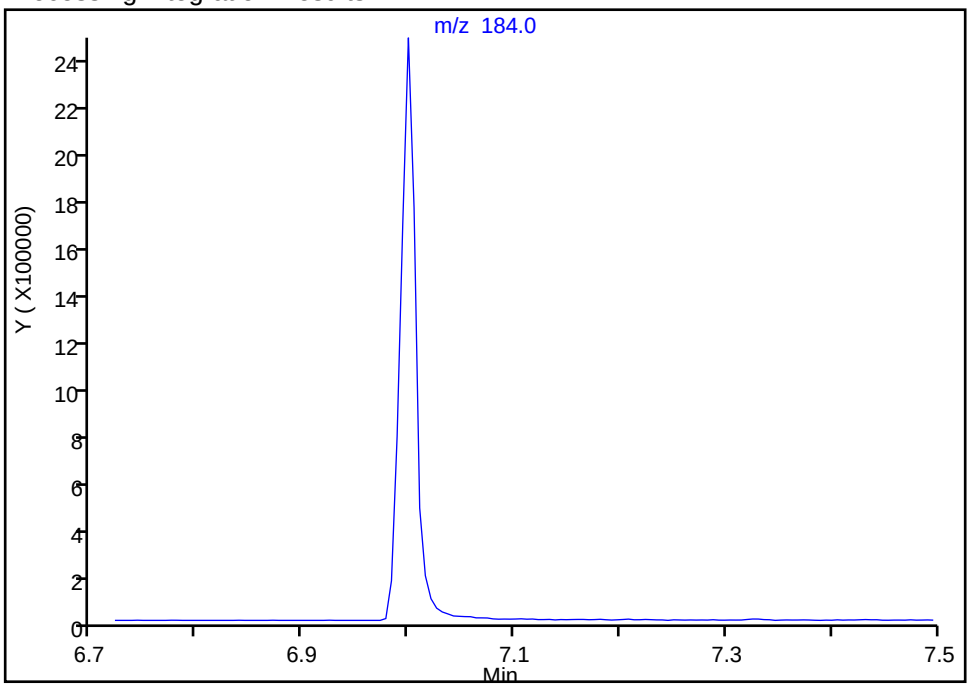
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A10_.D
Injection Date: 24-Jan-2022 17:04:30 Instrument ID: TAC051
Lims ID: STD10
Client ID:
Operator ID: TL ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

63 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

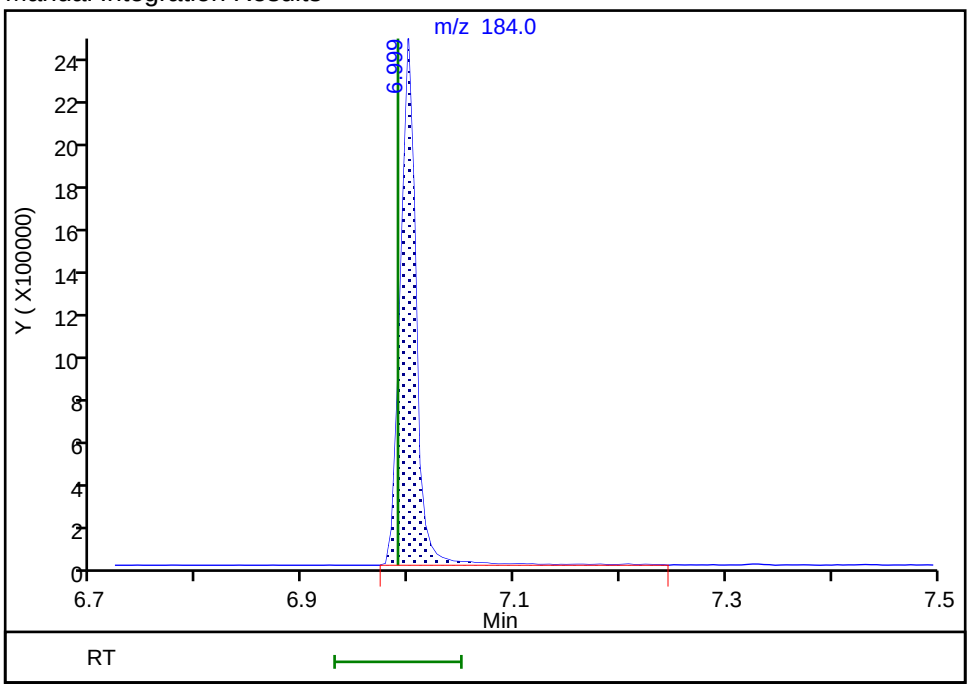
Not Detected
Expected RT: 6.99

Processing Integration Results



Manual Integration Results

RT: 7.00
Area: 2491838
Amount: 20325
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:41:04
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A11_.D
Lims ID: STD9
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 24-Jan-2022 17:28:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 9
Operator ID: TL Instrument ID: TAC051
Sublist: chrom-8270 TAC051*sub34

Method: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 28-Jan-2022 17:06:43 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: limmere Date: 25-Jan-2022 15:02:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.493	4.489	0.004	86	32046	100.0	100.0	
* 2 Naphthalene-d8	136	5.503	5.499	0.004	93	126226	100.0	100.0	
* 3 Acenaphthene-d10	164	6.929	6.925	0.004	35	69529	100.0	100.0	
* 4 Phenanthrene-d10	188	8.142	8.138	0.004	93	103934	100.0	100.0	
* 5 Chrysene-d12	240	10.338	10.334	0.004	48	85575	100.0	100.0	
* 6 Perylene-d12	264	11.866	11.862	0.004	89	93823	100.0	100.0	
$ 7 2-Fluorophenol	112	3.484	3.485	-0.001	87	1660042	5000.0	5557.1	
$ 8 Phenol-d5	99	4.210	4.212	-0.002	97	1869344	5000.0	5669.3	
$ 9 Nitrobenzene-d5	82	4.931	4.928	0.003	87	1521900	5000.0	5065.4	
$ 10 2-methylnaphthalene-d10	152	6.053	6.055	-0.002	0	3587509	NC	NC	
$ 11 2-Fluorobiphenyl	172	6.385	6.386	-0.001	97	4270070	5000.0	4618.7	
$ 12 2,4,6-Tribromophenol	330	7.576	7.572	0.004	88	785601	5000.0	5405.9	
$ 13 Fluoranthene-d10 (Surr)	212	9.120	9.116	0.004	0	5108271	NC	NC	
$ 14 Terphenyl-d14	244	9.462	9.458	0.004	98	3794742	5000.0	4874.9	
15 1,4-Dioxane	88	2.362	2.353	0.009	0	1793	NC	NC	
16 N-Nitrosodimethylamine	74	2.469	2.475	-0.006	75	744037	5000.0	5528.9	
17 Pyridine	79	2.479	2.492	-0.013	87	2527274	10000	10602	
19 Phenol	94	4.221	4.222	-0.001	97	1885852	5000.0	5859.2	
18 Aniline	93	4.237	4.238	-0.001	67	2047944	5000.0	5069.8	
20 Bis(2-chloroethyl)ether	93	4.296	4.297	-0.001	97	1412935	5000.0	5104.7	
21 2-Chlorophenol	128	4.328	4.324	0.004	66	2189408	5000.0	5644.1	
22 n-Decane	57	4.376	4.377	-0.001	89	1265178	5000.0	4998.7	
23 1,3-Dichlorobenzene	146	4.445	4.447	-0.002	97	2424476	5000.0	5248.6	
25 1,4-Dichlorobenzene	146	4.504	4.505	-0.001	95	2477692	5000.0	4941.3	
26 Benzyl alcohol	79	4.606	4.607	-0.001	92	1143127	5000.0	5783.9	
27 1,2-Dichlorobenzene	146	4.622	4.623	-0.001	97	2370683	5000.0	5048.7	
28 2-Methylphenol	108	4.696	4.692	0.004	57	1573928	5000.0	5851.4	
29 2,2'-oxybis[1-chloropropane]	45	4.718	4.719	-0.001	46	1630687	5000.0	5244.0	a
30 Acetophenone	105	4.814	4.810	0.004	96	2309817	5000.0	5692.4	
31 N-Nitrosodi-n-propylamine	70	4.819	4.815	0.004	73	906094	5000.0	5673.5	
32 3 & 4 Methylphenol	108	4.825	4.821	0.004	89	1579216	5000.0	5605.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
33 Hexachloroethane	117	4.883	4.885	-0.002	92	958843	5000.0	5272.8	
34 Nitrobenzene	77	4.948	4.944	0.004	86	1470537	5000.0	5370.8	
35 Isophorone	82	5.140	5.136	0.004	94	2615844	5000.0	5546.3	
36 2-Nitrophenol	139	5.199	5.200	-0.001	88	1162420	5000.0	5314.9	
37 2,4-Dimethylphenol	107	5.241	5.243	-0.002	93	1807128	5000.0	5642.7	
39 Benzoic acid	105	5.370	5.301	0.069	82	2738724	10000	10046	a
38 Bis(2-chloroethoxy)methane	93	5.321	5.323	-0.002	98	1636469	5000.0	5530.9	
40 2,4-Dichlorophenol	162	5.391	5.392	-0.001	80	1794662	5000.0	5297.1	
41 1,2,4-Trichlorobenzene	180	5.455	5.456	-0.001	95	1818176	5000.0	4710.4	
42 Naphthalene	128	5.519	5.515	0.004	97	5521644	5000.0	5208.9	
43 4-Chloroaniline	127	5.573	5.569	0.004	82	2365912	5000.0	5250.2	
44 2,6-Dichlorophenol	162	5.573	5.574	-0.001	85	1778591	5000.0	5049.1	
45 Hexachlorobutadiene	225	5.621	5.622	-0.001	93	1066820	5000.0	4656.6	
46 4-Chloro-3-methylphenol	107	5.973	5.969	0.004	87	1482131	5000.0	5314.9	
47 2-Methylnaphthalene	142	6.080	6.081	-0.001	83	3851996	5000.0	4684.3	
48 1-Methylnaphthalene	142	6.160	6.156	0.004	90	3734140	5000.0	4781.0	
49 Hexachlorocyclopentadiene	237	6.208	6.210	-0.002	92	1289587	5000.0	5257.0	
50 1,2,4,5-Tetrachlorobenzene	216	6.214	6.215	-0.001	95	1755031	5000.0	5031.7	
52 2,4,6-Trichlorophenol	196	6.315	6.311	0.004	88	1257370	5000.0	5488.2	
53 2,4,5-Trichlorophenol	196	6.342	6.343	-0.001	94	1346813	5000.0	5095.6	
54 1,1'-Biphenyl	154	6.465	6.461	0.004	96	4564025	5000.0	4524.7	
55 2-Chloronaphthalene	162	6.475	6.471	0.004	97	3667033	5000.0	4628.8	
56 2-Nitroaniline	138	6.566	6.568	-0.002	92	1348336	5000.0	5351.6	
57 Dimethyl phthalate	163	6.732	6.722	0.010	99	4185506	5000.0	5134.9	
58 1,3-Dinitrobenzene	168	6.748	6.744	0.004	80	733033	5000.0	5191.6	
59 2,6-Dinitrotoluene	165	6.775	6.765	0.009	64	1077271	5000.0	5172.4	
60 Acenaphthylene	152	6.812	6.808	0.004	95	5509536	5000.0	5177.3	
61 3-Nitroaniline	138	6.908	6.904	0.004	88	1071282	5000.0	5146.7	
62 Acenaphthene	153	6.956	6.952	0.004	93	3766831	5000.0	4629.5	
63 2,4-Dinitrophenol	184	6.994	6.990	0.004	84	1279146	10000	10057	a
64 4-Nitrophenol	109	7.058	7.048	0.010	83	1225638	10000	9795.4	
65 2,4-Dinitrotoluene	165	7.100	7.096	0.004	62	1374334	5000.0	5024.6	
66 Dibenzofuran	168	7.100	7.096	0.004	87	5012656	5000.0	4845.6	
51 2,3,5,6-Tetrachlorophenol	232	7.164	7.166	-0.002	88	966835	5000.0	5257.8	
67 2,3,4,6-Tetrachlorophenol	232	7.202	7.198	0.004	74	1066016	5000.0	5010.2	
68 Diethyl phthalate	149	7.309	7.299	0.010	98	4312494	5000.0	4784.9	
69 Fluorene	166	7.378	7.374	0.004	82	4108288	5000.0	4990.4	
70 4-Chlorophenyl phenyl ether	204	7.384	7.385	-0.001	88	1870819	5000.0	4937.0	
71 4-Nitroaniline	138	7.410	7.401	0.009	34	989483	5000.0	5054.7	
72 4,6-Dinitro-2-methylphenol	198	7.432	7.422	0.010	84	1443908	10000	10748	
73 N-Nitrosodiphenylamine	169	7.485	7.481	0.004	61	3054845	5000.0	5536.7	
74 Azobenzene	77	7.517	7.513	0.004	91	2889028	5000.0	5024.4	
75 4-Bromophenyl phenyl ether	248	7.784	7.786	-0.002	59	1147061	5000.0	5231.6	
76 Hexachlorobenzene	284	7.822	7.818	0.004	84	1289466	5000.0	4800.6	
77 Atrazine	200	7.934	7.930	0.004	92	1186308	5000.0	5016.5	
78 Pentachlorophenol	266	7.987	7.983	0.004	87	1690585	10000	10794	
79 n-Octadecane	57	8.083	8.085	-0.002	92	1607173	5000.0	5171.0	
80 Phenanthrene	178	8.158	8.160	-0.001	97	5255844	5000.0	5238.1	
81 Anthracene	178	8.201	8.197	0.004	97	5365074	5000.0	5290.5	
83 Carbazole	167	8.340	8.336	0.004	83	4194838	5000.0	5032.9	
84 Di-n-butyl phthalate	149	8.644	8.646	-0.002	100	6444929	5000.0	5435.9	
85 Fluoranthene	202	9.136	9.132	0.004	96	5421432	5000.0	5275.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
88 Benzidine	184	9.259	9.260	-0.001	98	3023406	10000	9952.6	
89 Pyrene	202	9.317	9.313	0.004	96	5615456	5000.0	5264.1	
94 Butyl benzyl phthalate	149	9.873	9.869	0.004	93	3084606	5000.0	5307.4	
96 3,3'-Dichlorobenzidine	252	10.322	10.318	0.004	72	3367556	10000	10102	
97 Benzo[a]anthracene	228	10.327	10.323	0.004	99	4971440	5000.0	5140.6	
99 Chrysene	228	10.364	10.360	0.004	91	4943043	5000.0	5136.0	
98 Bis(2-ethylhexyl) phthalate	149	10.391	10.393	-0.001	78	4146254	5000.0	4895.7	
100 Di-n-octyl phthalate	149	11.059	11.055	0.004	98	6987870	5000.0	5625.4	
101 Benzo[b]fluoranthene	252	11.433	11.424	0.009	96	5227145	5000.0	5021.0	
102 Benzofluoranthene	252	11.465	11.456	0.009	1	10361259	10000	8986.7	
103 Benzo[k]fluoranthene	252	11.465	11.456	0.009	93	5370634	5000.0	4264.0	
104 Benzo[a]pyrene	252	11.801	11.792	0.009	74	4696887	5000.0	4895.1	
105 Indeno[1,2,3-cd]pyrene	276	13.180	13.165	0.015	91	4974655	5000.0	5184.7	
106 Dibenz(a,h)anthracene	278	13.217	13.208	0.009	75	5303630	5000.0	5116.0	
107 Benzo[g,h,i]perylene	276	13.511	13.496	0.015	93	5489900	5000.0	5047.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

8270_ic_stk_00062	Amount Added: 50.00	Units: uL
8270SIM_IS_00069	Amount Added: 10.00	Units: uL

Report Date: 28-Jan-2022 17:06:44 Chrom Revision: 2.3 18-Jan-2022 20:25:40

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A11_.D

Injection Date: 24-Jan-2022 17:28:30 Instrument ID: TAC051

Lims ID: STD9

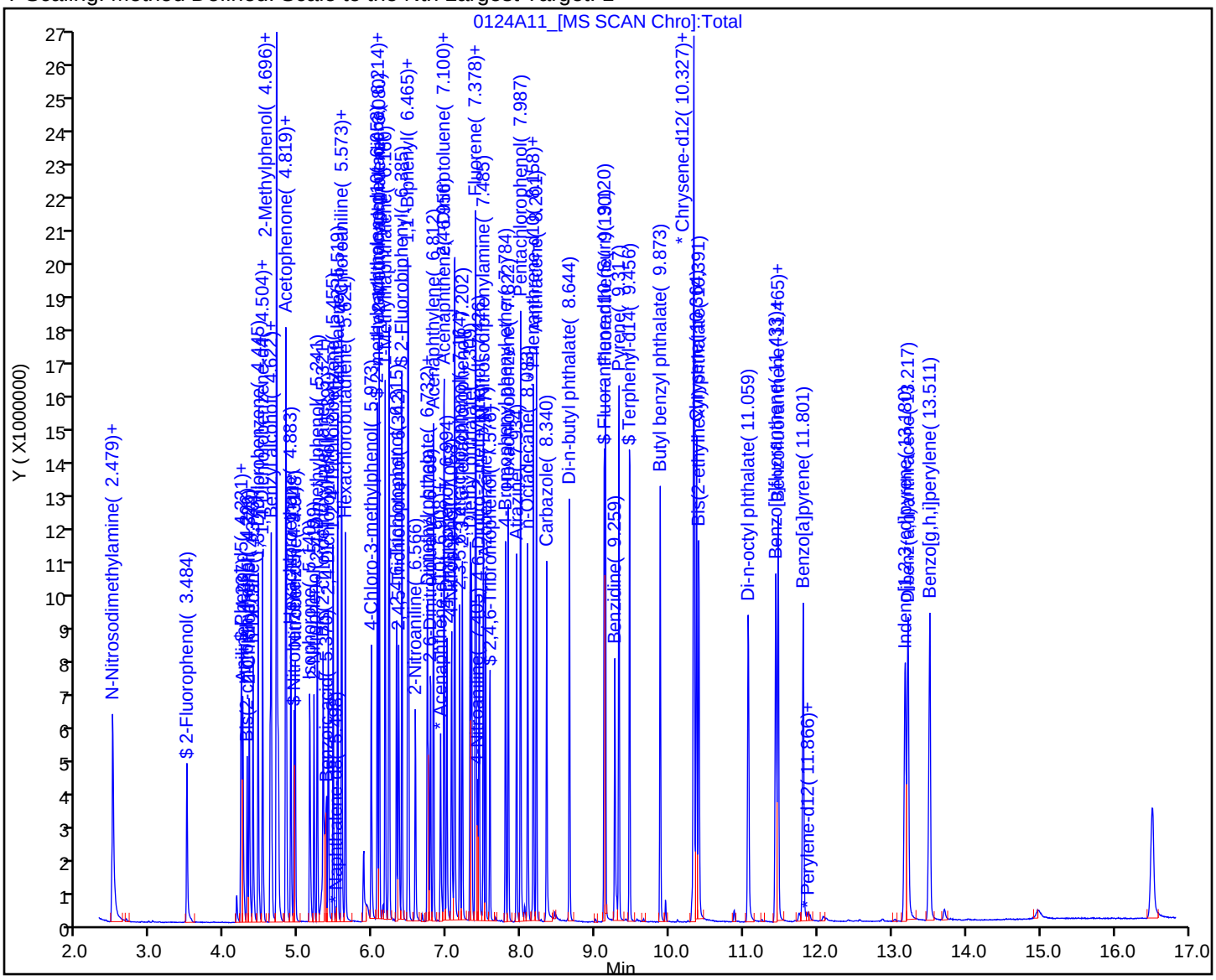
Client ID:

Operator ID: TL ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

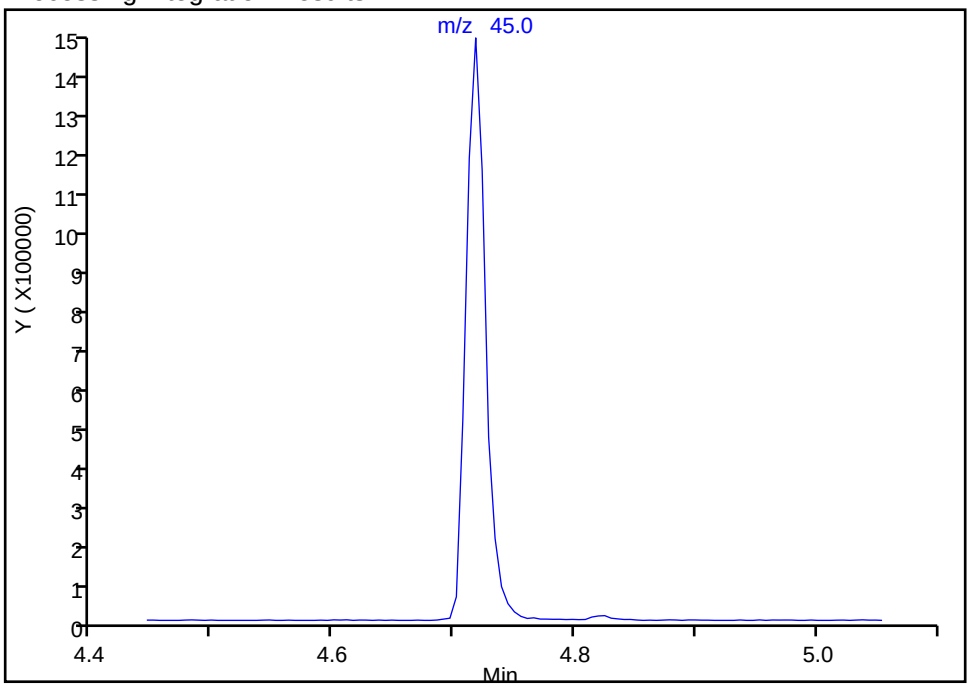
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A11_.D
Injection Date: 24-Jan-2022 17:28:30 Instrument ID: TAC051
Lims ID: STD9
Client ID:
Operator ID: TL ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

29 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

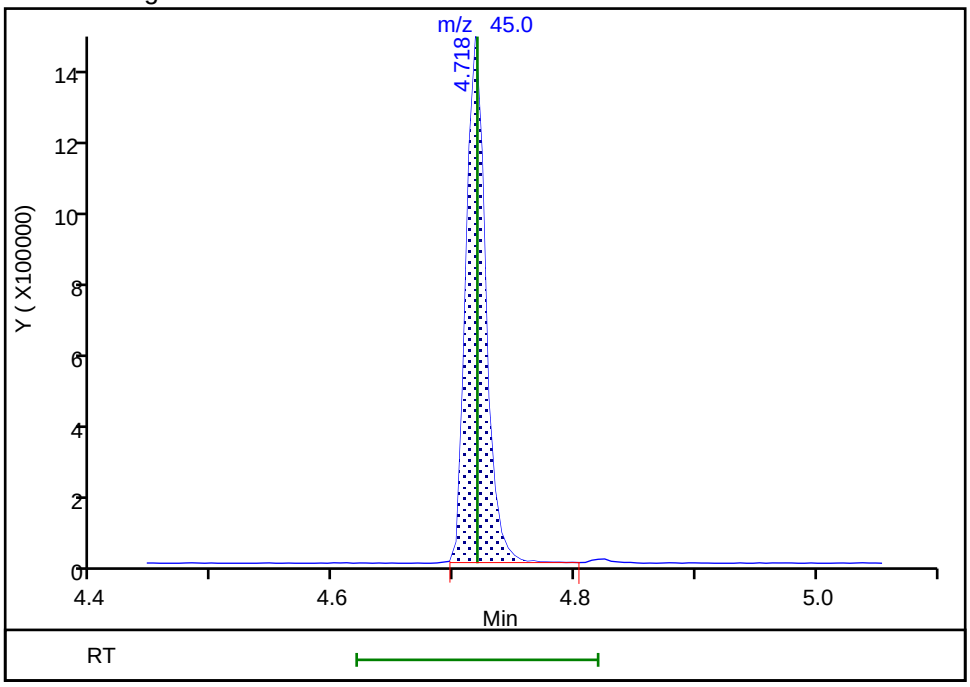
Not Detected
Expected RT: 4.72

Processing Integration Results



Manual Integration Results

RT: 4.72
Area: 1630687
Amount: 5244.0069
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:42:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

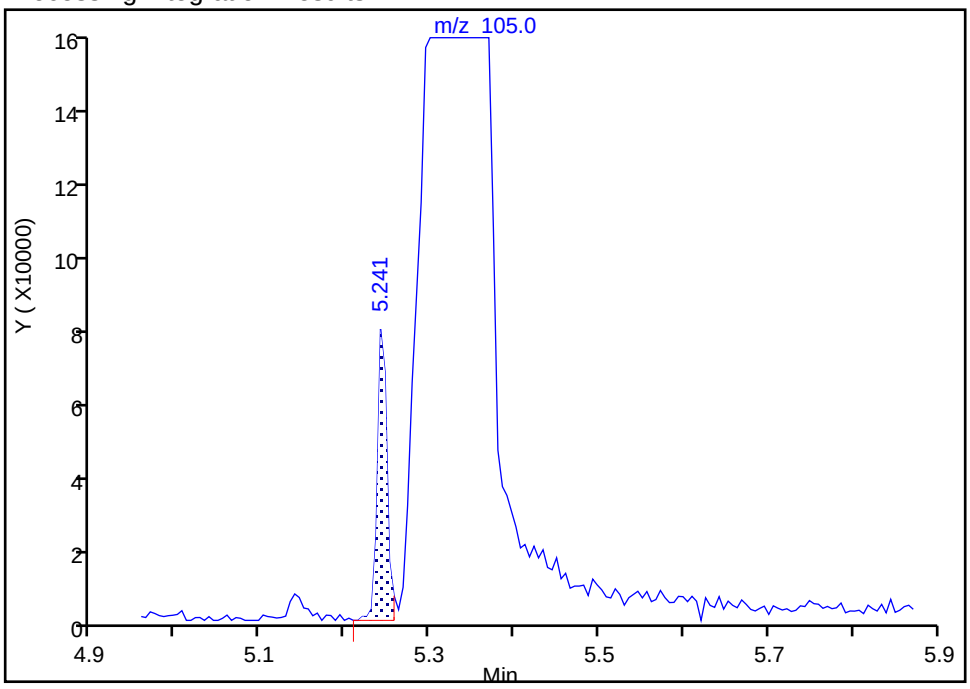
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A11_.D
Injection Date: 24-Jan-2022 17:28:30 Instrument ID: TAC051
Lims ID: STD9
Client ID:
Operator ID: TL ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

39 Benzoic acid, CAS: 65-85-0

Signal: 1

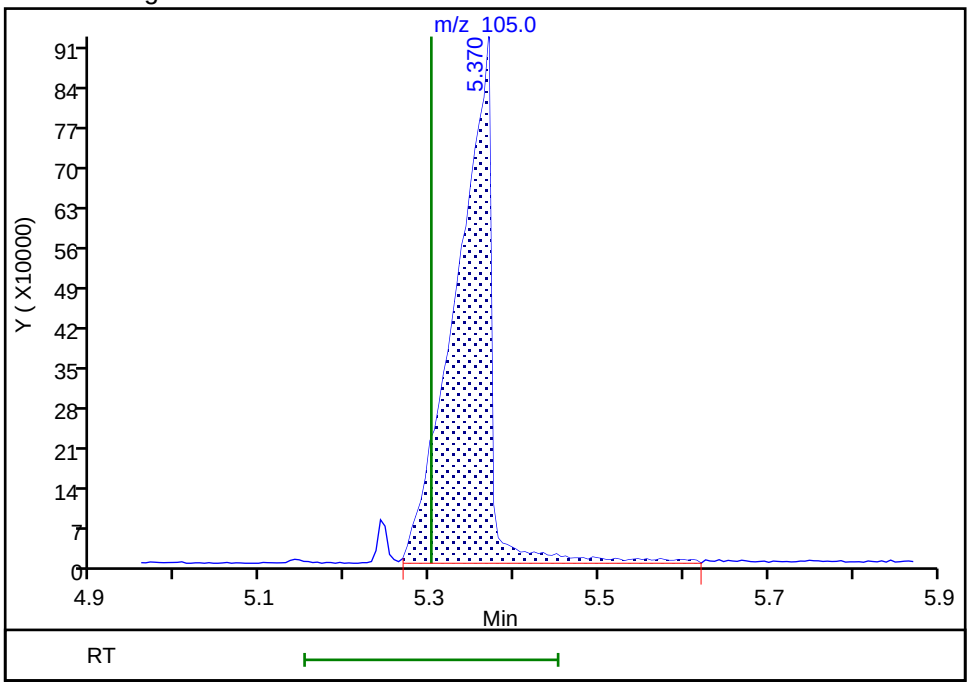
Processing Integration Results

RT: 5.24
Area: 61367
Amount: 536.5393
Amount Units: ug/L



Manual Integration Results

RT: 5.37
Area: 2738724
Amount: 10046
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:45:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

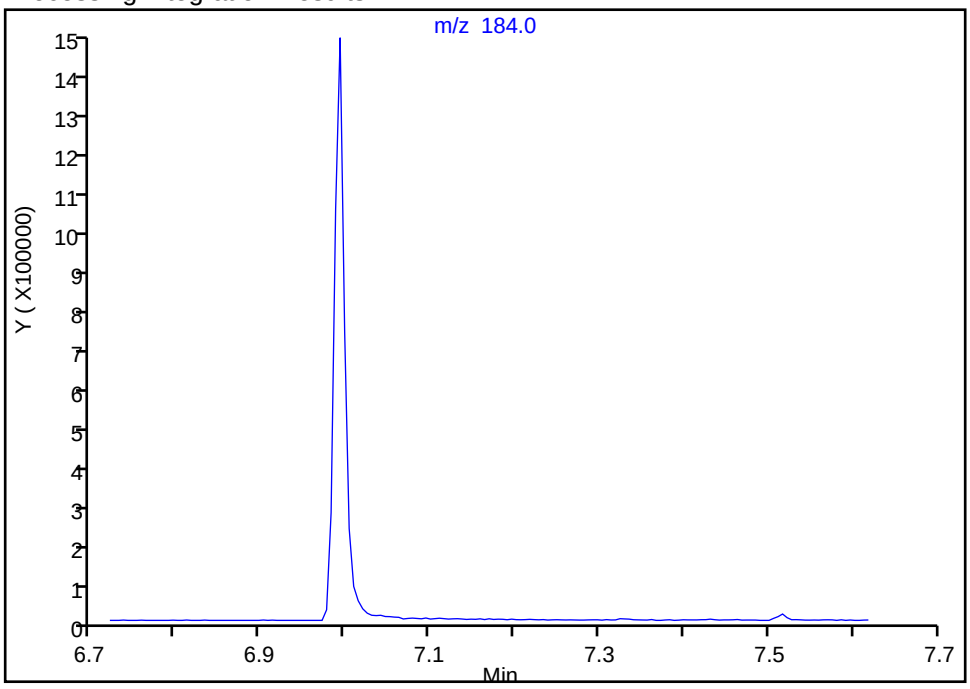
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A11_.D
Injection Date: 24-Jan-2022 17:28:30 Instrument ID: TAC051
Lims ID: STD9
Client ID:
Operator ID: TL ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

63 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

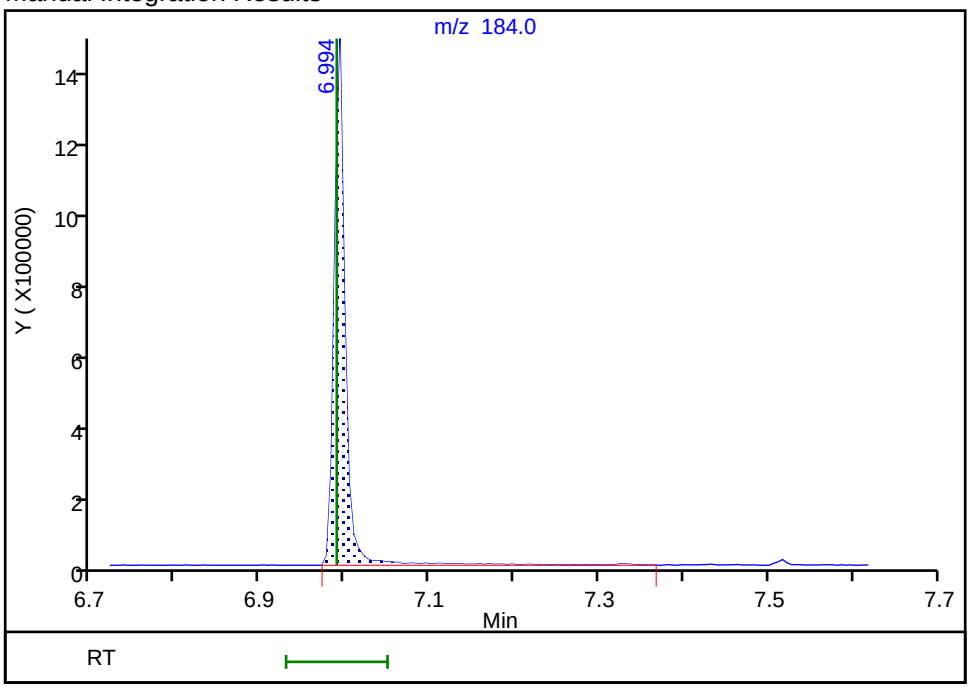
Not Detected
Expected RT: 6.99

Processing Integration Results



Manual Integration Results

RT: 6.99
Area: 1279146
Amount: 10057
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:41:56
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A12_.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 24-Jan-2022 17:51:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 8
Operator ID: TL Instrument ID: TAC051
Sublist: chrom-8270 TAC051*sub34

Method: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 28-Jan-2022 17:06:47 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: limmere Date: 25-Jan-2022 15:03:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.491	4.489	0.002	77	33467	100.0	100.0	a
* 2 Naphthalene-d8	136	5.501	5.499	0.002	94	129957	100.0	100.0	
* 3 Acenaphthene-d10	164	6.927	6.925	0.002	42	65966	100.0	100.0	
* 4 Phenanthrene-d10	188	8.140	8.138	0.002	95	103195	100.0	100.0	
* 5 Chrysene-d12	240	10.335	10.334	0.001	44	88740	100.0	100.0	
* 6 Perylene-d12	264	11.858	11.862	-0.004	87	87987	100.0	100.0	
$ 7 2-Fluorophenol	112	3.481	3.485	-0.004	87	621440	2000.0	1995.0	
$ 8 Phenol-d5	99	4.208	4.212	-0.004	98	707780	2000.0	2054.4	
$ 9 Nitrobenzene-d5	82	4.929	4.928	0.001	88	582610	2000.0	1883.5	
$ 10 2-methylnaphthalene-d10	152	6.051	6.055	-0.004	0	1417896	NC	NC	
$ 11 2-Fluorobiphenyl	172	6.382	6.386	-0.004	99	1706929	2000.0	1946.0	
$ 12 2,4,6-Tribromophenol	330	7.573	7.572	0.001	87	279682	2000.0	1963.5	
$ 13 Fluoranthene-d10 (Surr)	212	9.117	9.116	0.001	0	2072596	NC	NC	
$ 14 Terphenyl-d14	244	9.459	9.458	0.001	99	1529297	2000.0	1978.7	
15 1,4-Dioxane	88	2.349	2.353	-0.004	1	4137	NC	NC	
16 N-Nitrosodimethylamine	74	2.472	2.475	-0.003	76	269153	2000.0	1930.9	
17 Pyridine	79	2.482	2.492	-0.010	88	963115	4000.0	3903.7	
19 Phenol	94	4.219	4.222	-0.004	97	719856	2000.0	2141.6	
18 Aniline	93	4.240	4.238	0.002	59	815352	2000.0	1936.4	
20 Bis(2-chloroethyl)ether	93	4.293	4.297	-0.004	97	554075	2000.0	1916.8	
21 2-Chlorophenol	128	4.325	4.324	0.001	67	824994	2000.0	2036.5	
22 n-Decane	57	4.373	4.377	-0.004	92	493704	2000.0	1867.8	
23 1,3-Dichlorobenzene	146	4.443	4.447	-0.004	98	927931	2000.0	1923.5	
25 1,4-Dichlorobenzene	146	4.507	4.505	0.002	97	958150	2000.0	1829.7	
26 Benzyl alcohol	79	4.603	4.607	-0.004	93	432001	2000.0	2097.7	
27 1,2-Dichlorobenzene	146	4.619	4.623	-0.004	97	923363	2000.0	1882.9	
28 2-Methylphenol	108	4.694	4.692	0.002	55	599419	2000.0	2133.8	
29 2,2'-oxybis[1-chloropropane]	45	4.715	4.719	-0.004	47	620330	2000.0	1910.2	a
30 Acetophenone	105	4.811	4.810	0.001	96	879561	2000.0	2075.6	
31 N-Nitrosodi-n-propylamine	70	4.817	4.815	0.002	79	333139	2000.0	1997.4	
32 3 & 4 Methylphenol	108	4.822	4.821	0.001	88	603891	2000.0	2056.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
33 Hexachloroethane	117	4.886	4.885	0.001	88	359498	2000.0	1893.0	
34 Nitrobenzene	77	4.945	4.944	0.001	86	564801	2000.0	1980.8	
35 Isophorone	82	5.137	5.136	0.001	94	1001416	2000.0	2033.1	
36 2-Nitrophenol	139	5.196	5.200	-0.004	89	445738	2000.0	1984.1	
37 2,4-Dimethylphenol	107	5.239	5.243	-0.004	93	694752	2000.0	2080.2	
39 Benzoic acid	105	5.324	5.301	0.023	47	1051632	4000.0	3957.1	
38 Bis(2-chloroethoxy)methane	93	5.319	5.323	-0.004	97	624017	2000.0	2019.5	
40 2,4-Dichlorophenol	162	5.388	5.392	-0.004	89	661249	2000.0	1906.4	
41 1,2,4-Trichlorobenzene	180	5.458	5.456	0.002	92	703731	2000.0	1770.8	
42 Naphthalene	128	5.517	5.515	0.002	96	2306526	2000.0	1844.8	
43 4-Chloroaniline	127	5.570	5.569	0.001	81	853626	2000.0	1856.0	
44 2,6-Dichlorophenol	162	5.570	5.574	-0.004	87	668074	2000.0	1960.0	
45 Hexachlorobutadiene	225	5.623	5.622	0.001	95	407934	2000.0	1729.5	
46 4-Chloro-3-methylphenol	107	5.971	5.969	0.002	88	540762	2000.0	2067.0	
47 2-Methylnaphthalene	142	6.078	6.081	-0.003	79	1549313	2000.0	1830.0	
48 1-Methylnaphthalene	142	6.158	6.156	0.002	81	1453189	2000.0	1807.2	
49 Hexachlorocyclopentadiene	237	6.206	6.210	-0.004	92	474427	2000.0	2038.5	
50 1,2,4,5-Tetrachlorobenzene	216	6.216	6.215	0.001	94	664954	2000.0	1942.3	
52 2,4,6-Trichlorophenol	196	6.313	6.311	0.002	89	438775	2000.0	2038.3	
53 2,4,5-Trichlorophenol	196	6.345	6.343	0.002	96	489699	2000.0	1980.1	
54 1,1'-Biphenyl	154	6.462	6.461	0.001	95	1833985	2000.0	1916.4	
55 2-Chloronaphthalene	162	6.473	6.471	0.002	97	1437621	2000.0	1912.7	
56 2-Nitroaniline	138	6.564	6.568	-0.004	92	459472	2000.0	2073.1	
57 Dimethyl phthalate	163	6.724	6.722	0.002	99	1607770	2000.0	2076.9	
58 1,3-Dinitrobenzene	168	6.740	6.744	-0.004	82	254656	2000.0	2043.0	
59 2,6-Dinitrotoluene	165	6.767	6.765	0.002	68	396420	2000.0	2026.5	
60 Acenaphthylene	152	6.809	6.808	0.001	90	2253492	2000.0	2079.4	
61 3-Nitroaniline	138	6.906	6.904	0.002	85	394436	2000.0	2042.1	
62 Acenaphthene	153	6.954	6.952	0.002	92	1479588	2000.0	1916.6	
63 2,4-Dinitrophenol	184	6.991	6.990	0.001	73	423163	4000.0	3785.4	a
64 4-Nitrophenol	109	7.050	7.048	0.002	85	411039	4000.0	3970.2	
65 2,4-Dinitrotoluene	165	7.093	7.096	-0.003	63	514538	2000.0	2018.9	
66 Dibenzofuran	168	7.098	7.096	0.002	88	2088576	2000.0	2128.0	
51 2,3,5,6-Tetrachlorophenol	232	7.162	7.166	-0.004	88	361812	2000.0	2098.7	
67 2,3,4,6-Tetrachlorophenol	232	7.199	7.198	0.001	72	399267	2000.0	1993.6	
68 Diethyl phthalate	149	7.306	7.299	0.007	97	1696159	2000.0	1983.6	
69 Fluorene	166	7.376	7.374	0.002	83	1641956	2000.0	2102.2	
70 4-Chlorophenyl phenyl ether	204	7.386	7.385	0.001	90	737588	2000.0	2051.6	
71 4-Nitroaniline	138	7.402	7.401	0.001	34	335166	2000.0	1846.5	
72 4,6-Dinitro-2-methylphenol	198	7.424	7.422	0.002	83	499883	4000.0	3866.3	
73 N-Nitrosodiphenylamine	169	7.483	7.481	0.002	59	1171768	2000.0	2139.0	
74 Azobenzene	77	7.515	7.513	0.002	89	1109354	2000.0	1945.5	
75 4-Bromophenyl phenyl ether	248	7.782	7.786	-0.004	60	435582	2000.0	1922.8	
76 Hexachlorobenzene	284	7.819	7.818	0.001	83	492581	2000.0	1847.0	
77 Atrazine	200	7.931	7.930	0.001	94	454389	2000.0	2036.0	
78 Pentachlorophenol	266	7.985	7.983	0.002	86	606919	4000.0	3995.3	
79 n-Octadecane	57	8.081	8.085	-0.004	91	601553	2000.0	1864.5	
80 Phenanthrene	178	8.156	8.160	-0.003	97	2154658	2000.0	1917.7	
81 Anthracene	178	8.198	8.197	0.001	97	2210236	2000.0	1897.7	
83 Carbazole	167	8.337	8.336	0.001	86	1688495	2000.0	1869.4	
84 Di-n-butyl phthalate	149	8.647	8.646	0.001	99	2675585	2000.0	1910.6	
85 Fluoranthene	202	9.133	9.132	0.001	96	2272893	2000.0	1912.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
88 Benzidine	184	9.256	9.260	-0.004	98	948099	4000.0	3203.0	
89 Pyrene	202	9.315	9.313	0.002	98	2343078	2000.0	1916.0	
94 Butyl benzyl phthalate	149	9.870	9.869	0.001	93	1169116	2000.0	1843.2	
96 3,3'-Dichlorobenzidine	252	10.319	10.318	0.001	70	1342115	4000.0	3759.6	
97 Benzo[a]anthracene	228	10.325	10.323	0.002	99	2000496	2000.0	1834.1	
99 Chrysene	228	10.362	10.360	0.002	93	2040111	2000.0	1803.0	
98 Bis(2-ethylhexyl) phthalate	149	10.394	10.393	0.002	76	1655943	2000.0	1978.3	
100 Di-n-octyl phthalate	149	11.056	11.055	0.001	98	2735228	2000.0	2348.0	
101 Benzo[b]fluoranthene	252	11.425	11.424	0.001	93	2022914	2000.0	2073.4	
102 Benzofluoranthene	252	11.457	11.456	0.001	1	4246638	4000.0	3927.6	
103 Benzo[k]fluoranthene	252	11.457	11.456	0.001	98	2314015	2000.0	1959.1	
104 Benzo[a]pyrene	252	11.794	11.792	0.002	75	1838099	2000.0	2045.5	
105 Indeno[1,2,3-cd]pyrene	276	13.167	13.165	0.002	94	1869567	2000.0	2083.6	
106 Dibenz(a,h)anthracene	278	13.209	13.208	0.001	73	2039921	2000.0	2106.5	
107 Benzo[g,h,i]perylene	276	13.498	13.496	0.002	91	2196860	2000.0	2012.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

8270_ic_stk_00062	Amount Added: 20.00	Units: uL
8270SIM_IS_00069	Amount Added: 10.00	Units: uL

Report Date: 28-Jan-2022 17:06:48 Chrom Revision: 2.3 18-Jan-2022 20:25:40

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A12_.D

Injection Date: 24-Jan-2022 17:51:30 Instrument ID: TAC051

Lims ID: STD8

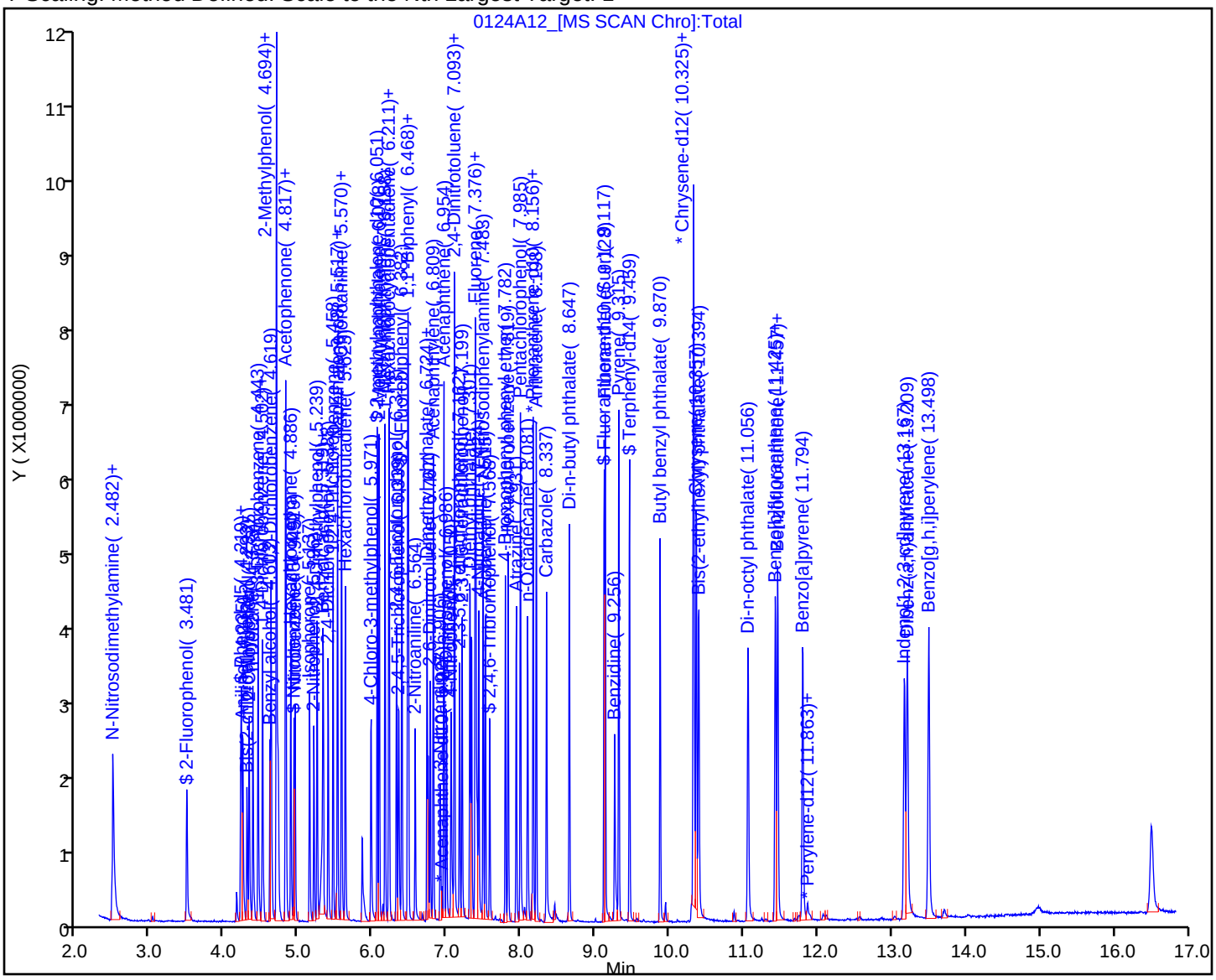
Client ID:

Operator ID: TL ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

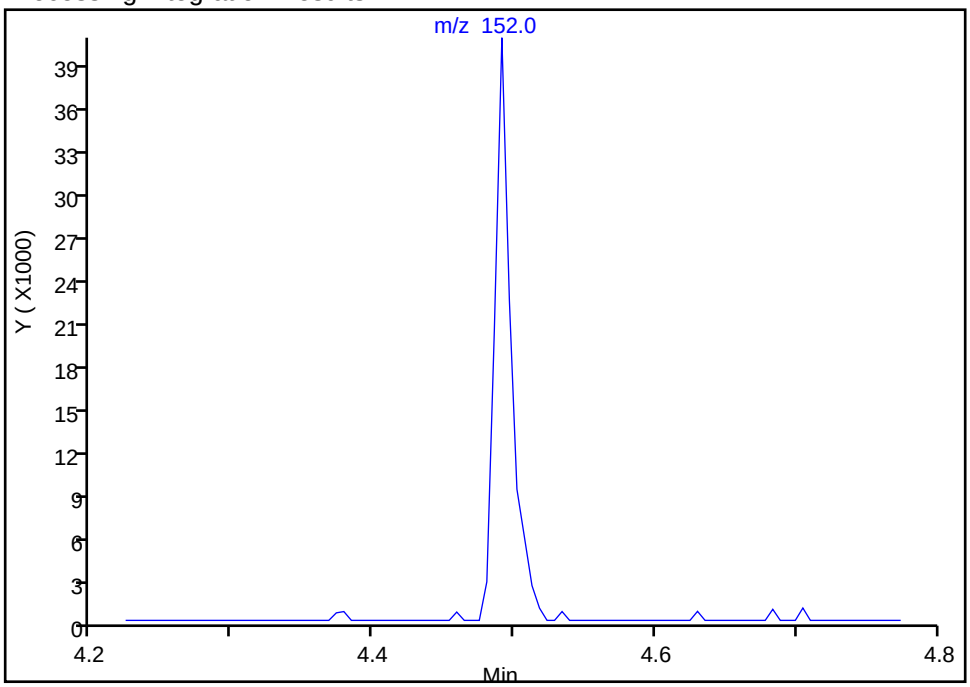
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A12_.D
Injection Date: 24-Jan-2022 17:51:30 Instrument ID: TAC051
Lims ID: STD8
Client ID:
Operator ID: TL ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

* 1 1,4-Dichlorobenzene-d4, CAS: 3855-82-1

Signal: 1

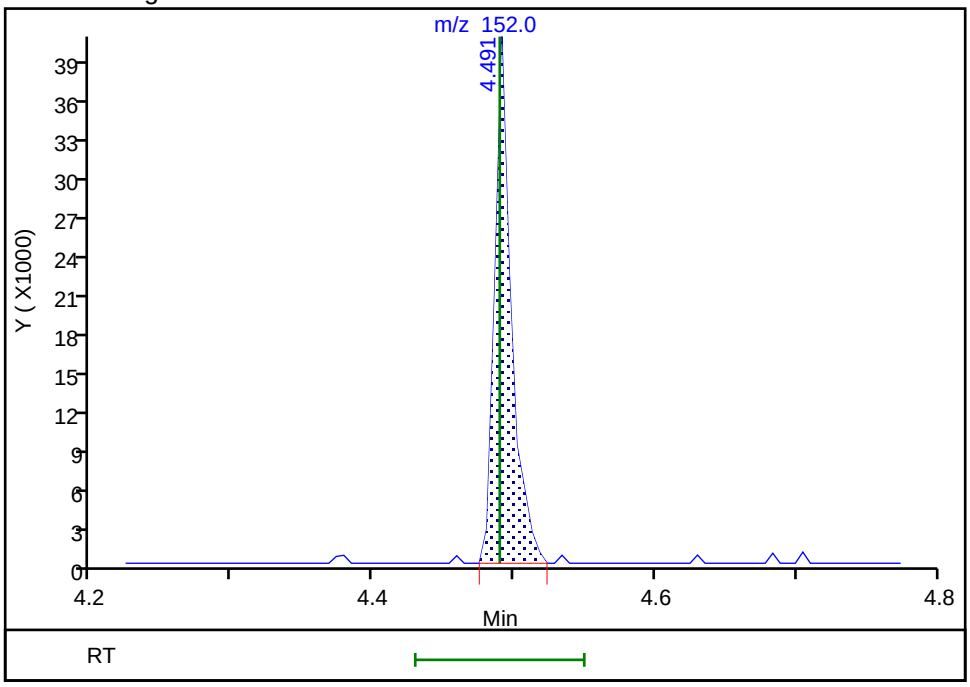
Not Detected
Expected RT: 4.49

Processing Integration Results



Manual Integration Results

RT: 4.49
Area: 33467
Amount: 100.0000
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:42:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

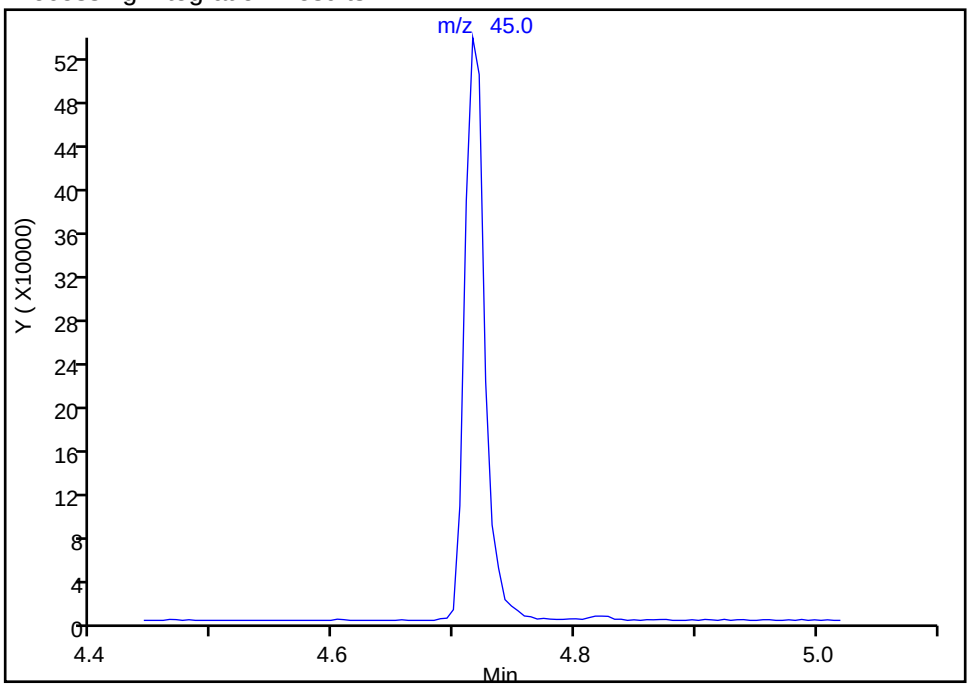
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A12_.D
Injection Date: 24-Jan-2022 17:51:30 Instrument ID: TAC051
Lims ID: STD8
Client ID:
Operator ID: TL ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

29 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

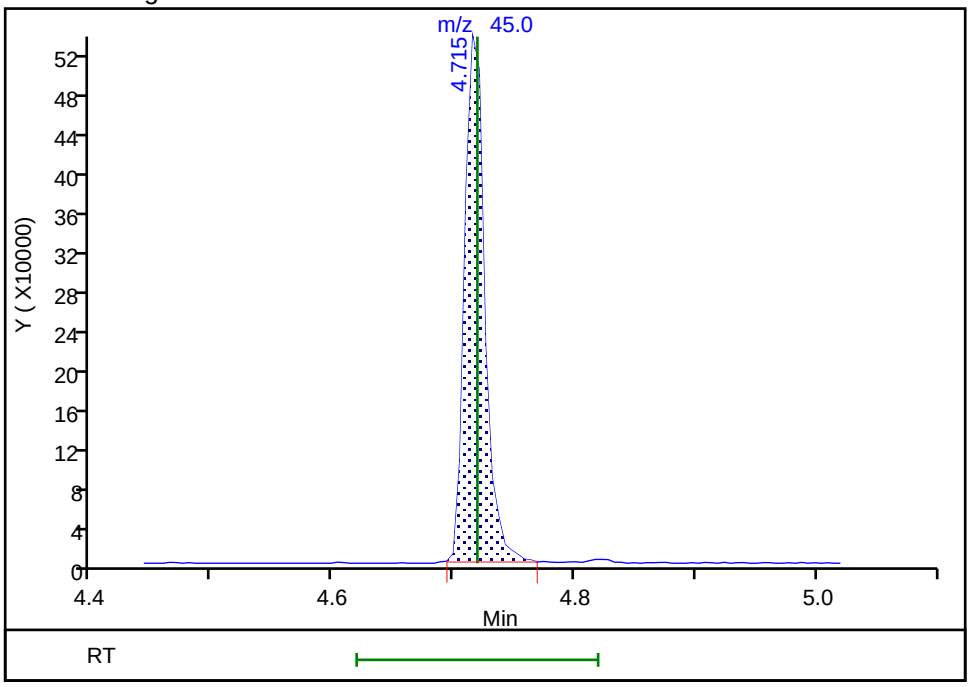
Not Detected
Expected RT: 4.72

Processing Integration Results



Manual Integration Results

RT: 4.72
Area: 620330
Amount: 1910.1720
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:42:30
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

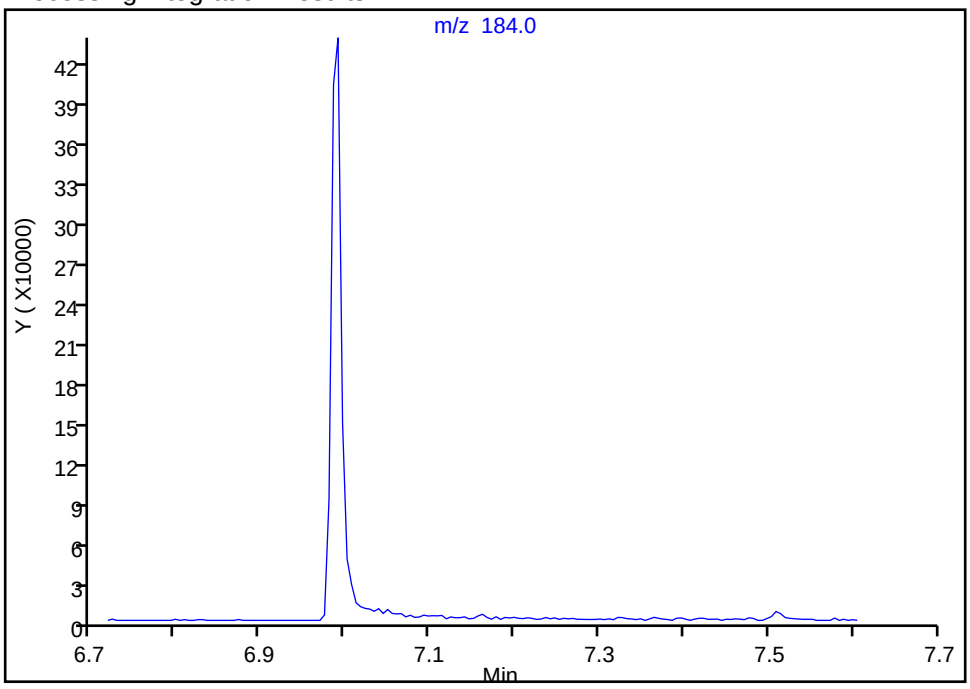
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A12_.D
Injection Date: 24-Jan-2022 17:51:30 Instrument ID: TAC051
Lims ID: STD8
Client ID:
Operator ID: TL ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

63 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

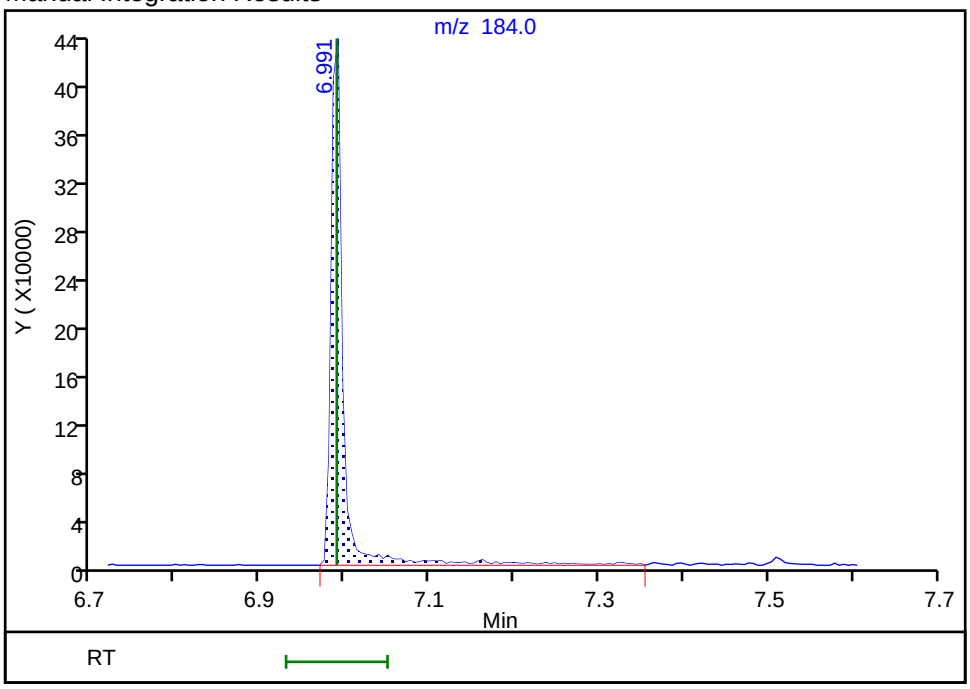
Not Detected
Expected RT: 6.99

Processing Integration Results



Manual Integration Results

RT: 6.99
Area: 423163
Amount: 3785.4448
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:42:36
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A13_.D
Lims ID: STD7IS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 24-Jan-2022 18:14:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 7
Operator ID: TL Instrument ID: TAC051
Sublist: chrom-8270 TAC051*sub34

Method: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 28-Jan-2022 17:06:50 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: boylea Date: 28-Jan-2022 17:03:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.489	4.489	0.000	72	32770	100.0	100.0	
* 2 Naphthalene-d8	136	5.499	5.499	0.000	95	118298	100.0	100.0	
* 3 Acenaphthene-d10	164	6.925	6.925	0.000	54	65313	100.0	100.0	
* 4 Phenanthrene-d10	188	8.138	8.138	0.000	94	94680	100.0	100.0	
* 5 Chrysene-d12	240	10.334	10.334	0.000	52	77460	100.0	100.0	
* 6 Perylene-d12	264	11.862	11.862	0.000	87	82562	100.0	100.0	
$ 7 2-Fluorophenol	112	3.485	3.485	0.000	86	326634	1000.0	1073.1	
$ 8 Phenol-d5	99	4.212	4.212	0.000	98	360808	1000.0	1068.8	
$ 9 Nitrobenzene-d5	82	4.928	4.928	0.000	86	301048	1000.0	1069.1	
$ 10 2-methylnaphthalene-d10	152	6.055	6.055	0.000	0	720455	NC	NC	
$ 11 2-Fluorobiphenyl	172	6.386	6.386	0.000	98	885103	1000.0	1019.2	
$ 12 2,4,6-Tribromophenol	330	7.572	7.572	0.000	83	139026	1000.0	1081.7	
$ 13 Fluoranthene-d10 (Surr)	212	9.116	9.116	0.000	0	1054605	NC	NC	
$ 14 Terphenyl-d14	244	9.458	9.458	0.000	99	764445	1000.0	1078.0	
15 1,4-Dioxane	88	2.353	2.353	0.000	1	2604	NC	NC	
16 N-Nitrosodimethylamine	74	2.475	2.475	0.000	78	137585	1000.0	1019.6	
17 Pyridine	79	2.492	2.492	0.000	89	474344	2000.0	1990.9	
19 Phenol	94	4.222	4.222	0.000	99	371134	1000.0	1127.6	
18 Aniline	93	4.238	4.238	0.000	21	415718	1000.0	1011.1	
20 Bis(2-chloroethyl)ether	93	4.297	4.297	0.000	95	293417	1000.0	1036.6	
21 2-Chlorophenol	128	4.324	4.324	0.000	83	425276	1000.0	1072.1	
22 n-Decane	57	4.377	4.377	0.000	88	256033	1000.0	989.2	
23 1,3-Dichlorobenzene	146	4.447	4.447	0.000	97	507414	1000.0	1074.2	
25 1,4-Dichlorobenzene	146	4.505	4.505	0.000	96	503454	1000.0	981.9	
26 Benzyl alcohol	79	4.607	4.607	0.000	92	211530	1000.0	1052.7	
27 1,2-Dichlorobenzene	146	4.623	4.623	0.000	97	482591	1000.0	1005.0	
28 2-Methylphenol	108	4.692	4.692	0.000	53	302200	1000.0	1098.7	
29 2,2'-oxybis[1-chloropropane]	45	4.719	4.719	0.000	62	323494	1000.0	1017.3	a
30 Acetophenone	105	4.810	4.810	0.000	95	439228	1000.0	1058.5	
31 N-Nitrosodi-n-propylamine	70	4.815	4.815	0.000	73	164634	1000.0	1008.1	
32 3 & 4 Methylphenol	108	4.821	4.821	0.000	87	299221	1000.0	1043.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
33 Hexachloroethane	117	4.885	4.885	0.000	89	187308	1000.0	1007.3	
34 Nitrobenzene	77	4.944	4.944	0.000	83	289563	1000.0	1041.3	
35 Isophorone	82	5.136	5.136	0.000	94	516354	1000.0	1070.6	
36 2-Nitrophenol	139	5.200	5.200	0.000	86	223185	1000.0	1094.6	
37 2,4-Dimethylphenol	107	5.243	5.243	0.000	91	351805	1000.0	1078.0	
39 Benzoic acid	105	5.301	5.301	0.000	50	442673	2000.0	2010.1	
38 Bis(2-chloroethoxy)methane	93	5.323	5.323	0.000	87	328271	1000.0	1085.0	
40 2,4-Dichlorophenol	162	5.392	5.392	0.000	87	329716	1000.0	1051.8	
41 1,2,4-Trichlorobenzene	180	5.456	5.456	0.000	94	366508	1000.0	1013.2	
42 Naphthalene	128	5.515	5.515	0.000	96	1190797	1000.0	1013.9	
43 4-Chloroaniline	127	5.569	5.569	0.000	82	420896	1000.0	1016.7	
44 2,6-Dichlorophenol	162	5.574	5.574	0.000	93	343493	1000.0	1013.5	
45 Hexachlorobutadiene	225	5.622	5.622	0.000	93	215414	1000.0	1003.3	
46 4-Chloro-3-methylphenol	107	5.969	5.969	0.000	87	256346	1000.0	1009.2	
47 2-Methylnaphthalene	142	6.081	6.081	0.000	79	804387	1000.0	1043.7	
48 1-Methylnaphthalene	142	6.156	6.156	0.000	90	775117	1000.0	1058.9	
49 Hexachlorocyclopentadiene	237	6.210	6.210	0.000	87	234068	1000.0	1015.8	
50 1,2,4,5-Tetrachlorobenzene	216	6.215	6.215	0.000	94	346660	1000.0	1009.5	
52 2,4,6-Trichlorophenol	196	6.311	6.311	0.000	90	211695	1000.0	1009.2	
53 2,4,5-Trichlorophenol	196	6.343	6.343	0.000	93	244235	1000.0	1019.4	
54 1,1'-Biphenyl	154	6.461	6.461	0.000	95	962852	1000.0	1016.2	
55 2-Chloronaphthalene	162	6.471	6.471	0.000	97	751023	1000.0	1009.2	
56 2-Nitroaniline	138	6.568	6.568	0.000	85	214029	1000.0	1025.4	
57 Dimethyl phthalate	163	6.722	6.722	0.000	99	855918	1000.0	1115.1	
58 1,3-Dinitrobenzene	168	6.744	6.744	0.000	75	111350	1000.0	978.8	
59 2,6-Dinitrotoluene	165	6.765	6.765	0.000	72	192043	1000.0	1008.5	
60 Acenaphthylene	152	6.808	6.808	0.000	90	1167400	1000.0	1063.3	
61 3-Nitroaniline	138	6.904	6.904	0.000	87	176681	1000.0	964.0	
62 Acenaphthene	153	6.952	6.952	0.000	92	768188	1000.0	1005.1	
63 2,4-Dinitrophenol	184	6.990	6.990	0.000	83	179184	2000.0	1863.7	a
64 4-Nitrophenol	109	7.048	7.048	0.000	81	124182	2000.0	1757.0	
65 2,4-Dinitrotoluene	165	7.096	7.096	0.000	59	258359	1000.0	1053.3	
66 Dibenzofuran	168	7.096	7.096	0.000	88	1074130	1000.0	1105.4	
51 2,3,5,6-Tetrachlorophenol	232	7.166	7.166	0.000	89	174633	1000.0	1044.1	
67 2,3,4,6-Tetrachlorophenol	232	7.198	7.198	0.000	74	197558	1000.0	1009.3	
68 Diethyl phthalate	149	7.299	7.299	0.000	97	895822	1000.0	1058.1	
69 Fluorene	166	7.374	7.374	0.000	83	857897	1000.0	1109.4	
70 4-Chlorophenyl phenyl ether	204	7.385	7.385	0.000	91	379369	1000.0	1065.8	
71 4-Nitroaniline	138	7.401	7.401	0.000	33	160171	1000.0	924.9	
72 4,6-Dinitro-2-methylphenol	198	7.422	7.422	0.000	84	231561	2000.0	2042.2	
73 N-Nitrosodiphenylamine	169	7.481	7.481	0.000	61	601233	1000.0	1196.2	
74 Azobenzene	77	7.513	7.513	0.000	91	584678	1000.0	1119.2	
75 4-Bromophenyl phenyl ether	248	7.786	7.786	0.000	56	217984	1000.0	1041.7	
76 Hexachlorobenzene	284	7.818	7.818	0.000	84	249823	1000.0	1021.0	
77 Atrazine	200	7.930	7.930	0.000	92	229735	1000.0	1048.5	
78 Pentachlorophenol	266	7.983	7.983	0.000	82	281395	2000.0	2090.5	
79 n-Octadecane	57	8.085	8.085	0.000	91	319134	1000.0	1067.5	
80 Phenanthrene	178	8.160	8.160	0.000	96	1131435	1000.0	1065.8	
81 Anthracene	178	8.197	8.197	0.000	97	1143048	1000.0	1037.0	
83 Carbazole	167	8.336	8.336	0.000	82	922250	1000.0	1091.9	
84 Di-n-butyl phthalate	149	8.646	8.646	0.000	99	1369355	1000.0	1023.9	
85 Fluoranthene	202	9.132	9.132	0.000	95	1177032	1000.0	1041.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
88 Benzidine	184	9.260	9.260	0.000	98	591479	2000.0	2205.8	
89 Pyrene	202	9.313	9.313	0.000	98	1200976	1000.0	1033.3	
94 Butyl benzyl phthalate	149	9.869	9.869	0.000	93	577966	1000.0	1034.7	
96 3,3'-Dichlorobenzidine	252	10.318	10.318	0.000	74	655354	2000.0	2095.3	
97 Benzo[a]anthracene	228	10.323	10.323	0.000	99	1040691	1000.0	1075.6	
99 Chrysene	228	10.360	10.360	0.000	92	1041324	1000.0	1021.7	
98 Bis(2-ethylhexyl) phthalate	149	10.393	10.393	0.000	90	807522	1000.0	1121.3	
100 Di-n-octyl phthalate	149	11.055	11.055	0.000	98	1297051	1000.0	1186.6	
101 Benzo[b]fluoranthene	252	11.424	11.424	0.000	92	1020232	1000.0	1115.5	
102 Benzofluoranthene	252	11.456	11.456	0.000	1	2153421	2000.0	2122.5	
103 Benzo[k]fluoranthene	252	11.456	11.456	0.000	98	1169985	1000.0	1055.6	
104 Benzo[a]pyrene	252	11.792	11.792	0.000	75	934286	1000.0	1110.2	
105 Indeno[1,2,3-cd]pyrene	276	13.165	13.165	0.000	97	893927	1000.0	1066.5	
106 Dibenz(a,h)anthracene	278	13.208	13.208	0.000	1	937866	1000.0	1039.2	
107 Benzo[g,h,i]perylene	276	13.496	13.496	0.000	92	1097303	1000.0	1051.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

ccv_8270_1000_00057 Amount Added: 1.00 Units: mL

Report Date: 28-Jan-2022 17:06:51 Chrom Revision: 2.3 18-Jan-2022 20:25:40

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A13_.D

Injection Date: 24-Jan-2022 18:14:30 Instrument ID: TAC051

Lims ID: STD7IS

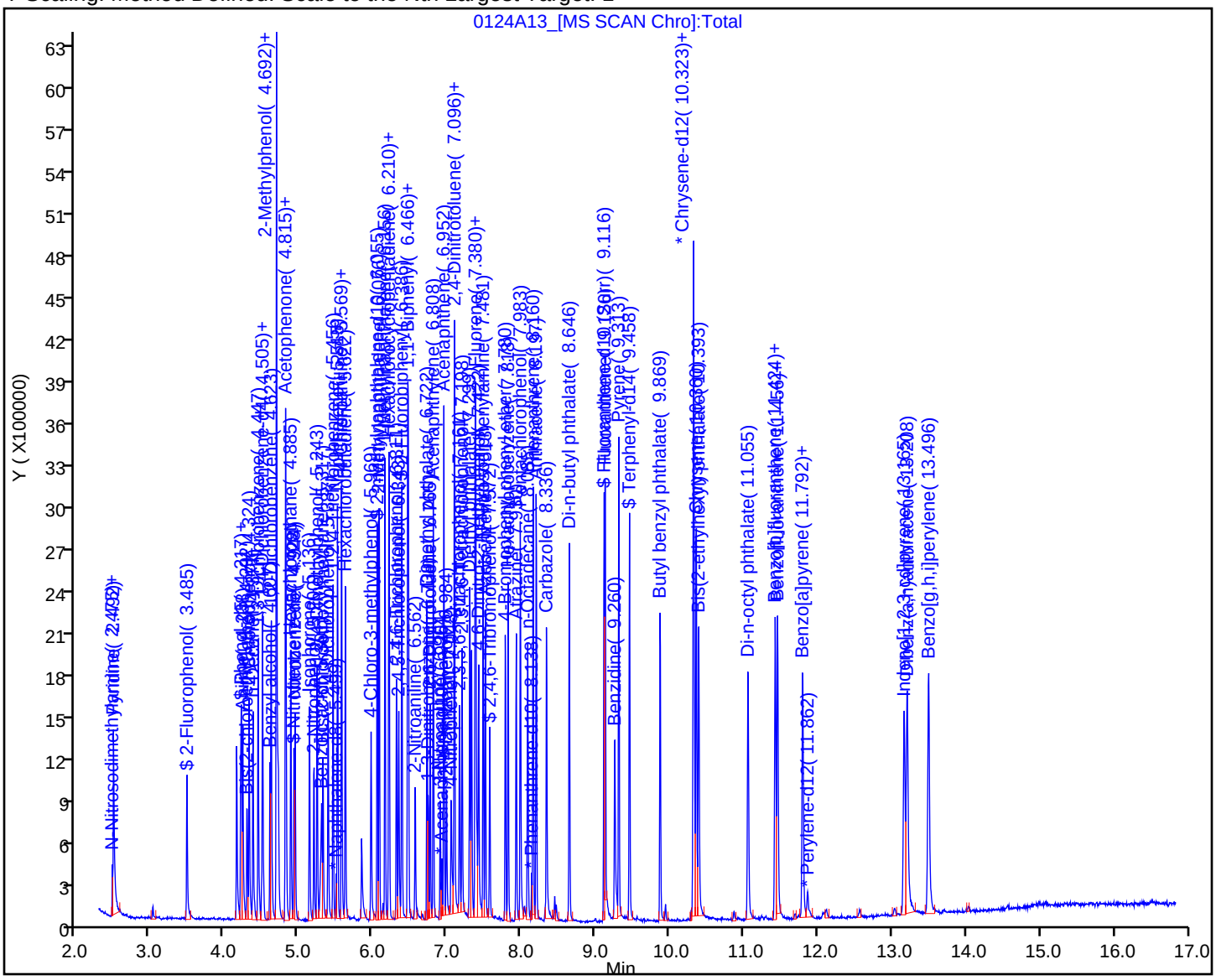
Client ID:

Operator ID: TL ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

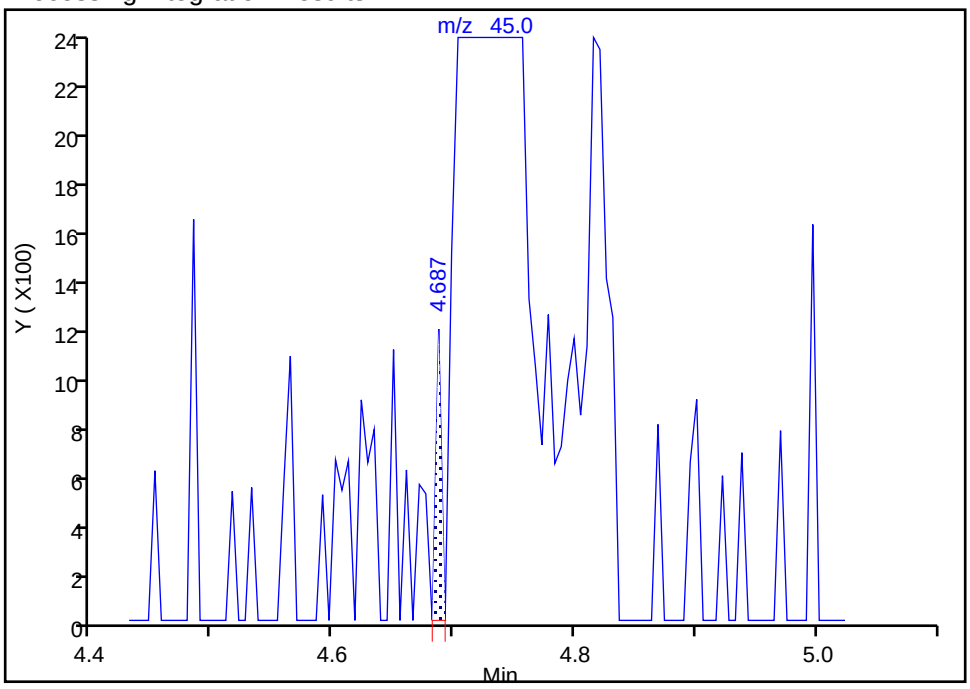
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A13_.D
Injection Date: 24-Jan-2022 18:14:30 Instrument ID: TAC051
Lims ID: STD7IS
Client ID:
Operator ID: TL ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

29 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

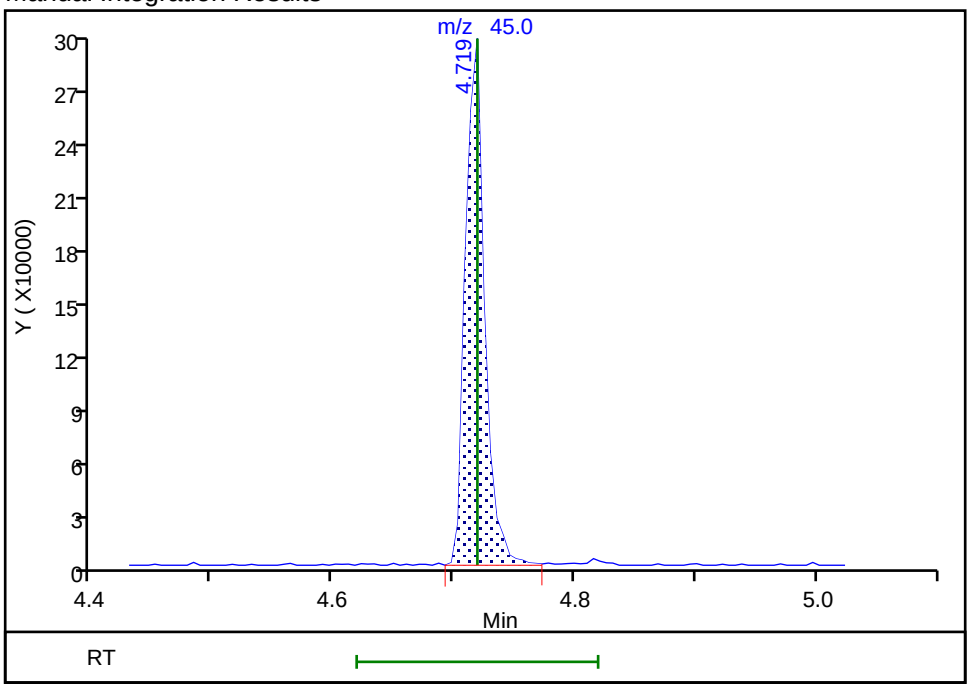
Processing Integration Results

RT: 4.69
Area: 373
Amount: 1.322296
Amount Units: ug/L



Manual Integration Results

RT: 4.72
Area: 323494
Amount: 1017.3169
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:42:49
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

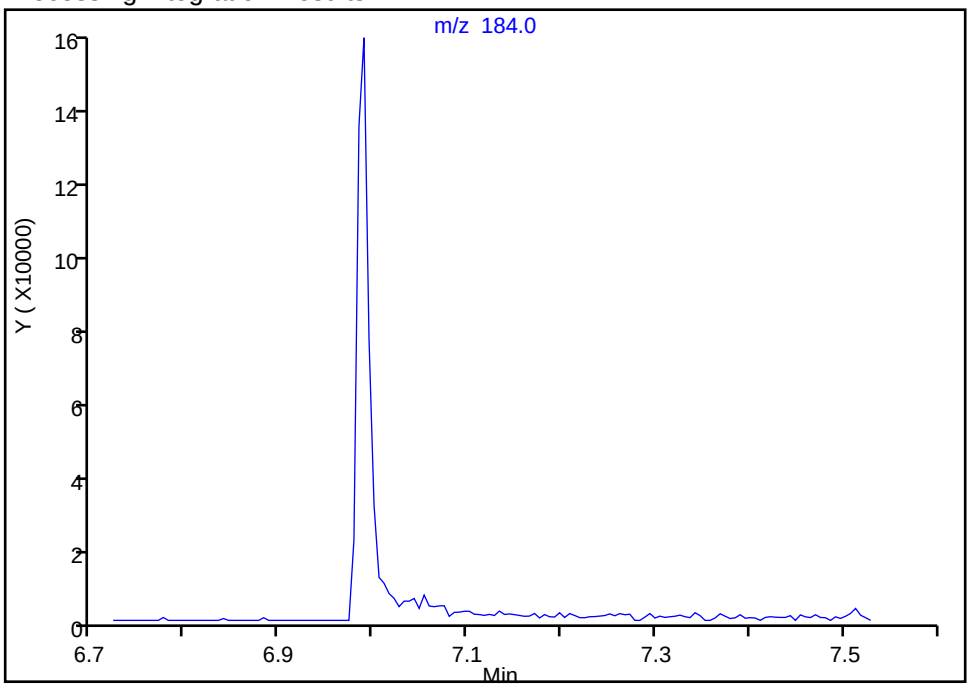
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A13_.D
Injection Date: 24-Jan-2022 18:14:30 Instrument ID: TAC051
Lims ID: STD7IS
Client ID:
Operator ID: TL ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

63 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

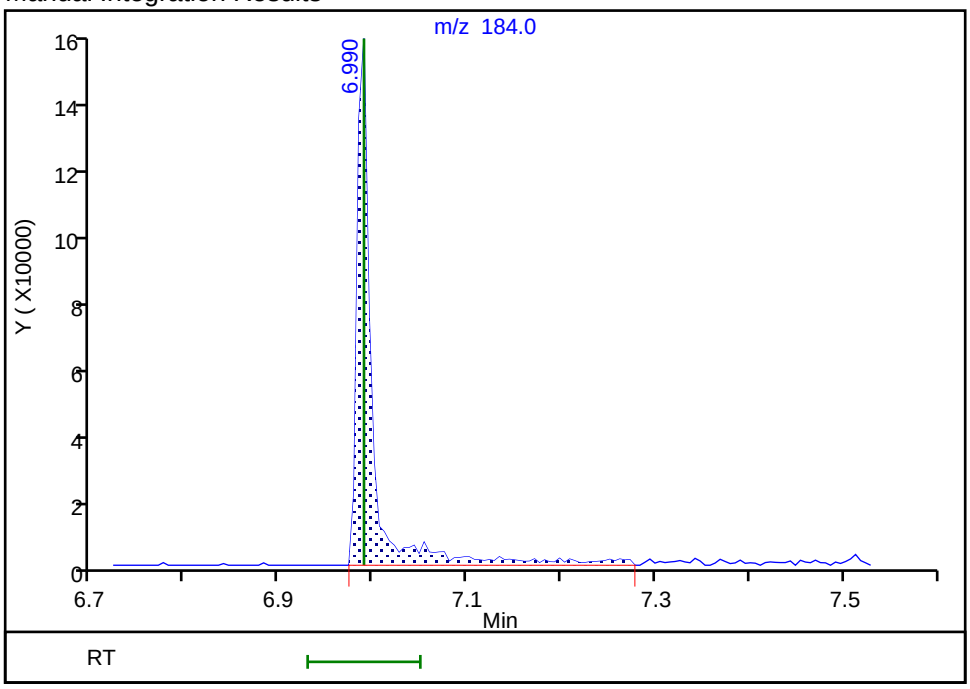
Not Detected
Expected RT: 6.99

Processing Integration Results



Manual Integration Results

RT: 6.99
Area: 179184
Amount: 1863.7065
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:40:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A14_.D
Lims ID: STD6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 24-Jan-2022 18:37:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 6
Operator ID: TL Instrument ID: TAC051
Sublist: chrom-8270 TAC051*sub34

Method: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 28-Jan-2022 17:06:54 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: limmere Date: 25-Jan-2022 15:04:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.489	4.489	0.000	77	32296	100.0	100.0	
* 2 Naphthalene-d8	136	5.499	5.499	0.000	95	117277	100.0	100.0	
* 3 Acenaphthene-d10	164	6.925	6.925	0.000	63	63105	100.0	100.0	
* 4 Phenanthrene-d10	188	8.138	8.138	0.000	90	99516	100.0	100.0	
* 5 Chrysene-d12	240	10.334	10.334	0.000	65	72049	100.0	100.0	
* 6 Perylene-d12	264	11.861	11.862	-0.001	92	83791	100.0	100.0	
$ 7 2-Fluorophenol	112	3.485	3.485	0.000	83	148046	500.0	496.1	
$ 8 Phenol-d5	99	4.212	4.212	0.000	97	176312	500.0	529.2	
$ 9 Nitrobenzene-d5	82	4.927	4.928	-0.001	86	141521	500.0	507.0	
$ 10 2-methylnaphthalene-d10	152	6.055	6.055	0.000	0	350565	NC	NC	
$ 11 2-Fluorobiphenyl	172	6.386	6.386	0.000	98	429162	500.0	511.5	
$ 12 2,4,6-Tribromophenol	330	7.572	7.572	0.000	77	64213	500.0	497.3	
$ 13 Fluoranthene-d10 (Surr)	212	9.116	9.116	0.000	0	499979	NC	NC	
$ 14 Terphenyl-d14	244	9.457	9.458	-0.001	99	367653	500.0	493.3	
15 1,4-Dioxane	88	2.342	2.353	-0.011	1	3096	NC	NC	
16 N-Nitrosodimethylamine	74	2.481	2.475	0.006	72	64929	500.0	500.8	
17 Pyridine	79	2.491	2.492	-0.001	87	235103	1000.0	1028.6	
19 Phenol	94	4.217	4.222	-0.005	94	172626	500.0	532.2	
18 Aniline	93	4.238	4.238	0.000	31	198182	500.0	492.1	
20 Bis(2-chloroethyl)ether	93	4.297	4.297	0.000	96	137086	500.0	491.4	
21 2-Chlorophenol	128	4.324	4.324	0.000	79	202159	500.0	517.1	
22 n-Decane	57	4.377	4.377	0.000	85	122949	500.0	482.0	
23 1,3-Dichlorobenzene	146	4.447	4.447	0.000	96	245696	500.0	527.8	
25 1,4-Dichlorobenzene	146	4.505	4.505	0.000	96	249973	500.0	494.7	
26 Benzyl alcohol	79	4.607	4.607	0.000	91	97253	500.0	495.0	
27 1,2-Dichlorobenzene	146	4.623	4.623	0.000	96	232869	500.0	492.1	
28 2-Methylphenol	108	4.692	4.692	0.000	52	137592	500.0	507.6	
29 2,2'-oxybis[1-chloropropane]	45	4.719	4.719	0.000	49	164087	500.0	523.6	a
30 Acetophenone	105	4.810	4.810	0.000	94	206406	500.0	504.7	
31 N-Nitrosodi-n-propylamine	70	4.815	4.815	0.000	79	87483	500.0	543.5	
32 3 & 4 Methylphenol	108	4.821	4.821	-0.001	86	148354	500.0	528.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
33 Hexachloroethane	117	4.885	4.885	0.000	91	94896	500.0	517.8	
34 Nitrobenzene	77	4.943	4.944	-0.001	84	136174	500.0	501.5	
35 Isophorone	82	5.136	5.136	0.000	94	243865	500.0	513.1	
36 2-Nitrophenol	139	5.200	5.200	0.000	83	104101	500.0	518.8	
37 2,4-Dimethylphenol	107	5.243	5.243	0.000	91	166463	500.0	520.0	
39 Benzoic acid	105	5.285	5.301	-0.016	32	153546	1000.0	921.3	a
38 Bis(2-chloroethoxy)methane	93	5.323	5.323	0.000	92	154553	500.0	518.3	
40 2,4-Dichlorophenol	162	5.387	5.392	-0.005	87	149458	500.0	489.9	
41 1,2,4-Trichlorobenzene	180	5.456	5.456	0.000	91	182921	500.0	510.1	
42 Naphthalene	128	5.515	5.515	0.000	96	601332	500.0	506.3	
43 4-Chloroaniline	127	5.568	5.569	-0.001	82	193225	500.0	484.1	
44 2,6-Dichlorophenol	162	5.568	5.574	-0.006	89	166011	500.0	507.4	
45 Hexachlorobutadiene	225	5.622	5.622	0.000	93	105181	500.0	494.1	
46 4-Chloro-3-methylphenol	107	5.969	5.969	0.000	88	113656	500.0	483.4	
47 2-Methylnaphthalene	142	6.081	6.081	0.000	80	387051	500.0	506.6	
48 1-Methylnaphthalene	142	6.156	6.156	0.000	88	373656	500.0	514.9	
49 Hexachlorocyclopentadiene	237	6.209	6.210	-0.001	83	117382	500.0	527.2	
50 1,2,4,5-Tetrachlorobenzene	216	6.215	6.215	0.000	94	174594	500.0	520.0	
52 2,4,6-Trichlorophenol	196	6.311	6.311	0.000	87	99357	500.0	506.2	
53 2,4,5-Trichlorophenol	196	6.343	6.343	0.000	93	104475	500.0	475.9	
54 1,1'-Biphenyl	154	6.461	6.461	0.000	93	463771	500.0	506.6	
55 2-Chloronaphthalene	162	6.471	6.471	0.000	96	362290	500.0	503.9	
56 2-Nitroaniline	138	6.567	6.568	-0.001	89	88071	500.0	475.4	
57 Dimethyl phthalate	163	6.722	6.722	0.000	99	401664	500.0	539.8	
58 1,3-Dinitrobenzene	168	6.744	6.744	0.000	59	45162	500.0	481.6	
59 2,6-Dinitrotoluene	165	6.765	6.765	0.000	72	82381	500.0	466.3	
60 Acenaphthylene	152	6.808	6.808	0.000	90	554434	500.0	515.5	
61 3-Nitroaniline	138	6.904	6.904	0.000	87	70570	500.0	441.5	
62 Acenaphthene	153	6.952	6.952	0.000	91	370859	500.0	502.2	
63 2,4-Dinitrophenol	184	6.989	6.990	-0.001	69	54667	1000.0	881.1	a
64 4-Nitrophenol	109	7.059	7.048	0.011	81	42833	1000.0	1132.1	
65 2,4-Dinitrotoluene	165	7.091	7.096	-0.005	61	106809	500.0	484.9	
66 Dibenzofuran	168	7.096	7.096	0.000	89	515973	500.0	549.6	
51 2,3,5,6-Tetrachlorophenol	232	7.166	7.166	0.000	80	71880	500.0	468.3	
67 2,3,4,6-Tetrachlorophenol	232	7.198	7.198	0.000	70	95647	500.0	518.8	
68 Diethyl phthalate	149	7.299	7.299	0.000	97	421303	500.0	515.0	
69 Fluorene	166	7.374	7.374	0.000	92	412279	500.0	551.8	
70 4-Chlorophenyl phenyl ether	204	7.385	7.385	0.000	90	183042	500.0	532.2	
71 4-Nitroaniline	138	7.401	7.401	0.000	42	88921	500.0	559.1	M
72 4,6-Dinitro-2-methylphenol	198	7.422	7.422	0.000	82	85170	1000.0	833.0	
73 N-Nitrosodiphenylamine	169	7.481	7.481	0.000	59	285250	500.0	540.0	
74 Azobenzene	77	7.513	7.513	0.000	94	264123	500.0	483.2	
75 4-Bromophenyl phenyl ether	248	7.785	7.786	-0.001	54	100310	500.0	458.4	
76 Hexachlorobenzene	284	7.817	7.818	-0.001	85	115710	500.0	449.9	
77 Atrazine	200	7.930	7.930	0.000	91	105144	500.0	506.1	
78 Pentachlorophenol	266	7.988	7.983	0.005	84	123396	1000.0	956.5	
79 n-Octadecane	57	8.085	8.085	0.000	90	145763	500.0	461.1	
80 Phenanthrene	178	8.159	8.160	0.000	96	544462	500.0	477.5	
81 Anthracene	178	8.197	8.197	0.000	96	525427	500.0	447.6	
83 Carbazole	167	8.336	8.336	0.000	82	453282	500.0	505.1	
84 Di-n-butyl phthalate	149	8.645	8.646	-0.001	99	619421	500.0	428.5	
85 Fluoranthene	202	9.126	9.132	-0.006	96	544870	500.0	448.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
88 Benzidine	184	9.260	9.260	0.000	94	221350	1000.0	841.5	
89 Pyrene	202	9.313	9.313	0.000	96	573415	500.0	458.3	
94 Butyl benzyl phthalate	149	9.869	9.869	0.000	92	254853	500.0	490.8	
96 3,3'-Dichlorobenzidine	252	10.323	10.318	0.005	54	318110	1000.0	1100.1	
97 Benzo[a]anthracene	228	10.323	10.323	0.000	98	484681	500.0	535.1	
99 Chrysene	228	10.355	10.360	-0.005	93	507398	500.0	520.8	
98 Bis(2-ethylhexyl) phthalate	149	10.392	10.393	0.000	77	364738	500.0	549.7	
100 Di-n-octyl phthalate	149	11.055	11.055	0.000	97	564577	500.0	508.9	
101 Benzo[b]fluoranthene	252	11.423	11.424	-0.001	91	466400	500.0	503.7	
102 Benzofluoranthene	252	11.455	11.456	-0.001	1	1028183	1000.0	998.5	a
103 Benzo[k]fluoranthene	252	11.455	11.456	-0.001	96	595047	500.0	529.0	
104 Benzo[a]pyrene	252	11.797	11.792	0.005	73	424087	500.0	499.2	
105 Indeno[1,2,3-cd]pyrene	276	13.165	13.165	0.000	92	387093	500.0	460.7	
106 Dibenz(a,h)anthracene	278	13.208	13.208	0.000	1	456625	500.0	505.8	
107 Benzo[g,h,i]perylene	276	13.496	13.496	0.000	91	480002	500.0	449.5	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ccv_8270_1000_00057	Amount Added: 500.00	Units: uL
8270SIM_IS_00069	Amount Added: 5.00	Units: uL

Report Date: 28-Jan-2022 17:06:55 Chrom Revision: 2.3 18-Jan-2022 20:25:40

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A14_.D

Injection Date: 24-Jan-2022 18:37:30 Instrument ID: TAC051

Lims ID: STD6

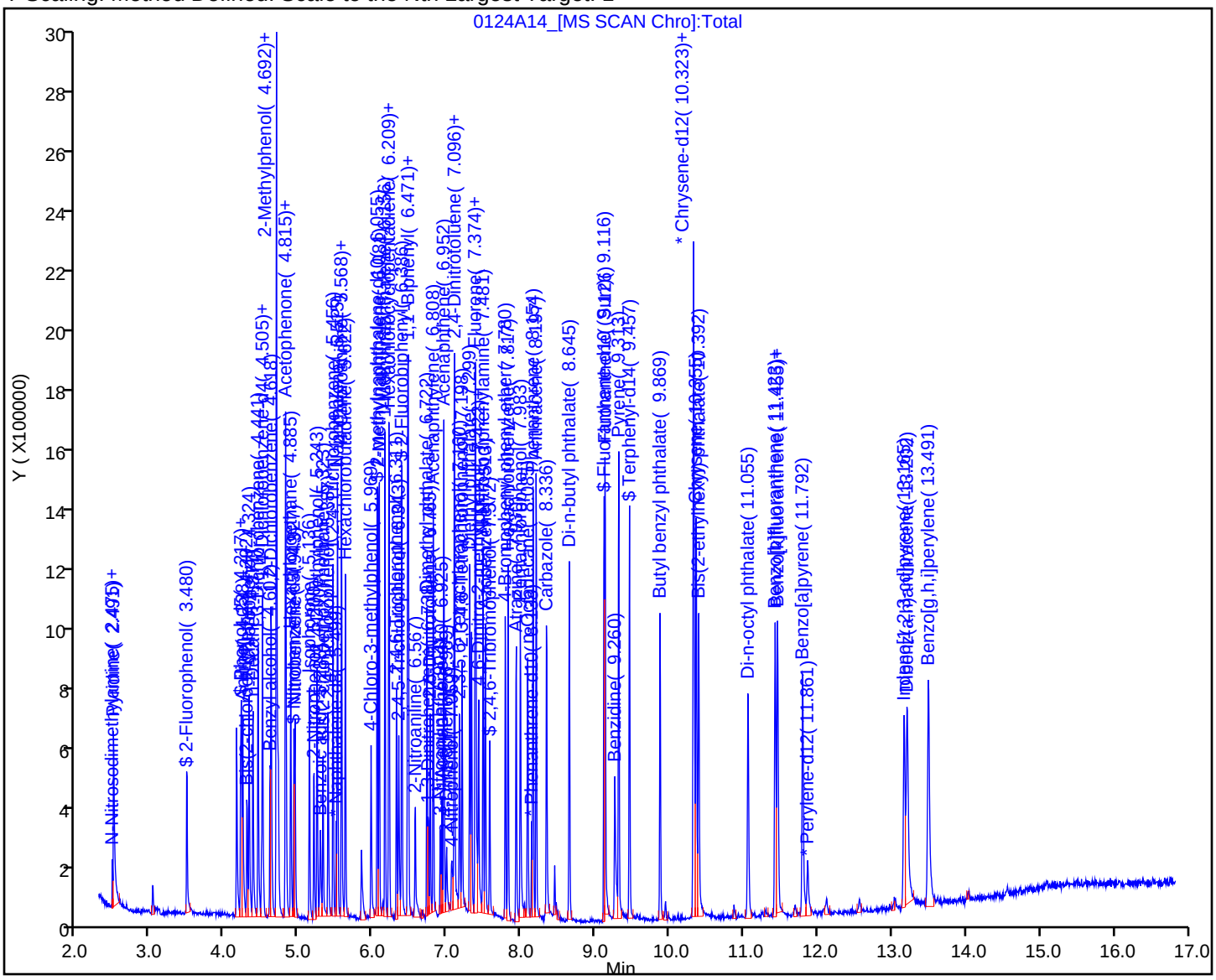
Client ID:

Operator ID: TL ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

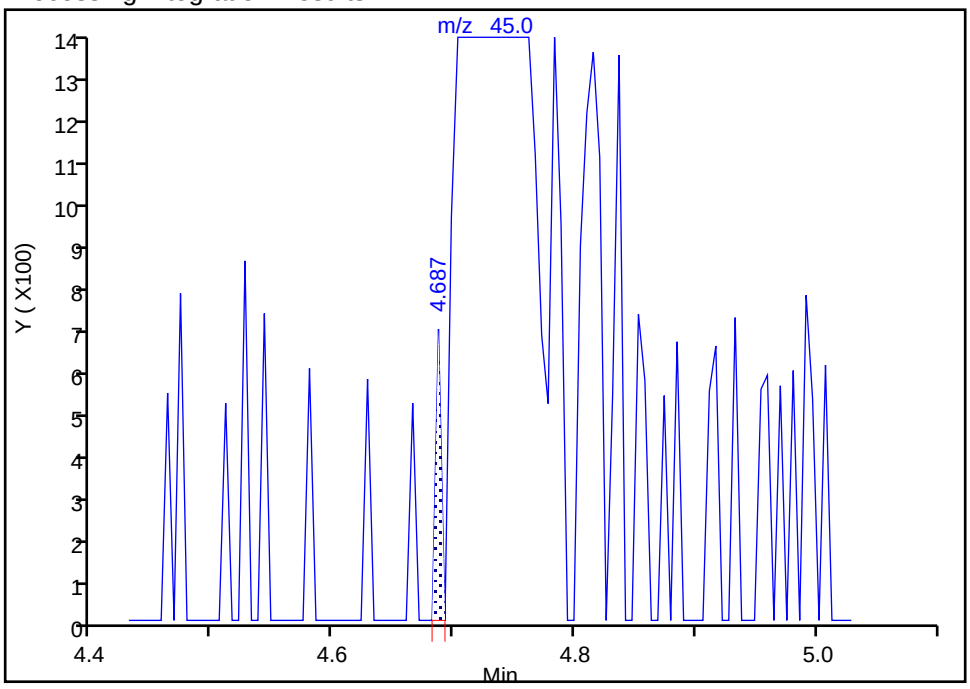
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A14_.D
Injection Date: 24-Jan-2022 18:37:30 Instrument ID: TAC051
Lims ID: STD6
Client ID:
Operator ID: TL ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

29 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

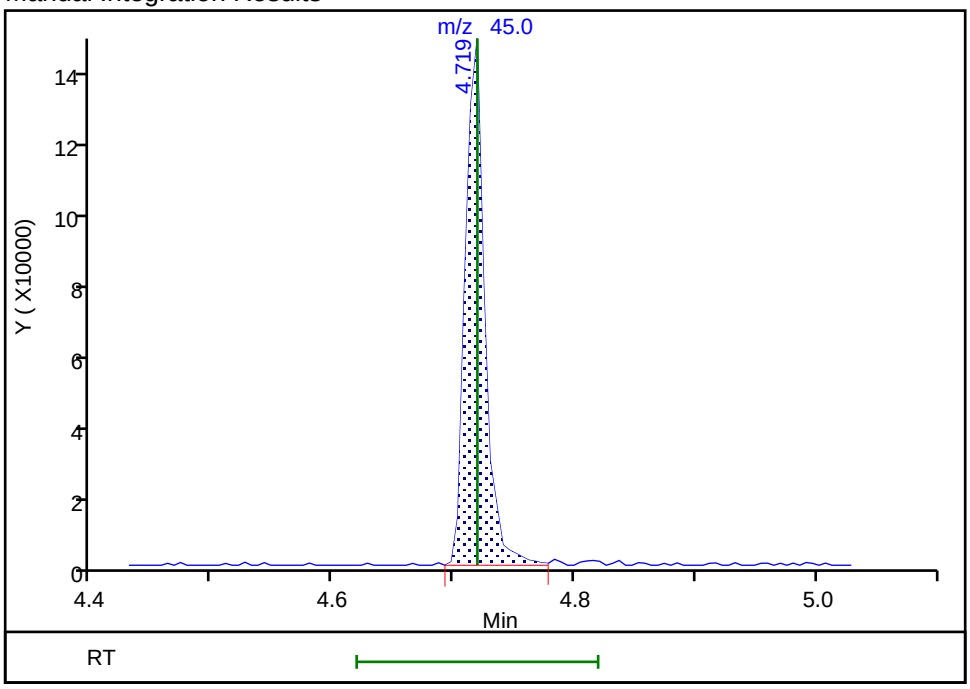
Processing Integration Results

RT: 4.69
Area: 221
Amount: 0.914772
Amount Units: ug/L



Manual Integration Results

RT: 4.72
Area: 164087
Amount: 523.5907
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:41:13
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

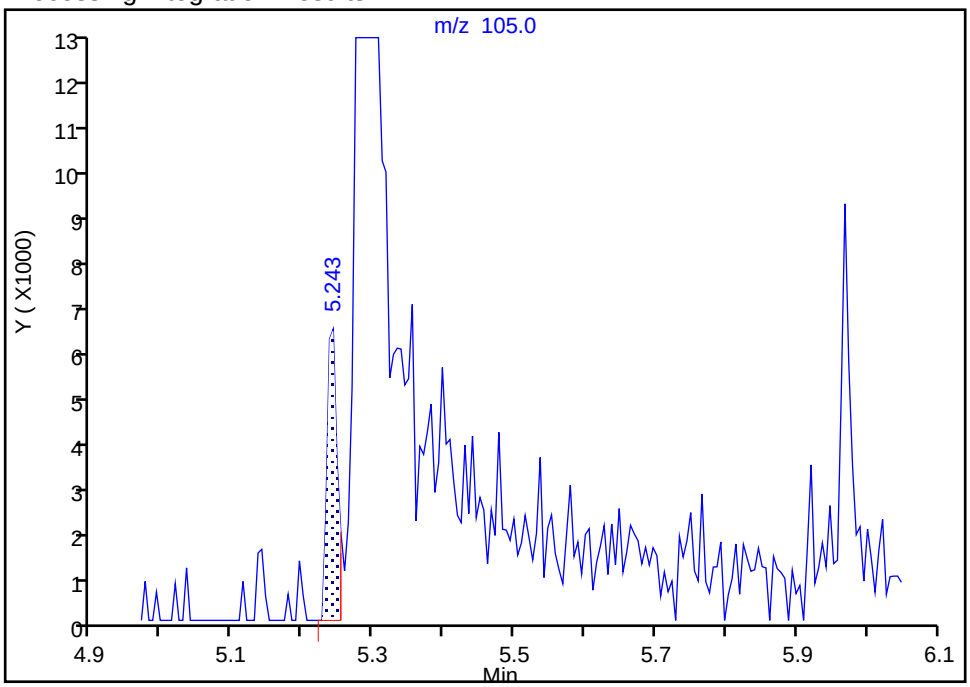
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A14_.D
Injection Date: 24-Jan-2022 18:37:30 Instrument ID: TAC051
Lims ID: STD6
Client ID:
Operator ID: TL ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

39 Benzoic acid, CAS: 65-85-0

Signal: 1

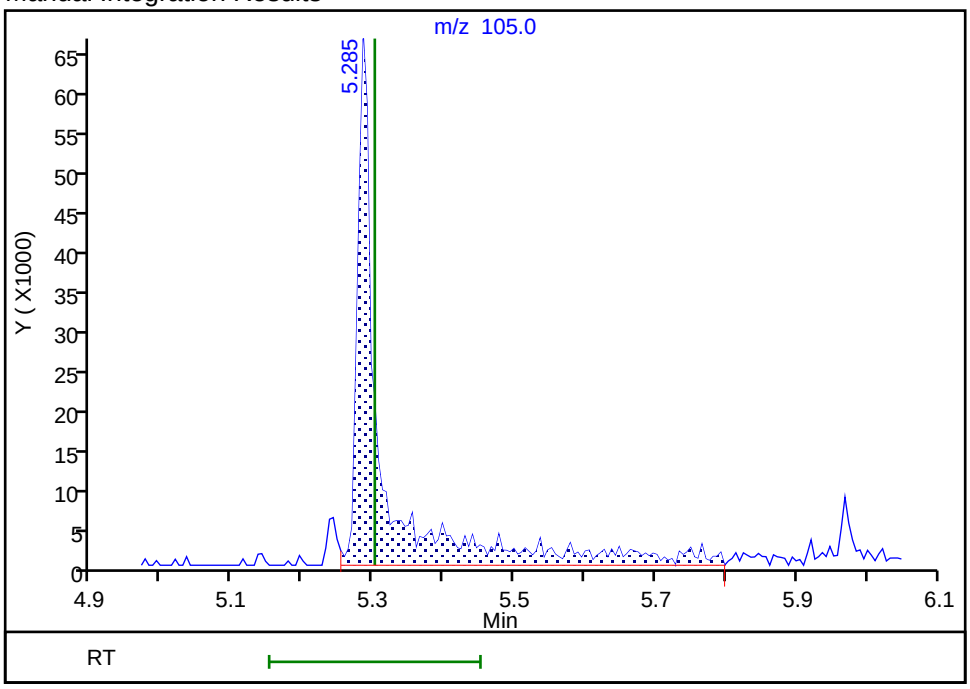
RT: 5.24
Area: 6130
Amount: 305.7118
Amount Units: ug/L

Processing Integration Results



Manual Integration Results

RT: 5.29
Area: 153546
Amount: 921.2654
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:55:11
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

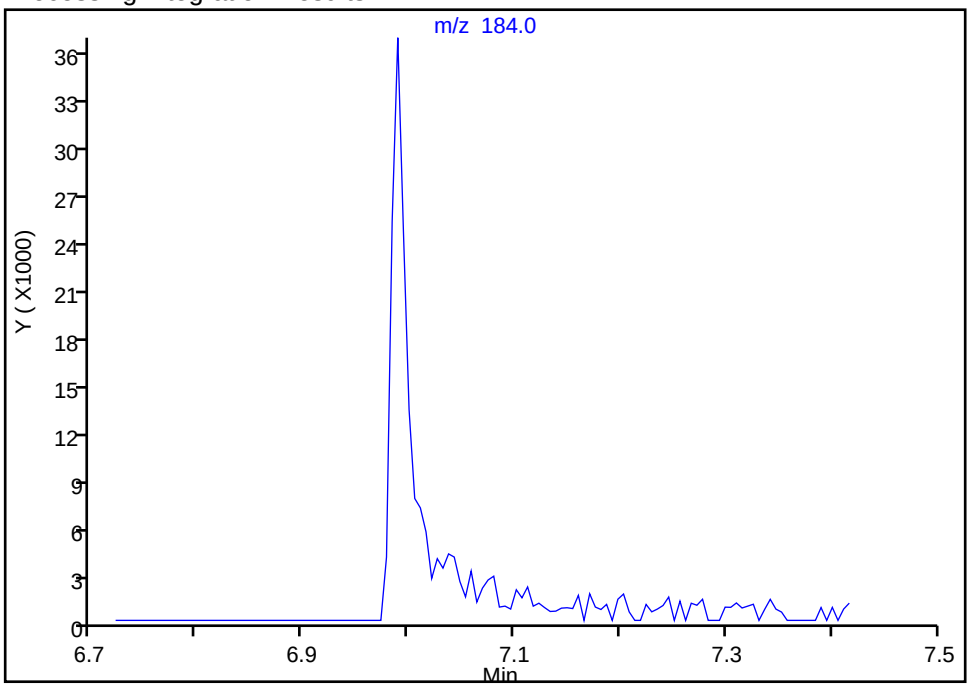
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A14_.D
Injection Date: 24-Jan-2022 18:37:30 Instrument ID: TAC051
Lims ID: STD6
Client ID:
Operator ID: TL ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

63 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

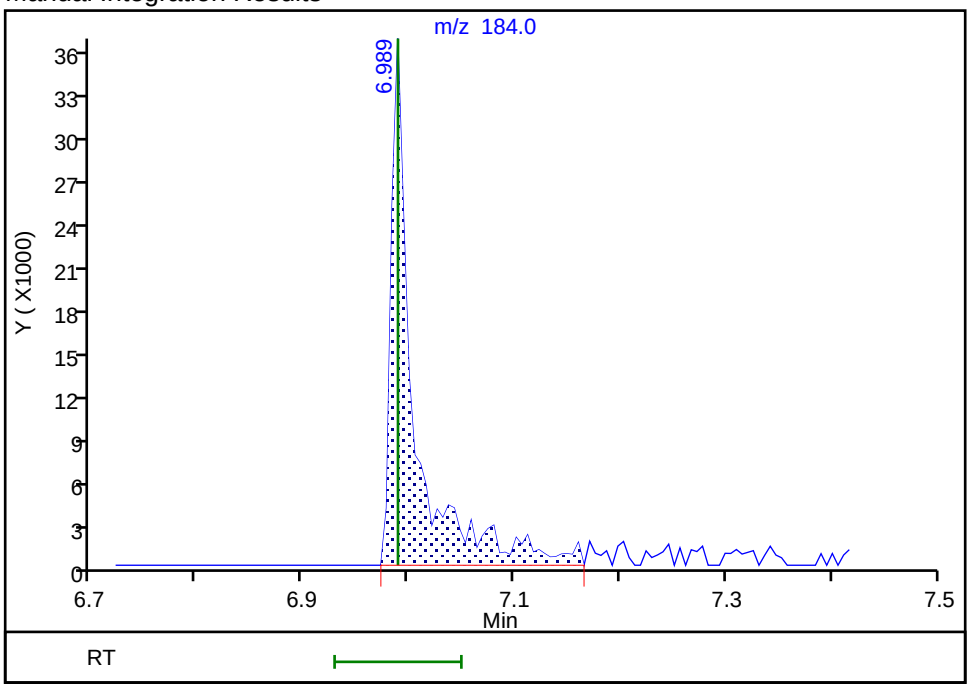
Not Detected
Expected RT: 6.99

Processing Integration Results



Manual Integration Results

RT: 6.99
Area: 54667
Amount: 881.1253
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:43:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

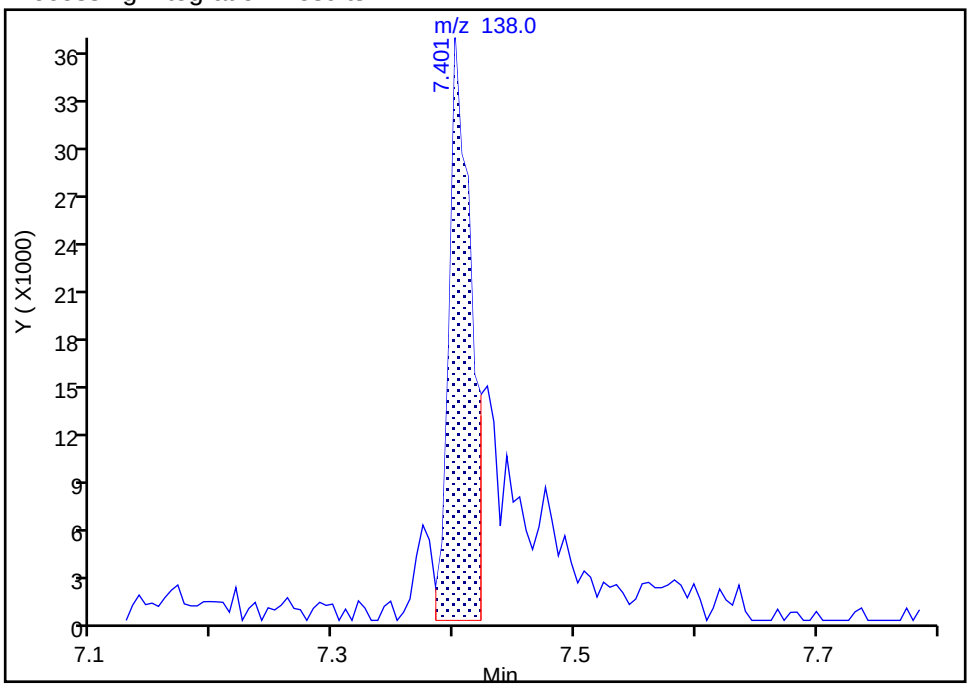
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A14_.D
Injection Date: 24-Jan-2022 18:37:30 Instrument ID: TAC051
Lims ID: STD6
Client ID:
Operator ID: TL ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

71 4-Nitroaniline, CAS: 100-01-6

Signal: 1

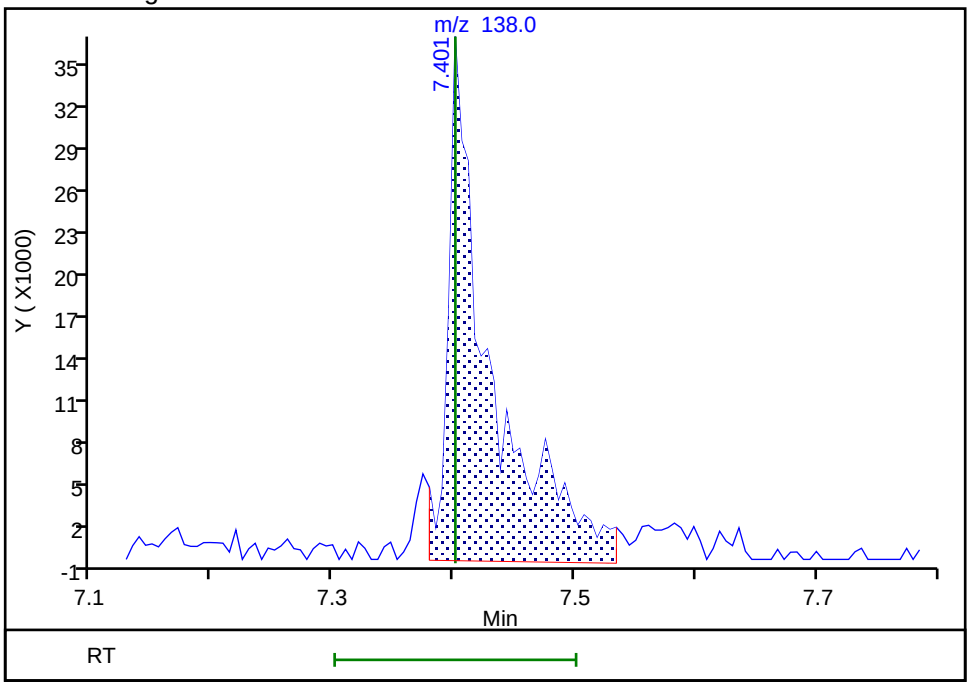
Processing Integration Results

RT: 7.40
Area: 47484
Amount: 353.2815
Amount Units: ug/L



Manual Integration Results

RT: 7.40
Area: 88921
Amount: 559.0838
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:41:49
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Seattle

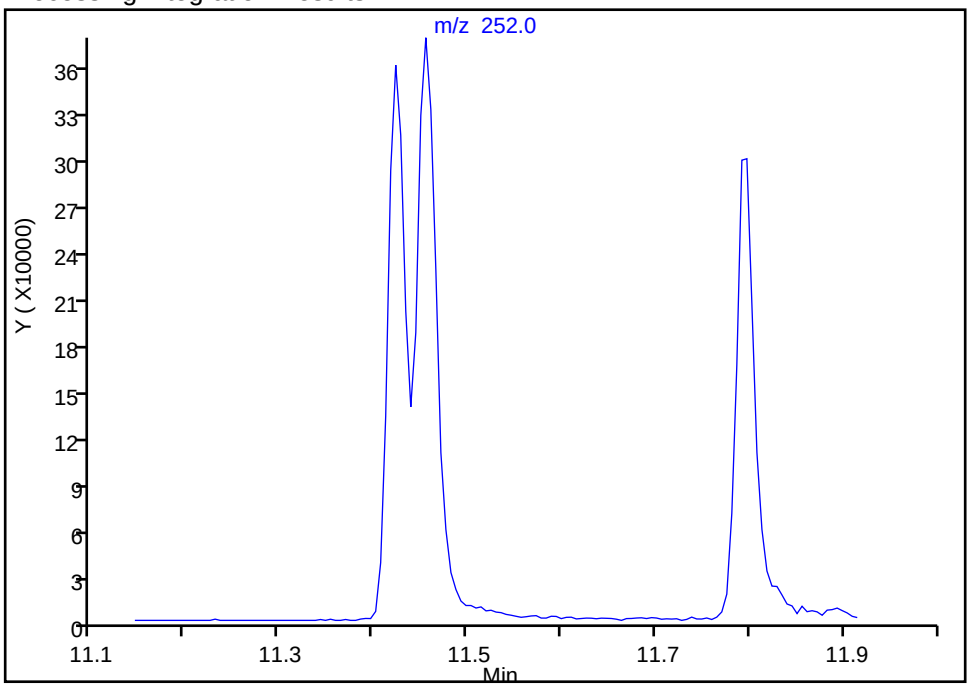
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A14_.D
Injection Date: 24-Jan-2022 18:37:30 Instrument ID: TAC051
Lims ID: STD6
Client ID:
Operator ID: TL ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

102 Benzofluoranthene, CAS: 56832-73-6

Signal: 1

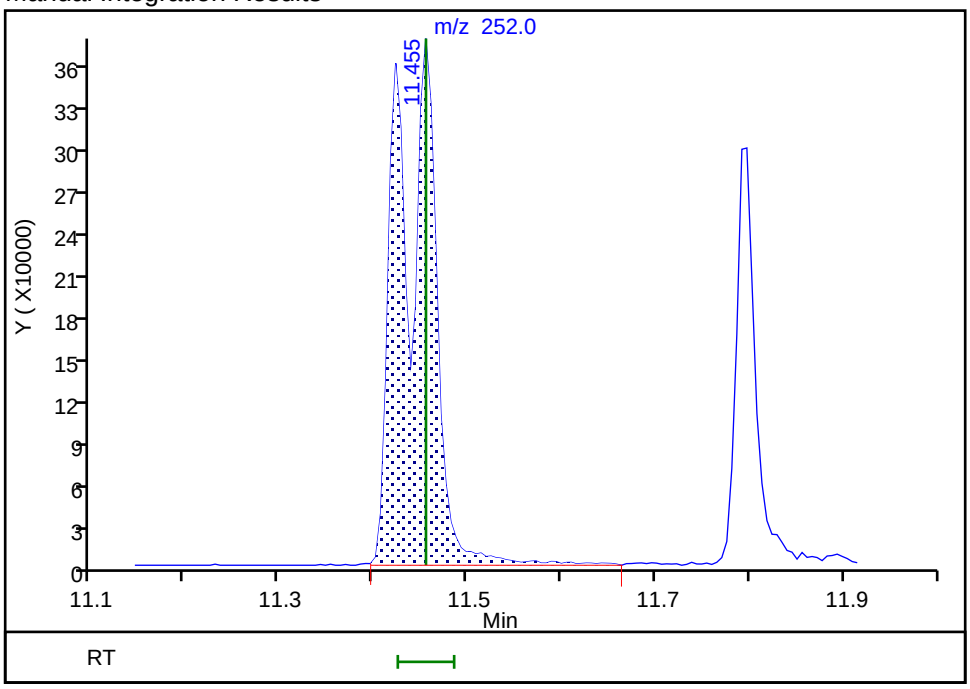
Not Detected
Expected RT: 11.46

Processing Integration Results



Manual Integration Results

RT: 11.46
Area: 1028183
Amount: 998.5467
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:43:11
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A15_.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 24-Jan-2022 19:00:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 5
Operator ID: TL Instrument ID: TAC051
Sublist: chrom-8270 TAC051*sub34

Method: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 28-Jan-2022 17:06:58 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: limmere Date: 25-Jan-2022 15:05:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.490	4.489	0.001	85	32997	100.0	100.0	
* 2 Naphthalene-d8	136	5.500	5.499	0.001	96	121550	100.0	100.0	
* 3 Acenaphthene-d10	164	6.926	6.925	0.001	84	60644	100.0	100.0	
* 4 Phenanthrene-d10	188	8.139	8.138	0.001	95	90840	100.0	100.0	
* 5 Chrysene-d12	240	10.335	10.334	0.001	94	73238	100.0	100.0	
* 6 Perylene-d12	264	11.863	11.862	0.001	90	75942	100.0	100.0	
$ 7 2-Fluorophenol	112	3.481	3.485	-0.004	85	53560	200.0	178.7	
$ 8 Phenol-d5	99	4.207	4.212	-0.005	95	67732	200.0	198.0	
$ 9 Nitrobenzene-d5	82	4.928	4.928	0.000	86	59203	200.0	204.6	
$ 10 2-methylnaphthalene-d10	152	6.056	6.055	0.001	0	135098	NC	NC	
$ 11 2-Fluorobiphenyl	172	6.387	6.386	0.001	92	161393	200.0	200.1	
$ 12 2,4,6-Tribromophenol	330	7.573	7.572	0.001	54	21181	200.0	204.7	
$ 13 Fluoranthene-d10 (Surr)	212	9.117	9.116	0.001	0	188621	NC	NC	
$ 14 Terphenyl-d14	244	9.459	9.458	0.001	95	137870	200.0	202.6	
16 N-Nitrosodimethylamine	74	2.487	2.475	0.012	60	17806	200.0	152.1	
17 Pyridine	79	2.503	2.492	0.011	89	86665	400.0	406.3	
19 Phenol	94	4.218	4.222	-0.004	93	69263	200.0	209.0	
18 Aniline	93	4.239	4.238	0.001	7	78860	200.0	195.2	a
20 Bis(2-chloroethyl)ether	93	4.293	4.297	-0.004	91	58726	200.0	206.1	
21 2-Chlorophenol	128	4.325	4.324	0.001	70	81754	200.0	204.7	
22 n-Decane	57	4.373	4.377	-0.004	85	54478	200.0	209.0	
23 1,3-Dichlorobenzene	146	4.442	4.447	-0.005	95	97247	200.0	204.5	
25 1,4-Dichlorobenzene	146	4.506	4.505	0.001	87	105751	200.0	204.8	
26 Benzyl alcohol	79	4.608	4.607	0.001	87	35194	200.0	180.1	
27 1,2-Dichlorobenzene	146	4.619	4.623	-0.004	96	96909	200.0	200.4	
28 2-Methylphenol	108	4.693	4.692	0.001	53	56341	200.0	203.4	
29 2,2'-oxybis[1-chloropropane]	45	4.720	4.719	0.001	48	66159	200.0	206.6	a
30 Acetophenone	105	4.811	4.810	0.001	94	83766	200.0	200.5	
31 N-Nitrosodi-n-propylamine	70	4.816	4.815	0.001	75	31256	200.0	190.1	
32 3 & 4 Methylphenol	108	4.816	4.821	-0.005	72	52732	200.0	187.7	
33 Hexachloroethane	117	4.886	4.885	0.001	85	35842	200.0	191.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
34 Nitrobenzene	77	4.944	4.944	0.000	80	51366	200.0	190.7	
35 Isophorone	82	5.137	5.136	0.001	92	89634	200.0	184.6	
36 2-Nitrophenol	139	5.196	5.200	-0.004	80	40815	200.0	200.8	
37 2,4-Dimethylphenol	107	5.244	5.243	0.001	92	68752	200.0	213.0	
39 Benzoic acid	105	5.286	5.301	-0.015	48	26059	400.0	431.2	a
38 Bis(2-chloroethoxy)methane	93	5.318	5.323	-0.005	95	61943	200.0	203.3	
40 2,4-Dichlorophenol	162	5.388	5.392	-0.004	87	56883	200.0	190.4	
41 1,2,4-Trichlorobenzene	180	5.457	5.456	0.001	91	77442	200.0	208.3	
42 Naphthalene	128	5.516	5.515	0.001	94	245615	200.0	196.3	
43 4-Chloroaniline	127	5.570	5.569	0.001	80	74339	200.0	195.3	
44 2,6-Dichlorophenol	162	5.570	5.574	-0.004	89	55696	200.0	179.6	
45 Hexachlorobutadiene	225	5.623	5.622	0.001	89	42285	200.0	191.7	
46 4-Chloro-3-methylphenol	107	5.970	5.969	0.001	79	33119	200.0	172.7	
47 2-Methylnaphthalene	142	6.077	6.081	-0.004	86	155926	200.0	196.9	
48 1-Methylnaphthalene	142	6.157	6.156	0.001	90	148970	200.0	198.1	
49 Hexachlorocyclopentadiene	237	6.205	6.210	-0.005	87	40776	200.0	190.6	
50 1,2,4,5-Tetrachlorobenzene	216	6.216	6.215	0.001	88	64685	200.0	195.0	
52 2,4,6-Trichlorophenol	196	6.317	6.311	0.006	70	29422	200.0	177.5	
53 2,4,5-Trichlorophenol	196	6.344	6.343	0.001	73	32672	200.0	184.7	
54 1,1'-Biphenyl	154	6.462	6.461	0.001	93	177997	200.0	202.3	
55 2-Chloronaphthalene	162	6.472	6.471	0.001	96	135219	200.0	195.7	
56 2-Nitroaniline	138	6.568	6.568	0.000	79	23895	200.0	178.0	
57 Dimethyl phthalate	163	6.723	6.722	0.001	98	148612	200.0	205.7	
58 1,3-Dinitrobenzene	168	6.745	6.744	0.001	1	10104	200.0	203.1	
59 2,6-Dinitrotoluene	165	6.771	6.765	0.006	51	27022	200.0	181.1	
60 Acenaphthylene	152	6.809	6.808	0.001	85	207743	200.0	198.4	
61 3-Nitroaniline	138	6.910	6.904	0.006	57	26552	200.0	217.4	M
62 Acenaphthene	153	6.953	6.952	0.001	90	142603	200.0	200.9	
63 2,4-Dinitrophenol	184	7.001	6.990	0.011	25	6927	400.0	487.5	a
64 4-Nitrophenol	109	7.103	7.048	0.055	1	11059	400.0	878.4	
65 2,4-Dinitrotoluene	165	7.097	7.096	0.001	49	30925	200.0	187.9	
66 Dibenzofuran	168	7.097	7.096	0.001	86	187239	200.0	207.5	
51 2,3,5,6-Tetrachlorophenol	232	7.167	7.166	0.001	58	23023	200.0	183.4	
67 2,3,4,6-Tetrachlorophenol	232	7.199	7.198	0.001	65	29903	200.0	186.3	
68 Diethyl phthalate	149	7.300	7.299	0.001	96	153267	200.0	195.0	
69 Fluorene	166	7.375	7.374	0.001	91	158527	200.0	220.8	
70 4-Chlorophenyl phenyl ether	204	7.386	7.385	0.001	88	67522	200.0	204.3	
71 4-Nitroaniline	138	7.418	7.401	0.017	42	30141	200.0	239.3	M
72 4,6-Dinitro-2-methylphenol	198	7.423	7.422	0.001	71	20055	400.0	350.0	
73 N-Nitrosodiphenylamine	169	7.482	7.481	0.001	53	103990	200.0	215.6	
74 Azobenzene	77	7.514	7.513	0.001	82	100510	200.0	203.7	
75 4-Bromophenyl phenyl ether	248	7.781	7.786	-0.005	62	34670	200.0	179.2	
76 Hexachlorobenzene	284	7.819	7.818	0.001	86	51847	200.0	220.8	
77 Atrazine	200	7.931	7.930	0.001	82	38560	200.0	204.3	
78 Pentachlorophenol	266	7.989	7.983	0.006	68	27618	400.0	343.7	
79 n-Octadecane	57	8.086	8.085	0.001	87	57505	200.0	199.6	
80 Phenanthrene	178	8.155	8.160	-0.004	96	207412	200.0	196.3	
81 Anthracene	178	8.198	8.197	0.001	95	205516	200.0	194.2	
83 Carbazole	167	8.342	8.336	0.006	78	161571	200.0	198.3	
84 Di-n-butyl phthalate	149	8.647	8.646	0.001	98	238202	200.0	177.5	
85 Fluoranthene	202	9.133	9.132	0.001	95	218747	200.0	195.5	
88 Benzidine	184	9.266	9.260	0.006	83	77542	400.0	376.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
89 Pyrene	202	9.314	9.313	0.001	97	218610	200.0	188.6	
94 Butyl benzyl phthalate	149	9.870	9.869	0.001	87	90103	200.0	175.1	
96 3,3'-Dichlorobenzidine	252	10.324	10.318	0.006	41	103543	400.0	368.9	
97 Benzo[a]anthracene	228	10.324	10.323	0.001	98	158668	200.0	175.6	
99 Chrysene	228	10.356	10.360	-0.004	83	190523	200.0	182.8	
98 Bis(2-ethylhexyl) phthalate	149	10.393	10.393	0.001	80	121780	200.0	181.4	
100 Di-n-octyl phthalate	149	11.061	11.055	0.006	93	166908	200.0	166.0	
101 Benzo[b]fluoranthene	252	11.424	11.424	0.000	89	166789	200.0	200.2	
102 Benzofluoranthene	252	11.457	11.456	0.001	1	381511	400.0	408.8	
103 Benzo[k]fluoranthene	252	11.457	11.456	0.001	90	222783	200.0	218.5	
104 Benzo[a]pyrene	252	11.798	11.792	0.006	62	145669	200.0	192.2	
105 Indeno[1,2,3-cd]pyrene	276	13.166	13.165	0.001	97	138112	200.0	187.3	
106 Dibenz(a,h)anthracene	278	13.214	13.208	0.006	1	158200	200.0	202.0	
107 Benzo[g,h,i]perylene	276	13.497	13.496	0.001	85	171922	200.0	178.9	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8270SIM_IS_00069	Amount Added: 8.00	Units: uL
ccv_8270_1000_00057	Amount Added: 200.00	Units: uL

Report Date: 28-Jan-2022 17:06:59 Chrom Revision: 2.3 18-Jan-2022 20:25:40

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A15_.D

Injection Date: 24-Jan-2022 19:00:30 Instrument ID: TAC051

Lims ID: STD5

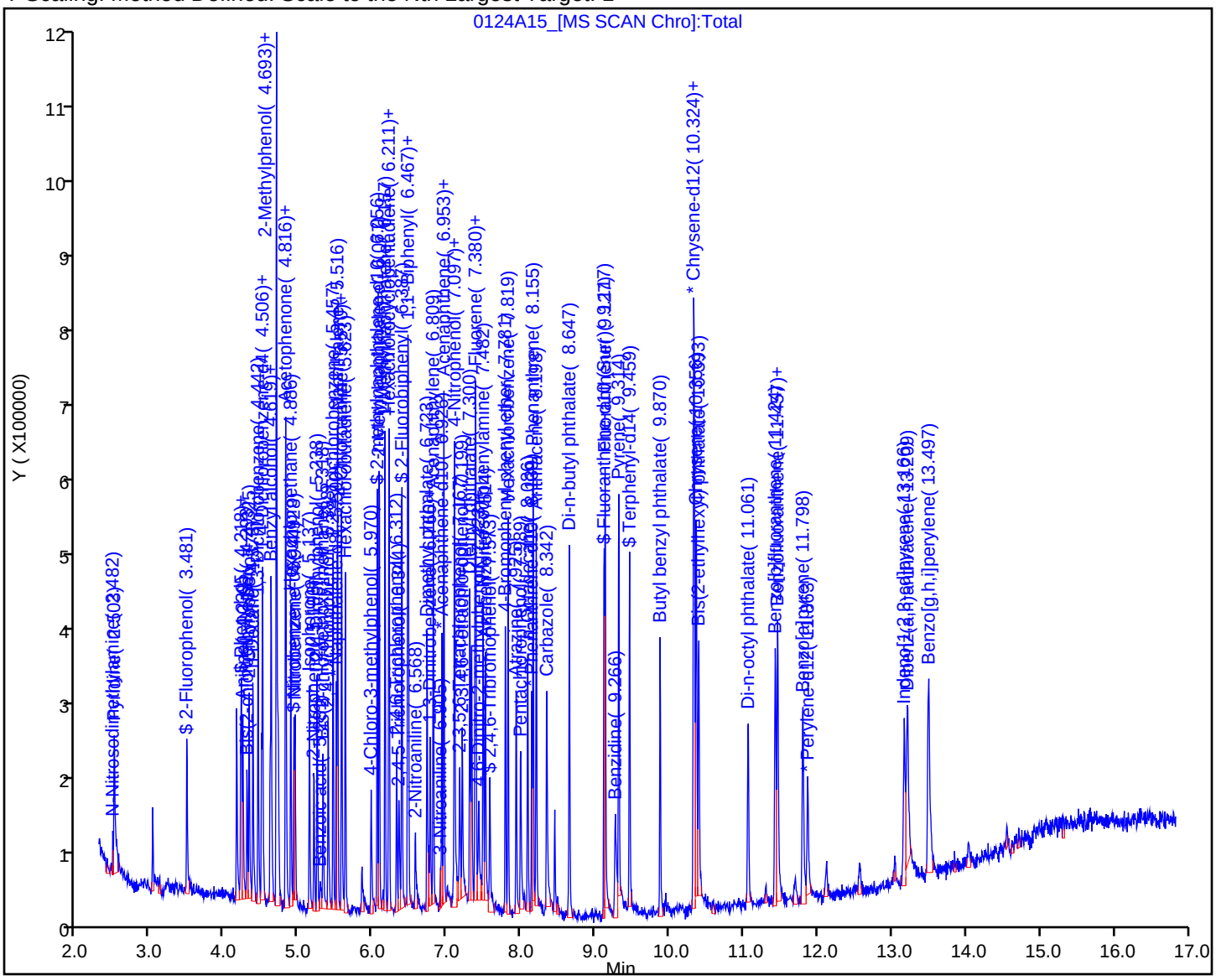
Client ID:

Operator ID: TL ALS Bottle#: 9 Worklist Smp#: 9

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

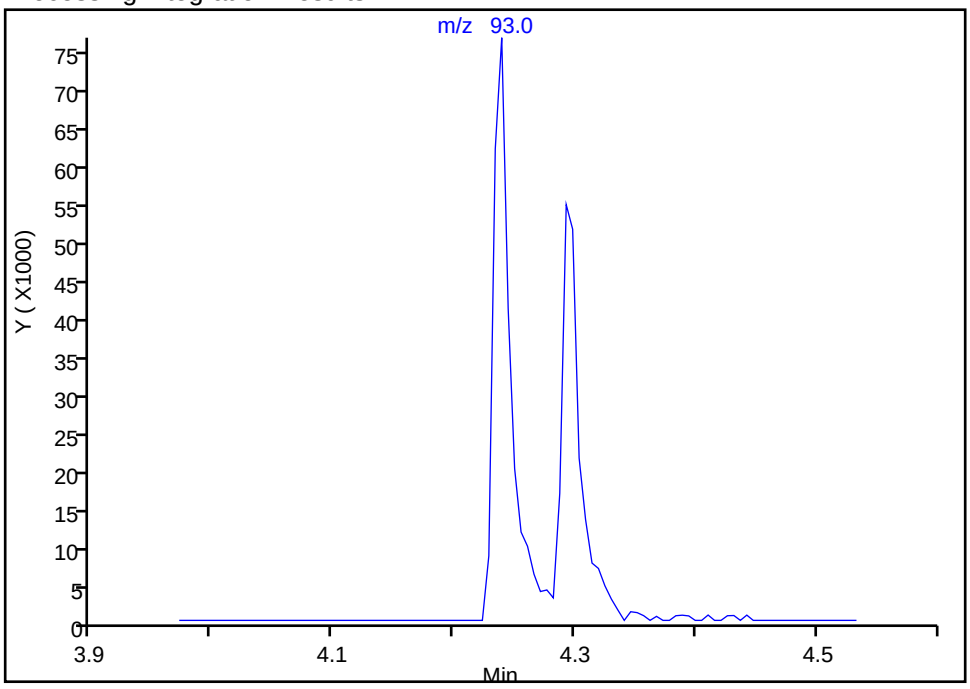
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A15_.D
Injection Date: 24-Jan-2022 19:00:30 Instrument ID: TAC051
Lims ID: STD5
Client ID:
Operator ID: TL ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

18 Aniline, CAS: 62-53-3

Signal: 1

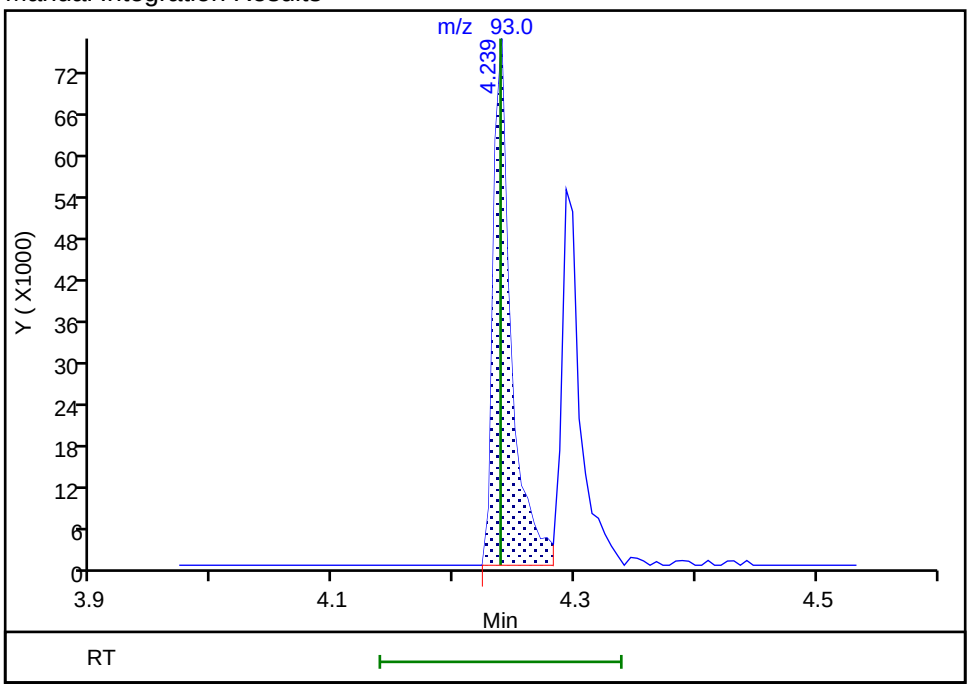
Not Detected
Expected RT: 4.24

Processing Integration Results



Manual Integration Results

RT: 4.24
Area: 78860
Amount: 195.1809
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:55:30
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

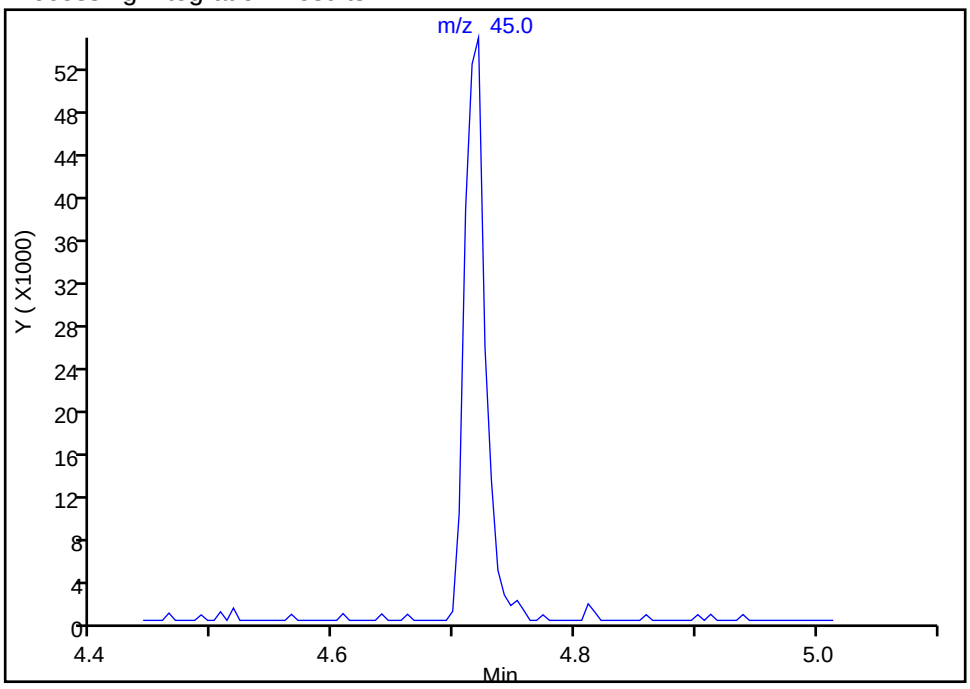
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A15_.D
Injection Date: 24-Jan-2022 19:00:30 Instrument ID: TAC051
Lims ID: STD5
Client ID:
Operator ID: TL ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

29 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

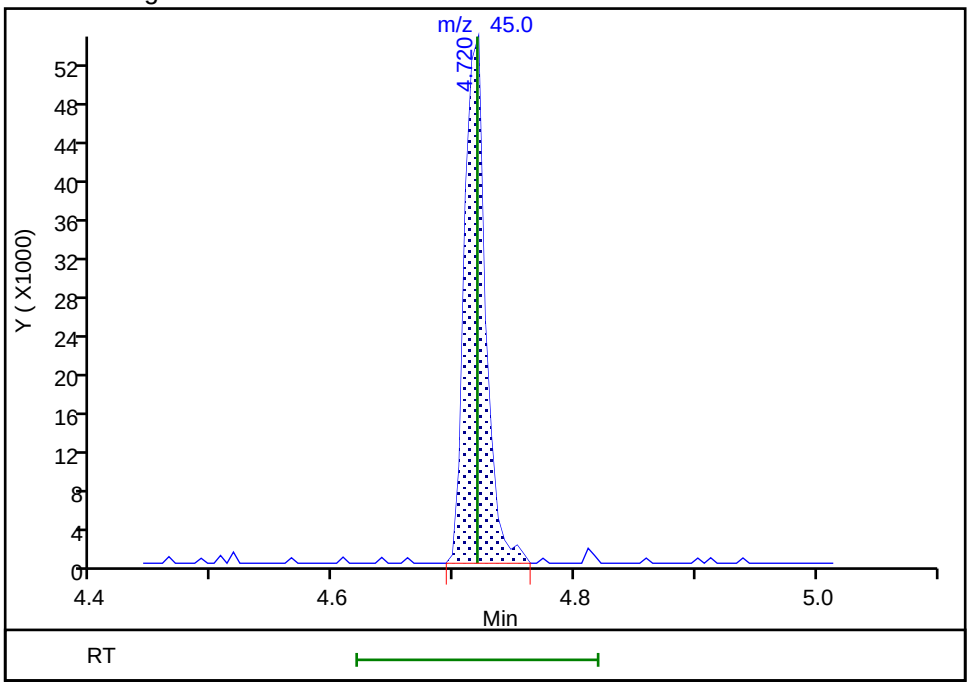
Not Detected
Expected RT: 4.72

Processing Integration Results



Manual Integration Results

RT: 4.72
Area: 66159
Amount: 206.6241
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:55:36
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

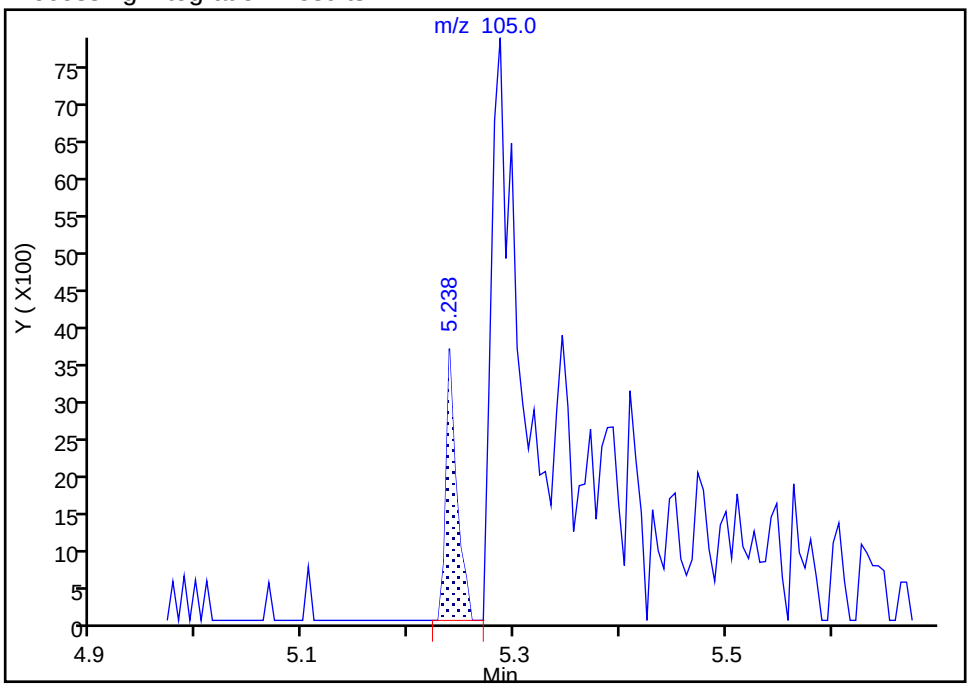
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A15_.D
Injection Date: 24-Jan-2022 19:00:30 Instrument ID: TAC051
Lims ID: STD5
Client ID:
Operator ID: TL ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

39 Benzoic acid, CAS: 65-85-0

Signal: 1

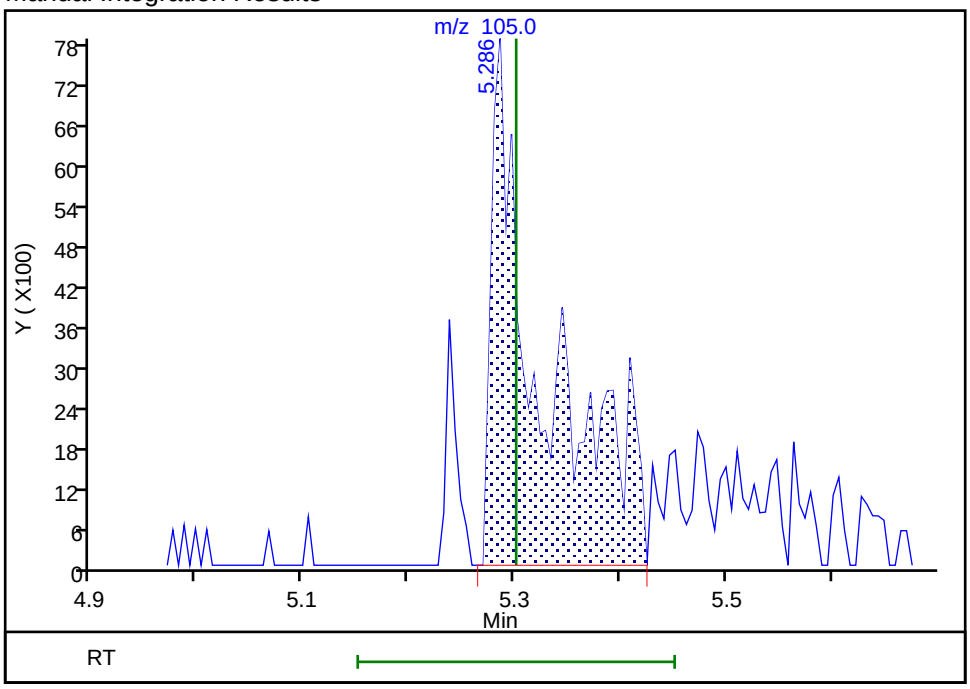
Processing Integration Results

RT: 5.24
Area: 2573
Amount: 325.8262
Amount Units: ug/L



Manual Integration Results

RT: 5.29
Area: 26059
Amount: 431.2288
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:40:14
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Seattle

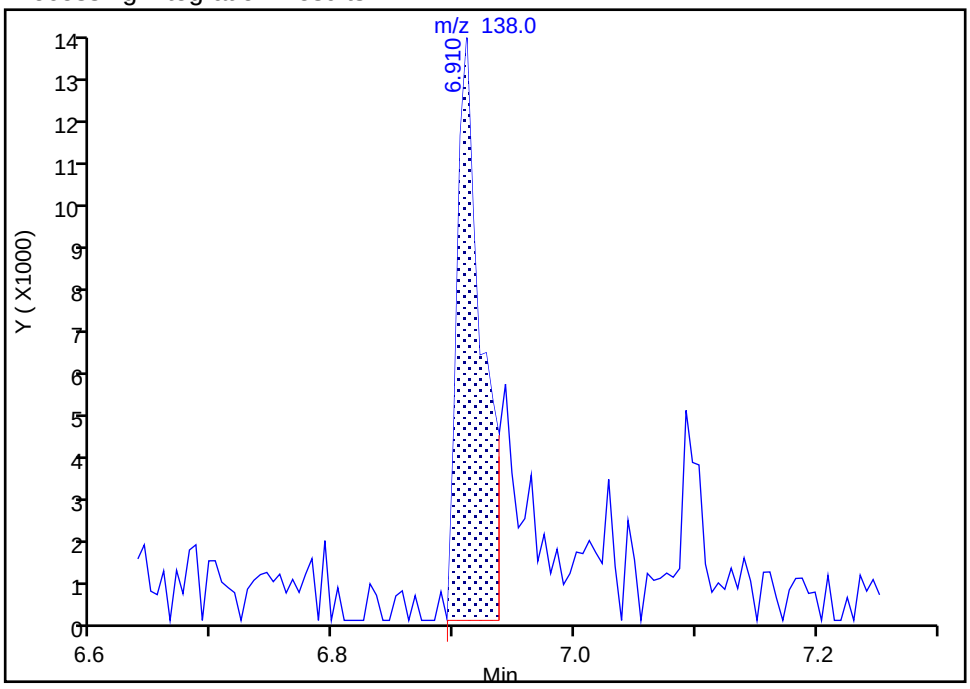
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A15_.D
Injection Date: 24-Jan-2022 19:00:30 Instrument ID: TAC051
Lims ID: STD5
Client ID:
Operator ID: TL ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

61 3-Nitroaniline, CAS: 99-09-2

Signal: 1

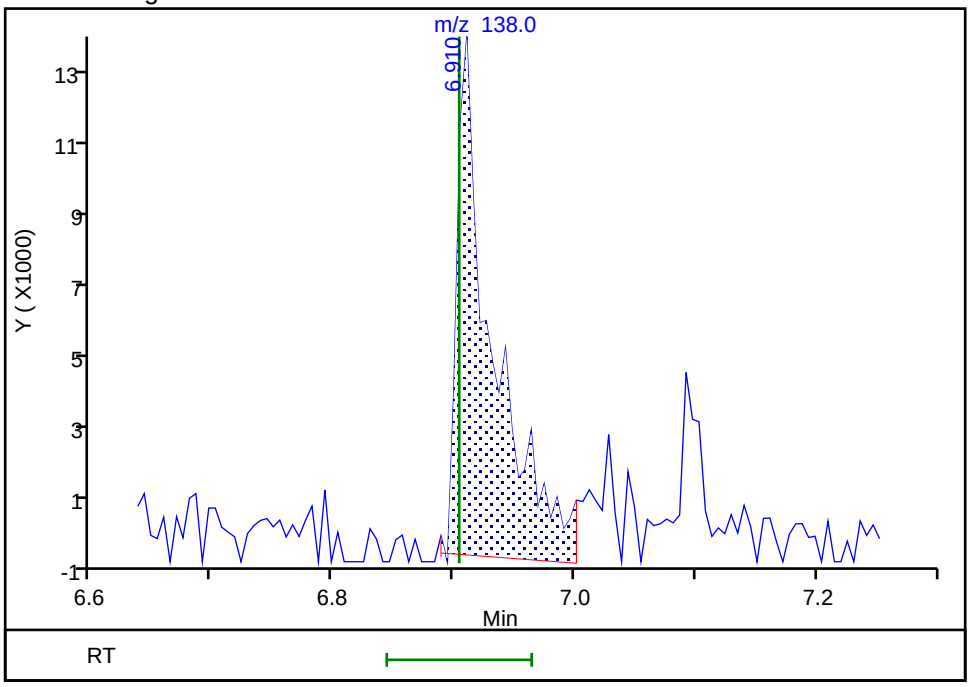
Processing Integration Results

RT: 6.91
Area: 18771
Amount: 160.2519
Amount Units: ug/L



Manual Integration Results

RT: 6.91
Area: 26552
Amount: 217.4114
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:39:50
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Seattle

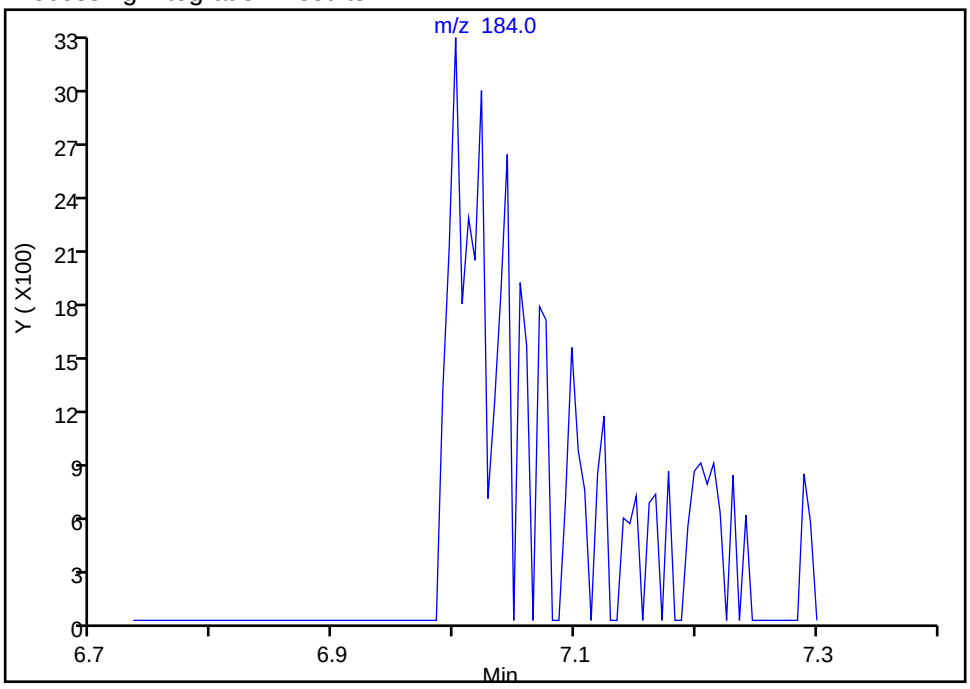
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A15_.D
Injection Date: 24-Jan-2022 19:00:30 Instrument ID: TAC051
Lims ID: STD5
Client ID:
Operator ID: TL ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

63 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

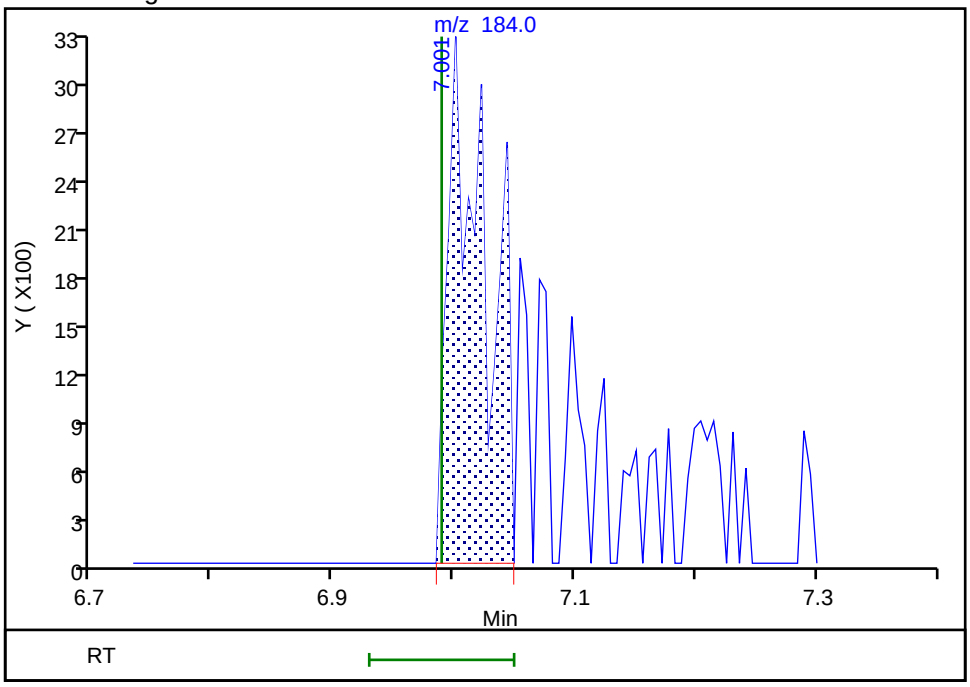
Not Detected
Expected RT: 6.99

Processing Integration Results



Manual Integration Results

RT: 7.00
Area: 6927
Amount: 487.4696
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:55:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

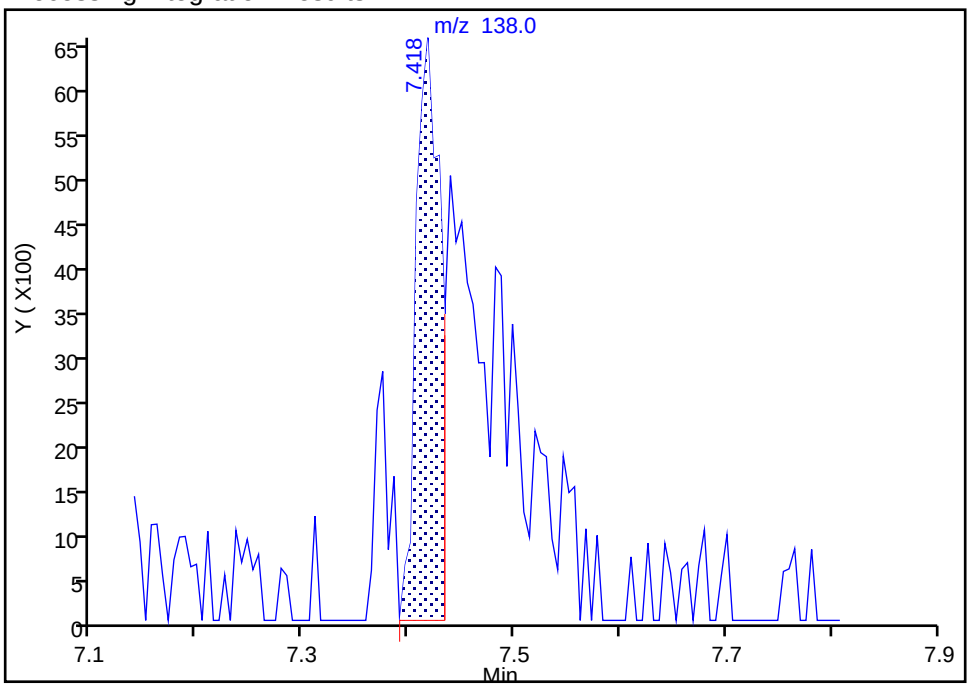
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A15_.D
Injection Date: 24-Jan-2022 19:00:30 Instrument ID: TAC051
Lims ID: STD5
Client ID:
Operator ID: TL ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

71 4-Nitroaniline, CAS: 100-01-6

Signal: 1

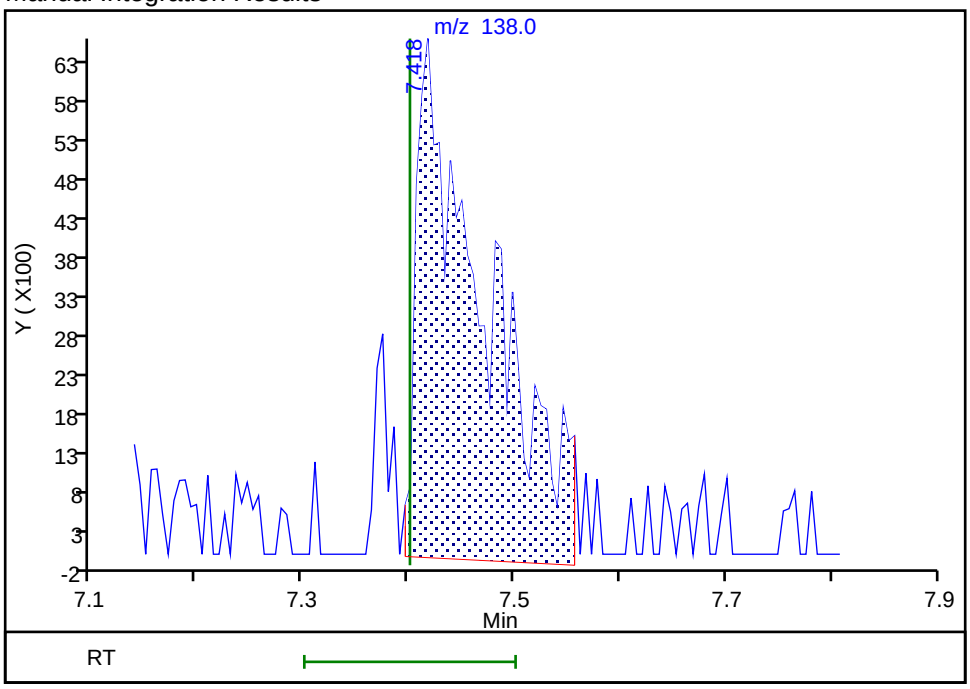
Processing Integration Results

RT: 7.42
Area: 10481
Amount: 180.8172
Amount Units: ug/L



Manual Integration Results

RT: 7.42
Area: 30141
Amount: 239.2964
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:39:20
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A16_.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 24-Jan-2022 19:23:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 4
Operator ID: TL Instrument ID: TAC051
Sublist: chrom-8270 TAC051*sub34

Method: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 28-Jan-2022 17:07:03 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: limmere Date: 25-Jan-2022 15:06:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.489	4.489	0.000	85	34443	100.0	100.0	
* 2 Naphthalene-d8	136	5.499	5.499	0.000	96	126881	100.0	100.0	
* 3 Acenaphthene-d10	164	6.925	6.925	0.000	86	57635	100.0	100.0	
* 4 Phenanthrene-d10	188	8.138	8.138	0.000	91	82968	100.0	100.0	
* 5 Chrysene-d12	240	10.334	10.334	0.000	94	67633	100.0	100.0	
* 6 Perylene-d12	264	11.862	11.862	0.000	90	75635	100.0	100.0	
$ 7 2-Fluorophenol	112	3.485	3.485	0.000	78	30700	100.0	100.3	
$ 8 Phenol-d5	99	4.212	4.212	0.000	96	33408	100.0	92.7	
$ 9 Nitrobenzene-d5	82	4.927	4.928	-0.001	83	27133	100.0	89.8	
$ 10 2-methylnaphthalene-d10	152	6.055	6.055	0.000	0	70367	NC	NC	
$ 11 2-Fluorobiphenyl	172	6.386	6.386	0.000	92	78870	100.0	102.9	
$ 12 2,4,6-Tribromophenol	330	7.577	7.572	0.005	16	4032	100.0	73.7	
$ 13 Fluoranthene-d10 (Surr)	212	9.116	9.116	0.000	0	87709	NC	NC	
$ 14 Terphenyl-d14	244	9.458	9.458	0.000	86	62580	100.0	100.7	
16 N-Nitrosodimethylamine	74	2.491	2.475	0.016	69	10054	100.0	93.4	
17 Pyridine	79	2.513	2.492	0.021	83	39140	200.0	207.0	
19 Phenol	94	4.222	4.222	0.000	91	31889	100.0	92.2	
18 Aniline	93	4.238	4.238	0.000	28	37504	100.0	92.1	
20 Bis(2-chloroethyl)ether	93	4.297	4.297	0.000	78	29940	100.0	100.6	
21 2-Chlorophenol	128	4.324	4.324	0.000	79	42162	100.0	101.1	
22 n-Decane	57	4.377	4.377	0.000	76	27974	100.0	102.8	
23 1,3-Dichlorobenzene	146	4.447	4.447	0.000	93	51957	100.0	104.7	
25 1,4-Dichlorobenzene	146	4.505	4.505	0.000	84	53699	100.0	99.6	
26 Benzyl alcohol	79	4.607	4.607	0.000	89	16639	100.0	85.6	
27 1,2-Dichlorobenzene	146	4.623	4.623	0.000	87	46821	100.0	92.8	
28 2-Methylphenol	108	4.692	4.692	0.000	45	26820	100.0	92.8	
29 2,2'-oxybis[1-chloropropane]	45	4.719	4.719	0.000	45	35169	100.0	105.2	a
30 Acetophenone	105	4.815	4.810	0.005	90	41180	100.0	94.4	
31 N-Nitrosodi-n-propylamine	70	4.815	4.815	0.000	58	17256	100.0	100.5	
32 3 & 4 Methylphenol	108	4.821	4.821	0.000	81	25629	100.0	90.7	
33 Hexachloroethane	117	4.885	4.885	0.000	84	20367	100.0	104.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
34 Nitrobenzene	77	4.943	4.944	-0.001	73	27835	100.0	103.2	
35 Isophorone	82	5.136	5.136	0.000	91	48088	100.0	94.9	
36 2-Nitrophenol	139	5.200	5.200	0.000	74	16835	100.0	83.7	
37 2,4-Dimethylphenol	107	5.243	5.243	0.000	83	28429	100.0	87.2	
38 Bis(2-chloroethoxy)methane	93	5.323	5.323	0.000	88	31732	100.0	99.8	
40 2,4-Dichlorophenol	162	5.392	5.392	0.000	71	25309	100.0	90.7	
41 1,2,4-Trichlorobenzene	180	5.456	5.456	0.000	91	38590	100.0	99.5	
42 Naphthalene	128	5.515	5.515	0.000	90	130261	100.0	98.6	
43 4-Chloroaniline	127	5.574	5.569	0.005	78	34056	100.0	99.7	
44 2,6-Dichlorophenol	162	5.574	5.574	0.000	83	28442	100.0	98.5	
45 Hexachlorobutadiene	225	5.622	5.622	0.000	87	20550	100.0	89.2	
46 4-Chloro-3-methylphenol	107	5.980	5.969	0.011	52	13141	100.0	94.0	
47 2-Methylnaphthalene	142	6.081	6.081	0.000	76	78916	100.0	95.5	
48 1-Methylnaphthalene	142	6.156	6.156	0.000	88	78343	100.0	99.8	
49 Hexachlorocyclopentadiene	237	6.210	6.210	0.000	71	20411	100.0	100.4	
50 1,2,4,5-Tetrachlorobenzene	216	6.215	6.215	0.000	82	33379	100.0	102.3	
52 2,4,6-Trichlorophenol	196	6.316	6.311	0.005	54	10805	100.0	87.7	
53 2,4,5-Trichlorophenol	196	6.354	6.343	0.011	38	11295	100.0	95.3	a
54 1,1'-Biphenyl	154	6.466	6.461	0.005	92	86306	100.0	103.2	
55 2-Chloronaphthalene	162	6.477	6.471	0.006	90	69851	100.0	106.4	
56 2-Nitroaniline	138	6.573	6.568	0.005	23	8826	100.0	105.9	M
57 Dimethyl phthalate	163	6.728	6.722	0.006	95	67587	100.0	96.6	
58 1,3-Dinitrobenzene	168	6.754	6.744	0.010	1	4157	100.0	155.0	
59 2,6-Dinitrotoluene	165	6.771	6.765	0.005	59	8999	100.0	85.1	
60 Acenaphthylene	152	6.808	6.808	0.000	86	94501	100.0	93.6	
61 3-Nitroaniline	138	6.931	6.904	0.027	5	4360	100.0	98.2	
62 Acenaphthene	153	6.952	6.952	0.000	87	68184	100.0	101.1	
64 4-Nitrophenol	109	7.107	7.048	0.059	27	1889	200.0	801.9	
65 2,4-Dinitrotoluene	165	7.102	7.096	0.006	31	9930	100.0	103.1	a
66 Dibenzofuran	168	7.096	7.096	0.000	84	89695	100.0	104.6	
51 2,3,5,6-Tetrachlorophenol	232	7.171	7.166	0.005	25	7172	100.0	87.7	a
67 2,3,4,6-Tetrachlorophenol	232	7.203	7.198	0.005	37	13581	100.0	102.6	
68 Diethyl phthalate	149	7.305	7.299	0.006	92	80149	100.0	107.3	
69 Fluorene	166	7.380	7.374	0.006	89	70202	100.0	102.9	
70 4-Chlorophenyl phenyl ether	204	7.385	7.385	0.000	85	31684	100.0	100.9	
71 4-Nitroaniline	138	7.438	7.401	0.037	1	2738	100.0	81.7	
72 4,6-Dinitro-2-methylphenol	198	7.433	7.422	0.011	30	7501	200.0	250.8	
73 N-Nitrosodiphenylamine	169	7.486	7.481	0.005	48	41726	100.0	94.7	
74 Azobenzene	77	7.513	7.513	0.000	88	45578	100.0	103.0	
75 4-Bromophenyl phenyl ether	248	7.786	7.786	0.000	52	20026	100.0	116.9	
76 Hexachlorobenzene	284	7.823	7.818	0.005	75	24235	100.0	113.0	
77 Atrazine	200	7.930	7.930	0.000	69	16215	100.0	100.4	
78 Pentachlorophenol	266	7.989	7.983	0.005	1	8872	200.0	214.6	a
79 n-Octadecane	57	8.085	8.085	0.000	80	26864	100.0	102.7	
80 Phenanthrene	178	8.159	8.160	0.000	92	100704	100.0	103.1	
81 Anthracene	178	8.202	8.197	0.005	90	93164	100.0	99.8	
83 Carbazole	167	8.346	8.336	0.010	64	69562	100.0	95.5	
84 Di-n-butyl phthalate	149	8.646	8.646	0.000	96	114575	100.0	92.2	
85 Fluoranthene	202	9.132	9.132	0.000	94	97710	100.0	95.5	
88 Benzidine	184	9.276	9.260	0.016	49	37938	200.0	242.2	
89 Pyrene	202	9.313	9.313	0.000	97	105780	100.0	98.8	
94 Butyl benzyl phthalate	149	9.874	9.869	0.005	78	37254	100.0	82.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
96 3,3'-Dichlorobenzidine	252	10.328	10.318	0.010	22	42953	200.0	180.1	
97 Benzo[a]anthracene	228	10.328	10.323	0.005	96	76962	100.0	95.4	
99 Chrysene	228	10.360	10.360	0.000	88	108167	100.0	107.6	
98 Bis(2-ethylhexyl) phthalate	149	10.392	10.393	0.000	73	54145	100.0	87.3	
100 Di-n-octyl phthalate	149	11.060	11.055	0.005	80	80402	100.0	80.3	
101 Benzo[b]fluoranthene	252	11.429	11.424	0.005	90	85190	100.0	103.8	
102 Benzofluoranthene	252	11.429	11.456	-0.027	1	184747	200.0	198.8	a
103 Benzo[k]fluoranthene	252	11.461	11.456	0.005	79	92812	100.0	91.4	
104 Benzo[a]pyrene	252	11.797	11.792	0.005	50	72333	100.0	98.2	
105 Indeno[1,2,3-cd]pyrene	276	13.170	13.165	0.005	92	58203	100.0	84.9	
106 Dibenz(a,h)anthracene	278	13.213	13.208	0.005	1	66707	100.0	93.6	
107 Benzo[g,h,i]perylene	276	13.496	13.496	0.000	75	88949	100.0	94.6	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8270SIM_IS_00069	Amount Added: 9.00	Units: uL
ccv_8270_1000_00057	Amount Added: 100.00	Units: uL

Report Date: 28-Jan-2022 17:07:04 Chrom Revision: 2.3 18-Jan-2022 20:25:40

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A16_.D

Injection Date: 24-Jan-2022 19:23:30 Instrument ID: TAC051

Lims ID: STD4

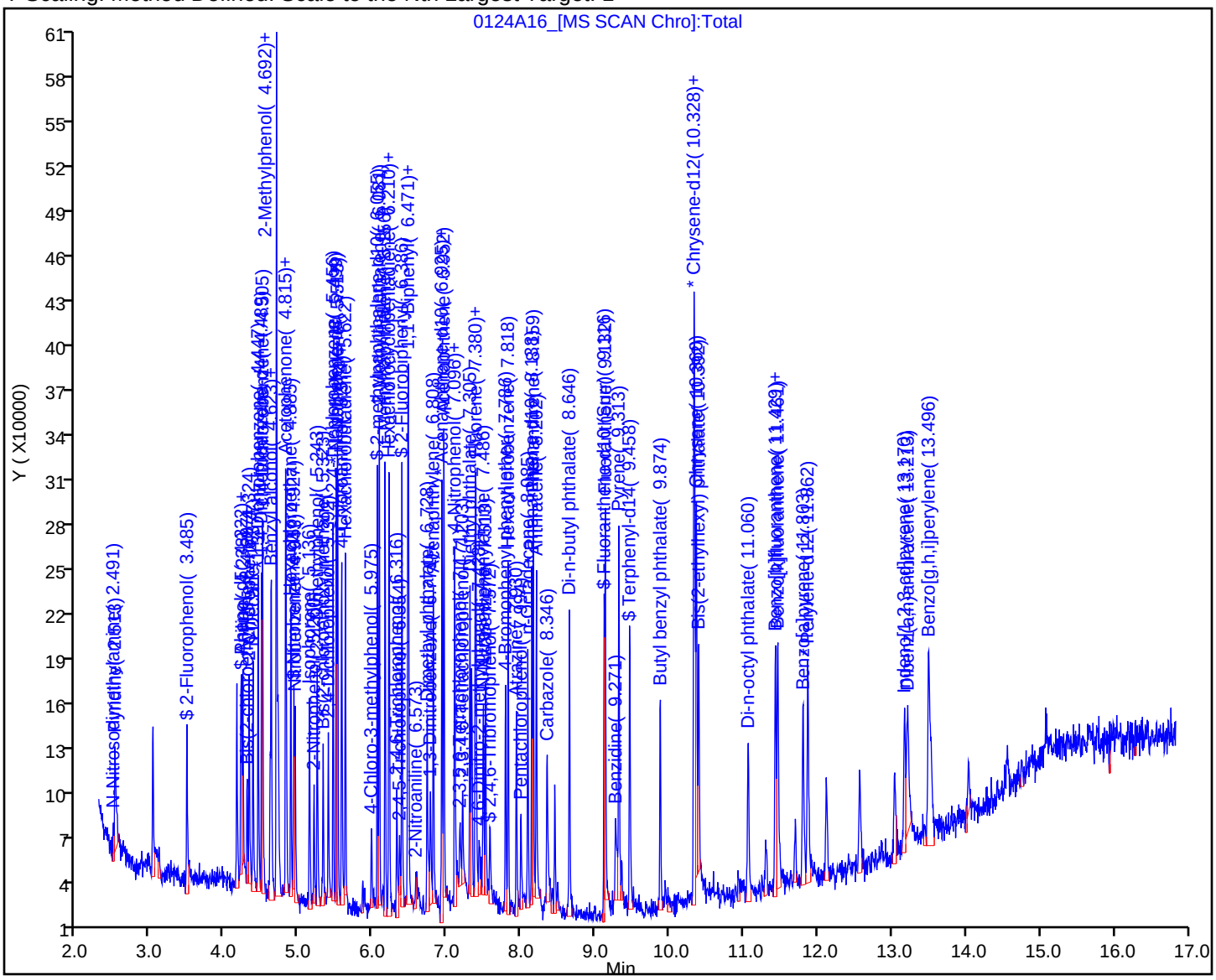
Client ID:

Operator ID: TL ALS Bottle#: 10 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

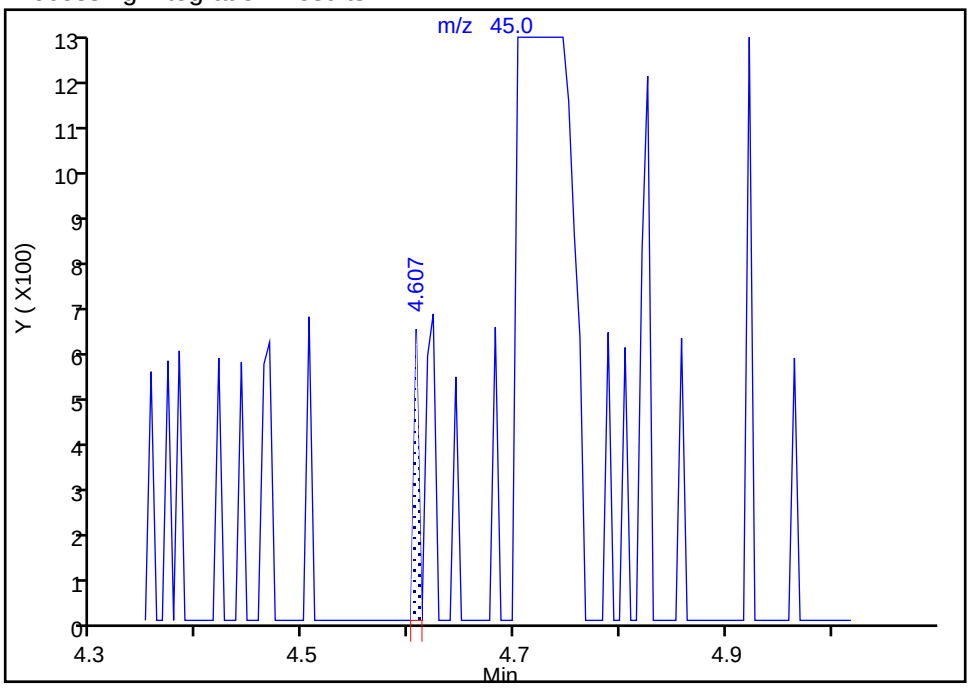
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A16_.D
Injection Date: 24-Jan-2022 19:23:30 Instrument ID: TAC051
Lims ID: STD4
Client ID:
Operator ID: TL ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

29 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

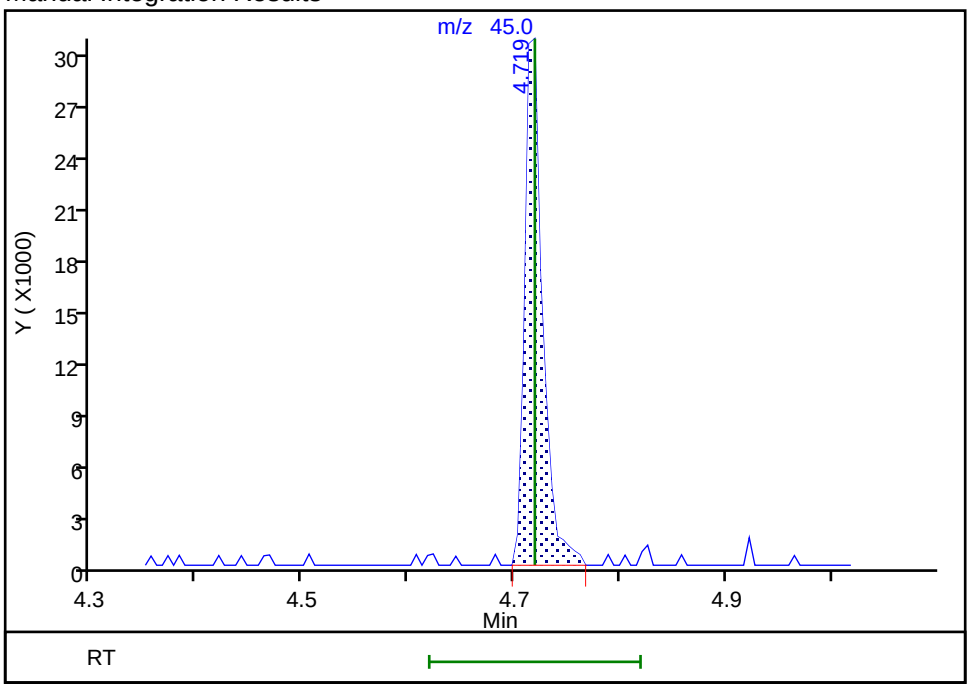
Processing Integration Results

RT: 4.61
Area: 197
Amount: 0.900394
Amount Units: ug/L



Manual Integration Results

RT: 4.72
Area: 35169
Amount: 105.2266
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:38:11
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

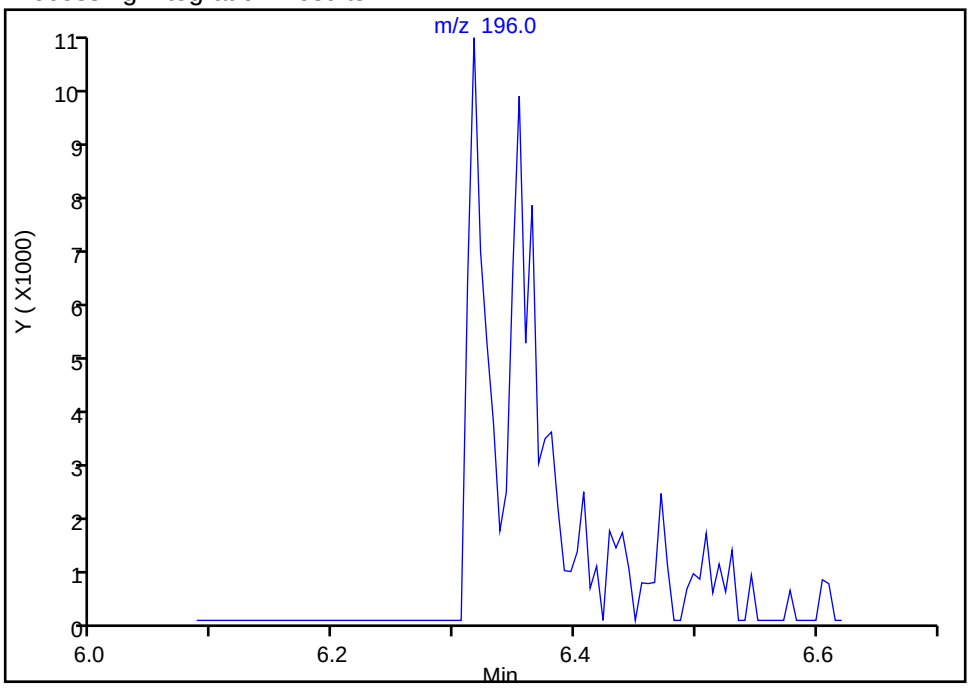
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A16_.D
Injection Date: 24-Jan-2022 19:23:30 Instrument ID: TAC051
Lims ID: STD4
Client ID:
Operator ID: TL ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

53 2,4,5-Trichlorophenol, CAS: 95-95-4

Signal: 1

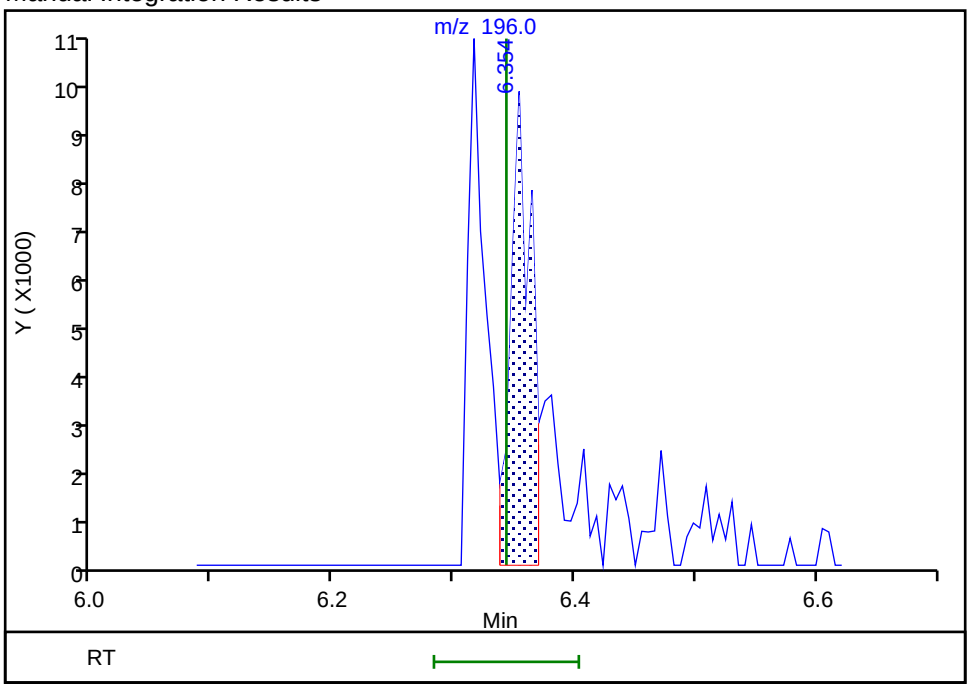
Not Detected
Expected RT: 6.34

Processing Integration Results



Manual Integration Results

RT: 6.35
Area: 11295
Amount: 95.301610
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:56:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

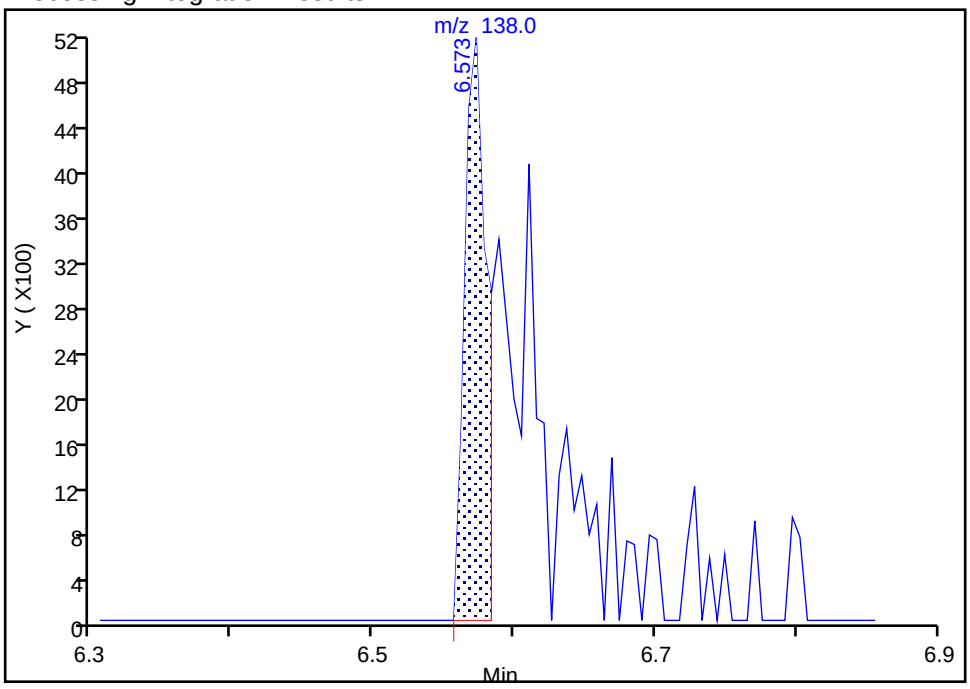
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A16_.D
Injection Date: 24-Jan-2022 19:23:30 Instrument ID: TAC051
Lims ID: STD4
Client ID:
Operator ID: TL ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

56 2-Nitroaniline, CAS: 88-74-4

Signal: 1

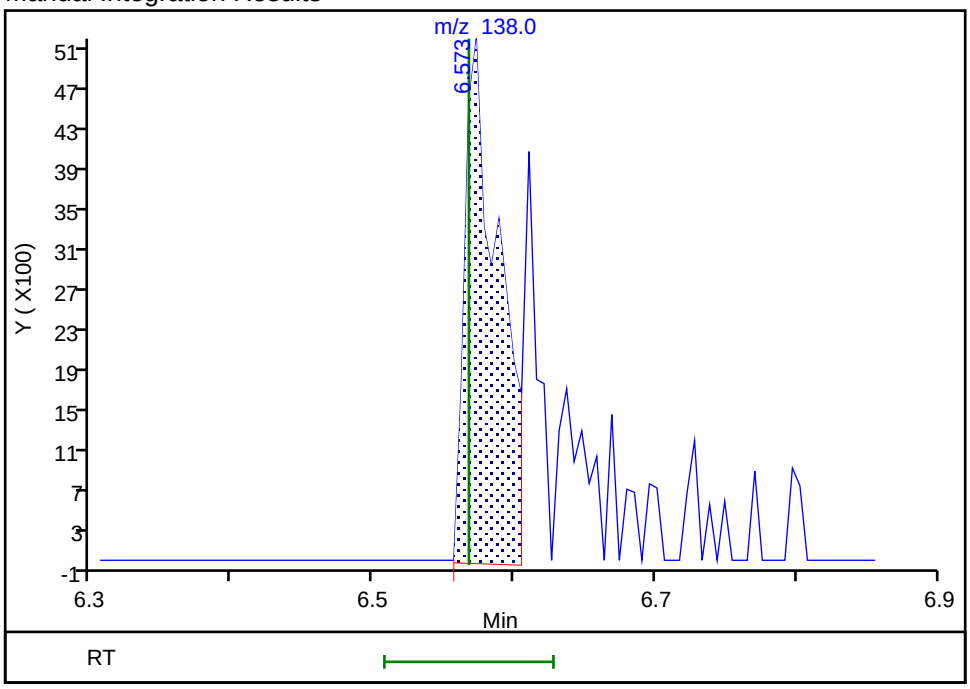
Processing Integration Results

RT: 6.57
Area: 5630
Amount: 120.8943
Amount Units: ug/L



Manual Integration Results

RT: 6.57
Area: 8826
Amount: 105.9456
Amount Units: ug/L



Reviewer: boylea, 28-Jan-2022 16:57:45
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Seattle

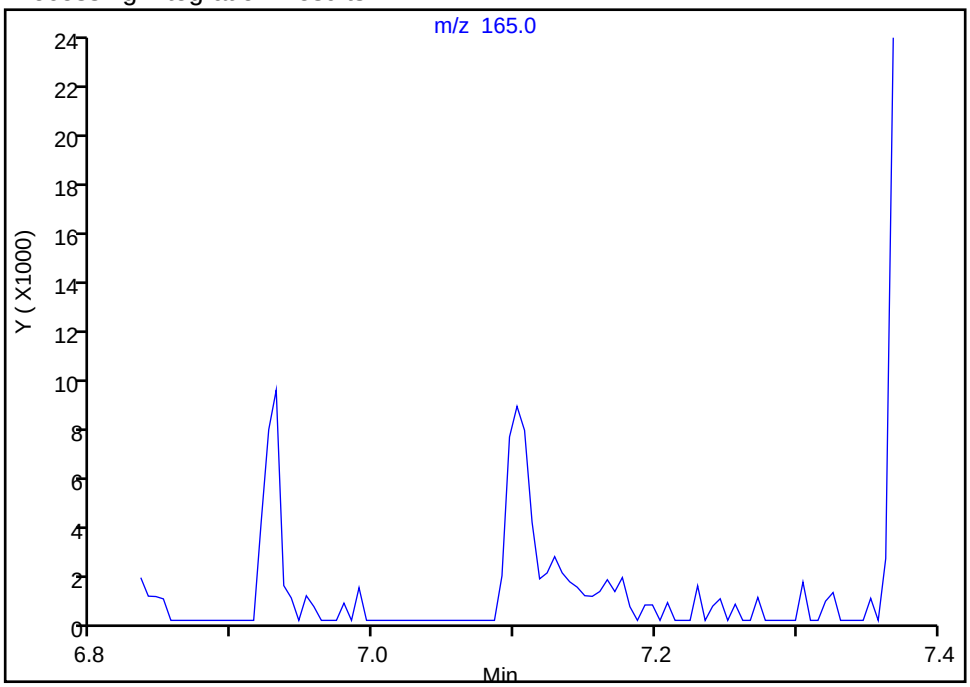
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A16_.D
Injection Date: 24-Jan-2022 19:23:30 Instrument ID: TAC051
Lims ID: STD4
Client ID:
Operator ID: TL ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

65 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

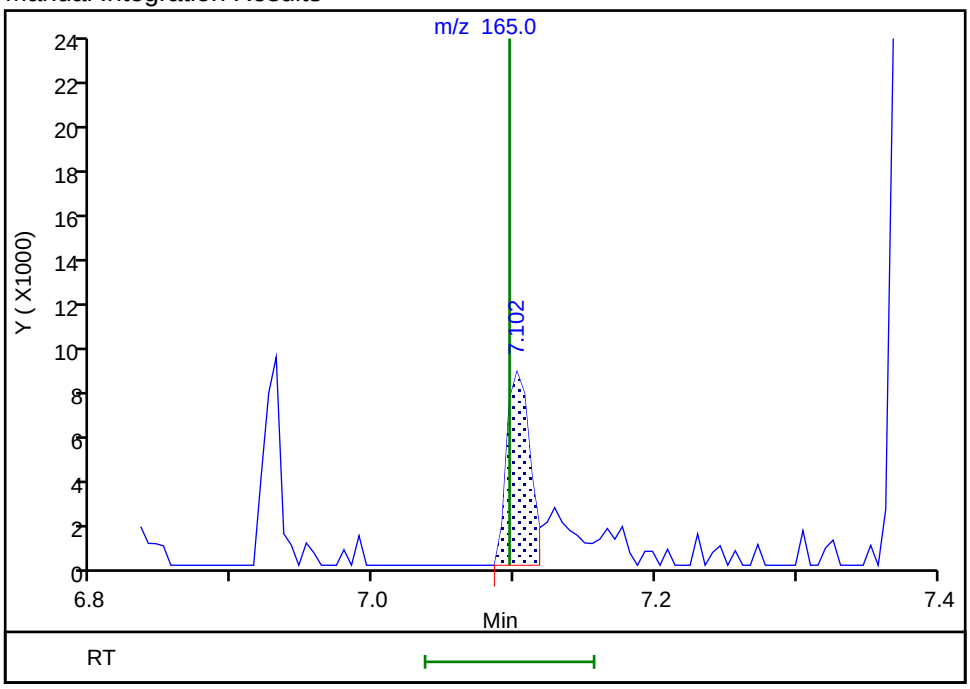
Not Detected
Expected RT: 7.10

Processing Integration Results



Manual Integration Results

RT: 7.10
Area: 9930
Amount: 103.0546
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:38:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Seattle

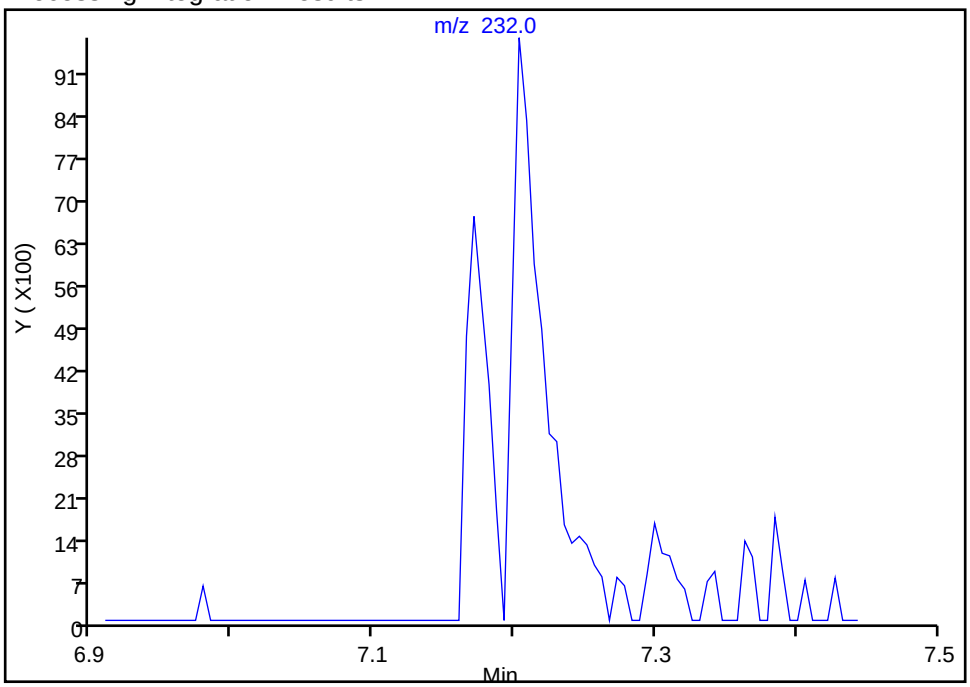
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A16_.D
Injection Date: 24-Jan-2022 19:23:30 Instrument ID: TAC051
Lims ID: STD4
Client ID:
Operator ID: TL ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

51 2,3,5,6-Tetrachlorophenol, CAS: 935-95-5

Signal: 1

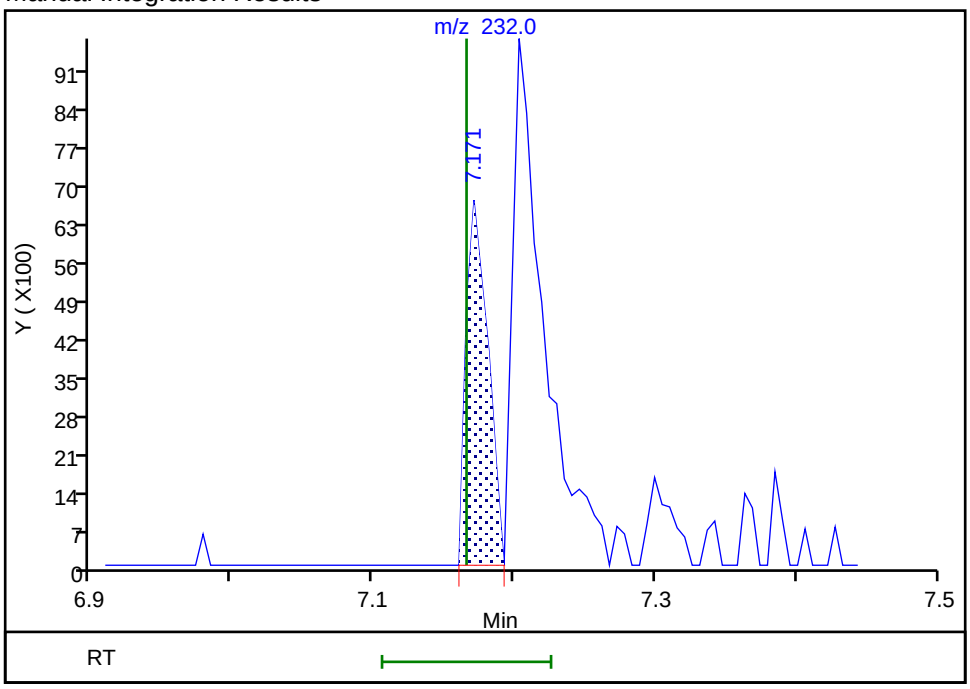
Not Detected
Expected RT: 7.17

Processing Integration Results



Manual Integration Results

RT: 7.17
Area: 7172
Amount: 87.663944
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:56:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

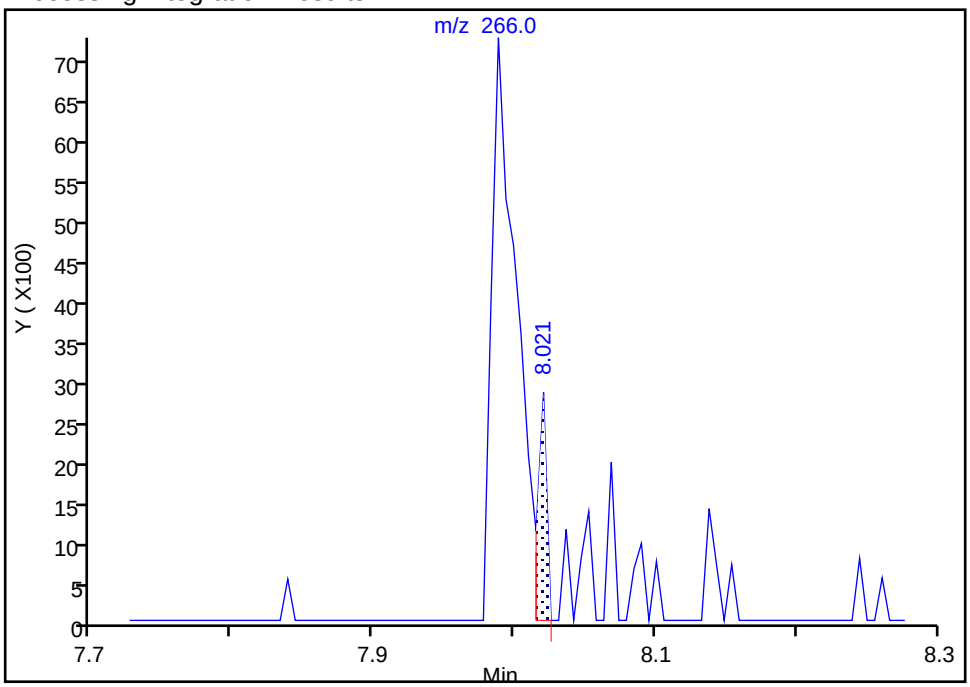
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A16_.D
Injection Date: 24-Jan-2022 19:23:30 Instrument ID: TAC051
Lims ID: STD4
Client ID:
Operator ID: TL ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

78 Pentachlorophenol, CAS: 87-86-5

Signal: 1

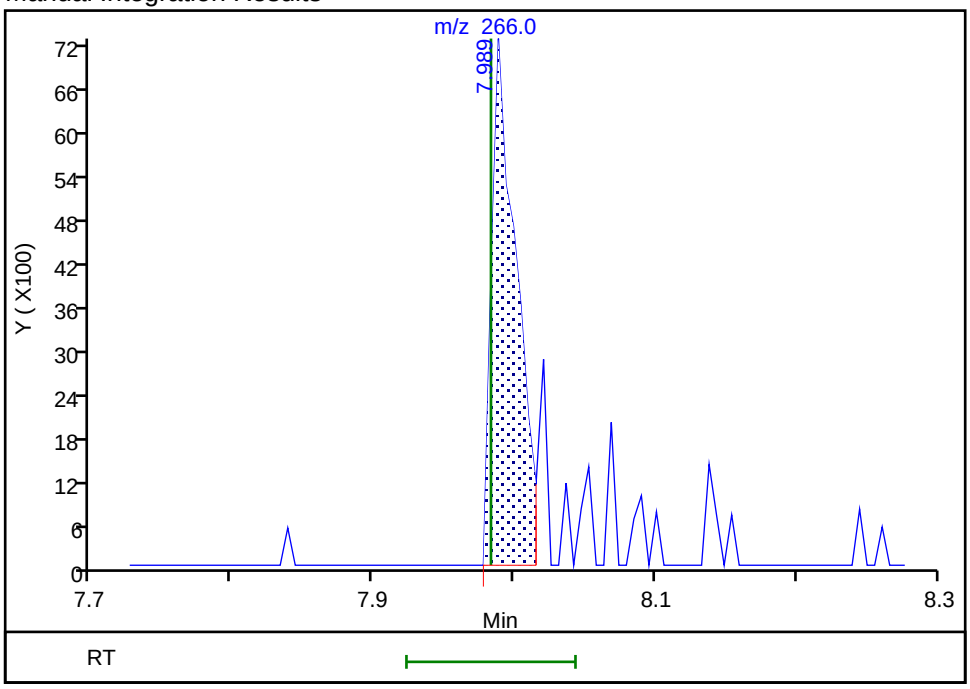
Processing Integration Results

RT: 8.02
Area: 1260
Amount: 203.3115
Amount Units: ug/L



Manual Integration Results

RT: 7.99
Area: 8872
Amount: 214.6353
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:38:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

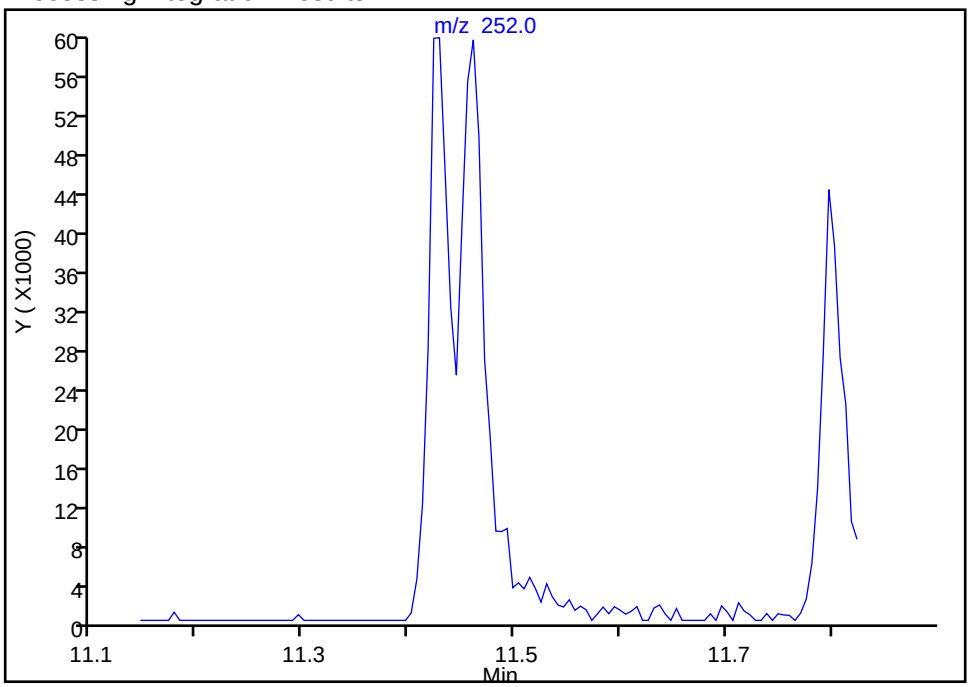
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A16_.D
Injection Date: 24-Jan-2022 19:23:30 Instrument ID: TAC051
Lims ID: STD4
Client ID:
Operator ID: TL ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

102 Benzofluoranthene, CAS: 56832-73-6

Signal: 1

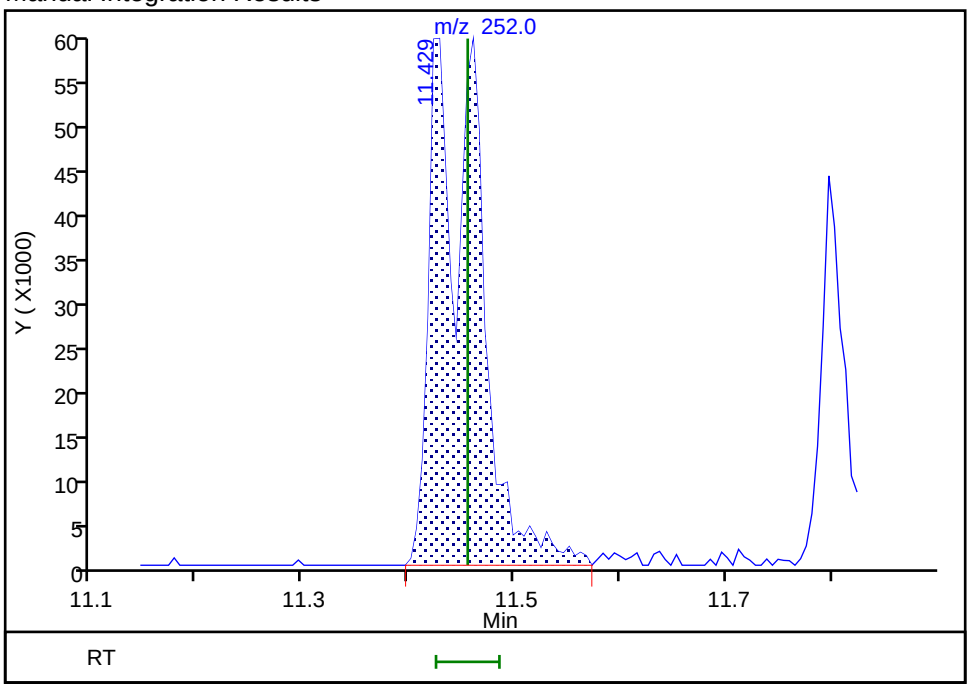
Not Detected
Expected RT: 11.46

Processing Integration Results



Manual Integration Results

RT: 11.43
Area: 184747
Amount: 198.7696
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:56:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A17_.D
Lims ID: STD3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 24-Jan-2022 19:45:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 3
Operator ID: TL Instrument ID: TAC051
Sublist: chrom-8270 TAC051*sub34

Method: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 28-Jan-2022 17:07:07 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: limmere Date: 25-Jan-2022 15:07:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.489	4.489	0.000	84	33814	100.0	100.0	
* 2 Naphthalene-d8	136	5.499	5.499	0.000	96	120154	100.0	100.0	
* 3 Acenaphthene-d10	164	6.925	6.925	0.000	90	54246	100.0	100.0	
* 4 Phenanthrene-d10	188	8.138	8.138	0.000	88	75532	100.0	100.0	
* 5 Chrysene-d12	240	10.333	10.334	-0.001	93	65781	100.0	100.0	
* 6 Perylene-d12	264	11.867	11.862	0.005	80	68492	100.0	100.0	
$ 7 2-Fluorophenol	112	3.485	3.485	0.000	59	15431	50.0	53.7	
$ 8 Phenol-d5	99	4.211	4.212	-0.001	90	15758	50.0	43.8	
$ 9 Nitrobenzene-d5	82	4.927	4.928	-0.001	54	15195	50.0	53.1	
$ 10 2-methylnaphthalene-d10	152	6.054	6.055	-0.001	0	37271	NC	NC	
$ 11 2-Fluorobiphenyl	172	6.386	6.386	0.000	82	41014	50.0	56.9	
$ 12 2,4,6-Tribromophenol	330	7.577	7.572	0.005	1	1919	50.0	57.2	
$ 13 Fluoranthene-d10 (Surr)	212	9.115	9.116	-0.001	0	41411	NC	NC	
$ 14 Terphenyl-d14	244	9.457	9.458	-0.001	67	32224	50.0	57.0	
16 N-Nitrosodimethylamine	74	2.502	2.475	0.027	66	5516	50.0	62.8	
17 Pyridine	79	2.534	2.492	0.042	84	10778	100.0	97.6	
19 Phenol	94	4.222	4.222	0.000	86	15427	50.0	45.4	
18 Aniline	93	4.238	4.238	0.000	21	19248	50.0	50.9	
20 Bis(2-chloroethyl)ether	93	4.297	4.297	0.000	62	14885	50.0	51.0	
21 2-Chlorophenol	128	4.329	4.324	0.005	67	18264	50.0	44.6	
22 n-Decane	57	4.377	4.377	0.000	78	11469	50.0	42.9	
23 1,3-Dichlorobenzene	146	4.446	4.447	-0.001	81	25691	50.0	52.7	
25 1,4-Dichlorobenzene	146	4.505	4.505	0.000	88	25157	50.0	47.5	
26 Benzyl alcohol	79	4.607	4.607	0.000	61	8445	50.0	47.8	
27 1,2-Dichlorobenzene	146	4.623	4.623	0.000	79	27809	50.0	56.1	
28 2-Methylphenol	108	4.698	4.692	0.006	50	13788	50.0	48.6	
29 2,2'-oxybis[1-chloropropane]	45	4.719	4.719	0.000	35	16099	50.0	49.1	
30 Acetophenone	105	4.815	4.810	0.005	85	21594	50.0	50.4	
31 N-Nitrosodi-n-propylamine	70	4.820	4.815	0.005	74	9614	50.0	57.1	
32 3 & 4 Methylphenol	108	4.820	4.821	-0.001	72	12191	50.0	47.1	
33 Hexachloroethane	117	4.884	4.885	-0.001	77	10733	50.0	55.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
34 Nitrobenzene	77	4.943	4.944	-0.001	84	12645	50.0	52.5	
35 Isophorone	82	5.141	5.136	0.005	86	26544	50.0	53.3	
36 2-Nitrophenol	139	5.200	5.200	0.000	69	7885	50.0	45.0	
37 2,4-Dimethylphenol	107	5.242	5.243	-0.001	79	14257	50.0	46.8	
38 Bis(2-chloroethoxy)methane	93	5.323	5.323	0.000	78	14617	50.0	46.8	
40 2,4-Dichlorophenol	162	5.392	5.392	0.000	51	11144	50.0	51.1	
41 1,2,4-Trichlorobenzene	180	5.456	5.456	0.000	72	20307	50.0	55.3	
42 Naphthalene	128	5.520	5.515	0.005	74	64682	50.0	50.9	
43 4-Chloroaniline	127	5.574	5.569	0.005	47	12448	50.0	53.7	
44 2,6-Dichlorophenol	162	5.574	5.574	0.000	76	16145	50.0	61.2	
45 Hexachlorobutadiene	225	5.622	5.622	0.000	75	11375	50.0	52.2	
46 4-Chloro-3-methylphenol	107	5.980	5.969	0.011	29	3449	50.0	53.3	
47 2-Methylnaphthalene	142	6.081	6.081	0.000	76	43019	50.0	55.0	
48 1-Methylnaphthalene	142	6.156	6.156	0.000	76	41871	50.0	56.3	
49 Hexachlorocyclopentadiene	237	6.209	6.210	-0.001	66	8444	50.0	44.1	
50 1,2,4,5-Tetrachlorobenzene	216	6.215	6.215	0.000	79	18058	50.0	55.5	
52 2,4,6-Trichlorophenol	196	6.316	6.311	0.005	1	4179	50.0	54.3	
53 2,4,5-Trichlorophenol	196	6.359	6.343	0.016	1	2757	50.0	57.4	a
54 1,1'-Biphenyl	154	6.466	6.461	0.005	90	44414	50.0	56.4	
55 2-Chloronaphthalene	162	6.476	6.471	0.005	70	37577	50.0	60.8	
56 2-Nitroaniline	138	6.589	6.568	0.021	1	3222	50.0	77.9	
57 Dimethyl phthalate	163	6.728	6.722	0.006	82	27018	50.0	39.0	
58 1,3-Dinitrobenzene	168	6.760	6.744	0.016	6	491	50.0	122.9	
59 2,6-Dinitrotoluene	165	6.776	6.765	0.011	20	4949	50.0	63.5	
60 Acenaphthylene	152	6.808	6.808	0.000	78	49775	50.0	51.4	
61 3-Nitroaniline	138	6.931	6.904	0.027	3	1451	50.0	82.0	
62 Acenaphthene	153	6.952	6.952	0.000	86	31595	50.0	49.8	
64 4-Nitrophenol	109	7.096	7.048	0.048	7	982	100.0	794.4	
66 Dibenzofuran	168	7.096	7.096	0.000	75	42568	50.0	52.7	
51 2,3,5,6-Tetrachlorophenol	232	7.171	7.166	0.005	1	1916	50.0	54.2	
67 2,3,4,6-Tetrachlorophenol	232	7.214	7.198	0.016	1	3997	50.0	50.0	
68 Diethyl phthalate	149	7.304	7.299	0.005	89	40160	50.0	57.1	
69 Fluorene	166	7.374	7.374	0.000	67	28712	50.0	44.7	
70 4-Chlorophenyl phenyl ether	204	7.390	7.385	0.005	64	15590	50.0	52.7	
71 4-Nitroaniline	138	7.427	7.401	0.026	1	838	50.0	70.5	
72 4,6-Dinitro-2-methylphenol	198	7.427	7.422	0.005	1	1101	100.0	193.1	
73 N-Nitrosodiphenylamine	169	7.486	7.481	0.005	32	17392	50.0	43.4	
74 Azobenzene	77	7.513	7.513	0.000	67	19809	50.0	51.2	
75 4-Bromophenyl phenyl ether	248	7.791	7.786	0.005	16	6901	50.0	50.5	
76 Hexachlorobenzene	284	7.823	7.818	0.005	48	10787	50.0	55.3	
77 Atrazine	200	7.935	7.930	0.005	25	5824	50.0	49.4	
79 n-Octadecane	57	8.084	8.085	-0.001	66	12197	50.0	52.0	
80 Phenanthrene	178	8.159	8.160	0.000	56	47829	50.0	52.7	
81 Anthracene	178	8.202	8.197	0.005	74	42705	50.0	53.9	
83 Carbazole	167	8.352	8.336	0.016	42	37213	50.0	57.9	M
84 Di-n-butyl phthalate	149	8.645	8.646	-0.001	96	67567	50.0	59.0	
85 Fluoranthene	202	9.131	9.132	-0.001	84	43982	50.0	47.5	
88 Benzidine	184	9.281	9.260	0.021	18	4379	100.0	106.8	
89 Pyrene	202	9.313	9.313	0.000	95	48040	50.0	48.4	
94 Butyl benzyl phthalate	149	9.874	9.869	0.005	59	21653	50.0	52.5	
96 3,3'-Dichlorobenzidine	252	10.323	10.318	0.005	1	23496	100.0	112.9	M
97 Benzo[a]anthracene	228	10.328	10.323	0.005	86	31640	50.0	44.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
99 Chrysene	228	10.360	10.360	0.000	80	56009	50.0	51.7	
98 Bis(2-ethylhexyl) phthalate	149	10.392	10.393	0.000	67	30339	50.0	50.1	
100 Di-n-octyl phthalate	149	11.055	11.055	0.000	64	42834	50.0	47.2	
101 Benzo[b]fluoranthene	252	11.423	11.424	-0.001	82	32758	50.0	45.4	
102 Benzofluoranthene	252	11.461	11.456	0.005	1	87056	100.0	103.4	a
103 Benzo[k]fluoranthene	252	11.461	11.456	0.005	57	50225	50.0	54.6	
104 Benzo[a]pyrene	252	11.797	11.792	0.005	46	35331	50.0	55.2	
105 Indeno[1,2,3-cd]pyrene	276	13.170	13.165	0.005	62	33123	50.0	57.0	M
106 Dibenz(a,h)anthracene	278	13.218	13.208	0.010	1	28319	50.0	51.3	
107 Benzo[g,h,i]perylene	276	13.501	13.496	0.005	81	38178	50.0	46.8	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8270ccvl_50_00039 Amount Added: 1.00 Units: mL

Report Date: 28-Jan-2022 17:07:08 Chrom Revision: 2.3 18-Jan-2022 20:25:40

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A17_.D

Injection Date: 24-Jan-2022 19:45:30 Instrument ID: TAC051

Lims ID: STD3

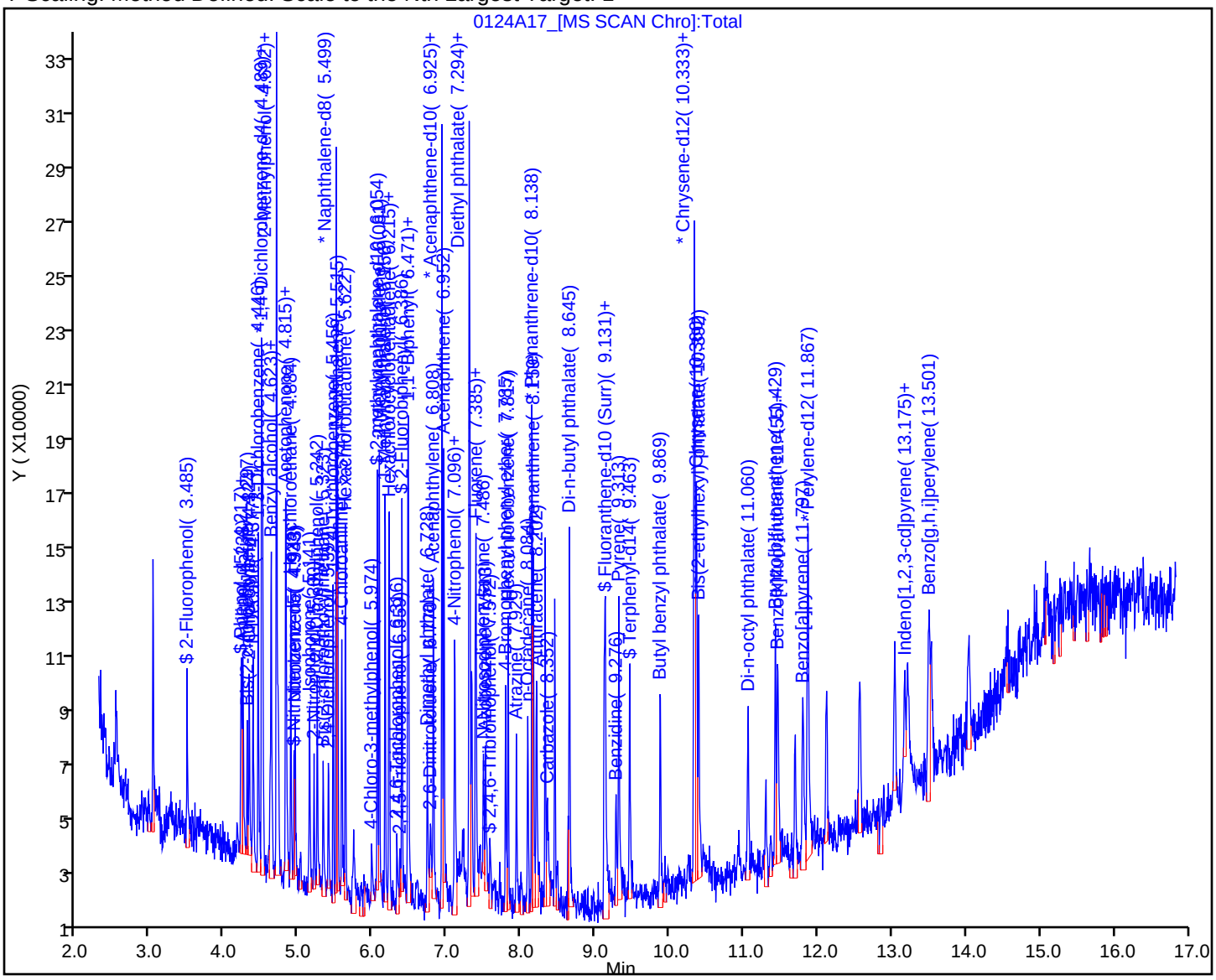
Client ID:

Operator ID: TL ALS Bottle#: 11 Worklist Smp#: 11

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

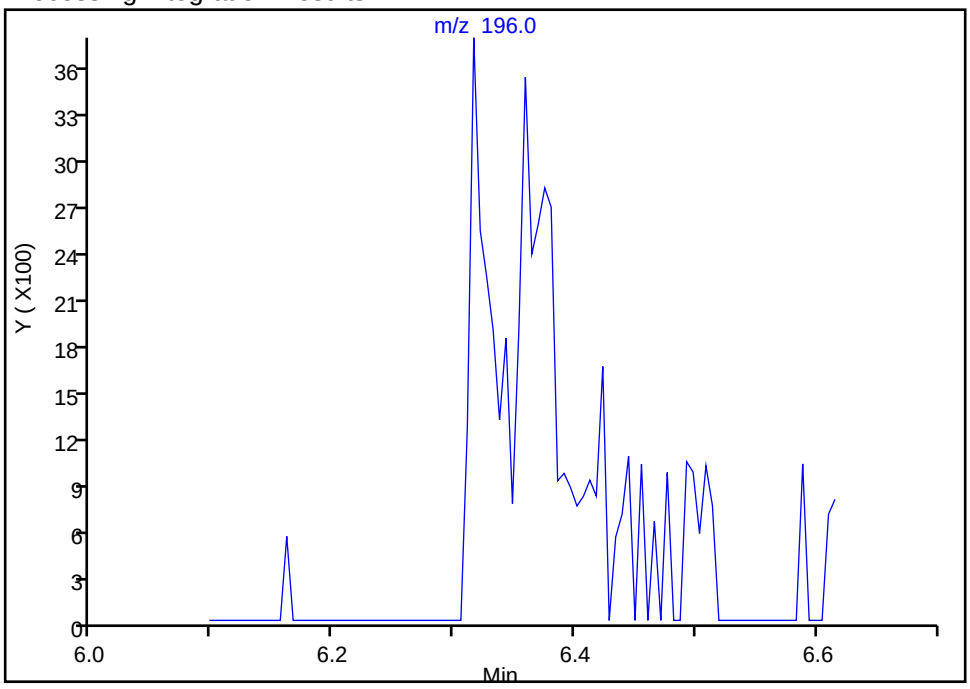
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A17_.D
Injection Date: 24-Jan-2022 19:45:30 Instrument ID: TAC051
Lims ID: STD3
Client ID:
Operator ID: TL ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

53 2,4,5-Trichlorophenol, CAS: 95-95-4

Signal: 1

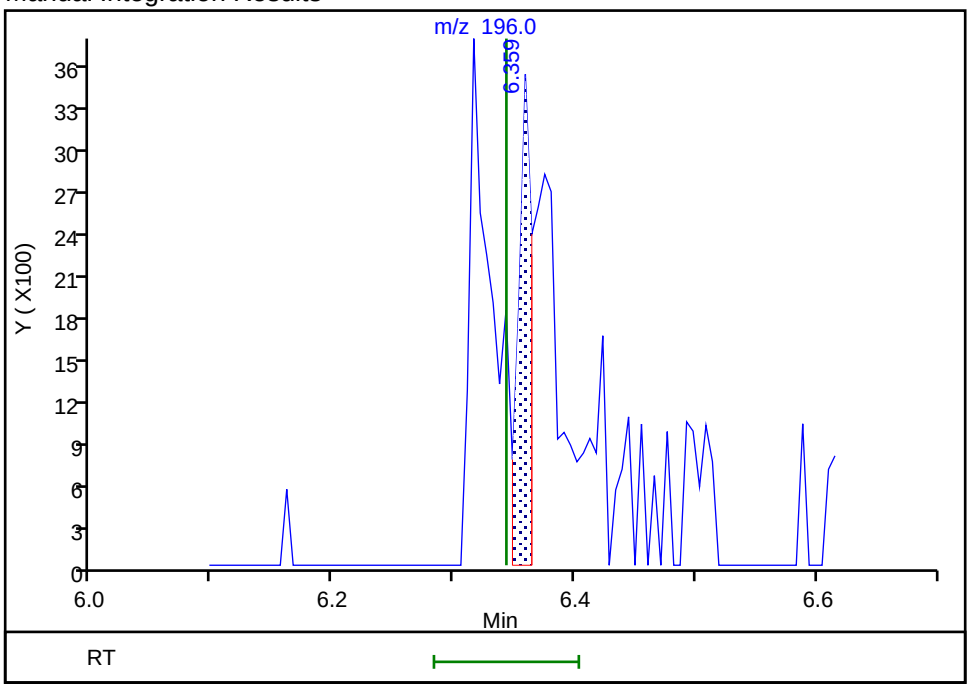
Not Detected
Expected RT: 6.34

Processing Integration Results



Manual Integration Results

RT: 6.36
Area: 2757
Amount: 57.449600
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:57:13
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

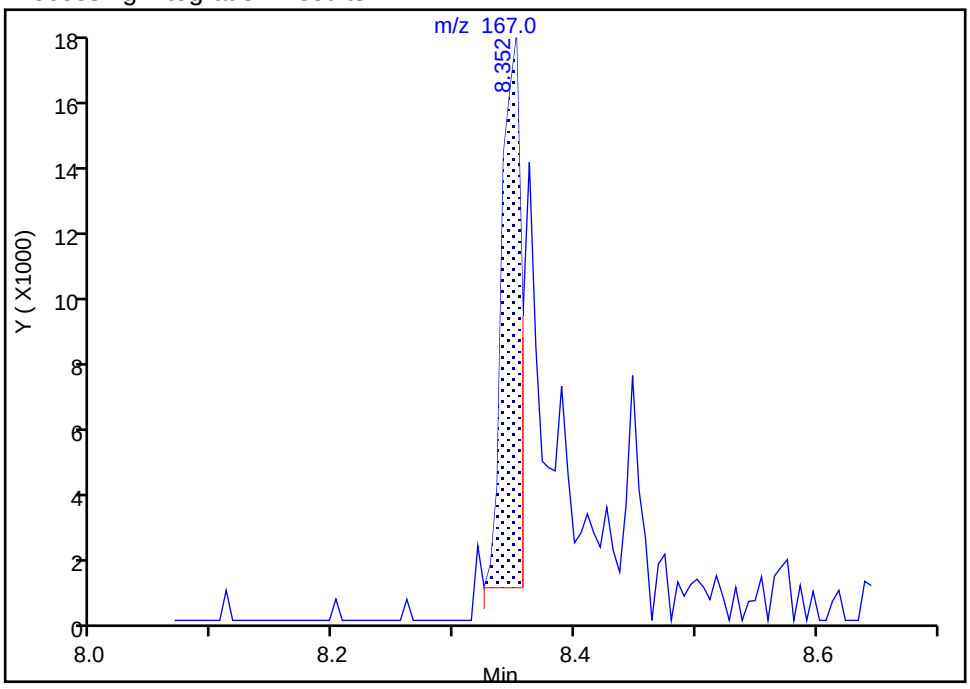
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A17_.D
Injection Date: 24-Jan-2022 19:45:30 Instrument ID: TAC051
Lims ID: STD3
Client ID:
Operator ID: TL ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

83 Carbazole, CAS: 86-74-8

Signal: 1

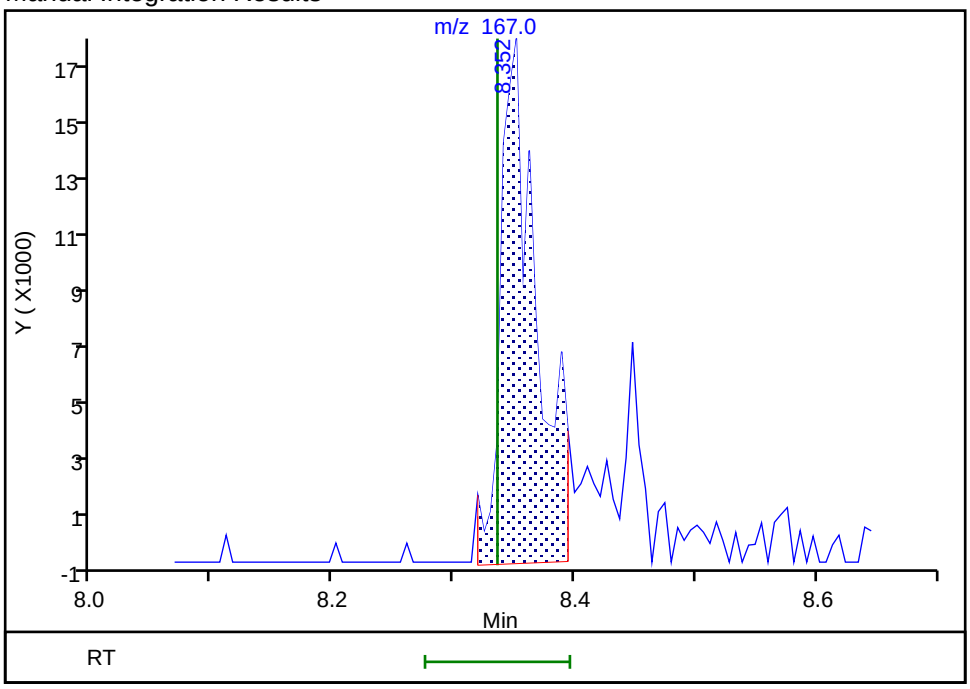
Processing Integration Results

RT: 8.35
Area: 18503
Amount: 37.172932
Amount Units: ug/L



Manual Integration Results

RT: 8.35
Area: 37213
Amount: 57.853512
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:36:18
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Seattle

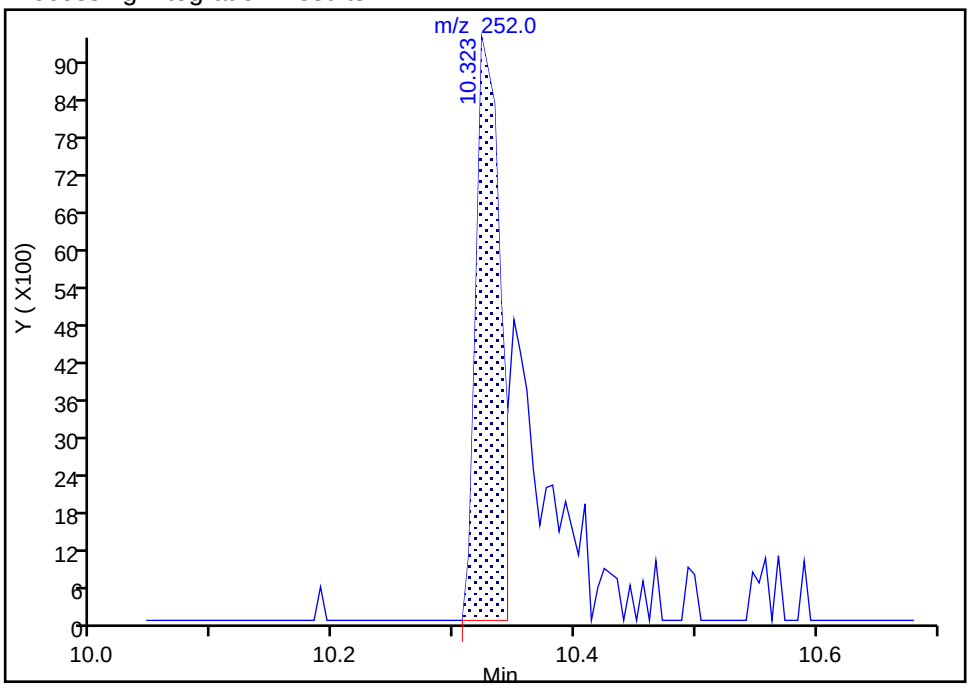
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A17_.D
Injection Date: 24-Jan-2022 19:45:30 Instrument ID: TAC051
Lims ID: STD3
Client ID:
Operator ID: TL ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

96 3,3'-Dichlorobenzidine, CAS: 91-94-1

Signal: 1

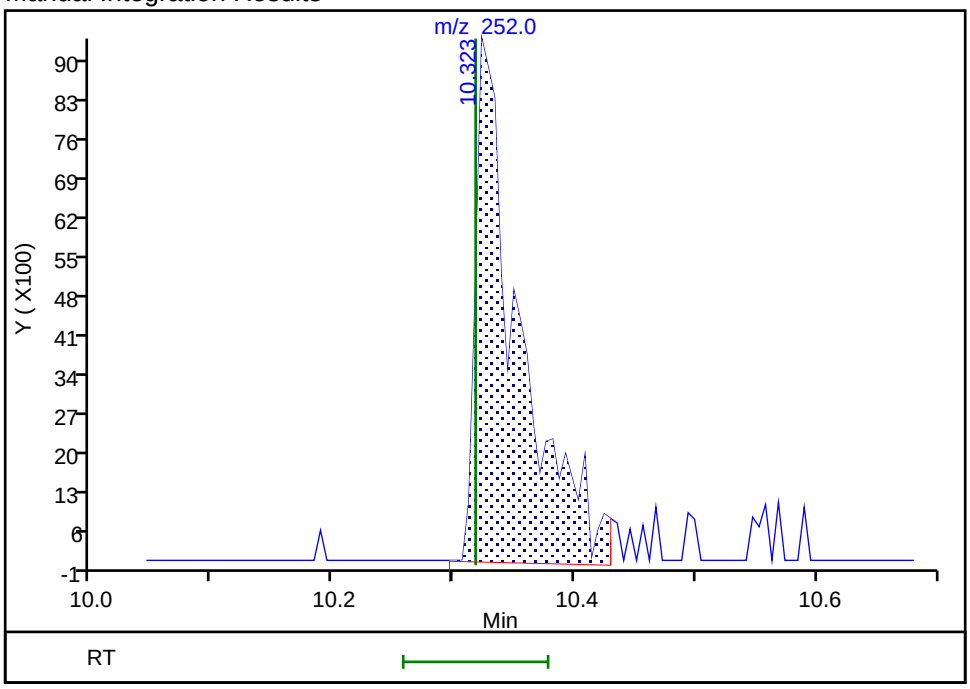
Processing Integration Results

RT: 10.32
Area: 13119
Amount: 83.567970
Amount Units: ug/L



Manual Integration Results

RT: 10.32
Area: 23496
Amount: 112.8834
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:36:03
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Seattle

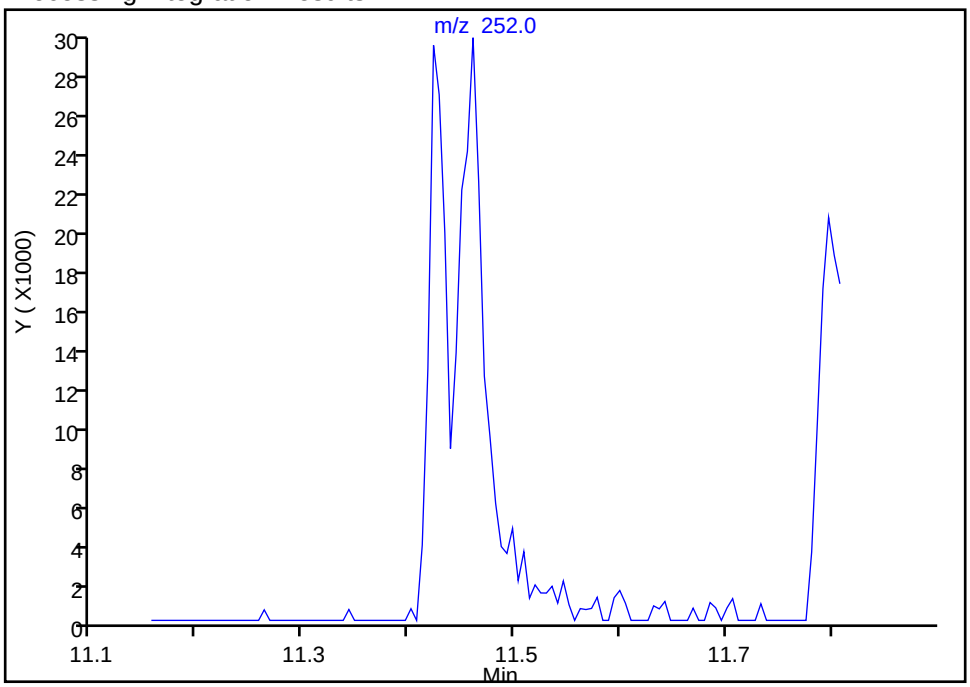
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A17_.D
Injection Date: 24-Jan-2022 19:45:30 Instrument ID: TAC051
Lims ID: STD3
Client ID:
Operator ID: TL ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

102 Benzofluoranthene, CAS: 56832-73-6

Signal: 1

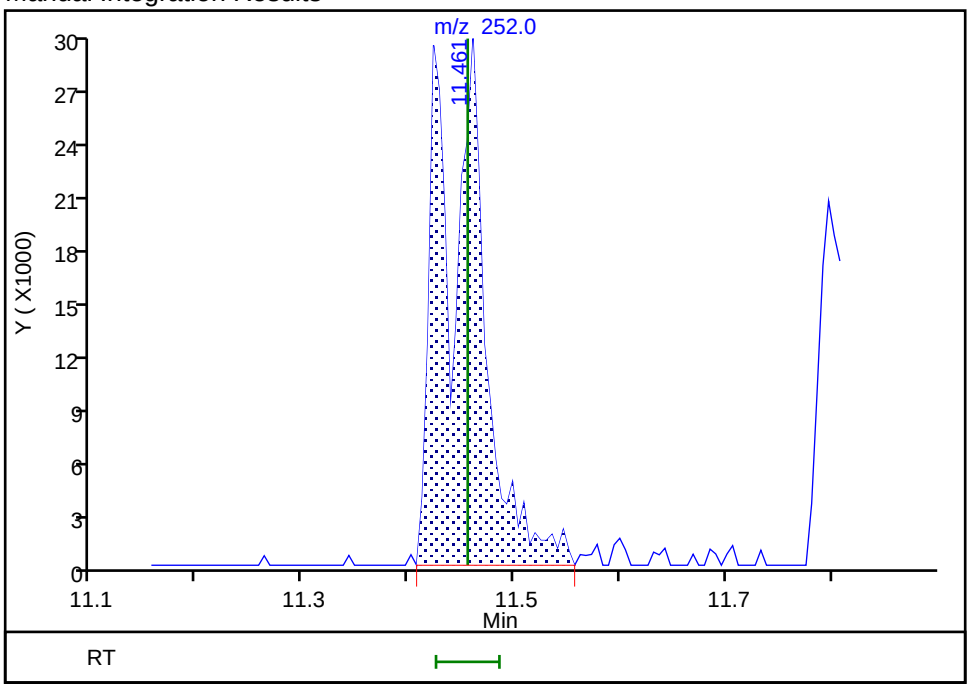
Not Detected
Expected RT: 11.46

Processing Integration Results



Manual Integration Results

RT: 11.46
Area: 87056
Amount: 103.4318
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:57:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

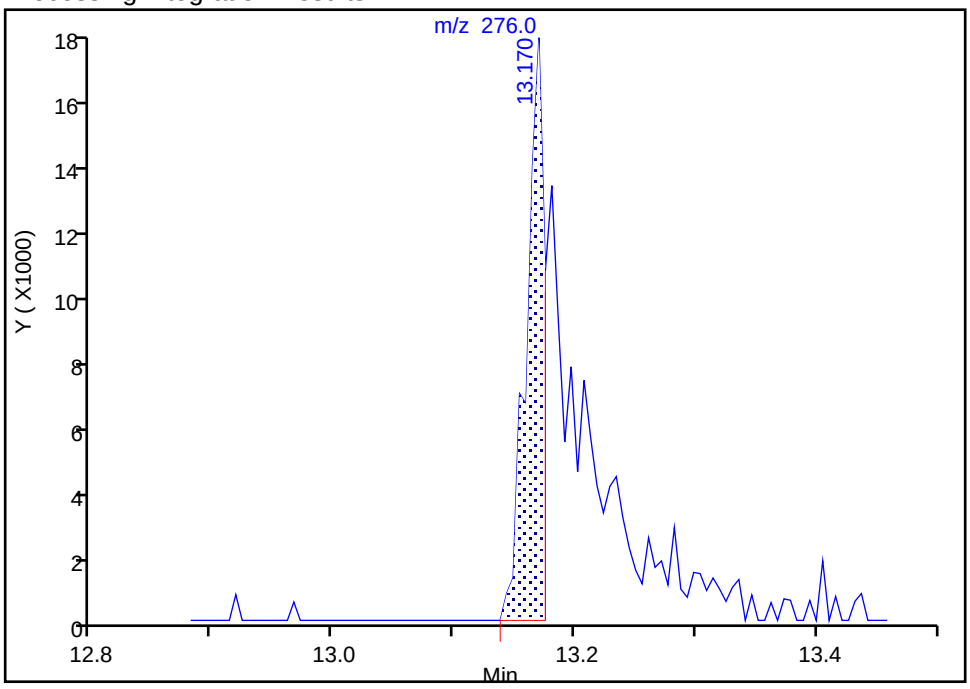
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A17_.D
Injection Date: 24-Jan-2022 19:45:30 Instrument ID: TAC051
Lims ID: STD3
Client ID:
Operator ID: TL ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

105 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

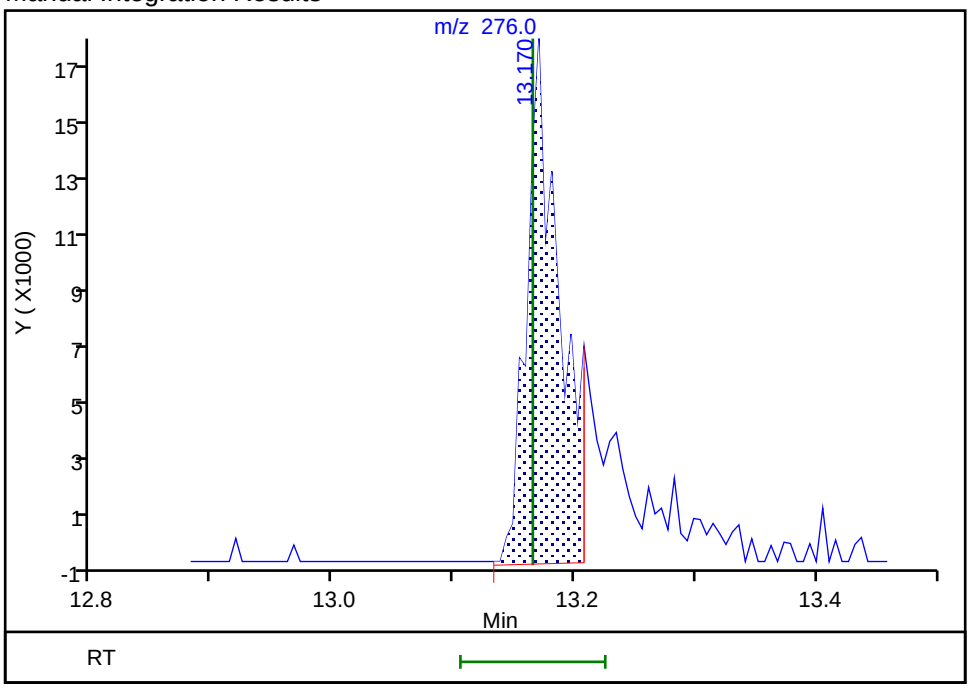
Processing Integration Results

RT: 13.17
Area: 17997
Amount: 40.334029
Amount Units: ug/L



Manual Integration Results

RT: 13.17
Area: 33123
Amount: 56.958718
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:35:40
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A18_.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 24-Jan-2022 20:08:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 2
Operator ID: TL Instrument ID: TAC051
Sublist: chrom-8270 TAC051*sub34

Method: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 28-Jan-2022 17:07:11 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: limmere Date: 25-Jan-2022 15:09:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.489	4.489	0.000	89	31569	100.0	100.0	
* 2 Naphthalene-d8	136	5.499	5.499	0.000	96	109558	100.0	100.0	
* 3 Acenaphthene-d10	164	6.931	6.925	0.006	80	50575	100.0	100.0	
* 4 Phenanthrene-d10	188	8.143	8.138	0.005	88	65799	100.0	100.0	
* 5 Chrysene-d12	240	10.339	10.334	0.005	87	53079	100.0	100.0	
* 6 Perylene-d12	264	11.867	11.862	0.005	80	55387	100.0	100.0	
$ 7 2-Fluorophenol	112	3.485	3.485	0.000	23	4372	20.0	19.6	a
$ 8 Phenol-d5	99	4.211	4.212	-0.001	66	3933	20.0	10.6	
$ 9 Nitrobenzene-d5	82	4.933	4.928	0.005	58	6320	20.0	24.2	
$ 10 2-methylnaphthalene-d10	152	6.054	6.055	-0.001	0	12437	NC	NC	
$ 11 2-Fluorobiphenyl	172	6.386	6.386	0.000	50	12385	20.0	18.4	
$ 13 Fluoranthene-d10 (Surr)	212	9.121	9.116	0.005	0	12432	NC	NC	
16 N-Nitrosodimethylamine	74	2.507	2.475	0.032	52	1186	20.0	33.1	
19 Phenol	94	4.217	4.222	-0.005	2	5644	20.0	17.8	
18 Aniline	93	4.243	4.238	0.005	1	6798	20.0	22.9	
20 Bis(2-chloroethyl)ether	93	4.297	4.297	0.000	59	6005	20.0	22.0	
21 2-Chlorophenol	128	4.324	4.324	0.000	45	7588	20.0	19.9	
22 n-Decane	57	4.377	4.377	0.000	58	5471	20.0	21.9	
23 1,3-Dichlorobenzene	146	4.446	4.447	-0.001	67	7071	20.0	15.5	
25 1,4-Dichlorobenzene	146	4.505	4.505	0.000	60	10925	20.0	22.1	
26 Benzyl alcohol	79	4.607	4.607	0.000	8	2674	20.0	21.1	
27 1,2-Dichlorobenzene	146	4.623	4.623	0.000	53	10046	20.0	21.7	
28 2-Methylphenol	108	4.698	4.692	0.006	26	4743	20.0	17.9	
29 2,2'-oxybis[1-chloropropane]	45	4.714	4.719	-0.005	49	6254	20.0	20.4	a
30 Acetophenone	105	4.815	4.810	0.005	71	5800	20.0	14.5	
31 N-Nitrosodi-n-propylamine	70	4.820	4.815	0.005	45	2780	20.0	17.7	
32 3 & 4 Methylphenol	108	4.826	4.821	0.005	44	4085	20.0	20.9	
33 Hexachloroethane	117	4.884	4.885	-0.001	55	3510	20.0	19.6	
34 Nitrobenzene	77	4.943	4.944	-0.001	32	2911	20.0	19.6	
35 Isophorone	82	5.141	5.136	0.005	64	8330	20.0	17.9	
36 2-Nitrophenol	139	5.200	5.200	0.000	3	2689	20.0	21.4	a

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
37 2,4-Dimethylphenol	107	5.242	5.243	-0.001	49	3867	20.0	16.9	
38 Bis(2-chloroethoxy)methane	93	5.323	5.323	0.000	64	4852	20.0	16.6	a
40 2,4-Dichlorophenol	162	5.397	5.392	0.005	1	1576	20.0	22.0	
41 1,2,4-Trichlorobenzene	180	5.456	5.456	0.000	50	7388	20.0	22.1	
42 Naphthalene	128	5.515	5.515	0.000	46	25785	20.0	21.3	
43 4-Chloroaniline	127	5.574	5.569	0.005	32	4821	20.0	37.1	
44 2,6-Dichlorophenol	162	5.574	5.574	0.000	31	4566	20.0	21.6	
45 Hexachlorobutadiene	225	5.622	5.622	0.000	32	4635	20.0	23.3	
47 2-Methylnaphthalene	142	6.081	6.081	0.000	34	16577	20.0	23.2	
48 1-Methylnaphthalene	142	6.161	6.156	0.005	53	15130	20.0	22.3	
50 1,2,4,5-Tetrachlorobenzene	216	6.215	6.215	0.000	36	7413	20.0	20.1	
54 1,1'-Biphenyl	154	6.466	6.461	0.005	61	14875	20.0	20.3	
55 2-Chloronaphthalene	162	6.476	6.471	0.005	60	12526	20.0	21.7	
60 Acenaphthylene	152	6.813	6.808	0.005	63	16248	20.0	16.6	
62 Acenaphthene	153	6.952	6.952	0.000	58	13633	20.0	23.0	
66 Dibenzofuran	168	7.101	7.096	0.005	39	12109	20.0	16.1	
68 Diethyl phthalate	149	7.310	7.299	0.011	40	11668	20.0	17.8	
69 Fluorene	166	7.379	7.374	0.005	45	9642	20.0	16.1	
70 4-Chlorophenyl phenyl ether	204	7.390	7.385	0.005	26	4536	20.0	16.5	
73 N-Nitrosodiphenylamine	169	7.491	7.481	0.010	1	5128	20.0	14.7	
74 Azobenzene	77	7.518	7.513	0.005	37	6057	20.0	20.4	
75 4-Bromophenyl phenyl ether	248	7.785	7.786	-0.001	1	1411	20.0	19.5	
79 n-Octadecane	57	8.095	8.085	0.010	10	4675	20.0	23.8	
80 Phenanthrene	178	8.159	8.160	0.000	40	15103	20.0	17.8	
81 Anthracene	178	8.202	8.197	0.005	26	9538	20.0	19.4	a
83 Carbazole	167	8.368	8.336	0.032	1	7728	20.0	17.1	
84 Di-n-butyl phthalate	149	8.651	8.646	0.005	60	23632	20.0	22.5	
85 Fluoranthene	202	9.131	9.132	-0.001	58	15483	20.0	19.5	
89 Pyrene	202	9.318	9.313	0.005	76	15300	20.0	16.7	
94 Butyl benzyl phthalate	149	9.874	9.869	0.005	5	6796	20.0	25.3	
96 3,3'-Dichlorobenzidine	252	10.328	10.318	0.010	1	2536	40.0	38.1	
97 Benzo[a]anthracene	228	10.333	10.323	0.010	9	11529	20.0	23.9	a
99 Chrysene	228	10.366	10.360	0.006	41	22332	20.0	19.6	
98 Bis(2-ethylhexyl) phthalate	149	10.398	10.393	0.006	45	10145	20.0	20.5	a
101 Benzo[b]fluoranthene	252	11.434	11.424	0.010	57	11195	20.0	20.5	
102 Benzofluoranthene	252	11.434	11.456	-0.022	1	30007	40.0	44.1	a
103 Benzo[k]fluoranthene	252	11.461	11.456	0.005	19	15142	20.0	20.4	a
104 Benzo[a]pyrene	252	11.803	11.792	0.011	27	9067	20.0	20.8	
105 Indeno[1,2,3-cd]pyrene	276	13.186	13.165	0.021	54	6230	20.0	20.7	
106 Dibenz(a,h)anthracene	278	13.218	13.208	0.010	1	4172	20.0	20.8	
107 Benzo[g,h,i]perylene	276	13.501	13.496	0.005	55	13798	20.0	23.0	Ma

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8270SIM_IS_00069	Amount Added: 6.00	Units: uL
8270ccvl_50_00039	Amount Added: 400.00	Units: uL

Report Date: 28-Jan-2022 17:07:12 Chrom Revision: 2.3 18-Jan-2022 20:25:40

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A18_.D

Injection Date: 24-Jan-2022 20:08:30 Instrument ID: TAC051

Lims ID: STD2

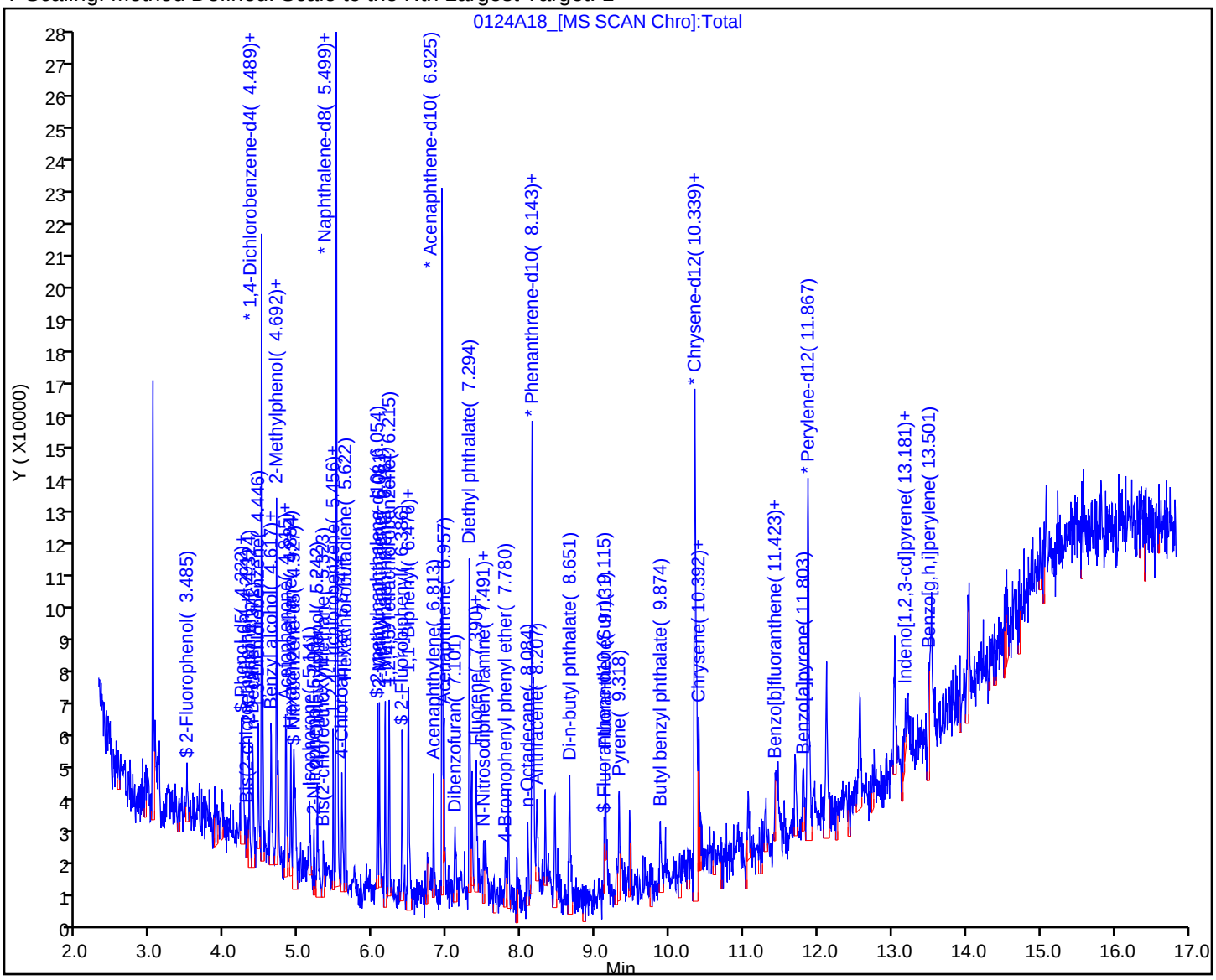
Client ID:

Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

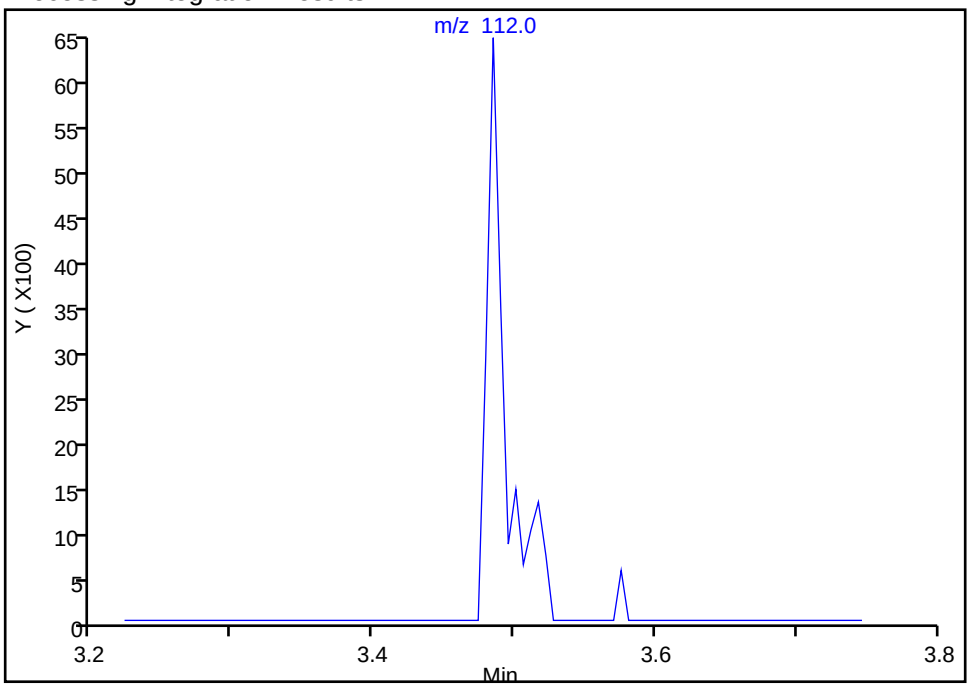
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A18_.D
Injection Date: 24-Jan-2022 20:08:30 Instrument ID: TAC051
Lims ID: STD2
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

$ 7 2-Fluorophenol, CAS: 367-12-4

Signal: 1

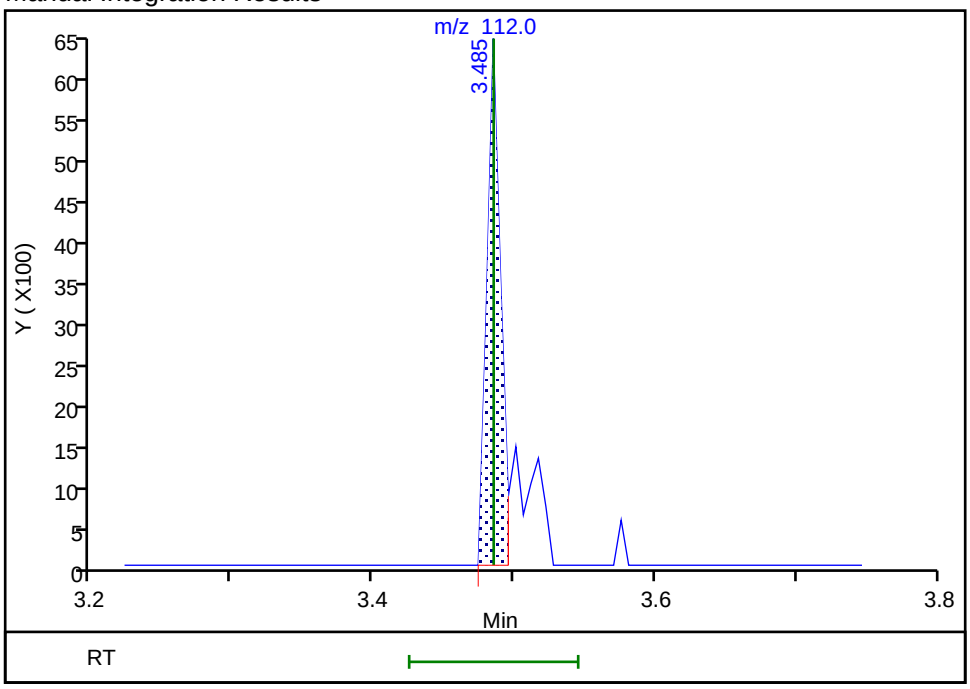
Not Detected
Expected RT: 3.49

Processing Integration Results



Manual Integration Results

RT: 3.48
Area: 4372
Amount: 19.589470
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:57:44
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

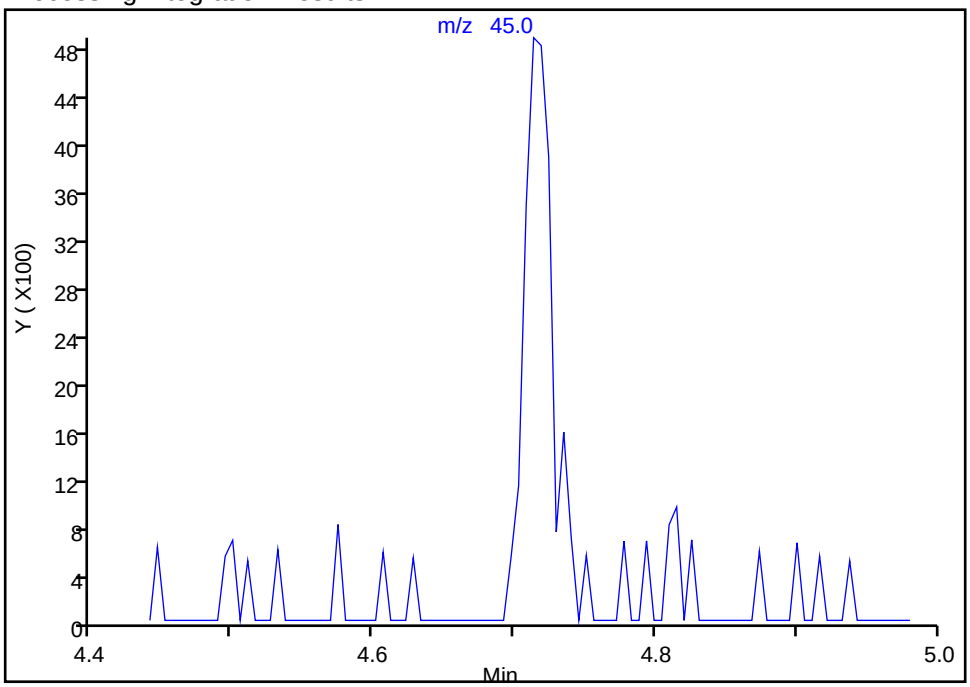
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A18_.D
Injection Date: 24-Jan-2022 20:08:30 Instrument ID: TAC051
Lims ID: STD2
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

29 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

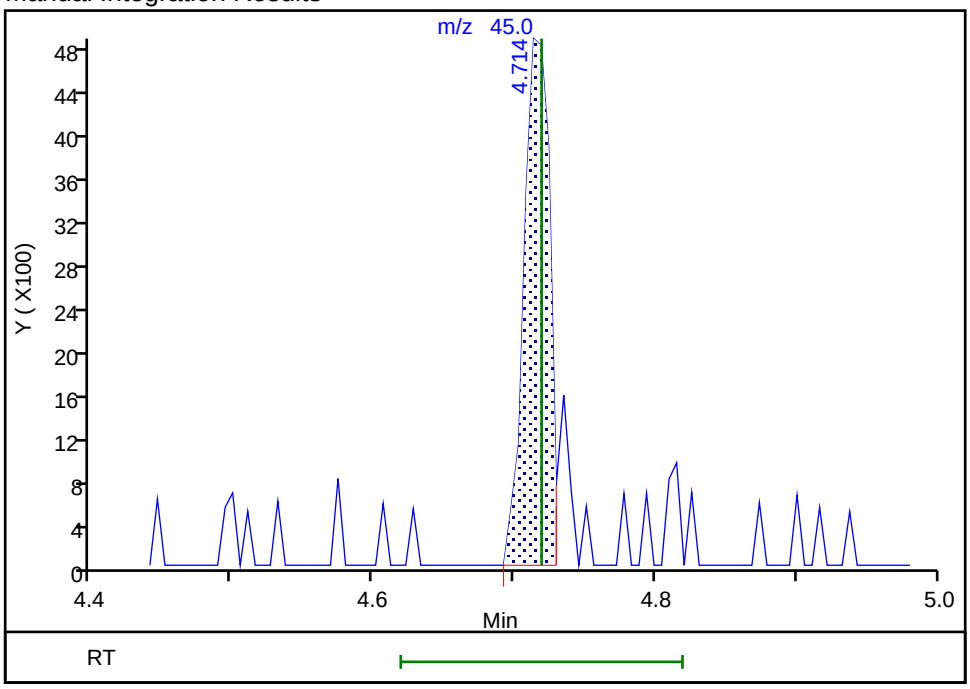
Processing Integration Results

Not Detected
Expected RT: 4.72



Manual Integration Results

RT: 4.71
Area: 6254
Amount: 20.415665
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:58:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

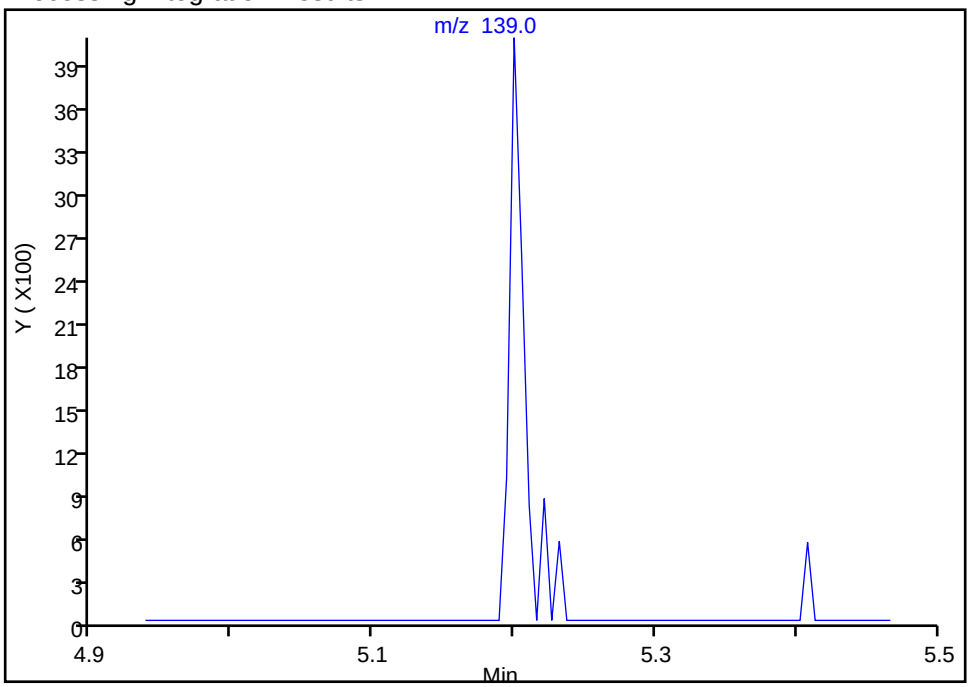
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A18_.D
Injection Date: 24-Jan-2022 20:08:30 Instrument ID: TAC051
Lims ID: STD2
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

36 2-Nitrophenol, CAS: 88-75-5

Signal: 1

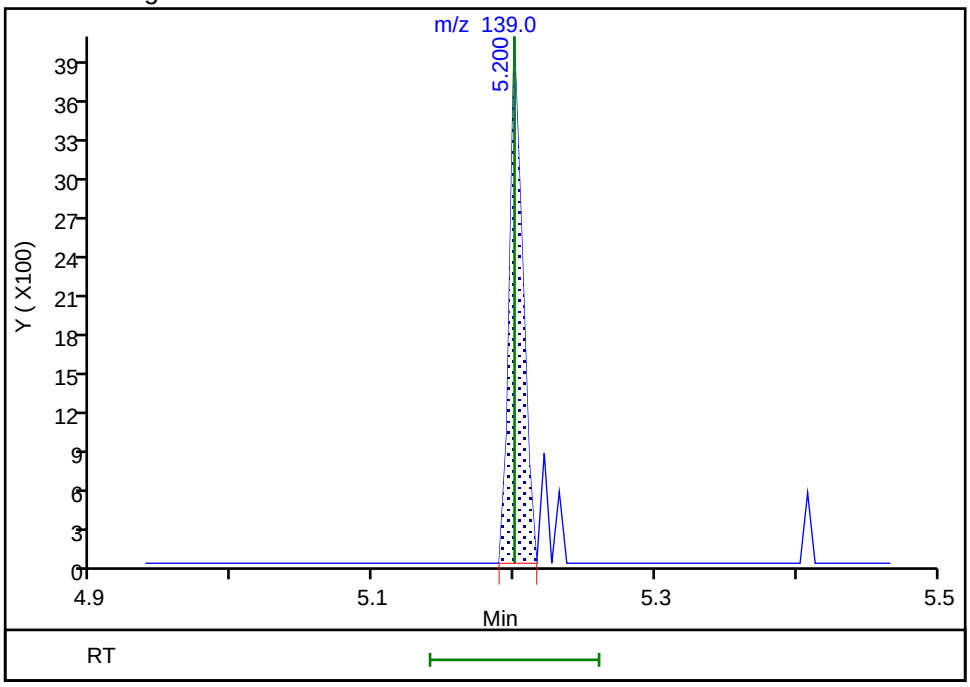
Not Detected
Expected RT: 5.20

Processing Integration Results



Manual Integration Results

RT: 5.20
Area: 2689
Amount: 21.366336
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 13:58:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

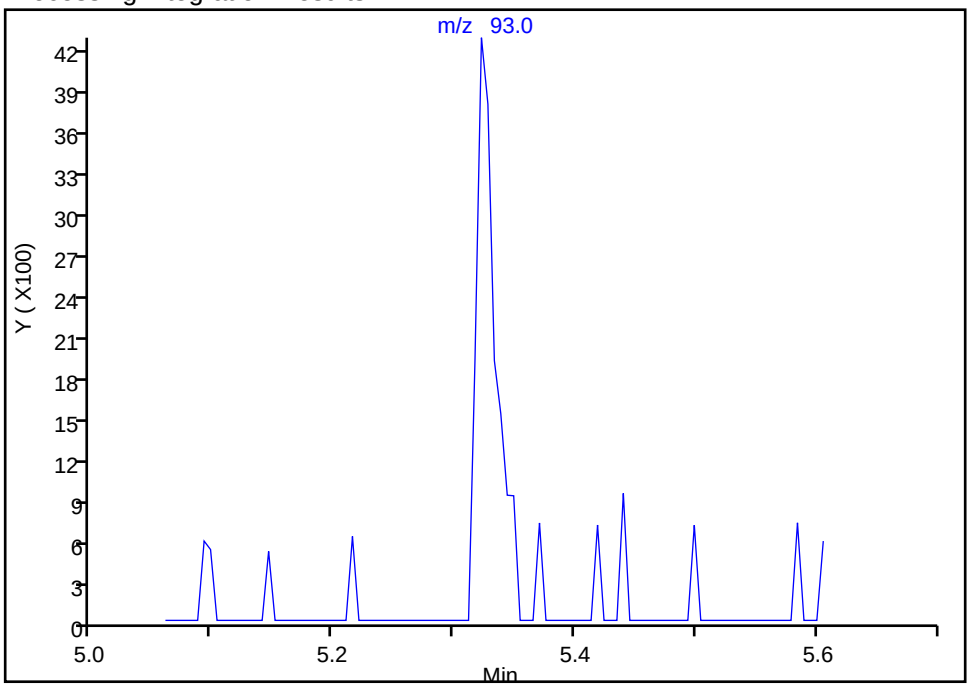
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A18_.D
Injection Date: 24-Jan-2022 20:08:30 Instrument ID: TAC051
Lims ID: STD2
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

38 Bis(2-chloroethoxy)methane, CAS: 111-91-1

Signal: 1

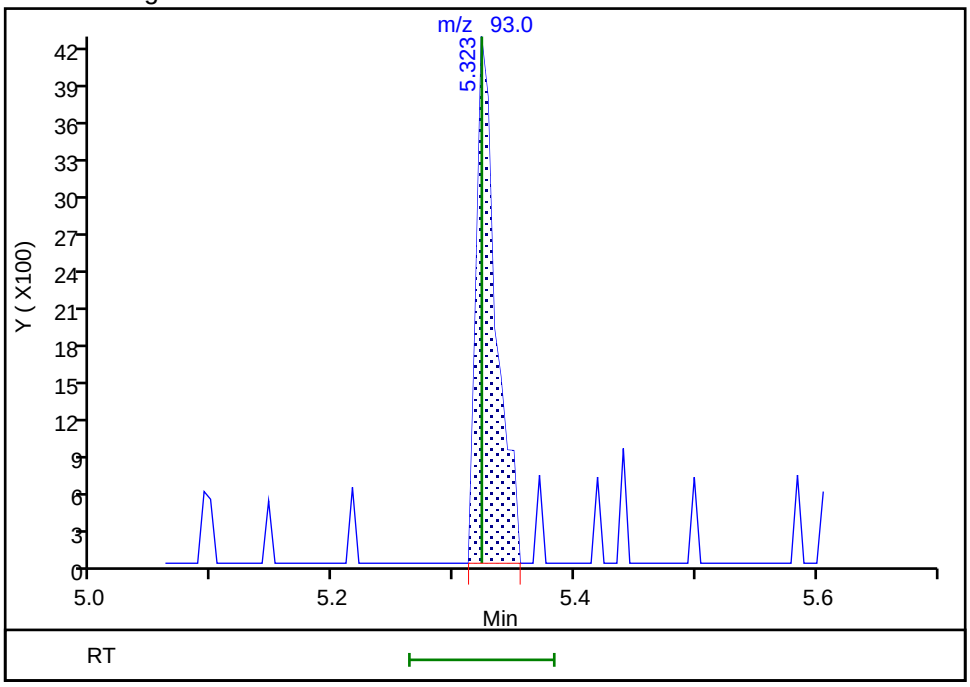
Not Detected
Expected RT: 5.32

Processing Integration Results



Manual Integration Results

RT: 5.32
Area: 4852
Amount: 16.646377
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 15:08:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Seattle

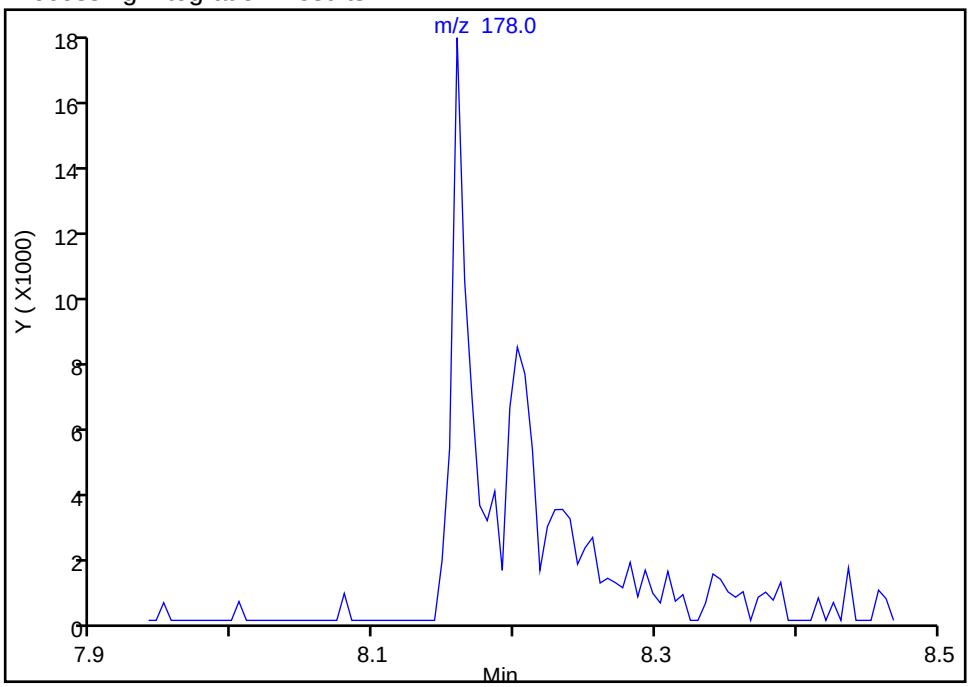
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A18_.D
Injection Date: 24-Jan-2022 20:08:30 Instrument ID: TAC051
Lims ID: STD2
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

81 Anthracene, CAS: 120-12-7

Signal: 1

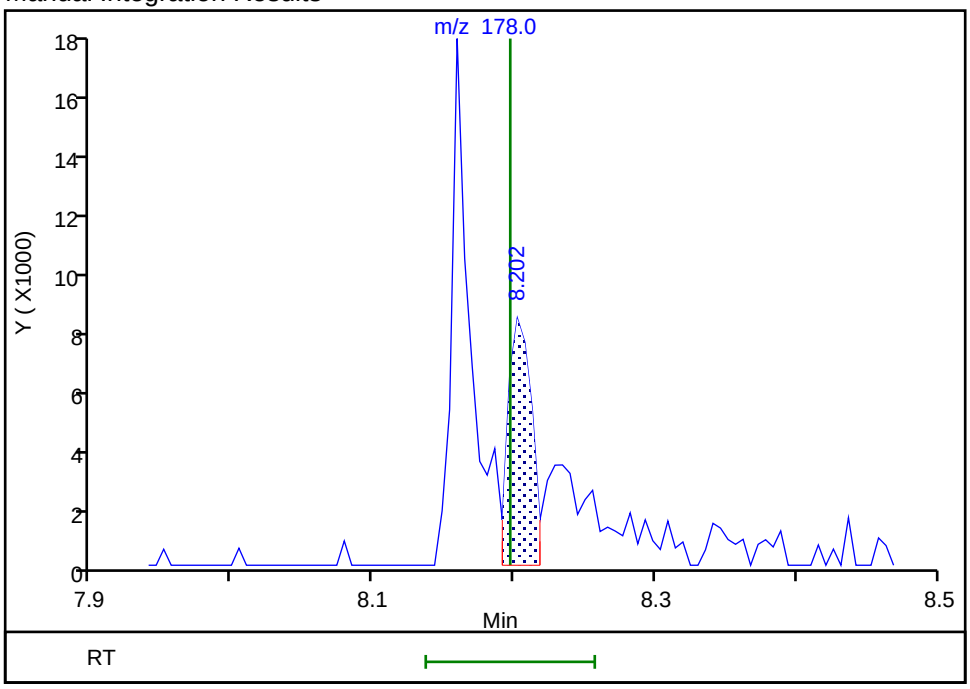
Not Detected
Expected RT: 8.20

Processing Integration Results



Manual Integration Results

RT: 8.20
Area: 9538
Amount: 19.376864
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:34:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

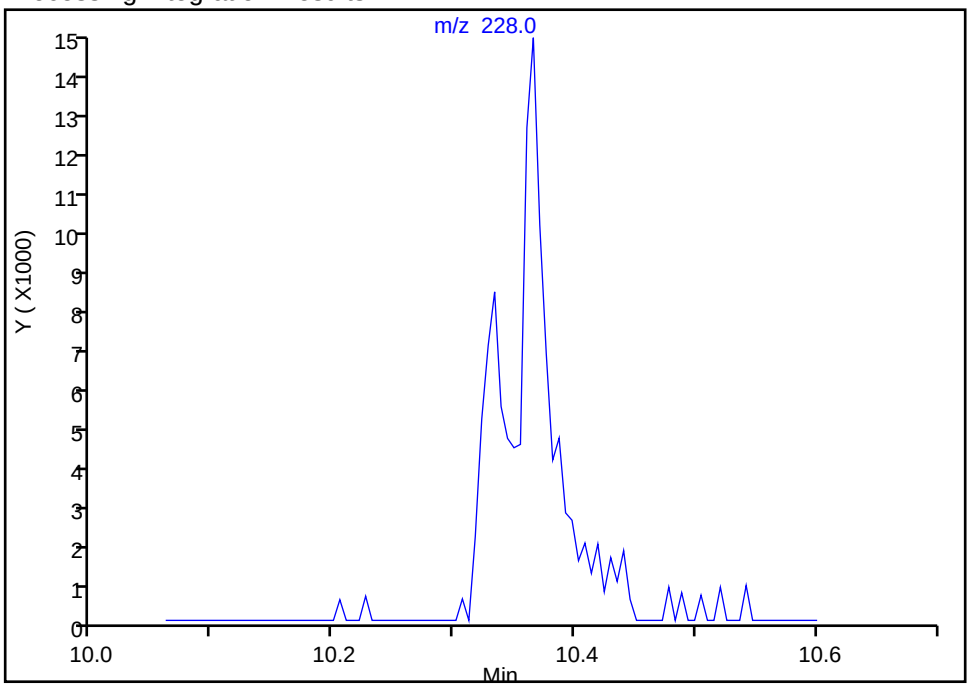
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A18_.D
Injection Date: 24-Jan-2022 20:08:30 Instrument ID: TAC051
Lims ID: STD2
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

97 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

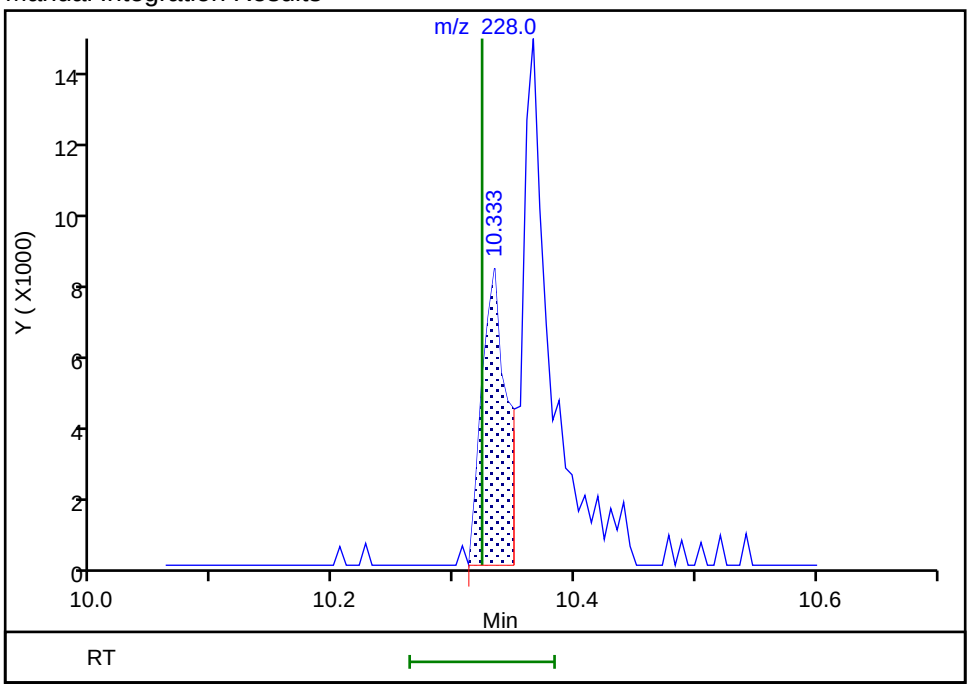
Not Detected
Expected RT: 10.32

Processing Integration Results



Manual Integration Results

RT: 10.33
Area: 11529
Amount: 23.907867
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:34:36
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

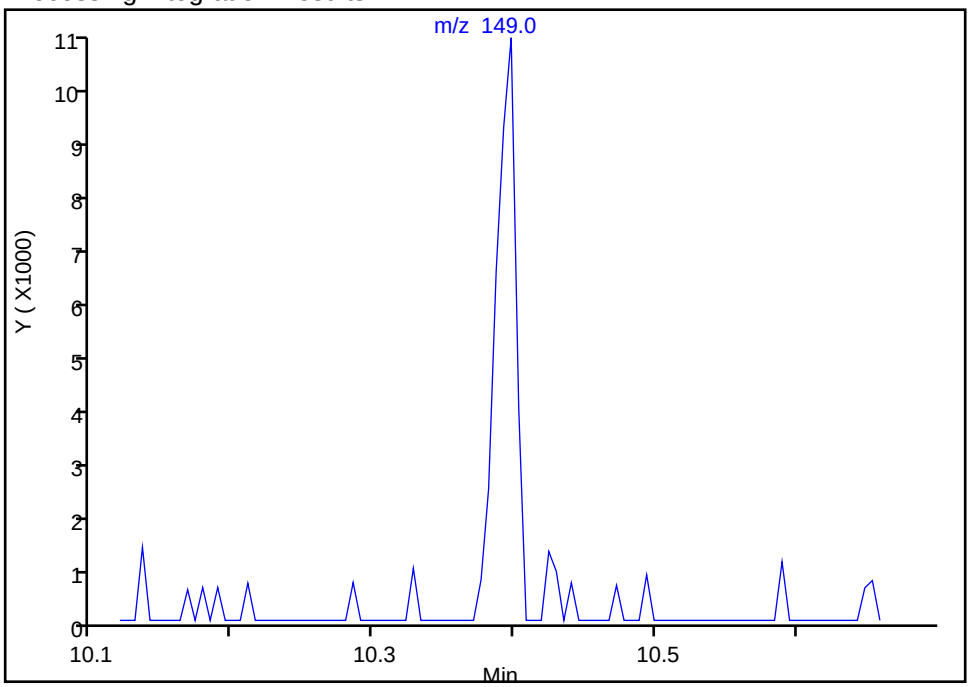
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A18_.D
Injection Date: 24-Jan-2022 20:08:30 Instrument ID: TAC051
Lims ID: STD2
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

98 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7

Signal: 1

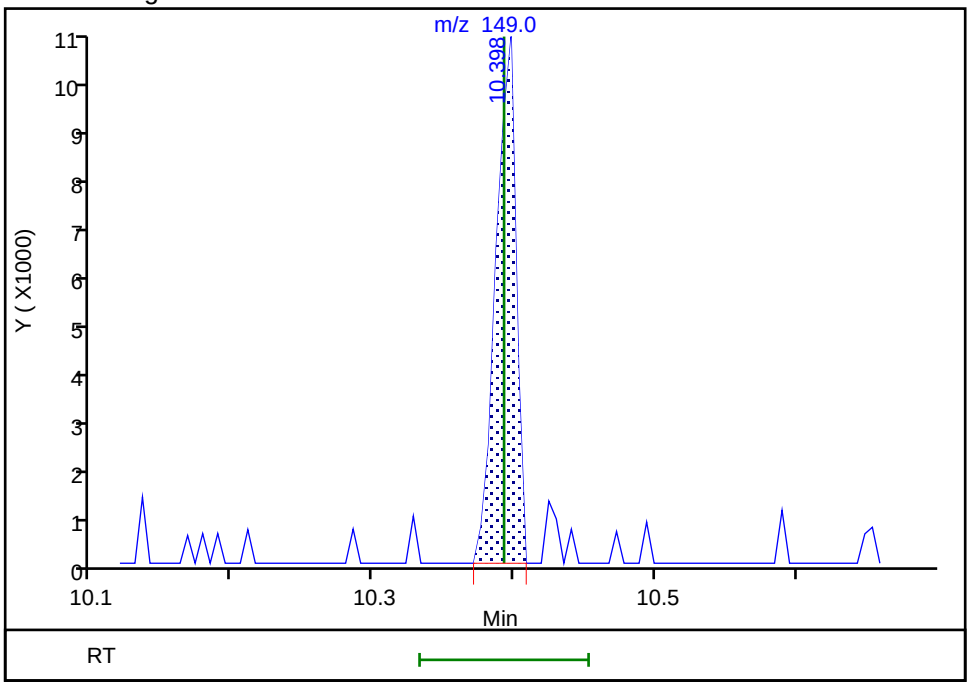
Not Detected
Expected RT: 10.39

Processing Integration Results



Manual Integration Results

RT: 10.40
Area: 10145
Amount: 20.547476
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:34:43
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

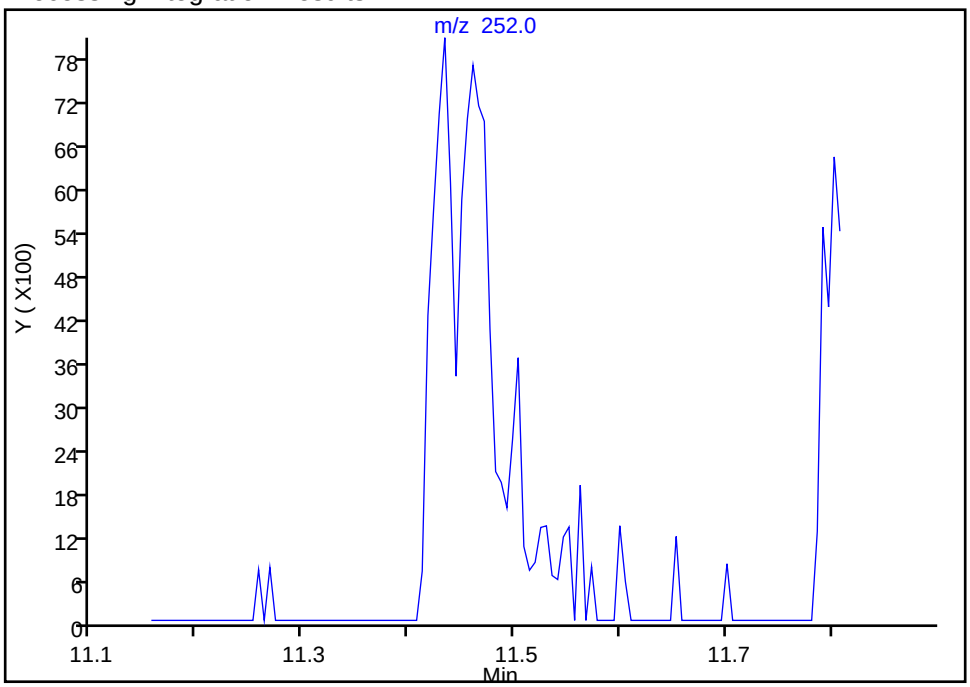
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A18_.D
Injection Date: 24-Jan-2022 20:08:30 Instrument ID: TAC051
Lims ID: STD2
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

102 Benzofluoranthene, CAS: 56832-73-6

Signal: 1

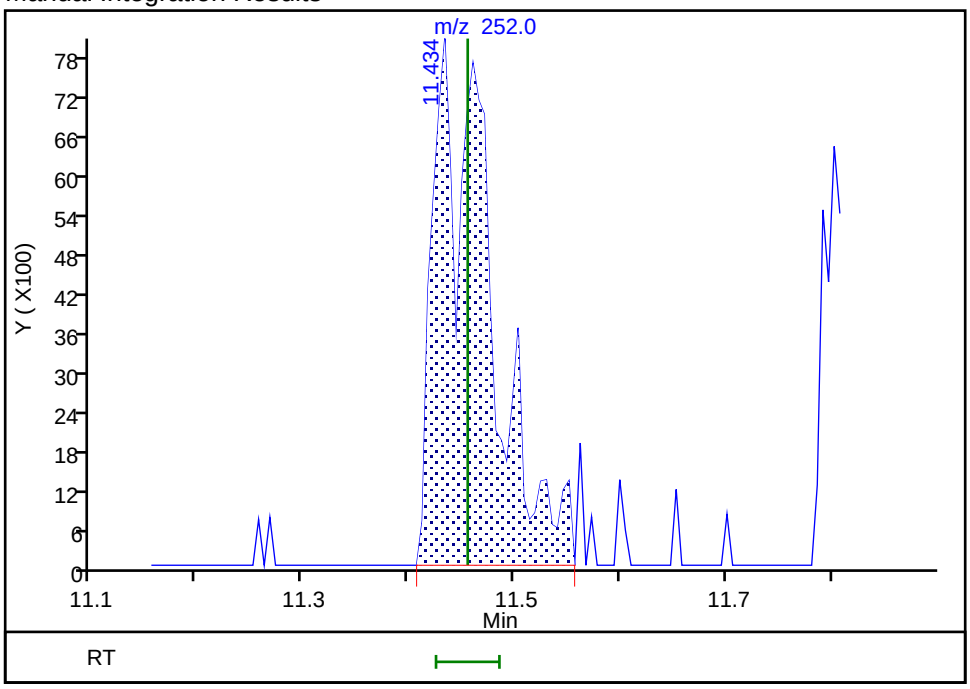
Not Detected
Expected RT: 11.46

Processing Integration Results



Manual Integration Results

RT: 11.43
Area: 30007
Amount: 44.086950
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:34:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

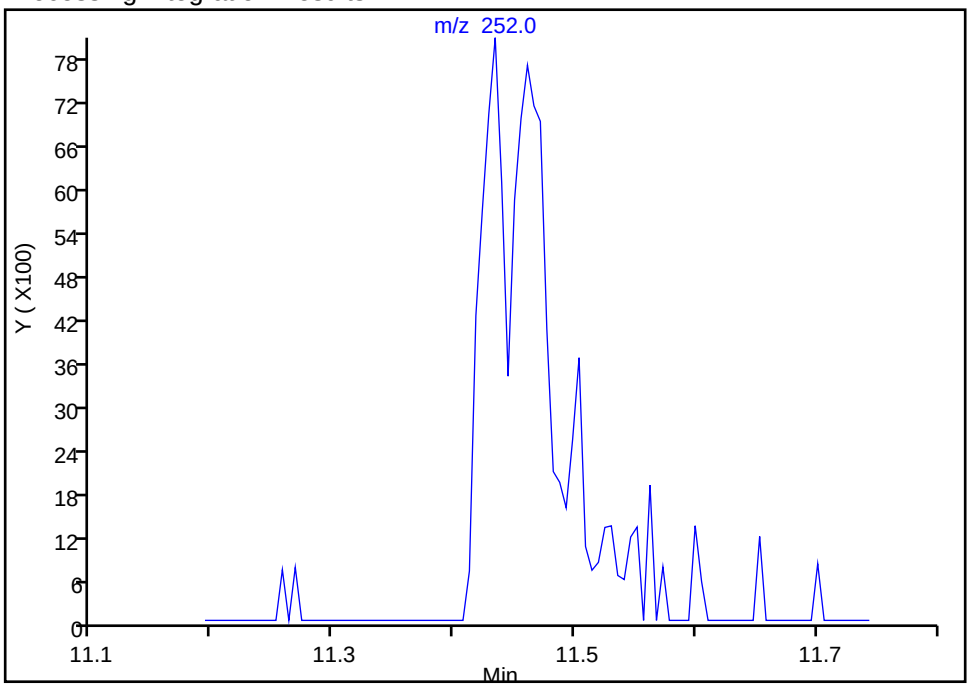
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A18_.D
Injection Date: 24-Jan-2022 20:08:30 Instrument ID: TAC051
Lims ID: STD2
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

103 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

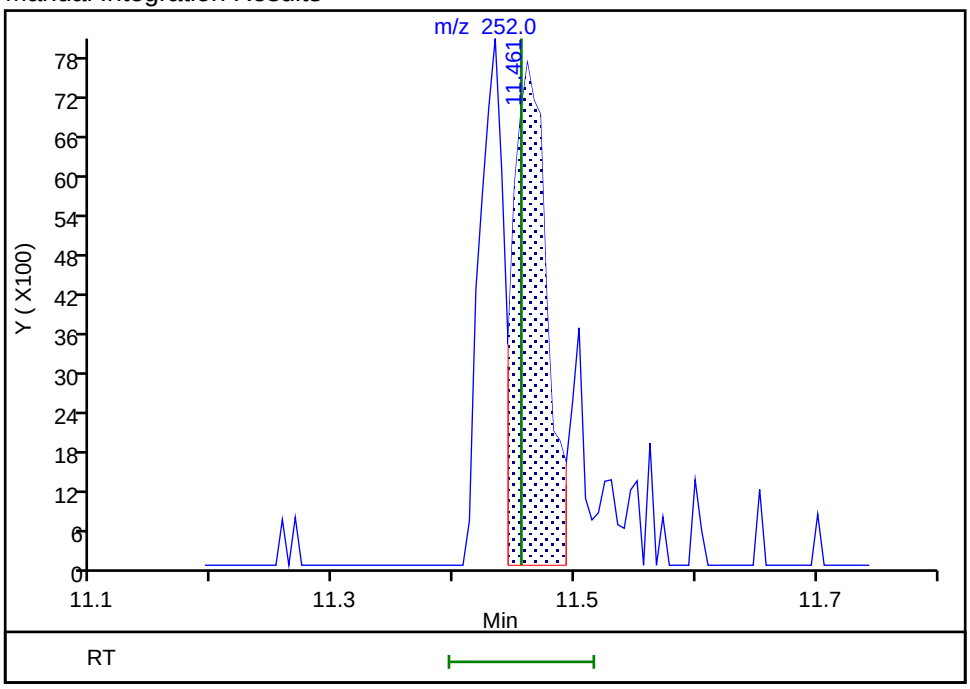
Not Detected
Expected RT: 11.46

Processing Integration Results



Manual Integration Results

RT: 11.46
Area: 15142
Amount: 20.364581
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:34:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

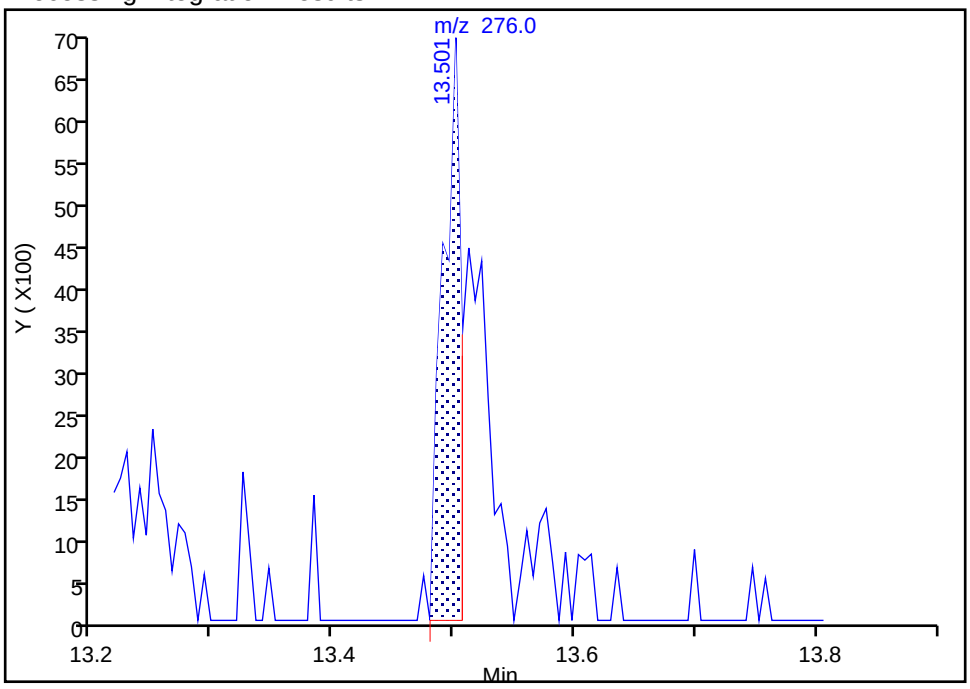
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A18_.D
Injection Date: 24-Jan-2022 20:08:30 Instrument ID: TAC051
Lims ID: STD2
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

107 Benzo[g,h,i]perylene, CAS: 191-24-2

Signal: 1

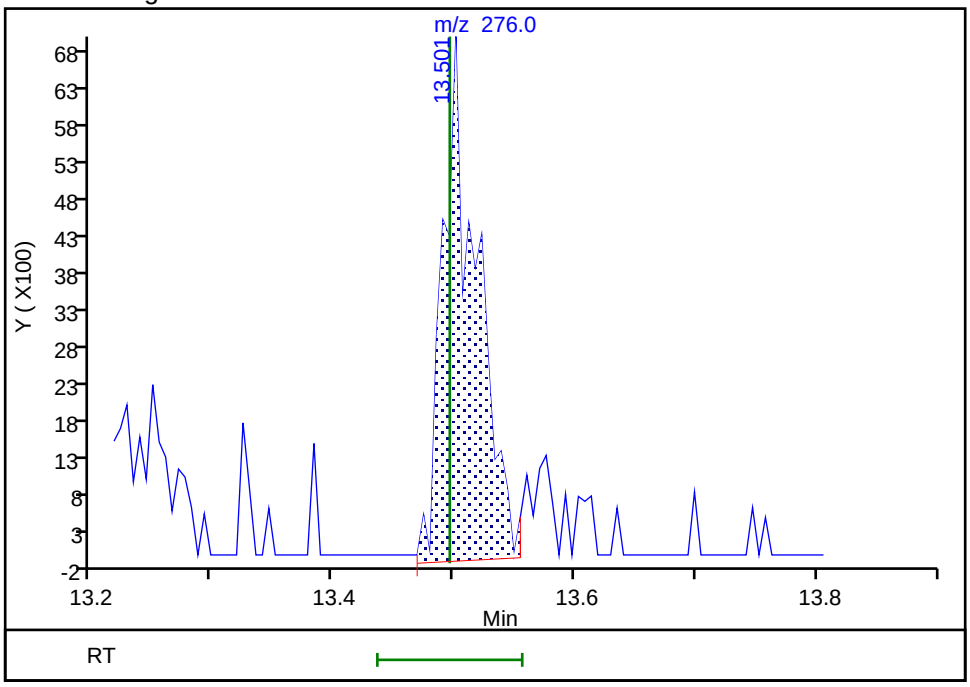
Processing Integration Results

RT: 13.50
Area: 7055
Amount: 16.152259
Amount Units: ug/L



Manual Integration Results

RT: 13.50
Area: 13798
Amount: 22.978969
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:35:19
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 24-Jan-2022 20:31:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 1
Operator ID: TL Instrument ID: TAC051
Sublist: chrom-8270 TAC051*sub34

Method: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 28-Jan-2022 17:07:15 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: limmere Date: 26-Jan-2022 13:59:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.490	4.489	0.001	85	28063	100.0	100.0	
* 2 Naphthalene-d8	136	5.500	5.499	0.001	95	102392	100.0	100.0	
* 3 Acenaphthene-d10	164	6.926	6.925	0.001	84	41597	100.0	100.0	
* 4 Phenanthrene-d10	188	8.144	8.138	0.006	76	50974	100.0	100.0	
* 5 Chrysene-d12	240	10.340	10.334	0.006	76	41671	100.0	100.0	
* 6 Perylene-d12	264	11.868	11.862	0.006	80	53713	100.0	100.0	
$ 8 Phenol-d5	99	4.218	4.212	0.006	13	2646	10.0	7.61	
$ 9 Nitrobenzene-d5	82	4.934	4.928	0.006	27	1979	10.0	8.12	
$ 10 2-methylnaphthalene-d10	152	6.056	6.055	0.001	0	6906	NC	NC	
$ 11 2-Fluorobiphenyl	172	6.392	6.386	0.006	6	6419	10.0	11.6	
$ 13 Fluoranthene-d10 (Surr)	212	9.117	9.116	0.001	0	6513	NC	NC	
19 Phenol	94	4.223	4.222	0.001	1	2386	10.0	8.47	
18 Aniline	93	4.239	4.238	0.001	1	1362	10.0	9.65	
21 2-Chlorophenol	128	4.325	4.324	0.001	23	3140	10.0	9.24	
22 n-Decane	57	4.373	4.377	-0.004	18	2806	10.0	12.7	
23 1,3-Dichlorobenzene	146	4.448	4.447	0.001	30	4574	10.0	11.3	
25 1,4-Dichlorobenzene	146	4.506	4.505	0.001	43	5549	10.0	12.6	
27 1,2-Dichlorobenzene	146	4.619	4.623	-0.004	33	4632	10.0	11.3	
28 2-Methylphenol	108	4.699	4.692	0.007	16	2004	10.0	8.51	
30 Acetophenone	105	4.811	4.810	0.001	27	4164	10.0	11.7	
31 N-Nitrosodi-n-propylamine	70	4.822	4.815	0.007	4	1197	10.0	8.56	
32 3 & 4 Methylphenol	108	4.822	4.821	0.001	10	1350	10.0	11.6	
35 Isophorone	82	5.142	5.136	0.006	53	4301	10.0	10.4	
37 2,4-Dimethylphenol	107	5.249	5.243	0.006	2	1700	10.0	10.7	
38 Bis(2-chloroethoxy)methane	93	5.324	5.323	0.001	45	2800	10.0	10.8	
40 2,4-Dichlorophenol	162	5.398	5.392	0.006	1	1005	10.0	20.3	
41 1,2,4-Trichlorobenzene	180	5.463	5.456	0.007	1	3183	10.0	10.2	
42 Naphthalene	128	5.516	5.515	0.001	35	11849	10.0	9.66	
43 4-Chloroaniline	127	5.580	5.569	0.011	1	1191	10.0	28.1	
44 2,6-Dichlorophenol	162	5.580	5.574	0.006	1	776	10.0	7.97	
45 Hexachlorobutadiene	225	5.623	5.622	0.001	6	2375	10.0	12.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
47 2-Methylnaphthalene	142	6.082	6.081	0.001	25	7132	10.0	10.7	
48 1-Methylnaphthalene	142	6.162	6.156	0.006	29	6222	10.0	9.82	
50 1,2,4,5-Tetrachlorobenzene	216	6.216	6.215	0.001	1	1741	10.0	0.1954	
54 1,1'-Biphenyl	154	6.467	6.461	0.006	23	6895	10.0	11.4	
55 2-Chloronaphthalene	162	6.483	6.471	0.012	1	4352	10.0	9.18	
60 Acenaphthylene	152	6.814	6.808	0.006	38	9229	10.0	10.8	
62 Acenaphthene	153	6.953	6.952	0.001	41	5365	10.0	11.0	
70 4-Chlorophenyl phenyl ether	204	7.391	7.385	0.006	1	1057	10.0	4.66	
74 Azobenzene	77	7.519	7.513	0.006	1	1688	10.0	9.80	
75 4-Bromophenyl phenyl ether	248	7.802	7.786	0.016	1	1207	10.0	20.5	
79 n-Octadecane	57	8.080	8.085	-0.005	5	1032	10.0	7.95	
80 Phenanthrene	178	8.160	8.160	0.001	1	7355	10.0	10.4	
81 Anthracene	178	8.208	8.197	0.011	1	1967	10.0	10.7	
85 Fluoranthene	202	9.143	9.132	0.011	14	7321	10.0	12.1	
89 Pyrene	202	9.320	9.313	0.007	66	9646	10.0	13.3	
99 Chrysene	228	10.361	10.360	0.001	16	5585	10.0	-1.76	
101 Benzo[b]fluoranthene	252	11.424	11.424	0.000	22	2829	10.0	7.06	
102 Benzofluoranthene	252	11.456	11.456	0.000	1	15165	20.0	23.0	
103 Benzo[k]fluoranthene	252	11.456	11.456	0.000	1	8752	10.0	12.1	
104 Benzo[a]pyrene	252	11.798	11.792	0.006	16	2640	10.0	9.62	
106 Dibenz(a,h)anthracene	278	13.209	13.208	0.001	1	1159	10.0	15.9	
107 Benzo[g,h,i]perylene	276	13.508	13.496	0.012	15	5131	10.0	11.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

8270SIM_IS_00069	Amount Added: 8.00	Units: uL
8270ccvl_50_00039	Amount Added: 200.00	Units: uL

Report Date: 28-Jan-2022 17:07:16 Chrom Revision: 2.3 18-Jan-2022 20:25:40

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Injection Date: 24-Jan-2022 20:31:30 Instrument ID: TAC051

Lims ID: STD1

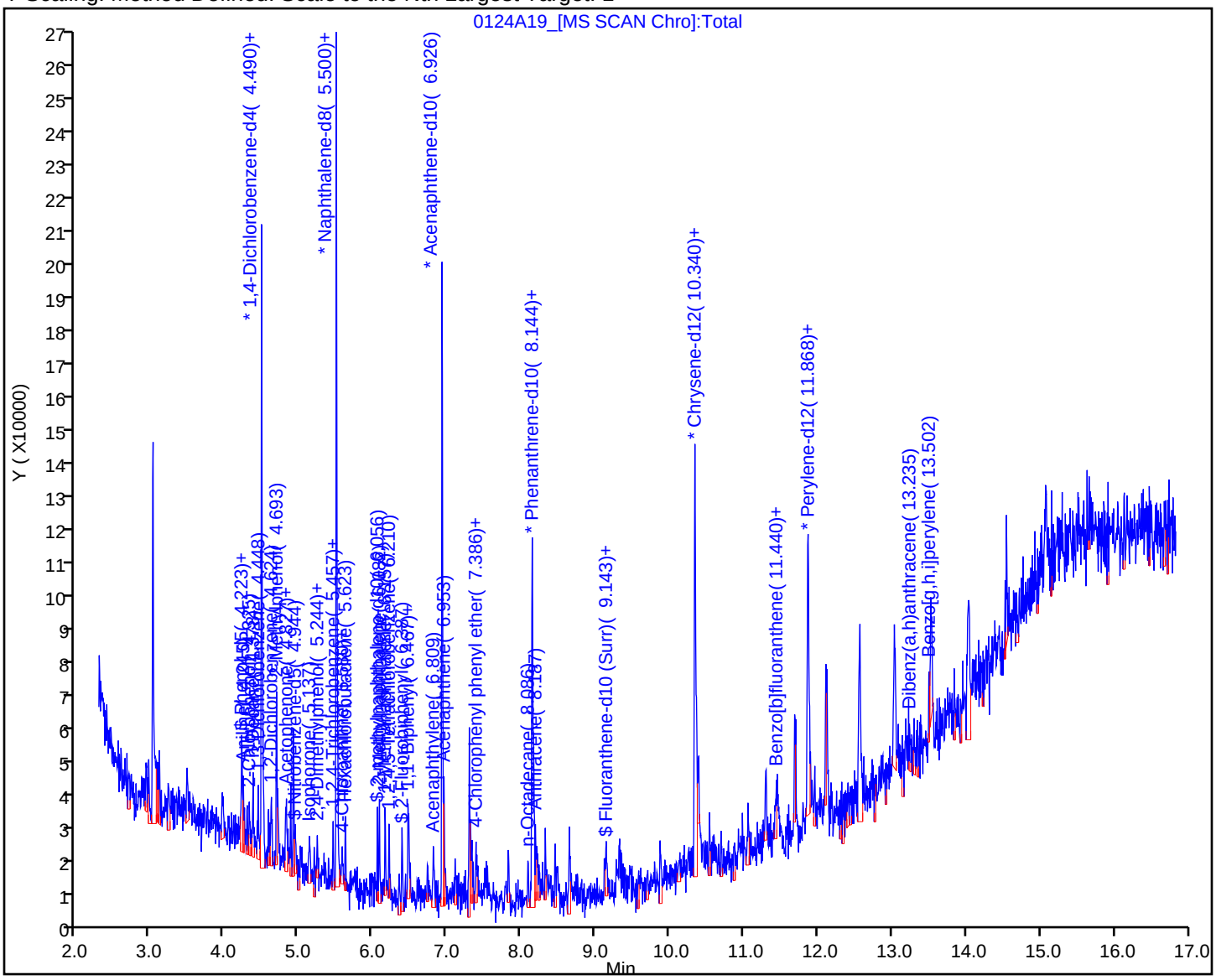
Client ID:

Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

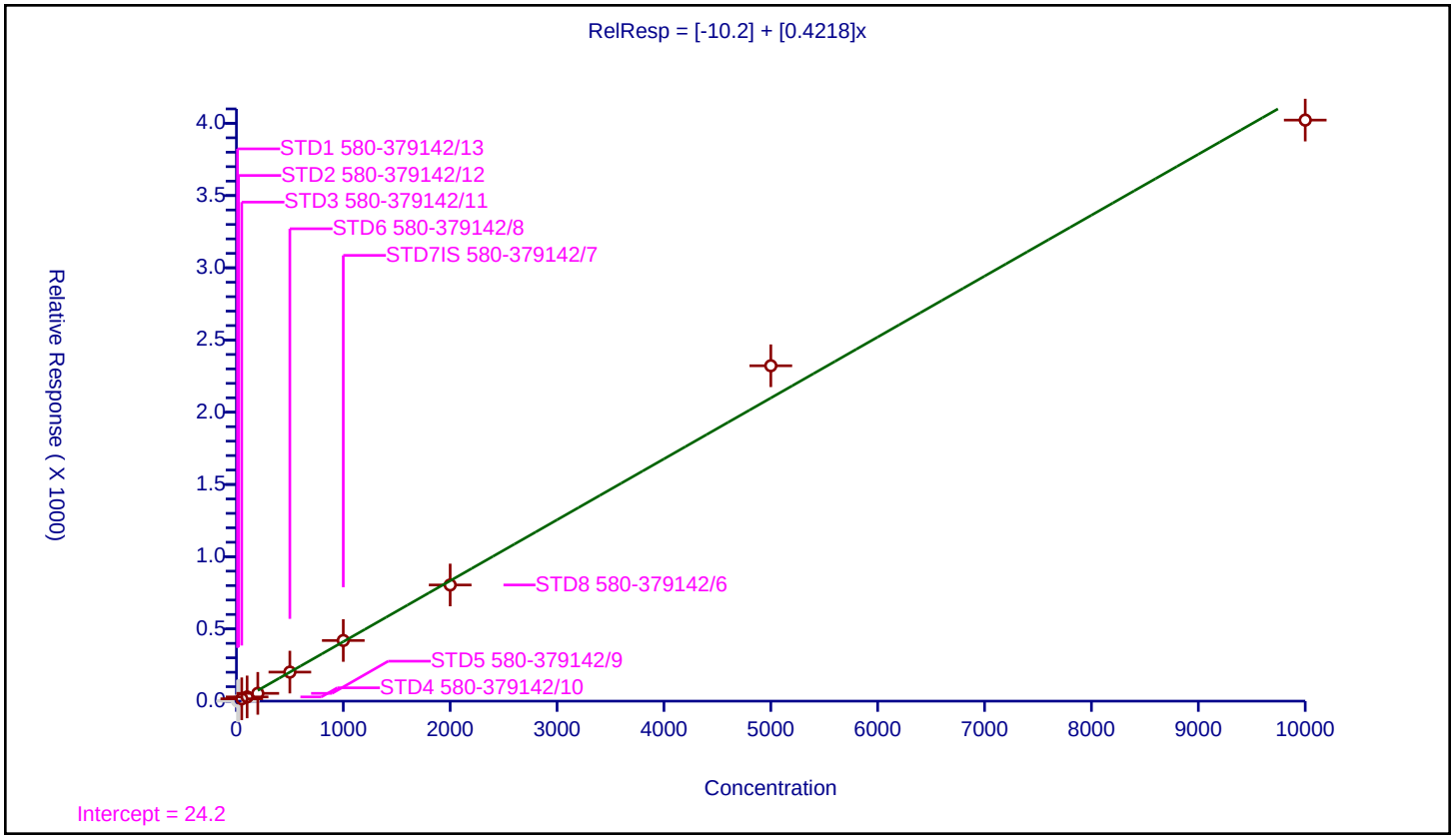
Curve Coefficients

Intercept:	-10.2
Slope:	0.4218

Error Coefficients

Standard Error:	671000
Relative Standard Error:	15.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	28063.0	0.0	N
2	STD2 580-379142/12	20.0	3.75685	100.0	31569.0	0.187843	N
3	STD3 580-379142/11	50.0	16.31277	100.0	33814.0	0.326255	Y
4	STD4 580-379142/10	100.0	29.190256	100.0	34443.0	0.291903	Y
5	STD5 580-379142/9	200.0	53.962481	100.0	32997.0	0.269812	Y
6	STD6 580-379142/8	500.0	201.043473	100.0	32296.0	0.402087	Y
7	STD7IS 580-379142/7	1000.0	419.850473	100.0	32770.0	0.41985	Y
8	STD8 580-379142/6	2000.0	804.234022	100.0	33467.0	0.402117	Y
9	STD9 580-379142/5	5000.0	2321.778069	100.0	32046.0	0.464356	Y
10	STD10 580-379142/4	10000.0	4022.611055	100.0	35748.0	0.402261	Y



Calibration / Pyridine

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

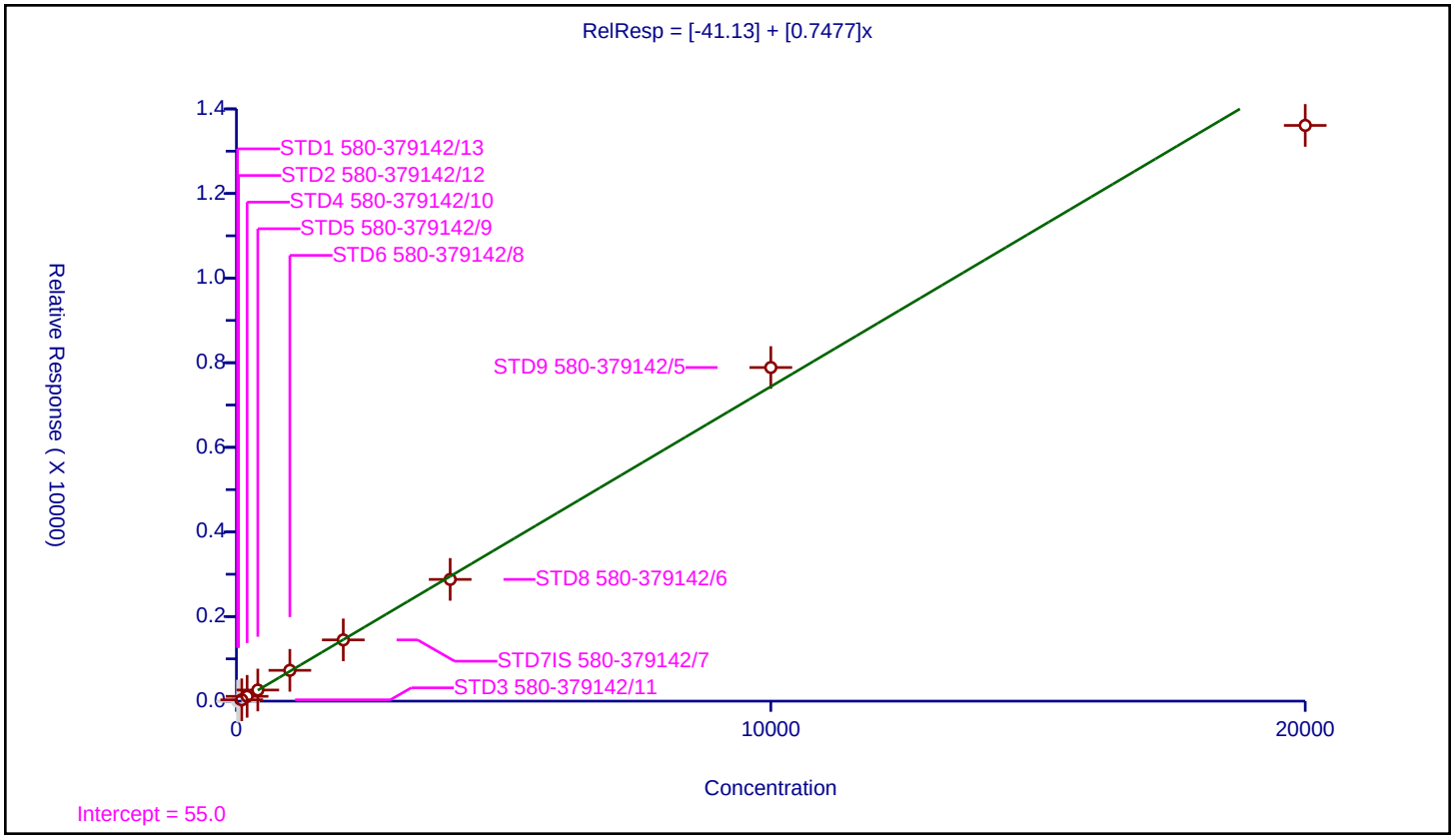
Curve Coefficients

Intercept:	-41.13
Slope:	0.7477

Error Coefficients

Standard Error:	2280000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	20.0	0.0	100.0	28063.0	0.0	N
2	STD2 580-379142/12	40.0	0.0	100.0	31569.0	0.0	N
3	STD3 580-379142/11	100.0	31.874372	100.0	33814.0	0.318744	Y
4	STD4 580-379142/10	200.0	113.637023	100.0	34443.0	0.568185	Y
5	STD5 580-379142/9	400.0	262.645089	100.0	32997.0	0.656613	Y
6	STD6 580-379142/8	1000.0	727.963215	100.0	32296.0	0.727963	Y
7	STD7IS 580-379142/7	2000.0	1447.49466	100.0	32770.0	0.723747	Y
8	STD8 580-379142/6	4000.0	2877.805002	100.0	33467.0	0.719451	Y
9	STD9 580-379142/5	10000.0	7886.394558	100.0	32046.0	0.788639	Y
10	STD10 580-379142/4	20000.0	13609.424303	100.0	35748.0	0.680471	Y



Calibration / 2-Fluorophenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

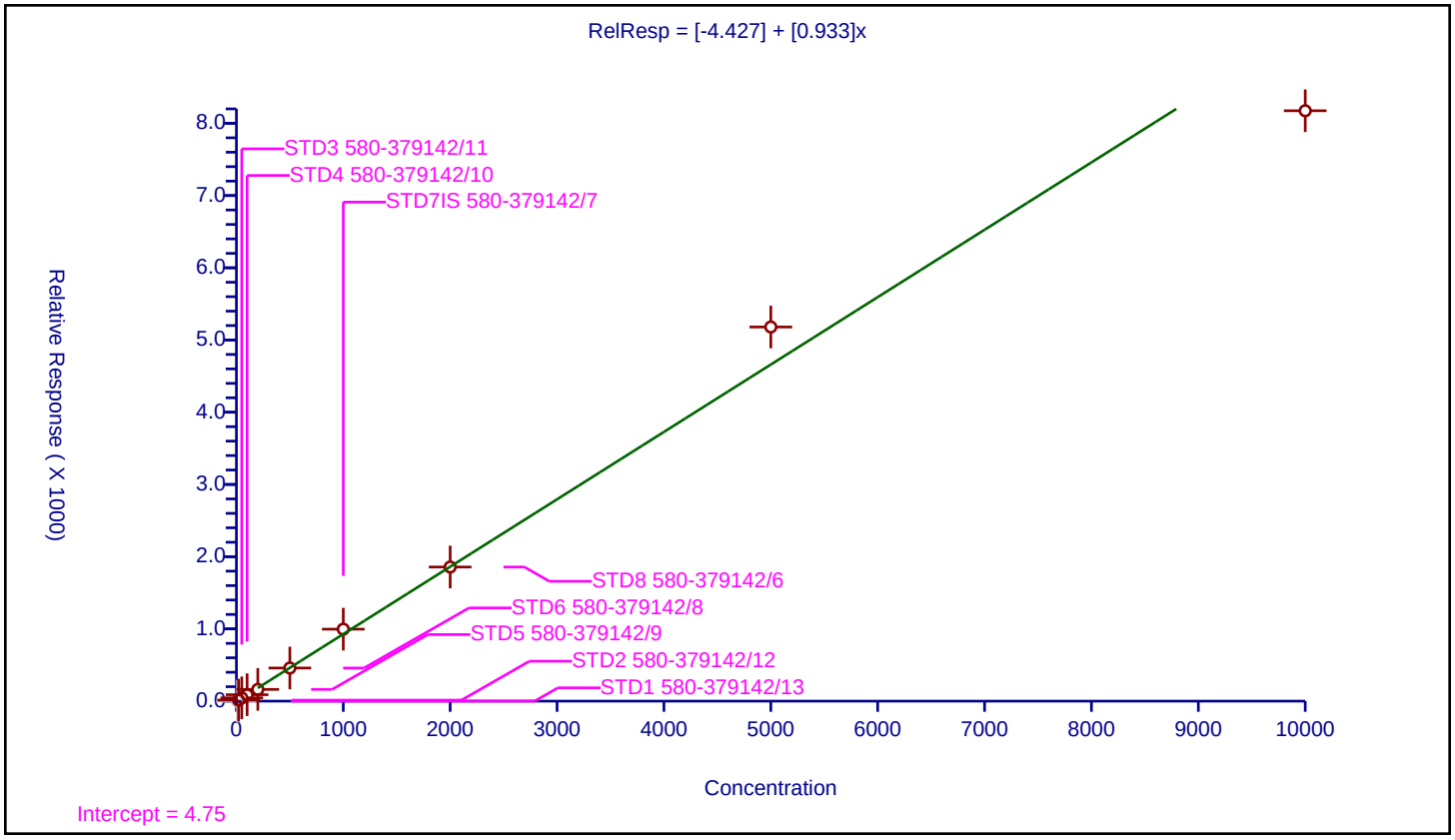
Curve Coefficients

Intercept:	-4.427
Slope:	0.933

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	8.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	28063.0	0.0	N
2	STD2 580-379142/12	20.0	13.849029	100.0	31569.0	0.692451	Y
3	STD3 580-379142/11	50.0	45.634944	100.0	33814.0	0.912699	Y
4	STD4 580-379142/10	100.0	89.13277	100.0	34443.0	0.891328	Y
5	STD5 580-379142/9	200.0	162.317786	100.0	32997.0	0.811589	Y
6	STD6 580-379142/8	500.0	458.403517	100.0	32296.0	0.916807	Y
7	STD7IS 580-379142/7	1000.0	996.747025	100.0	32770.0	0.996747	Y
8	STD8 580-379142/6	2000.0	1856.873936	100.0	33467.0	0.928437	Y
9	STD9 580-379142/5	5000.0	5180.184734	100.0	32046.0	1.036037	Y
10	STD10 580-379142/4	10000.0	8174.342621	100.0	35748.0	0.817434	Y



Calibration / Phenol-d5

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

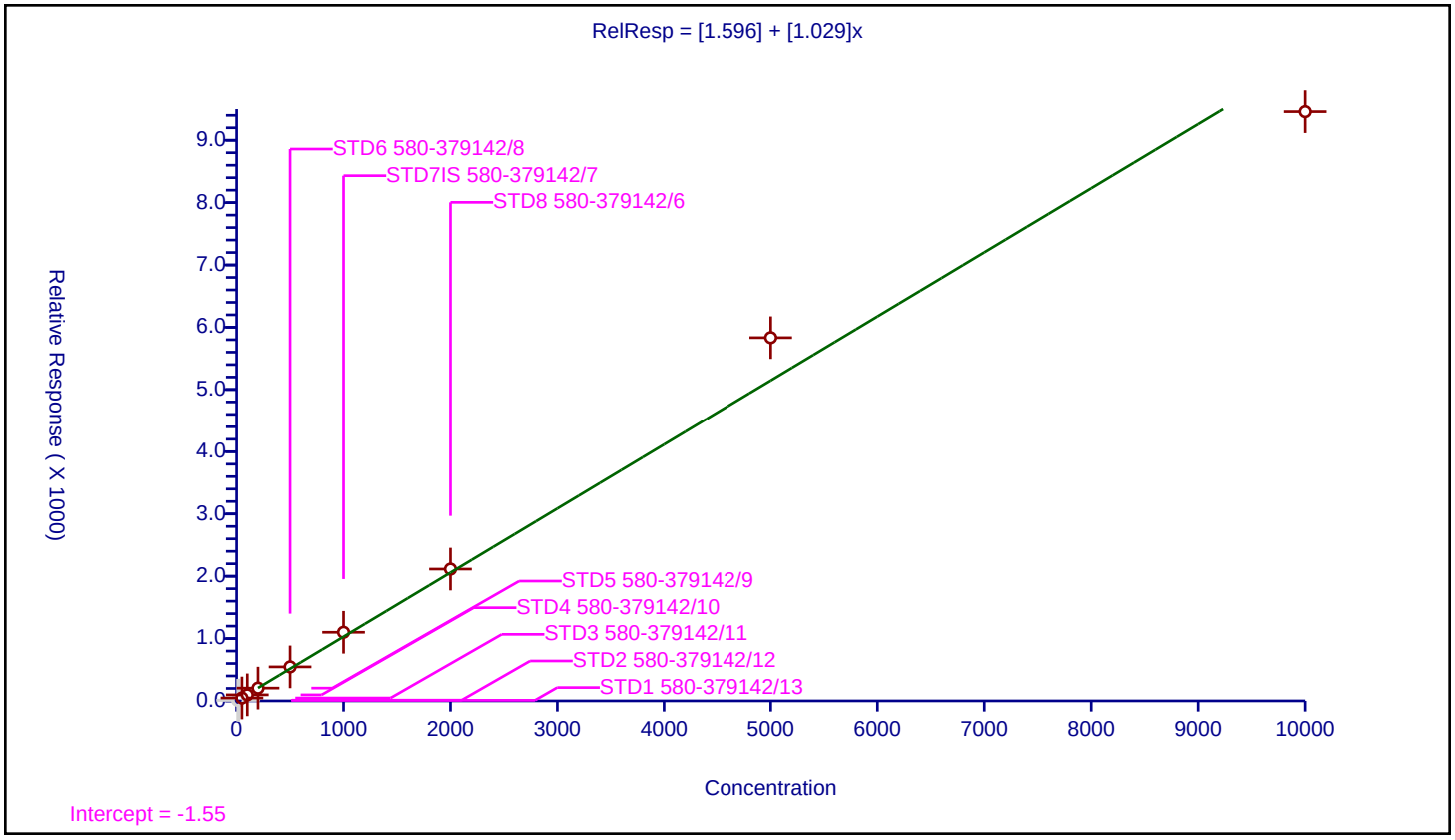
Curve Coefficients

Intercept:	1.596
Slope:	1.029

Error Coefficients

Standard Error:	1610000
Relative Standard Error:	9.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	9.428785	100.0	28063.0	0.942879	N
2	STD2 580-379142/12	20.0	12.458424	100.0	31569.0	0.622921	N
3	STD3 580-379142/11	50.0	46.601999	100.0	33814.0	0.93204	Y
4	STD4 580-379142/10	100.0	96.995035	100.0	34443.0	0.96995	Y
5	STD5 580-379142/9	200.0	205.267145	100.0	32997.0	1.026336	Y
6	STD6 580-379142/8	500.0	545.925192	100.0	32296.0	1.09185	Y
7	STD7IS 580-379142/7	1000.0	1101.031431	100.0	32770.0	1.101031	Y
8	STD8 580-379142/6	2000.0	2114.859414	100.0	33467.0	1.05743	Y
9	STD9 580-379142/5	5000.0	5833.31461	100.0	32046.0	1.166663	Y
10	STD10 580-379142/4	10000.0	9458.965537	100.0	35748.0	0.945897	Y



Calibration / Phenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

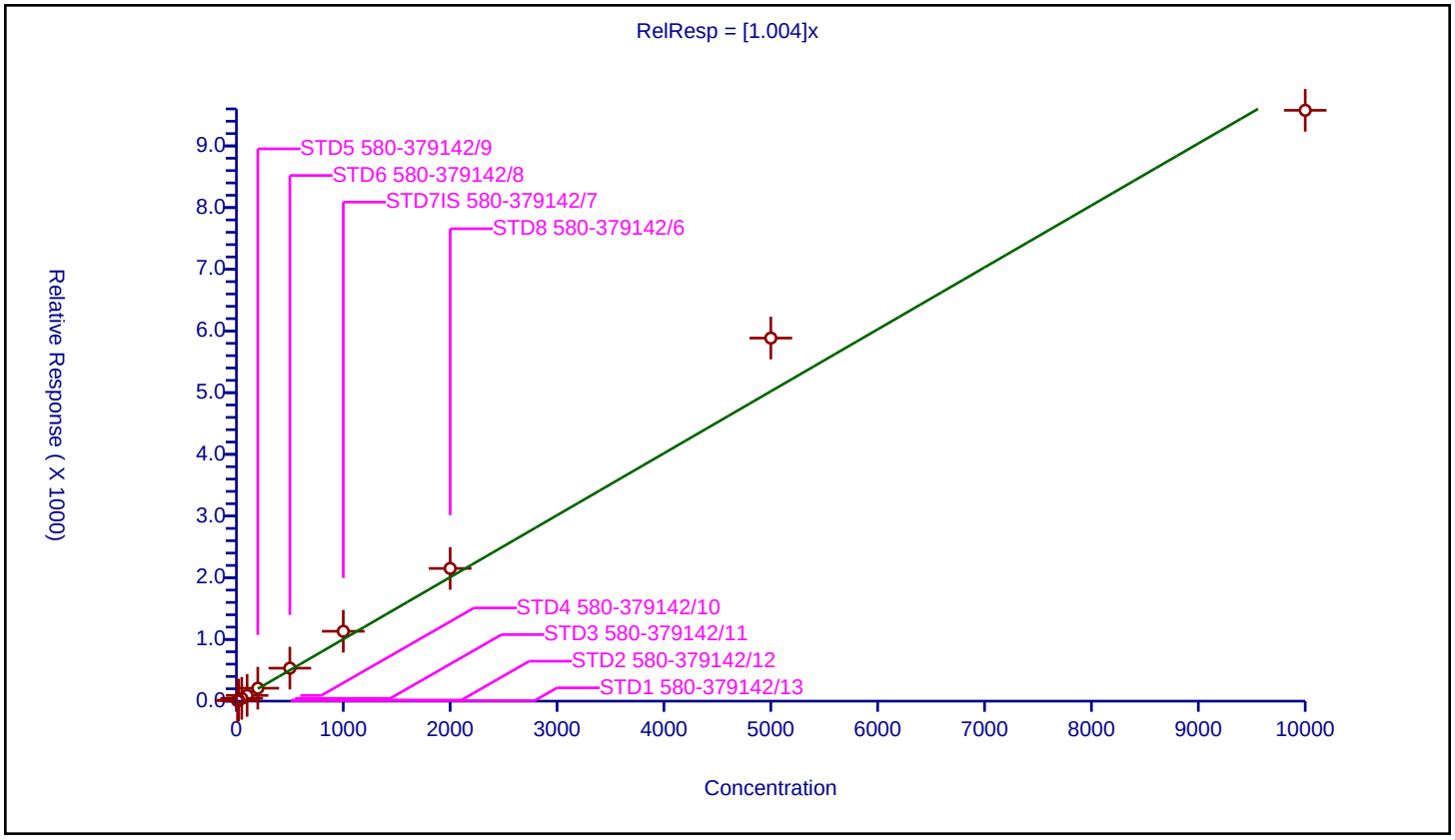
Curve Coefficients

Intercept:	0
Slope:	1.004

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	11.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	8.502298	100.0	28063.0	0.85023	Y
2	STD2 580-379142/12	20.0	17.878298	100.0	31569.0	0.893915	Y
3	STD3 580-379142/11	50.0	45.623115	100.0	33814.0	0.912462	Y
4	STD4 580-379142/10	100.0	92.58485	100.0	34443.0	0.925849	Y
5	STD5 580-379142/9	200.0	209.906961	100.0	32997.0	1.049535	Y
6	STD6 580-379142/8	500.0	534.512014	100.0	32296.0	1.069024	Y
7	STD7IS 580-379142/7	1000.0	1132.541959	100.0	32770.0	1.132542	Y
8	STD8 580-379142/6	2000.0	2150.94272	100.0	33467.0	1.075471	Y
9	STD9 580-379142/5	5000.0	5884.82806	100.0	32046.0	1.176966	Y
10	STD10 580-379142/4	10000.0	9577.291037	100.0	35748.0	0.957729	Y



Calibration / Aniline

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

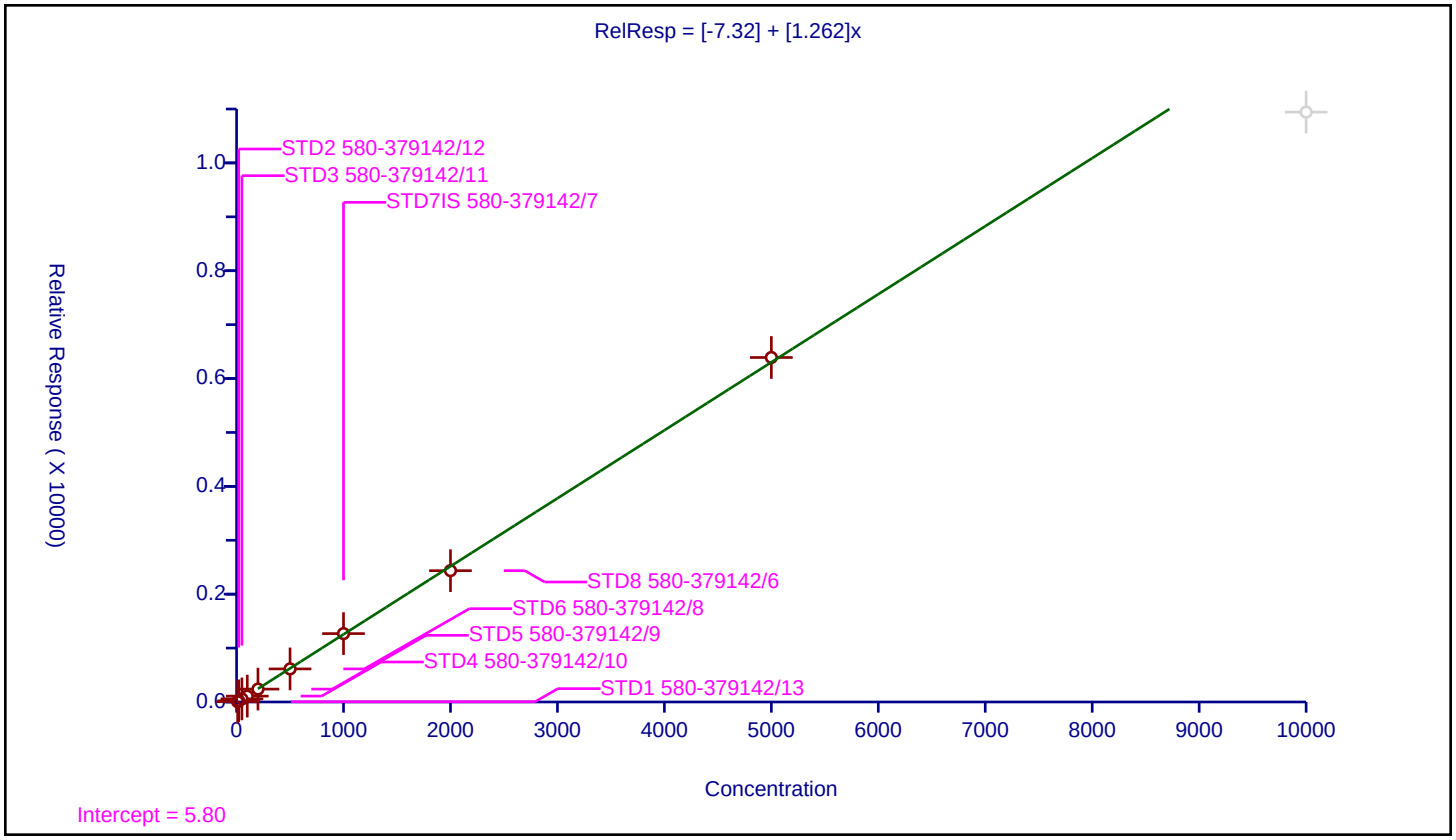
Curve Coefficients

Intercept:	-7.32
Slope:	1.262

Error Coefficients

Standard Error:	849000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	4.853366	100.0	28063.0	0.485337	Y
2	STD2 580-379142/12	20.0	21.533783	100.0	31569.0	1.076689	Y
3	STD3 580-379142/11	50.0	56.923168	100.0	33814.0	1.138463	Y
4	STD4 580-379142/10	100.0	108.887147	100.0	34443.0	1.088871	Y
5	STD5 580-379142/9	200.0	238.991423	100.0	32997.0	1.194957	Y
6	STD6 580-379142/8	500.0	613.642556	100.0	32296.0	1.227285	Y
7	STD7IS 580-379142/7	1000.0	1268.593226	100.0	32770.0	1.268593	Y
8	STD8 580-379142/6	2000.0	2436.286491	100.0	33467.0	1.218143	Y
9	STD9 580-379142/5	5000.0	6390.638457	100.0	32046.0	1.278128	Y
10	STD10 580-379142/4	10000.0	10942.547835	100.0	35748.0	1.094255	N



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

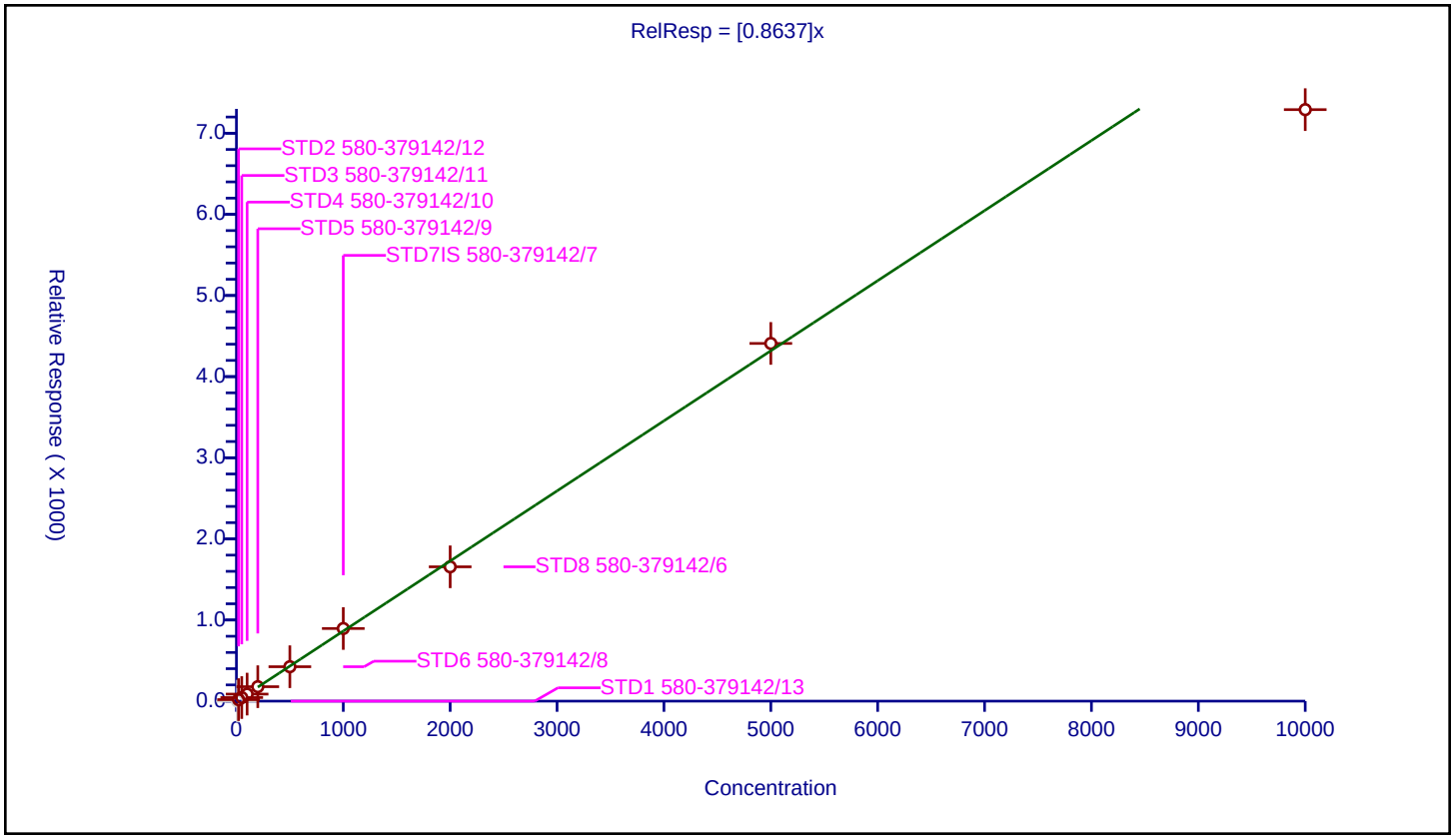
Curve Coefficients

Intercept:	0
Slope:	0.8637

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	7.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	28063.0	0.0	N
2	STD2 580-379142/12	20.0	19.021825	100.0	31569.0	0.951091	Y
3	STD3 580-379142/11	50.0	44.020228	100.0	33814.0	0.880405	Y
4	STD4 580-379142/10	100.0	86.926226	100.0	34443.0	0.869262	Y
5	STD5 580-379142/9	200.0	177.973755	100.0	32997.0	0.889869	Y
6	STD6 580-379142/8	500.0	424.467426	100.0	32296.0	0.848935	Y
7	STD7IS 580-379142/7	1000.0	895.382972	100.0	32770.0	0.895383	Y
8	STD8 580-379142/6	2000.0	1655.5861	100.0	33467.0	0.827793	Y
9	STD9 580-379142/5	5000.0	4409.083817	100.0	32046.0	0.881817	Y
10	STD10 580-379142/4	10000.0	7290.84704	100.0	35748.0	0.729085	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

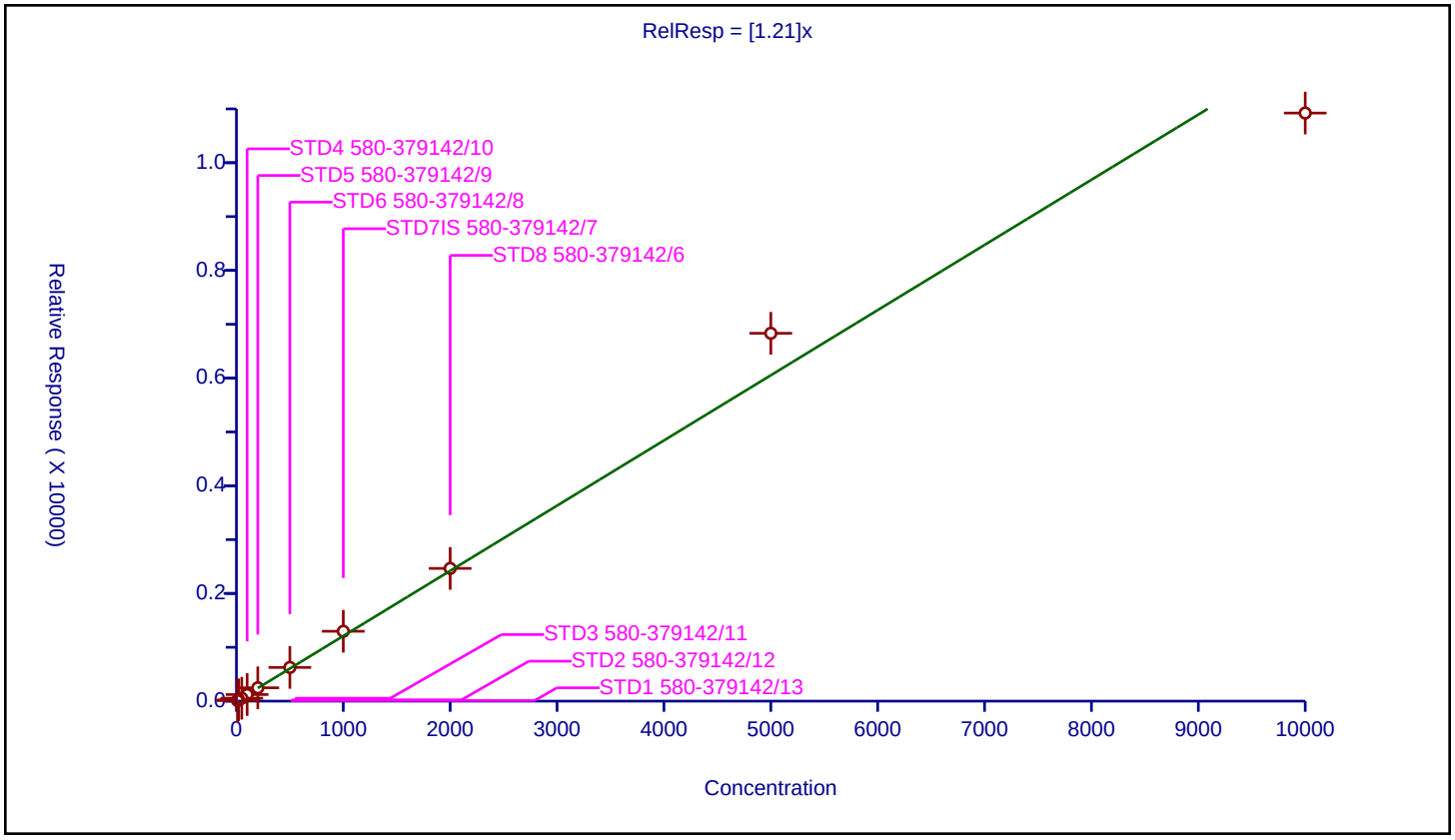
Curve Coefficients

Intercept:	0
Slope:	1.21

Error Coefficients

Standard Error:	1520000
Relative Standard Error:	7.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	11.18911	100.0	28063.0	1.118911	Y
2	STD2 580-379142/12	20.0	24.036238	100.0	31569.0	1.201812	Y
3	STD3 580-379142/11	50.0	54.013131	100.0	33814.0	1.080263	Y
4	STD4 580-379142/10	100.0	122.41094	100.0	34443.0	1.224109	Y
5	STD5 580-379142/9	200.0	247.761918	100.0	32997.0	1.23881	Y
6	STD6 580-379142/8	500.0	625.956775	100.0	32296.0	1.251914	Y
7	STD7IS 580-379142/7	1000.0	1297.760146	100.0	32770.0	1.29776	Y
8	STD8 580-379142/6	2000.0	2465.096961	100.0	33467.0	1.232548	Y
9	STD9 580-379142/5	5000.0	6832.078887	100.0	32046.0	1.366416	Y
10	STD10 580-379142/4	10000.0	10922.840439	100.0	35748.0	1.092284	Y



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

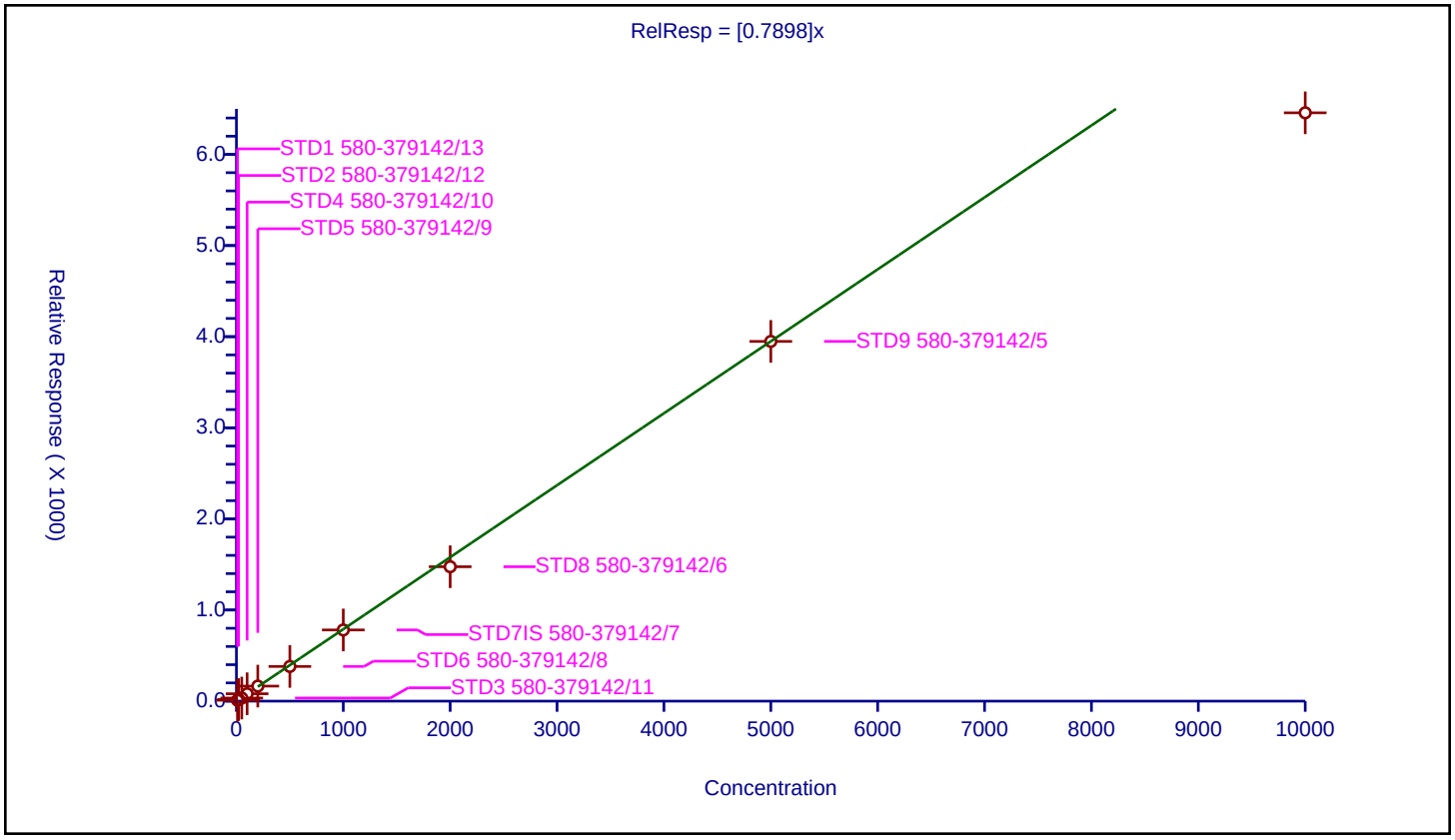
Curve Coefficients

Intercept:	0
Slope:	0.7898

Error Coefficients

Standard Error:	895000
Relative Standard Error:	12.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	9.998931	100.0	28063.0	0.999893	Y
2	STD2 580-379142/12	20.0	17.330292	100.0	31569.0	0.866515	Y
3	STD3 580-379142/11	50.0	33.917904	100.0	33814.0	0.678358	Y
4	STD4 580-379142/10	100.0	81.218245	100.0	34443.0	0.812182	Y
5	STD5 580-379142/9	200.0	165.099858	100.0	32997.0	0.825499	Y
6	STD6 580-379142/8	500.0	380.694204	100.0	32296.0	0.761388	Y
7	STD7IS 580-379142/7	1000.0	781.303021	100.0	32770.0	0.781303	Y
8	STD8 580-379142/6	2000.0	1475.196462	100.0	33467.0	0.737598	Y
9	STD9 580-379142/5	5000.0	3948.005991	100.0	32046.0	0.789601	Y
10	STD10 580-379142/4	10000.0	6457.122077	100.0	35748.0	0.645712	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

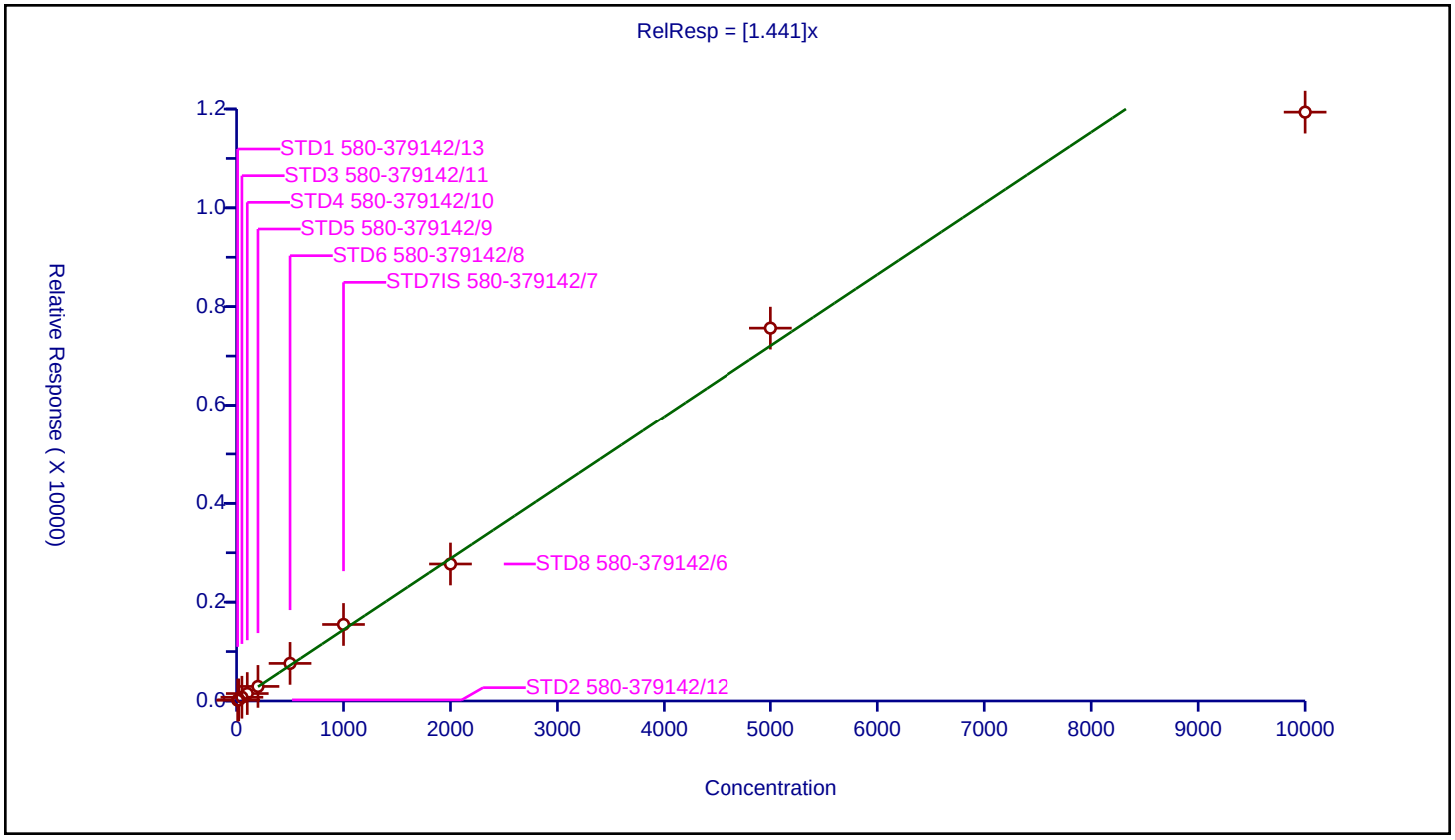
Curve Coefficients

Intercept:	0
Slope:	1.441

Error Coefficients

Standard Error:	1670000
Relative Standard Error:	11.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	16.299041	100.0	28063.0	1.629904	Y
2	STD2 580-379142/12	20.0	22.398556	100.0	31569.0	1.119928	Y
3	STD3 580-379142/11	50.0	75.977406	100.0	33814.0	1.519548	Y
4	STD4 580-379142/10	100.0	150.849229	100.0	34443.0	1.508492	Y
5	STD5 580-379142/9	200.0	294.714671	100.0	32997.0	1.473573	Y
6	STD6 580-379142/8	500.0	760.762943	100.0	32296.0	1.521526	Y
7	STD7IS 580-379142/7	1000.0	1548.410131	100.0	32770.0	1.54841	Y
8	STD8 580-379142/6	2000.0	2772.674575	100.0	33467.0	1.386337	Y
9	STD9 580-379142/5	5000.0	7565.611933	100.0	32046.0	1.513122	Y
10	STD10 580-379142/4	10000.0	11936.947522	100.0	35748.0	1.193695	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

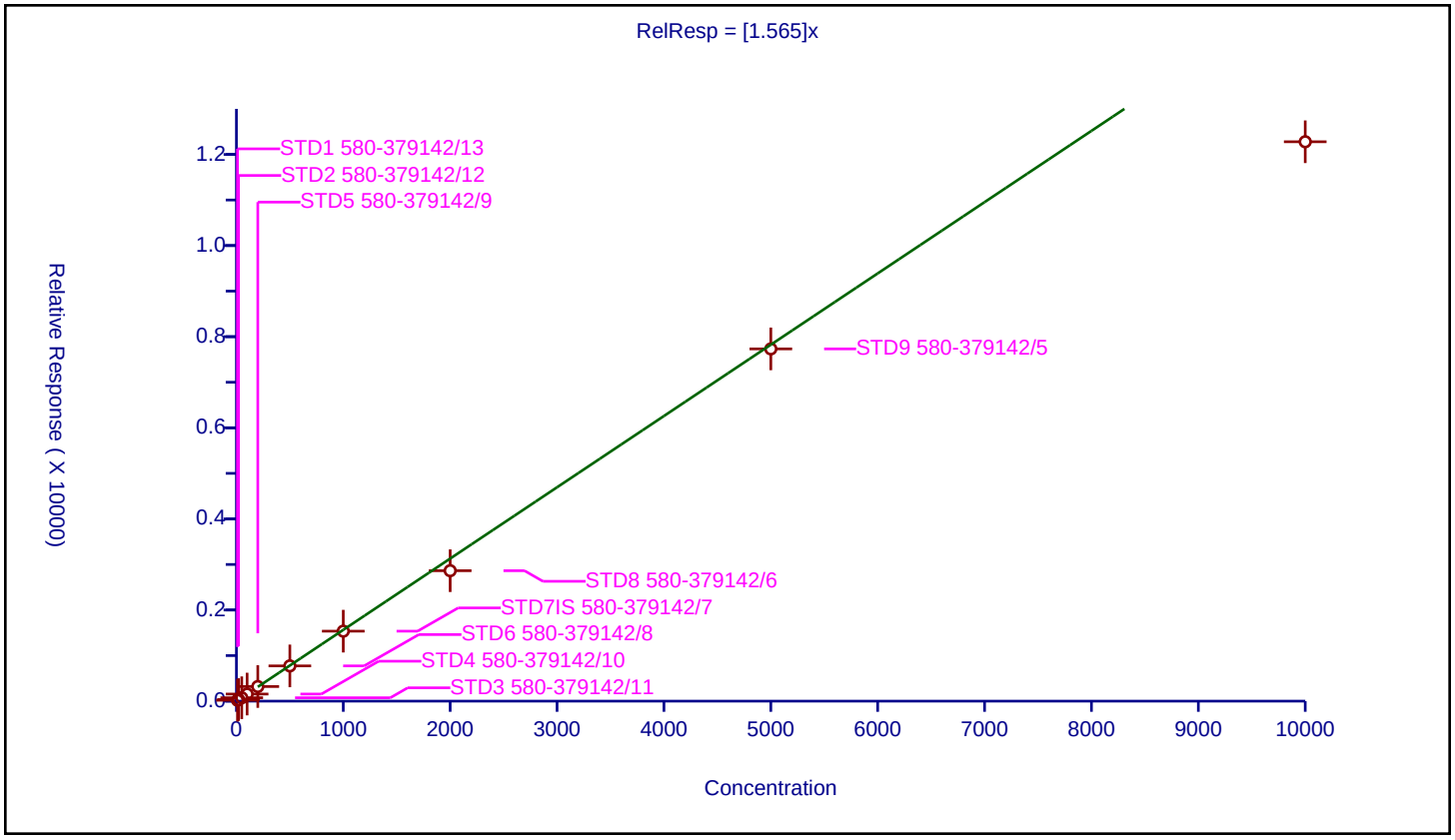
Curve Coefficients

Intercept:	0
Slope:	1.565

Error Coefficients

Standard Error:	1710000
Relative Standard Error:	12.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	19.773367	100.0	28063.0	1.977337	Y
2	STD2 580-379142/12	20.0	34.606734	100.0	31569.0	1.730337	Y
3	STD3 580-379142/11	50.0	74.398178	100.0	33814.0	1.487964	Y
4	STD4 580-379142/10	100.0	155.906861	100.0	34443.0	1.559069	Y
5	STD5 580-379142/9	200.0	320.486711	100.0	32997.0	1.602434	Y
6	STD6 580-379142/8	500.0	774.006069	100.0	32296.0	1.548012	Y
7	STD7IS 580-379142/7	1000.0	1536.325908	100.0	32770.0	1.536326	Y
8	STD8 580-379142/6	2000.0	2862.969492	100.0	33467.0	1.431485	Y
9	STD9 580-379142/5	5000.0	7731.67322	100.0	32046.0	1.546335	Y
10	STD10 580-379142/4	10000.0	12278.530267	100.0	35748.0	1.227853	Y



Calibration / Benzyl alcohol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

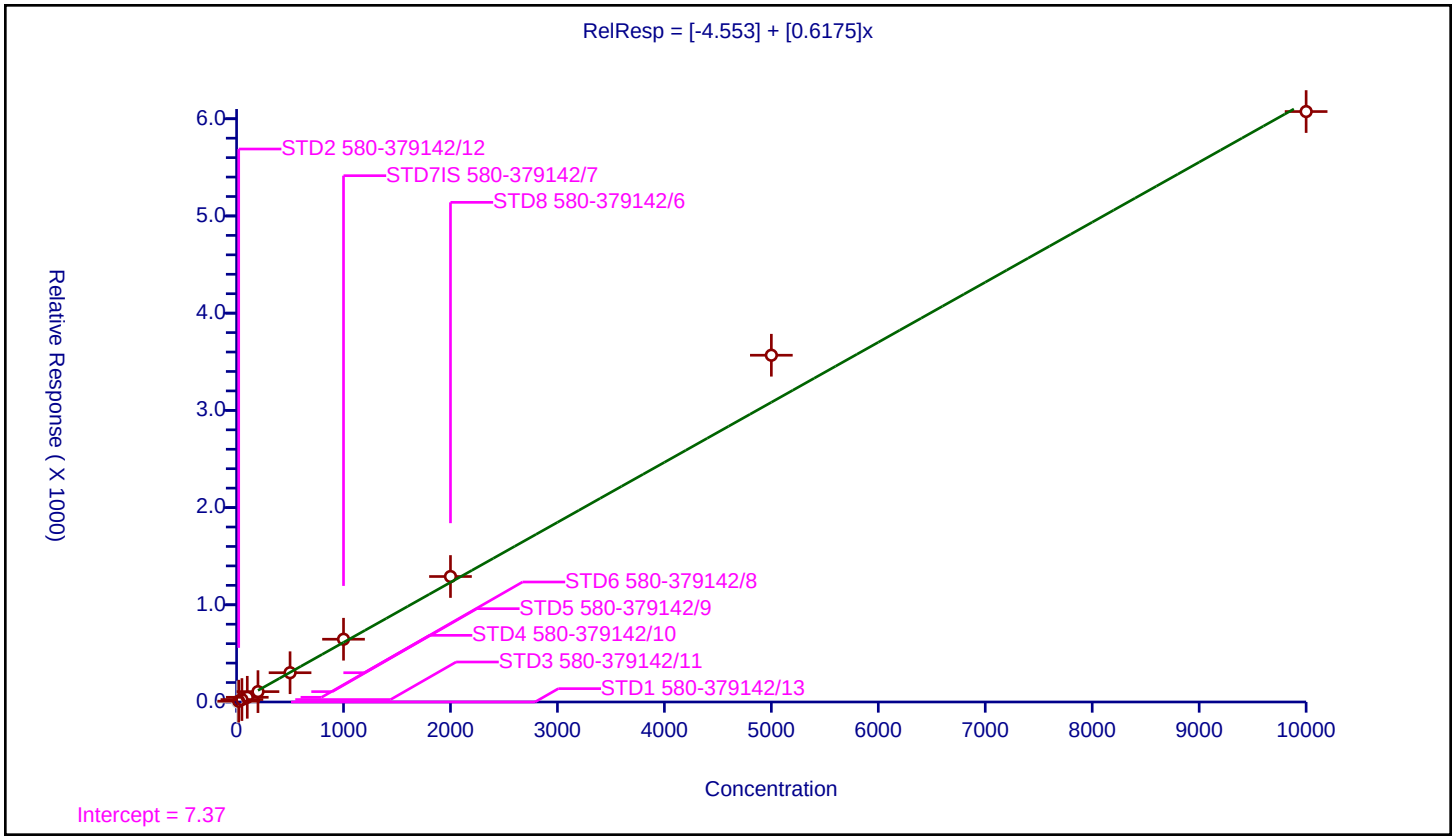
Curve Coefficients

Intercept:	-4.553
Slope:	0.6175

Error Coefficients

Standard Error:	943000
Relative Standard Error:	9.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	28063.0	0.0	N
2	STD2 580-379142/12	20.0	8.470335	100.0	31569.0	0.423517	Y
3	STD3 580-379142/11	50.0	24.974862	100.0	33814.0	0.499497	Y
4	STD4 580-379142/10	100.0	48.3088	100.0	34443.0	0.483088	Y
5	STD5 580-379142/9	200.0	106.658181	100.0	32997.0	0.533291	Y
6	STD6 580-379142/8	500.0	301.130171	100.0	32296.0	0.60226	Y
7	STD7IS 580-379142/7	1000.0	645.498932	100.0	32770.0	0.645499	Y
8	STD8 580-379142/6	2000.0	1290.826785	100.0	33467.0	0.645413	Y
9	STD9 580-379142/5	5000.0	3567.144105	100.0	32046.0	0.713429	Y
10	STD10 580-379142/4	10000.0	6074.00414	100.0	35748.0	0.6074	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

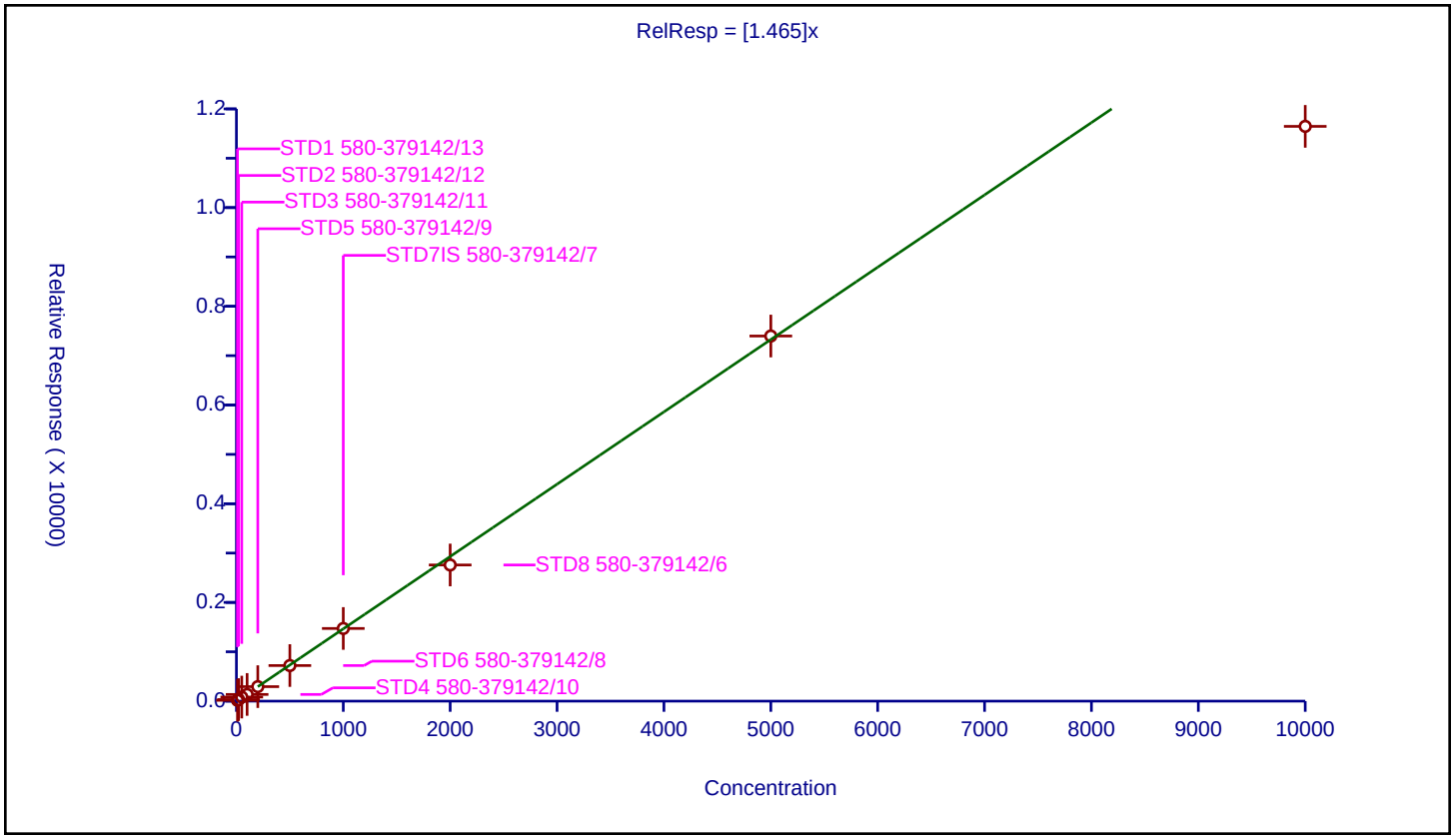
Curve Coefficients

Intercept:	0
Slope:	1.465

Error Coefficients

Standard Error:	1630000
Relative Standard Error:	10.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	16.505719	100.0	28063.0	1.650572	Y
2	STD2 580-379142/12	20.0	31.822357	100.0	31569.0	1.591118	Y
3	STD3 580-379142/11	50.0	82.241084	100.0	33814.0	1.644822	Y
4	STD4 580-379142/10	100.0	135.937636	100.0	34443.0	1.359376	Y
5	STD5 580-379142/9	200.0	293.690335	100.0	32997.0	1.468452	Y
6	STD6 580-379142/8	500.0	721.04595	100.0	32296.0	1.442092	Y
7	STD7IS 580-379142/7	1000.0	1472.66097	100.0	32770.0	1.472661	Y
8	STD8 580-379142/6	2000.0	2759.025309	100.0	33467.0	1.379513	Y
9	STD9 580-379142/5	5000.0	7397.750109	100.0	32046.0	1.47955	Y
10	STD10 580-379142/4	10000.0	11646.231957	100.0	35748.0	1.164623	Y



Calibration / 2-Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

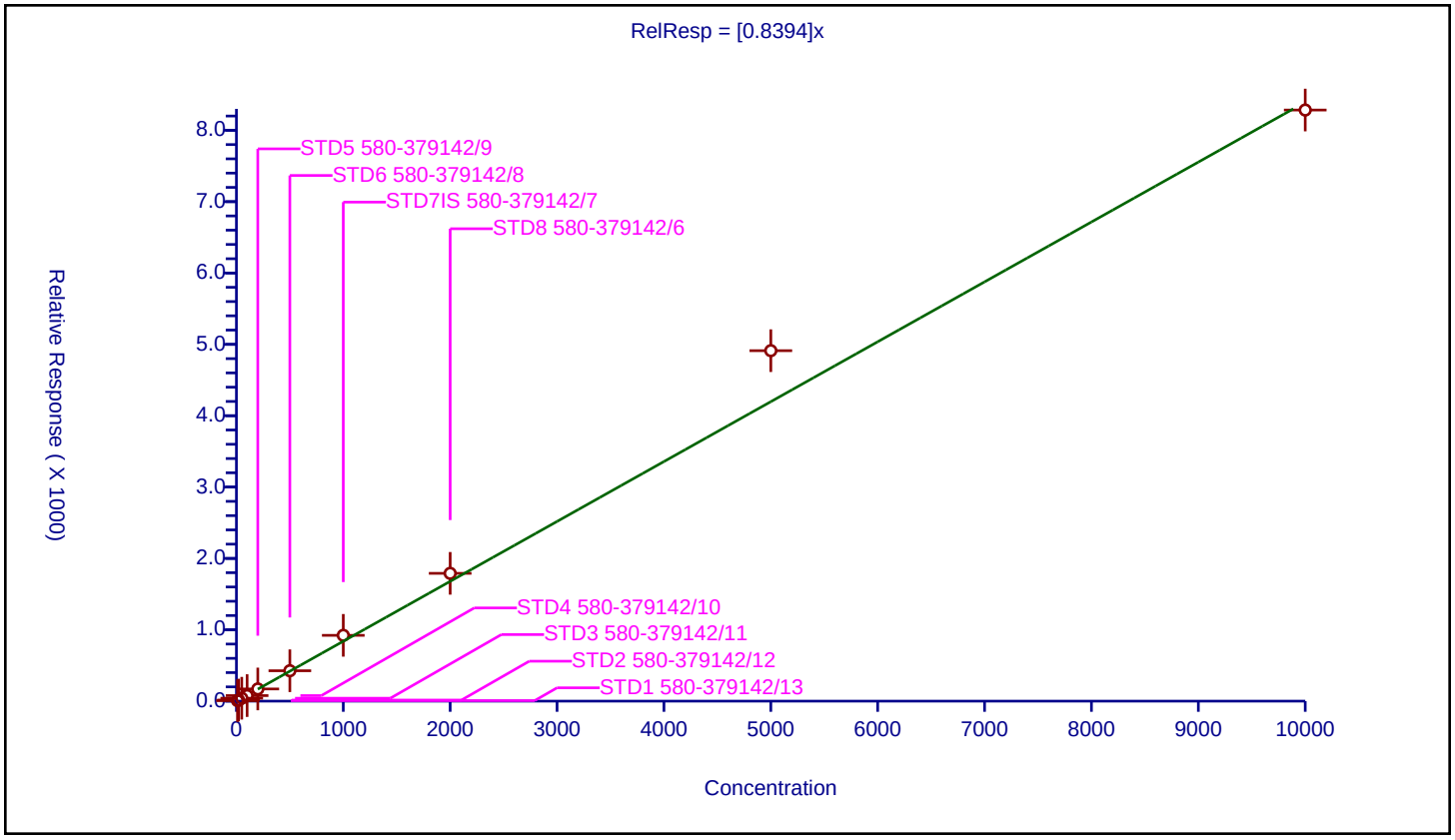
Curve Coefficients

Intercept:	0
Slope:	0.8394

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	9.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	7.141075	100.0	28063.0	0.714108	Y
2	STD2 580-379142/12	20.0	15.024233	100.0	31569.0	0.751212	Y
3	STD3 580-379142/11	50.0	40.77601	100.0	33814.0	0.81552	Y
4	STD4 580-379142/10	100.0	77.867782	100.0	34443.0	0.778678	Y
5	STD5 580-379142/9	200.0	170.745825	100.0	32997.0	0.853729	Y
6	STD6 580-379142/8	500.0	426.034184	100.0	32296.0	0.852068	Y
7	STD7IS 580-379142/7	1000.0	922.184925	100.0	32770.0	0.922185	Y
8	STD8 580-379142/6	2000.0	1791.07479	100.0	33467.0	0.895537	Y
9	STD9 580-379142/5	5000.0	4911.464769	100.0	32046.0	0.982293	Y
10	STD10 580-379142/4	10000.0	8283.800492	100.0	35748.0	0.82838	Y



Calibration / 2,2'-oxybis[1-chloropropane]

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

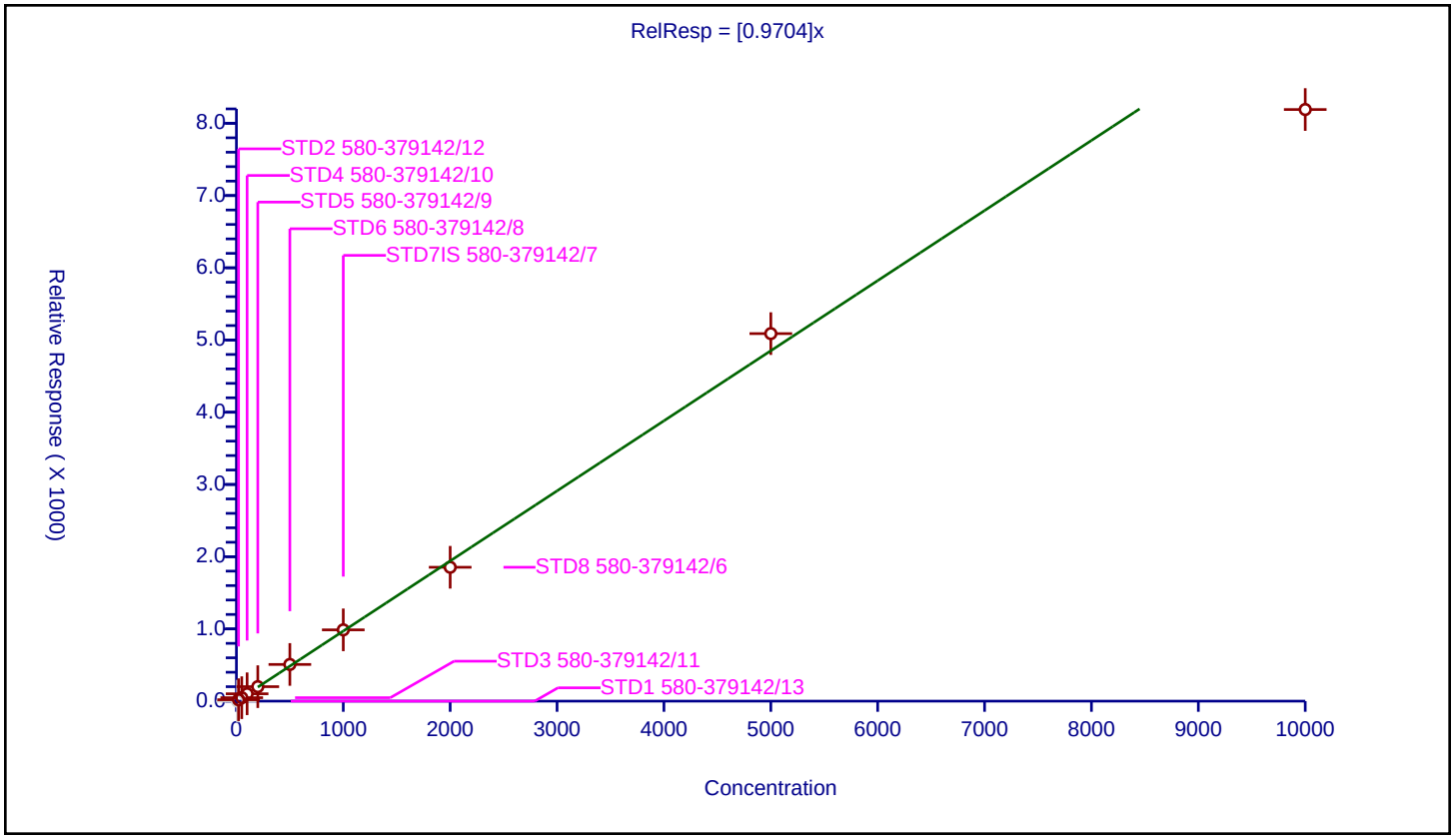
Curve Coefficients

Intercept:	0
Slope:	0.9704

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	6.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	28063.0	0.0	N
2	STD2 580-379142/12	20.0	19.810574	100.0	31569.0	0.990529	Y
3	STD3 580-379142/11	50.0	47.610457	100.0	33814.0	0.952209	Y
4	STD4 580-379142/10	100.0	102.10783	100.0	34443.0	1.021078	Y
5	STD5 580-379142/9	200.0	200.500045	100.0	32997.0	1.0025	Y
6	STD6 580-379142/8	500.0	508.072207	100.0	32296.0	1.016144	Y
7	STD7IS 580-379142/7	1000.0	987.16509	100.0	32770.0	0.987165	Y
8	STD8 580-379142/6	2000.0	1853.557235	100.0	33467.0	0.926779	Y
9	STD9 580-379142/5	5000.0	5088.582038	100.0	32046.0	1.017716	Y
10	STD10 580-379142/4	10000.0	8191.319794	100.0	35748.0	0.819132	Y



Calibration / Acetophenone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

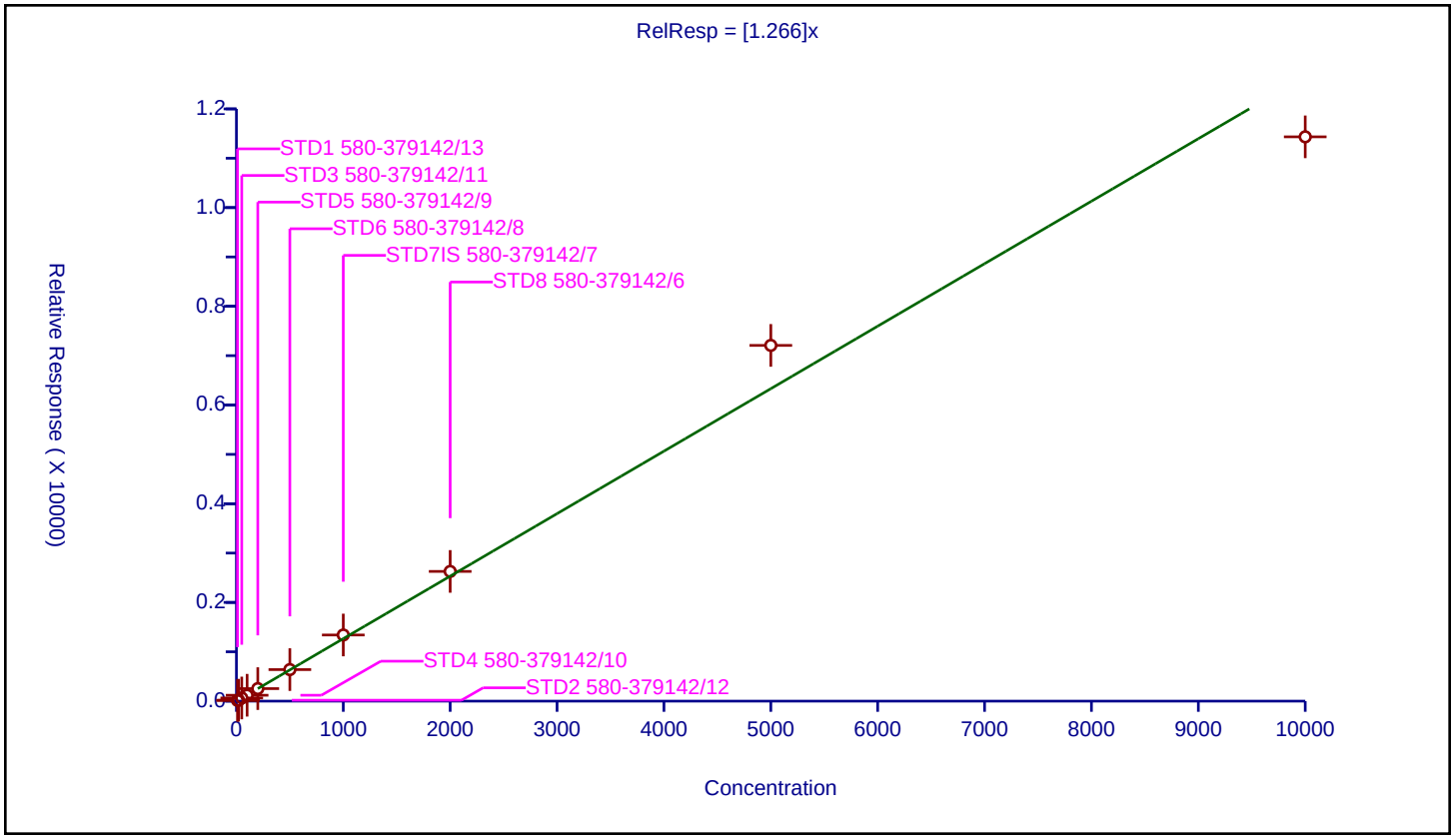
Curve Coefficients

Intercept:	0
Slope:	1.266

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	12.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	14.838043	100.0	28063.0	1.483804	Y
2	STD2 580-379142/12	20.0	18.372454	100.0	31569.0	0.918623	Y
3	STD3 580-379142/11	50.0	63.861123	100.0	33814.0	1.277222	Y
4	STD4 580-379142/10	100.0	119.559853	100.0	34443.0	1.195599	Y
5	STD5 580-379142/9	200.0	253.859442	100.0	32997.0	1.269297	Y
6	STD6 580-379142/8	500.0	639.10701	100.0	32296.0	1.278214	Y
7	STD7IS 580-379142/7	1000.0	1340.335673	100.0	32770.0	1.340336	Y
8	STD8 580-379142/6	2000.0	2628.144142	100.0	33467.0	1.314072	Y
9	STD9 580-379142/5	5000.0	7207.816888	100.0	32046.0	1.441563	Y
10	STD10 580-379142/4	10000.0	11433.635448	100.0	35748.0	1.143364	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

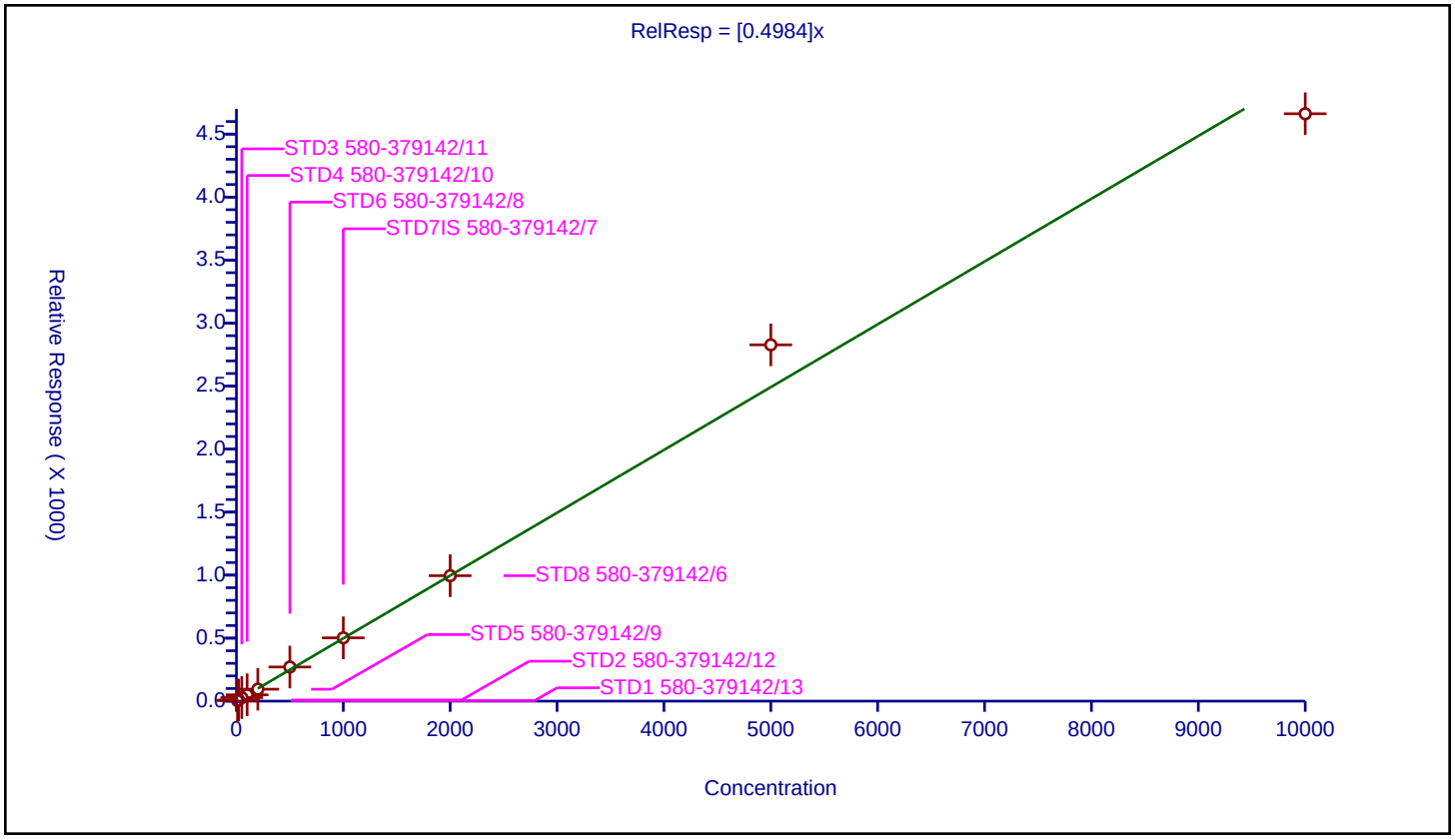
Curve Coefficients

Intercept:	0
Slope:	0.4984

Error Coefficients

Standard Error:	643000
Relative Standard Error:	9.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	4.265403	100.0	28063.0	0.42654	Y
2	STD2 580-379142/12	20.0	8.806107	100.0	31569.0	0.440305	Y
3	STD3 580-379142/11	50.0	28.43201	100.0	33814.0	0.56864	Y
4	STD4 580-379142/10	100.0	50.100165	100.0	34443.0	0.501002	Y
5	STD5 580-379142/9	200.0	94.723763	100.0	32997.0	0.473619	Y
6	STD6 580-379142/8	500.0	270.878747	100.0	32296.0	0.541757	Y
7	STD7IS 580-379142/7	1000.0	502.392432	100.0	32770.0	0.502392	Y
8	STD8 580-379142/6	2000.0	995.425344	100.0	33467.0	0.497713	Y
9	STD9 580-379142/5	5000.0	2827.479249	100.0	32046.0	0.565496	Y
10	STD10 580-379142/4	10000.0	4661.617433	100.0	35748.0	0.466162	Y



Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

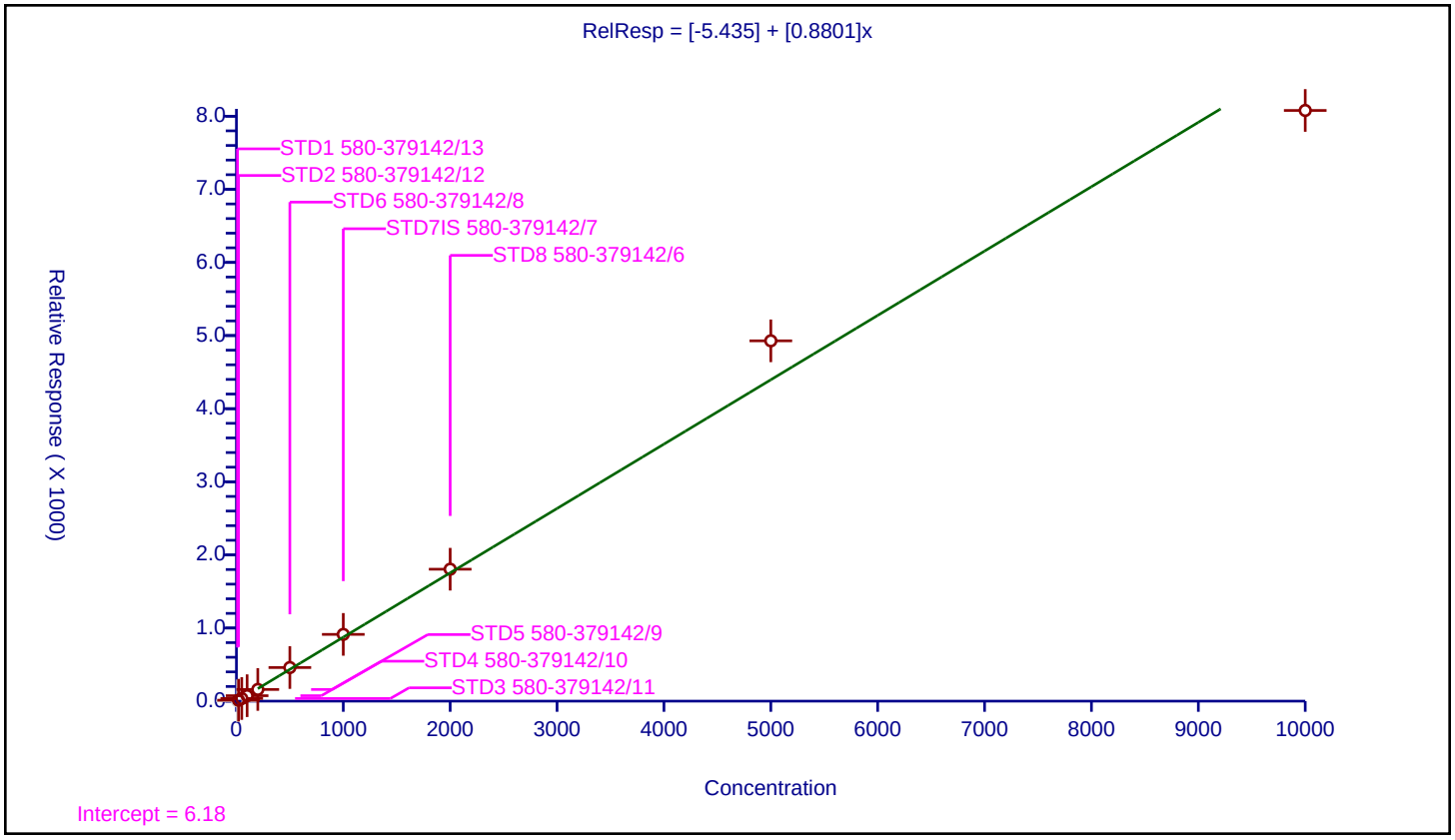
Curve Coefficients

Intercept:	-5.435
Slope:	0.8801

Error Coefficients

Standard Error:	1270000
Relative Standard Error:	8.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	4.810605	100.0	28063.0	0.48106	N
2	STD2 580-379142/12	20.0	12.939909	100.0	31569.0	0.646995	Y
3	STD3 580-379142/11	50.0	36.053114	100.0	33814.0	0.721062	Y
4	STD4 580-379142/10	100.0	74.409895	100.0	34443.0	0.744099	Y
5	STD5 580-379142/9	200.0	159.808467	100.0	32997.0	0.799042	Y
6	STD6 580-379142/8	500.0	459.357196	100.0	32296.0	0.918714	Y
7	STD7IS 580-379142/7	1000.0	913.094294	100.0	32770.0	0.913094	Y
8	STD8 580-379142/6	2000.0	1804.437207	100.0	33467.0	0.902219	Y
9	STD9 580-379142/5	5000.0	4927.966049	100.0	32046.0	0.985593	Y
10	STD10 580-379142/4	10000.0	8078.496699	100.0	35748.0	0.80785	Y



Calibration / Hexachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

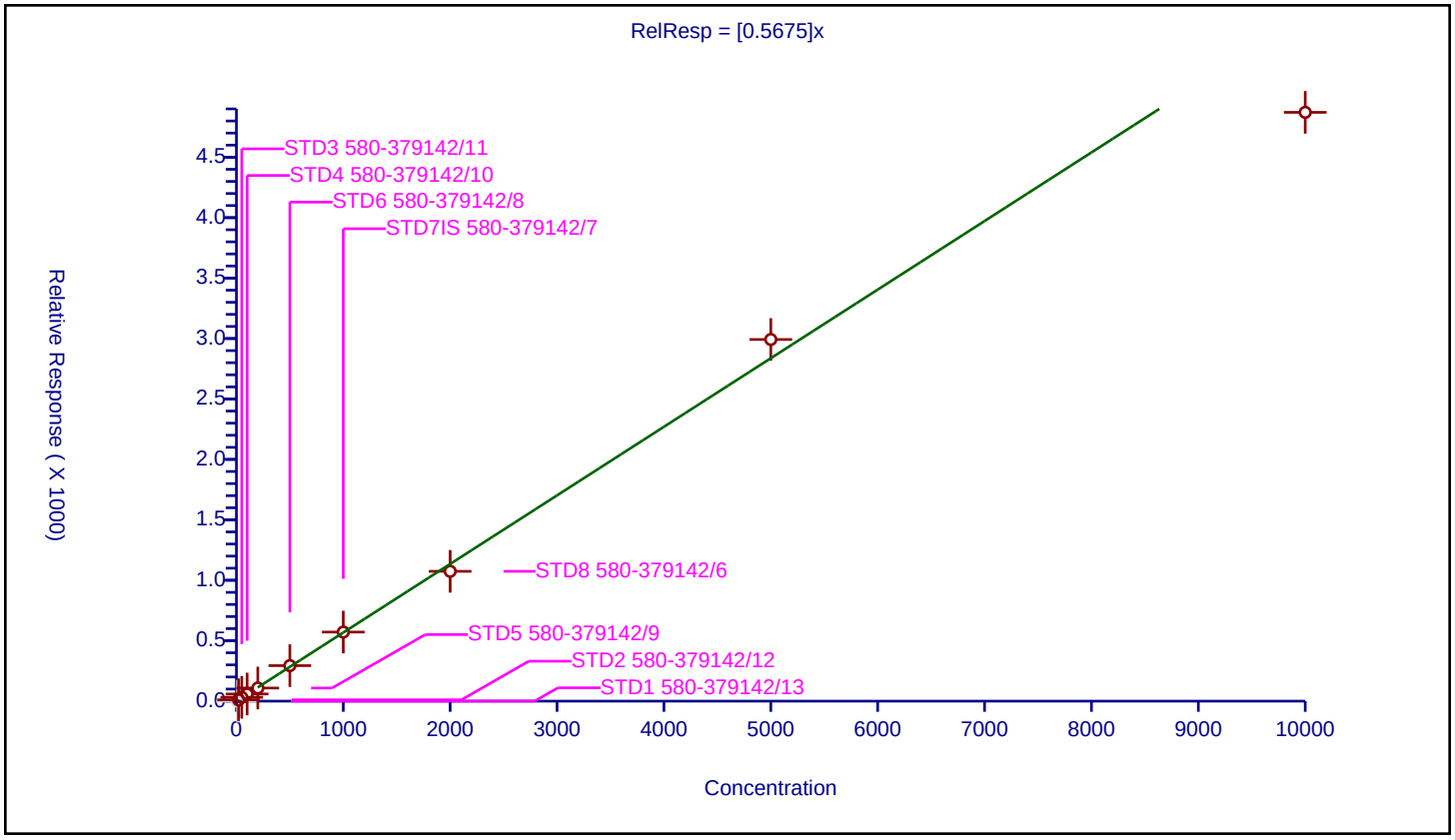
Curve Coefficients

Intercept:	0
Slope:	0.5675

Error Coefficients

Standard Error:	716000
Relative Standard Error:	7.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	28063.0	0.0	N
2	STD2 580-379142/12	20.0	11.118502	100.0	31569.0	0.555925	Y
3	STD3 580-379142/11	50.0	31.741291	100.0	33814.0	0.634826	Y
4	STD4 580-379142/10	100.0	59.13248	100.0	34443.0	0.591325	Y
5	STD5 580-379142/9	200.0	108.621996	100.0	32997.0	0.54311	Y
6	STD6 580-379142/8	500.0	293.832054	100.0	32296.0	0.587664	Y
7	STD7IS 580-379142/7	1000.0	571.583766	100.0	32770.0	0.571584	Y
8	STD8 580-379142/6	2000.0	1074.186512	100.0	33467.0	0.537093	Y
9	STD9 580-379142/5	5000.0	2992.083255	100.0	32046.0	0.598417	Y
10	STD10 580-379142/4	10000.0	4871.321473	100.0	35748.0	0.487132	Y



Calibration / Nitrobenzene-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

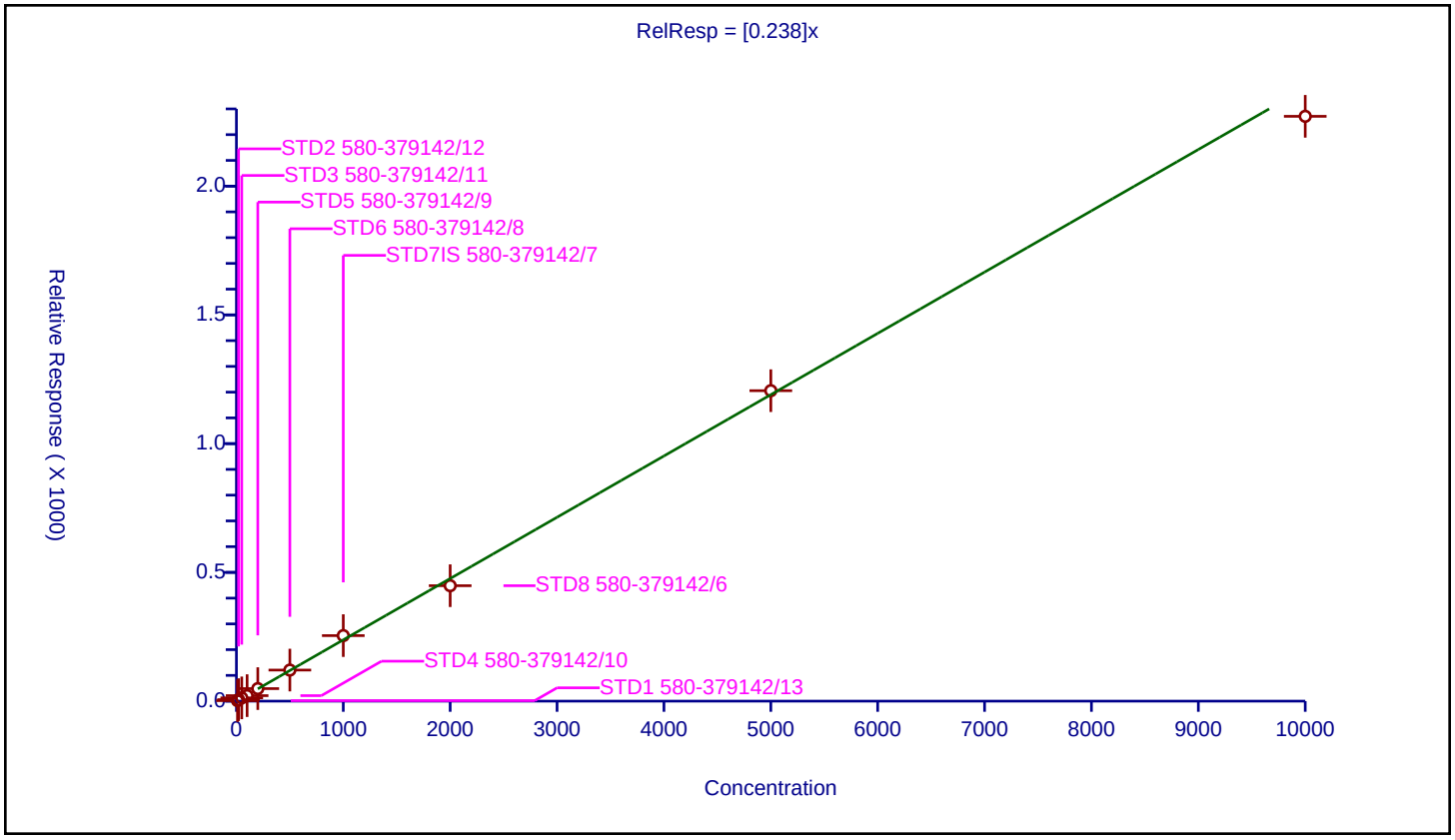
Curve Coefficients

Intercept:	0
Slope:	0.238

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	10.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	1.932768	100.0	102392.0	0.193277	Y
2	STD2 580-379142/12	20.0	5.768634	100.0	109558.0	0.288432	Y
3	STD3 580-379142/11	50.0	12.646271	100.0	120154.0	0.252925	Y
4	STD4 580-379142/10	100.0	21.384604	100.0	126881.0	0.213846	Y
5	STD5 580-379142/9	200.0	48.706705	100.0	121550.0	0.243534	Y
6	STD6 580-379142/8	500.0	120.672425	100.0	117277.0	0.241345	Y
7	STD7IS 580-379142/7	1000.0	254.482747	100.0	118298.0	0.254483	Y
8	STD8 580-379142/6	2000.0	448.309826	100.0	129957.0	0.224155	Y
9	STD9 580-379142/5	5000.0	1205.694548	100.0	126226.0	0.241139	Y
10	STD10 580-379142/4	10000.0	2271.176706	100.0	122401.0	0.227118	Y



Calibration / Nitrobenzene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

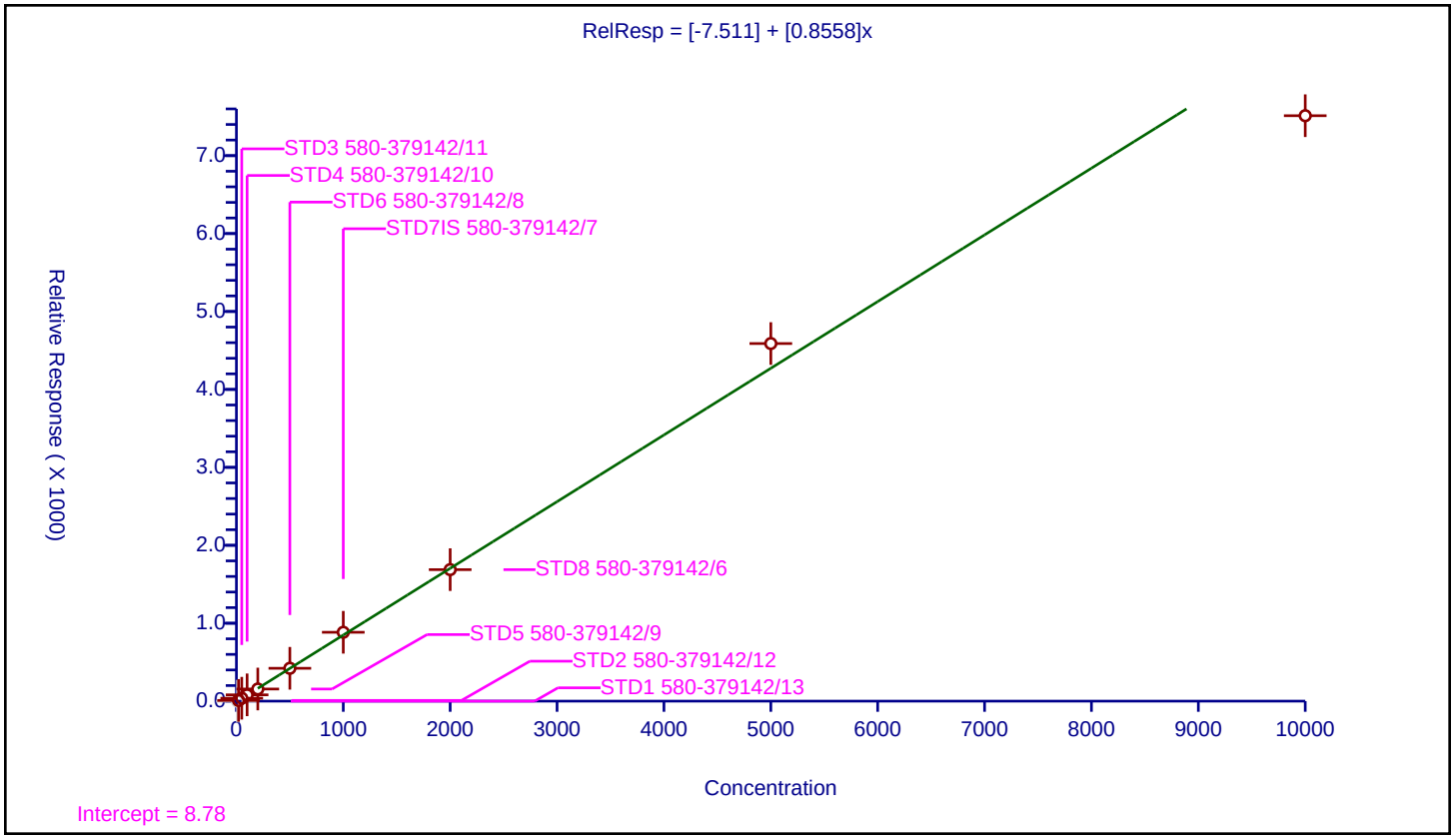
Curve Coefficients

Intercept:	-7.511
Slope:	0.8558

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	28063.0	0.0	N
2	STD2 580-379142/12	20.0	9.221071	100.0	31569.0	0.461054	Y
3	STD3 580-379142/11	50.0	37.395753	100.0	33814.0	0.747915	Y
4	STD4 580-379142/10	100.0	80.814679	100.0	34443.0	0.808147	Y
5	STD5 580-379142/9	200.0	155.668697	100.0	32997.0	0.778343	Y
6	STD6 580-379142/8	500.0	421.643547	100.0	32296.0	0.843287	Y
7	STD7IS 580-379142/7	1000.0	883.622215	100.0	32770.0	0.883622	Y
8	STD8 580-379142/6	2000.0	1687.635581	100.0	33467.0	0.843818	Y
9	STD9 580-379142/5	5000.0	4588.831679	100.0	32046.0	0.917766	Y
10	STD10 580-379142/4	10000.0	7512.621685	100.0	35748.0	0.751262	Y



Calibration / Isophorone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

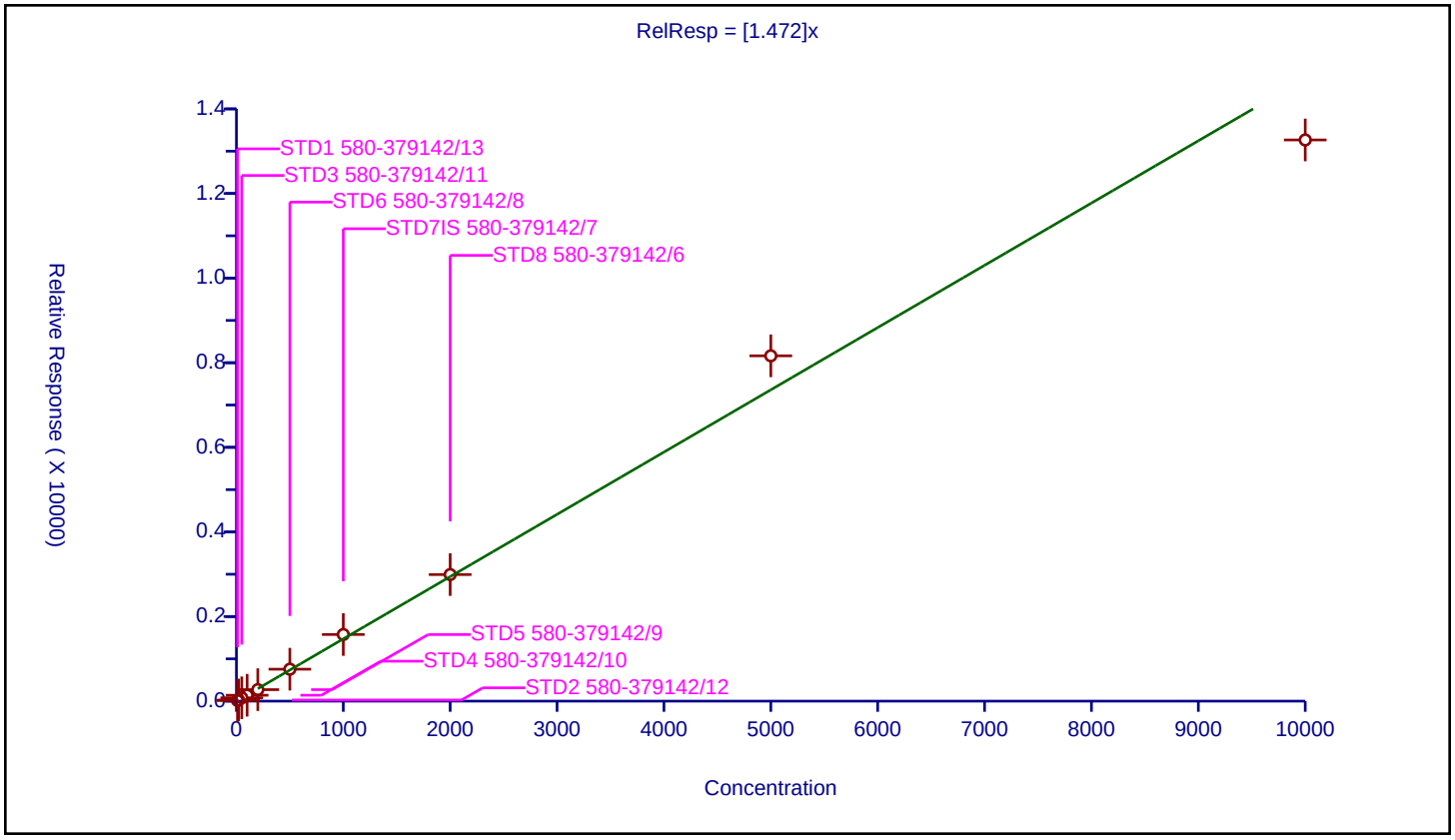
Curve Coefficients

Intercept:	0
Slope:	1.472

Error Coefficients

Standard Error:	1840000
Relative Standard Error:	7.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	15.32623	100.0	28063.0	1.532623	Y
2	STD2 580-379142/12	20.0	26.386645	100.0	31569.0	1.319332	Y
3	STD3 580-379142/11	50.0	78.50003	100.0	33814.0	1.570001	Y
4	STD4 580-379142/10	100.0	139.616177	100.0	34443.0	1.396162	Y
5	STD5 580-379142/9	200.0	271.642877	100.0	32997.0	1.358214	Y
6	STD6 580-379142/8	500.0	755.09351	100.0	32296.0	1.510187	Y
7	STD7IS 580-379142/7	1000.0	1575.691181	100.0	32770.0	1.575691	Y
8	STD8 580-379142/6	2000.0	2992.249081	100.0	33467.0	1.496125	Y
9	STD9 580-379142/5	5000.0	8162.778506	100.0	32046.0	1.632556	Y
10	STD10 580-379142/4	10000.0	13265.975719	100.0	35748.0	1.326598	Y



Calibration / 2-Nitrophenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

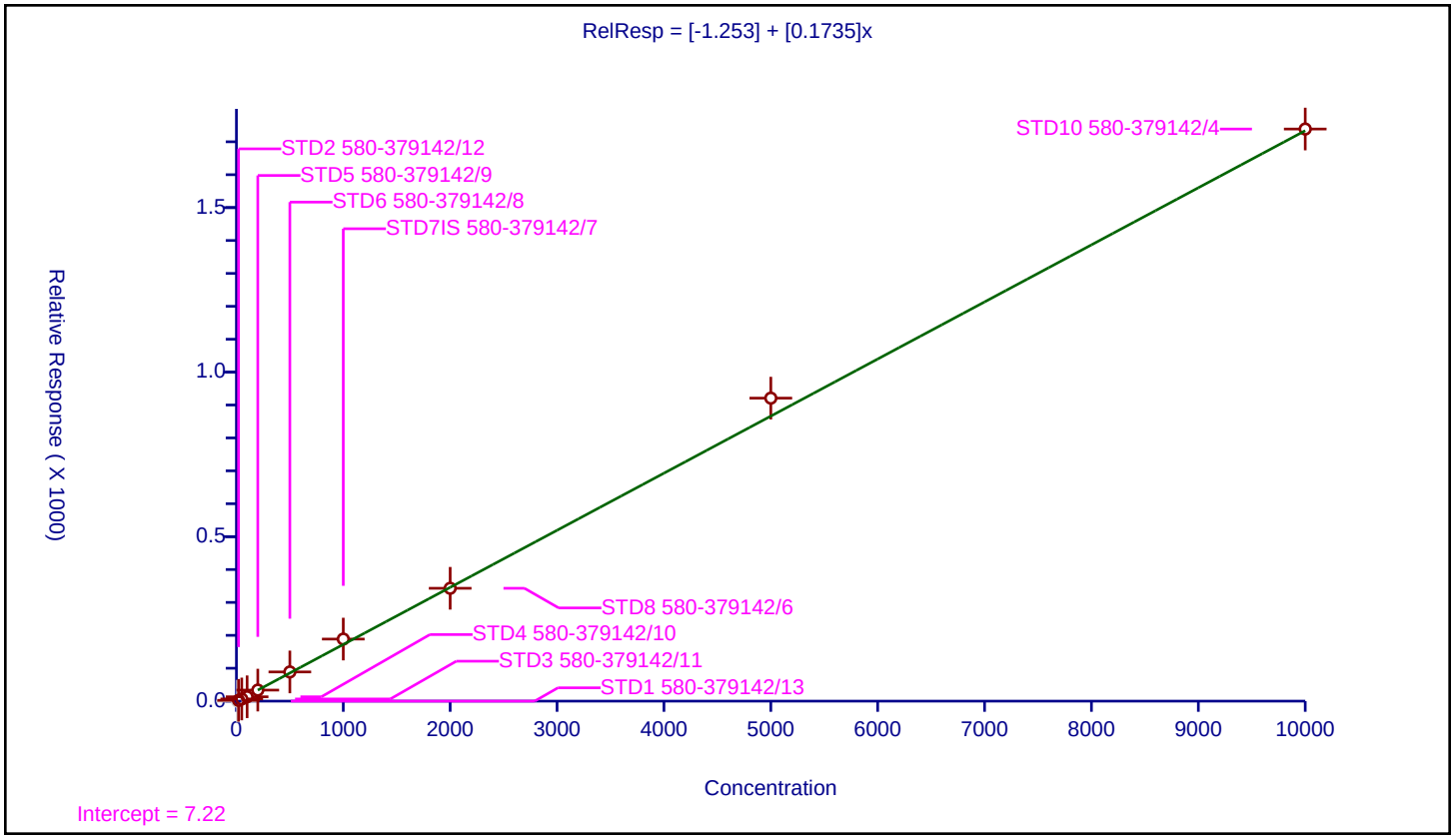
Curve Coefficients

Intercept:	-1.253
Slope:	0.1735

Error Coefficients

Standard Error:	936000
Relative Standard Error:	8.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	102392.0	0.0	N
2	STD2 580-379142/12	20.0	2.454408	100.0	109558.0	0.12272	Y
3	STD3 580-379142/11	50.0	6.562412	100.0	120154.0	0.131248	Y
4	STD4 580-379142/10	100.0	13.268338	100.0	126881.0	0.132683	Y
5	STD5 580-379142/9	200.0	33.578774	100.0	121550.0	0.167894	Y
6	STD6 580-379142/8	500.0	88.76506	100.0	117277.0	0.17753	Y
7	STD7IS 580-379142/7	1000.0	188.663376	100.0	118298.0	0.188663	Y
8	STD8 580-379142/6	2000.0	342.988835	100.0	129957.0	0.171494	Y
9	STD9 580-379142/5	5000.0	920.903776	100.0	126226.0	0.184181	Y
10	STD10 580-379142/4	10000.0	1738.771742	100.0	122401.0	0.173877	Y



Calibration / 2,4-Dimethylphenol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

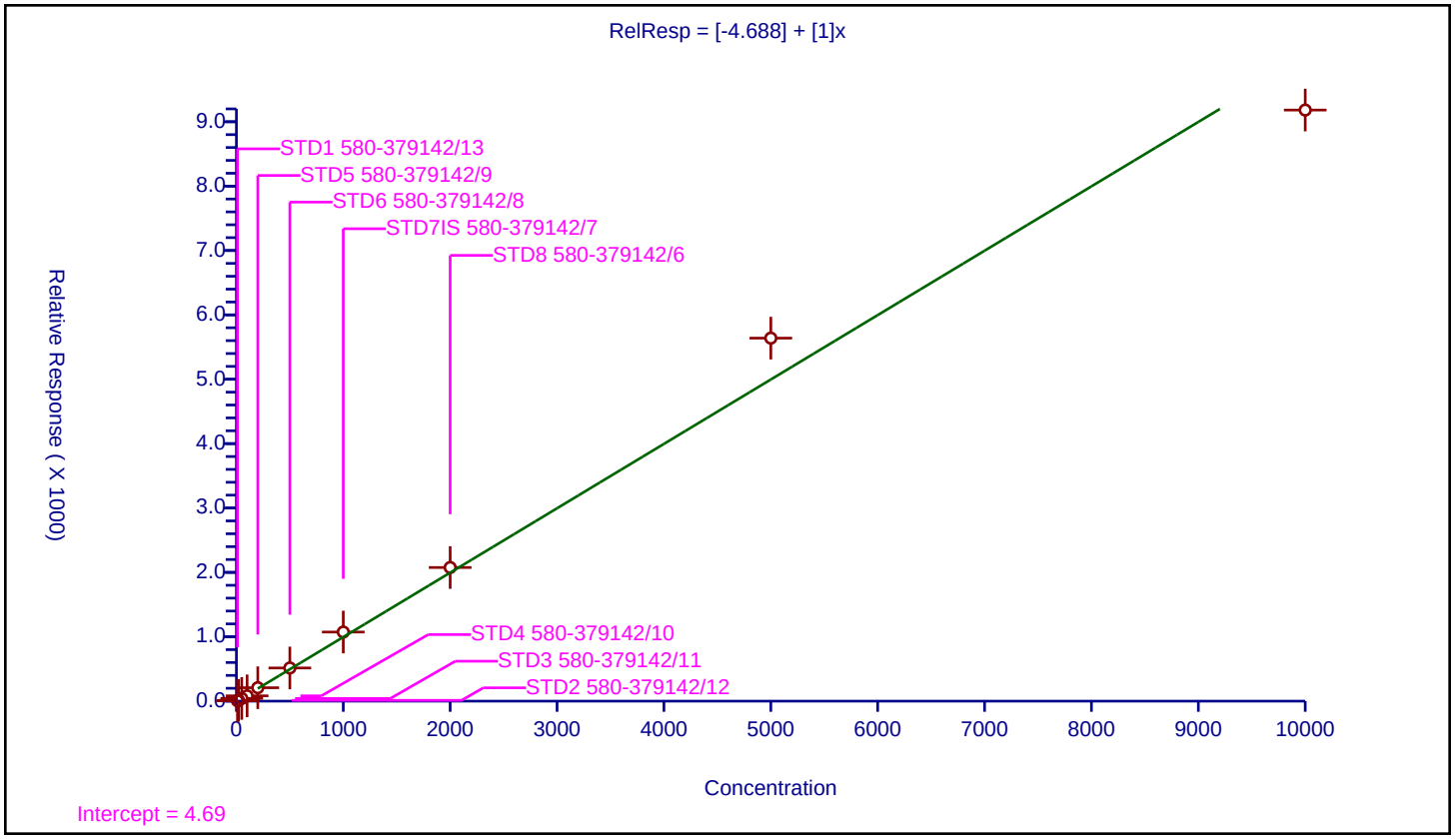
Curve Coefficients

Intercept:	-4.688
Slope:	1

Error Coefficients

Standard Error:	1350000
Relative Standard Error:	10.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	6.057799	100.0	28063.0	0.60578	Y
2	STD2 580-379142/12	20.0	12.249359	100.0	31569.0	0.612468	Y
3	STD3 580-379142/11	50.0	42.163009	100.0	33814.0	0.84326	Y
4	STD4 580-379142/10	100.0	82.539268	100.0	34443.0	0.825393	Y
5	STD5 580-379142/9	200.0	208.358336	100.0	32997.0	1.041792	Y
6	STD6 580-379142/8	500.0	515.429155	100.0	32296.0	1.030858	Y
7	STD7IS 580-379142/7	1000.0	1073.558132	100.0	32770.0	1.073558	Y
8	STD8 580-379142/6	2000.0	2075.931515	100.0	33467.0	1.037966	Y
9	STD9 580-379142/5	5000.0	5639.168695	100.0	32046.0	1.127834	Y
10	STD10 580-379142/4	10000.0	9181.626944	100.0	35748.0	0.918163	Y



Calibration / Benzoic acid

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

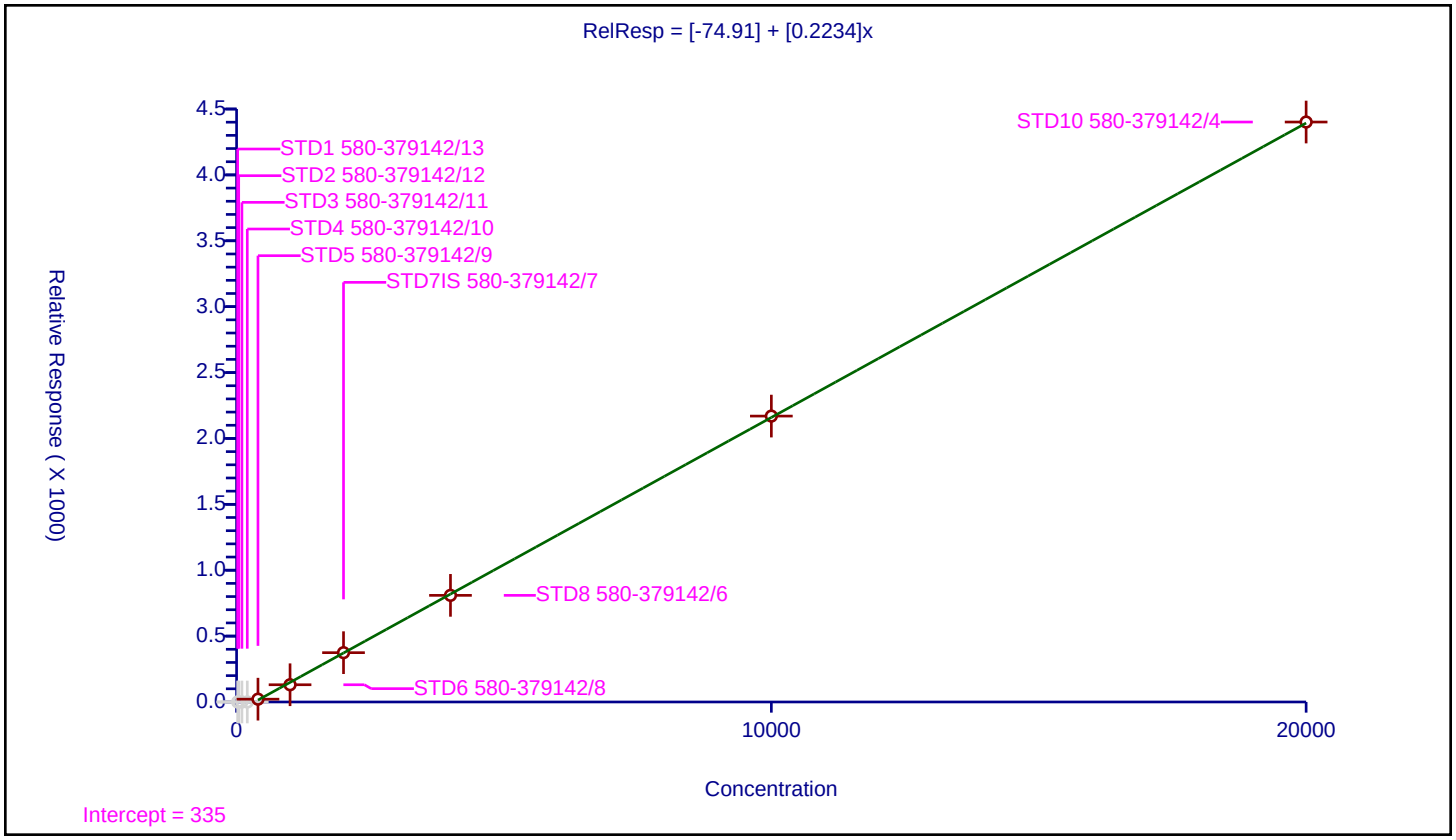
Curve Coefficients

Intercept:	-74.91
Slope:	0.2234

Error Coefficients

Standard Error:	3070000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	20.0	0.0	100.0	102392.0	0.0	N
2	STD2 580-379142/12	40.0	0.0	100.0	109558.0	0.0	N
3	STD3 580-379142/11	100.0	0.0	100.0	120154.0	0.0	N
4	STD4 580-379142/10	200.0	0.0	100.0	126881.0	0.0	N
5	STD5 580-379142/9	400.0	21.438914	100.0	121550.0	0.053597	Y
6	STD6 580-379142/8	1000.0	130.925928	100.0	117277.0	0.130926	Y
7	STD7IS 580-379142/7	2000.0	374.201593	100.0	118298.0	0.187101	Y
8	STD8 580-379142/6	4000.0	809.215356	100.0	129957.0	0.202304	Y
9	STD9 580-379142/5	10000.0	2169.698794	100.0	126226.0	0.21697	Y
10	STD10 580-379142/4	20000.0	4401.205056	100.0	122401.0	0.22006	Y



Calibration / Bis(2-chloroethoxy)methane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

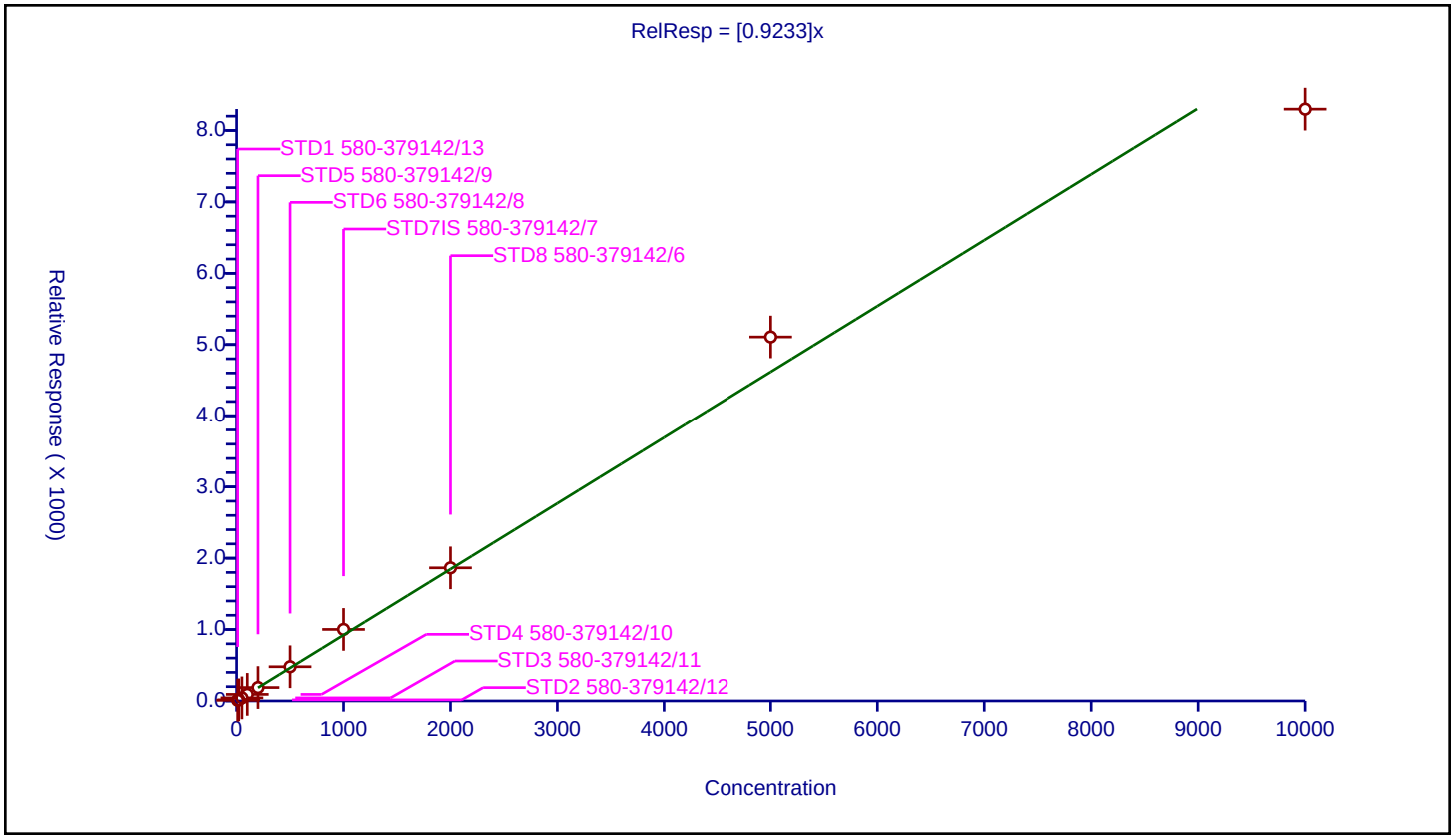
Curve Coefficients

Intercept:	0
Slope:	0.9233

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	8.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	9.977551	100.0	28063.0	0.997755	Y
2	STD2 580-379142/12	20.0	15.369508	100.0	31569.0	0.768475	Y
3	STD3 580-379142/11	50.0	43.227657	100.0	33814.0	0.864553	Y
4	STD4 580-379142/10	100.0	92.129025	100.0	34443.0	0.92129	Y
5	STD5 580-379142/9	200.0	187.723126	100.0	32997.0	0.938616	Y
6	STD6 580-379142/8	500.0	478.551523	100.0	32296.0	0.957103	Y
7	STD7IS 580-379142/7	1000.0	1001.742447	100.0	32770.0	1.001742	Y
8	STD8 580-379142/6	2000.0	1864.574058	100.0	33467.0	0.932287	Y
9	STD9 580-379142/5	5000.0	5106.624852	100.0	32046.0	1.021325	Y
10	STD10 580-379142/4	10000.0	8297.980307	100.0	35748.0	0.829798	Y



Calibration / 2,4-Dichlorophenol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

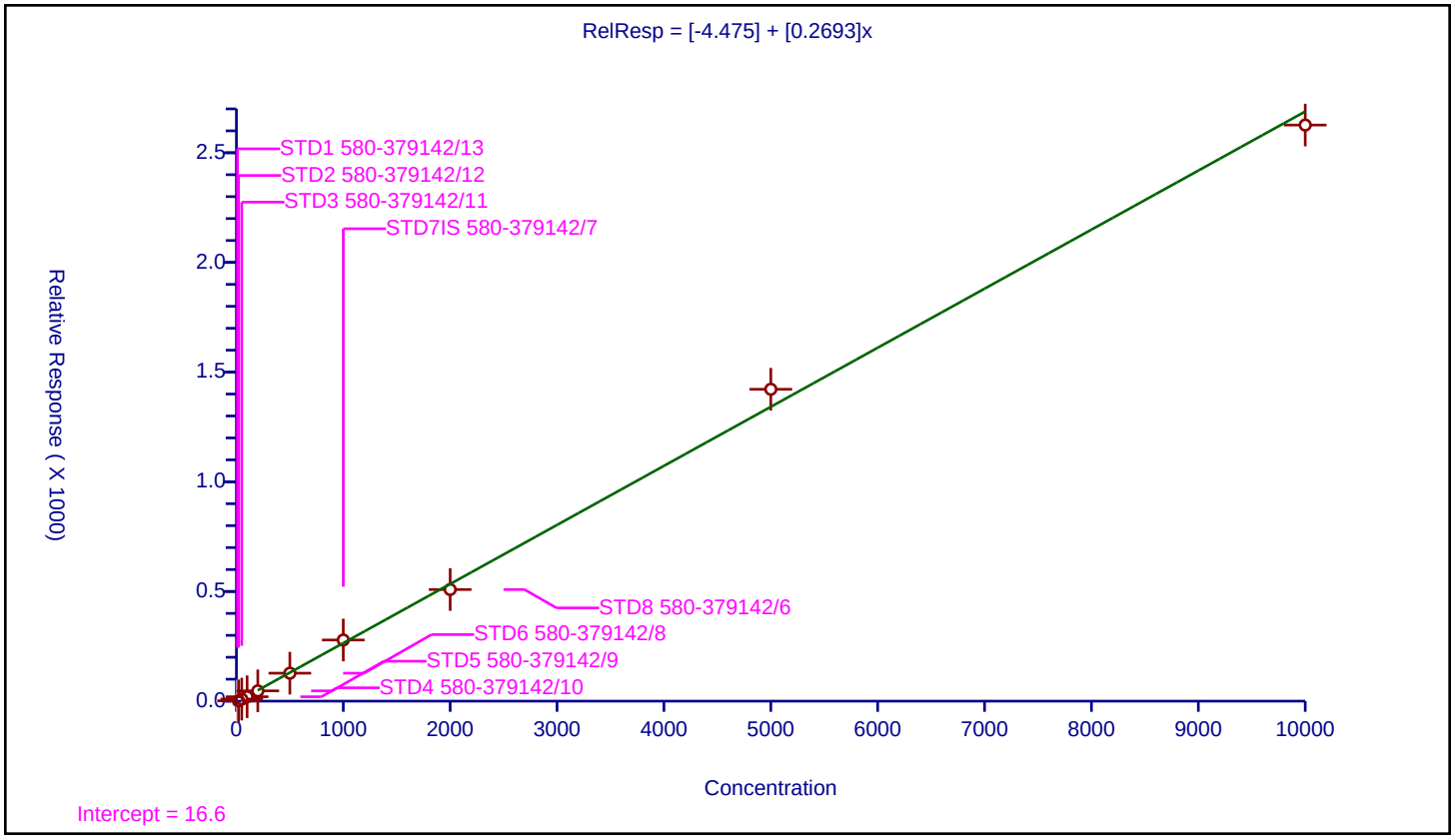
Curve Coefficients

Intercept:	-4.475
Slope:	0.2693

Error Coefficients

Standard Error:	1420000
Relative Standard Error:	6.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.981522	100.0	102392.0	0.098152	N
2	STD2 580-379142/12	20.0	1.438507	100.0	109558.0	0.071925	Y
3	STD3 580-379142/11	50.0	9.274764	100.0	120154.0	0.185495	Y
4	STD4 580-379142/10	100.0	19.947037	100.0	126881.0	0.19947	Y
5	STD5 580-379142/9	200.0	46.798026	100.0	121550.0	0.23399	Y
6	STD6 580-379142/8	500.0	127.440163	100.0	117277.0	0.25488	Y
7	STD7IS 580-379142/7	1000.0	278.716462	100.0	118298.0	0.278716	Y
8	STD8 580-379142/6	2000.0	508.821379	100.0	129957.0	0.254411	Y
9	STD9 580-379142/5	5000.0	1421.784735	100.0	126226.0	0.284357	Y
10	STD10 580-379142/4	10000.0	2626.27021	100.0	122401.0	0.262627	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

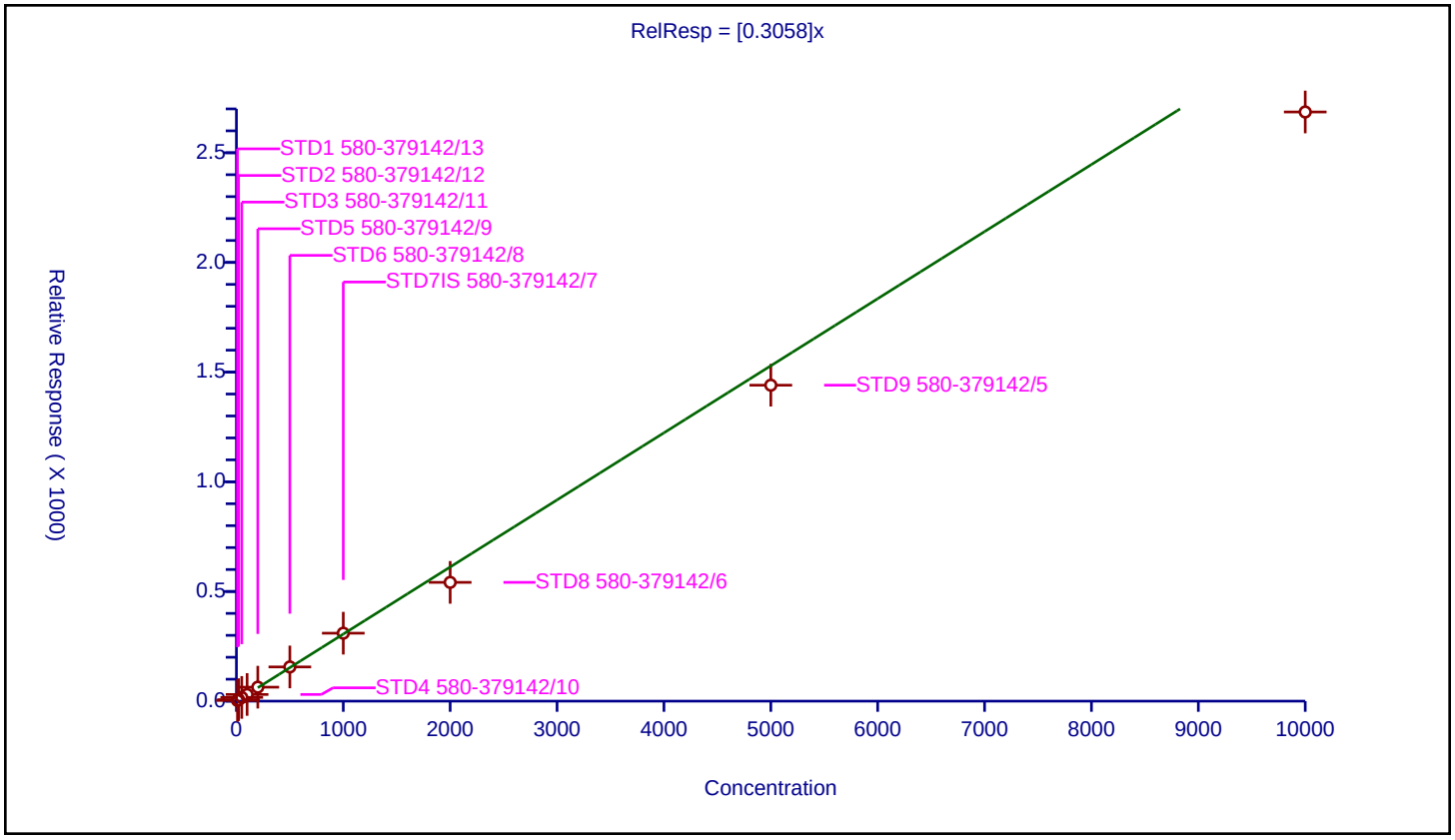
Curve Coefficients

Intercept:	0
Slope:	0.3058

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	7.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	3.108641	100.0	102392.0	0.310864	Y
2	STD2 580-379142/12	20.0	6.74346	100.0	109558.0	0.337173	Y
3	STD3 580-379142/11	50.0	16.900811	100.0	120154.0	0.338016	Y
4	STD4 580-379142/10	100.0	30.414325	100.0	126881.0	0.304143	Y
5	STD5 580-379142/9	200.0	63.712053	100.0	121550.0	0.31856	Y
6	STD6 580-379142/8	500.0	155.973465	100.0	117277.0	0.311947	Y
7	STD7IS 580-379142/7	1000.0	309.817579	100.0	118298.0	0.309818	Y
8	STD8 580-379142/6	2000.0	541.510654	100.0	129957.0	0.270755	Y
9	STD9 580-379142/5	5000.0	1440.413227	100.0	126226.0	0.288083	Y
10	STD10 580-379142/4	10000.0	2685.881651	100.0	122401.0	0.268588	Y



Calibration / Naphthalene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

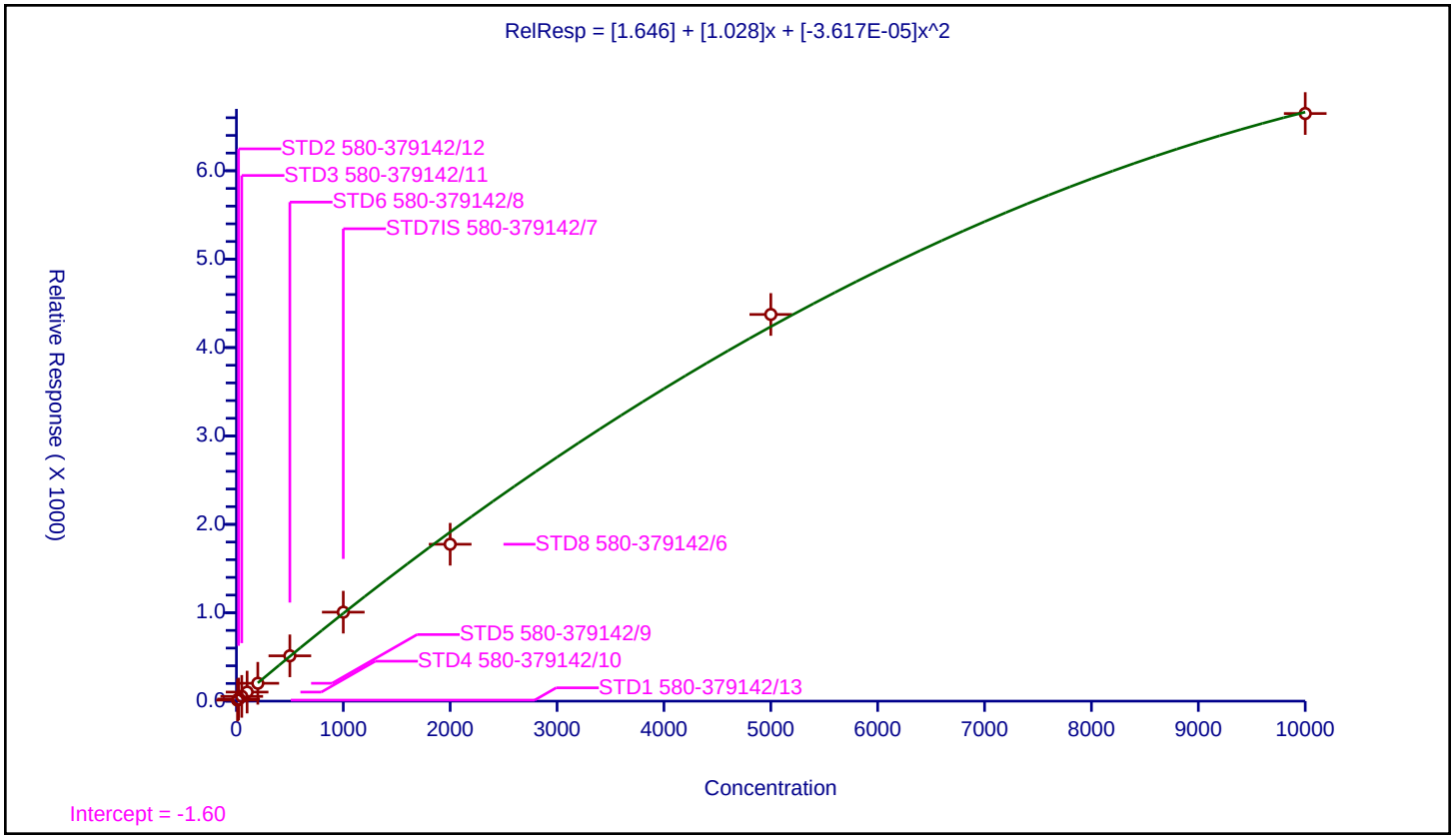
Curve Coefficients

Intercept:	1.646
Slope:	1.028
Second Order:	-3.617E-05

Error Coefficients

Standard Error:	3850000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	11.572193	100.0	102392.0	1.157219	Y
2	STD2 580-379142/12	20.0	23.535479	100.0	109558.0	1.176774	Y
3	STD3 580-379142/11	50.0	53.832582	100.0	120154.0	1.076652	Y
4	STD4 580-379142/10	100.0	102.663913	100.0	126881.0	1.026639	Y
5	STD5 580-379142/9	200.0	202.069107	100.0	121550.0	1.010346	Y
6	STD6 580-379142/8	500.0	512.74504	100.0	117277.0	1.02549	Y
7	STD7IS 580-379142/7	1000.0	1006.607889	100.0	118298.0	1.006608	Y
8	STD8 580-379142/6	2000.0	1774.837831	100.0	129957.0	0.887419	Y
9	STD9 580-379142/5	5000.0	4374.410977	100.0	126226.0	0.874882	Y
10	STD10 580-379142/4	10000.0	6647.57069	100.0	122401.0	0.664757	Y



Calibration / 2,6-Dichlorophenol

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

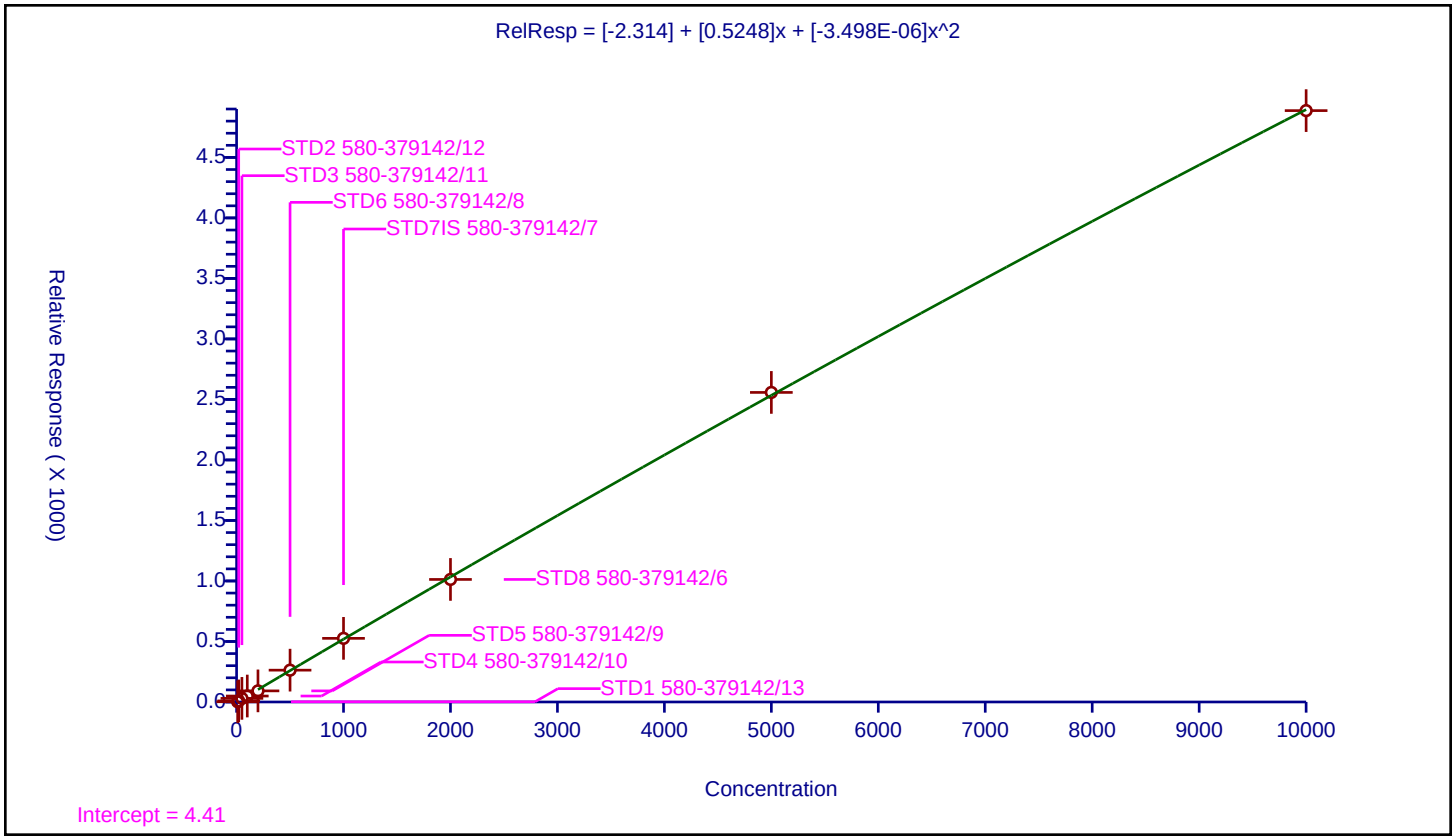
Curve Coefficients

Intercept:	-2.314
Slope:	0.5248
Second Order:	-3.498E-06

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	12.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	1.865519	100.0	41597.0	0.186552	Y
2	STD2 580-379142/12	20.0	9.028176	100.0	50575.0	0.451409	Y
3	STD3 580-379142/11	50.0	29.762563	100.0	54246.0	0.595251	Y
4	STD4 580-379142/10	100.0	49.348486	100.0	57635.0	0.493485	Y
5	STD5 580-379142/9	200.0	91.840908	100.0	60644.0	0.459205	Y
6	STD6 580-379142/8	500.0	263.071072	100.0	63105.0	0.526142	Y
7	STD7IS 580-379142/7	1000.0	525.91827	100.0	65313.0	0.525918	Y
8	STD8 580-379142/6	2000.0	1012.755056	100.0	65966.0	0.506378	Y
9	STD9 580-379142/5	5000.0	2558.056351	100.0	69529.0	0.511611	Y
10	STD10 580-379142/4	10000.0	4886.844233	100.0	65553.0	0.488684	Y



Calibration / 4-Chloroaniline

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

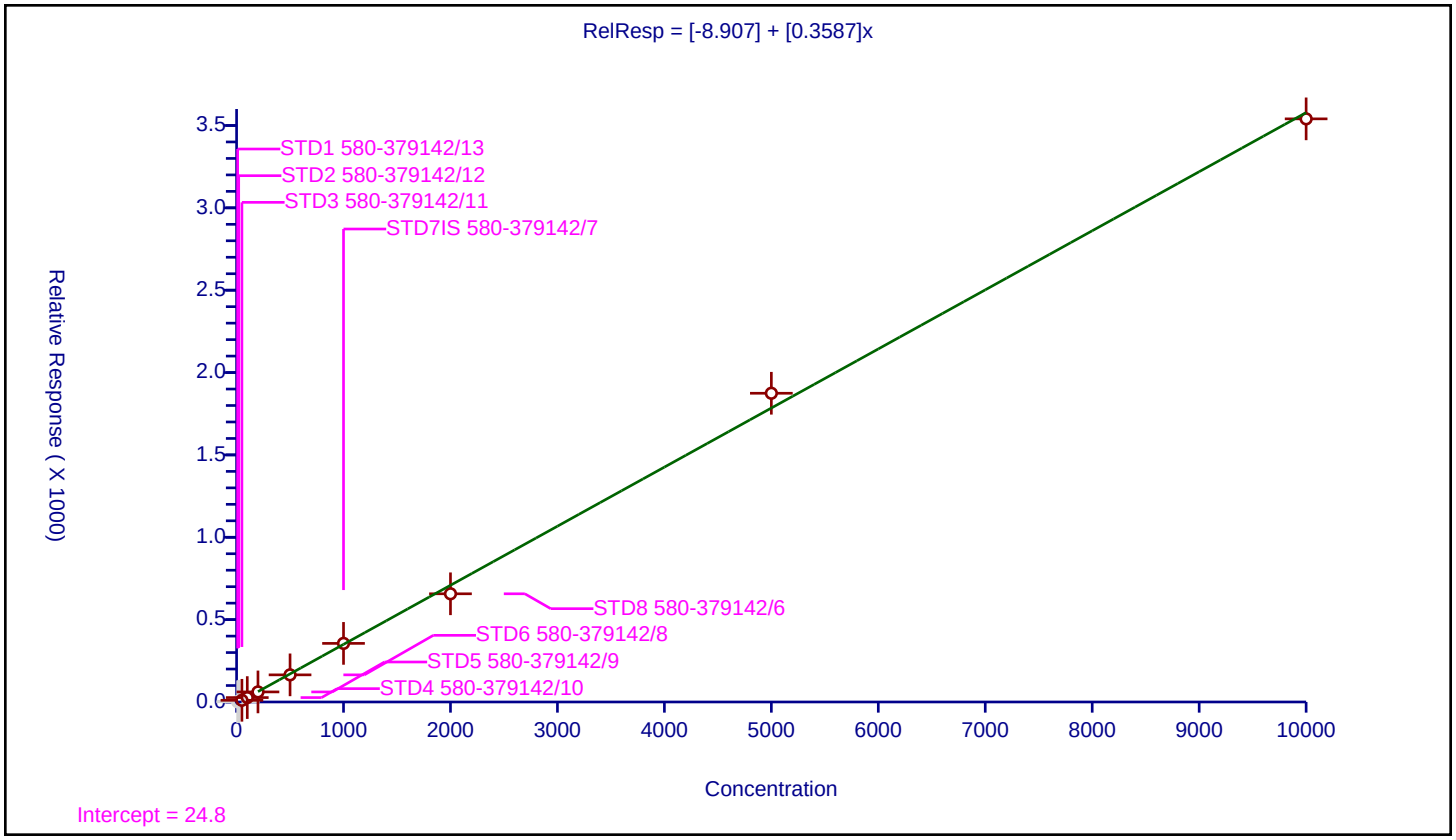
Curve Coefficients

Intercept:	-8.907
Slope:	0.3587

Error Coefficients

Standard Error:	2050000
Relative Standard Error:	5.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	1.163177	100.0	102392.0	0.116318	N
2	STD2 580-379142/12	20.0	4.400409	100.0	109558.0	0.22002	N
3	STD3 580-379142/11	50.0	10.360038	100.0	120154.0	0.207201	Y
4	STD4 580-379142/10	100.0	26.840898	100.0	126881.0	0.268409	Y
5	STD5 580-379142/9	200.0	61.159194	100.0	121550.0	0.305796	Y
6	STD6 580-379142/8	500.0	164.759501	100.0	117277.0	0.329519	Y
7	STD7IS 580-379142/7	1000.0	355.792997	100.0	118298.0	0.355793	Y
8	STD8 580-379142/6	2000.0	656.852651	100.0	129957.0	0.328426	Y
9	STD9 580-379142/5	5000.0	1874.346014	100.0	126226.0	0.374869	Y
10	STD10 580-379142/4	10000.0	3540.209639	100.0	122401.0	0.354021	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

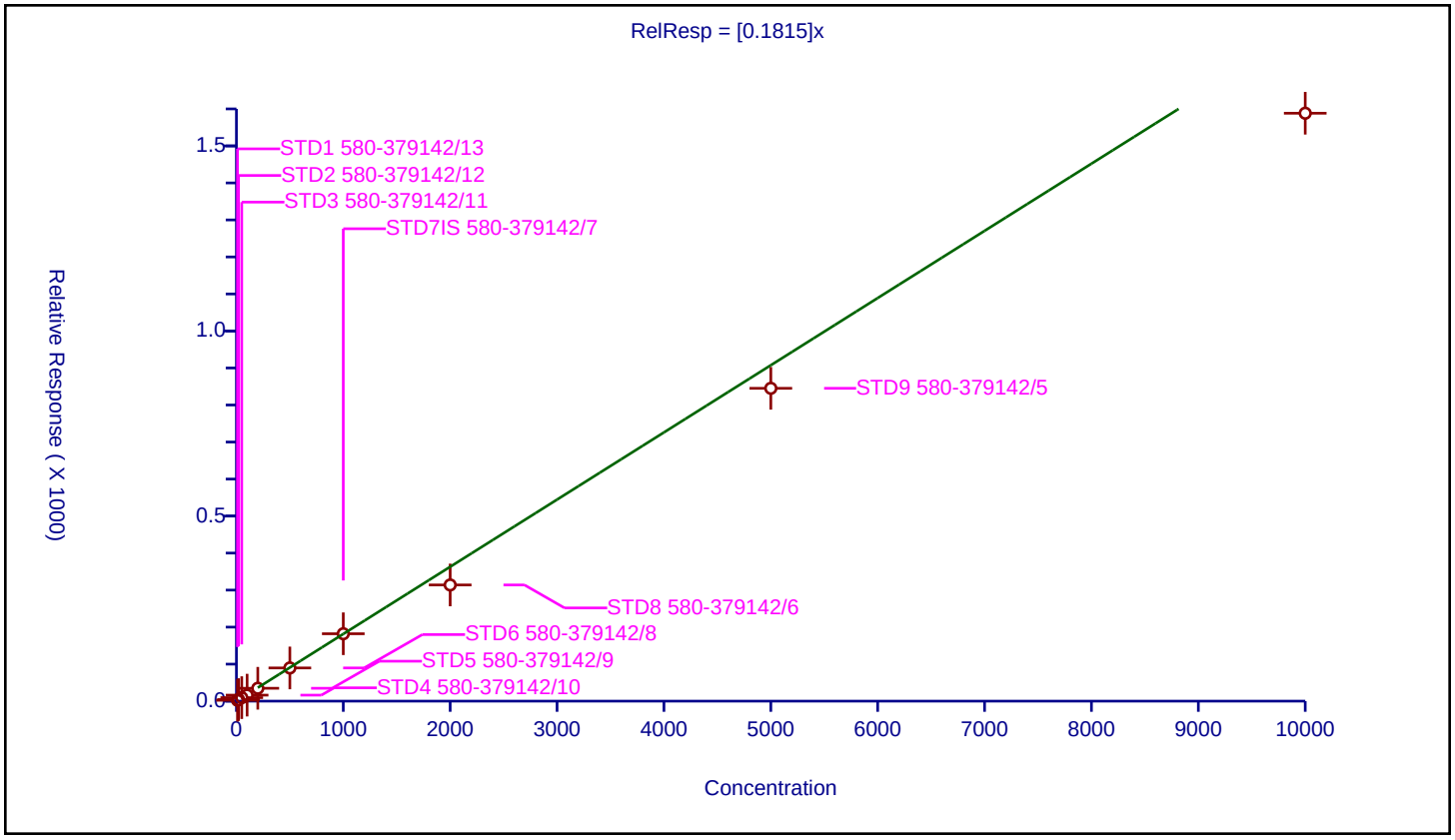
Curve Coefficients

Intercept:	0
Slope:	0.1815

Error Coefficients

Standard Error:	755000
Relative Standard Error:	13.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	2.319517	100.0	102392.0	0.231952	Y
2	STD2 580-379142/12	20.0	4.230636	100.0	109558.0	0.211532	Y
3	STD3 580-379142/11	50.0	9.467017	100.0	120154.0	0.18934	Y
4	STD4 580-379142/10	100.0	16.196278	100.0	126881.0	0.161963	Y
5	STD5 580-379142/9	200.0	34.788153	100.0	121550.0	0.173941	Y
6	STD6 580-379142/8	500.0	89.685957	100.0	117277.0	0.179372	Y
7	STD7IS 580-379142/7	1000.0	182.094372	100.0	118298.0	0.182094	Y
8	STD8 580-379142/6	2000.0	313.899213	100.0	129957.0	0.15695	Y
9	STD9 580-379142/5	5000.0	845.166606	100.0	126226.0	0.169033	Y
10	STD10 580-379142/4	10000.0	1588.280325	100.0	122401.0	0.158828	Y



Calibration / 4-Chloro-3-methylphenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

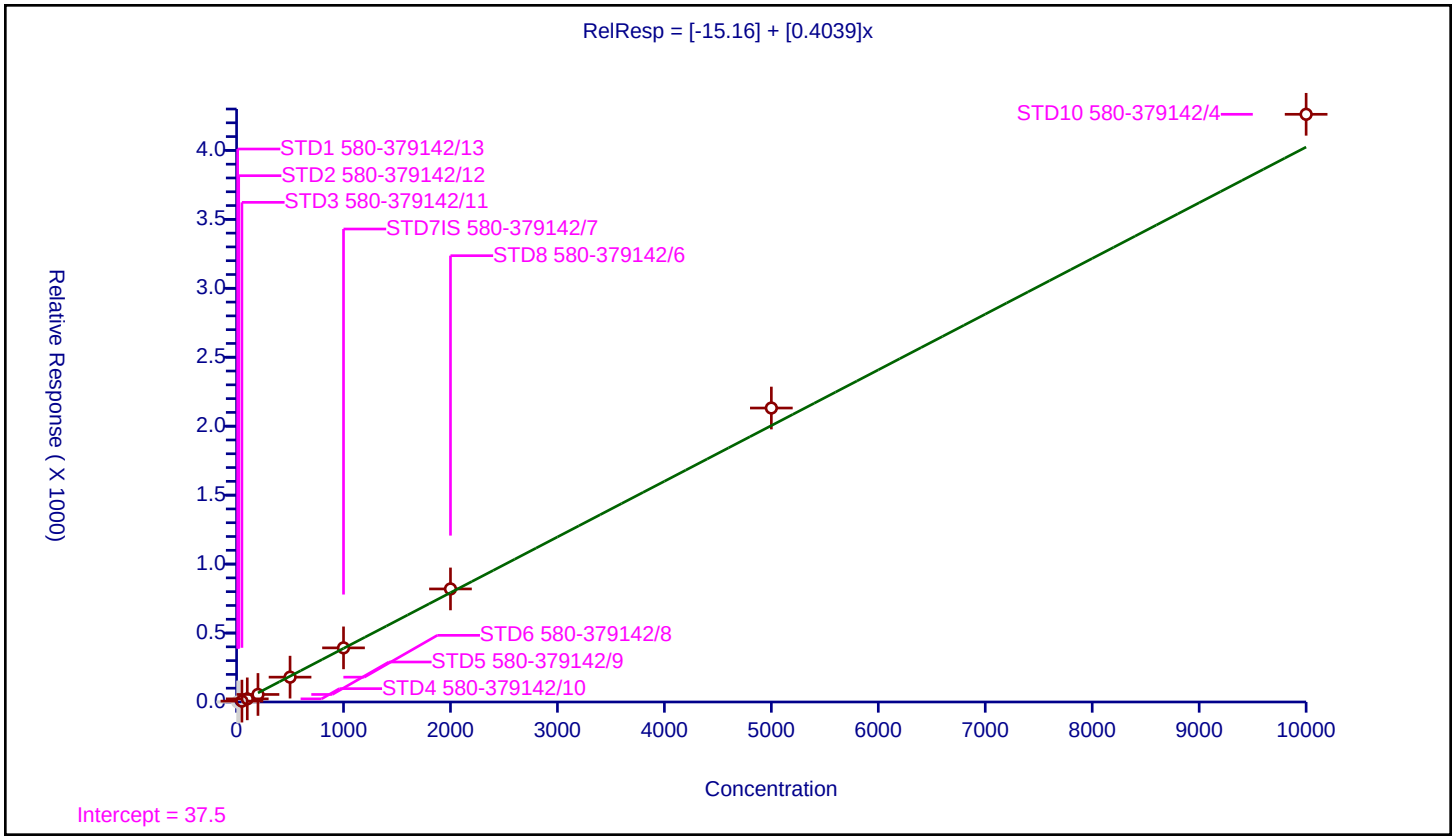
Curve Coefficients

Intercept:	-15.16
Slope:	0.4039

Error Coefficients

Standard Error:	1310000
Relative Standard Error:	7.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	20.0	0.0	100.0	50575.0	0.0	N
3	STD3 580-379142/11	50.0	6.358072	100.0	54246.0	0.127161	Y
4	STD4 580-379142/10	100.0	22.800382	100.0	57635.0	0.228004	Y
5	STD5 580-379142/9	200.0	54.612163	100.0	60644.0	0.273061	Y
6	STD6 580-379142/8	500.0	180.106172	100.0	63105.0	0.360212	Y
7	STD7IS 580-379142/7	1000.0	392.488479	100.0	65313.0	0.392488	Y
8	STD8 580-379142/6	2000.0	819.758664	100.0	65966.0	0.409879	Y
9	STD9 580-379142/5	5000.0	2131.673115	100.0	69529.0	0.426335	Y
10	STD10 580-379142/4	10000.0	4261.676811	100.0	65553.0	0.426168	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

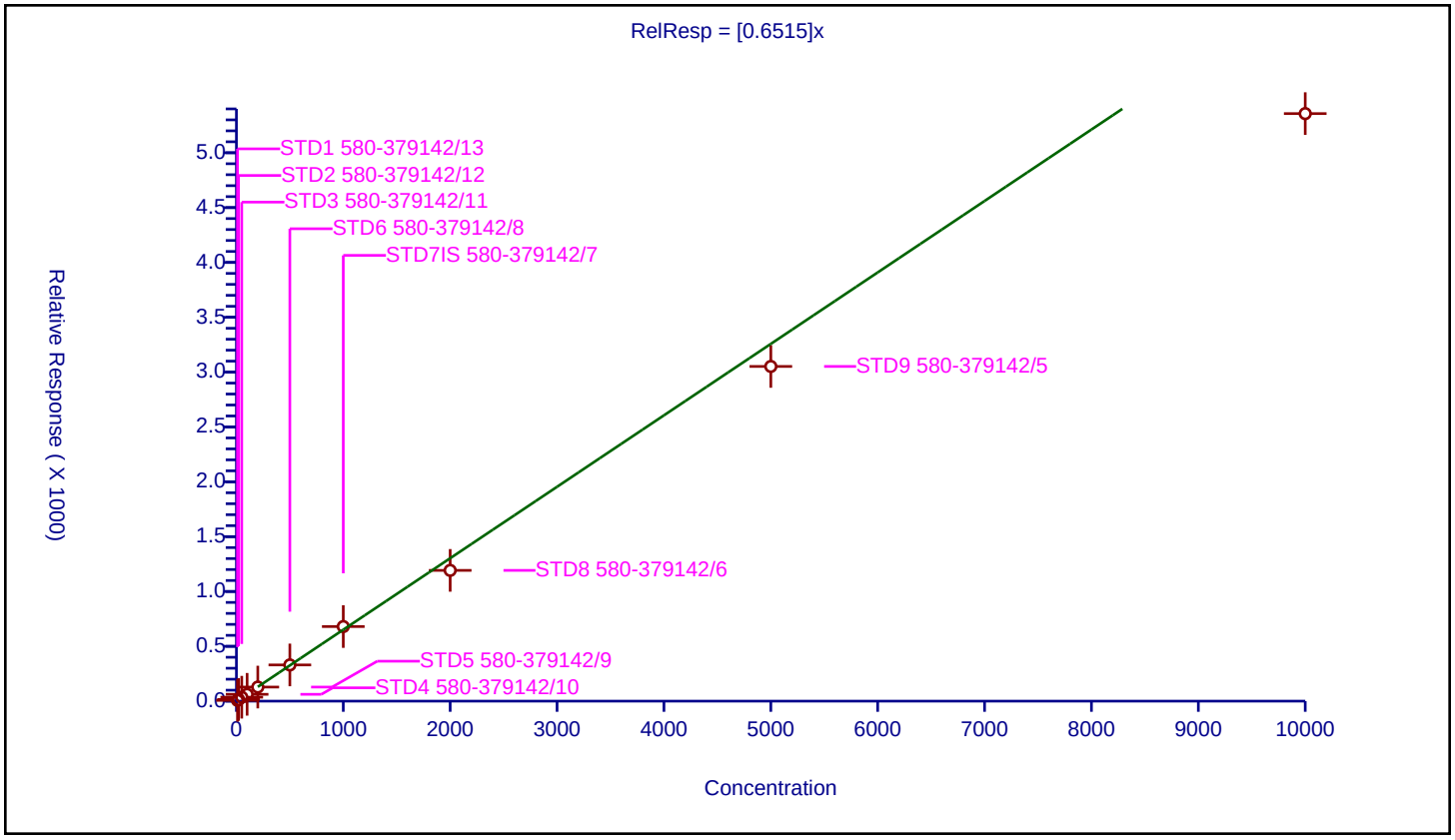
Curve Coefficients

Intercept:	0
Slope:	0.6515

Error Coefficients

Standard Error:	2600000
Relative Standard Error:	9.9
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	6.965388	100.0	102392.0	0.696539	Y
2	STD2 580-379142/12	20.0	15.130798	100.0	109558.0	0.75654	Y
3	STD3 580-379142/11	50.0	35.803219	100.0	120154.0	0.716064	Y
4	STD4 580-379142/10	100.0	62.196862	100.0	126881.0	0.621969	Y
5	STD5 580-379142/9	200.0	128.281366	100.0	121550.0	0.641407	Y
6	STD6 580-379142/8	500.0	330.031464	100.0	117277.0	0.660063	Y
7	STD7IS 580-379142/7	1000.0	679.966694	100.0	118298.0	0.679967	Y
8	STD8 580-379142/6	2000.0	1192.173565	100.0	129957.0	0.596087	Y
9	STD9 580-379142/5	5000.0	3051.666059	100.0	126226.0	0.610333	Y
10	STD10 580-379142/4	10000.0	5356.996266	100.0	122401.0	0.5357	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

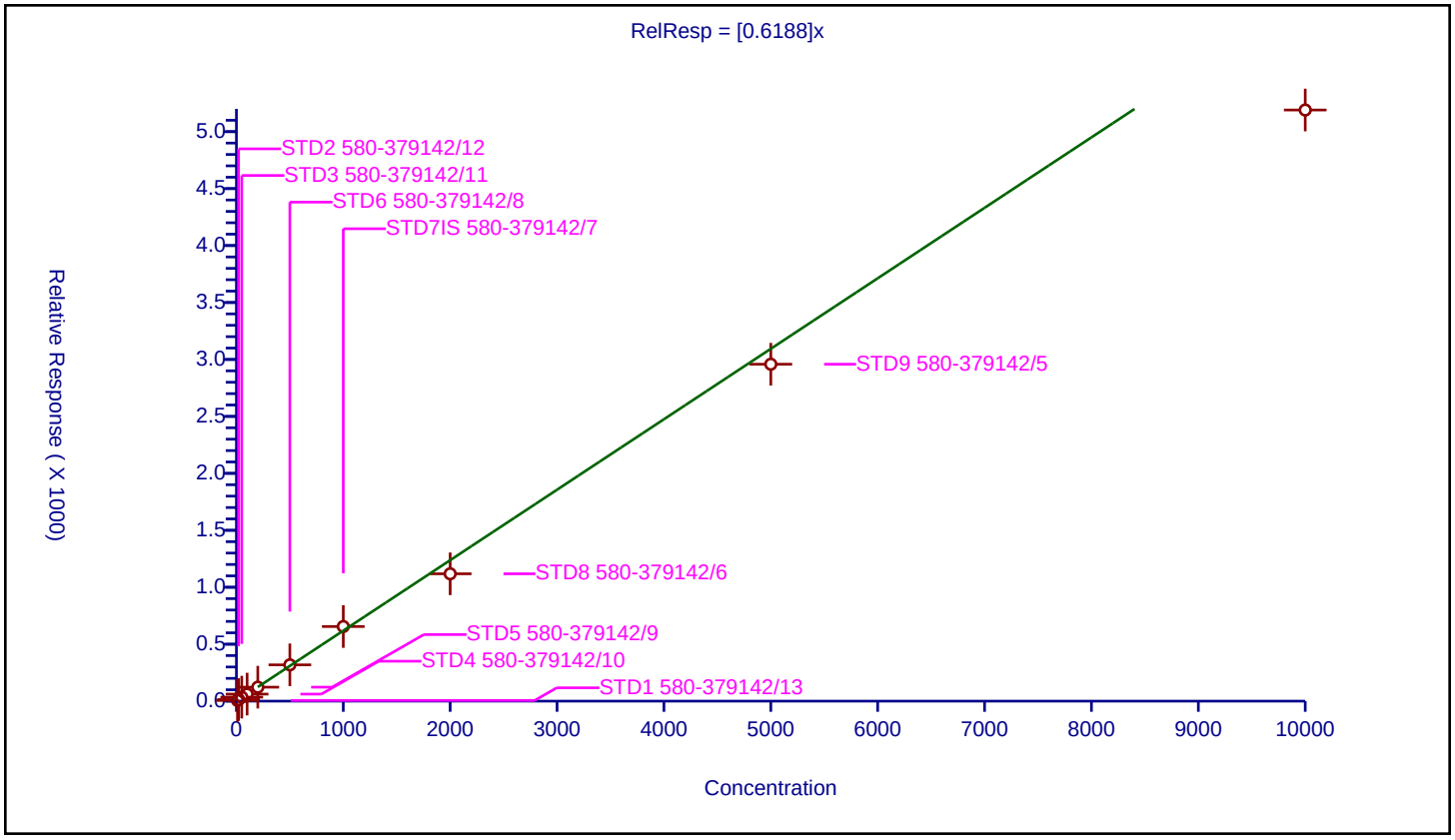
Curve Coefficients

Intercept:	0
Slope:	0.6188

Error Coefficients

Standard Error:	2520000
Relative Standard Error:	8.9
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	6.076647	100.0	102392.0	0.607665	Y
2	STD2 580-379142/12	20.0	13.810037	100.0	109558.0	0.690502	Y
3	STD3 580-379142/11	50.0	34.847779	100.0	120154.0	0.696956	Y
4	STD4 580-379142/10	100.0	61.745257	100.0	126881.0	0.617453	Y
5	STD5 580-379142/9	200.0	122.558618	100.0	121550.0	0.612793	Y
6	STD6 580-379142/8	500.0	318.609787	100.0	117277.0	0.63722	Y
7	STD7IS 580-379142/7	1000.0	655.224095	100.0	118298.0	0.655224	Y
8	STD8 580-379142/6	2000.0	1118.207561	100.0	129957.0	0.559104	Y
9	STD9 580-379142/5	5000.0	2958.297023	100.0	126226.0	0.591659	Y
10	STD10 580-379142/4	10000.0	5190.084231	100.0	122401.0	0.519008	Y



Calibration / Hexachlorocyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

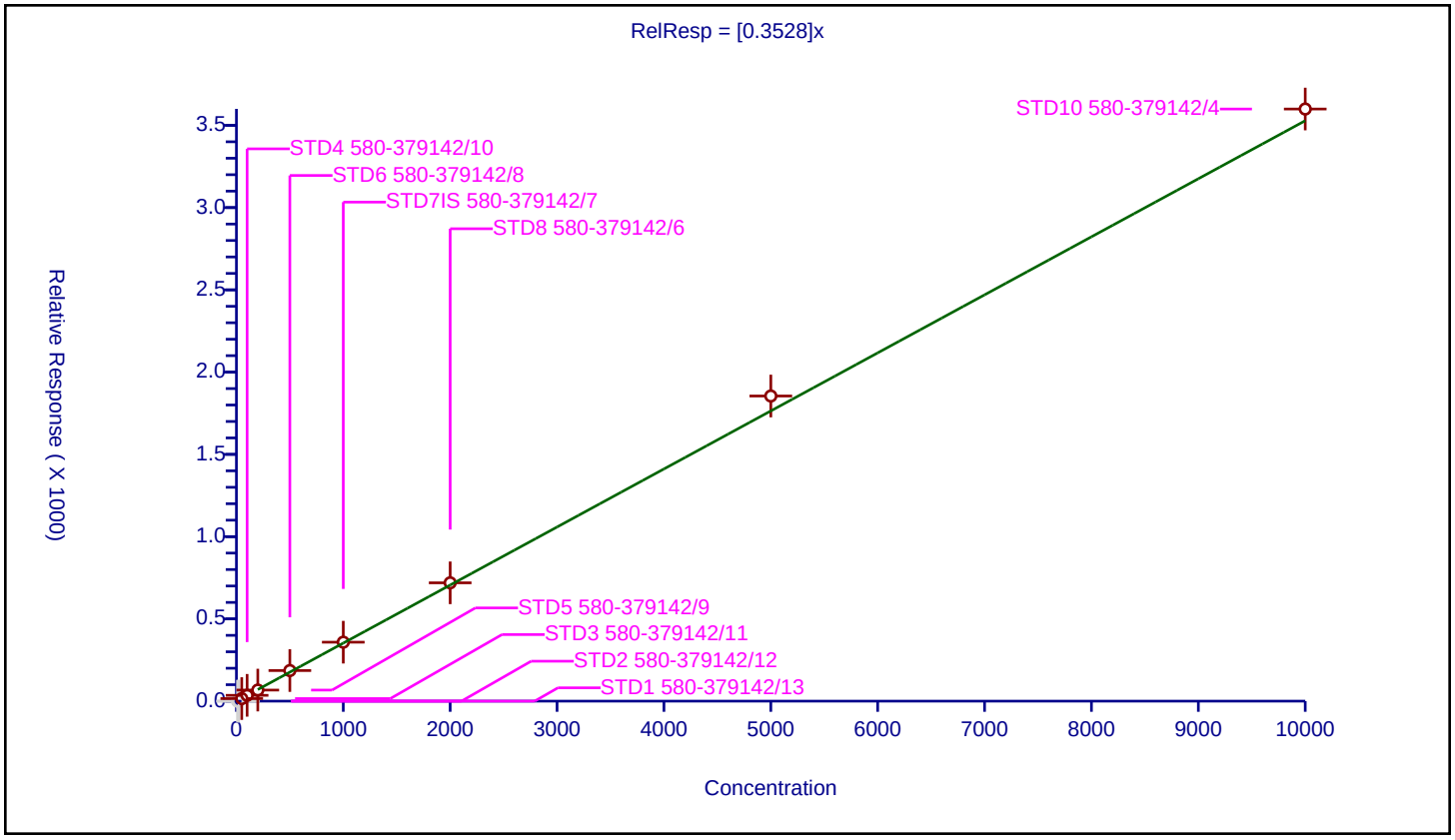
Curve Coefficients

Intercept:	0
Slope:	0.3528

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	5.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	20.0	0.0	100.0	50575.0	0.0	N
3	STD3 580-379142/11	50.0	15.566125	100.0	54246.0	0.311322	Y
4	STD4 580-379142/10	100.0	35.414245	100.0	57635.0	0.354142	Y
5	STD5 580-379142/9	200.0	67.238309	100.0	60644.0	0.336192	Y
6	STD6 580-379142/8	500.0	186.010617	100.0	63105.0	0.372021	Y
7	STD7IS 580-379142/7	1000.0	358.378883	100.0	65313.0	0.358379	Y
8	STD8 580-379142/6	2000.0	719.199284	100.0	65966.0	0.3596	Y
9	STD9 580-379142/5	5000.0	1854.74694	100.0	69529.0	0.370949	Y
10	STD10 580-379142/4	10000.0	3599.109118	100.0	65553.0	0.359911	Y



Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

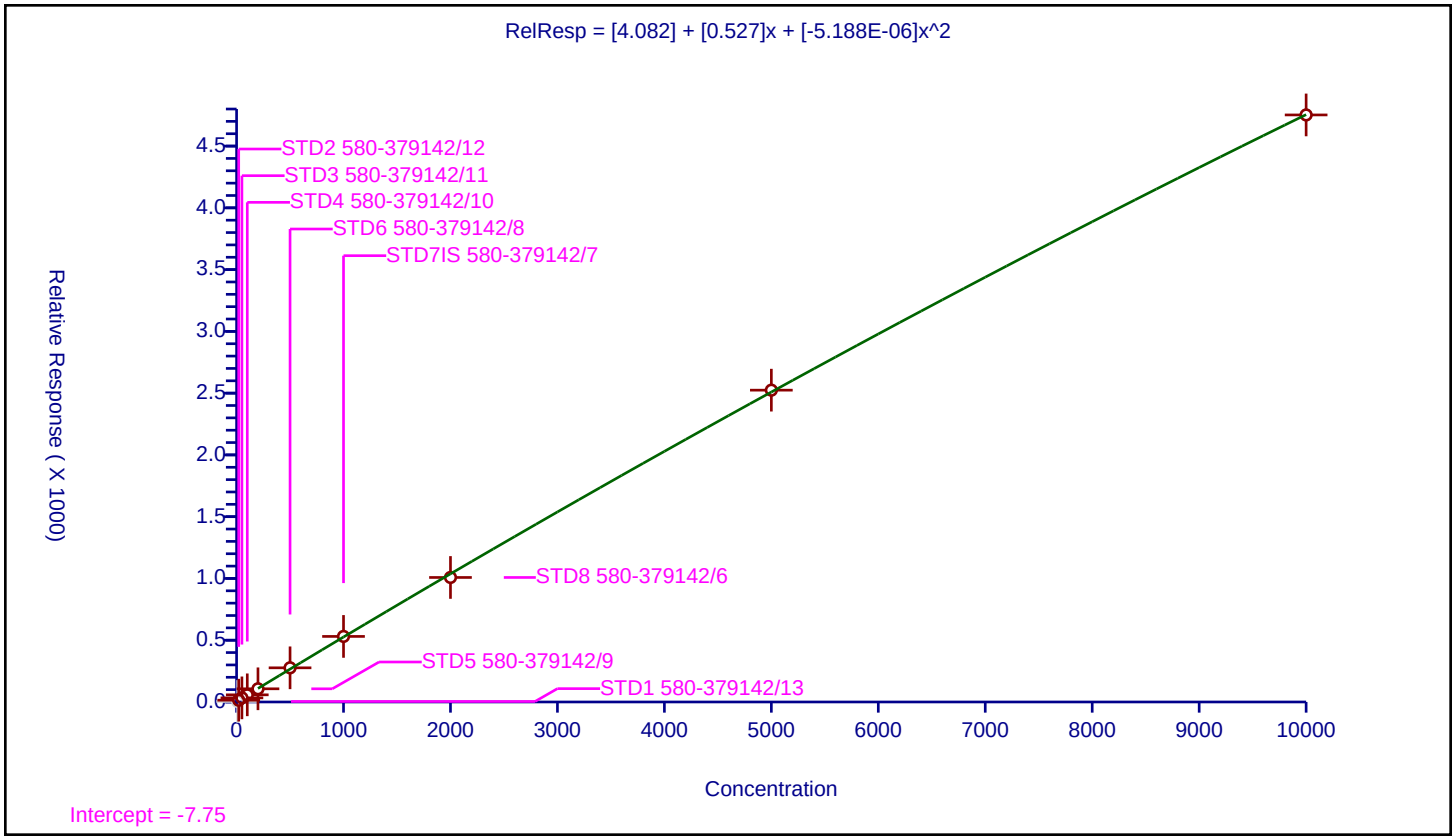
Curve Coefficients

Intercept:	4.082
Slope:	0.527
Second Order:	-5.188E-06

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	5.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	4.185398	100.0	41597.0	0.41854	N
2	STD2 580-379142/12	20.0	14.657439	100.0	50575.0	0.732872	Y
3	STD3 580-379142/11	50.0	33.28909	100.0	54246.0	0.665782	Y
4	STD4 580-379142/10	100.0	57.914462	100.0	57635.0	0.579145	Y
5	STD5 580-379142/9	200.0	106.663479	100.0	60644.0	0.533317	Y
6	STD6 580-379142/8	500.0	276.672213	100.0	63105.0	0.553344	Y
7	STD7IS 580-379142/7	1000.0	530.767229	100.0	65313.0	0.530767	Y
8	STD8 580-379142/6	2000.0	1008.025346	100.0	65966.0	0.504013	Y
9	STD9 580-379142/5	5000.0	2524.171209	100.0	69529.0	0.504834	Y
10	STD10 580-379142/4	10000.0	4752.099828	100.0	65553.0	0.47521	Y



Calibration / 2,4,6-Trichlorophenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

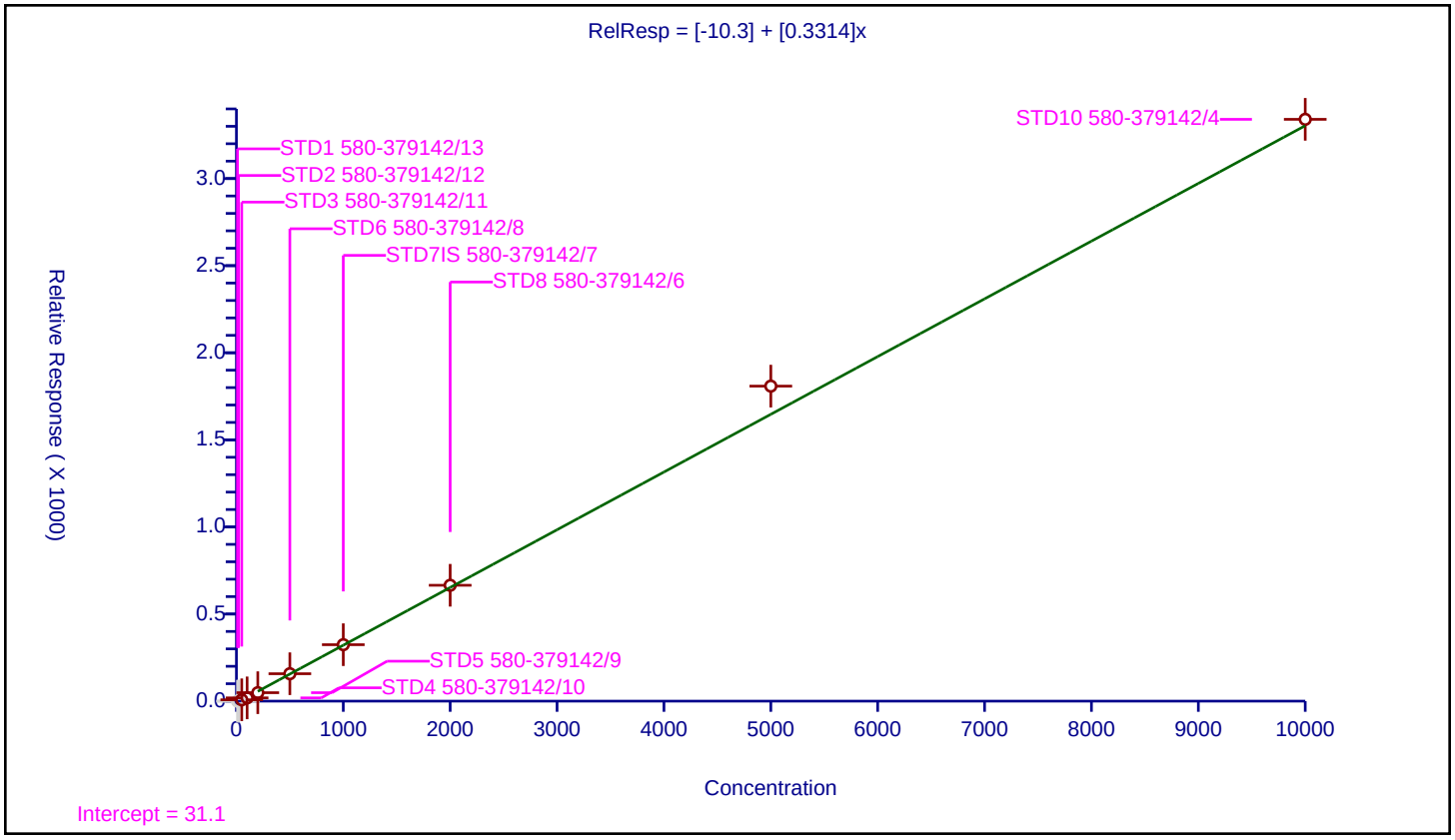
Curve Coefficients

Intercept:	-10.3
Slope:	0.3314

Error Coefficients

Standard Error:	1050000
Relative Standard Error:	8.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	20.0	0.0	100.0	50575.0	0.0	N
3	STD3 580-379142/11	50.0	7.703794	100.0	54246.0	0.154076	Y
4	STD4 580-379142/10	100.0	18.747289	100.0	57635.0	0.187473	Y
5	STD5 580-379142/9	200.0	48.515929	100.0	60644.0	0.24258	Y
6	STD6 580-379142/8	500.0	157.447112	100.0	63105.0	0.314894	Y
7	STD7IS 580-379142/7	1000.0	324.123834	100.0	65313.0	0.324124	Y
8	STD8 580-379142/6	2000.0	665.153261	100.0	65966.0	0.332577	Y
9	STD9 580-379142/5	5000.0	1808.410879	100.0	69529.0	0.361682	Y
10	STD10 580-379142/4	10000.0	3340.054612	100.0	65553.0	0.334005	Y



Calibration / 2,4,5-Trichlorophenol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

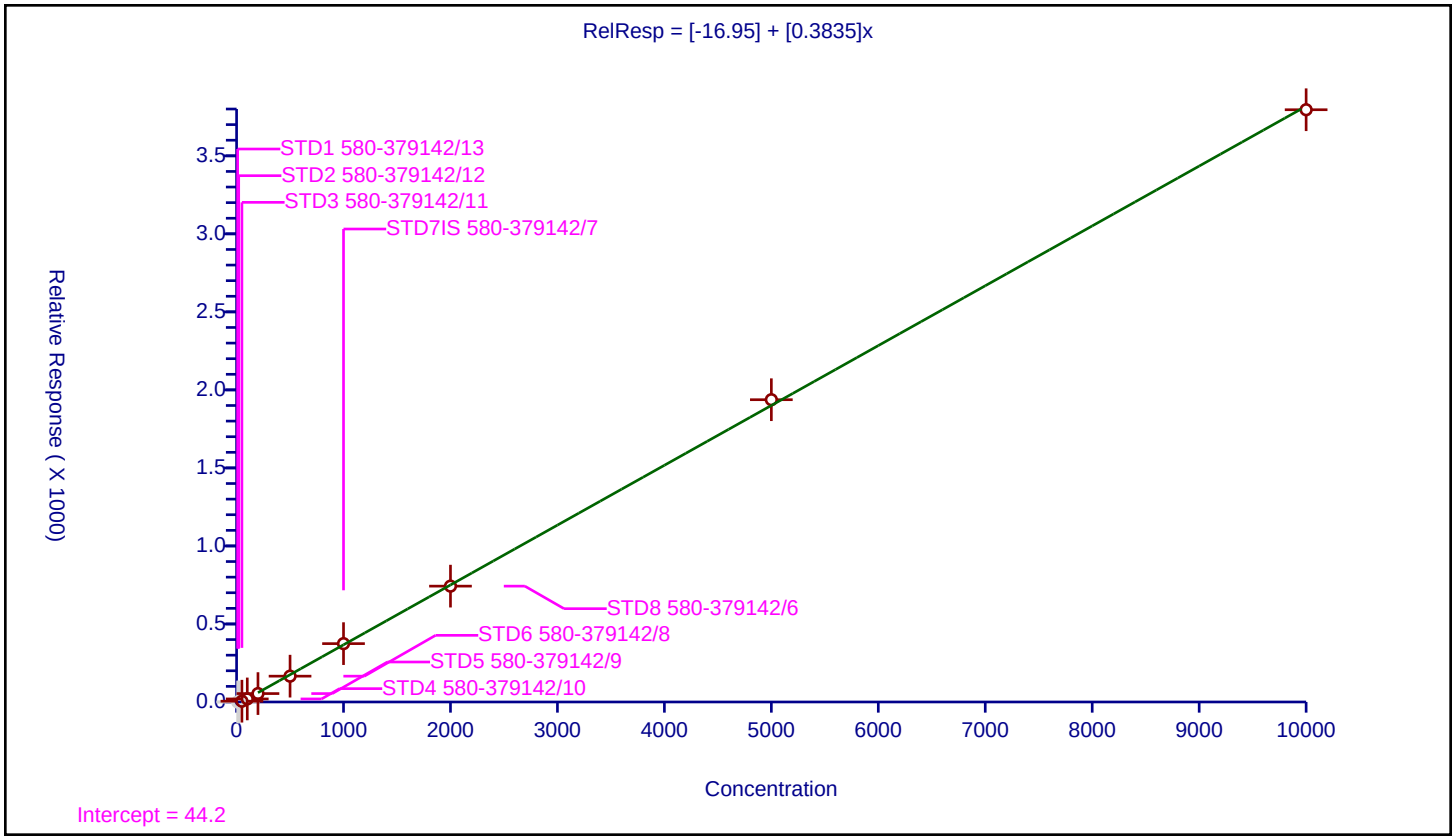
Curve Coefficients

Intercept:	-16.95
Slope:	0.3835

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	7.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	20.0	0.0	100.0	50575.0	0.0	N
3	STD3 580-379142/11	50.0	5.082402	100.0	54246.0	0.101648	Y
4	STD4 580-379142/10	100.0	19.597467	100.0	57635.0	0.195975	Y
5	STD5 580-379142/9	200.0	53.875074	100.0	60644.0	0.269375	Y
6	STD6 580-379142/8	500.0	165.557404	100.0	63105.0	0.331115	Y
7	STD7IS 580-379142/7	1000.0	373.945463	100.0	65313.0	0.373945	Y
8	STD8 580-379142/6	2000.0	742.350605	100.0	65966.0	0.371175	Y
9	STD9 580-379142/5	5000.0	1937.052165	100.0	69529.0	0.38741	Y
10	STD10 580-379142/4	10000.0	3795.344225	100.0	65553.0	0.379534	Y



Calibration / 2-Fluorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

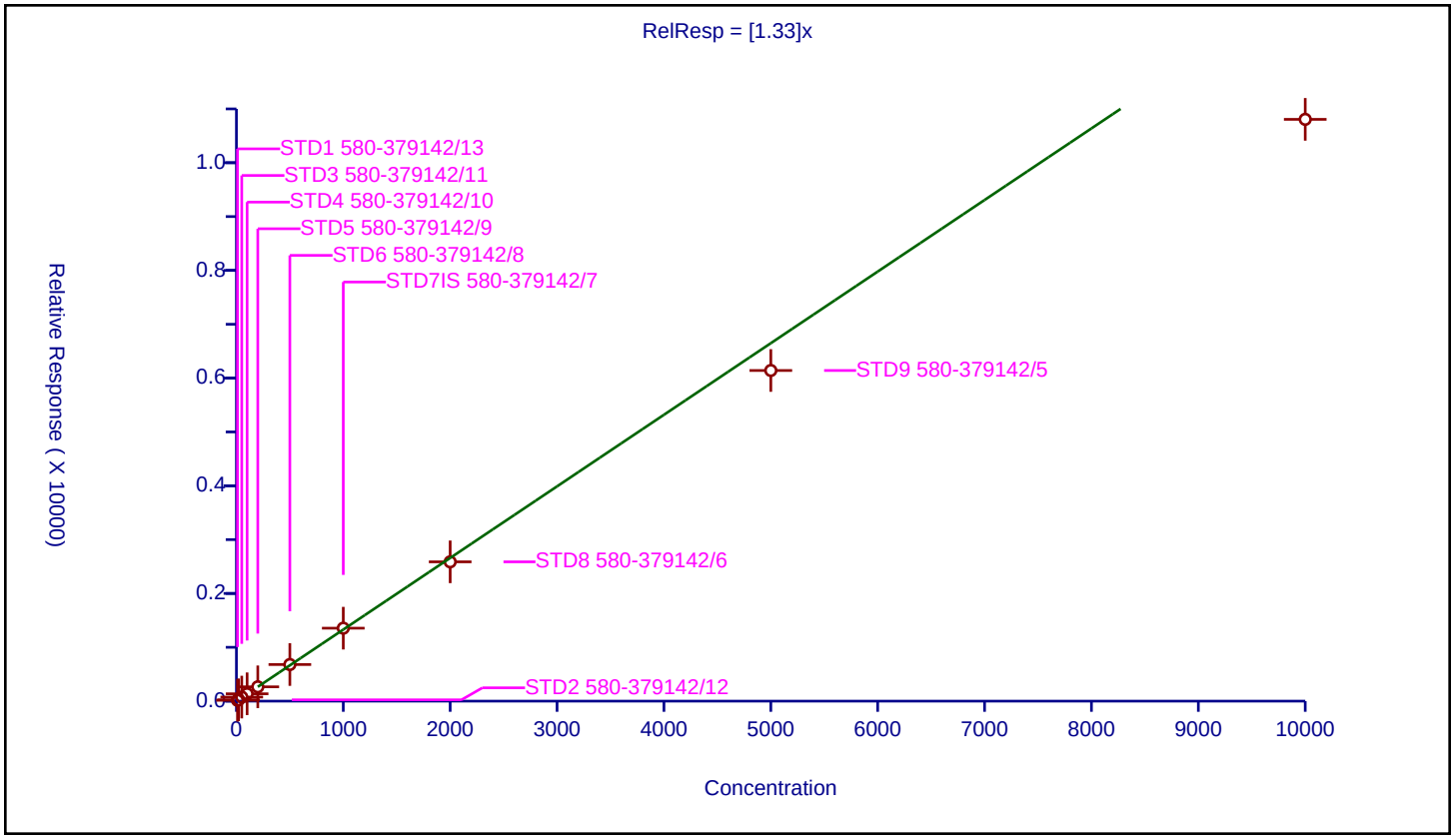
Curve Coefficients

Intercept:	0
Slope:	1.33

Error Coefficients

Standard Error:	2830000
Relative Standard Error:	10.2
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	15.431401	100.0	41597.0	1.54314	Y
2	STD2 580-379142/12	20.0	24.488384	100.0	50575.0	1.224419	Y
3	STD3 580-379142/11	50.0	75.607418	100.0	54246.0	1.512148	Y
4	STD4 580-379142/10	100.0	136.843932	100.0	57635.0	1.368439	Y
5	STD5 580-379142/9	200.0	266.131851	100.0	60644.0	1.330659	Y
6	STD6 580-379142/8	500.0	680.076064	100.0	63105.0	1.360152	Y
7	STD7IS 580-379142/7	1000.0	1355.171252	100.0	65313.0	1.355171	Y
8	STD8 580-379142/6	2000.0	2587.589061	100.0	65966.0	1.293795	Y
9	STD9 580-379142/5	5000.0	6141.423003	100.0	69529.0	1.228285	Y
10	STD10 580-379142/4	10000.0	10805.630558	100.0	65553.0	1.080563	Y



Calibration / 1,1'-Biphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

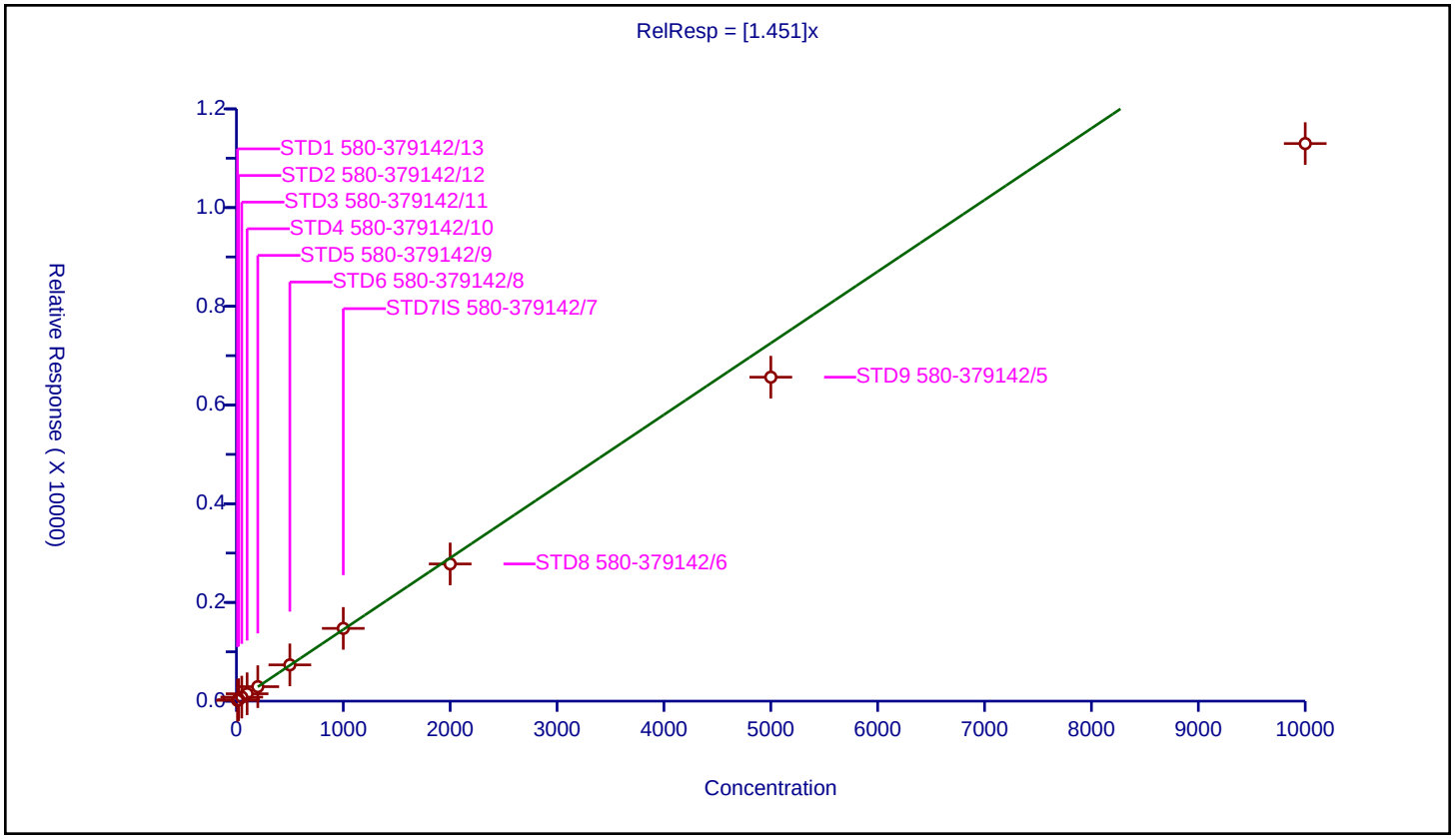
Curve Coefficients

Intercept:	0
Slope:	1.451

Error Coefficients

Standard Error:	2980000
Relative Standard Error:	10.5
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	16.575715	100.0	41597.0	1.657571	Y
2	STD2 580-379142/12	20.0	29.411765	100.0	50575.0	1.470588	Y
3	STD3 580-379142/11	50.0	81.875161	100.0	54246.0	1.637503	Y
4	STD4 580-379142/10	100.0	149.745814	100.0	57635.0	1.497458	Y
5	STD5 580-379142/9	200.0	293.511312	100.0	60644.0	1.467557	Y
6	STD6 580-379142/8	500.0	734.919578	100.0	63105.0	1.469839	Y
7	STD7IS 580-379142/7	1000.0	1474.211872	100.0	65313.0	1.474212	Y
8	STD8 580-379142/6	2000.0	2780.197374	100.0	65966.0	1.390099	Y
9	STD9 580-379142/5	5000.0	6564.203426	100.0	69529.0	1.312841	Y
10	STD10 580-379142/4	10000.0	11297.357863	100.0	65553.0	1.129736	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

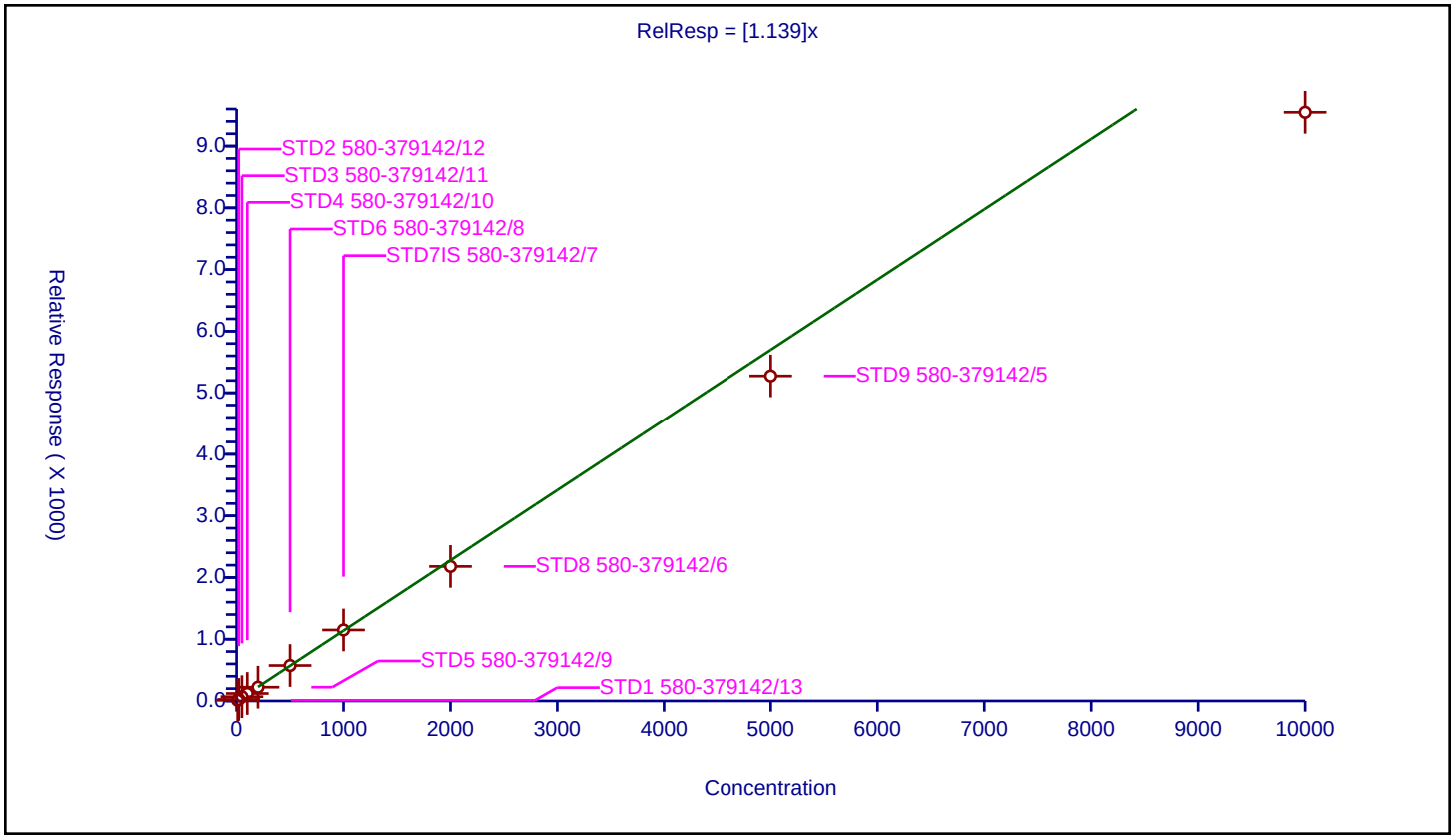
Curve Coefficients

Intercept:	0
Slope:	1.139

Error Coefficients

Standard Error:	2480000
Relative Standard Error:	10.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	10.462293	100.0	41597.0	1.046229	Y
2	STD2 580-379142/12	20.0	24.767177	100.0	50575.0	1.238359	Y
3	STD3 580-379142/11	50.0	69.271467	100.0	54246.0	1.385429	Y
4	STD4 580-379142/10	100.0	121.195454	100.0	57635.0	1.211955	Y
5	STD5 580-379142/9	200.0	222.97177	100.0	60644.0	1.114859	Y
6	STD6 580-379142/8	500.0	574.106648	100.0	63105.0	1.148213	Y
7	STD7IS 580-379142/7	1000.0	1149.882872	100.0	65313.0	1.149883	Y
8	STD8 580-379142/6	2000.0	2179.336325	100.0	65966.0	1.089668	Y
9	STD9 580-379142/5	5000.0	5274.105769	100.0	69529.0	1.054821	Y
10	STD10 580-379142/4	10000.0	9546.722499	100.0	65553.0	0.954672	Y



Calibration / 2-Nitroaniline

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

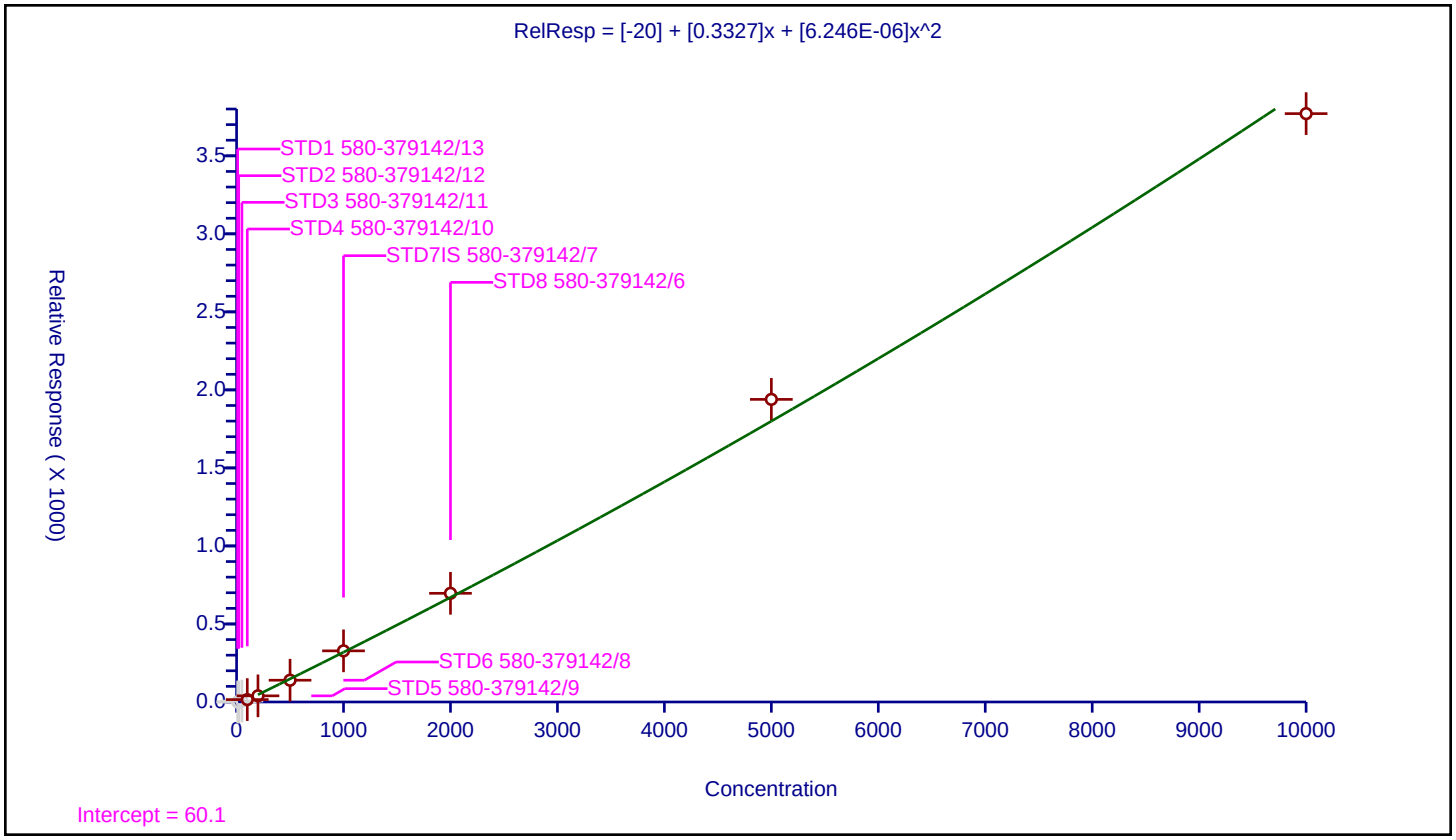
Curve Coefficients

Intercept:	-20
Slope:	0.3327
Second Order:	6.246E-06

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	8.1
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	20.0	0.0	100.0	50575.0	0.0	N
3	STD3 580-379142/11	50.0	5.939608	100.0	54246.0	0.118792	N
4	STD4 580-379142/10	100.0	15.313612	100.0	57635.0	0.153136	Y
5	STD5 580-379142/9	200.0	39.402084	100.0	60644.0	0.19701	Y
6	STD6 580-379142/8	500.0	139.562634	100.0	63105.0	0.279125	Y
7	STD7IS 580-379142/7	1000.0	327.697396	100.0	65313.0	0.327697	Y
8	STD8 580-379142/6	2000.0	696.528515	100.0	65966.0	0.348264	Y
9	STD9 580-379142/5	5000.0	1939.242618	100.0	69529.0	0.387849	Y
10	STD10 580-379142/4	10000.0	3770.452916	100.0	65553.0	0.377045	Y



Calibration / Dimethyl phthalate

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

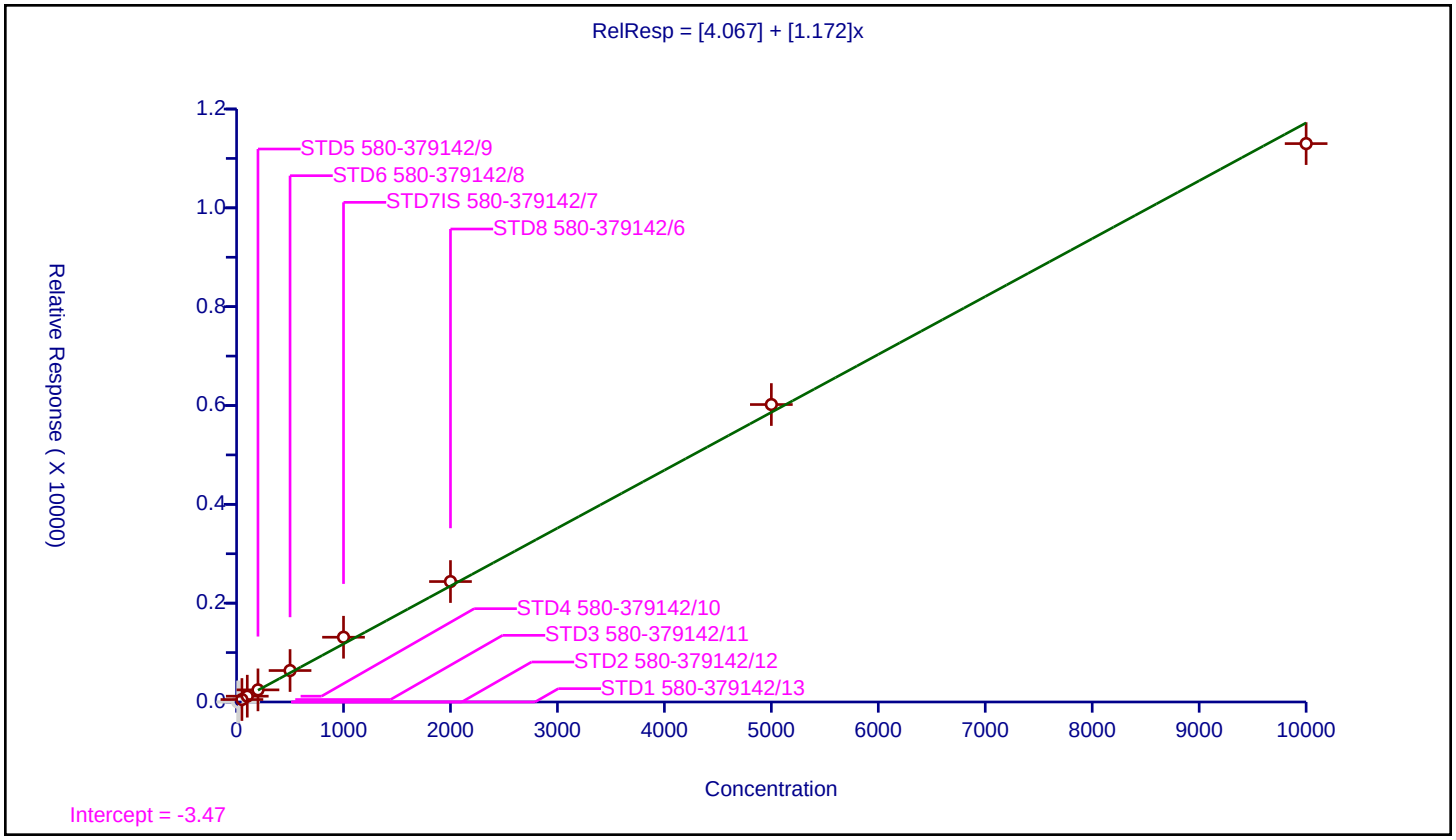
Curve Coefficients

Intercept:	4.067
Slope:	1.172

Error Coefficients

Standard Error:	3550000
Relative Standard Error:	11.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	20.0	0.0	100.0	50575.0	0.0	N
3	STD3 580-379142/11	50.0	49.806437	100.0	54246.0	0.996129	Y
4	STD4 580-379142/10	100.0	117.267286	100.0	57635.0	1.172673	Y
5	STD5 580-379142/9	200.0	245.056395	100.0	60644.0	1.225282	Y
6	STD6 580-379142/8	500.0	636.50107	100.0	63105.0	1.273002	Y
7	STD7IS 580-379142/7	1000.0	1310.486427	100.0	65313.0	1.310486	Y
8	STD8 580-379142/6	2000.0	2437.270715	100.0	65966.0	1.218635	Y
9	STD9 580-379142/5	5000.0	6019.798933	100.0	69529.0	1.20396	Y
10	STD10 580-379142/4	10000.0	11300.010678	100.0	65553.0	1.130001	Y



Calibration / 1,3-Dinitrobenzene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

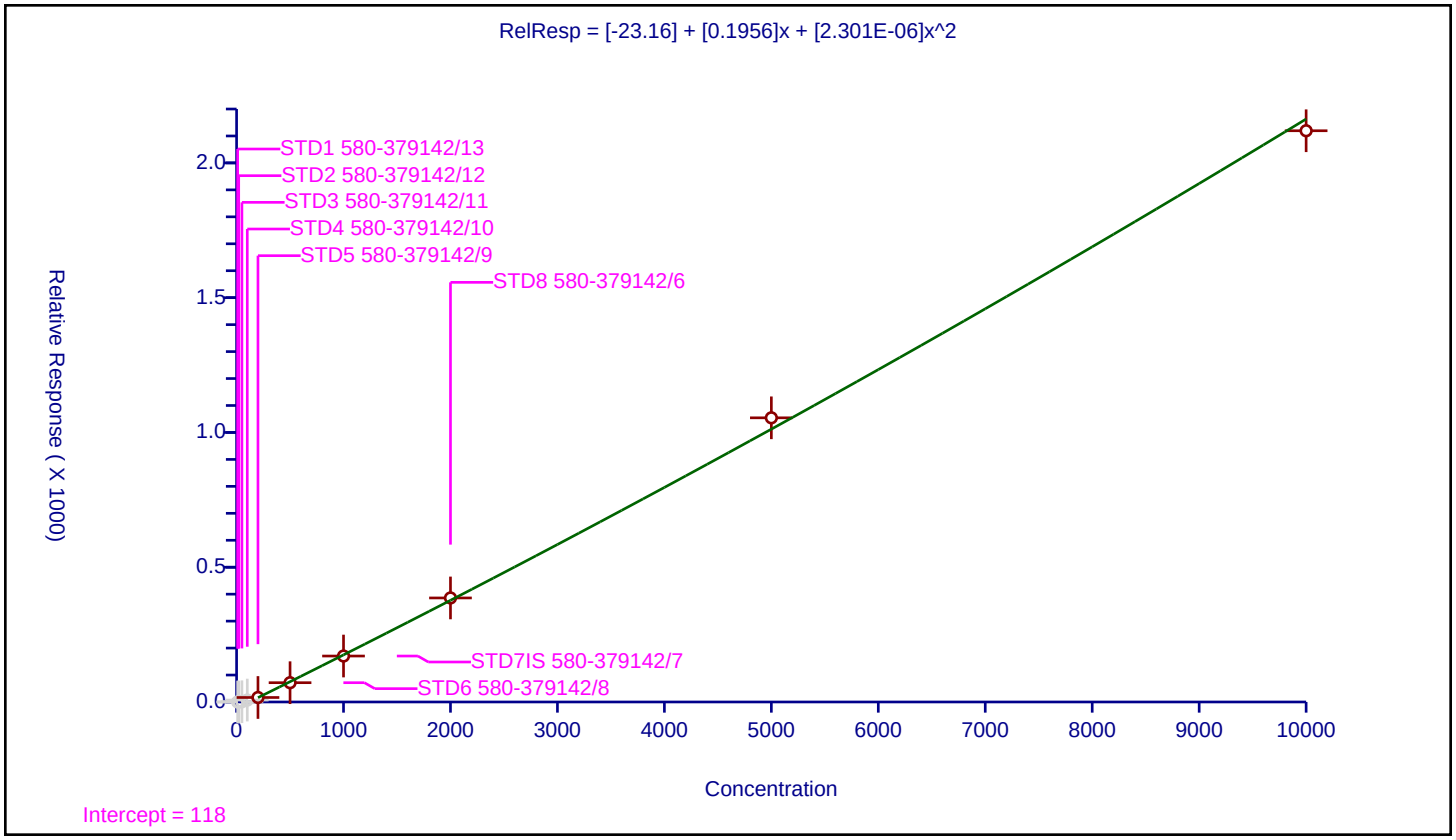
Curve Coefficients

Intercept:	-23.16
Slope:	0.1956
Second Order:	2.301E-06

Error Coefficients

Standard Error:	920000
Relative Standard Error:	3.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	20.0	0.0	100.0	50575.0	0.0	N
3	STD3 580-379142/11	50.0	0.905136	100.0	54246.0	0.018103	N
4	STD4 580-379142/10	100.0	7.212631	100.0	57635.0	0.072126	N
5	STD5 580-379142/9	200.0	16.66117	100.0	60644.0	0.083306	Y
6	STD6 580-379142/8	500.0	71.566437	100.0	63105.0	0.143133	Y
7	STD7IS 580-379142/7	1000.0	170.486733	100.0	65313.0	0.170487	Y
8	STD8 580-379142/6	2000.0	386.041294	100.0	65966.0	0.193021	Y
9	STD9 580-379142/5	5000.0	1054.283824	100.0	69529.0	0.210857	Y
10	STD10 580-379142/4	10000.0	2119.340076	100.0	65553.0	0.211934	Y



Calibration / 2,6-Dinitrotoluene

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

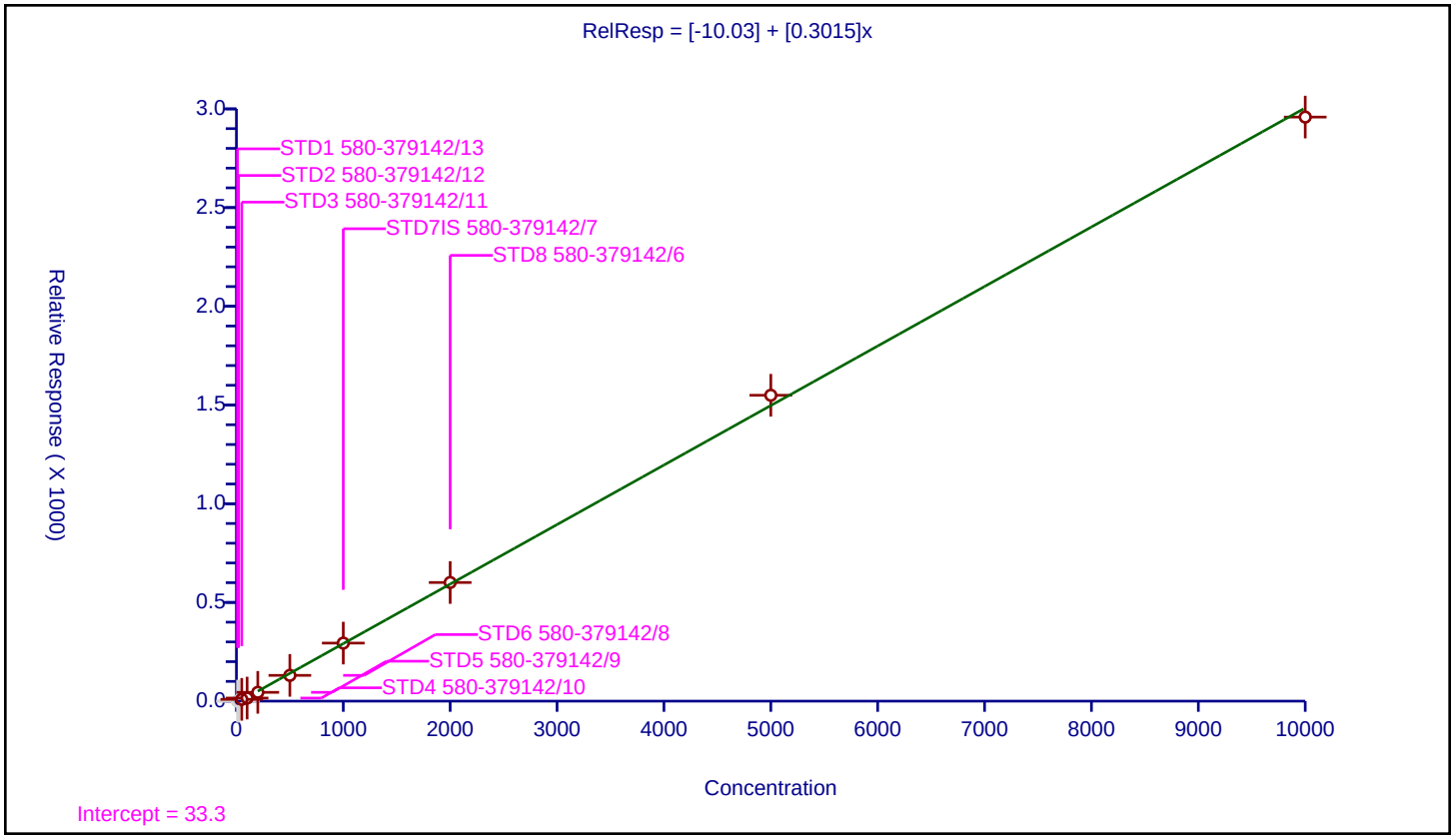
Curve Coefficients

Intercept:	-10.03
Slope:	0.3015

Error Coefficients

Standard Error:	923000
Relative Standard Error:	13.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	20.0	0.0	100.0	50575.0	0.0	N
3	STD3 580-379142/11	50.0	9.123253	100.0	54246.0	0.182465	Y
4	STD4 580-379142/10	100.0	15.613776	100.0	57635.0	0.156138	Y
5	STD5 580-379142/9	200.0	44.558406	100.0	60644.0	0.222792	Y
6	STD6 580-379142/8	500.0	130.545916	100.0	63105.0	0.261092	Y
7	STD7IS 580-379142/7	1000.0	294.034878	100.0	65313.0	0.294035	Y
8	STD8 580-379142/6	2000.0	600.945942	100.0	65966.0	0.300473	Y
9	STD9 580-379142/5	5000.0	1549.38371	100.0	69529.0	0.309877	Y
10	STD10 580-379142/4	10000.0	2958.592284	100.0	65553.0	0.295859	Y



Calibration / Acenaphthylene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

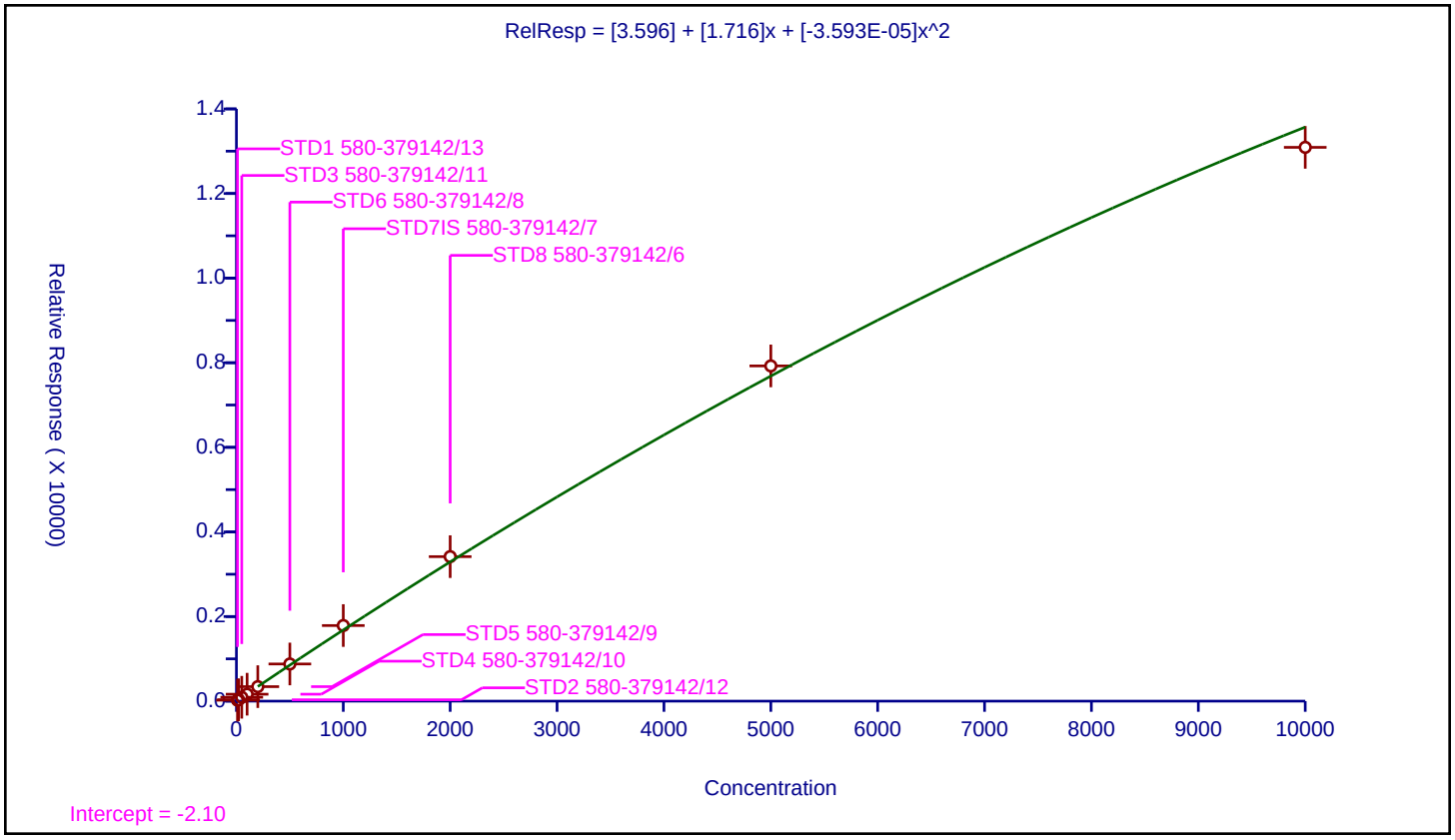
Curve Coefficients

Intercept:	3.596
Slope:	1.716
Second Order:	-3.593E-05

Error Coefficients

Standard Error:	3970000
Relative Standard Error:	8.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	22.186696	100.0	41597.0	2.21867	Y
2	STD2 580-379142/12	20.0	32.126545	100.0	50575.0	1.606327	Y
3	STD3 580-379142/11	50.0	91.757918	100.0	54246.0	1.835158	Y
4	STD4 580-379142/10	100.0	163.964605	100.0	57635.0	1.639646	Y
5	STD5 580-379142/9	200.0	342.561506	100.0	60644.0	1.712808	Y
6	STD6 580-379142/8	500.0	878.589652	100.0	63105.0	1.757179	Y
7	STD7IS 580-379142/7	1000.0	1787.393015	100.0	65313.0	1.787393	Y
8	STD8 580-379142/6	2000.0	3416.141649	100.0	65966.0	1.708071	Y
9	STD9 580-379142/5	5000.0	7924.083476	100.0	69529.0	1.584817	Y
10	STD10 580-379142/4	10000.0	13090.937104	100.0	65553.0	1.309094	Y



Calibration / 3-Nitroaniline

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

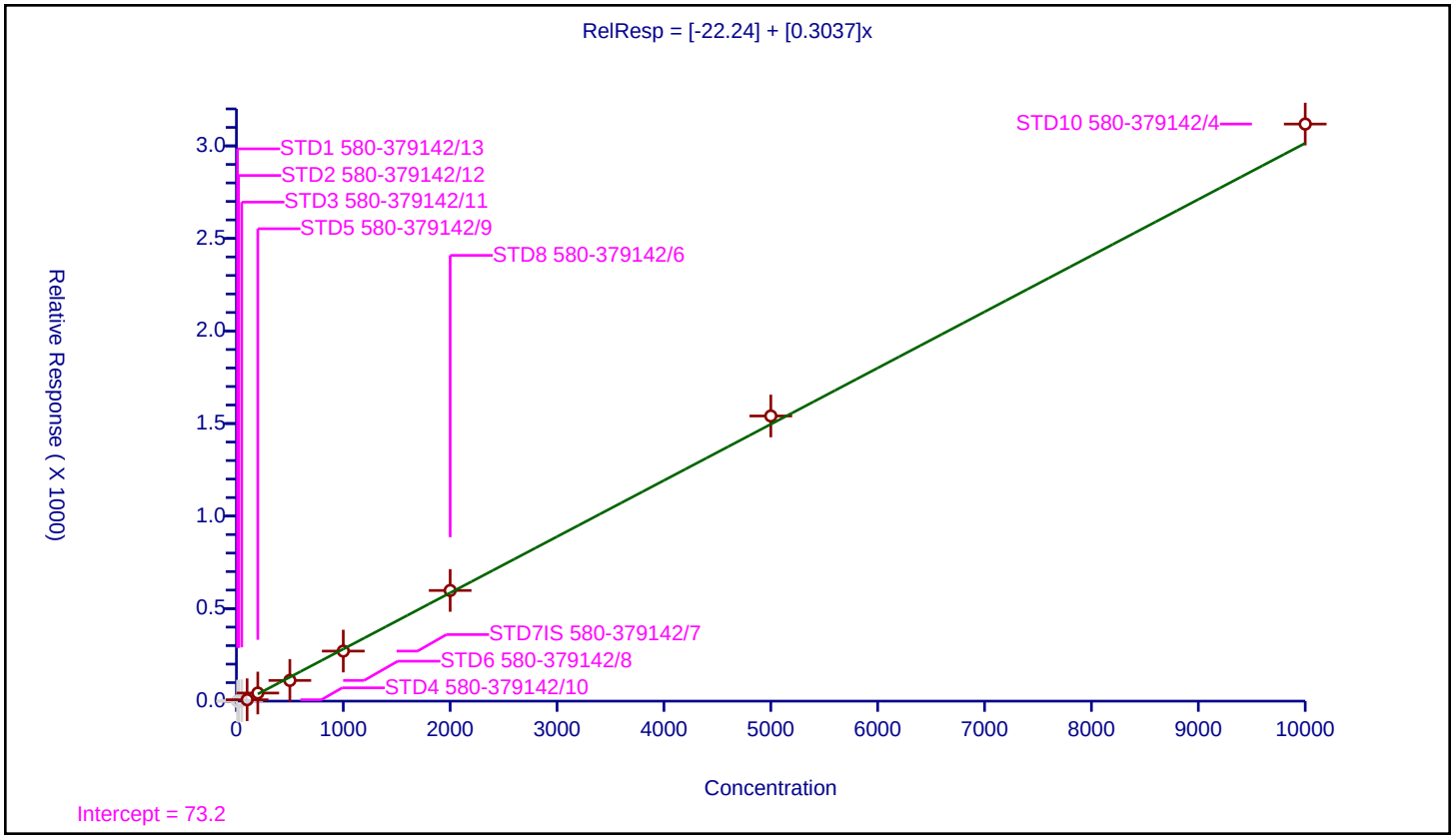
Curve Coefficients

Intercept:	-22.24
Slope:	0.3037

Error Coefficients

Standard Error:	1050000
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	20.0	0.0	100.0	50575.0	0.0	N
3	STD3 580-379142/11	50.0	2.674852	100.0	54246.0	0.053497	N
4	STD4 580-379142/10	100.0	7.564848	100.0	57635.0	0.075648	Y
5	STD5 580-379142/9	200.0	43.783392	100.0	60644.0	0.218917	Y
6	STD6 580-379142/8	500.0	111.829491	100.0	63105.0	0.223659	Y
7	STD7IS 580-379142/7	1000.0	270.514293	100.0	65313.0	0.270514	Y
8	STD8 580-379142/6	2000.0	597.938332	100.0	65966.0	0.298969	Y
9	STD9 580-379142/5	5000.0	1540.770038	100.0	69529.0	0.308154	Y
10	STD10 580-379142/4	10000.0	3118.147148	100.0	65553.0	0.311815	Y



Calibration / Acenaphthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

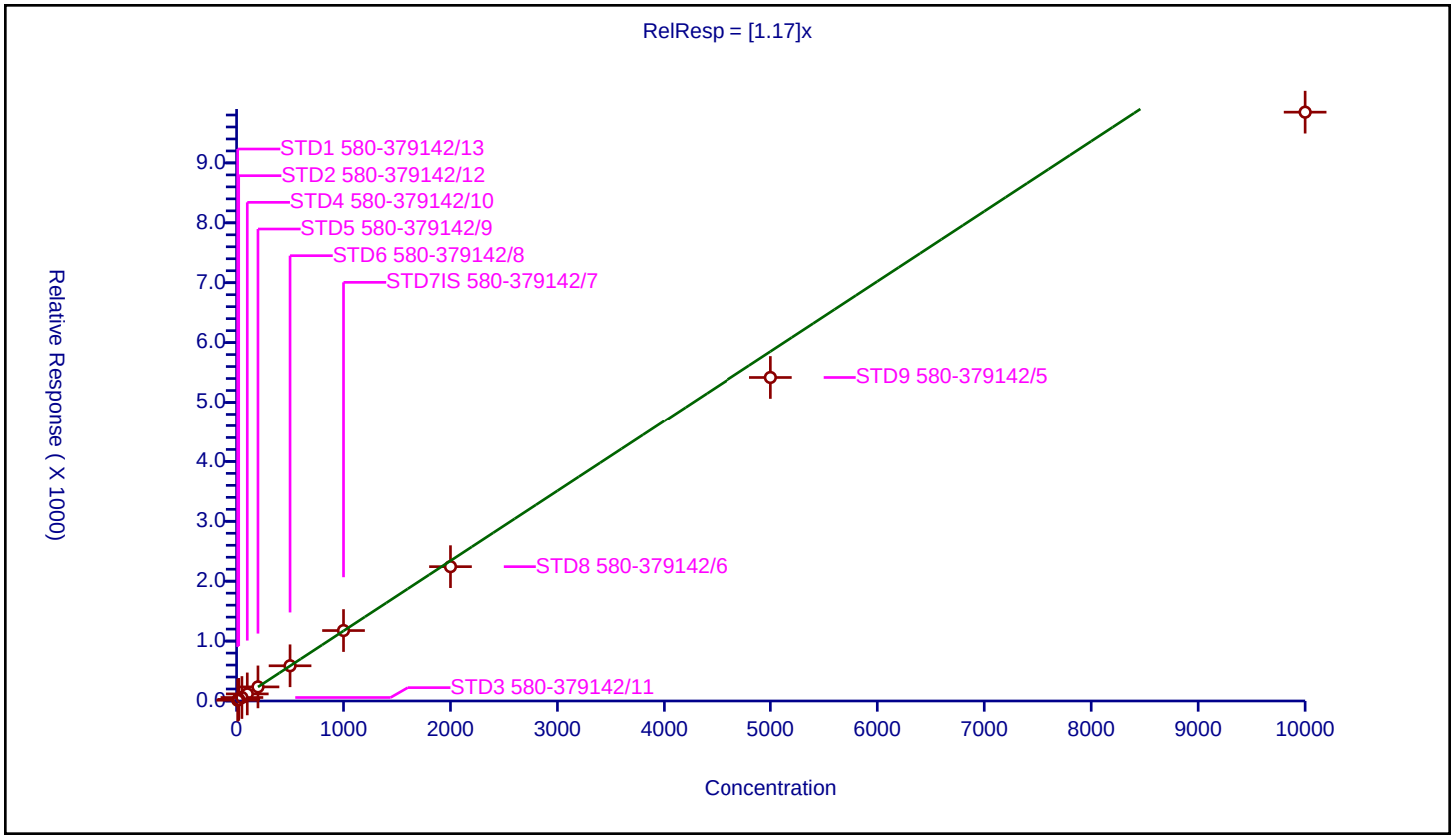
Curve Coefficients

Intercept:	0
Slope:	1.17

Error Coefficients

Standard Error:	2550000
Relative Standard Error:	8.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	12.897565	100.0	41597.0	1.289756	Y
2	STD2 580-379142/12	20.0	26.956006	100.0	50575.0	1.3478	Y
3	STD3 580-379142/11	50.0	58.243926	100.0	54246.0	1.164879	Y
4	STD4 580-379142/10	100.0	118.303114	100.0	57635.0	1.183031	Y
5	STD5 580-379142/9	200.0	235.147748	100.0	60644.0	1.175739	Y
6	STD6 580-379142/8	500.0	587.685603	100.0	63105.0	1.175371	Y
7	STD7IS 580-379142/7	1000.0	1176.16401	100.0	65313.0	1.176164	Y
8	STD8 580-379142/6	2000.0	2242.955462	100.0	65966.0	1.121478	Y
9	STD9 580-379142/5	5000.0	5417.640121	100.0	69529.0	1.083528	Y
10	STD10 580-379142/4	10000.0	9847.488292	100.0	65553.0	0.984749	Y



Calibration / 2,4-Dinitrophenol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

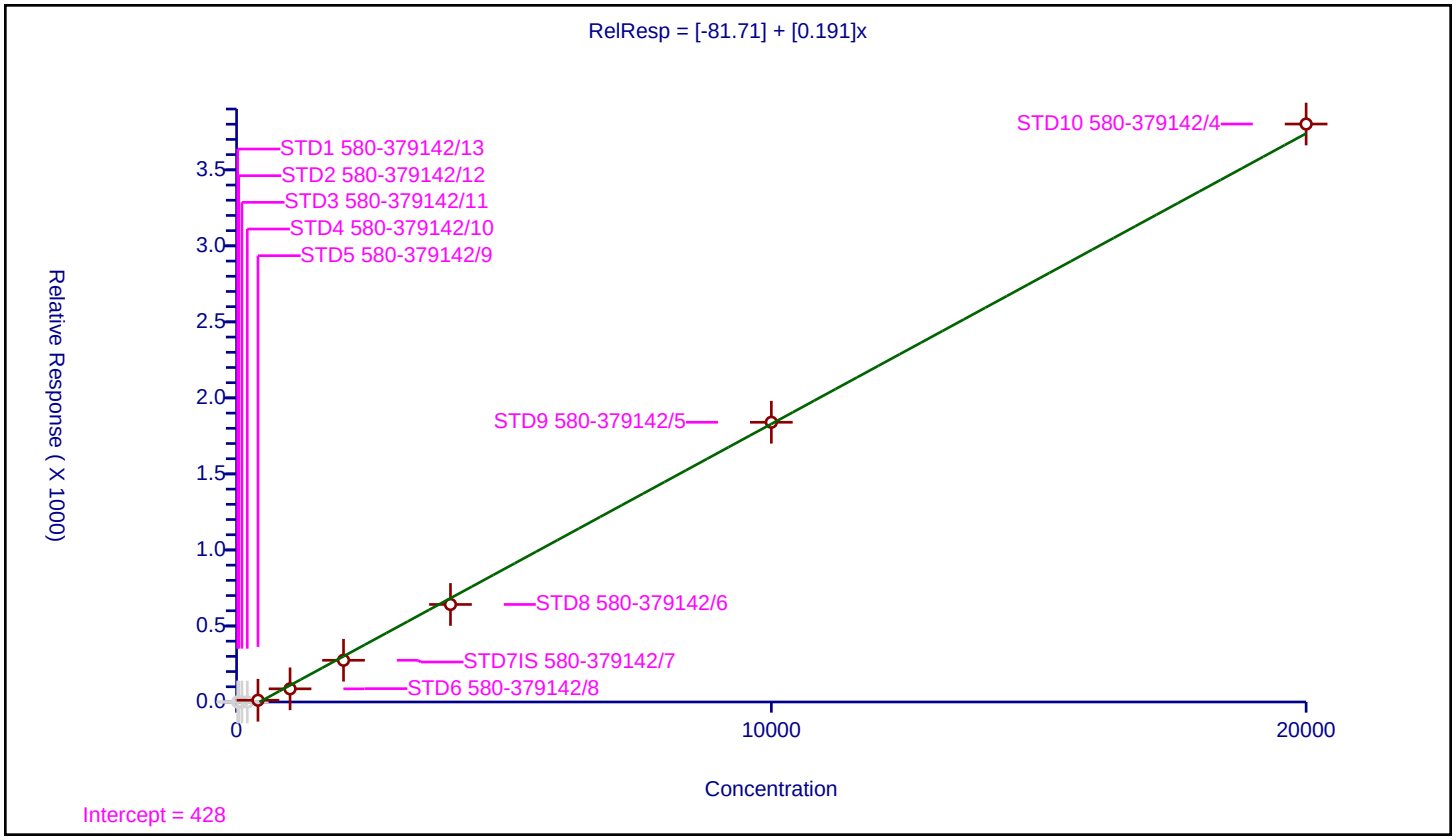
Curve Coefficients

Intercept:	-81.71
Slope:	0.191

Error Coefficients

Standard Error:	1420000
Relative Standard Error:	13.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	20.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	40.0	0.0	100.0	50575.0	0.0	N
3	STD3 580-379142/11	100.0	0.0	100.0	54246.0	0.0	N
4	STD4 580-379142/10	200.0	0.0	100.0	57635.0	0.0	N
5	STD5 580-379142/9	400.0	11.4224	100.0	60644.0	0.028556	Y
6	STD6 580-379142/8	1000.0	86.628635	100.0	63105.0	0.086629	Y
7	STD7IS 580-379142/7	2000.0	274.346608	100.0	65313.0	0.137173	Y
8	STD8 580-379142/6	4000.0	641.486523	100.0	65966.0	0.160372	Y
9	STD9 580-379142/5	10000.0	1839.730185	100.0	69529.0	0.183973	Y
10	STD10 580-379142/4	20000.0	3801.256998	100.0	65553.0	0.190063	Y



Calibration / 4-Nitrophenol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

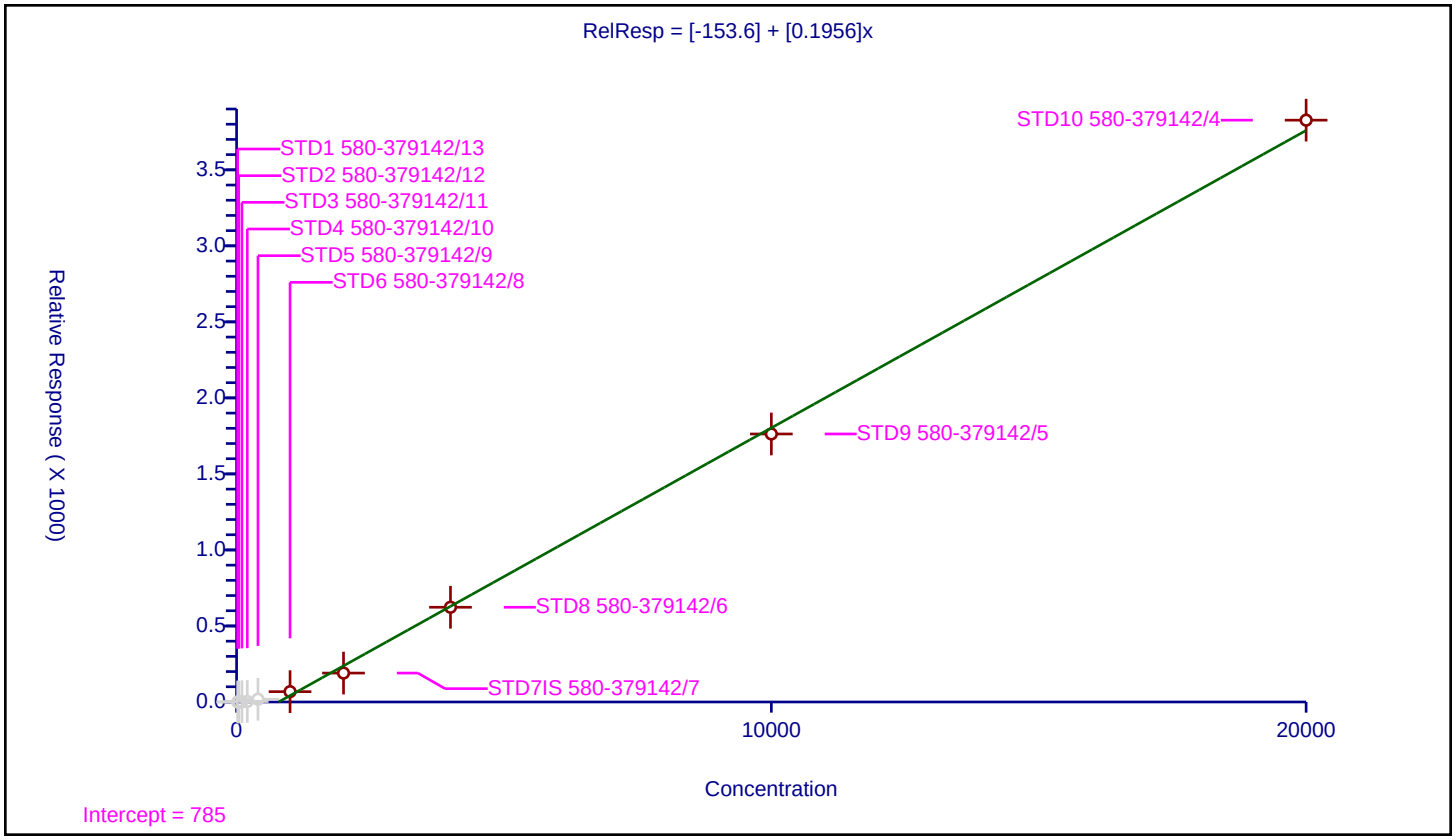
Curve Coefficients

Intercept:	-153.6
Slope:	0.1956

Error Coefficients

Standard Error:	1630000
Relative Standard Error:	10.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	20.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	40.0	0.0	100.0	50575.0	0.0	N
3	STD3 580-379142/11	100.0	1.810272	100.0	54246.0	0.018103	N
4	STD4 580-379142/10	200.0	3.277522	100.0	57635.0	0.016388	N
5	STD5 580-379142/9	400.0	18.235934	100.0	60644.0	0.04559	N
6	STD6 580-379142/8	1000.0	67.875763	100.0	63105.0	0.067876	Y
7	STD7IS 580-379142/7	2000.0	190.133664	100.0	65313.0	0.095067	Y
8	STD8 580-379142/6	4000.0	623.107358	100.0	65966.0	0.155777	Y
9	STD9 580-379142/5	10000.0	1762.772368	100.0	69529.0	0.176277	Y
10	STD10 580-379142/4	20000.0	3826.737144	100.0	65553.0	0.191337	Y



Calibration / 2,4-Dinitrotoluene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

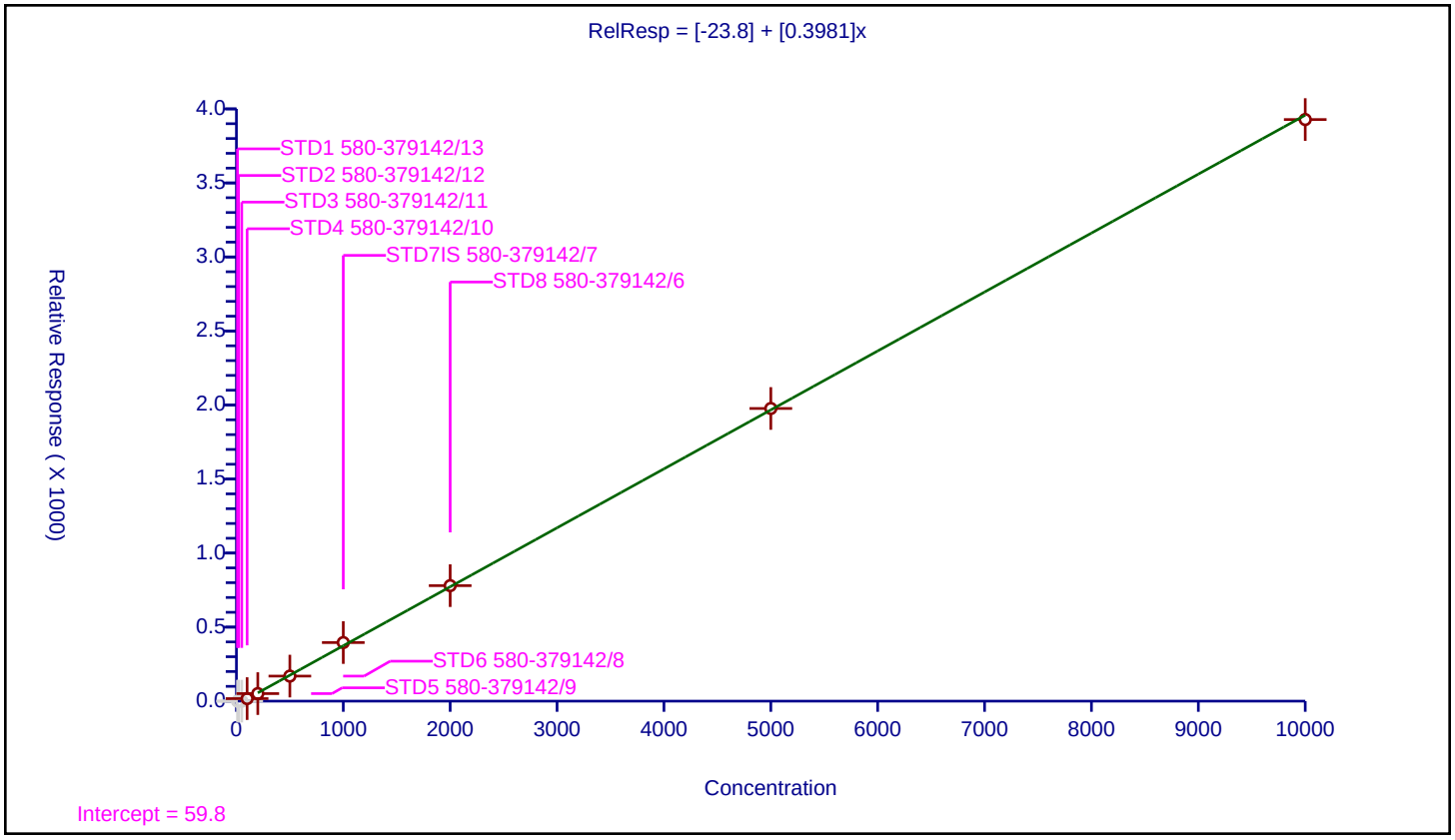
Curve Coefficients

Intercept:	-23.8
Slope:	0.3981

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	4.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	20.0	0.0	100.0	50575.0	0.0	N
3	STD3 580-379142/11	50.0	0.0	100.0	54246.0	0.0	N
4	STD4 580-379142/10	100.0	17.229114	100.0	57635.0	0.172291	Y
5	STD5 580-379142/9	200.0	50.994328	100.0	60644.0	0.254972	Y
6	STD6 580-379142/8	500.0	169.256002	100.0	63105.0	0.338512	Y
7	STD7IS 580-379142/7	1000.0	395.57056	100.0	65313.0	0.395571	Y
8	STD8 580-379142/6	2000.0	780.004851	100.0	65966.0	0.390002	Y
9	STD9 580-379142/5	5000.0	1976.63421	100.0	69529.0	0.395327	Y
10	STD10 580-379142/4	10000.0	3928.03533	100.0	65553.0	0.392804	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

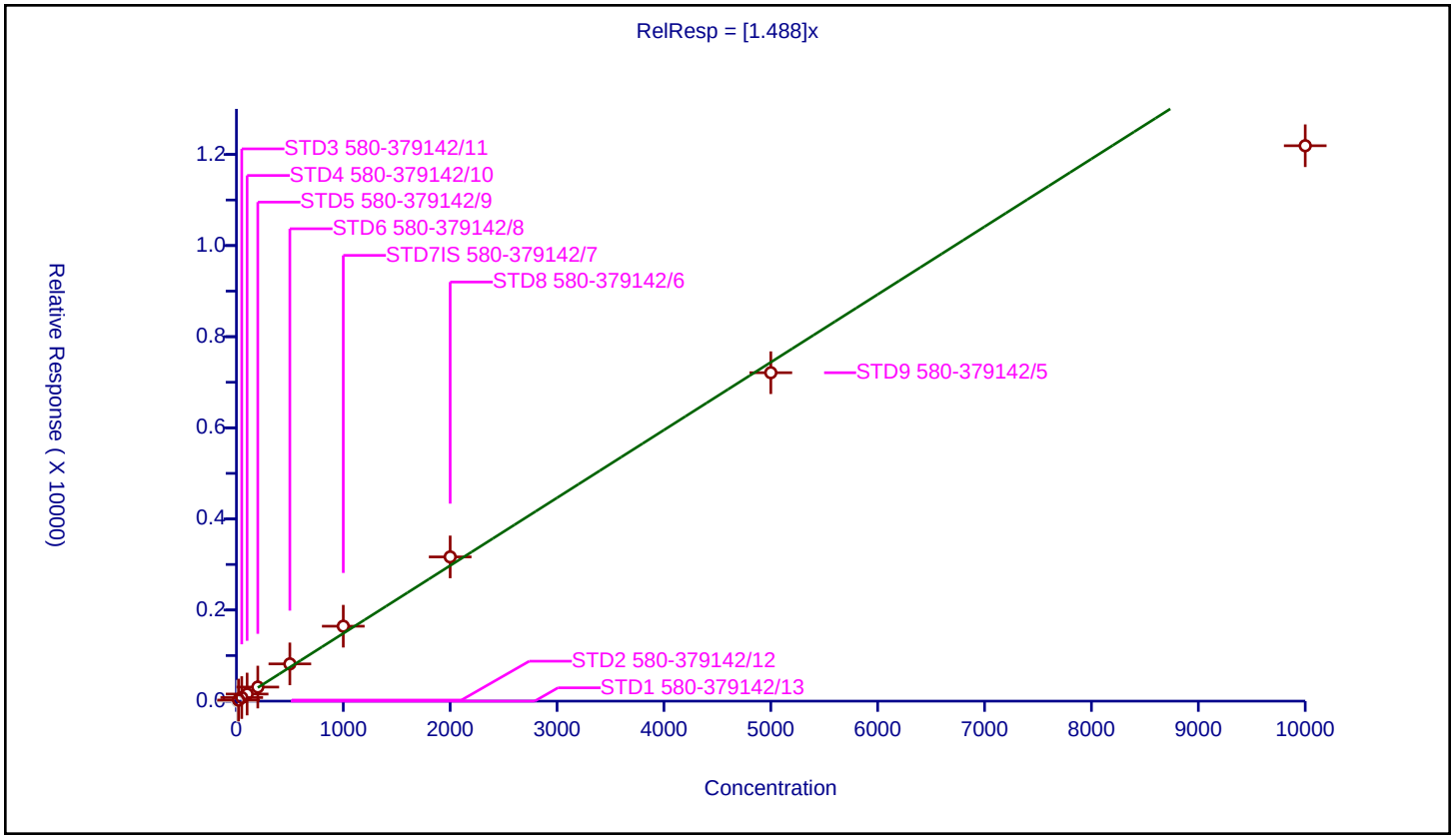
Curve Coefficients

Intercept:	0
Slope:	1.488

Error Coefficients

Standard Error:	3440000
Relative Standard Error:	11.4
Correlation Coefficient:	0.986
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	20.0	23.942659	100.0	50575.0	1.197133	Y
3	STD3 580-379142/11	50.0	78.472145	100.0	54246.0	1.569443	Y
4	STD4 580-379142/10	100.0	155.625922	100.0	57635.0	1.556259	Y
5	STD5 580-379142/9	200.0	308.751072	100.0	60644.0	1.543755	Y
6	STD6 580-379142/8	500.0	817.642025	100.0	63105.0	1.635284	Y
7	STD7IS 580-379142/7	1000.0	1644.588367	100.0	65313.0	1.644588	Y
8	STD8 580-379142/6	2000.0	3166.140133	100.0	65966.0	1.58307	Y
9	STD9 580-379142/5	5000.0	7209.446418	100.0	69529.0	1.441889	Y
10	STD10 580-379142/4	10000.0	12191.262032	100.0	65553.0	1.219126	Y



Calibration / 2,3,5,6-Tetrachlorophenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

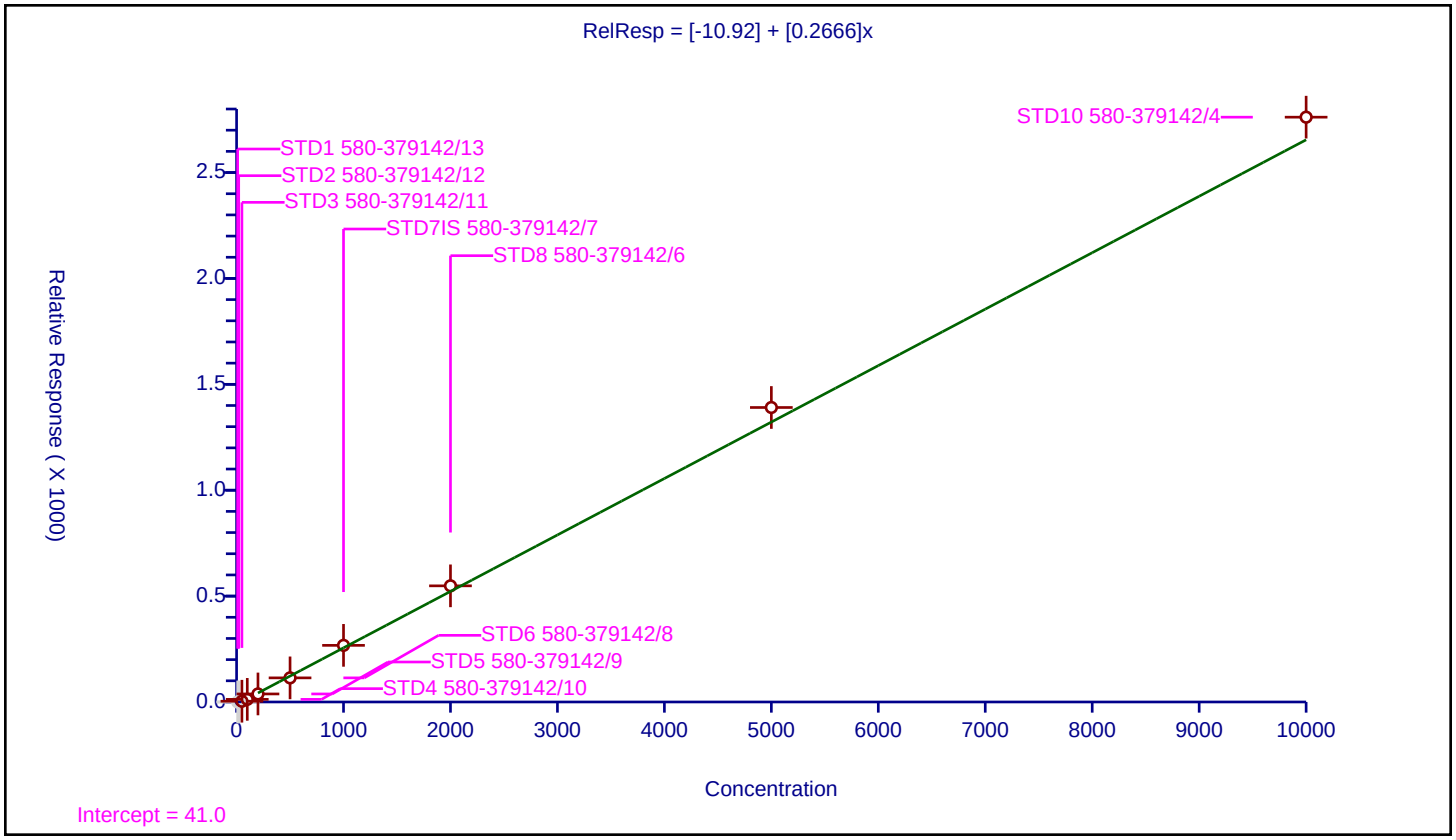
Curve Coefficients

Intercept:	-10.92
Slope:	0.2666

Error Coefficients

Standard Error:	853000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	20.0	0.0	100.0	50575.0	0.0	N
3	STD3 580-379142/11	50.0	3.532058	100.0	54246.0	0.070641	Y
4	STD4 580-379142/10	100.0	12.443828	100.0	57635.0	0.124438	Y
5	STD5 580-379142/9	200.0	37.964184	100.0	60644.0	0.189821	Y
6	STD6 580-379142/8	500.0	113.905396	100.0	63105.0	0.227811	Y
7	STD7IS 580-379142/7	1000.0	267.378623	100.0	65313.0	0.267379	Y
8	STD8 580-379142/6	2000.0	548.482552	100.0	65966.0	0.274241	Y
9	STD9 580-379142/5	5000.0	1390.549267	100.0	69529.0	0.27811	Y
10	STD10 580-379142/4	10000.0	2761.507482	100.0	65553.0	0.276151	Y



Calibration / 2,3,4,6-Tetrachlorophenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

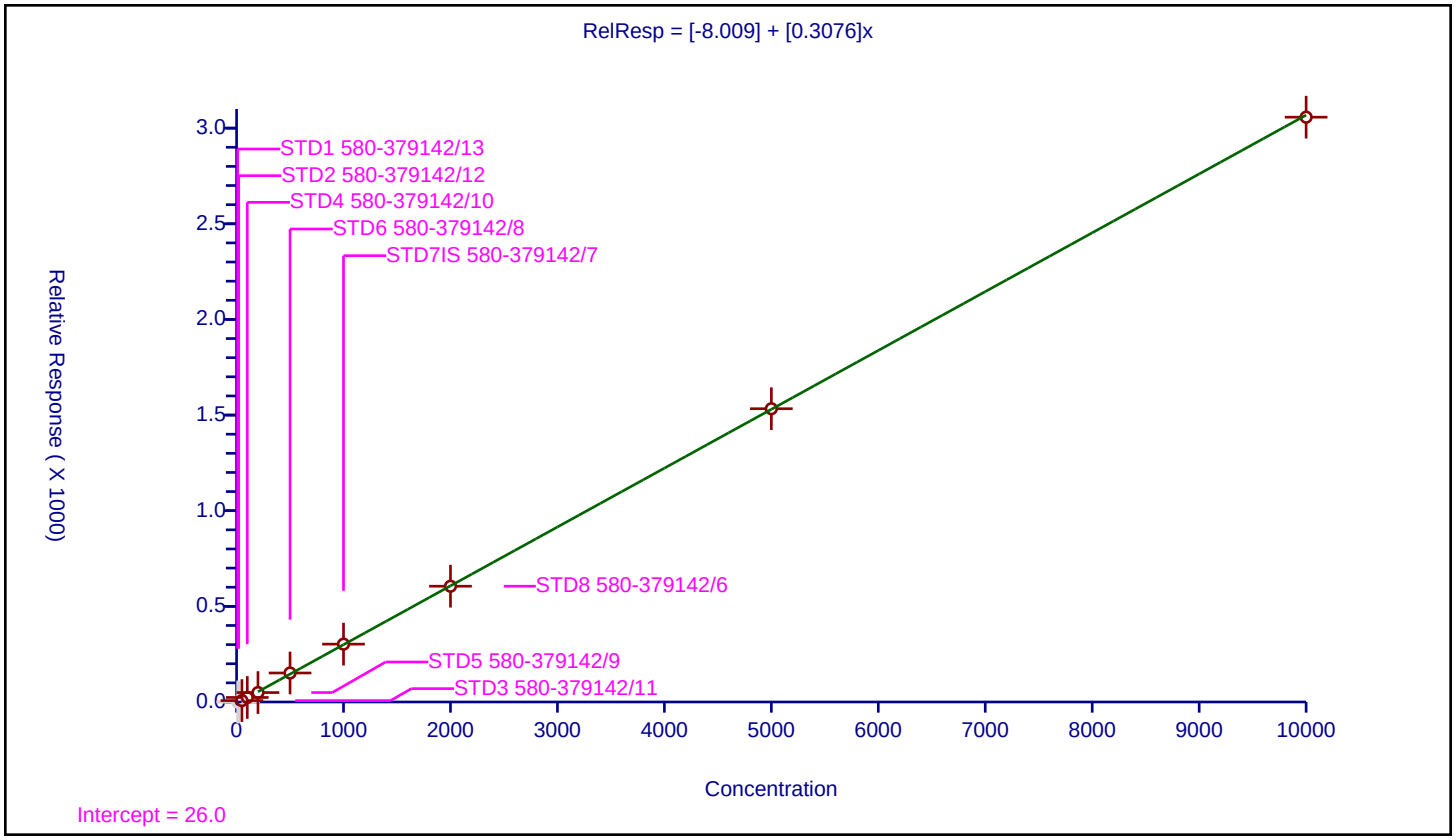
Curve Coefficients

Intercept:	-8.009
Slope:	0.3076

Error Coefficients

Standard Error:	944000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	20.0	0.0	100.0	50575.0	0.0	N
3	STD3 580-379142/11	50.0	7.368285	100.0	54246.0	0.147366	Y
4	STD4 580-379142/10	100.0	23.563807	100.0	57635.0	0.235638	Y
5	STD5 580-379142/9	200.0	49.309083	100.0	60644.0	0.246545	Y
6	STD6 580-379142/8	500.0	151.568022	100.0	63105.0	0.303136	Y
7	STD7IS 580-379142/7	1000.0	302.478833	100.0	65313.0	0.302479	Y
8	STD8 580-379142/6	2000.0	605.261802	100.0	65966.0	0.302631	Y
9	STD9 580-379142/5	5000.0	1533.19622	100.0	69529.0	0.306639	Y
10	STD10 580-379142/4	10000.0	3057.310878	100.0	65553.0	0.305731	Y



Calibration / Diethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

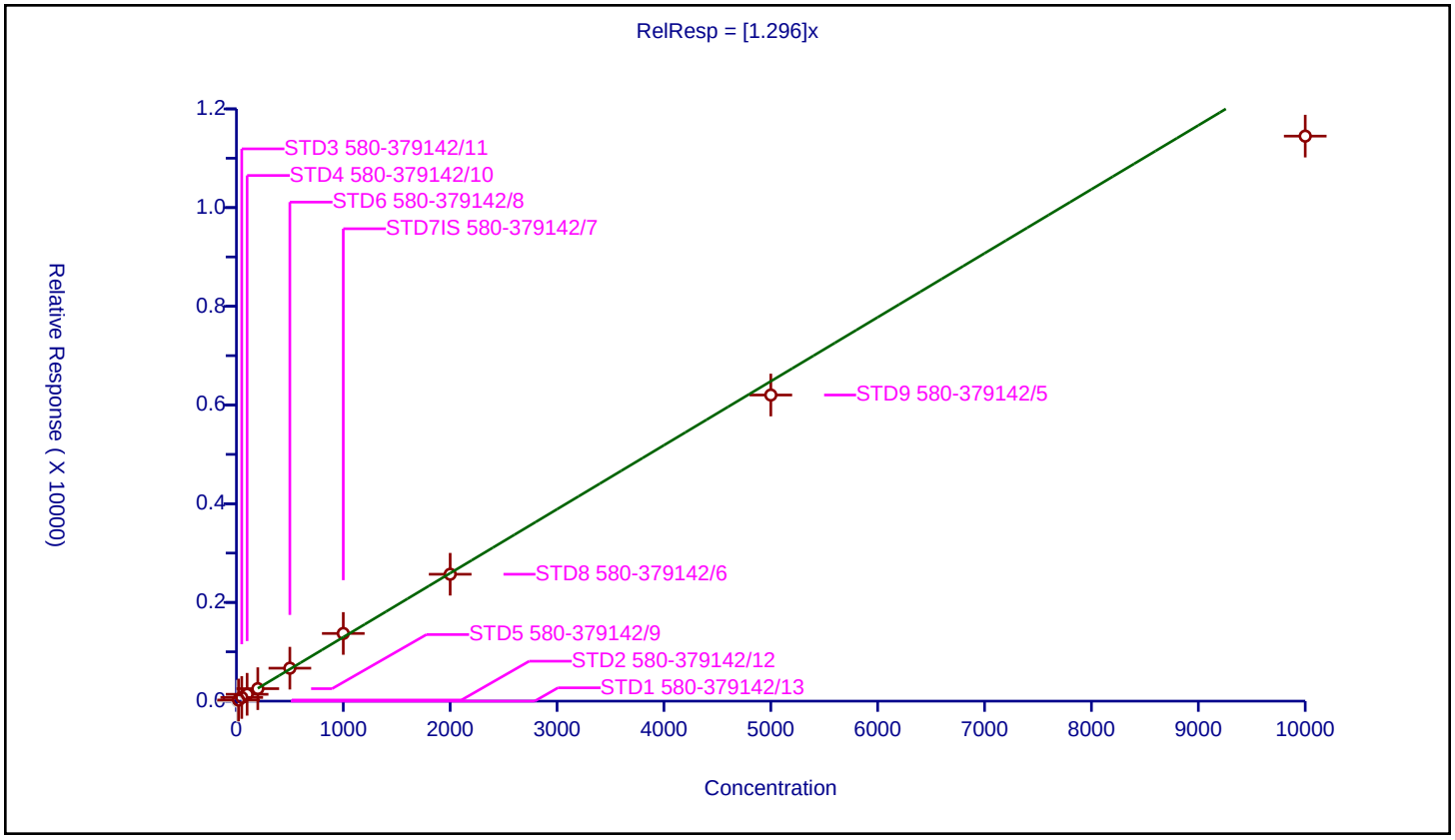
Curve Coefficients

Intercept:	0
Slope:	1.296

Error Coefficients

Standard Error:	3130000
Relative Standard Error:	8.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	20.0	23.070687	100.0	50575.0	1.153534	Y
3	STD3 580-379142/11	50.0	74.033108	100.0	54246.0	1.480662	Y
4	STD4 580-379142/10	100.0	139.063069	100.0	57635.0	1.390631	Y
5	STD5 580-379142/9	200.0	252.73234	100.0	60644.0	1.263662	Y
6	STD6 580-379142/8	500.0	667.622217	100.0	63105.0	1.335244	Y
7	STD7IS 580-379142/7	1000.0	1371.582993	100.0	65313.0	1.371583	Y
8	STD8 580-379142/6	2000.0	2571.262469	100.0	65966.0	1.285631	Y
9	STD9 580-379142/5	5000.0	6202.43927	100.0	69529.0	1.240488	Y
10	STD10 580-379142/4	10000.0	11448.47528	100.0	65553.0	1.144848	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

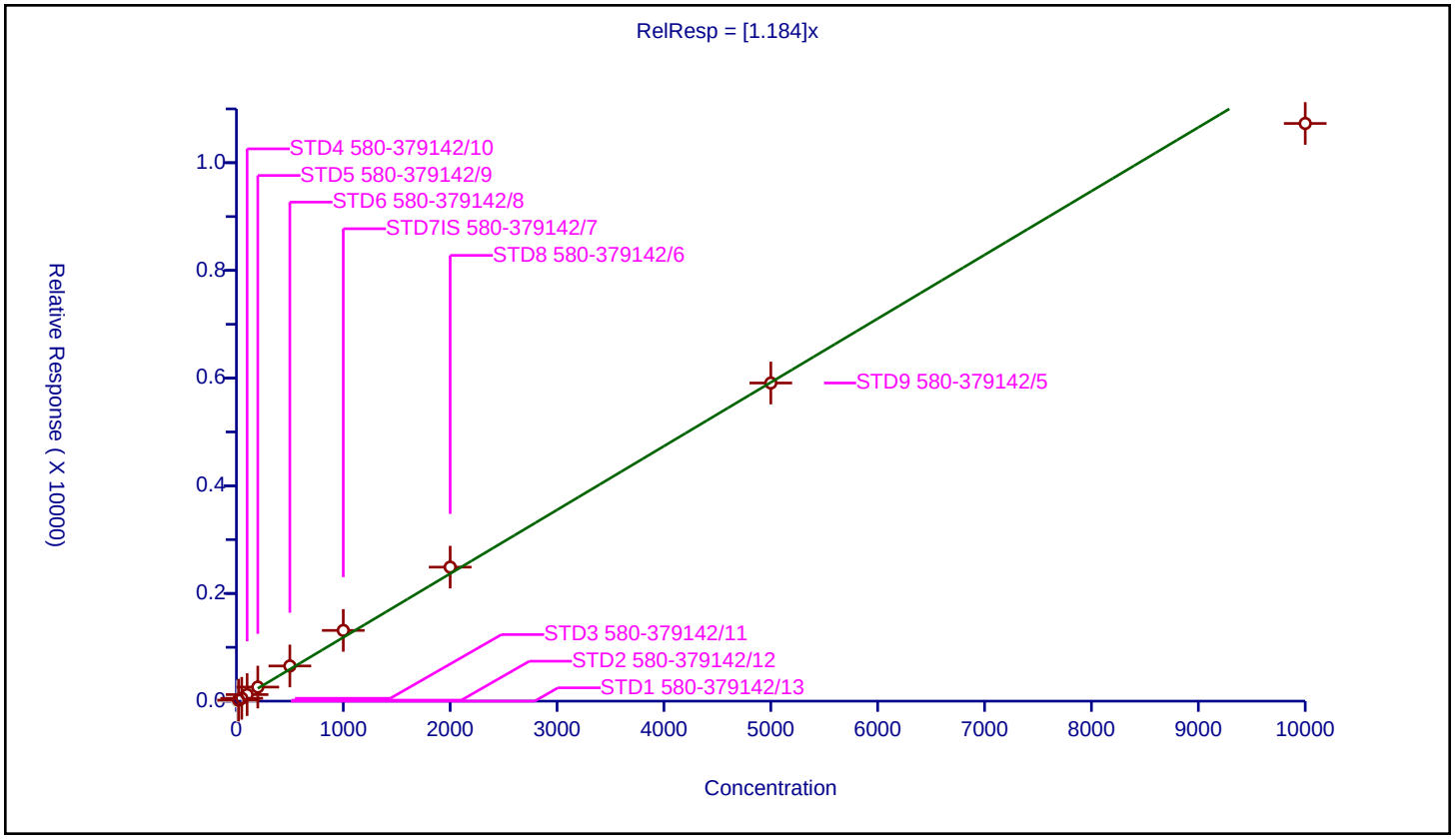
Curve Coefficients

Intercept:	0
Slope:	1.184

Error Coefficients

Standard Error:	2950000
Relative Standard Error:	10.9
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	20.0	19.064755	100.0	50575.0	0.953238	Y
3	STD3 580-379142/11	50.0	52.929248	100.0	54246.0	1.058585	Y
4	STD4 580-379142/10	100.0	121.804459	100.0	57635.0	1.218045	Y
5	STD5 580-379142/9	200.0	261.40591	100.0	60644.0	1.30703	Y
6	STD6 580-379142/8	500.0	653.322241	100.0	63105.0	1.306644	Y
7	STD7IS 580-379142/7	1000.0	1313.516452	100.0	65313.0	1.313516	Y
8	STD8 580-379142/6	2000.0	2489.094382	100.0	65966.0	1.244547	Y
9	STD9 580-379142/5	5000.0	5908.740238	100.0	69529.0	1.181748	Y
10	STD10 580-379142/4	10000.0	10729.414367	100.0	65553.0	1.072941	Y



Calibration / 4-Chlorophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

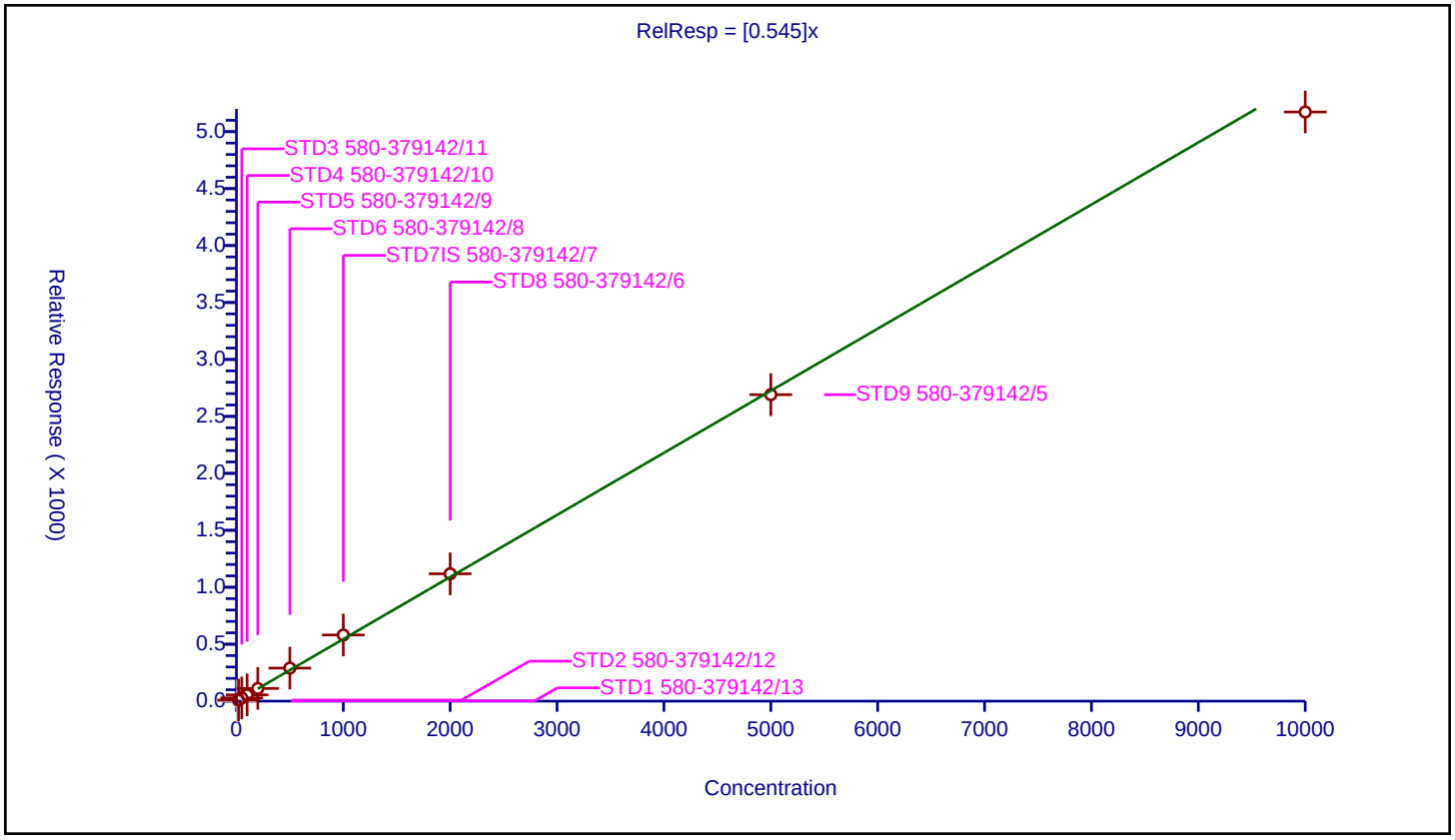
Curve Coefficients

Intercept:	0
Slope:	0.545

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	7.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	2.541049	100.0	41597.0	0.254105	N
2	STD2 580-379142/12	20.0	8.968858	100.0	50575.0	0.448443	Y
3	STD3 580-379142/11	50.0	28.739446	100.0	54246.0	0.574789	Y
4	STD4 580-379142/10	100.0	54.97354	100.0	57635.0	0.549735	Y
5	STD5 580-379142/9	200.0	111.3416	100.0	60644.0	0.556708	Y
6	STD6 580-379142/8	500.0	290.059425	100.0	63105.0	0.580119	Y
7	STD7IS 580-379142/7	1000.0	580.847611	100.0	65313.0	0.580848	Y
8	STD8 580-379142/6	2000.0	1118.133584	100.0	65966.0	0.559067	Y
9	STD9 580-379142/5	5000.0	2690.70316	100.0	69529.0	0.538141	Y
10	STD10 580-379142/4	10000.0	5172.541302	100.0	65553.0	0.517254	Y



Calibration / 4-Nitroaniline

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

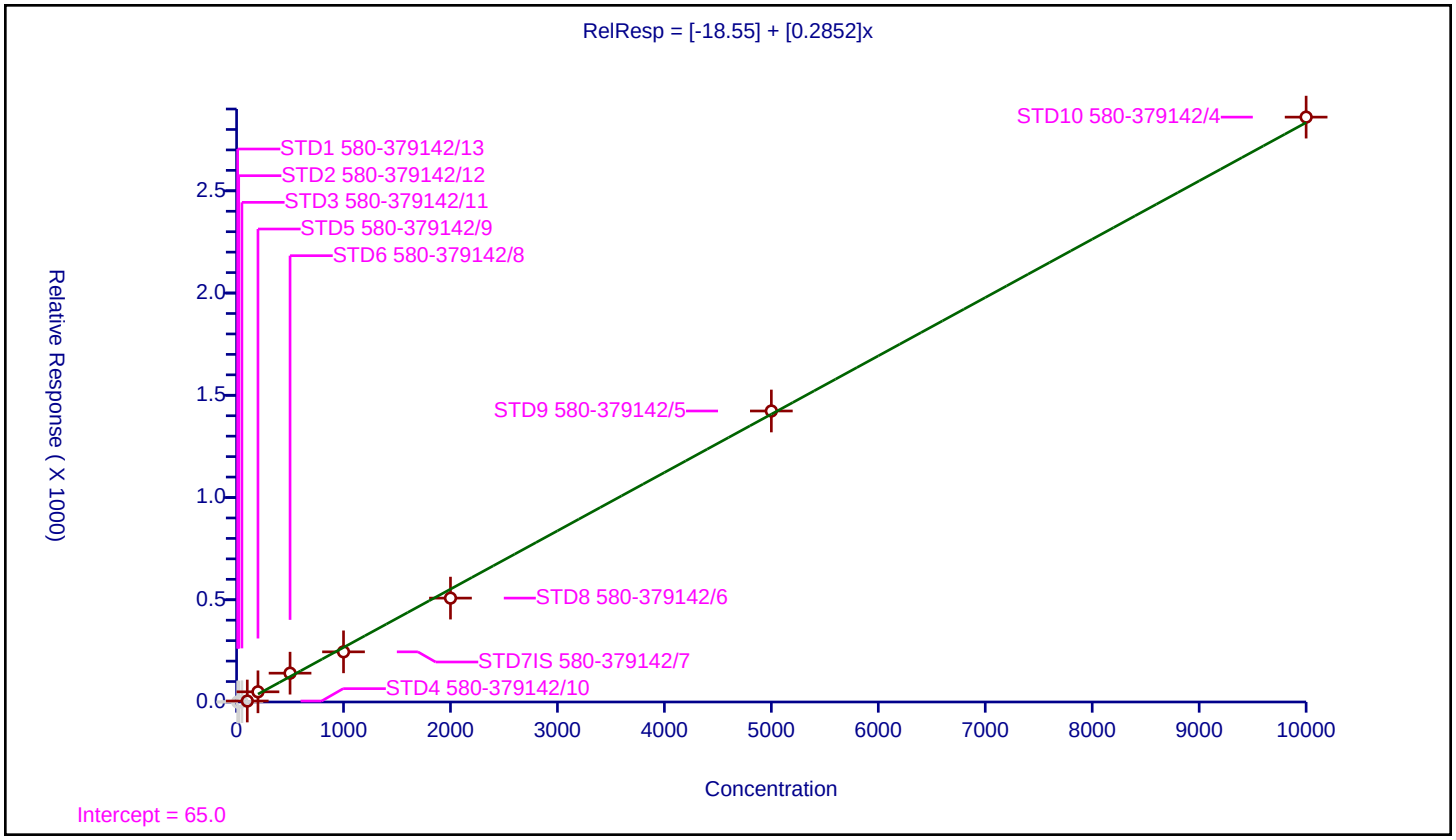
Curve Coefficients

Intercept:	-18.55
Slope:	0.2852

Error Coefficients

Standard Error:	962000
Relative Standard Error:	14.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	20.0	0.0	100.0	50575.0	0.0	N
3	STD3 580-379142/11	50.0	1.544814	100.0	54246.0	0.030896	N
4	STD4 580-379142/10	100.0	4.750586	100.0	57635.0	0.047506	Y
5	STD5 580-379142/9	200.0	49.701537	100.0	60644.0	0.248508	Y
6	STD6 580-379142/8	500.0	140.909595	100.0	63105.0	0.281819	Y
7	STD7IS 580-379142/7	1000.0	245.236017	100.0	65313.0	0.245236	Y
8	STD8 580-379142/6	2000.0	508.089016	100.0	65966.0	0.254045	Y
9	STD9 580-379142/5	5000.0	1423.122726	100.0	69529.0	0.284625	Y
10	STD10 580-379142/4	10000.0	2860.38015	100.0	65553.0	0.286038	Y



Calibration / 4,6-Dinitro-2-methylphenol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

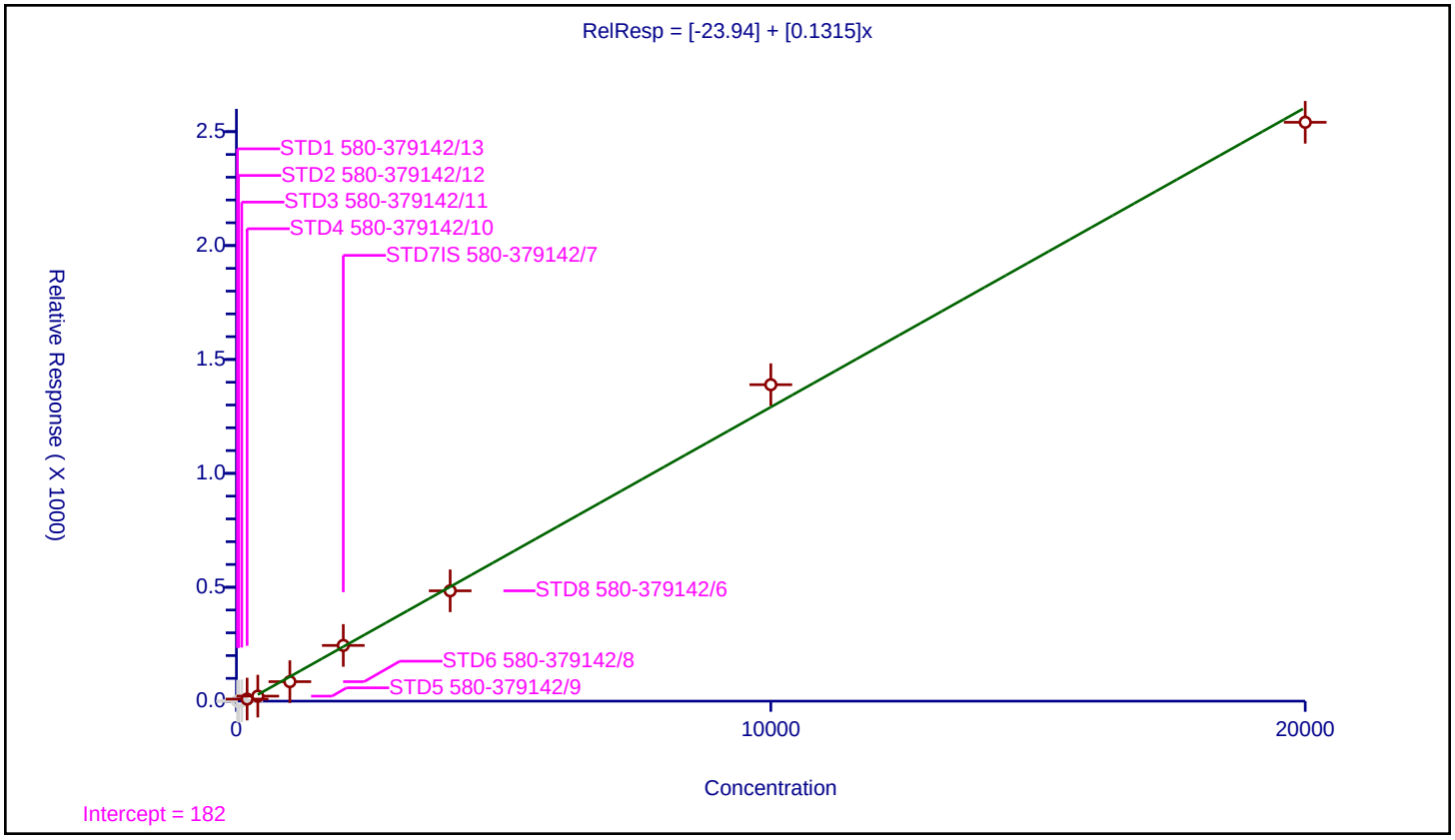
Curve Coefficients

Intercept:	-23.94
Slope:	0.1315

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	15.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	20.0	0.0	100.0	50974.0	0.0	N
2	STD2 580-379142/12	40.0	0.0	100.0	65799.0	0.0	N
3	STD3 580-379142/11	100.0	1.45766	100.0	75532.0	0.014577	N
4	STD4 580-379142/10	200.0	9.040835	100.0	82968.0	0.045204	Y
5	STD5 580-379142/9	400.0	22.077279	100.0	90840.0	0.055193	Y
6	STD6 580-379142/8	1000.0	85.584228	100.0	99516.0	0.085584	Y
7	STD7IS 580-379142/7	2000.0	244.572243	100.0	94680.0	0.122286	Y
8	STD8 580-379142/6	4000.0	484.406221	100.0	103195.0	0.121102	Y
9	STD9 580-379142/5	10000.0	1389.254719	100.0	103934.0	0.138925	Y
10	STD10 580-379142/4	20000.0	2541.19103	100.0	107067.0	0.12706	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

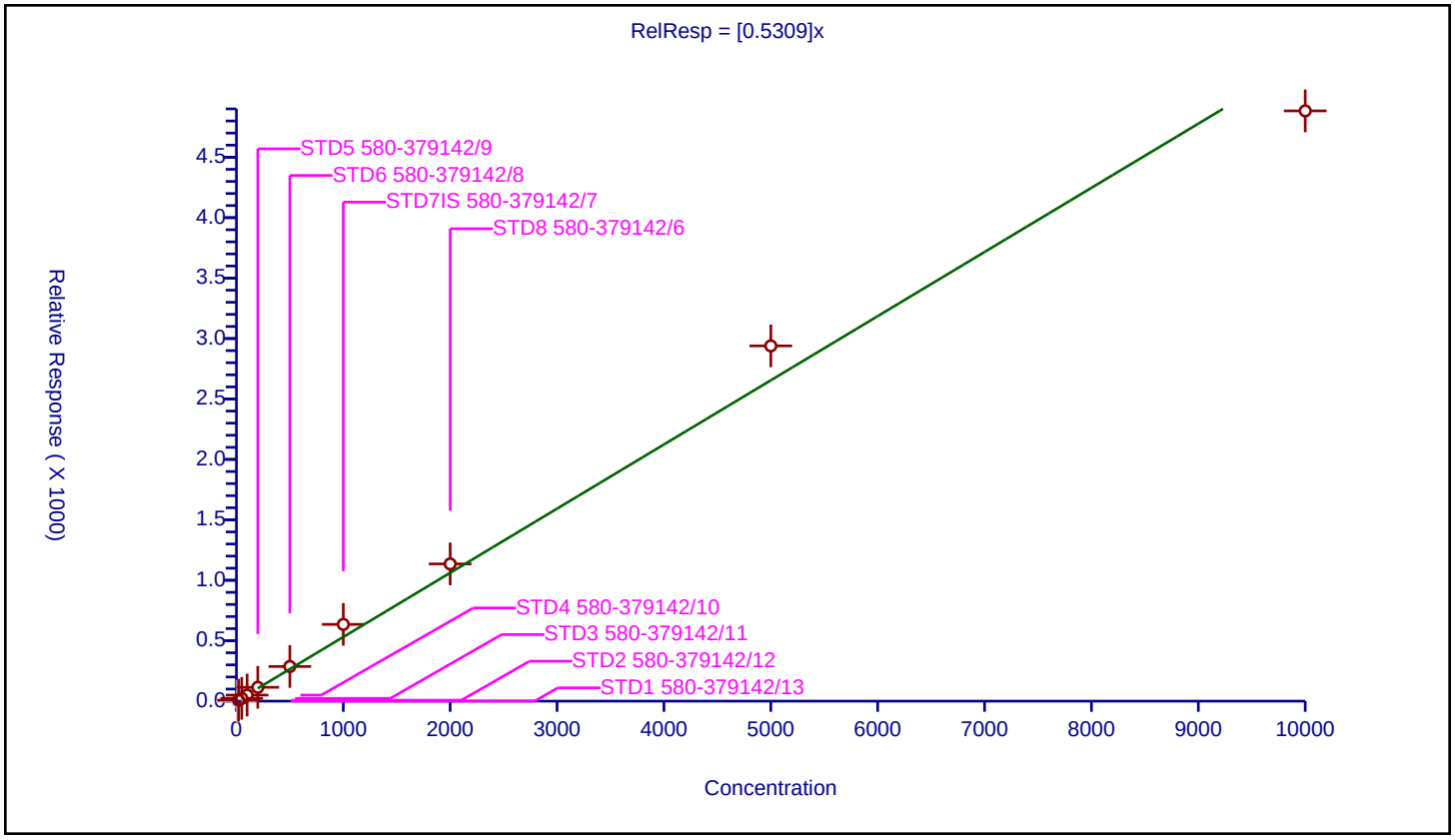
Curve Coefficients

Intercept:	0
Slope:	0.5309

Error Coefficients

Standard Error:	2190000
Relative Standard Error:	14.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	50974.0	0.0	N
2	STD2 580-379142/12	20.0	7.793432	100.0	65799.0	0.389672	Y
3	STD3 580-379142/11	50.0	23.026002	100.0	75532.0	0.46052	Y
4	STD4 580-379142/10	100.0	50.291679	100.0	82968.0	0.502917	Y
5	STD5 580-379142/9	200.0	114.476002	100.0	90840.0	0.57238	Y
6	STD6 580-379142/8	500.0	286.637325	100.0	99516.0	0.573275	Y
7	STD7IS 580-379142/7	1000.0	635.015843	100.0	94680.0	0.635016	Y
8	STD8 580-379142/6	2000.0	1135.489123	100.0	103195.0	0.567745	Y
9	STD9 580-379142/5	5000.0	2939.216233	100.0	103934.0	0.587843	Y
10	STD10 580-379142/4	10000.0	4883.510325	100.0	107067.0	0.488351	Y



Calibration / Azobenzene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

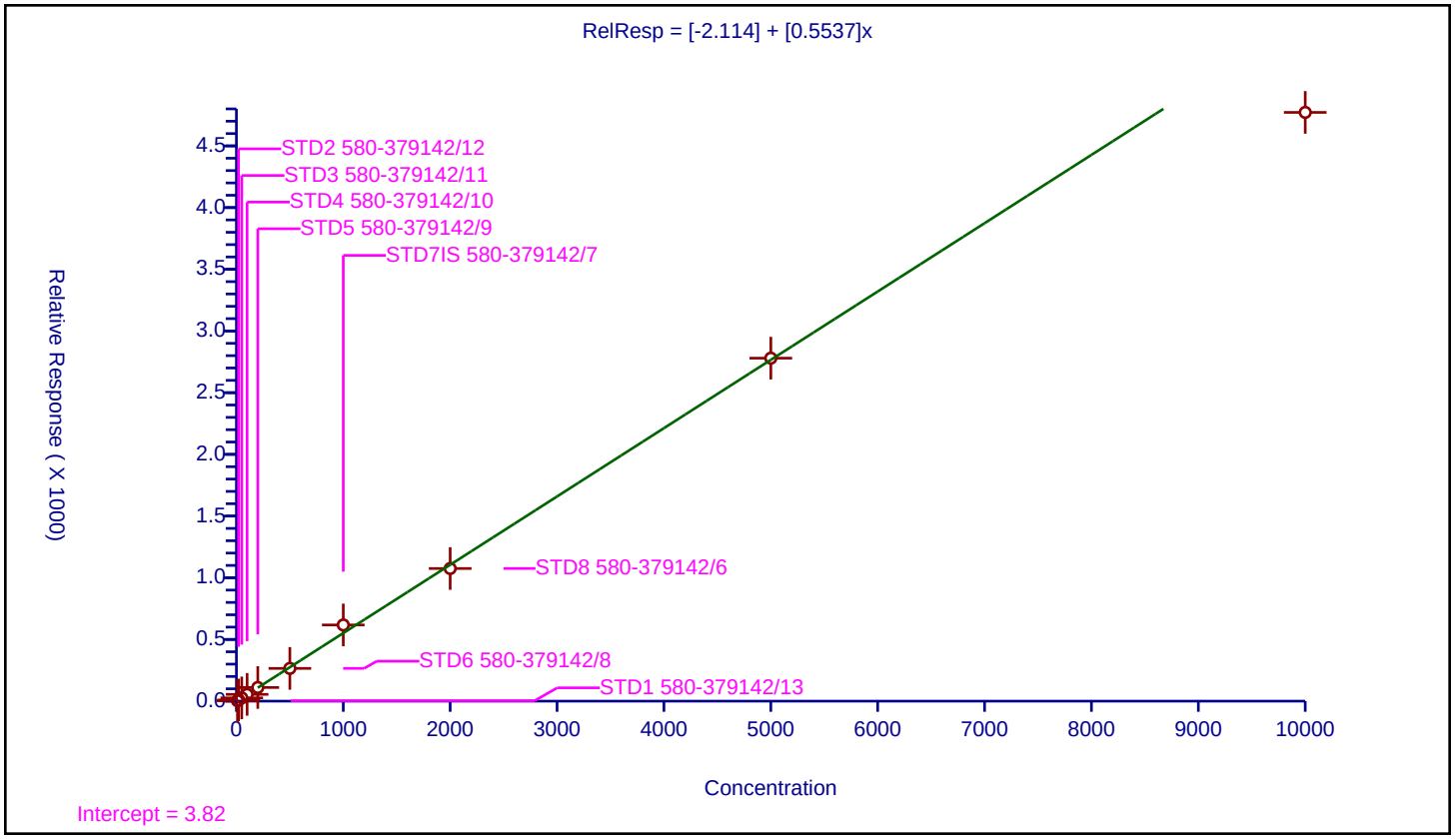
Curve Coefficients

Intercept:	-2.114
Slope:	0.5537

Error Coefficients

Standard Error:	2120000
Relative Standard Error:	6.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	3.311492	100.0	50974.0	0.331149	Y
2	STD2 580-379142/12	20.0	9.205307	100.0	65799.0	0.460265	Y
3	STD3 580-379142/11	50.0	26.22597	100.0	75532.0	0.524519	Y
4	STD4 580-379142/10	100.0	54.934433	100.0	82968.0	0.549344	Y
5	STD5 580-379142/9	200.0	110.64509	100.0	90840.0	0.553225	Y
6	STD6 580-379142/8	500.0	265.407573	100.0	99516.0	0.530815	Y
7	STD7IS 580-379142/7	1000.0	617.530629	100.0	94680.0	0.617531	Y
8	STD8 580-379142/6	2000.0	1075.00751	100.0	103195.0	0.537504	Y
9	STD9 580-379142/5	5000.0	2779.675563	100.0	103934.0	0.555935	Y
10	STD10 580-379142/4	10000.0	4771.475805	100.0	107067.0	0.477148	Y



Calibration / 2,4,6-Tribromophenol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

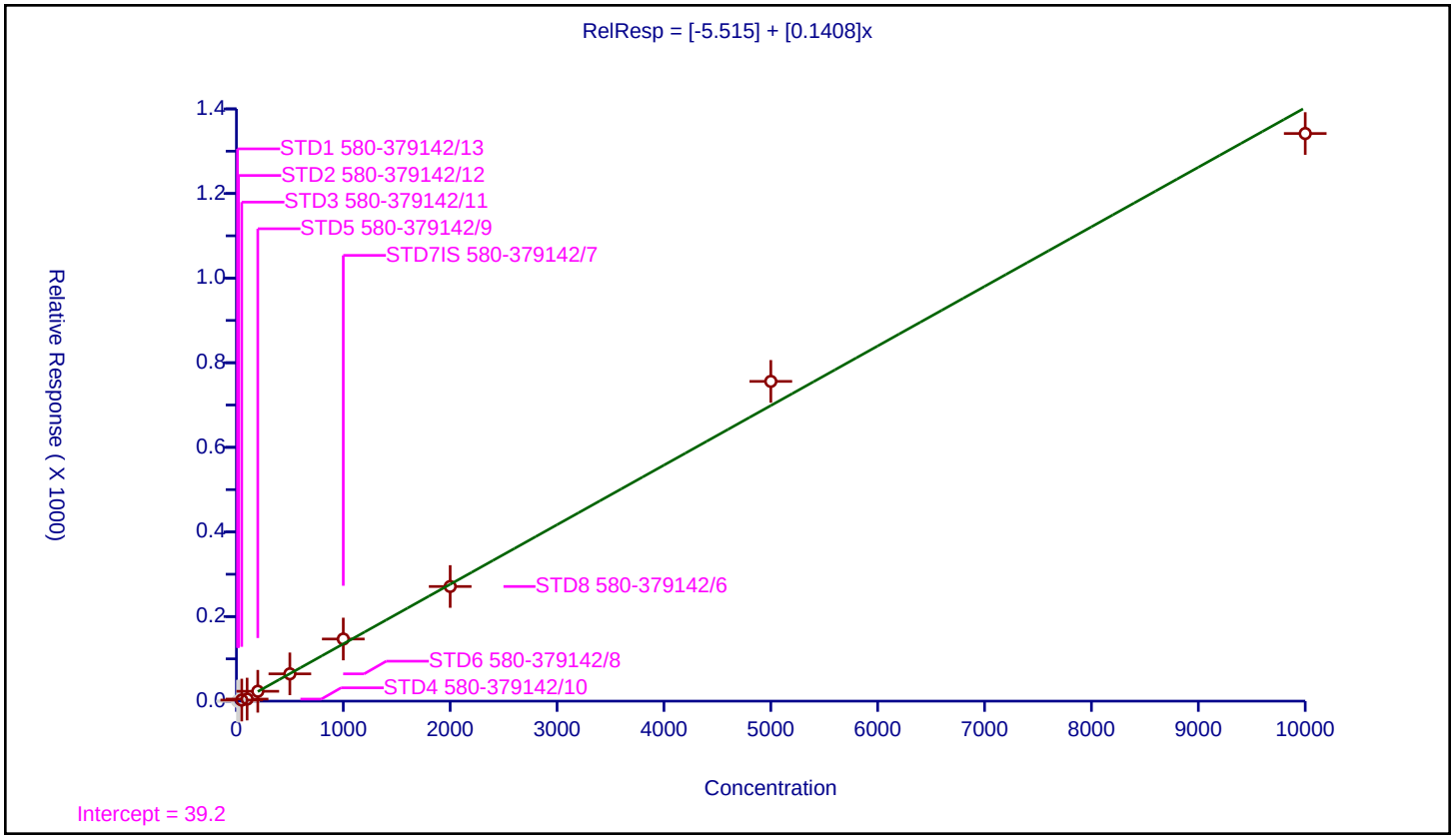
Curve Coefficients

Intercept:	-5.515
Slope:	0.1408

Error Coefficients

Standard Error:	680000
Relative Standard Error:	13.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	50974.0	0.0	N
2	STD2 580-379142/12	20.0	0.0	100.0	65799.0	0.0	N
3	STD3 580-379142/11	50.0	2.540645	100.0	75532.0	0.050813	Y
4	STD4 580-379142/10	100.0	4.859705	100.0	82968.0	0.048597	Y
5	STD5 580-379142/9	200.0	23.316821	100.0	90840.0	0.116584	Y
6	STD6 580-379142/8	500.0	64.525302	100.0	99516.0	0.129051	Y
7	STD7IS 580-379142/7	1000.0	146.837769	100.0	94680.0	0.146838	Y
8	STD8 580-379142/6	2000.0	271.022821	100.0	103195.0	0.135511	Y
9	STD9 580-379142/5	5000.0	755.865261	100.0	103934.0	0.151173	Y
10	STD10 580-379142/4	10000.0	1341.793456	100.0	107067.0	0.134179	Y



Calibration / 4-Bromophenyl phenyl ether

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

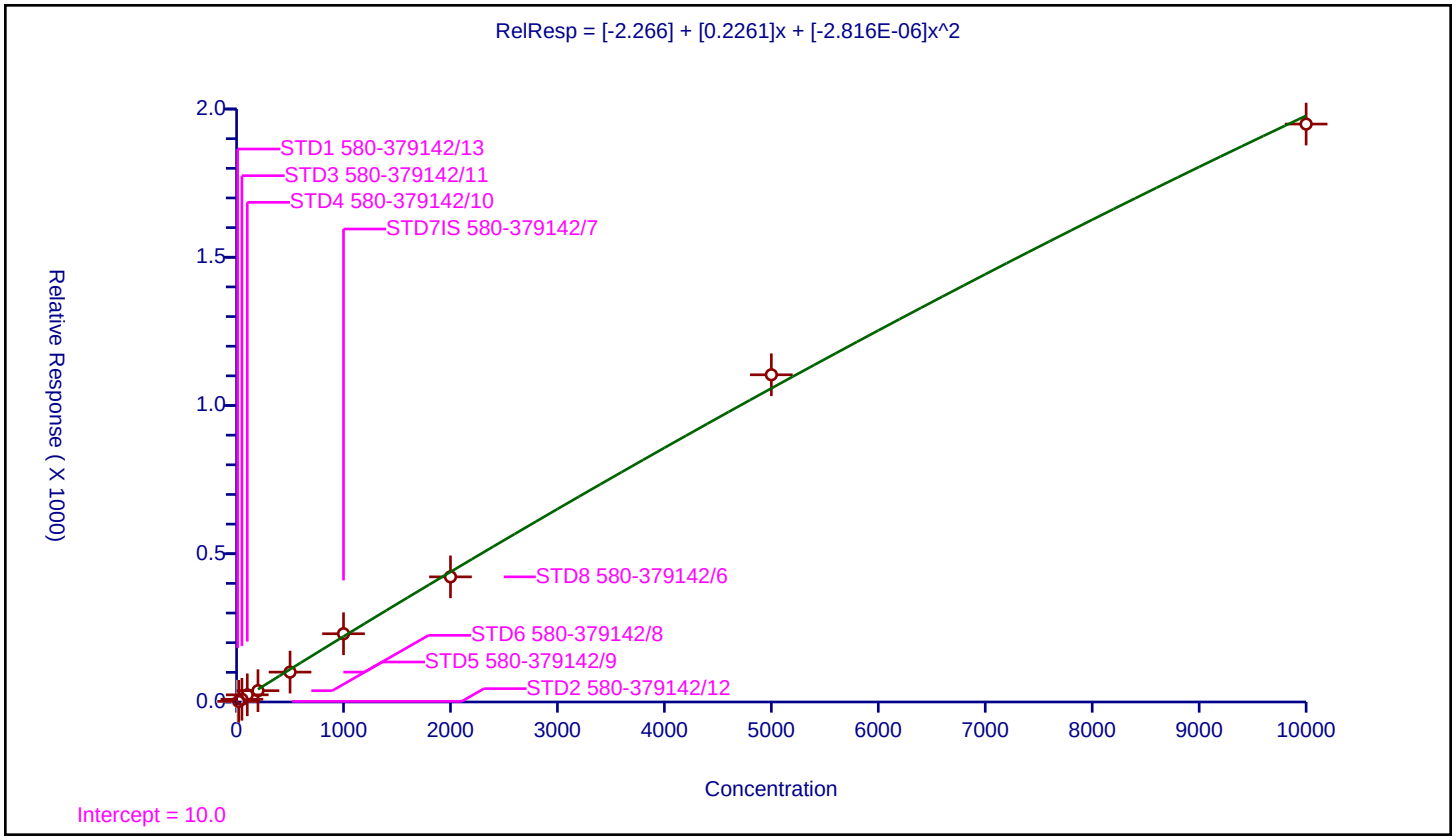
Curve Coefficients

Intercept:	-2.266
Slope:	0.2261
Second Order:	-2.816E-06

Error Coefficients

Standard Error:	992000
Relative Standard Error:	9.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	2.367874	100.0	50974.0	0.236787	N
2	STD2 580-379142/12	20.0	2.144409	100.0	65799.0	0.10722	Y
3	STD3 580-379142/11	50.0	9.136525	100.0	75532.0	0.18273	Y
4	STD4 580-379142/10	100.0	24.137017	100.0	82968.0	0.24137	Y
5	STD5 580-379142/9	200.0	38.166006	100.0	90840.0	0.19083	Y
6	STD6 580-379142/8	500.0	100.797862	100.0	99516.0	0.201596	Y
7	STD7IS 580-379142/7	1000.0	230.232362	100.0	94680.0	0.230232	Y
8	STD8 580-379142/6	2000.0	422.096032	100.0	103195.0	0.211048	Y
9	STD9 580-379142/5	5000.0	1103.643658	100.0	103934.0	0.220729	Y
10	STD10 580-379142/4	10000.0	1949.230855	100.0	107067.0	0.194923	Y



Calibration / Hexachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

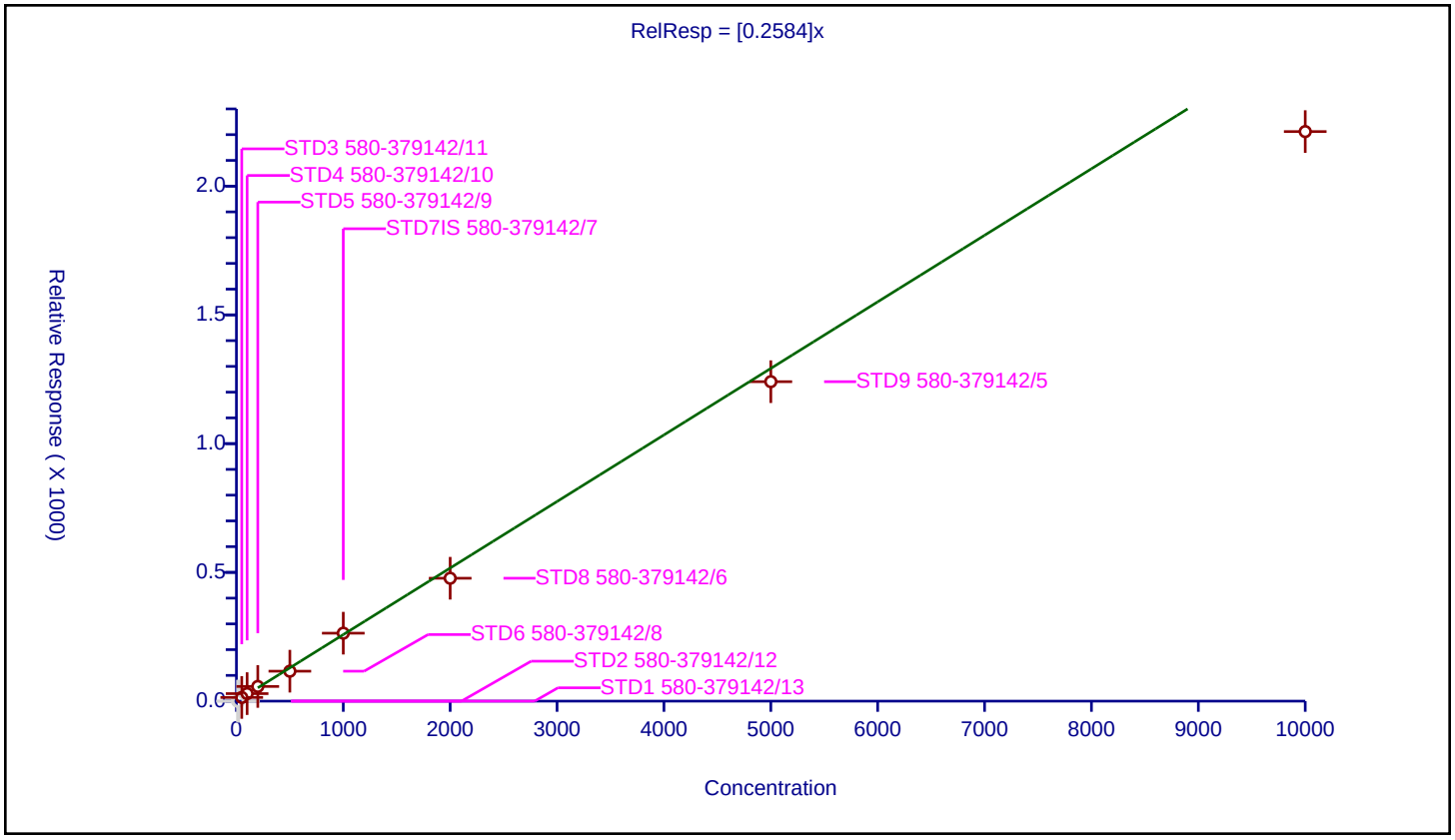
Curve Coefficients

Intercept:	0
Slope:	0.2584

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	10.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	50974.0	0.0	N
2	STD2 580-379142/12	20.0	0.0	100.0	65799.0	0.0	N
3	STD3 580-379142/11	50.0	14.281364	100.0	75532.0	0.285627	Y
4	STD4 580-379142/10	100.0	29.210057	100.0	82968.0	0.292101	Y
5	STD5 580-379142/9	200.0	57.075077	100.0	90840.0	0.285375	Y
6	STD6 580-379142/8	500.0	116.27276	100.0	99516.0	0.232546	Y
7	STD7IS 580-379142/7	1000.0	263.860372	100.0	94680.0	0.26386	Y
8	STD8 580-379142/6	2000.0	477.330297	100.0	103195.0	0.238665	Y
9	STD9 580-379142/5	5000.0	1240.658495	100.0	103934.0	0.248132	Y
10	STD10 580-379142/4	10000.0	2211.908431	100.0	107067.0	0.221191	Y



Calibration / Atrazine

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

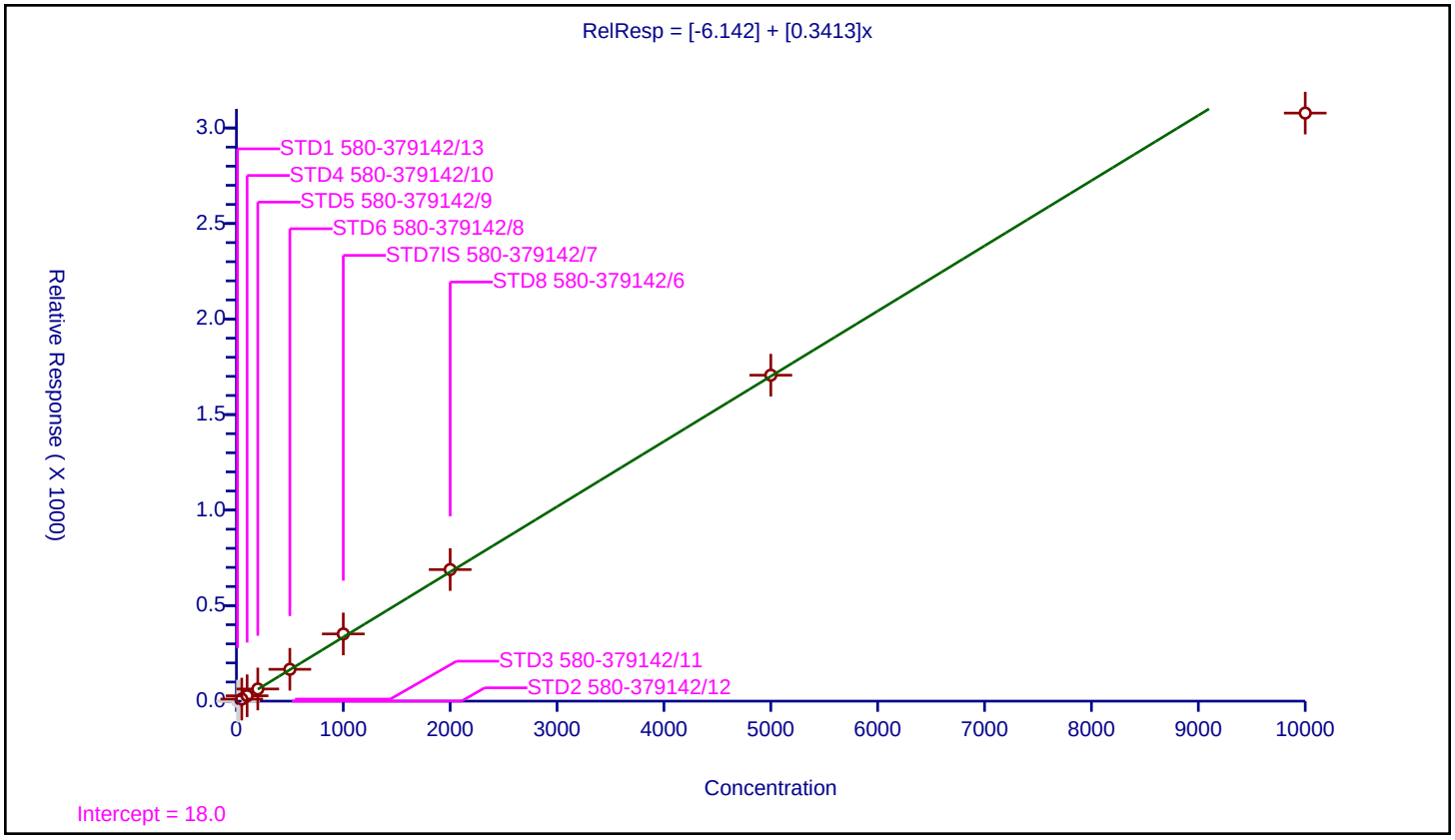
Curve Coefficients

Intercept:	-6.142
Slope:	0.3413

Error Coefficients

Standard Error:	977000
Relative Standard Error:	4.6
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41597.0	0.0	N
2	STD2 580-379142/12	20.0	0.0	100.0	50575.0	0.0	N
3	STD3 580-379142/11	50.0	10.736275	100.0	54246.0	0.214726	Y
4	STD4 580-379142/10	100.0	28.133946	100.0	57635.0	0.281339	Y
5	STD5 580-379142/9	200.0	63.584196	100.0	60644.0	0.317921	Y
6	STD6 580-379142/8	500.0	166.617542	100.0	63105.0	0.333235	Y
7	STD7IS 580-379142/7	1000.0	351.744676	100.0	65313.0	0.351745	Y
8	STD8 580-379142/6	2000.0	688.82303	100.0	65966.0	0.344412	Y
9	STD9 580-379142/5	5000.0	1706.206044	100.0	69529.0	0.341241	Y
10	STD10 580-379142/4	10000.0	3078.126096	100.0	65553.0	0.307813	Y



Calibration / Pentachlorophenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

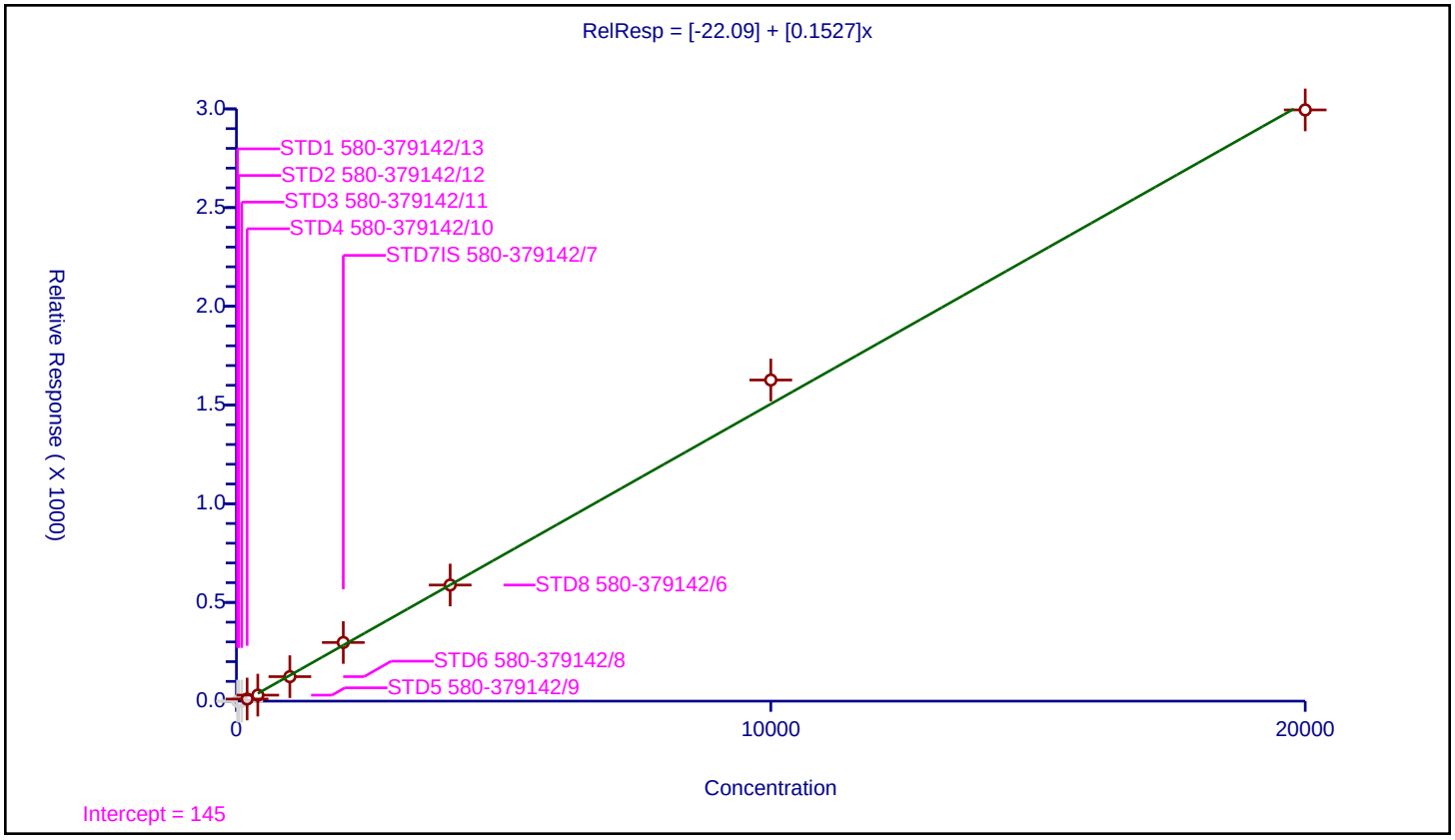
Curve Coefficients

Intercept:	-22.09
Slope:	0.1527

Error Coefficients

Standard Error:	1650000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	20.0	0.0	100.0	50974.0	0.0	N
2	STD2 580-379142/12	40.0	0.0	100.0	65799.0	0.0	N
3	STD3 580-379142/11	100.0	0.0	100.0	75532.0	0.0	N
4	STD4 580-379142/10	200.0	10.693279	100.0	82968.0	0.053466	Y
5	STD5 580-379142/9	400.0	30.402906	100.0	90840.0	0.076007	Y
6	STD6 580-379142/8	1000.0	123.996141	100.0	99516.0	0.123996	Y
7	STD7IS 580-379142/7	2000.0	297.206379	100.0	94680.0	0.148603	Y
8	STD8 580-379142/6	4000.0	588.128301	100.0	103195.0	0.147032	Y
9	STD9 580-379142/5	10000.0	1626.594762	100.0	103934.0	0.162659	Y
10	STD10 580-379142/4	20000.0	2994.901323	100.0	107067.0	0.149745	Y



Calibration / n-Octadecane

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

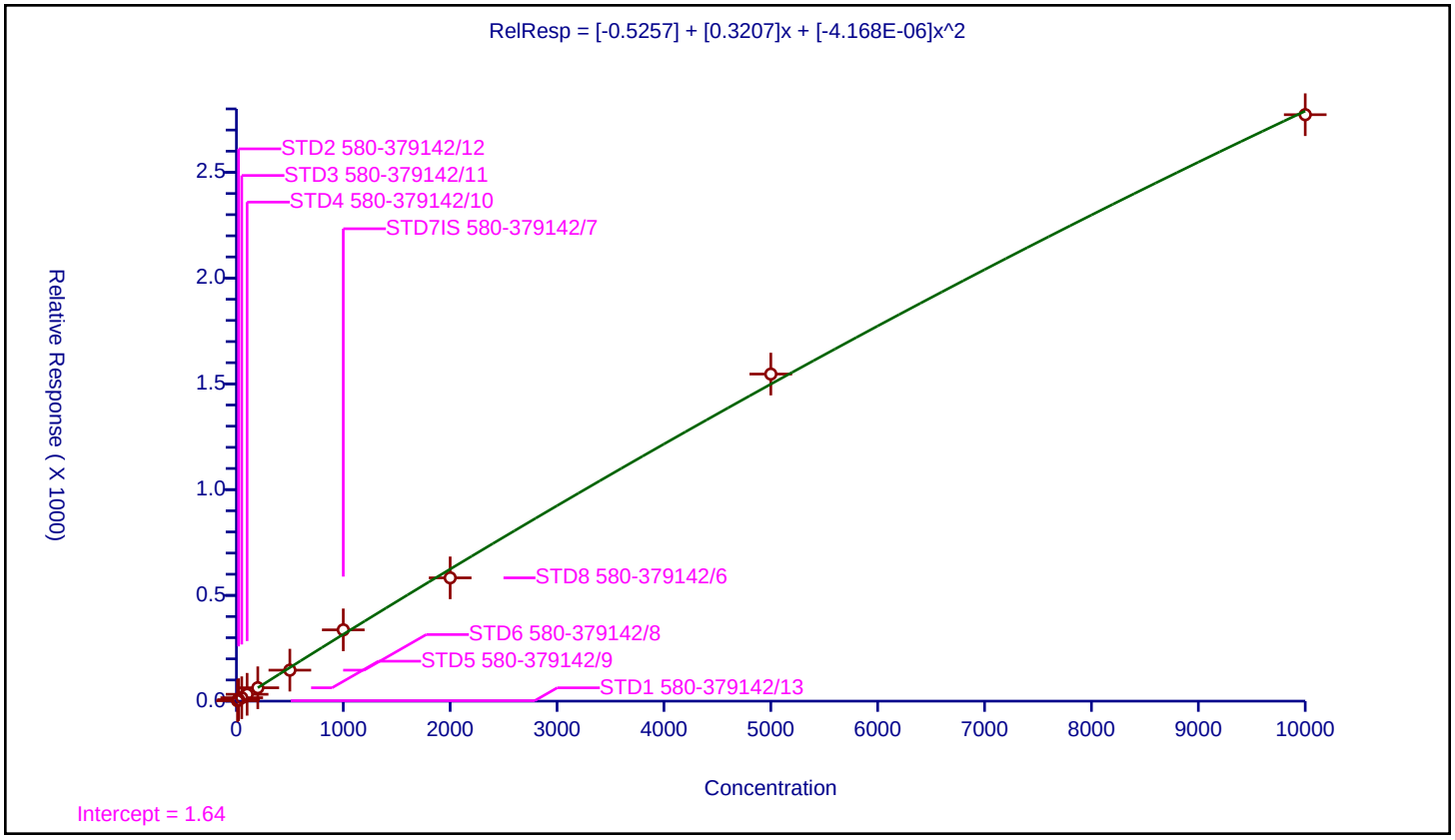
Curve Coefficients

Intercept:	-0.5257
Slope:	0.3207
Second Order:	-4.168E-06

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	11.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	2.024562	100.0	50974.0	0.202456	Y
2	STD2 580-379142/12	20.0	7.104971	100.0	65799.0	0.355249	Y
3	STD3 580-379142/11	50.0	16.148123	100.0	75532.0	0.322962	Y
4	STD4 580-379142/10	100.0	32.378748	100.0	82968.0	0.323787	Y
5	STD5 580-379142/9	200.0	63.303611	100.0	90840.0	0.316518	Y
6	STD6 580-379142/8	500.0	146.471924	100.0	99516.0	0.292944	Y
7	STD7IS 580-379142/7	1000.0	337.065906	100.0	94680.0	0.337066	Y
8	STD8 580-379142/6	2000.0	582.928436	100.0	103195.0	0.291464	Y
9	STD9 580-379142/5	5000.0	1546.339985	100.0	103934.0	0.309268	Y
10	STD10 580-379142/4	10000.0	2772.568579	100.0	107067.0	0.277257	Y



Calibration / Phenanthrene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

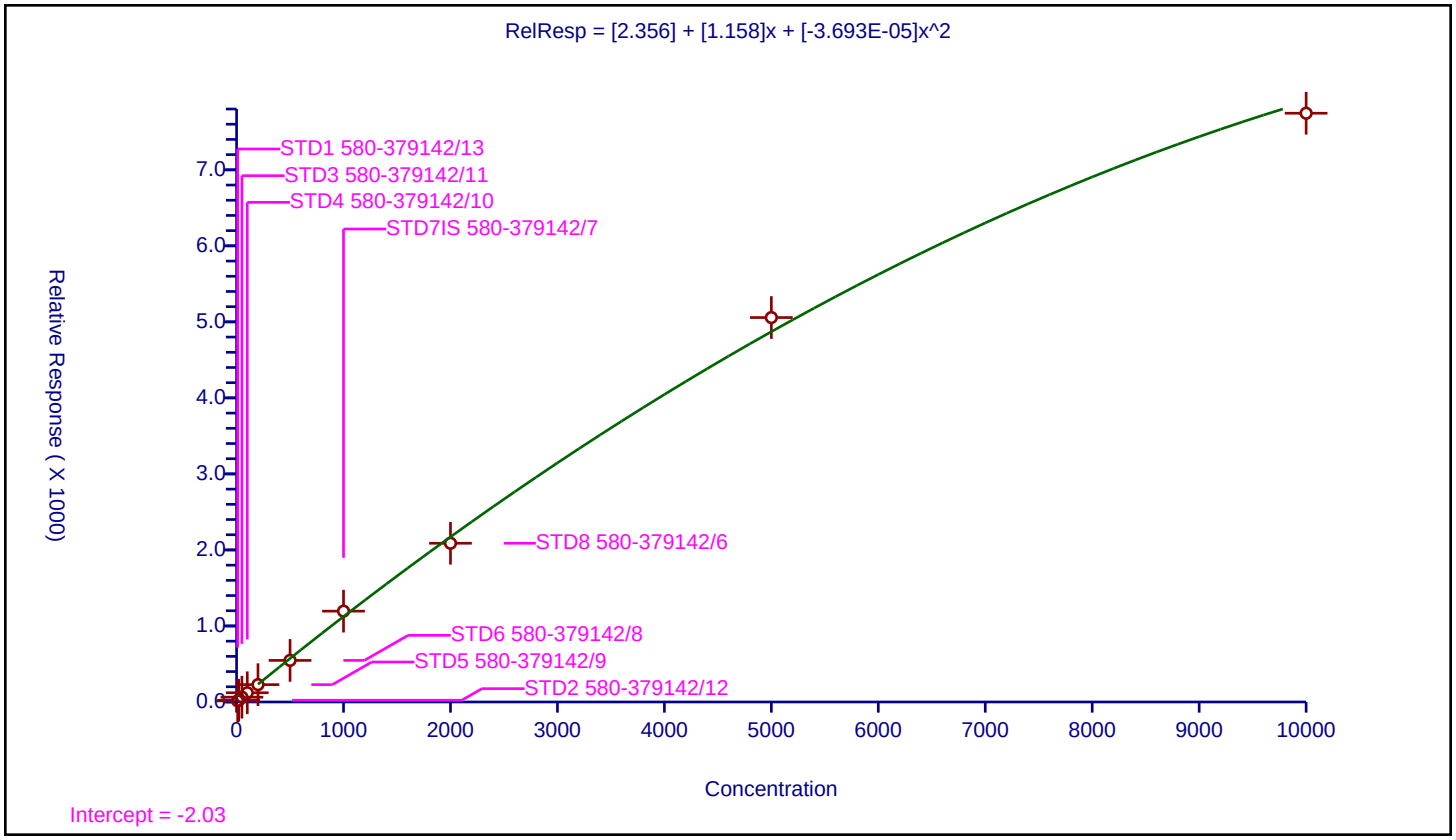
Curve Coefficients

Intercept:	2.356
Slope:	1.158
Second Order:	-3.693E-05

Error Coefficients

Standard Error:	3830000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	14.428925	100.0	50974.0	1.442892	Y
2	STD2 580-379142/12	20.0	22.953236	100.0	65799.0	1.147662	Y
3	STD3 580-379142/11	50.0	63.32283	100.0	75532.0	1.266457	Y
4	STD4 580-379142/10	100.0	121.376916	100.0	82968.0	1.213769	Y
5	STD5 580-379142/9	200.0	228.326728	100.0	90840.0	1.141634	Y
6	STD6 580-379142/8	500.0	547.110012	100.0	99516.0	1.09422	Y
7	STD7IS 580-379142/7	1000.0	1195.009506	100.0	94680.0	1.19501	Y
8	STD8 580-379142/6	2000.0	2087.948059	100.0	103195.0	1.043974	Y
9	STD9 580-379142/5	5000.0	5056.905344	100.0	103934.0	1.011381	Y
10	STD10 580-379142/4	10000.0	7744.64214	100.0	107067.0	0.774464	Y



Calibration / Anthracene

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

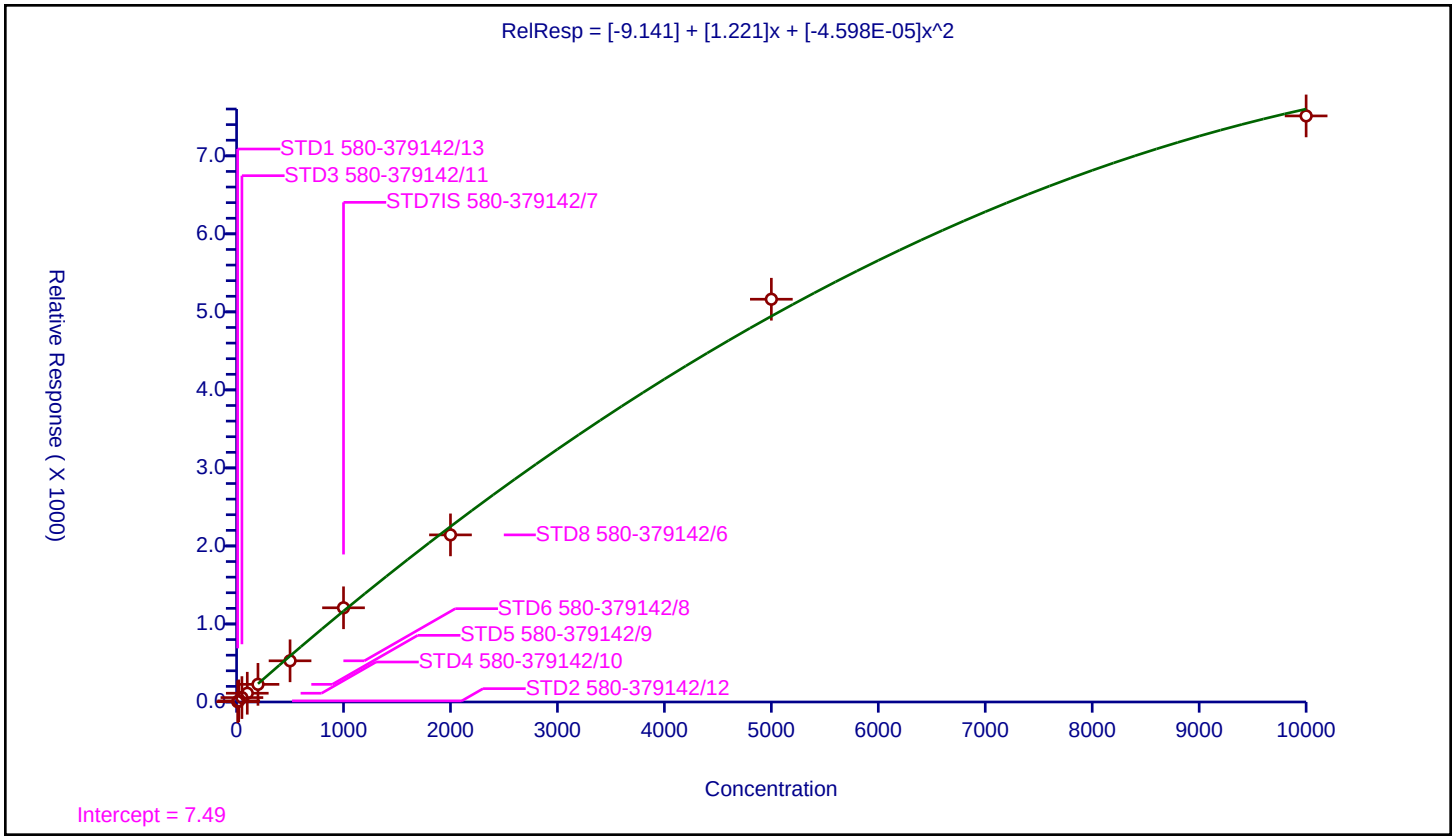
Curve Coefficients

Intercept:	-9.141
Slope:	1.221
Second Order:	-4.598E-05

Error Coefficients

Standard Error:	3780000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	3.85883	100.0	50974.0	0.385883	Y
2	STD2 580-379142/12	20.0	14.495661	100.0	65799.0	0.724783	Y
3	STD3 580-379142/11	50.0	56.53895	100.0	75532.0	1.130779	Y
4	STD4 580-379142/10	100.0	112.289075	100.0	82968.0	1.122891	Y
5	STD5 580-379142/9	200.0	226.239542	100.0	90840.0	1.131198	Y
6	STD6 580-379142/8	500.0	527.982435	100.0	99516.0	1.055965	Y
7	STD7IS 580-379142/7	1000.0	1207.275032	100.0	94680.0	1.207275	Y
8	STD8 580-379142/6	2000.0	2141.80532	100.0	103195.0	1.070903	Y
9	STD9 580-379142/5	5000.0	5162.000885	100.0	103934.0	1.0324	Y
10	STD10 580-379142/4	10000.0	7511.513351	100.0	107067.0	0.751151	Y



Calibration / Carbazole

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

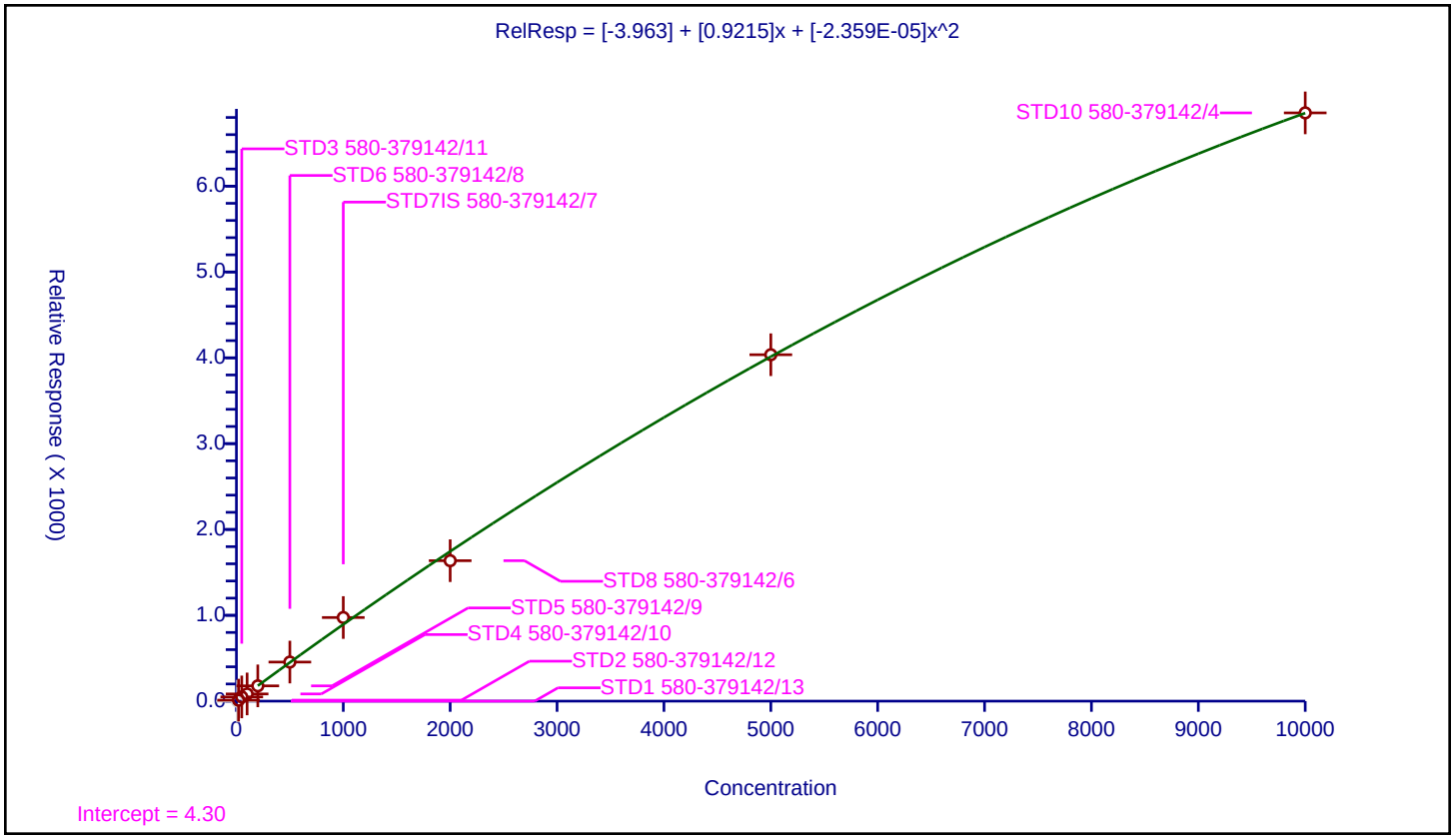
Curve Coefficients

Intercept:	-3.963
Slope:	0.9215
Second Order:	-2.359E-05

Error Coefficients

Standard Error:	3540000
Relative Standard Error:	10.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	50974.0	0.0	N
2	STD2 580-379142/12	20.0	11.744859	100.0	65799.0	0.587243	Y
3	STD3 580-379142/11	50.0	49.26786	100.0	75532.0	0.985357	Y
4	STD4 580-379142/10	100.0	83.841963	100.0	82968.0	0.83842	Y
5	STD5 580-379142/9	200.0	177.863276	100.0	90840.0	0.889316	Y
6	STD6 580-379142/8	500.0	455.486555	100.0	99516.0	0.910973	Y
7	STD7IS 580-379142/7	1000.0	974.070553	100.0	94680.0	0.974071	Y
8	STD8 580-379142/6	2000.0	1636.21784	100.0	103195.0	0.818109	Y
9	STD9 580-379142/5	5000.0	4036.059422	100.0	103934.0	0.807212	Y
10	STD10 580-379142/4	10000.0	6853.598214	100.0	107067.0	0.68536	Y



Calibration / Di-n-butyl phthalate

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

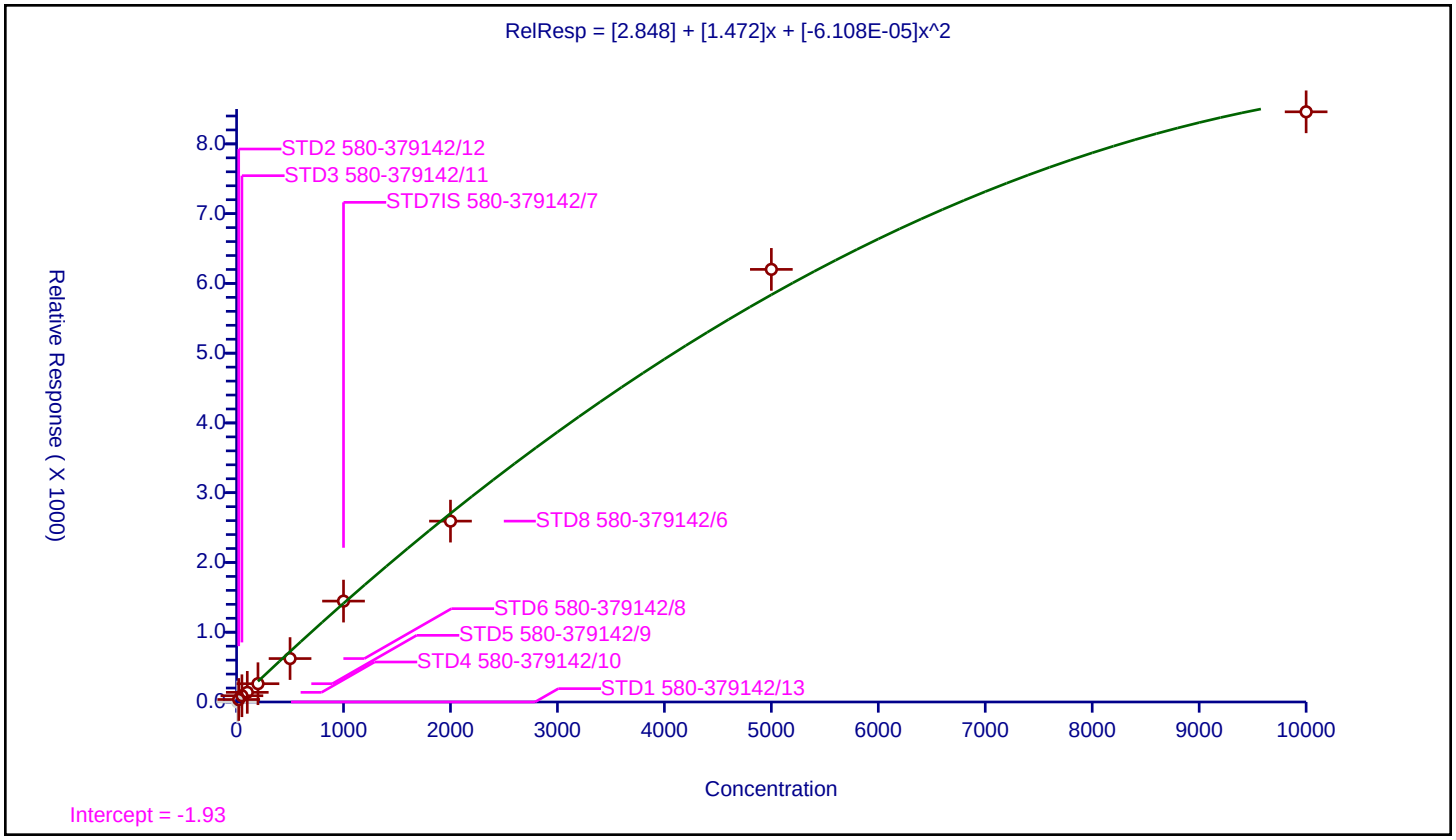
Curve Coefficients

Intercept:	2.848
Slope:	1.472
Second Order:	-6.108E-05

Error Coefficients

Standard Error:	4700000
Relative Standard Error:	12.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	50974.0	0.0	N
2	STD2 580-379142/12	20.0	35.915439	100.0	65799.0	1.795772	Y
3	STD3 580-379142/11	50.0	89.454801	100.0	75532.0	1.789096	Y
4	STD4 580-379142/10	100.0	138.09541	100.0	82968.0	1.380954	Y
5	STD5 580-379142/9	200.0	262.221488	100.0	90840.0	1.311107	Y
6	STD6 580-379142/8	500.0	622.433579	100.0	99516.0	1.244867	Y
7	STD7IS 580-379142/7	1000.0	1446.298057	100.0	94680.0	1.446298	Y
8	STD8 580-379142/6	2000.0	2592.746742	100.0	103195.0	1.296373	Y
9	STD9 580-379142/5	5000.0	6200.982354	100.0	103934.0	1.240196	Y
10	STD10 580-379142/4	10000.0	8459.818618	100.0	107067.0	0.845982	Y



Calibration / Fluoranthene

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

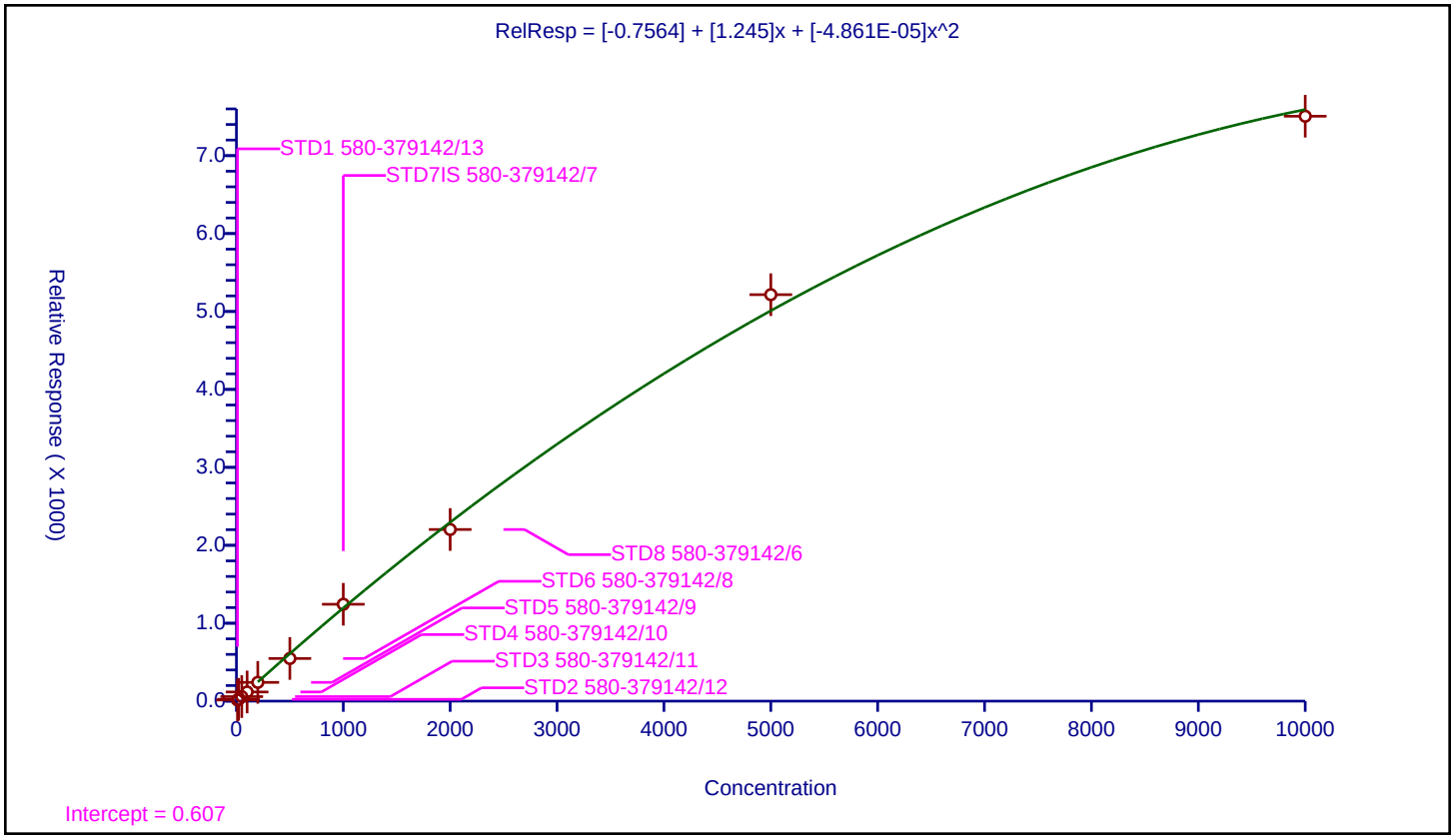
Curve Coefficients

Intercept:	-0.7564
Slope:	1.245
Second Order:	-4.861E-05

Error Coefficients

Standard Error:	3790000
Relative Standard Error:	10.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	14.362224	100.0	50974.0	1.436222	Y
2	STD2 580-379142/12	20.0	23.530753	100.0	65799.0	1.176538	Y
3	STD3 580-379142/11	50.0	58.229625	100.0	75532.0	1.164592	Y
4	STD4 580-379142/10	100.0	117.768296	100.0	82968.0	1.177683	Y
5	STD5 580-379142/9	200.0	240.804712	100.0	90840.0	1.204024	Y
6	STD6 580-379142/8	500.0	547.519997	100.0	99516.0	1.09504	Y
7	STD7IS 580-379142/7	1000.0	1243.168568	100.0	94680.0	1.243169	Y
8	STD8 580-379142/6	2000.0	2202.522409	100.0	103195.0	1.101261	Y
9	STD9 580-379142/5	5000.0	5216.225682	100.0	103934.0	1.043245	Y
10	STD10 580-379142/4	10000.0	7505.862684	100.0	107067.0	0.750586	Y



Calibration / Benzidine

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

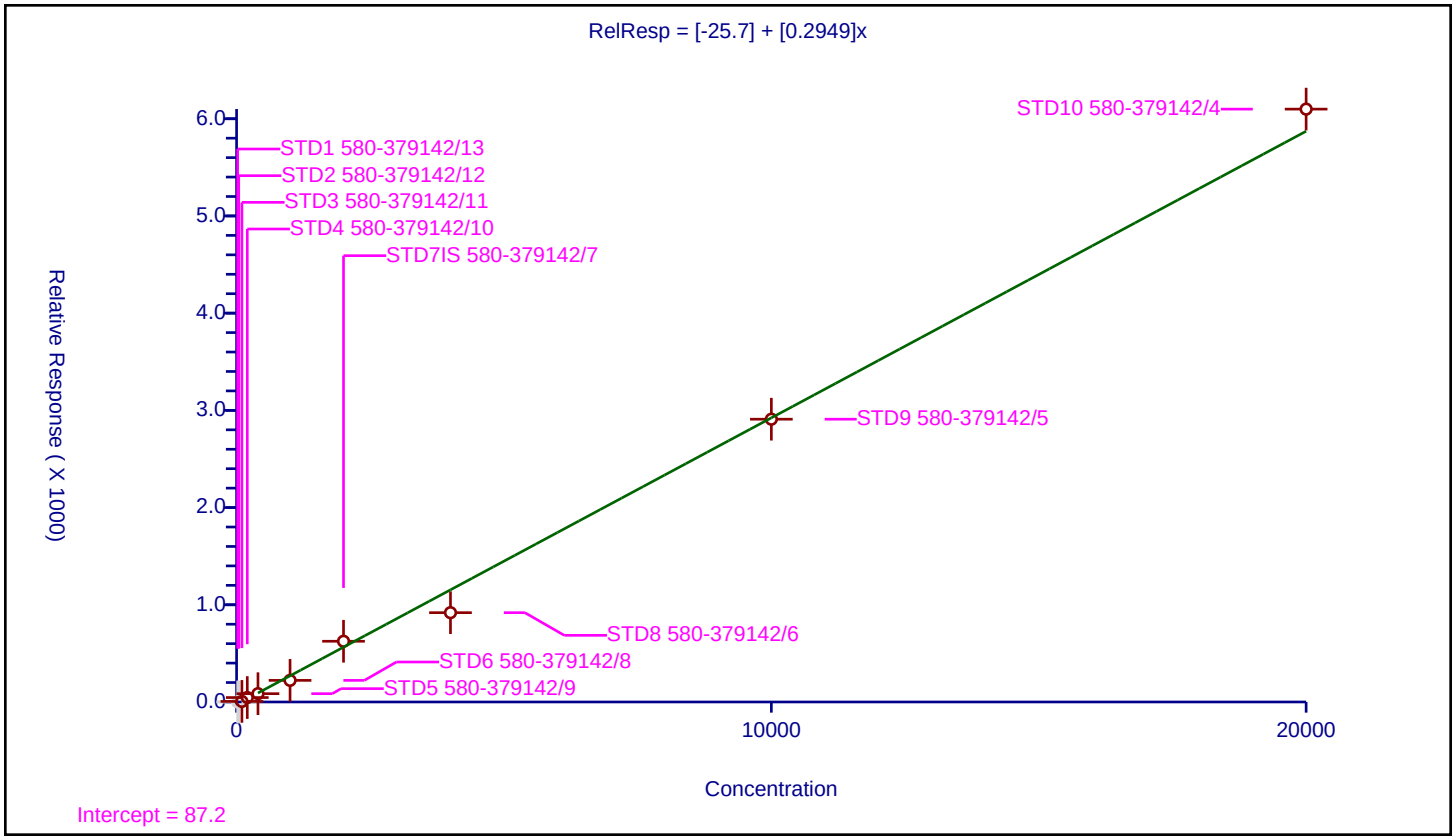
Curve Coefficients

Intercept:	-25.7
Slope:	0.2949

Error Coefficients

Standard Error:	2970000
Relative Standard Error:	14.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	20.0	0.0	100.0	50974.0	0.0	N
2	STD2 580-379142/12	40.0	0.0	100.0	65799.0	0.0	N
3	STD3 580-379142/11	100.0	5.797543	100.0	75532.0	0.057975	Y
4	STD4 580-379142/10	200.0	45.726063	100.0	82968.0	0.22863	Y
5	STD5 580-379142/9	400.0	85.361074	100.0	90840.0	0.213403	Y
6	STD6 580-379142/8	1000.0	222.426544	100.0	99516.0	0.222427	Y
7	STD7IS 580-379142/7	2000.0	624.713773	100.0	94680.0	0.312357	Y
8	STD8 580-379142/6	4000.0	918.745094	100.0	103195.0	0.229686	Y
9	STD9 580-379142/5	10000.0	2908.967229	100.0	103934.0	0.290897	Y
10	STD10 580-379142/4	20000.0	6099.000626	100.0	107067.0	0.30495	Y



Calibration / Pyrene

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

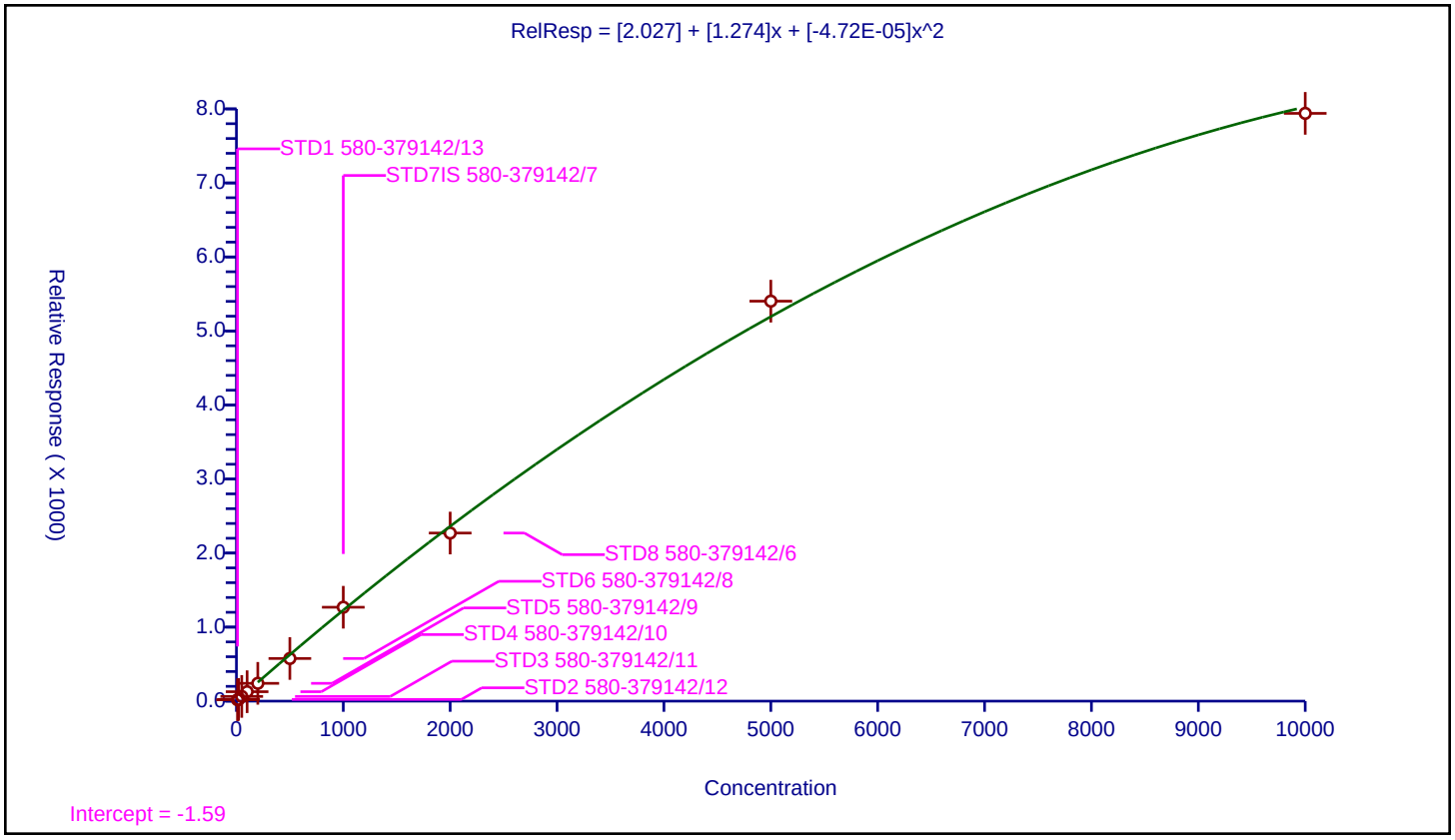
Curve Coefficients

Intercept:	2.027
Slope:	1.274
Second Order:	-4.72E-05

Error Coefficients

Standard Error:	3980000
Relative Standard Error:	14.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	18.923373	100.0	50974.0	1.892337	Y
2	STD2 580-379142/12	20.0	23.252633	100.0	65799.0	1.162632	Y
3	STD3 580-379142/11	50.0	63.602182	100.0	75532.0	1.272044	Y
4	STD4 580-379142/10	100.0	127.494938	100.0	82968.0	1.274949	Y
5	STD5 580-379142/9	200.0	240.653897	100.0	90840.0	1.203269	Y
6	STD6 580-379142/8	500.0	576.203827	100.0	99516.0	1.152408	Y
7	STD7IS 580-379142/7	1000.0	1268.457964	100.0	94680.0	1.268458	Y
8	STD8 580-379142/6	2000.0	2270.534425	100.0	103195.0	1.135267	Y
9	STD9 580-379142/5	5000.0	5402.90569	100.0	103934.0	1.080581	Y
10	STD10 580-379142/4	10000.0	7939.665817	100.0	107067.0	0.793967	Y



Calibration / Terphenyl-d14

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

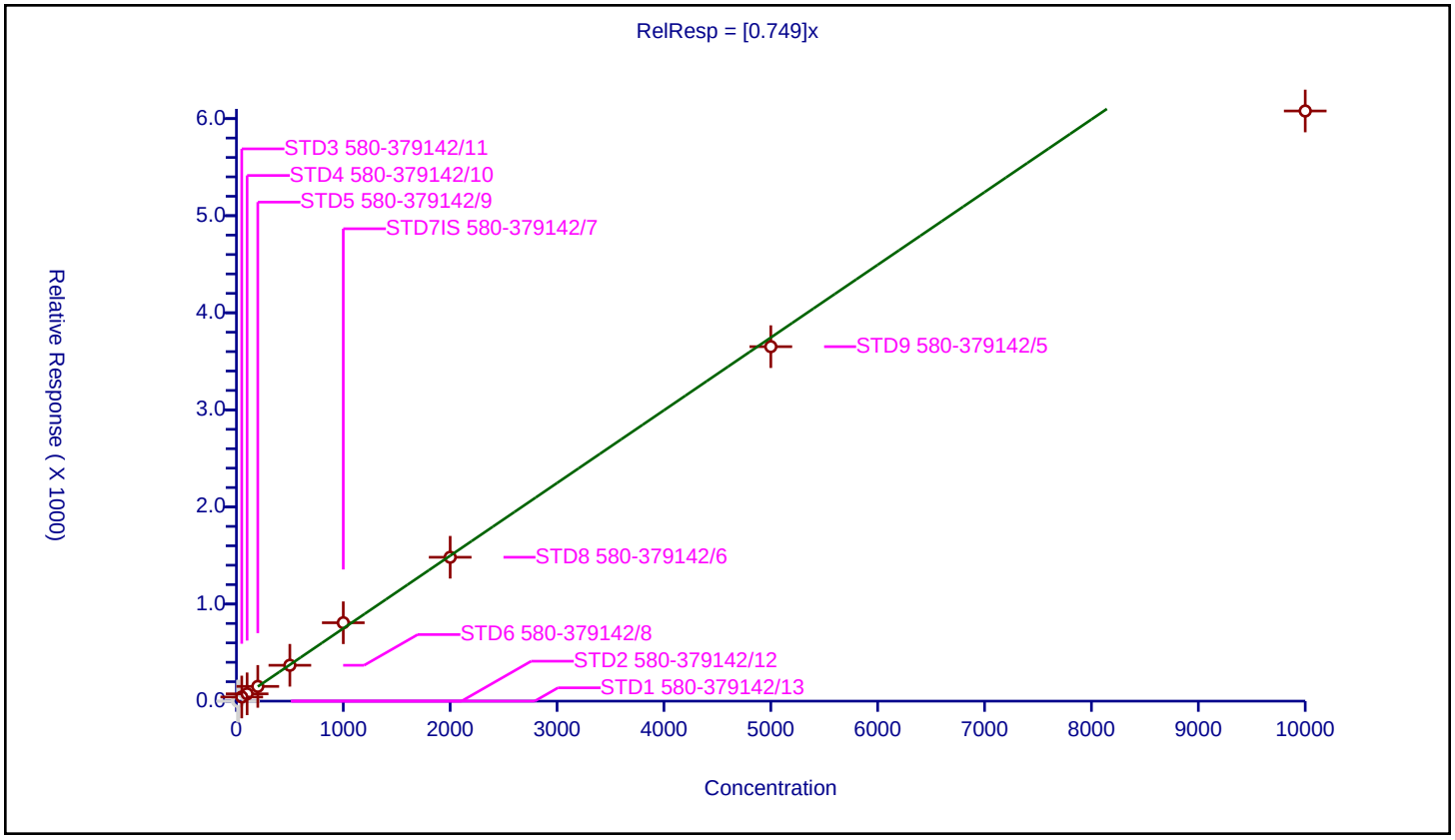
Curve Coefficients

Intercept:	0
Slope:	0.749

Error Coefficients

Standard Error:	2920000
Relative Standard Error:	9.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	50974.0	0.0	N
2	STD2 580-379142/12	20.0	0.0	100.0	65799.0	0.0	N
3	STD3 580-379142/11	50.0	42.662712	100.0	75532.0	0.853254	Y
4	STD4 580-379142/10	100.0	75.426671	100.0	82968.0	0.754267	Y
5	STD5 580-379142/9	200.0	151.772347	100.0	90840.0	0.758862	Y
6	STD6 580-379142/8	500.0	369.441095	100.0	99516.0	0.738882	Y
7	STD7IS 580-379142/7	1000.0	807.398606	100.0	94680.0	0.807399	Y
8	STD8 580-379142/6	2000.0	1481.948738	100.0	103195.0	0.740974	Y
9	STD9 580-379142/5	5000.0	3651.107434	100.0	103934.0	0.730221	Y
10	STD10 580-379142/4	10000.0	6078.685309	100.0	107067.0	0.607869	Y



Calibration / Butyl benzyl phthalate

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

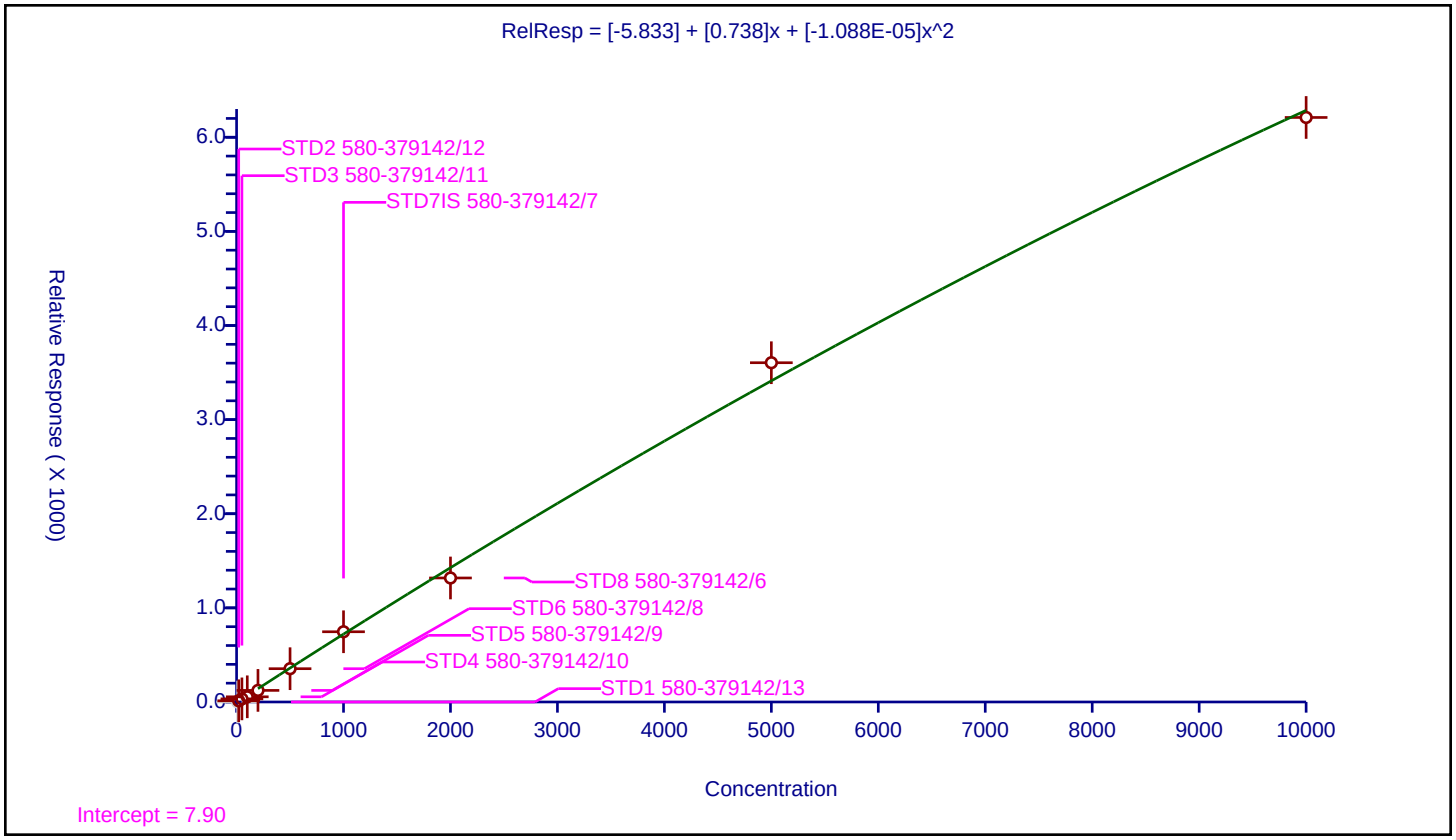
Curve Coefficients

Intercept:	-5.833
Slope:	0.738
Second Order:	-1.088E-05

Error Coefficients

Standard Error:	2670000
Relative Standard Error:	14.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41671.0	0.0	N
2	STD2 580-379142/12	20.0	12.803557	100.0	53079.0	0.640178	Y
3	STD3 580-379142/11	50.0	32.9168	100.0	65781.0	0.658336	Y
4	STD4 580-379142/10	100.0	55.082578	100.0	67633.0	0.550826	Y
5	STD5 580-379142/9	200.0	123.027663	100.0	73238.0	0.615138	Y
6	STD6 580-379142/8	500.0	353.721773	100.0	72049.0	0.707444	Y
7	STD7IS 580-379142/7	1000.0	746.147689	100.0	77460.0	0.746148	Y
8	STD8 580-379142/6	2000.0	1317.462249	100.0	88740.0	0.658731	Y
9	STD9 580-379142/5	5000.0	3604.564417	100.0	85575.0	0.720913	Y
10	STD10 580-379142/4	10000.0	6210.1117	100.0	90331.0	0.621011	Y



Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

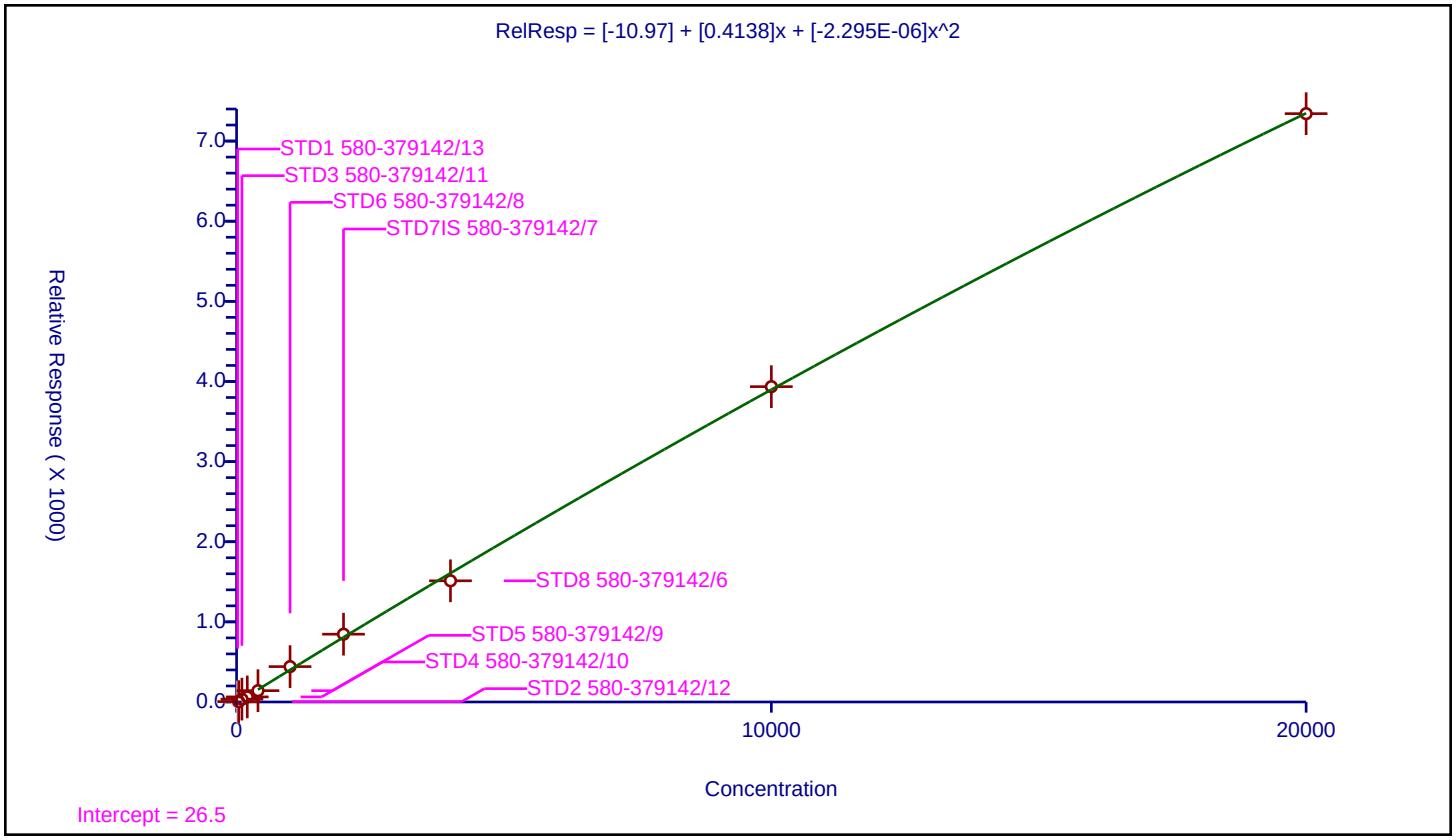
Curve Coefficients

Intercept:	-10.97
Slope:	0.4138
Second Order:	-2.295E-06

Error Coefficients

Standard Error:	3100000
Relative Standard Error:	9.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	20.0	0.0	100.0	41671.0	0.0	N
2	STD2 580-379142/12	40.0	4.777784	100.0	53079.0	0.119445	Y
3	STD3 580-379142/11	100.0	35.718521	100.0	65781.0	0.357185	Y
4	STD4 580-379142/10	200.0	63.508938	100.0	67633.0	0.317545	Y
5	STD5 580-379142/9	400.0	141.378792	100.0	73238.0	0.353447	Y
6	STD6 580-379142/8	1000.0	441.518966	100.0	72049.0	0.441519	Y
7	STD7IS 580-379142/7	2000.0	846.054738	100.0	77460.0	0.423027	Y
8	STD8 580-379142/6	4000.0	1512.412666	100.0	88740.0	0.378103	Y
9	STD9 580-379142/5	10000.0	3935.21005	100.0	85575.0	0.393521	Y
10	STD10 580-379142/4	20000.0	7342.255704	100.0	90331.0	0.367113	Y



Calibration / Benzo[a]anthracene

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

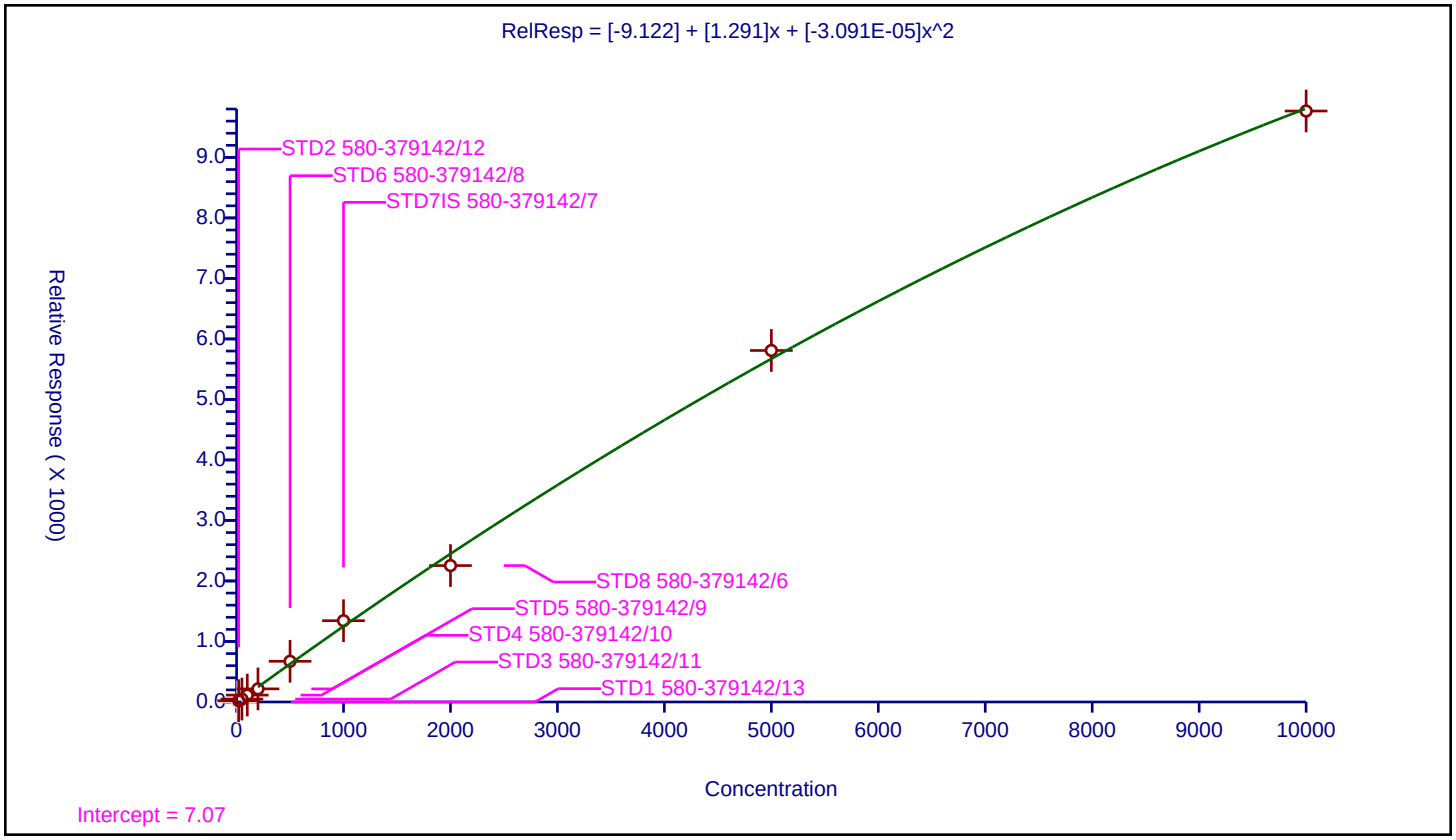
Curve Coefficients

Intercept:	-9.122
Slope:	1.291
Second Order:	-3.091E-05

Error Coefficients

Standard Error:	4240000
Relative Standard Error:	12.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41671.0	0.0	N
2	STD2 580-379142/12	20.0	21.720454	100.0	53079.0	1.086023	Y
3	STD3 580-379142/11	50.0	48.098995	100.0	65781.0	0.96198	Y
4	STD4 580-379142/10	100.0	113.793562	100.0	67633.0	1.137936	Y
5	STD5 580-379142/9	200.0	216.647096	100.0	73238.0	1.083235	Y
6	STD6 580-379142/8	500.0	672.710239	100.0	72049.0	1.34542	Y
7	STD7IS 580-379142/7	1000.0	1343.520527	100.0	77460.0	1.343521	Y
8	STD8 580-379142/6	2000.0	2254.334009	100.0	88740.0	1.127167	Y
9	STD9 580-379142/5	5000.0	5809.453696	100.0	85575.0	1.161891	Y
10	STD10 580-379142/4	10000.0	9766.9759	100.0	90331.0	0.976698	Y



Calibration / Chrysene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

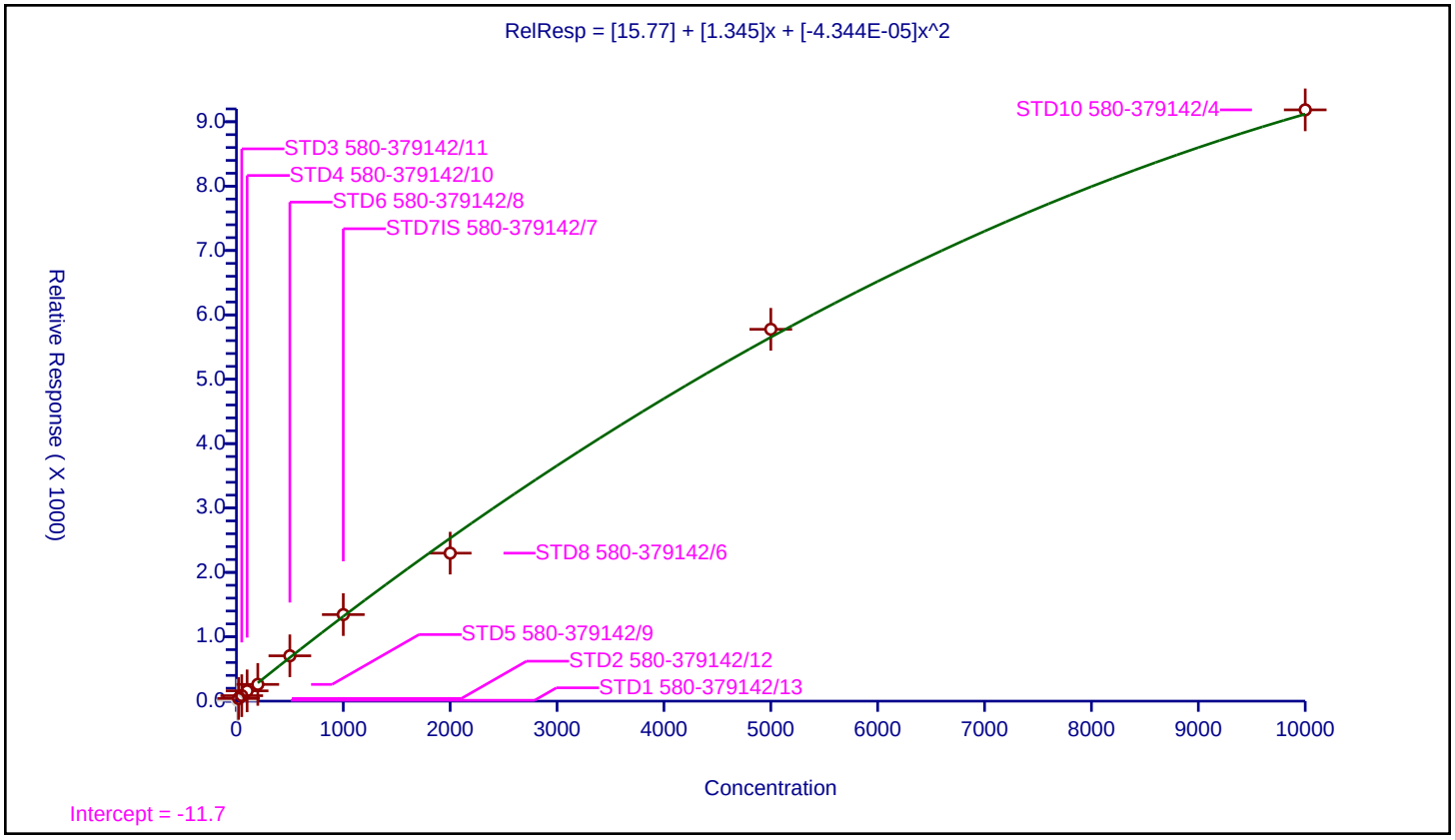
Curve Coefficients

Intercept:	15.77
Slope:	1.345
Second Order:	-4.344E-05

Error Coefficients

Standard Error:	4050000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	13.402606	100.0	41671.0	1.340261	N
2	STD2 580-379142/12	20.0	42.073136	100.0	53079.0	2.103657	Y
3	STD3 580-379142/11	50.0	85.144647	100.0	65781.0	1.702893	Y
4	STD4 580-379142/10	100.0	159.932282	100.0	67633.0	1.599323	Y
5	STD5 580-379142/9	200.0	260.142276	100.0	73238.0	1.300711	Y
6	STD6 580-379142/8	500.0	704.24017	100.0	72049.0	1.40848	Y
7	STD7IS 580-379142/7	1000.0	1344.337723	100.0	77460.0	1.344338	Y
8	STD8 580-379142/6	2000.0	2298.975659	100.0	88740.0	1.149488	Y
9	STD9 580-379142/5	5000.0	5776.269939	100.0	85575.0	1.155254	Y
10	STD10 580-379142/4	10000.0	9185.233198	100.0	90331.0	0.918523	Y



Calibration / Bis(2-ethylhexyl) phthalate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

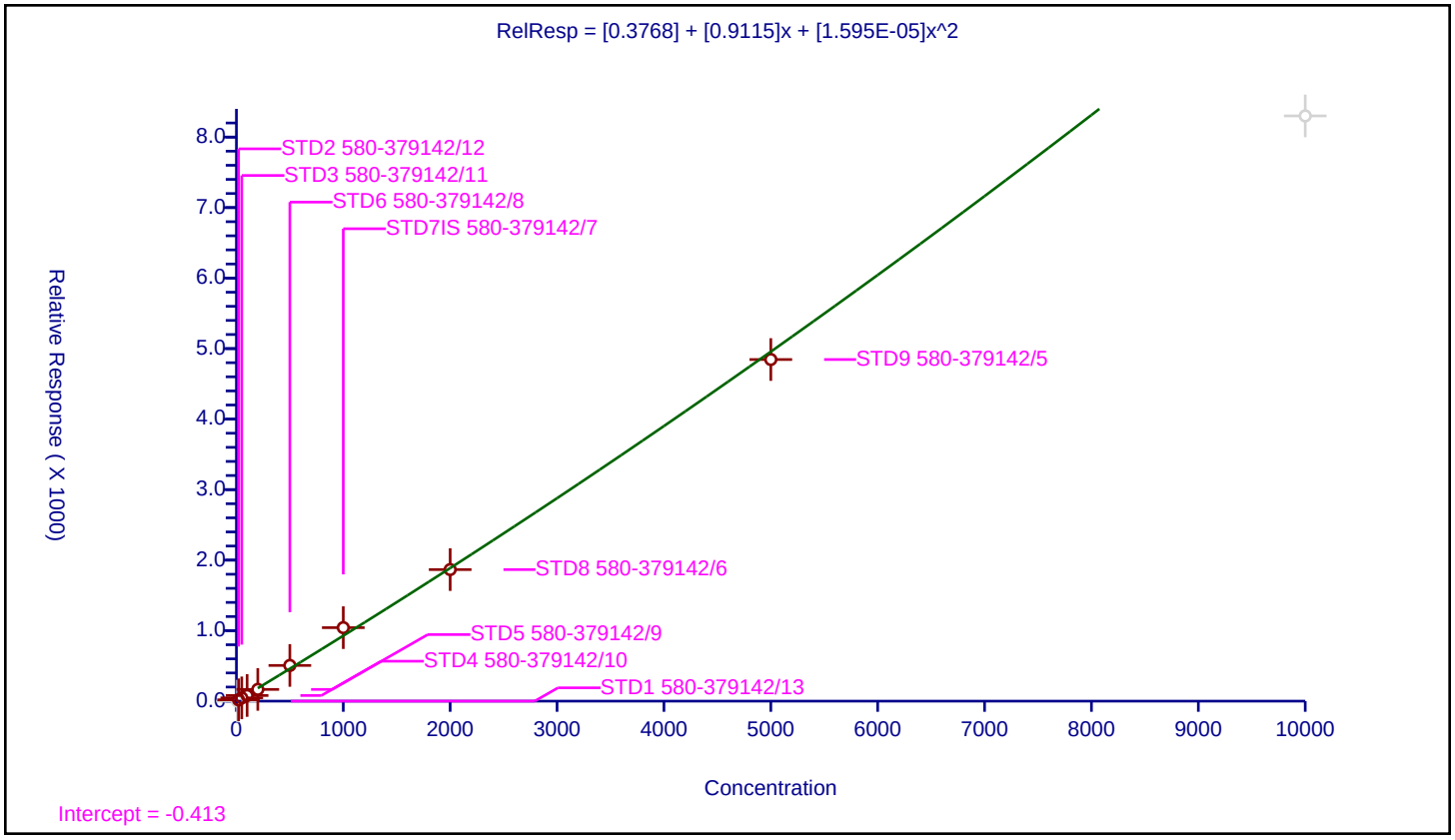
Curve Coefficients

Intercept:	0.3768
Slope:	0.9115
Second Order:	1.595E-05

Error Coefficients

Standard Error:	2030000
Relative Standard Error:	10.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	41671.0	0.0	N
2	STD2 580-379142/12	20.0	19.11302	100.0	53079.0	0.955651	Y
3	STD3 580-379142/11	50.0	46.12122	100.0	65781.0	0.922424	Y
4	STD4 580-379142/10	100.0	80.057073	100.0	67633.0	0.800571	Y
5	STD5 580-379142/9	200.0	166.2798	100.0	73238.0	0.831399	Y
6	STD6 580-379142/8	500.0	506.236034	100.0	72049.0	1.012472	Y
7	STD7IS 580-379142/7	1000.0	1042.501936	100.0	77460.0	1.042502	Y
8	STD8 580-379142/6	2000.0	1866.061528	100.0	88740.0	0.933031	Y
9	STD9 580-379142/5	5000.0	4845.169734	100.0	85575.0	0.969034	Y
10	STD10 580-379142/4	10000.0	8300.425103	100.0	90331.0	0.830043	N



Calibration / Di-n-octyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

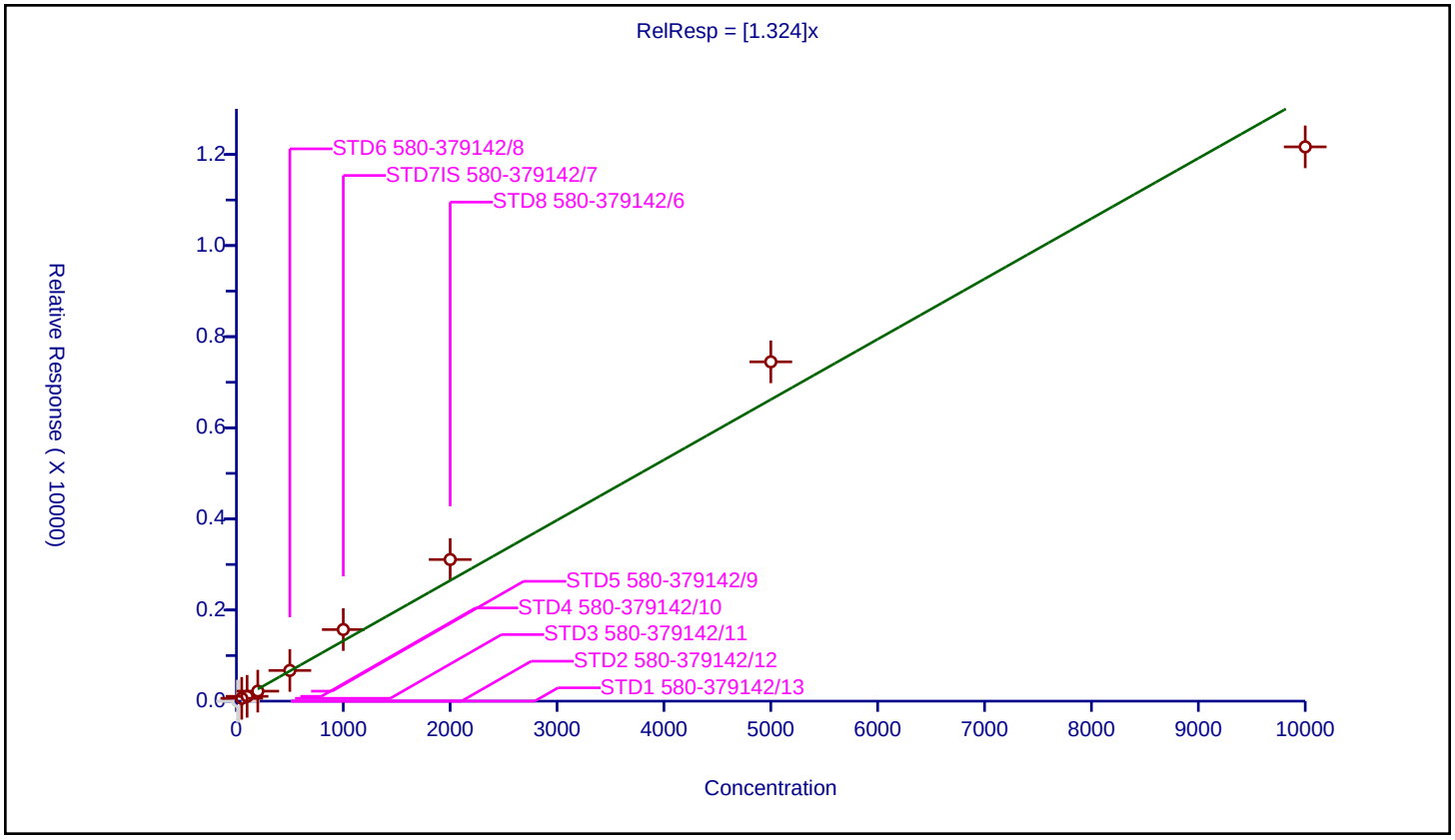
Curve Coefficients

Intercept:	0
Slope:	1.324

Error Coefficients

Standard Error:	5380000
Relative Standard Error:	15.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	53713.0	0.0	N
2	STD2 580-379142/12	20.0	0.0	100.0	55387.0	0.0	N
3	STD3 580-379142/11	50.0	62.538691	100.0	68492.0	1.250774	Y
4	STD4 580-379142/10	100.0	106.302638	100.0	75635.0	1.063026	Y
5	STD5 580-379142/9	200.0	219.783519	100.0	75942.0	1.098918	Y
6	STD6 580-379142/8	500.0	673.791935	100.0	83791.0	1.347584	Y
7	STD7IS 580-379142/7	1000.0	1571.002398	100.0	82562.0	1.571002	Y
8	STD8 580-379142/6	2000.0	3108.672872	100.0	87987.0	1.554336	Y
9	STD9 580-379142/5	5000.0	7447.928546	100.0	93823.0	1.489586	Y
10	STD10 580-379142/4	10000.0	12166.362837	100.0	98959.0	1.216636	Y



Calibration / Benzo[b]fluoranthene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

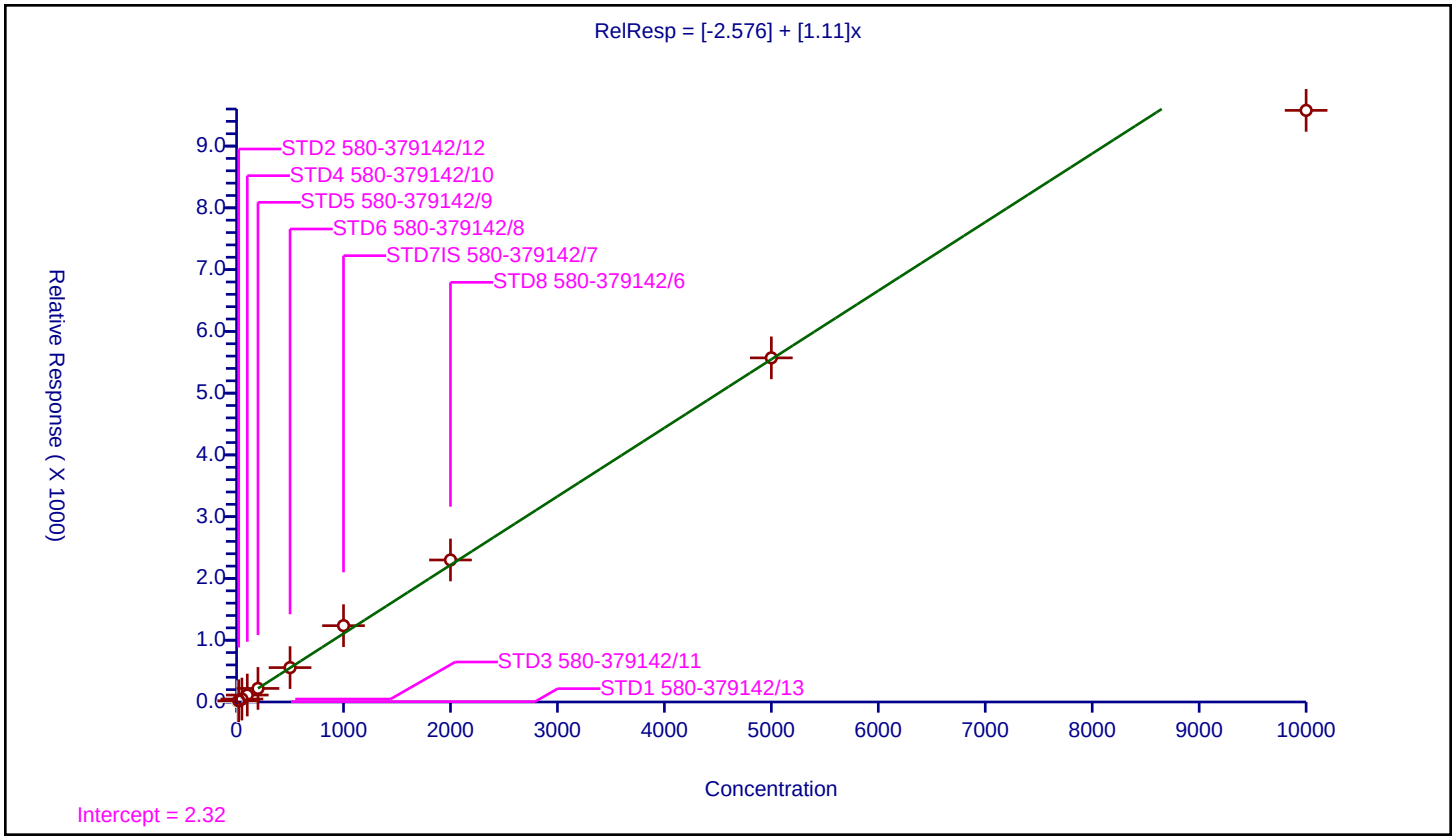
Curve Coefficients

Intercept:	-2.576
Slope:	1.11

Error Coefficients

Standard Error:	4180000
Relative Standard Error:	7.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	5.266881	100.0	53713.0	0.526688	N
2	STD2 580-379142/12	20.0	20.212324	100.0	55387.0	1.010616	Y
3	STD3 580-379142/11	50.0	47.827484	100.0	68492.0	0.95655	Y
4	STD4 580-379142/10	100.0	112.63304	100.0	75635.0	1.12633	Y
5	STD5 580-379142/9	200.0	219.62682	100.0	75942.0	1.098134	Y
6	STD6 580-379142/8	500.0	556.623026	100.0	83791.0	1.113246	Y
7	STD7IS 580-379142/7	1000.0	1235.716189	100.0	82562.0	1.235716	Y
8	STD8 580-379142/6	2000.0	2299.10555	100.0	87987.0	1.149553	Y
9	STD9 580-379142/5	5000.0	5571.283161	100.0	93823.0	1.114257	Y
10	STD10 580-379142/4	10000.0	9578.023222	100.0	98959.0	0.957802	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

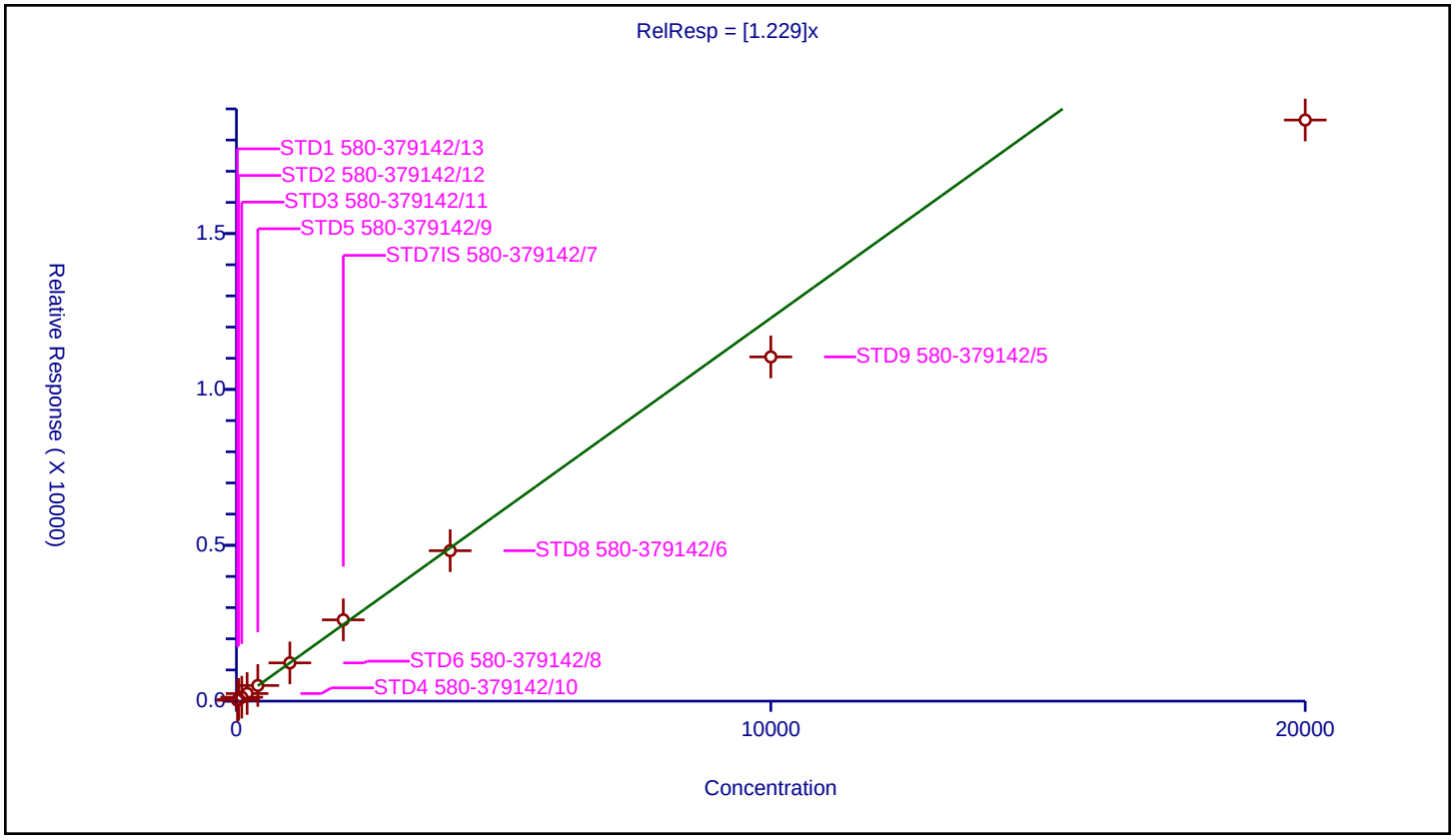
Curve Coefficients

Intercept:	0
Slope:	1.229

Error Coefficients

Standard Error:	7230000
Relative Standard Error:	10.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	20.0	28.233389	100.0	53713.0	1.411669	Y
2	STD2 580-379142/12	40.0	54.176973	100.0	55387.0	1.354424	Y
3	STD3 580-379142/11	100.0	127.103895	100.0	68492.0	1.271039	Y
4	STD4 580-379142/10	200.0	244.261255	100.0	75635.0	1.221306	Y
5	STD5 580-379142/9	400.0	502.371547	100.0	75942.0	1.255929	Y
6	STD6 580-379142/8	1000.0	1227.080474	100.0	83791.0	1.22708	Y
7	STD7IS 580-379142/7	2000.0	2608.247135	100.0	82562.0	1.304124	Y
8	STD8 580-379142/6	4000.0	4826.437997	100.0	87987.0	1.206609	Y
9	STD9 580-379142/5	10000.0	11043.410464	100.0	93823.0	1.104341	Y
10	STD10 580-379142/4	20000.0	18642.838954	100.0	98959.0	0.932142	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

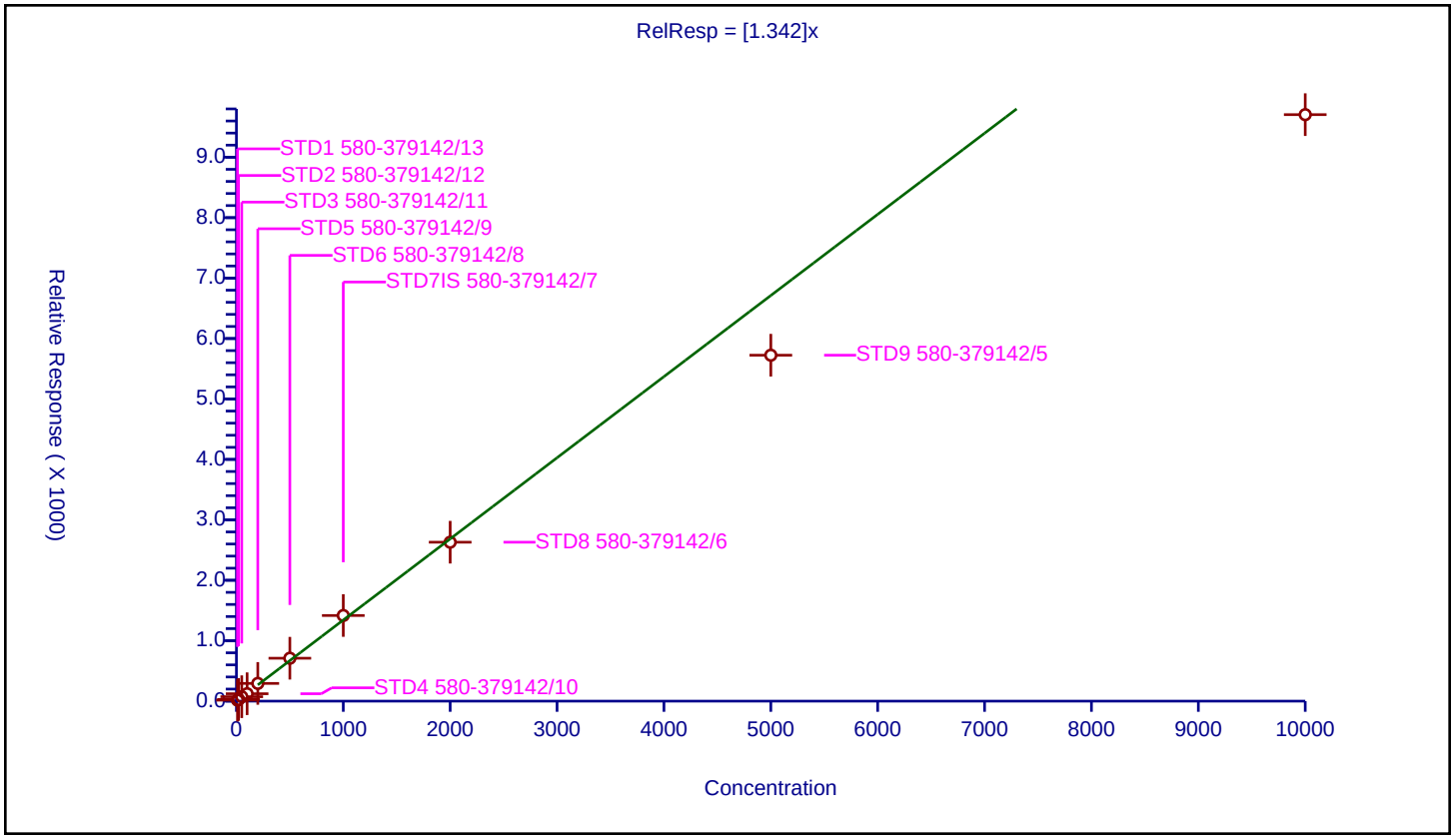
Curve Coefficients

Intercept:	0
Slope:	1.342

Error Coefficients

Standard Error:	3770000
Relative Standard Error:	14.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	16.294007	100.0	53713.0	1.629401	Y
2	STD2 580-379142/12	20.0	27.338545	100.0	55387.0	1.366927	Y
3	STD3 580-379142/11	50.0	73.329732	100.0	68492.0	1.466595	Y
4	STD4 580-379142/10	100.0	122.710385	100.0	75635.0	1.227104	Y
5	STD5 580-379142/9	200.0	293.359406	100.0	75942.0	1.466797	Y
6	STD6 580-379142/8	500.0	710.156222	100.0	83791.0	1.420312	Y
7	STD7IS 580-379142/7	1000.0	1417.098665	100.0	82562.0	1.417099	Y
8	STD8 580-379142/6	2000.0	2629.951015	100.0	87987.0	1.314976	Y
9	STD9 580-379142/5	5000.0	5724.219008	100.0	93823.0	1.144844	Y
10	STD10 580-379142/4	10000.0	9705.01824	100.0	98959.0	0.970502	Y



Calibration / Benzo[a]pyrene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

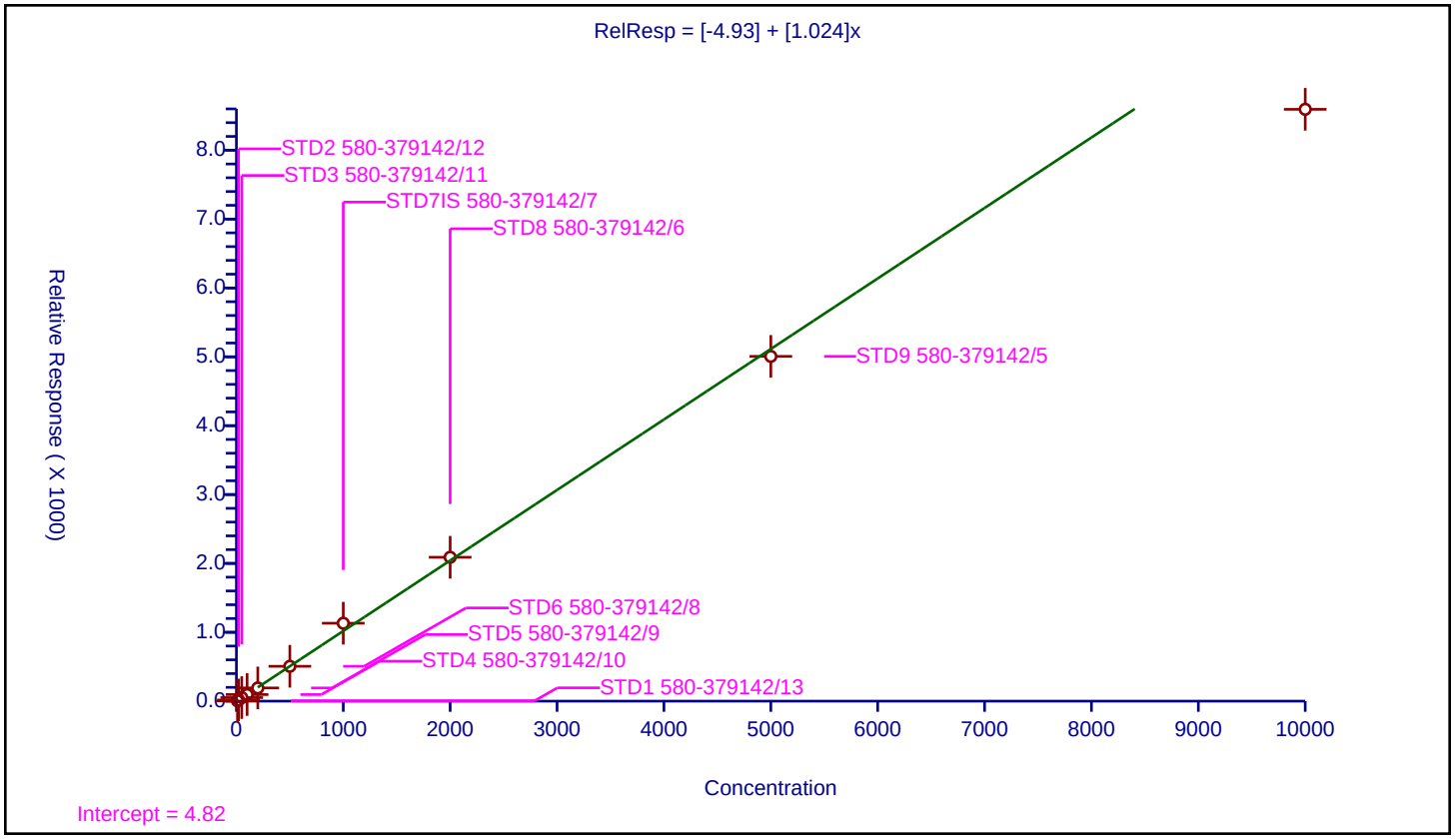
Curve Coefficients

Intercept:	-4.93
Slope:	1.024

Error Coefficients

Standard Error:	3510000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	4.915011	100.0	53713.0	0.491501	Y
2	STD2 580-379142/12	20.0	16.370267	100.0	55387.0	0.818513	Y
3	STD3 580-379142/11	50.0	51.584127	100.0	68492.0	1.031683	Y
4	STD4 580-379142/10	100.0	95.634296	100.0	75635.0	0.956343	Y
5	STD5 580-379142/9	200.0	191.816123	100.0	75942.0	0.959081	Y
6	STD6 580-379142/8	500.0	506.124763	100.0	83791.0	1.01225	Y
7	STD7IS 580-379142/7	1000.0	1131.617451	100.0	82562.0	1.131617	Y
8	STD8 580-379142/6	2000.0	2089.057474	100.0	87987.0	1.044529	Y
9	STD9 580-379142/5	5000.0	5006.114705	100.0	93823.0	1.001223	Y
10	STD10 580-379142/4	10000.0	8593.954062	100.0	98959.0	0.859395	Y



Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

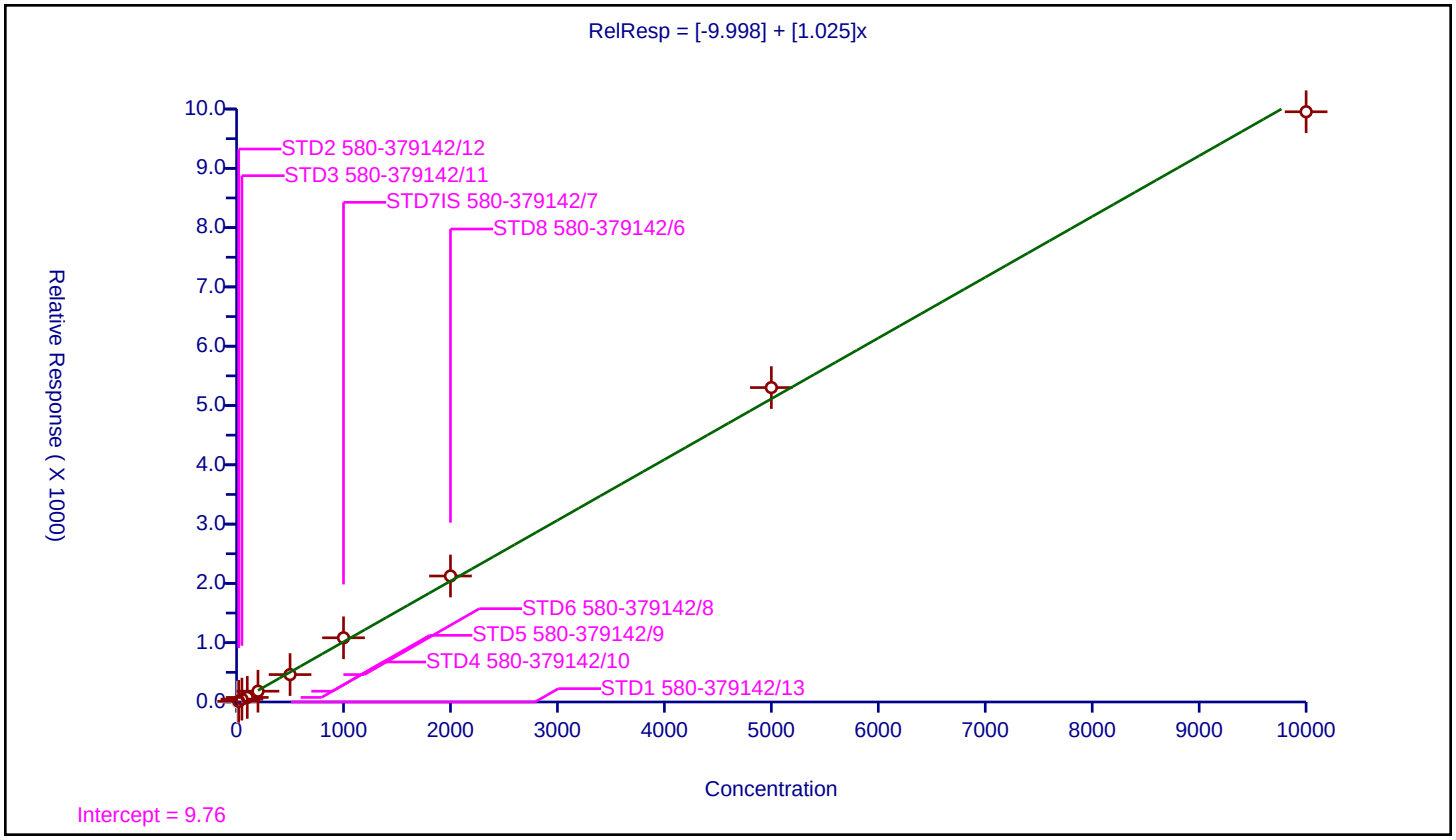
Curve Coefficients

Intercept:	-9.998
Slope:	1.025

Error Coefficients

Standard Error:	4240000
Relative Standard Error:	9.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	0.0	100.0	53713.0	0.0	N
2	STD2 580-379142/12	20.0	11.248127	100.0	55387.0	0.562406	Y
3	STD3 580-379142/11	50.0	48.360392	100.0	68492.0	0.967208	Y
4	STD4 580-379142/10	100.0	76.952469	100.0	75635.0	0.769525	Y
5	STD5 580-379142/9	200.0	181.865108	100.0	75942.0	0.909326	Y
6	STD6 580-379142/8	500.0	461.974436	100.0	83791.0	0.923949	Y
7	STD7IS 580-379142/7	1000.0	1082.734188	100.0	82562.0	1.082734	Y
8	STD8 580-379142/6	2000.0	2124.821849	100.0	87987.0	1.062411	Y
9	STD9 580-379142/5	5000.0	5302.170044	100.0	93823.0	1.060434	Y
10	STD10 580-379142/4	10000.0	9953.704059	100.0	98959.0	0.99537	Y



Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

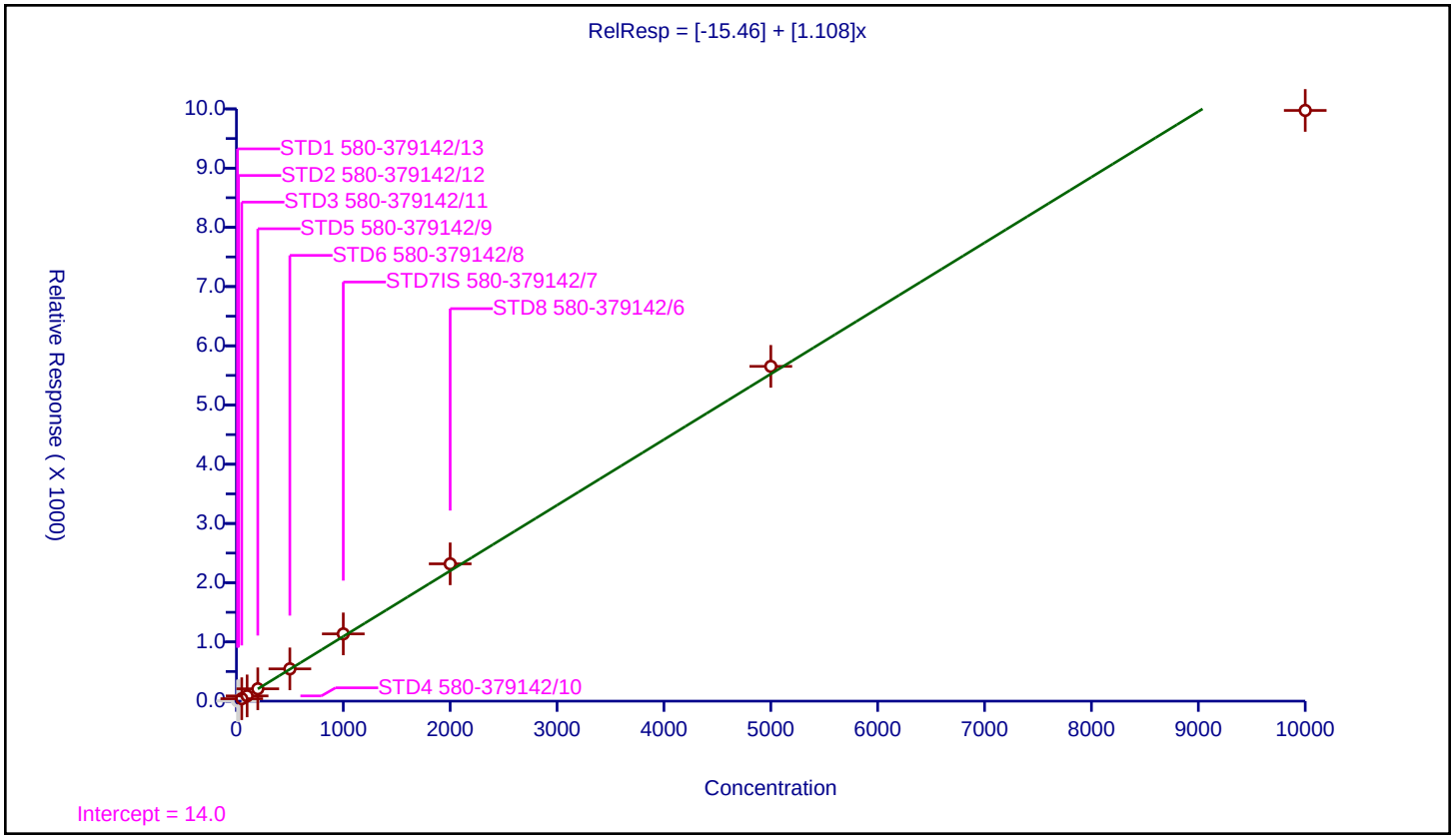
Curve Coefficients

Intercept:	-15.46
Slope:	1.108

Error Coefficients

Standard Error:	4660000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	2.157764	100.0	53713.0	0.215776	N
2	STD2 580-379142/12	20.0	7.532453	100.0	55387.0	0.376623	N
3	STD3 580-379142/11	50.0	41.346435	100.0	68492.0	0.826929	Y
4	STD4 580-379142/10	100.0	88.195941	100.0	75635.0	0.881959	Y
5	STD5 580-379142/9	200.0	208.316873	100.0	75942.0	1.041584	Y
6	STD6 580-379142/8	500.0	544.957096	100.0	83791.0	1.089914	Y
7	STD7IS 580-379142/7	1000.0	1135.953586	100.0	82562.0	1.135954	Y
8	STD8 580-379142/6	2000.0	2318.434541	100.0	87987.0	1.159217	Y
9	STD9 580-379142/5	5000.0	5652.803684	100.0	93823.0	1.130561	Y
10	STD10 580-379142/4	10000.0	9974.033691	100.0	98959.0	0.997403	Y



Calibration / Benzo[g,h,i]perylene

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

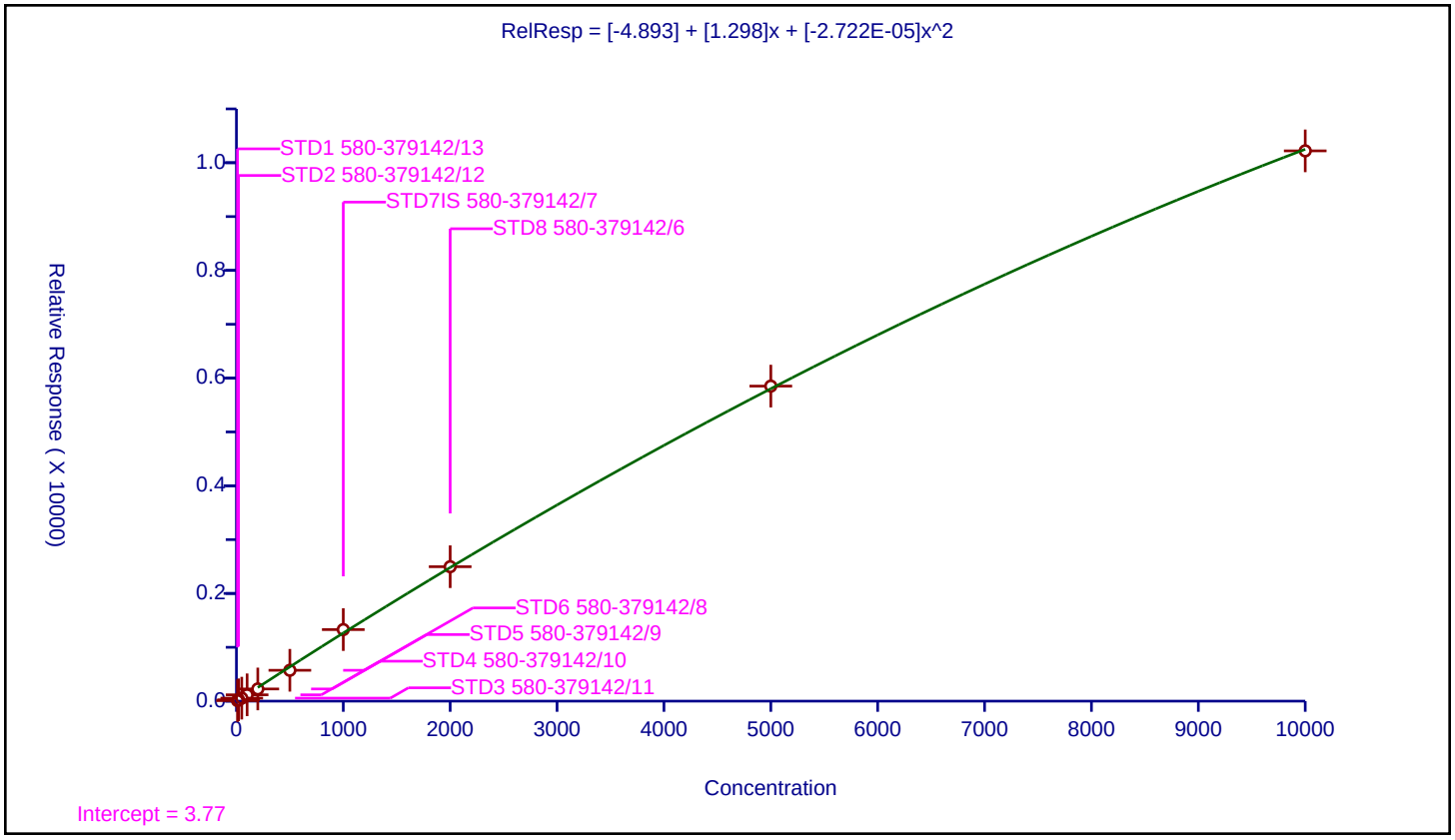
Curve Coefficients

Intercept:	-4.893
Slope:	1.298
Second Order:	-2.722E-05

Error Coefficients

Standard Error:	4450000
Relative Standard Error:	9.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-379142/13	10.0	9.552622	100.0	53713.0	0.955262	Y
2	STD2 580-379142/12	20.0	24.911983	100.0	55387.0	1.245599	Y
3	STD3 580-379142/11	50.0	55.740816	100.0	68492.0	1.114816	Y
4	STD4 580-379142/10	100.0	117.602962	100.0	75635.0	1.17603	Y
5	STD5 580-379142/9	200.0	226.385926	100.0	75942.0	1.13193	Y
6	STD6 580-379142/8	500.0	572.856273	100.0	83791.0	1.145713	Y
7	STD7IS 580-379142/7	1000.0	1329.06543	100.0	82562.0	1.329065	Y
8	STD8 580-379142/6	2000.0	2496.800664	100.0	87987.0	1.2484	Y
9	STD9 580-379142/5	5000.0	5851.337092	100.0	93823.0	1.170267	Y
10	STD10 580-379142/4	10000.0	10220.299316	100.0	98959.0	1.02203	Y



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Lab Sample ID: ICV 580-382822/15 | Calibration Date: 03/03/2022 21:44

Instrument ID: TAC040 | Calib Start Date: 03/03/2022 17:30

GC Column: ZB-SV ID: 0.25(mm) | Calib End Date: 03/03/2022 20:58

Lab File ID: 40Scan030322a018.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.3079	0.3335	0.0100	1080	1000	8.3	20.0
Pyridine	Ave	0.5747	0.5847	0.0100	2030	2000	1.7	20.0
Phenol	Ave	0.9469	0.996	0.8000	1050	1000	5.1	20.0
Aniline	Qua2		1.151	0.0100	1140	1000	13.7	20.0
Bis(2-chloroethyl)ether	Ave	0.7270	0.7723	0.7000	1060	1000	6.2	20.0
2-Chlorophenol	Ave	1.158	1.315	0.8000	1140	1000	13.5	20.0
n-Decane	Lin1		0.5112		1070	1000	6.7	20.0
1,3-Dichlorobenzene	Lin1		1.497	0.0100	1070	1000	6.8	20.0
1,4-Dichlorobenzene	Lin1		1.535	0.0100	1090	1000	8.7	20.0
Benzyl alcohol	Ave	0.4850	0.5131	0.0100	1060	1000	5.8	20.0
1,2-Dichlorobenzene	Lin1		1.480	0.0100	1100	1000	9.7	20.0
o-Cresol	Ave	0.8247	0.8738	0.7000	1060	1000	6.0	20.0
bis (2-chloroisopropyl) ether	Lin1		0.7475	0.0100	1120	1000	11.9	20.0
Acetophenone	Ave	1.204	1.276	0.0100	1060	1000	5.9	20.0
m+p-Cresol	Ave	0.8154	0.9189	0.6000	1130	1000	12.7	20.0
N-Nitrosodi-n-propylamine	Ave	0.3313	0.3665*	0.5000	1110	1000	10.6	20.0
Hexachloroethane	Lin1		0.6335	0.3000	1080	1000	7.8	20.0
Nitrobenzene	Ave	0.6002	0.6509	0.2000	1080	1000	8.5	20.0
Isophorone	Lin1		1.165	0.4000	1000	1000	0.2	20.0
2-Nitrophenol	Ave	0.5945	0.6632	0.1000	1120	1000	11.6	20.0
2,4-Dimethylphenol	Lin2		0.2460	0.2000	993	1000	-0.7	20.0
Benzoic acid	Qua2		0.4970	0.0100	1870	2000	-6.3	20.0
Bis(2-chloroethoxy)methane	Ave	0.9042	0.9792	0.3000	1080	1000	8.3	20.0
2,4-Dichlorophenol	Lin2		0.3005	0.2000	1100	1000	9.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3338	0.3604	0.0100	1080	1000	8.0	20.0
Naphthalene	Ave	0.9162	0.9741	0.7000	1060	1000	6.3	20.0
2,6-Dichlorophenol	Ave	0.5125	0.5753	0.0100	1120	1000	12.3	20.0
4-Chloroaniline	Lin2		0.3539	0.0100	999	1000	-0.1	20.0
Hexachlorobutadiene	Lin2		0.2204	0.0100	1120	1000	12.0	20.0
4-Chloro-3-methylphenol	Ave	0.3410	0.3805	0.2000	1120	1000	11.6	20.0
2-Methylnaphthalene	Ave	0.5737	0.6399	0.4000	1120	1000	11.6	20.0
1-Methylnaphthalene	Ave	0.5627	0.6083	0.0100	1080	1000	8.1	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6502	0.6759		1040	1000	3.9	20.0
Hexachlorocyclopentadiene	Qua1		0.4384	0.0500	954	1000	-4.6	20.0
2,4,6-Trichlorophenol	Lin2		0.4004	0.2000	1030	1000	2.8	20.0
2,4,5-Trichlorophenol	Qua2		0.4192	0.2000	1070	1000	7.2	20.0
1,1'-Biphenyl	Ave	1.347	1.441	0.0100	1070	1000	7.0	20.0
2-Chloronaphthalene	Ave	1.118	1.199	0.8000	1070	1000	7.2	20.0
2-Nitroaniline	Lin2		0.3650	0.0100	1040	1000	3.8	20.0
Dimethyl phthalate	Lin2		1.250	0.0100	1050	1000	5.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Lab Sample ID: ICV 580-382822/15 | Calibration Date: 03/03/2022 21:44

Instrument ID: TAC040 | Calib Start Date: 03/03/2022 17:30

GC Column: ZB-SV ID: 0.25(mm) | Calib End Date: 03/03/2022 20:58

Lab File ID: 40Scan030322a018.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,6-Dinitrotoluene	Lin2		0.2921	0.2000	1050	1000	5.3	20.0
Acenaphthylene	Ave	1.617	1.798	0.9000	1110	1000	11.2	20.0
3-Nitroaniline	Lin2		0.2558	0.0100	955	1000	-4.5	20.0
Acenaphthene	Ave	1.105	1.188	0.9000	1080	1000	7.5	20.0
2,4-Dinitrophenol	Qua1		0.1463	0.0100	1820	2000	-9.1	20.0
4-Nitrophenol	Qua1		0.1217	0.0100	2030	2000	1.7	20.0
2,4-Dinitrotoluene	Lin2		0.3633	0.2000	1050	1000	4.5	20.0
Dibenzofuran	Ave	1.474	1.606	0.8000	1090	1000	8.9	20.0
2,3,5,6-Tetrachlorophenol	Qua2		0.3441	0.0100	1100	1000	9.5	20.0
2,3,4,6-Tetrachlorophenol	Qua2		0.3624	0.0100	1070	1000	6.6	20.0
Diethyl phthalate	Ave	1.250	1.440	0.0100	1150	1000	15.3	20.0
Fluorene	Ave	1.171	1.286	0.9000	1100	1000	9.8	20.0
4-Chlorophenyl phenyl ether	Ave	0.5633	0.6023	0.4000	1070	1000	6.9	20.0
4-Nitroaniline	Ave	0.1577	0.1450	0.0100	919	1000	-8.1	20.0
4,6-Dinitro-2-methylphenol	Qua2		0.1253	0.0100	2300	2000	15.1	20.0
N-Nitrosodiphenylamine	Ave	0.4759	0.5122	0.0100	1080	1000	7.6	20.0
Azobenzene	Ave	0.4138	0.4517		1090	1000	9.2	20.0
4-Bromophenyl phenyl ether	Ave	0.2319	0.2417	0.1000	1040	1000	4.3	20.0
Hexachlorobenzene	Lin2		0.3373	0.1000	1020	1000	2.0	20.0
Atrazine	Lin2		0.2521	0.0100	882	1000	-11.8	20.0
Pentachlorophenol	Qua2		0.1868	0.0500	2190	2000	9.6	20.0
n-Octadecane	Ave	0.1632	0.1659		1020	1000	1.7	20.0
Phenanthrene	Ave	1.026	1.103	0.7000	1070	1000	7.5	20.0
Anthracene	Lin2		1.074	0.7000	1080	1000	8.4	20.0
Carbazole	Ave	0.6888	0.7497	0.0100	1090	1000	8.8	20.0
Di-n-butyl phthalate	Lin2		1.394	0.0100	1110	1000	10.7	20.0
Fluoranthene	Ave	1.021	1.156	0.6000	1130	1000	13.2	20.0
Benzidine	Qua2		0.2819	0.0100	2610	2000	30.3*	20.0
Pyrene	Ave	1.052	1.184	0.6000	1130	1000	12.6	20.0
Butyl benzyl phthalate	Ave	0.5843	0.7203	0.0100	1230	1000	23.3*	20.0
3,3'-Dichlorobenzidine	Qua2		0.3941	0.0100	2200	2000	9.8	20.0
Benzo[a]anthracene	Lin2		1.275	0.8000	1120	1000	11.7	20.0
Chrysene	Lin2		1.285	0.7000	1070	1000	6.7	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8192	0.9787	0.0100	1190	1000	19.5	20.0
Di-n-octyl phthalate	Lin2		1.492	0.0100	1080	1000	7.6	20.0
Benzo[b]fluoranthene	Ave	1.114	1.295	0.7000	1160	1000	16.3	20.0
Benzo[k]fluoranthene	Ave	1.190	1.345	0.7000	1130	1000	13.0	20.0
Benzofluoranthene	Ave	1.135	1.298		2290	2000	14.4	20.0
Benzo[a]pyrene	Lin2		1.264	0.7000	1270	1000	26.7*	20.0
Indeno[1,2,3-cd]pyrene	Qua2		1.143	0.5000	1160	1000	15.8	20.0
Dibenz(a,h)anthracene	Lin2		1.194	0.4000	1100	1000	10.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Lab Sample ID: ICV 580-382822/15 Calibration Date: 03/03/2022 21:44

Instrument ID: TAC040 Calib Start Date: 03/03/2022 17:30

GC Column: ZB-SV ID: 0.25(mm) Calib End Date: 03/03/2022 20:58

Lab File ID: 40Scan030322a018.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[g,h,i]perylene	Ave	1.207	1.315	0.5000	1090	1000	9.0	20.0
2-Fluorophenol (Surr)	Ave	0.9432	1.031		1090	1000	9.3	20.0
Phenol-d5 (Surr)	Ave	0.9949	1.068		1070	1000	7.4	20.0
Nitrobenzene-d5 (Surr)	Ave	0.1921	0.2046		1060	1000	6.5	20.0
2-Fluorobiphenyl	Ave	1.277	1.328		1040	1000	4.0	20.0
2,4,6-Tribromophenol (Surr)	Qua1		0.1907	0.0100	1010	1000	1.5	20.0
Terphenyl-d14	Lin2		0.7267		997	1000	-0.3	20.0

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a018.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 03-Mar-2022 21:44:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icv
Operator ID: tl Instrument ID: TAC040
Sublist:

Method: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 08-Mar-2022 14:38:27 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1601

First Level Reviewer: limmere Date: 08-Mar-2022 10:58:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.707	4.707	0.000	86	21257	100.0	100.0	
* 2 Naphthalene-d8	136	5.736	5.736	0.000	96	74231	100.0	100.0	
* 3 Acenaphthene-d10	164	7.172	7.171	0.001	60	39793	100.0	100.0	
* 4 Phenanthrene-d10	188	8.389	8.389	0.000	95	64021	100.0	100.0	
* 5 Chrysene-d12	240	10.595	10.595	0.000	65	51229	100.0	100.0	
* 6 Perylene-d12	264	12.112	12.112	0.000	94	51502	100.0	100.0	
$ 7 2-Fluorophenol	112	3.649	3.649	0.000	80	219147	1000.0	1093.1	
$ 8 Phenol-d5	99	4.413	4.413	0.000	98	227110	1000.0	1073.9	
$ 9 Nitrobenzene-d5	82	5.154	5.154	0.000	80	151848	1000.0	1064.9	
$ 10 2-Fluorobiphenyl	172	6.630	6.630	0.000	99	528538	1000.0	1039.9	
$ 11 2,4,6-Tribromophenol	330	7.819	7.819	0.001	85	122060	1000.0	1014.6	
$ 12 Terphenyl-d14	244	9.713	9.713	0.001	99	465210	1000.0	996.9	
15 N-Nitrosodimethylamine	74	2.526	2.520	0.006	81	70894	1000.0	1083.3	
16 Pyridine	79	2.536	2.536	0.000	95	248582	2000.0	2034.9	
18 Phenol	94	4.425	4.425	0.000	93	211634	1000.0	1051.4	
17 Aniline	93	4.442	4.442	0.000	7	244571	1000.0	1137.0	a
19 Bis(2-chloroethyl)ether	93	4.507	4.507	0.000	92	164167	1000.0	1062.4	
20 2-Chlorophenol	128	4.531	4.530	0.001	54	279494	1000.0	1135.5	
21 n-Decane	57	4.595	4.595	0.000	90	108664	1000.0	1066.5	
22 1,3-Dichlorobenzene	146	4.660	4.660	0.000	93	318247	1000.0	1068.5	
23 1,4-Dichlorobenzene	146	4.719	4.719	0.000	97	326282	1000.0	1087.2	
27 Benzyl alcohol	79	4.825	4.825	0.000	94	109077	1000.0	1058.0	
24 1,2-Dichlorobenzene	146	4.842	4.842	0.000	90	314625	1000.0	1097.2	
28 2-Methylphenol	108	4.913	4.919	-0.006	50	185751	1000.0	1059.6	a
25 2,2'-oxybis[1-chloropropane]	45	4.942	4.942	0.000	51	158894	1000.0	1118.5	
29 Acetophenone	105	5.036	5.036	0.000	94	271176	1000.0	1059.4	
32 3 & 4 Methylphenol	108	5.042	5.042	0.000	92	195337	1000.0	1126.9	a
30 N-Nitrosodi-n-propylamine	70	5.048	5.048	0.000	81	77917	1000.0	1106.5	
31 Hexachloroethane	117	5.113	5.113	0.000	89	134655	1000.0	1077.8	
33 Nitrobenzene	77	5.172	5.172	0.000	74	138368	1000.0	1084.5	
34 Isophorone	82	5.372	5.372	0.000	97	247695	1000.0	1001.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
35 2-Nitrophenol	139	5.431	5.430	0.001	76	140979	1000.0	1115.6	
37 2,4-Dimethylphenol	107	5.472	5.477	-0.005	89	182607	1000.0	993.4	
36 Benzoic acid	105	5.531	5.536	-0.005	17	211290	2000.0	1874.0	a
38 Bis(2-chloroethoxy)methane	93	5.560	5.560	0.000	85	208151	1000.0	1082.9	
39 2,4-Dichlorophenol	162	5.625	5.625	0.000	82	223092	1000.0	1098.6	
40 1,2,4-Trichlorobenzene	180	5.695	5.695	0.000	91	267511	1000.0	1079.5	
41 Naphthalene	128	5.754	5.754	0.000	95	723079	1000.0	1063.2	
43 4-Chloroaniline	127	5.807	5.807	0.000	82	262690	1000.0	998.8	
42 2,6-Dichlorophenol	162	5.807	5.807	0.000	86	228921	1000.0	1122.5	
44 Hexachlorobutadiene	225	5.860	5.866	-0.006	93	163607	1000.0	1119.7	
45 4-Chloro-3-methylphenol	107	6.207	6.207	0.000	82	151422	1000.0	1115.8	
46 2-Methylnaphthalene	142	6.319	6.324	-0.005	84	475021	1000.0	1115.5	
47 1-Methylnaphthalene	142	6.401	6.401	0.000	89	451559	1000.0	1081.1	
48 Hexachlorocyclopentadiene	237	6.454	6.454	0.000	75	174436	1000.0	954.0	
49 1,2,4,5-Tetrachlorobenzene	216	6.454	6.460	-0.006	93	268958	1000.0	1039.5	
50 2,4,6-Trichlorophenol	196	6.554	6.554	0.000	86	159342	1000.0	1027.9	
51 2,4,5-Trichlorophenol	196	6.578	6.577	0.001	91	166812	1000.0	1072.5	
52 1,1'-Biphenyl	154	6.707	6.707	0.000	94	573341	1000.0	1069.9	
53 2-Chloronaphthalene	162	6.719	6.719	0.000	92	477255	1000.0	1072.5	
54 2-Nitroaniline	138	6.807	6.807	0.000	79	145250	1000.0	1038.0	
55 Dimethyl phthalate	163	6.972	6.972	0.000	97	497257	1000.0	1053.8	
56 1,3-Dinitrobenzene	168	6.983	6.983	0.000	86	69692	1000.0	1072.6	
57 2,6-Dinitrotoluene	165	7.013	7.013	0.000	65	116239	1000.0	1052.6	
58 Acenaphthylene	152	7.054	7.054	0.000	92	715337	1000.0	1111.5	
59 3-Nitroaniline	138	7.142	7.142	0.000	78	101800	1000.0	954.5	
60 Acenaphthene	153	7.195	7.201	-0.006	92	472664	1000.0	1075.2	
69 2,4-Dinitrophenol	184	7.230	7.230	0.000	63	116430	2000.0	1818.7	a
63 4-Nitrophenol	109	7.283	7.283	0.000	69	96839	2000.0	2033.3	
62 2,4-Dinitrotoluene	165	7.336	7.336	0.000	66	144577	1000.0	1045.3	
61 Dibenzofuran	168	7.342	7.342	0.000	91	638980	1000.0	1089.3	
64 2,3,5,6-Tetrachlorophenol	232	7.407	7.407	0.000	88	136921	1000.0	1095.1	
65 2,3,4,6-Tetrachlorophenol	232	7.442	7.442	0.000	68	144209	1000.0	1065.9	
66 Diethyl phthalate	149	7.554	7.554	0.000	96	573194	1000.0	1152.8	
67 Fluorene	166	7.625	7.624	0.000	83	511818	1000.0	1098.2	
68 4-Chlorophenyl phenyl ether	204	7.636	7.636	0.000	83	239691	1000.0	1069.4	
70 4-Nitroaniline	138	7.642	7.642	0.000	63	57684	1000.0	919.2	
73 4,6-Dinitro-2-methylphenol	198	7.666	7.666	0.000	87	160457	2000.0	2302.8	
71 N-Nitrosodiphenylamine	169	7.730	7.730	0.000	57	327947	1000.0	1076.4	
72 Azobenzene	77	7.760	7.766	-0.006	93	289210	1000.0	1091.6	
74 4-Bromophenyl phenyl ether	248	8.030	8.036	-0.006	54	154770	1000.0	1042.5	
75 Hexachlorobenzene	284	8.066	8.071	-0.005	89	215940	1000.0	1019.9	
76 Atrazine	200	8.177	8.183	-0.006	92	100326	1000.0	881.5	
77 Pentachlorophenol	266	8.230	8.230	0.000	92	239154	2000.0	2192.2	
78 n-Octadecane	43	8.336	8.342	-0.006	94	106234	1000.0	1016.5	
79 Phenanthrene	178	8.407	8.407	0.000	96	706162	1000.0	1074.7	
80 Anthracene	178	8.448	8.448	0.000	96	687487	1000.0	1084.1	
81 Carbazole	167	8.583	8.589	-0.006	82	479977	1000.0	1088.4	
83 Di-n-butyl phthalate	149	8.901	8.901	0.000	98	892367	1000.0	1106.7	
84 Fluoranthene	202	9.383	9.383	0.000	97	739982	1000.0	1131.8	
85 Benzidine	184	9.507	9.507	0.000	99	360977	2000.0	2606.5	
86 Pyrene	202	9.566	9.565	0.001	97	758099	1000.0	1125.9	
87 Butyl benzyl phthalate	149	10.130	10.130	0.000	88	369021	1000.0	1232.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
91 3,3'-Dichlorobenzidine	252	10.577	10.583	-0.006	67	403796	2000.0	2195.5	
89 Benzo[a]anthracene	228	10.583	10.589	-0.006	99	653016	1000.0	1117.4	
90 Chrysene	228	10.618	10.618	0.000	94	658460	1000.0	1066.9	
92 Bis(2-ethylhexyl) phthalate	149	10.665	10.665	0.000	87	501381	1000.0	1194.7	
93 Di-n-octyl phthalate	149	11.336	11.336	0.000	96	768261	1000.0	1076.1	
94 Benzo[b]fluoranthene	252	11.683	11.689	-0.006	96	667073	1000.0	1162.6	
95 Benzofluoranthene	252	11.712	11.718	-0.006	99	1337201	2000.0	2288.6	a
96 Benzo[k]fluoranthene	252	11.712	11.718	-0.006	97	692848	1000.0	1130.5	
97 Benzo[a]pyrene	252	12.048	12.048	0.000	76	650744	1000.0	1267.0	
98 Indeno[1,2,3-cd]pyrene	276	13.371	13.377	-0.006	97	588810	1000.0	1158.0	
99 Dibenz(a,h)anthracene	278	13.412	13.412	0.000	73	615176	1000.0	1100.6	
100 Benzo[g,h,i]perylene	276	13.683	13.683	0.000	93	677293	1000.0	1089.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

icv_8270_1000_00012 Amount Added: 1.00 Units: mL

Report Date: 08-Mar-2022 14:38:32 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a018.D

Injection Date: 03-Mar-2022 21:44:30 Instrument ID: TAC040

Lims ID: ICV

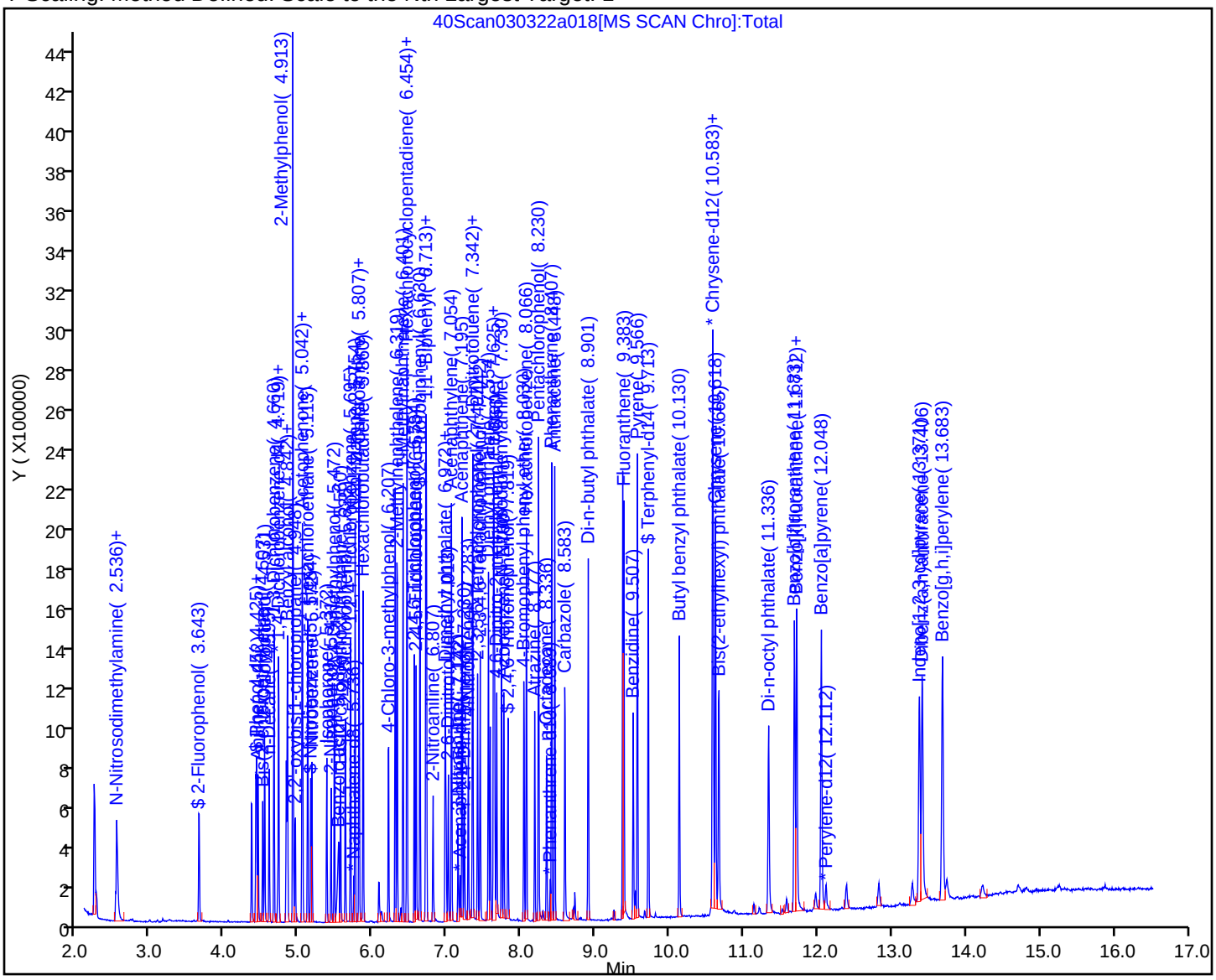
Client ID:

Operator ID: tl ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

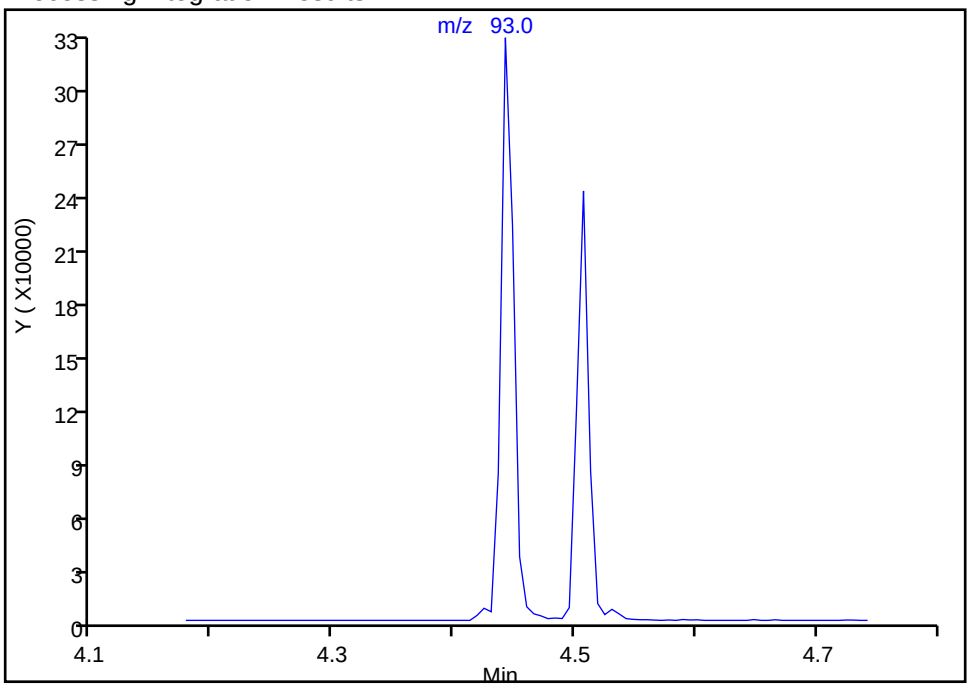
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a018.D
Injection Date: 03-Mar-2022 21:44:30 Instrument ID: TAC040
Lims ID: ICV
Client ID:
Operator ID: tl ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

17 Aniline, CAS: 62-53-3

Signal: 1

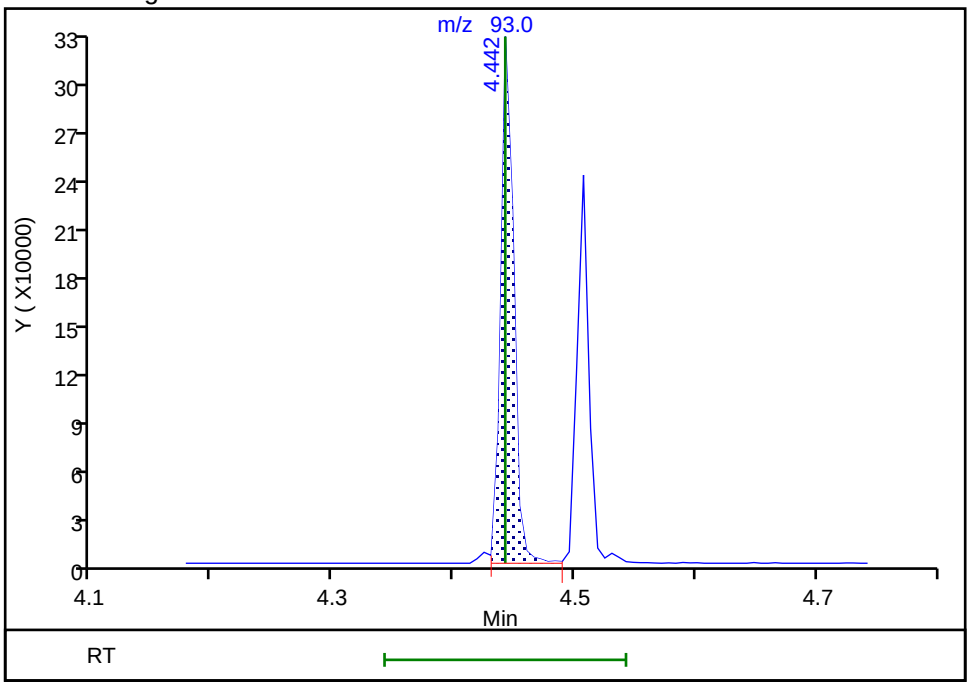
Not Detected
Expected RT: 4.44

Processing Integration Results



Manual Integration Results

RT: 4.44
Area: 244571
Amount: 1136.9721
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:58:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

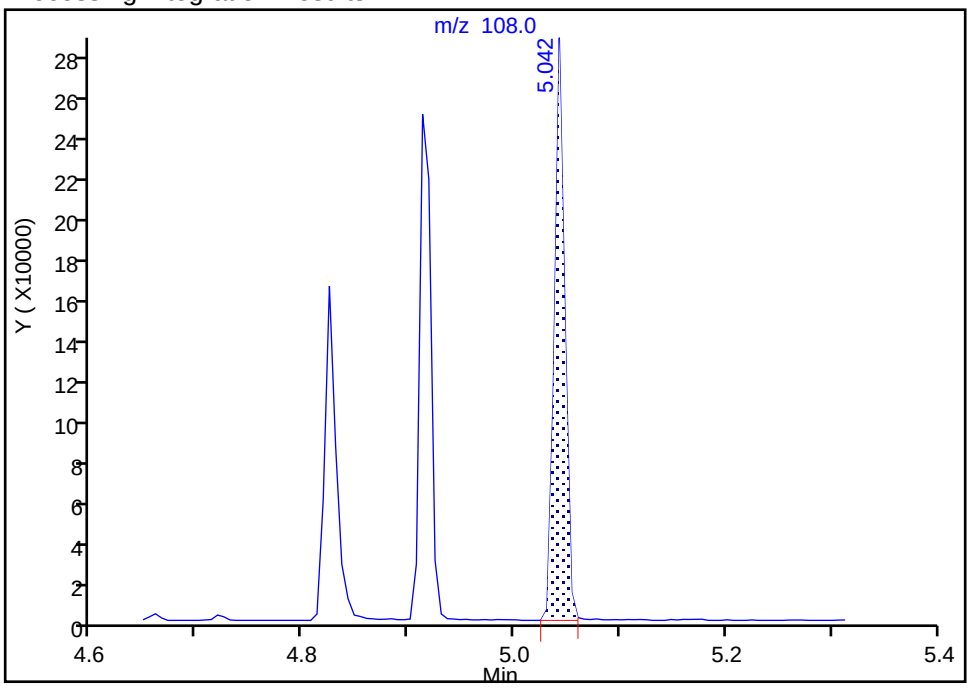
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a018.D
Injection Date: 03-Mar-2022 21:44:30 Instrument ID: TAC040
Lims ID: ICV
Client ID:
Operator ID: tl ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

28 2-Methylphenol, CAS: 95-48-7

Signal: 1

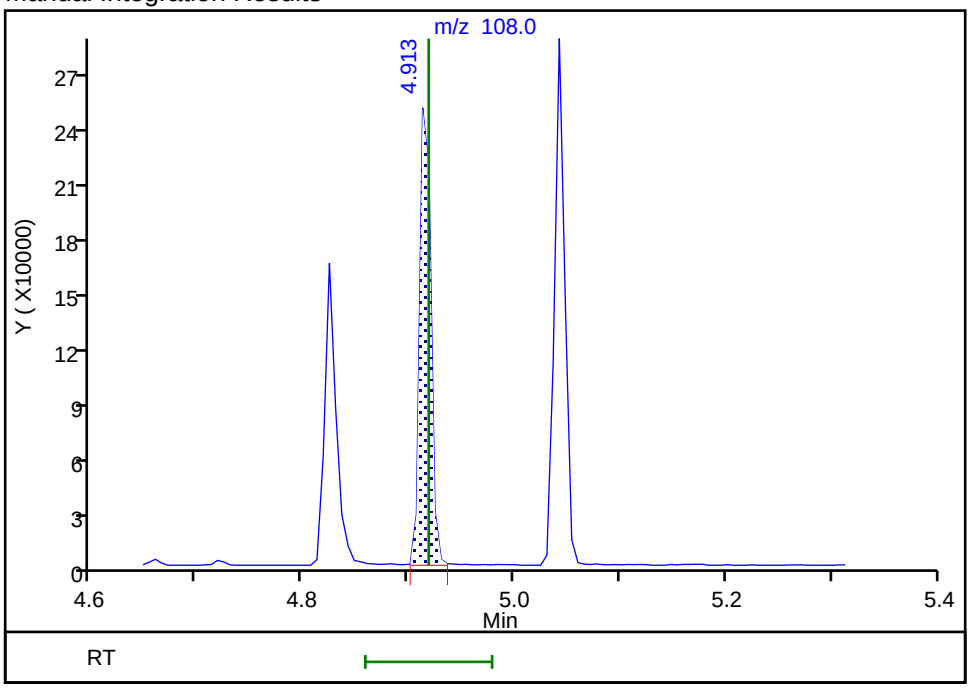
Processing Integration Results

RT: 5.04
Area: 195337
Amount: 1119.5737
Amount Units: ug/L



Manual Integration Results

RT: 4.91
Area: 185751
Amount: 1059.6265
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:58:30
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

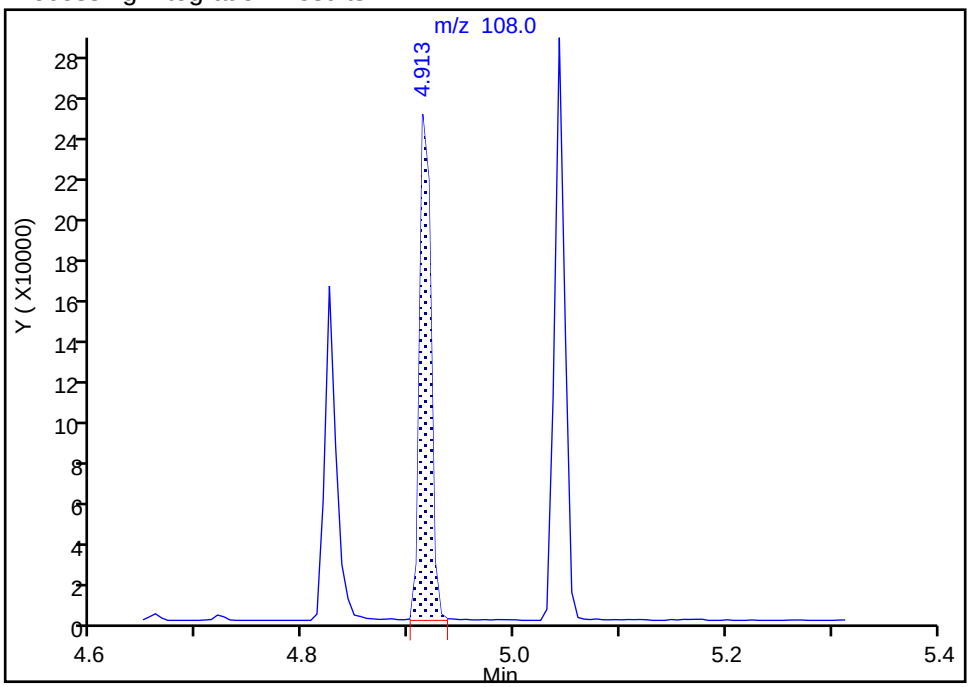
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a018.D
Injection Date: 03-Mar-2022 21:44:30 Instrument ID: TAC040
Lims ID: ICV
Client ID:
Operator ID: tl ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

32 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

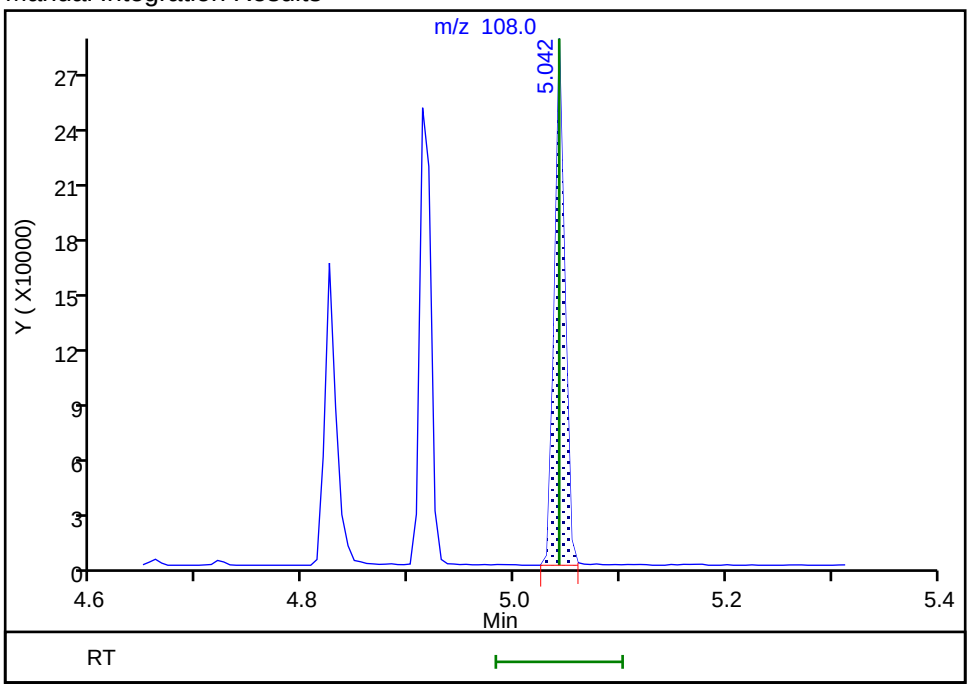
Processing Integration Results

RT: 4.91
Area: 185751
Amount: 1071.6108
Amount Units: ug/L



Manual Integration Results

RT: 5.04
Area: 195337
Amount: 1126.9131
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 13:58:35
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

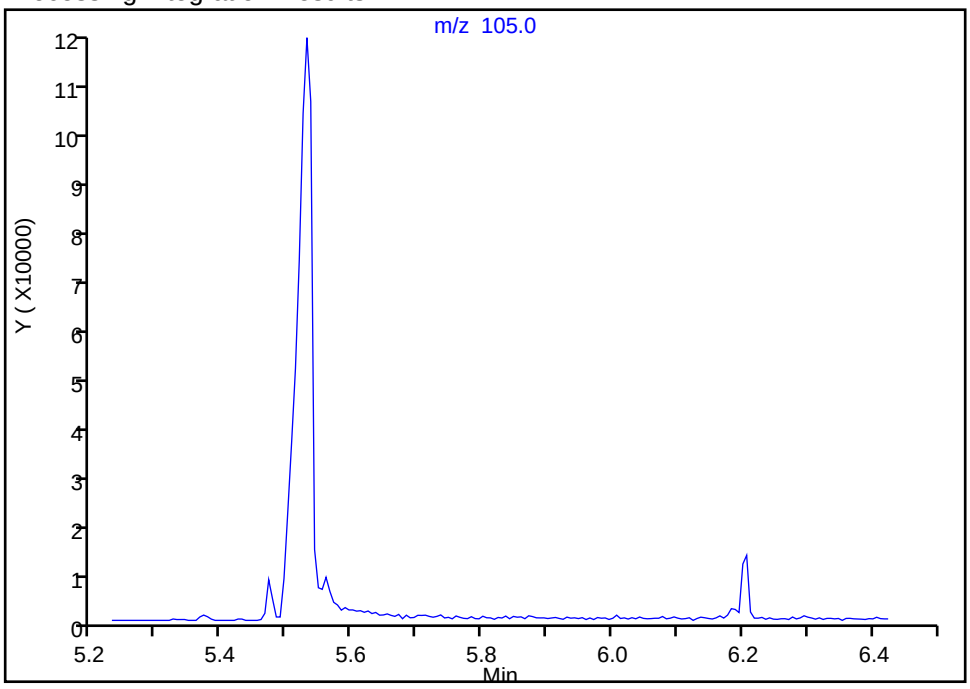
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a018.D
Injection Date: 03-Mar-2022 21:44:30 Instrument ID: TAC040
Lims ID: ICV
Client ID:
Operator ID: tl ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

36 Benzoic acid, CAS: 65-85-0

Signal: 1

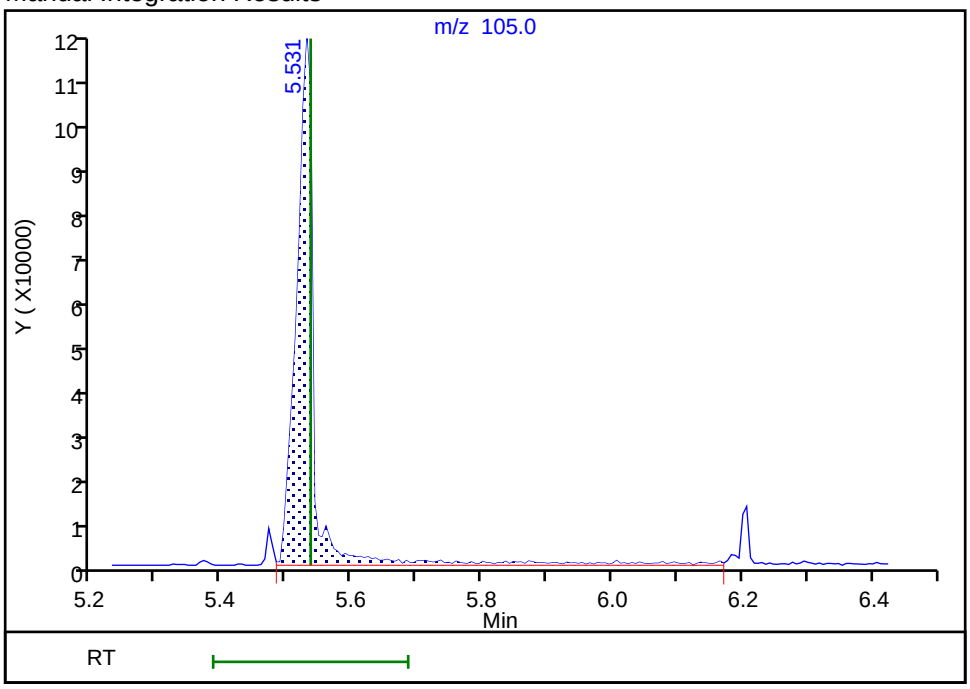
Not Detected
Expected RT: 5.54

Processing Integration Results



Manual Integration Results

RT: 5.53
Area: 211290
Amount: 1873.9692
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:58:04
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

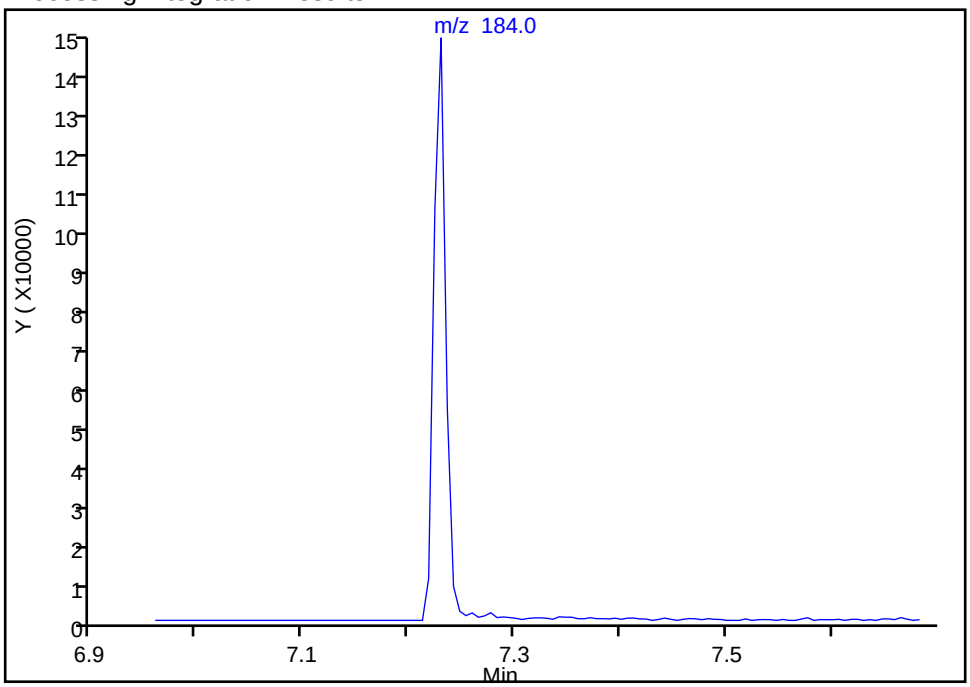
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a018.D
Injection Date: 03-Mar-2022 21:44:30 Instrument ID: TAC040
Lims ID: ICV
Client ID:
Operator ID: tl ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

69 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

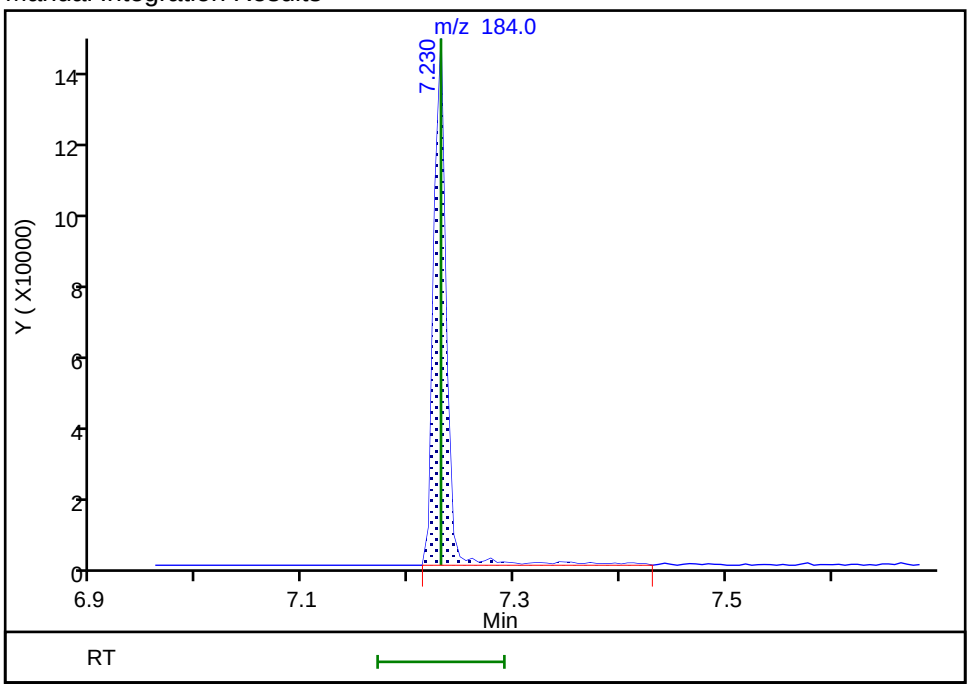
Not Detected
Expected RT: 7.23

Processing Integration Results



Manual Integration Results

RT: 7.23
Area: 116430
Amount: 1818.6774
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:58:00
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

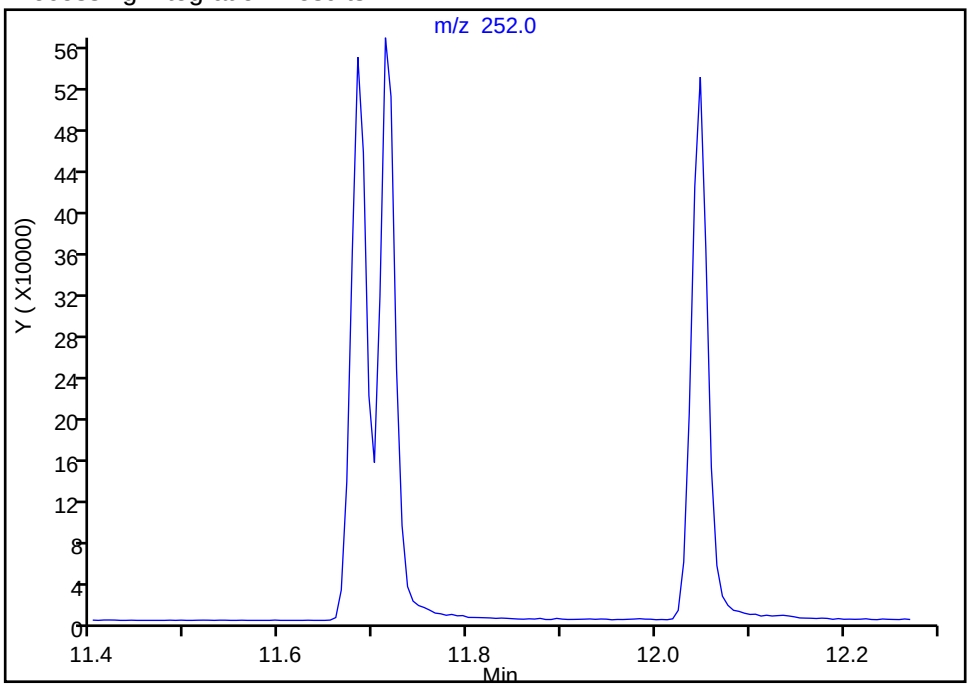
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a018.D
Injection Date: 03-Mar-2022 21:44:30 Instrument ID: TAC040
Lims ID: ICV
Client ID:
Operator ID: tl ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

95 Benzofluoranthene, CAS: 56832-73-6

Signal: 1

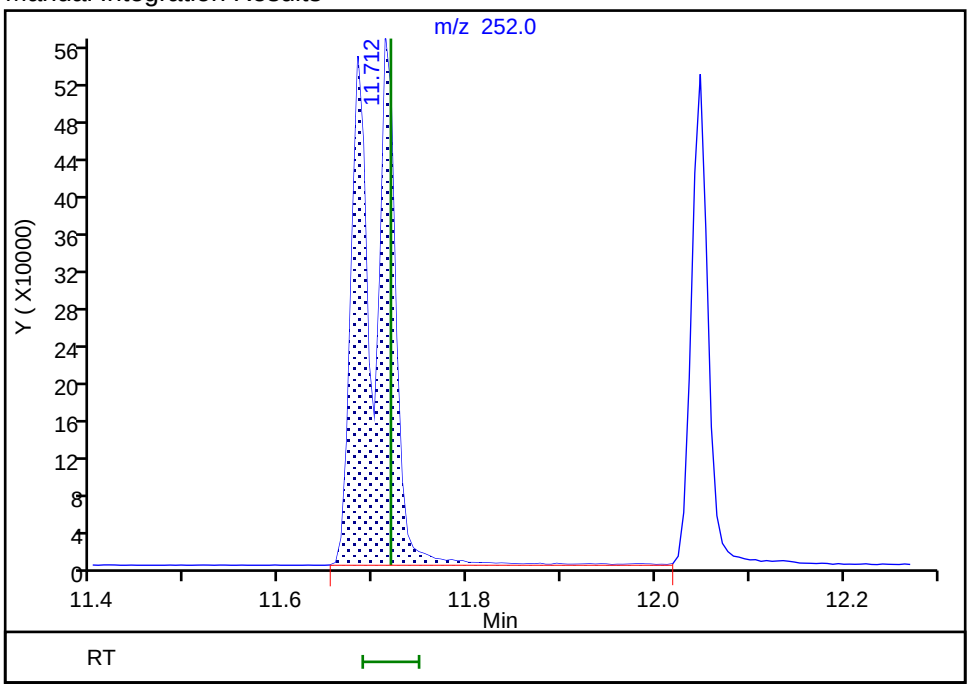
Not Detected
Expected RT: 11.72

Processing Integration Results



Manual Integration Results

RT: 11.71
Area: 1337201
Amount: 2288.5902
Amount Units: ug/L



Reviewer: limmere, 08-Mar-2022 10:57:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Lab Sample ID: CCVIS 580-383728/3 | Calibration Date: 03/14/2022 12:50

Instrument ID: TAC040 | Calib Start Date: 03/03/2022 17:30

GC Column: ZB-SV ID: 0.25(mm) | Calib End Date: 03/03/2022 20:58

Lab File ID: 40Scan031422a006.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.3079	0.3253	0.0100	1060	1000	5.7	20.0
Pyridine	Ave	0.5747	0.6193	0.0100	2160	2000	7.8	20.0
Phenol	Ave	0.9469	1.021	0.8000	1080	1000	7.9	20.0
Aniline	Qua2		1.046	0.0100	1040	1000	3.5	20.0
Bis(2-chloroethyl)ether	Ave	0.7270	0.7544	0.7000	1040	1000	3.8	20.0
2-Chlorophenol	Ave	1.158	1.243	0.8000	1070	1000	7.3	20.0
n-Decane	Lin1		0.4819		1010	1000	0.5	20.0
1,3-Dichlorobenzene	Lin1		1.499	0.0100	1070	1000	6.9	20.0
1,4-Dichlorobenzene	Lin1		1.488	0.0100	1050	1000	5.4	20.0
Benzyl alcohol	Ave	0.4850	0.3732	0.0100	770	1000	-23.0*	20.0
1,2-Dichlorobenzene	Lin1		1.465	0.0100	1090	1000	8.6	20.0
o-Cresol	Ave	0.8247	0.8366	0.7000	1010	1000	1.5	20.0
bis (2-chloroisopropyl) ether	Lin1		0.6598	0.0100	987	1000	-1.3	20.0
Acetophenone	Ave	1.204	1.196	0.0100	993	1000	-0.7	20.0
N-Nitrosodi-n-propylamine	Ave	0.3313	0.3446*	0.5000	1040	1000	4.0	20.0
m+p-Cresol	Ave	0.8154	0.8663	0.6000	1060	1000	6.2	20.0
Hexachloroethane	Lin1		0.6274	0.3000	1070	1000	6.7	20.0
Nitrobenzene	Ave	0.6002	0.5957	0.2000	992	1000	-0.8	20.0
Isophorone	Lin1		1.121	0.4000	964	1000	-3.6	20.0
2-Nitrophenol	Ave	0.5945	0.6526	0.1000	1100	1000	9.8	20.0
2,4-Dimethylphenol	Lin2		0.2487	0.2000	1000	1000	0.4	20.0
Benzoic acid	Qua2		0.4734	0.0100	1790	2000	-10.3	20.0
Bis(2-chloroethoxy)methane	Ave	0.9042	0.9168	0.3000	1010	1000	1.4	20.0
2,4-Dichlorophenol	Lin2		0.2923	0.2000	1070	1000	6.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3338	0.3554	0.0100	1060	1000	6.5	20.0
Naphthalene	Ave	0.9162	0.9692	0.7000	1060	1000	5.8	20.0
2,6-Dichlorophenol	Ave	0.5125	0.5419	0.0100	1060	1000	5.7	20.0
4-Chloroaniline	Lin2		0.3330	0.0100	941	1000	-5.9	20.0
Hexachlorobutadiene	Lin2		0.2085	0.0100	1060	1000	5.9	20.0
4-Chloro-3-methylphenol	Ave	0.3410	0.3529	0.2000	1030	1000	3.5	20.0
2-Methylnaphthalene	Ave	0.5737	0.6297	0.4000	1100	1000	9.8	20.0
1-Methylnaphthalene	Ave	0.5627	0.5964	0.0100	1060	1000	6.0	20.0
Hexachlorocyclopentadiene	Qua1		0.4474	0.0500	973	1000	-2.7	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6502	0.6579		1010	1000	1.2	20.0
2,4,6-Trichlorophenol	Lin2		0.3753	0.2000	964	1000	-3.6	20.0
2,4,5-Trichlorophenol	Qua2		0.4131	0.2000	1060	1000	5.7	20.0
1,1'-Biphenyl	Ave	1.347	1.367	0.0100	1020	1000	1.5	20.0
2-Chloronaphthalene	Ave	1.118	1.185	0.8000	1060	1000	5.9	20.0
2-Nitroaniline	Lin2		0.3567	0.0100	1010	1000	1.5	20.0
Dimethyl phthalate	Lin2		1.203	0.0100	1010	1000	1.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Lab Sample ID: CCVIS 580-383728/3 | Calibration Date: 03/14/2022 12:50

Instrument ID: TAC040 | Calib Start Date: 03/03/2022 17:30

GC Column: ZB-SV ID: 0.25(mm) | Calib End Date: 03/03/2022 20:58

Lab File ID: 40Scan031422a006.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,6-Dinitrotoluene	Lin2		0.2793	0.2000	1010	1000	0.7	20.0
Acenaphthylene	Ave	1.617	1.728	0.9000	1070	1000	6.8	20.0
3-Nitroaniline	Lin2		0.2368	0.0100	887	1000	-11.3	20.0
Acenaphthene	Ave	1.105	1.131	0.9000	1020	1000	2.3	20.0
2,4-Dinitrophenol	Qua1		0.1513	0.0100	1870	2000	-6.3	20.0
4-Nitrophenol	Qua1		0.1162	0.0100	1950	2000	-2.6	20.0
2,4-Dinitrotoluene	Lin2		0.3586	0.2000	1030	1000	3.2	20.0
Dibenzofuran	Ave	1.474	1.574	0.8000	1070	1000	6.8	20.0
2,3,5,6-Tetrachlorophenol	Qua2		0.3091	0.0100	988	1000	-1.2	20.0
2,3,4,6-Tetrachlorophenol	Qua2		0.3590	0.0100	1060	1000	5.6	20.0
Diethyl phthalate	Ave	1.250	1.386	0.0100	1110	1000	10.9	20.0
Fluorene	Ave	1.171	1.244	0.9000	1060	1000	6.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.5633	0.5750	0.4000	1020	1000	2.1	20.0
4-Nitroaniline	Ave	0.1577	0.2083	0.0100	1320	1000	32.1*	20.0
4,6-Dinitro-2-methylphenol	Qua2		0.1178	0.0100	2170	2000	8.7	20.0
N-Nitrosodiphenylamine	Ave	0.4759	0.5051	0.0100	1060	1000	6.1	20.0
Azobenzene	Ave	0.4138	0.4268		1030	1000	3.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2319	0.2287	0.1000	986	1000	-1.4	20.0
Hexachlorobenzene	Lin2		0.3298	0.1000	997	1000	-0.3	20.0
Atrazine	Lin2		0.2788	0.0100	975	1000	-2.5	20.0
Pentachlorophenol	Qua2		0.1607	0.0500	1900	2000	-4.8	20.0
n-Octadecane	Ave	0.1632	0.1604		983	1000	-1.7	20.0
Phenanthrene	Ave	1.026	1.085	0.7000	1060	1000	5.7	20.0
Anthracene	Lin2		1.051	0.7000	1060	1000	6.1	20.0
Carbazole	Ave	0.6888	0.8753	0.0100	1270	1000	27.1*	20.0
Di-n-butyl phthalate	Lin2		1.354	0.0100	1080	1000	7.5	20.0
Fluoranthene	Ave	1.021	1.119	0.6000	1100	1000	9.5	20.0
Benzidine	Qua2		0.1961	0.0100	1880	2000	-6.2	20.0
Pyrene	Ave	1.052	1.170	0.6000	1110	1000	11.2	20.0
Butyl benzyl phthalate	Ave	0.5843	0.7159	0.0100	1230	1000	22.5*	20.0
3,3'-Dichlorobenzidine	Qua2		0.4312	0.0100	2400	2000	19.8	20.0
Benzo[a]anthracene	Lin2		1.219	0.8000	1070	1000	6.9	20.0
Chrysene	Lin2		1.355	0.7000	1120	1000	12.5	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8192	0.9894	0.0100	1210	1000	20.8*	20.0
Di-n-octyl phthalate	Lin2		1.481	0.0100	1070	1000	6.9	20.0
Benzo[b]fluoranthene	Ave	1.114	1.118	0.7000	1000	1000	0.4	20.0
Benzo[k]fluoranthene	Ave	1.190	1.441	0.7000	1210	1000	21.1*	20.0
Benzofluoranthene	Ave	1.135	1.268		2240	2000	11.8	20.0
Benzo[a]pyrene	Lin2		1.094	0.7000	1100	1000	9.8	20.0
Indeno[1,2,3-cd]pyrene	Qua2		0.9851	0.5000	1000	1000	0.2	20.0
Dibenz(a,h)anthracene	Lin2		1.126	0.4000	1040	1000	3.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Lab Sample ID: CCVIS 580-383728/3 Calibration Date: 03/14/2022 12:50

Instrument ID: TAC040 Calib Start Date: 03/03/2022 17:30

GC Column: ZB-SV ID: 0.25(mm) Calib End Date: 03/03/2022 20:58

Lab File ID: 40Scan031422a006.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[g,h,i]perylene	Ave	1.207	1.301	0.5000	1080	1000	7.8	20.0
2-Fluorophenol (Surr)	Ave	0.9432	1.019		1080	1000	8.0	20.0
Phenol-d5 (Surr)	Ave	0.9949	1.006		1010	1000	1.1	20.0
Nitrobenzene-d5 (Surr)	Ave	0.1921	0.2015		1050	1000	4.9	20.0
2-Fluorobiphenyl	Ave	1.277	1.290		1010	1000	1.0	20.0
2,4,6-Tribromophenol (Surr)	Qua1		0.1795	0.0100	957	1000	-4.3	20.0
Terphenyl-d14	Lin2		0.6873		943	1000	-5.7	20.0

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a006.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 14-Mar-2022 12:50:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccvis
Operator ID: tl Instrument ID: TAC040
Sublist: chrom-8270TAC040*sub20

Method: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 15-Mar-2022 09:48:03 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: thaneeratw Date: 15-Mar-2022 09:48:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.701	4.701	0.000	88	25466	100.0	100.0	
* 2 Naphthalene-d8	136	5.731	5.731	0.000	96	87516	100.0	100.0	
* 3 Acenaphthene-d10	164	7.166	7.166	0.000	55	46977	100.0	100.0	
* 4 Phenanthrene-d10	188	8.383	8.383	0.000	95	75297	100.0	100.0	
* 5 Chrysene-d12	240	10.589	10.589	0.000	63	57300	100.0	100.0	
* 6 Perylene-d12	264	12.107	12.107	0.000	95	55878	100.0	100.0	
$ 7 2-Fluorophenol	112	3.654	3.654	0.000	80	259403	1000.0	1080.0	
$ 8 Phenol-d5	99	4.431	4.431	0.000	98	256065	1000.0	1010.7	
$ 9 Nitrobenzene-d5	82	5.154	5.154	0.000	77	176367	1000.0	1049.1	
$ 10 2-Fluorobiphenyl	172	6.625	6.625	0.000	98	605883	1000.0	1009.7	
$ 11 2,4,6-Tribromophenol	330	7.819	7.819	0.000	84	135130	1000.0	956.9	
$ 12 Terphenyl-d14	244	9.707	9.707	0.000	99	517522	1000.0	943.3	
15 N-Nitrosodimethylamine	74	2.515	2.515	0.000	85	82841	1000.0	1056.6	
16 Pyridine	79	2.531	2.531	0.000	95	315405	2000.0	2155.2	
18 Phenol	94	4.436	4.436	0.000	99	260092	1000.0	1078.6	
17 Aniline	93	4.442	4.442	0.000	90	266256	1000.0	1035.4	
19 Bis(2-chloroethyl)ether	93	4.501	4.501	0.000	94	192110	1000.0	1037.7	
20 2-Chlorophenol	128	4.536	4.536	0.000	82	316537	1000.0	1073.4	
21 n-Decane	57	4.589	4.589	0.000	90	122711	1000.0	1005.2	
22 1,3-Dichlorobenzene	146	4.654	4.654	0.000	94	381625	1000.0	1069.5	
23 1,4-Dichlorobenzene	146	4.719	4.719	0.000	97	379004	1000.0	1054.1	
27 Benzyl alcohol	79	4.825	4.825	0.000	92	95041	1000.0	769.5	
24 1,2-Dichlorobenzene	146	4.836	4.836	0.000	96	373054	1000.0	1085.9	
28 2-Methylphenol	108	4.925	4.925	0.000	77	213061	1000.0	1014.5	
25 2,2'-oxybis[1-chloropropane]	45	4.936	4.936	0.000	75	168033	1000.0	987.1	
29 Acetophenone	105	5.036	5.036	0.000	88	304579	1000.0	993.2	
30 N-Nitrosodi-n-propylamine	70	5.042	5.042	0.000	84	87757	1000.0	1040.2	
32 3 & 4 Methylphenol	108	5.054	5.054	0.000	93	220624	1000.0	1062.4	
31 Hexachloroethane	117	5.107	5.107	0.000	90	159761	1000.0	1067.4	
33 Nitrobenzene	77	5.166	5.166	0.000	79	151689	1000.0	992.4	
34 Isophorone	82	5.366	5.366	0.000	97	285462	1000.0	963.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
35 2-Nitrophenol	139	5.425	5.425	0.000	77	166180	1000.0	1097.6	
36 Benzoic acid	105	5.542	5.542	0.000	74	241136	2000.0	1794.6	a
37 2,4-Dimethylphenol	107	5.478	5.478	0.000	88	217688	1000.0	1004.5	
38 Bis(2-chloroethoxy)methane	93	5.554	5.554	0.000	86	233476	1000.0	1013.9	
39 2,4-Dichlorophenol	162	5.631	5.631	0.000	83	255840	1000.0	1068.7	
40 1,2,4-Trichlorobenzene	180	5.689	5.689	0.000	91	311064	1000.0	1064.7	
41 Naphthalene	128	5.748	5.748	0.000	95	848167	1000.0	1057.8	
42 2,6-Dichlorophenol	162	5.807	5.807	0.000	90	254587	1000.0	1057.5	
43 4-Chloroaniline	127	5.807	5.807	0.000	75	291444	1000.0	941.4	
44 Hexachlorobutadiene	225	5.860	5.860	0.000	92	182437	1000.0	1059.0	
45 4-Chloro-3-methylphenol	107	6.219	6.219	0.000	83	165767	1000.0	1034.7	
46 2-Methylnaphthalene	142	6.319	6.319	0.000	83	551132	1000.0	1097.8	
47 1-Methylnaphthalene	142	6.395	6.395	0.000	89	521942	1000.0	1059.9	
48 Hexachlorocyclopentadiene	237	6.448	6.448	0.000	83	210188	1000.0	973.4	
49 1,2,4,5-Tetrachlorobenzene	216	6.454	6.454	0.000	94	309041	1000.0	1011.7	
50 2,4,6-Trichlorophenol	196	6.554	6.554	0.000	84	176312	1000.0	963.9	
51 2,4,5-Trichlorophenol	196	6.589	6.589	0.000	94	194043	1000.0	1057.3	
52 1,1'-Biphenyl	154	6.701	6.701	0.000	94	642331	1000.0	1015.3	
53 2-Chloronaphthalene	162	6.713	6.713	0.000	93	556514	1000.0	1059.3	
54 2-Nitroaniline	138	6.807	6.807	0.000	86	167576	1000.0	1014.7	
55 Dimethyl phthalate	163	6.966	6.966	0.000	98	564987	1000.0	1014.2	
56 1,3-Dinitrobenzene	168	6.983	6.983	0.000	84	80201	1000.0	1032.2	
57 2,6-Dinitrotoluene	165	7.007	7.007	0.000	65	131202	1000.0	1007.3	
58 Acenaphthylene	152	7.054	7.054	0.000	93	811678	1000.0	1068.4	
59 3-Nitroaniline	138	7.148	7.148	0.000	75	111223	1000.0	886.8	
60 Acenaphthene	153	7.195	7.195	0.000	93	531103	1000.0	1023.4	
69 2,4-Dinitrophenol	184	7.230	7.230	0.000	75	142172	2000.0	1873.8	a
63 4-Nitrophenol	109	7.313	7.313	0.000	67	109181	2000.0	1947.3	
62 2,4-Dinitrotoluene	165	7.336	7.336	0.000	54	168440	1000.0	1031.9	
61 Dibenzofuran	168	7.336	7.336	0.000	91	739651	1000.0	1068.1	
64 2,3,5,6-Tetrachlorophenol	232	7.407	7.407	0.000	88	145220	1000.0	988.2	
65 2,3,4,6-Tetrachlorophenol	232	7.442	7.442	0.000	67	168632	1000.0	1056.2	
66 Diethyl phthalate	149	7.548	7.548	0.000	96	651183	1000.0	1109.3	
67 Fluorene	166	7.619	7.619	0.000	82	584529	1000.0	1062.4	
68 4-Chlorophenyl phenyl ether	204	7.630	7.630	0.000	84	270129	1000.0	1020.9	
70 4-Nitroaniline	138	7.642	7.642	0.000	38	97861	1000.0	1321.0	
73 4,6-Dinitro-2-methylphenol	198	7.666	7.666	0.000	87	177473	2000.0	2174.4	
71 N-Nitrosodiphenylamine	169	7.725	7.725	0.000	59	380346	1000.0	1061.5	
72 Azobenzene	77	7.760	7.760	0.000	81	321395	1000.0	1031.4	
74 4-Bromophenyl phenyl ether	248	8.030	8.030	0.000	50	172196	1000.0	986.2	
75 Hexachlorobenzene	284	8.066	8.066	0.000	89	248301	1000.0	997.1	
76 Atrazine	200	8.177	8.177	0.000	91	130995	1000.0	974.6	
77 Pentachlorophenol	266	8.230	8.230	0.000	90	241953	2000.0	1904.0	
78 n-Octadecane	43	8.330	8.330	0.000	95	120786	1000.0	982.7	
79 Phenanthrene	178	8.401	8.401	0.000	96	816631	1000.0	1056.7	
80 Anthracene	178	8.442	8.442	0.000	96	791014	1000.0	1060.5	
81 Carbazole	167	8.583	8.583	0.000	82	659094	1000.0	1270.7	
83 Di-n-butyl phthalate	149	8.895	8.895	0.000	98	1019884	1000.0	1075.5	
84 Fluoranthene	202	9.377	9.377	0.000	96	842239	1000.0	1095.2	
85 Benzidine	184	9.507	9.507	0.000	98	295278	2000.0	1875.1	
86 Pyrene	202	9.560	9.560	0.000	97	880954	1000.0	1112.4	
87 Butyl benzyl phthalate	149	10.124	10.124	0.000	87	410215	1000.0	1225.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
89 Benzo[a]anthracene	228	10.577	10.577	0.000	99	698760	1000.0	1069.0	
91 3,3'-Dichlorobenzidine	252	10.577	10.577	0.000	62	494199	2000.0	2396.0	
90 Chrysene	228	10.613	10.613	0.000	93	776305	1000.0	1124.6	
92 Bis(2-ethylhexyl) phthalate	149	10.648	10.648	0.000	74	566941	1000.0	1207.8	
93 Di-n-octyl phthalate	149	11.318	11.318	0.000	96	827691	1000.0	1068.7	
94 Benzo[b]fluoranthene	252	11.677	11.677	0.000	96	624711	1000.0	1003.5	
95 Benzofluoranthene	252	11.707	11.707	0.000	99	1416924	2000.0	2235.1	a
96 Benzo[k]fluoranthene	252	11.707	11.707	0.000	94	805056	1000.0	1210.7	
97 Benzo[a]pyrene	252	12.042	12.042	0.000	76	611536	1000.0	1097.8	
98 Indeno[1,2,3-cd]pyrene	276	13.365	13.365	0.000	96	550474	1000.0	1002.3	
99 Dibenz(a,h)anthracene	278	13.401	13.401	0.000	60	629299	1000.0	1037.9	
100 Benzo[g,h,i]perylene	276	13.677	13.677	0.000	90	727156	1000.0	1078.5	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ccv_8270_1000_00057 Amount Added: 1.00 Units: mL

Report Date: 15-Mar-2022 09:48:04 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a006.D

Injection Date: 14-Mar-2022 12:50:30 Instrument ID: TAC040

Lims ID: ccvis

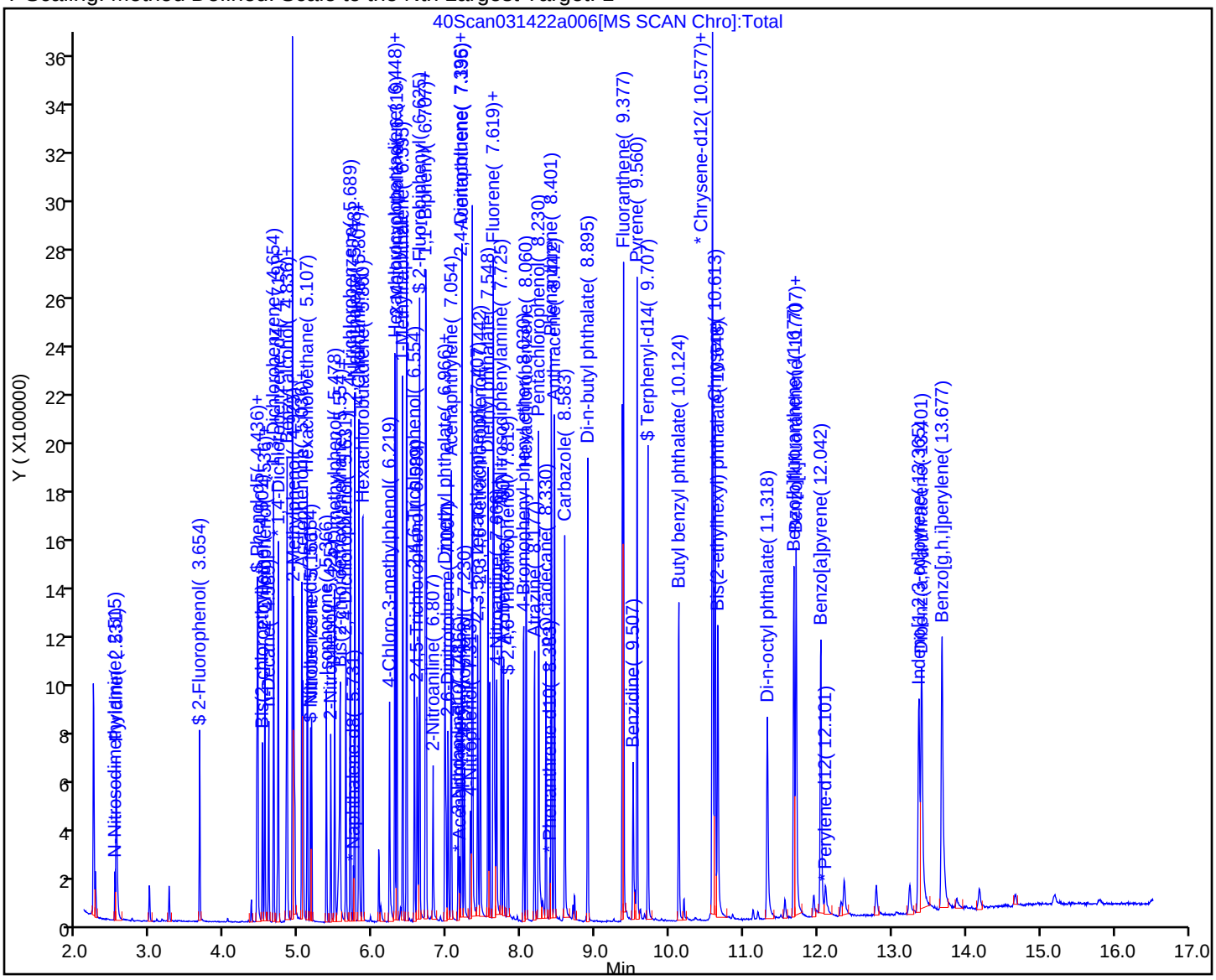
Client ID:

Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

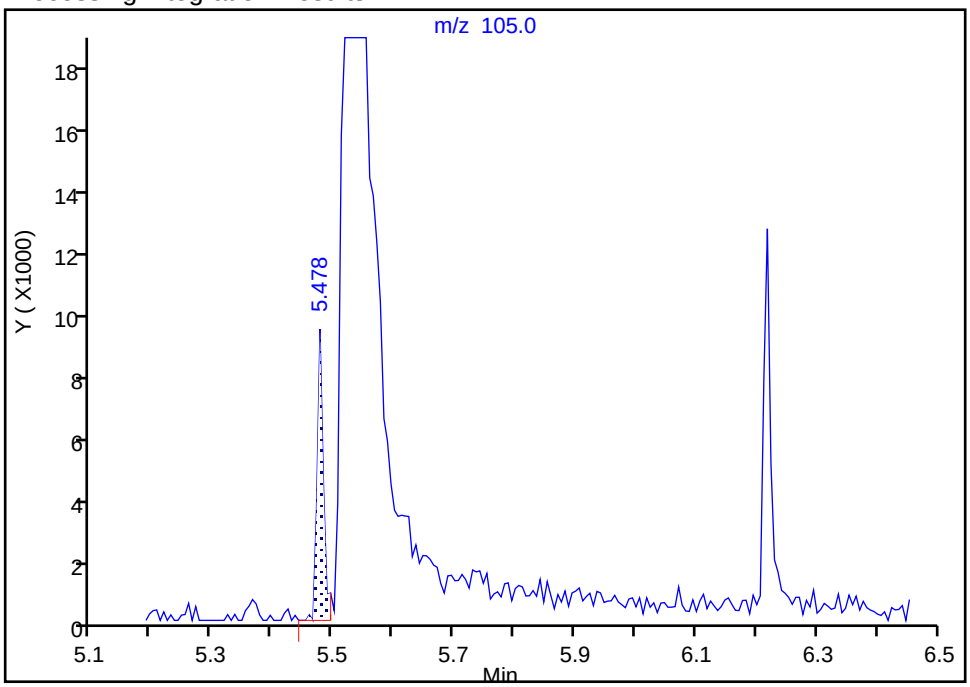
Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a006.D
Injection Date: 14-Mar-2022 12:50:30 Instrument ID: TAC040
Lims ID: ccvis
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

36 Benzoic acid, CAS: 65-85-0

Signal: 1

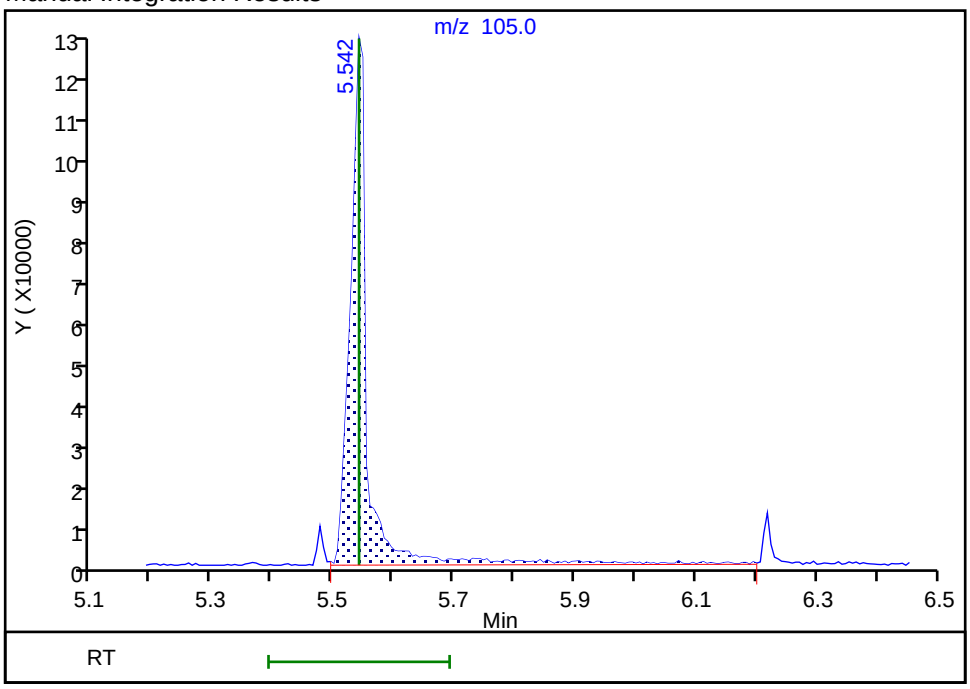
Processing Integration Results

RT: 5.48
Area: 6547
Amount: 183.6130
Amount Units: ug/L



Manual Integration Results

RT: 5.54
Area: 241136
Amount: 1794.5846
Amount Units: ug/L



Reviewer: thaneeratw, 15-Mar-2022 09:46:49
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

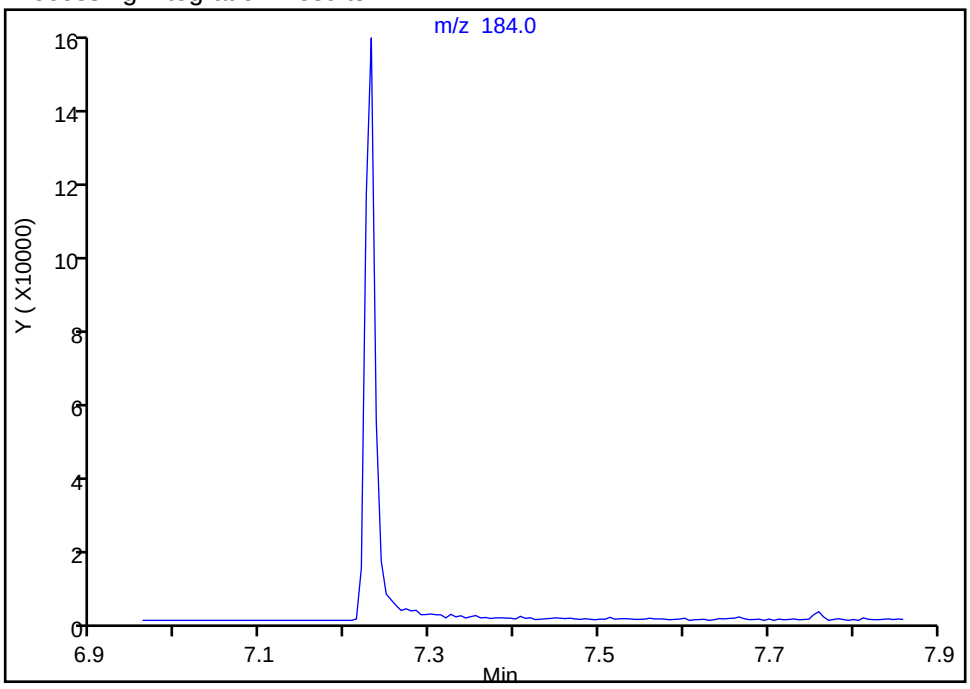
Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a006.D
Injection Date: 14-Mar-2022 12:50:30 Instrument ID: TAC040
Lims ID: ccvis
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

69 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

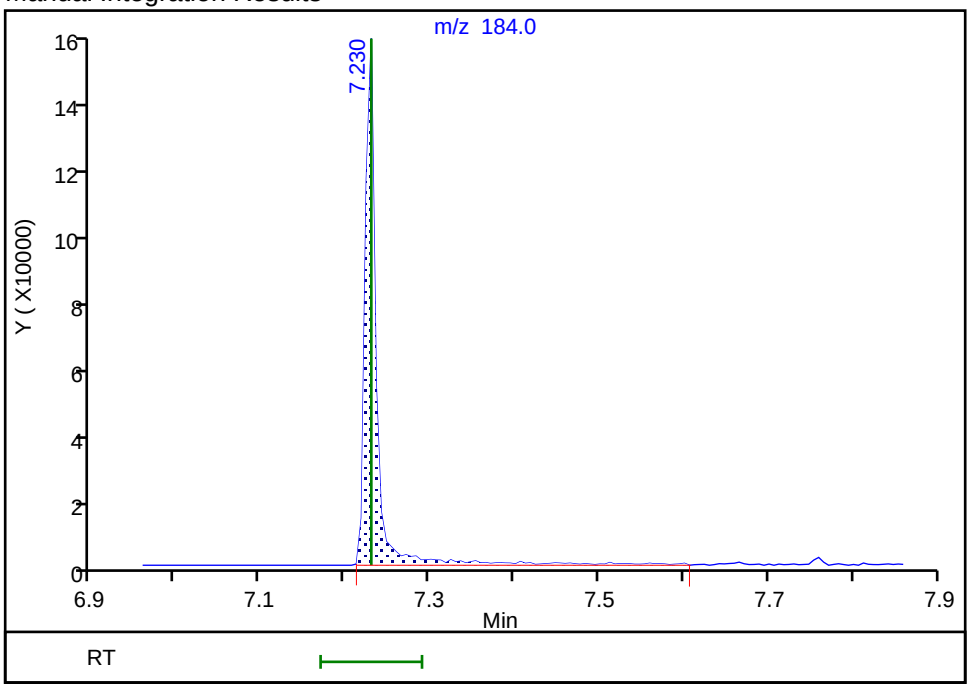
Not Detected
Expected RT: 7.23

Processing Integration Results



Manual Integration Results

RT: 7.23
Area: 142172
Amount: 1873.8198
Amount Units: ug/L



Reviewer: thaneeratw, 15-Mar-2022 09:47:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

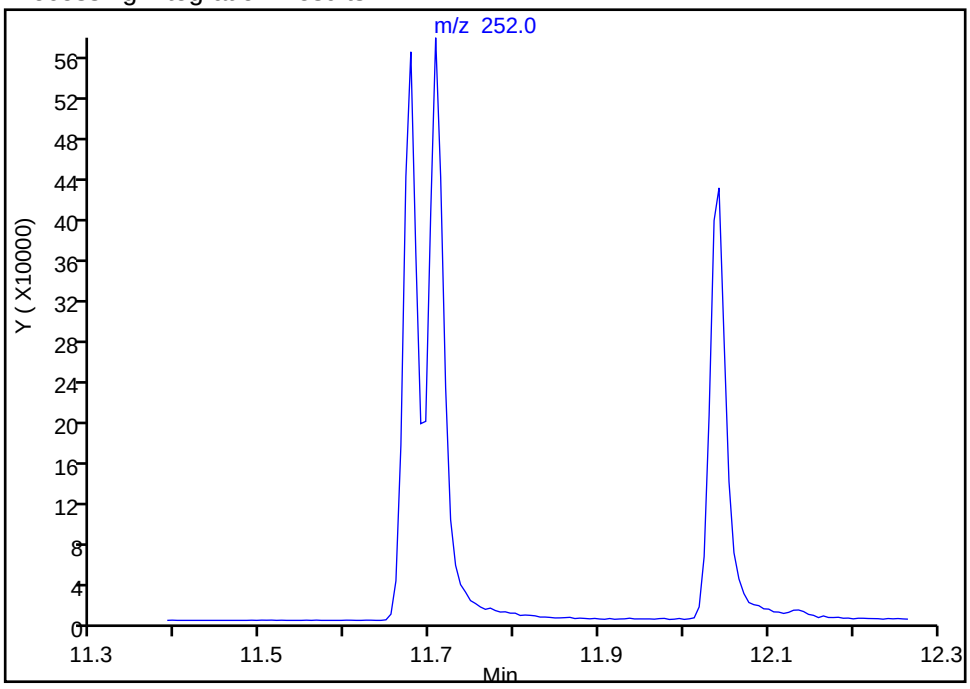
Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a006.D
Injection Date: 14-Mar-2022 12:50:30 Instrument ID: TAC040
Lims ID: ccvis
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

95 Benzofluoranthene, CAS: 56832-73-6

Signal: 1

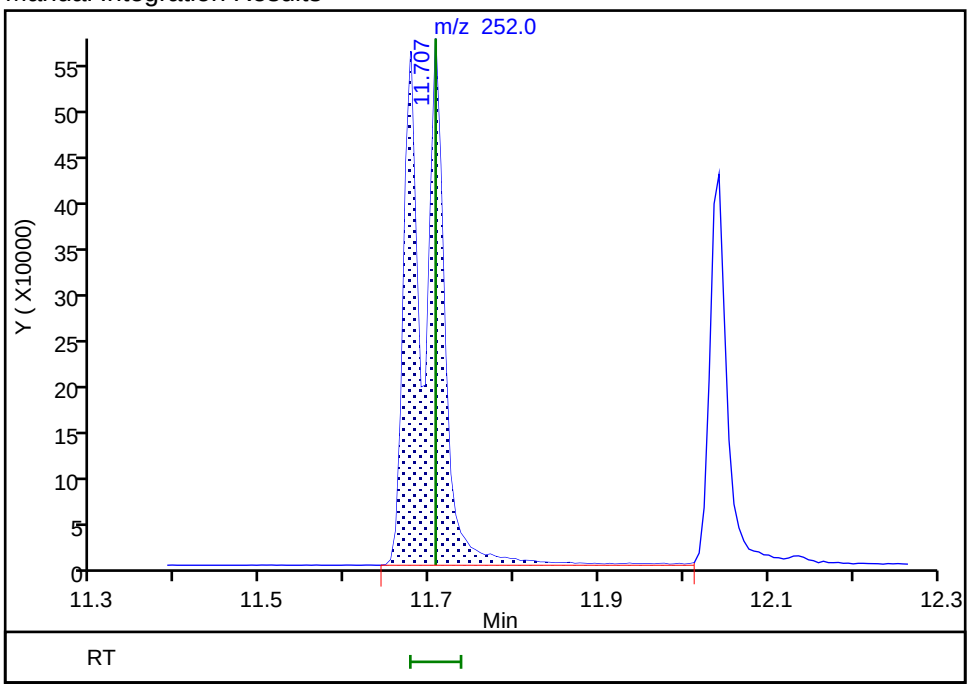
Not Detected
Expected RT: 11.71

Processing Integration Results



Manual Integration Results

RT: 11.71
Area: 1416924
Amount: 2235.1215
Amount Units: ug/L



Reviewer: thaneeratw, 15-Mar-2022 09:47:58
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Lab Sample ID: CCVC 580-383728/20 Calibration Date: 03/14/2022 19:24

Instrument ID: TAC040 Calib Start Date: 03/03/2022 17:30

GC Column: ZB-SV ID: 0.25(mm) Calib End Date: 03/03/2022 20:58

Lab File ID: 40Scan031422a023.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.3079	0.3158	0.0100	1030	1000	2.6	50.0
Pyridine	Ave	0.5747	0.5611	0.0100	1950	2000	-2.4	50.0
Aniline	Qua2		0.9383	0.0100	931	1000	-6.9	50.0
Phenol	Ave	0.9469	0.9441	0.8000	997	1000	-0.3	50.0
Bis(2-chloroethyl)ether	Ave	0.7270	0.7120	0.7000	979	1000	-2.1	50.0
2-Chlorophenol	Ave	1.158	1.214	0.8000	1050	1000	4.8	50.0
n-Decane	Lin1		0.4700		980	1000	-2.0	50.0
1,3-Dichlorobenzene	Lin1		1.447	0.0100	1030	1000	3.3	50.0
1,4-Dichlorobenzene	Lin1		1.446	0.0100	1020	1000	2.4	50.0
1,2-Dichlorobenzene	Lin1		1.390	0.0100	1030	1000	3.0	50.0
Benzyl alcohol	Ave	0.4850	0.3927	0.0100	810	1000	-19.0	50.0
bis (2-chloroisopropyl) ether	Lin1		0.6174	0.0100	924	1000	-7.6	50.0
o-Cresol	Ave	0.8247	0.8024	0.7000	973	1000	-2.7	50.0
Acetophenone	Ave	1.204	1.165	0.0100	967	1000	-3.3	50.0
N-Nitrosodi-n-propylamine	Ave	0.3313	0.3372*	0.5000	1020	1000	1.8	50.0
m+p-Cresol	Ave	0.8154	0.8304	0.6000	1020	1000	1.8	50.0
Hexachloroethane	Lin1		0.5789	0.3000	985	1000	-1.5	50.0
Nitrobenzene	Ave	0.6002	0.5909	0.2000	985	1000	-1.5	50.0
Isophorone	Lin1		1.095	0.4000	941	1000	-5.9	50.0
2-Nitrophenol	Ave	0.5945	0.5583	0.1000	939	1000	-6.1	50.0
2,4-Dimethylphenol	Lin2		0.2442	0.2000	986	1000	-1.4	50.0
Benzoic acid	Qua2		0.4233	0.0100	1620	2000	-18.8	50.0
Bis(2-chloroethoxy)methane	Ave	0.9042	0.8790	0.3000	972	1000	-2.8	50.0
2,4-Dichlorophenol	Lin2		0.2893	0.2000	1060	1000	5.8	50.0
1,2,4-Trichlorobenzene	Ave	0.3338	0.3665	0.0100	1100	1000	9.8	50.0
Naphthalene	Ave	0.9162	0.9416	0.7000	1030	1000	2.8	50.0
2,6-Dichlorophenol	Ave	0.5125	0.5491	0.0100	1070	1000	7.1	50.0
4-Chloroaniline	Lin2		0.2210	0.0100	633	1000	-36.7	50.0
Hexachlorobutadiene	Lin2		0.2306	0.0100	1170	1000	17.2	50.0
4-Chloro-3-methylphenol	Ave	0.3410	0.3518	0.2000	1030	1000	3.2	50.0
2-Methylnaphthalene	Ave	0.5737	0.6152	0.4000	1070	1000	7.2	50.0
1-Methylnaphthalene	Ave	0.5627	0.5923	0.0100	1050	1000	5.3	50.0
Hexachlorocyclopentadiene	Qua1		0.2476	0.0500	543	1000	-45.7	50.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6502	0.7003		1080	1000	7.7	50.0
2,4,6-Trichlorophenol	Lin2		0.3718	0.2000	955	1000	-4.5	50.0
2,4,5-Trichlorophenol	Qua2		0.4197	0.2000	1070	1000	7.4	50.0
1,1'-Biphenyl	Ave	1.347	1.379	0.0100	1020	1000	2.4	50.0
2-Chloronaphthalene	Ave	1.118	1.178	0.8000	1050	1000	5.4	50.0
2-Nitroaniline	Lin2		0.3750	0.0100	1070	1000	6.6	50.0
Dimethyl phthalate	Lin2		1.235	0.0100	1040	1000	4.1	50.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Lab Sample ID: CCVC 580-383728/20 | Calibration Date: 03/14/2022 19:24

Instrument ID: TAC040 | Calib Start Date: 03/03/2022 17:30

GC Column: ZB-SV ID: 0.25(mm) | Calib End Date: 03/03/2022 20:58

Lab File ID: 40Scan031422a023.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,6-Dinitrotoluene	Lin2		0.2768	0.2000	999	1000	-0.1	50.0
Acenaphthylene	Ave	1.617	1.706	0.9000	1060	1000	5.5	50.0
3-Nitroaniline	Lin2		0.2576	0.0100	961	1000	-3.9	50.0
Acenaphthene	Ave	1.105	1.133	0.9000	1030	1000	2.5	50.0
2,4-Dinitrophenol	Qua1		0.0011*	0.0100	1600	2000	-89.8*	50.0
2,4-Dinitrotoluene	Lin2		0.3324	0.2000	958	1000	-4.2	50.0
4-Nitrophenol	Qua1		0.1099	0.0100	1850	2000	-7.6	50.0
Dibenzofuran	Ave	1.474	1.613	0.8000	1090	1000	9.4	50.0
2,3,5,6-Tetrachlorophenol	Qua2		0.2957	0.0100	947	1000	-5.3	50.0
2,3,4,6-Tetrachlorophenol	Qua2		0.3599	0.0100	1060	1000	5.9	50.0
Diethyl phthalate	Ave	1.250	1.387	0.0100	1110	1000	11.0	50.0
Fluorene	Ave	1.171	1.265	0.9000	1080	1000	8.0	50.0
4-Chlorophenyl phenyl ether	Ave	0.5633	0.6131	0.4000	1090	1000	8.8	50.0
4-Nitroaniline	Ave	0.1577	0.2375	0.0100	1510	1000	50.6*	50.0
4,6-Dinitro-2-methylphenol	Qua2		0.0017*	0.0100	600	2000	-94.7*	50.0
N-Nitrosodiphenylamine	Ave	0.4759	0.5079	0.0100	1070	1000	6.7	50.0
Azobenzene	Ave	0.4138	0.3945		953	1000	-4.7	50.0
4-Bromophenyl phenyl ether	Ave	0.2319	0.2503	0.1000	1080	1000	8.0	50.0
Hexachlorobenzene	Lin2		0.3547	0.1000	1070	1000	7.3	50.0
Atrazine	Lin2		0.3402	0.0100	1190	1000	18.8	50.0
Pentachlorophenol	Qua2		0.1521	0.0500	1810	2000	-9.5	50.0
n-Octadecane	Ave	0.1632	0.1525		934	1000	-6.6	50.0
Phenanthrene	Ave	1.026	1.069	0.7000	1040	1000	4.2	50.0
Anthracene	Lin2		1.089	0.7000	1100	1000	9.9	50.0
Carbazole	Ave	0.6888	1.000	0.0100	1450	1000	45.2	50.0
Di-n-butyl phthalate	Lin2		1.371	0.0100	1090	1000	8.9	50.0
Fluoranthene	Ave	1.021	1.214	0.6000	1190	1000	18.9	50.0
Benzidine	Qua2		0.1168	0.0100	1160	2000	-42.0	50.0
Pyrene	Ave	1.052	1.270	0.6000	1210	1000	20.7	50.0
Butyl benzyl phthalate	Ave	0.5843	0.6348	0.0100	1090	1000	8.6	50.0
3,3'-Dichlorobenzidine	Qua2		0.4871	0.0100	2700	2000	34.8	50.0
Benzo[a]anthracene	Lin2		1.249	0.8000	1100	1000	9.5	50.0
Chrysene	Lin2		1.185	0.7000	984	1000	-1.6	50.0
Bis(2-ethylhexyl) phthalate	Ave	0.8192	0.9165	0.0100	1120	1000	11.9	50.0
Di-n-octyl phthalate	Lin2		1.651	0.0100	1190	1000	18.8	50.0
Benzo[b]fluoranthene	Ave	1.114	1.207	0.7000	1080	1000	8.3	50.0
Benzo[k]fluoranthene	Ave	1.190	1.322	0.7000	1110	1000	11.1	50.0
Benzofluoranthene	Ave	1.135	1.238		2180	2000	9.1	50.0
Benzo[a]pyrene	Lin2		1.021	0.7000	1020	1000	2.5	50.0
Indeno[1,2,3-cd]pyrene	Qua2		0.6967	0.5000	715	1000	-28.5	50.0
Dibenz(a,h)anthracene	Lin2		0.7016	0.4000	648	1000	-35.2	50.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Lab Sample ID: CCVC 580-383728/20 Calibration Date: 03/14/2022 19:24

Instrument ID: TAC040 Calib Start Date: 03/03/2022 17:30

GC Column: ZB-SV ID: 0.25(mm) Calib End Date: 03/03/2022 20:58

Lab File ID: 40Scan031422a023.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[g,h,i]perylene	Ave	1.207	0.6979	0.5000	578	1000	-42.2	50.0
2-Fluorophenol (Surr)	Ave	0.9432	0.9640		1020	1000	2.2	50.0
Phenol-d5 (Surr)	Ave	0.9949	0.9718		977	1000	-2.3	50.0
Nitrobenzene-d5 (Surr)	Ave	0.1921	0.2003		1040	1000	4.3	50.0
2-Fluorobiphenyl	Ave	1.277	1.346		1050	1000	5.4	50.0
2,4,6-Tribromophenol (Surr)	Qua1		0.2037	0.0100	1080	1000	8.2	50.0
Terphenyl-d14	Lin2		0.8699		1190	1000	19.2	50.0

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a023.D
Lims ID: ccvc
Client ID:
Sample Type: CCVC
Inject. Date: 14-Mar-2022 19:24:30 ALS Bottle#: 3 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccvc
Operator ID: tl Instrument ID: TAC040
Sublist: chrom-8270TAC040*sub20

Method: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 15-Mar-2022 11:10:32 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: thaneeratw Date: 15-Mar-2022 11:10:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.707	4.701	0.006	87	28076	100.0	100.0	
* 2 Naphthalene-d8	136	5.736	5.731	0.005	95	94050	100.0	100.0	
* 3 Acenaphthene-d10	164	7.172	7.166	0.006	60	50133	100.0	100.0	
* 4 Phenanthrene-d10	188	8.383	8.383	0.000	93	82452	100.0	100.0	
* 5 Chrysene-d12	240	10.589	10.589	0.000	56	86224	100.0	100.0	
* 6 Perylene-d12	264	12.112	12.107	0.005	95	86881	100.0	100.0	
$ 7 2-Fluorophenol	112	3.670	3.659	0.016	80	270642	1000.0	1022.0	
$ 8 Phenol-d5	99	4.448	4.436	0.017	96	272839	1000.0	976.8	
$ 9 Nitrobenzene-d5	82	5.154	5.159	0.000	80	188426	1000.0	1043.0	
$ 10 2-Fluorobiphenyl	172	6.625	6.630	0.000	90	674663	1000.0	1053.6	
$ 11 2,4,6-Tribromophenol	330	7.825	7.819	0.006	83	167957	1000.0	1081.7	
$ 12 Terphenyl-d14	244	9.707	9.707	0.000	99	717213	1000.0	1192.0	
15 N-Nitrosodimethylamine	74	2.515	2.518	0.000	87	88651	1000.0	1025.6	
16 Pyridine	79	2.536	2.534	0.005	94	315061	2000.0	1952.7	
18 Phenol	94	4.454	4.442	0.018	96	265059	1000.0	997.0	
17 Aniline	93	4.442	4.448	0.000	97	263441	1000.0	931.3	
19 Bis(2-chloroethyl)ether	93	4.507	4.507	0.006	92	199913	1000.0	979.5	
20 2-Chlorophenol	128	4.542	4.542	0.006	86	340756	1000.0	1048.1	
21 n-Decane	57	4.589	4.595	0.000	89	131951	1000.0	980.3	
22 1,3-Dichlorobenzene	146	4.654	4.660	0.000	94	406290	1000.0	1032.7	
23 1,4-Dichlorobenzene	146	4.719	4.725	0.000	97	405886	1000.0	1023.9	
27 Benzyl alcohol	79	4.836	4.831	0.011	41	110241	1000.0	809.6	
24 1,2-Dichlorobenzene	146	4.836	4.843	0.000	96	390238	1000.0	1030.3	
28 2-Methylphenol	108	4.936	4.931	0.011	54	225288	1000.0	973.0	
25 2,2'-oxybis[1-chloropropane]	45	4.936	4.943	0.000	65	173353	1000.0	923.6	
29 Acetophenone	105	5.036	5.043	0.000	91	327023	1000.0	967.2	
30 N-Nitrosodi-n-propylamine	70	5.042	5.049	0.000	87	94685	1000.0	1018.0	
32 3 & 4 Methylphenol	108	5.066	5.060	0.012	85	233132	1000.0	1018.3	
31 Hexachloroethane	117	5.107	5.113	0.000	90	162531	1000.0	985.0	
33 Nitrobenzene	77	5.172	5.171	0.006	71	165906	1000.0	984.5	
34 Isophorone	82	5.366	5.371	0.000	97	307360	1000.0	941.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
35 2-Nitrophenol	139	5.431	5.430	0.006	75	156756	1000.0	939.1	
37 2,4-Dimethylphenol	107	5.489	5.483	0.011	86	229653	1000.0	986.1	
36 Benzoic acid	105	5.554	5.554	0.012	38	237705	2000.0	1624.7	a
38 Bis(2-chloroethoxy)methane	93	5.554	5.560	0.000	92	246802	1000.0	972.2	
39 2,4-Dichlorophenol	162	5.636	5.636	0.005	83	272112	1000.0	1057.7	
40 1,2,4-Trichlorobenzene	180	5.689	5.695	0.000	91	344718	1000.0	1098.0	
41 Naphthalene	128	5.754	5.754	0.006	95	885593	1000.0	1027.7	
42 2,6-Dichlorophenol	162	5.813	5.812	0.006	90	275273	1000.0	1071.4	
43 4-Chloroaniline	127	5.813	5.813	0.006	60	207884	1000.0	633.0	
44 Hexachlorobutadiene	225	5.860	5.866	0.000	91	216875	1000.0	1171.6	
45 4-Chloro-3-methylphenol	107	6.231	6.225	0.012	84	176380	1000.0	1031.6	
46 2-Methylnaphthalene	142	6.319	6.325	0.000	83	578610	1000.0	1072.4	
47 1-Methylnaphthalene	142	6.401	6.402	0.006	89	557056	1000.0	1052.6	
48 Hexachlorocyclopentadiene	237	6.448	6.453	0.000	81	124153	1000.0	543.1	
49 1,2,4,5-Tetrachlorobenzene	216	6.454	6.459	0.000	93	351059	1000.0	1076.9	
50 2,4,6-Trichlorophenol	196	6.560	6.559	0.006	85	186392	1000.0	955.0	
51 2,4,5-Trichlorophenol	196	6.601	6.595	0.012	94	210421	1000.0	1073.8	
52 1,1'-Biphenyl	154	6.707	6.707	0.006	93	691302	1000.0	1024.0	
53 2-Chloronaphthalene	162	6.713	6.718	0.000	93	590812	1000.0	1053.8	
54 2-Nitroaniline	138	6.813	6.813	0.006	85	187982	1000.0	1066.0	
55 Dimethyl phthalate	163	6.966	6.971	0.000	98	619010	1000.0	1041.3	
56 1,3-Dinitrobenzene	168	6.983	6.992	0.000	80	81253	1000.0	952.2	
57 2,6-Dinitrotoluene	165	7.013	7.013	0.006	65	138792	1000.0	998.6	
58 Acenaphthylene	152	7.054	7.060	0.000	91	855489	1000.0	1055.1	
59 3-Nitroaniline	138	7.154	7.154	0.006	74	129153	1000.0	960.9	
60 Acenaphthene	153	7.195	7.201	0.000	92	567838	1000.0	1025.3	
69 2,4-Dinitrophenol	184	7.242	7.242	0.012	1	1136	2000.0	203.1	a
63 4-Nitrophenol	109	7.342	7.319	0.029	42	110180	2000.0	1847.8	
62 2,4-Dinitrotoluene	165	7.336	7.342	0.000	60	166626	1000.0	958.2	
61 Dibenzofuran	168	7.342	7.342	0.006	88	808411	1000.0	1093.9	
64 2,3,5,6-Tetrachlorophenol	232	7.419	7.413	0.012	82	148225	1000.0	946.8	
65 2,3,4,6-Tetrachlorophenol	232	7.454	7.448	0.012	63	180435	1000.0	1058.8	
66 Diethyl phthalate	149	7.548	7.554	0.000	96	695396	1000.0	1110.1	
67 Fluorene	166	7.619	7.625	0.000	83	634292	1000.0	1080.2	
68 4-Chlorophenyl phenyl ether	204	7.630	7.637	0.000	83	307351	1000.0	1088.4	
70 4-Nitroaniline	138	7.654	7.648	0.012	34	119048	1000.0	1505.8	
73 4,6-Dinitro-2-methylphenol	198	7.666	7.666	0.000	1	2743	2000.0	105.1	
71 N-Nitrosodiphenylamine	169	7.730	7.725	0.006	60	418804	1000.0	1067.4	
72 Azobenzene	77	7.760	7.760	0.000	90	325299	1000.0	953.3	
74 4-Bromophenyl phenyl ether	248	8.030	8.030	0.000	50	206415	1000.0	1079.6	
75 Hexachlorobenzene	284	8.066	8.066	0.000	92	292496	1000.0	1072.7	
76 Atrazine	200	8.183	8.184	0.006	89	170535	1000.0	1188.3	
77 Pentachlorophenol	266	8.242	8.230	0.012	94	250890	2000.0	1809.3	
78 n-Octadecane	43	8.330	8.330	0.000	96	125728	1000.0	934.1	
79 Phenanthrene	178	8.407	8.401	0.006	95	881561	1000.0	1041.7	
80 Anthracene	178	8.448	8.442	0.006	95	897585	1000.0	1099.0	
81 Carbazole	167	8.589	8.583	0.006	82	824727	1000.0	1452.1	
83 Di-n-butyl phthalate	149	8.895	8.895	0.000	98	1130415	1000.0	1088.6	
84 Fluoranthene	202	9.377	9.377	0.000	97	1001240	1000.0	1189.0	
85 Benzidine	184	9.513	9.507	0.006	98	192594	2000.0	1159.9	
86 Pyrene	202	9.566	9.560	0.006	98	1046934	1000.0	1207.3	
87 Butyl benzyl phthalate	149	10.124	10.124	0.000	87	547370	1000.0	1086.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
89 Benzo[a]anthracene	228	10.583	10.577	0.006	98	1077272	1000.0	1095.2	
91 3,3'-Dichlorobenzidine	252	10.583	10.577	0.006	62	840049	2000.0	2696.0	
90 Chrysene	228	10.618	10.613	0.005	93	1022032	1000.0	984.0	
92 Bis(2-ethylhexyl) phthalate	149	10.648	10.648	0.000	74	790229	1000.0	1118.7	
93 Di-n-octyl phthalate	149	11.318	11.324	0.000	96	1434001	1000.0	1188.2	
94 Benzo[b]fluoranthene	252	11.683	11.683	0.006	94	1048680	1000.0	1083.4	
95 Benzofluoranthene	252	11.713	11.713	0.006	98	2151256	2000.0	2182.5	a
96 Benzo[k]fluoranthene	252	11.713	11.712	0.006	98	1148535	1000.0	1110.9	
97 Benzo[a]pyrene	252	12.048	12.048	0.006	76	887269	1000.0	1024.6	
98 Indeno[1,2,3-cd]pyrene	276	13.371	13.372	0.006	98	605305	1000.0	715.0	
99 Dibenz(a,h)anthracene	278	13.407	13.407	0.006	4	609569	1000.0	647.6	
100 Benzo[g,h,i]perylene	276	13.683	13.684	0.006	93	606379	1000.0	578.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ccv_8270_1000_00057 Amount Added: 1.00 Units: mL

Report Date: 15-Mar-2022 11:10:33 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a023.D

Injection Date: 14-Mar-2022 19:24:30 Instrument ID: TAC040

Lims ID: ccvc

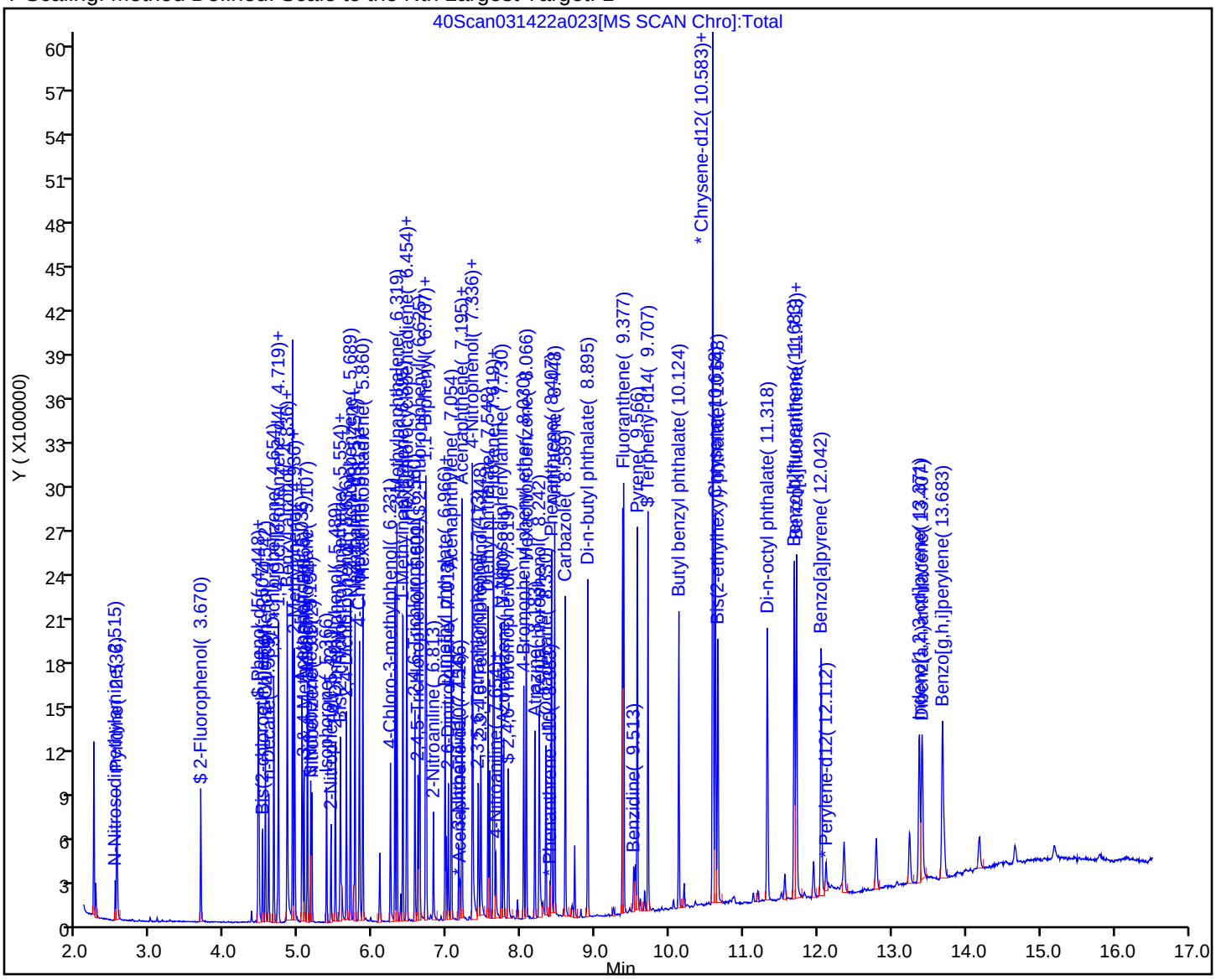
Client ID:

Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

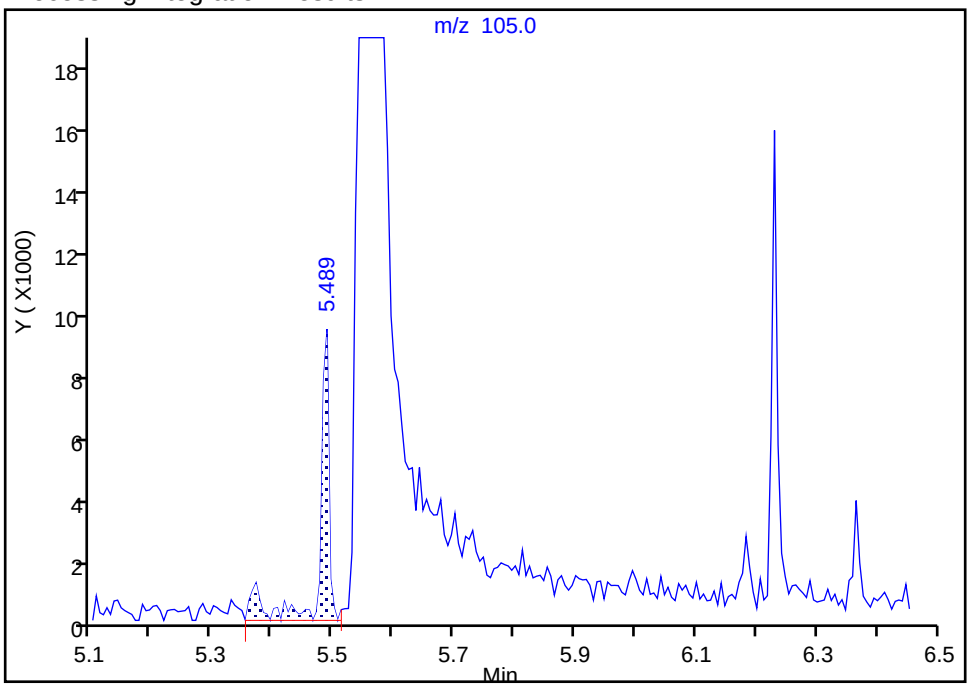
Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a023.D
Injection Date: 14-Mar-2022 19:24:30 Instrument ID: TAC040
Lims ID: ccvc
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

36 Benzoic acid, CAS: 65-85-0

Signal: 1

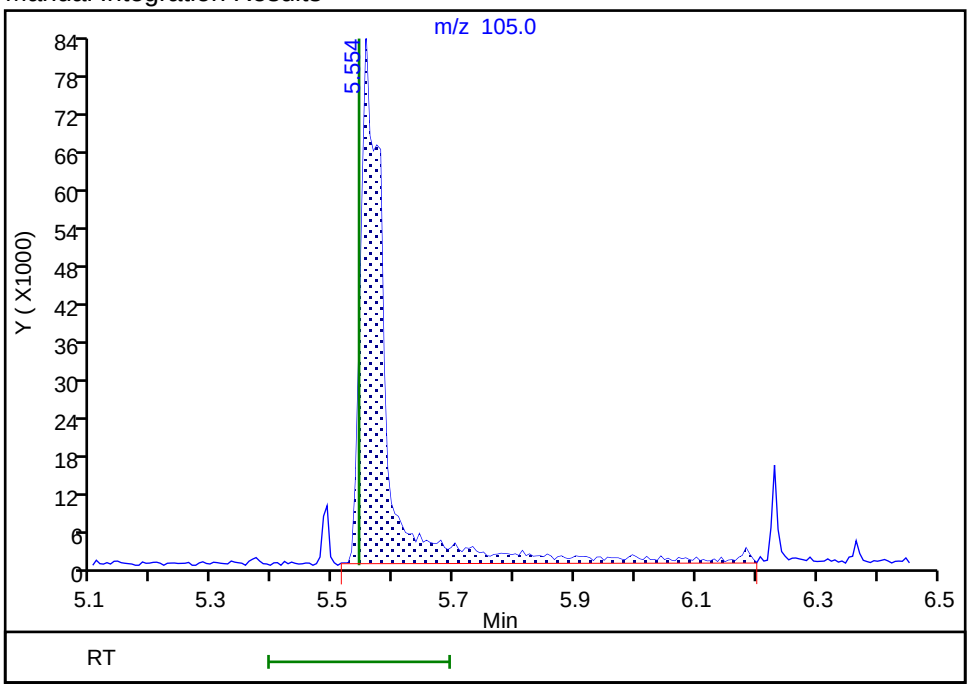
Processing Integration Results

RT: 5.49
Area: 10002
Amount: 201.5849
Amount Units: ug/L



Manual Integration Results

RT: 5.55
Area: 237705
Amount: 1624.6708
Amount Units: ug/L



Reviewer: thaneeratw, 15-Mar-2022 11:08:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

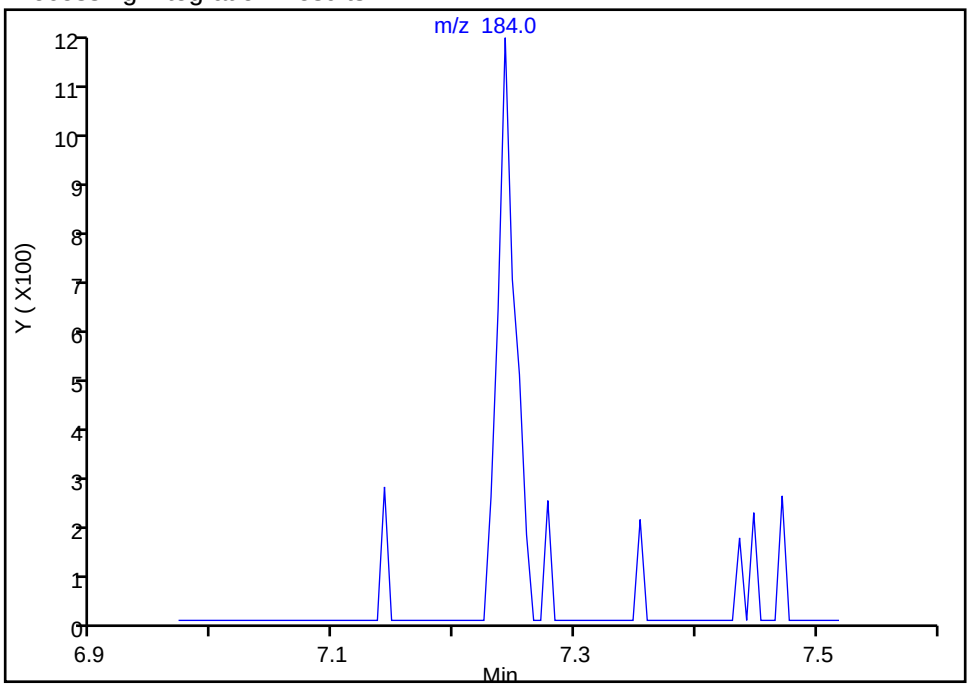
Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a023.D
Injection Date: 14-Mar-2022 19:24:30 Instrument ID: TAC040
Lims ID: ccvc
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

69 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

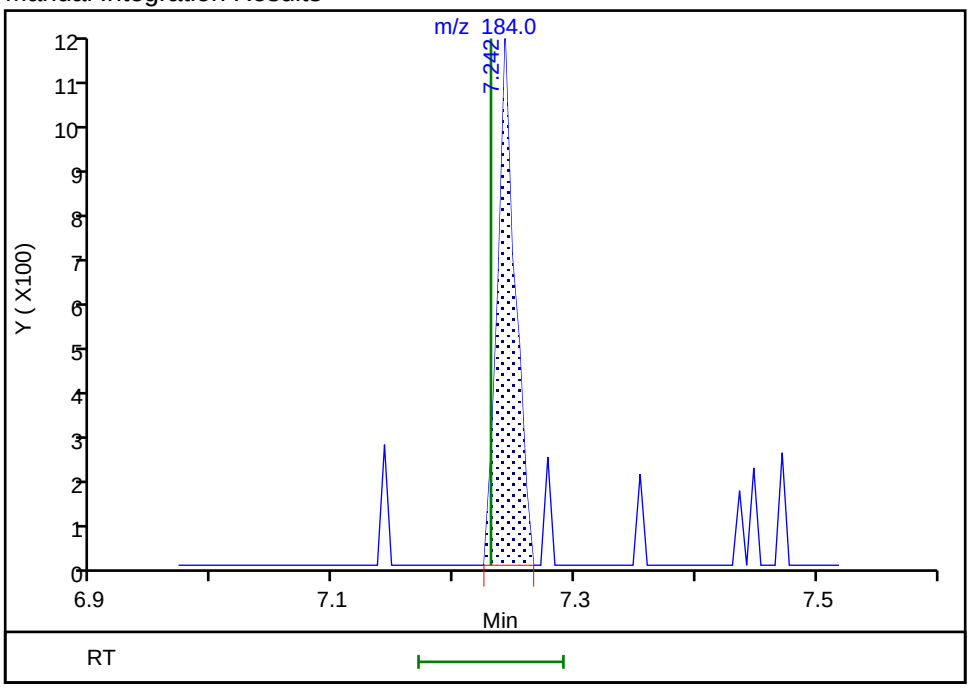
Not Detected
Expected RT: 7.23

Processing Integration Results



Manual Integration Results

RT: 7.24
Area: 1136
Amount: 203.1313
Amount Units: ug/L



Reviewer: thaneeratw, 15-Mar-2022 11:09:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Seattle

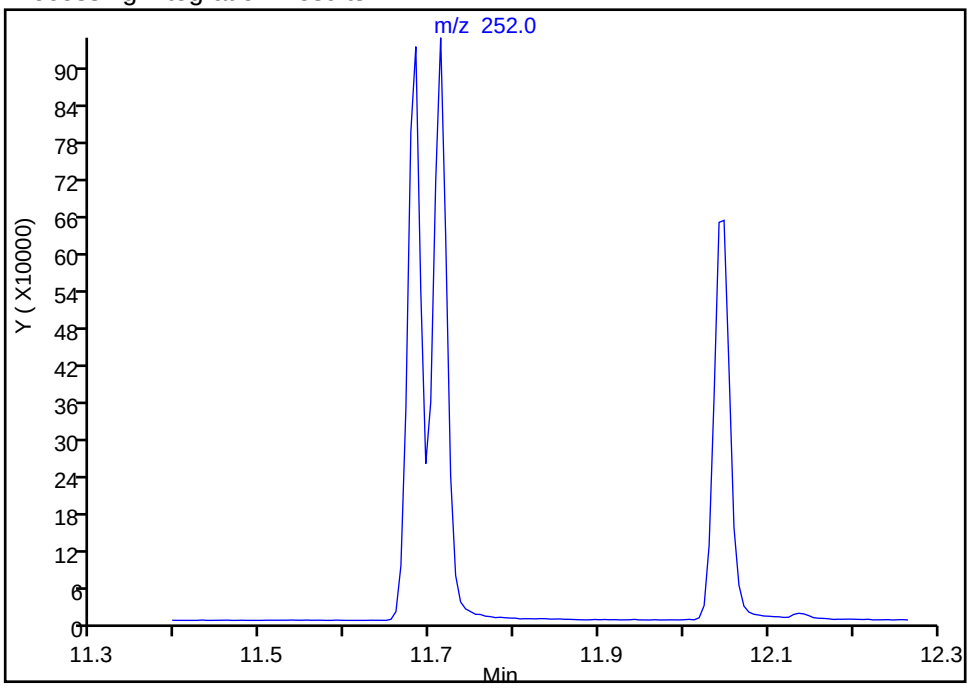
Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a023.D
Injection Date: 14-Mar-2022 19:24:30 Instrument ID: TAC040
Lims ID: ccvc
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

95 Benzofluoranthene, CAS: 56832-73-6

Signal: 1

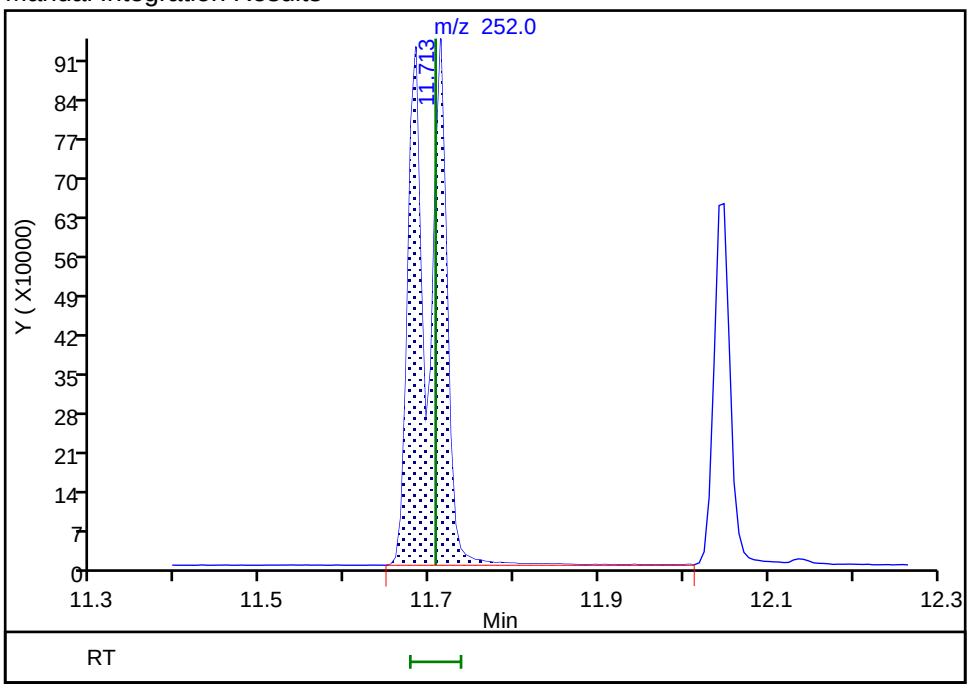
Not Detected
Expected RT: 11.71

Processing Integration Results



Manual Integration Results

RT: 11.71
Area: 2151256
Amount: 2182.5425
Amount Units: ug/L



Reviewer: thaneeratw, 15-Mar-2022 11:10:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Lab Sample ID: ICV 580-379142/15 Calibration Date: 01/24/2022 21:17

Instrument ID: TAC051 Calib Start Date: 01/24/2022 17:04

GC Column: ZB-SV ID: 0.25(mm) Calib End Date: 01/24/2022 20:31

Lab File ID: 0124A21_.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Lin1		0.4106	0.0100	998	1000	-0.2	20.0
Pyridine	Lin2		0.6218	0.0100	1720	2000	-14.1	20.0
Phenol	Ave	1.004	1.033	0.8000	1030	1000	2.8	20.0
Aniline	Lin1		1.160	0.0100	925	1000	-7.5	20.0
Bis(2-chloroethyl)ether	Ave	0.8637	0.8062	0.7000	933	1000	-6.7	20.0
2-Chlorophenol	Ave	1.210	1.153	0.8000	953	1000	-4.7	20.0
n-Decane	Ave	0.7898	0.7097		899	1000	-10.1	20.0
1,3-Dichlorobenzene	Ave	1.441	1.344	0.0100	932	1000	-6.8	20.0
1,4-Dichlorobenzene	Ave	1.565	1.388	0.0100	887	1000	-11.3	20.0
Benzyl alcohol	Lin2		0.5845	0.0100	954	1000	-4.6	20.0
1,2-Dichlorobenzene	Ave	1.465	1.352	0.0100	923	1000	-7.7	20.0
2-Methylphenol	Ave	0.8394	0.8377	0.7000	998	1000	-0.2	20.0
2,2'-oxybis[1-chloropropane]	Ave	0.9704	0.8387	0.0100	864	1000	-13.6	20.0
Acetophenone	Ave	1.266	1.210	0.0100	955	1000	-4.5	20.0
3 & 4 Methylphenol	Lin2		0.8556	0.6000	978	1000	-2.2	20.0
N-Nitrosodi-n-propylamine	Ave	0.4984	0.4574*	0.5000	918	1000	-8.2	20.0
Hexachloroethane	Ave	0.5675	0.5434	0.3000	958	1000	-4.2	20.0
Nitrobenzene	Lin2		0.8199	0.2000	967	1000	-3.3	20.0
Isophorone	Ave	1.472	1.362	0.4000	925	1000	-7.5	20.0
2-Nitrophenol	Lin2		0.1784	0.1000	1040	1000	3.6	20.0
2,4-Dimethylphenol	Lin1		0.9172	0.2000	922	1000	-7.8	20.0
Benzoic acid	Lin1		0.1664	0.0100	1830	2000	-8.7	20.0
Bis(2-chloroethoxy)methane	Ave	0.9233	0.8560	0.3000	927	1000	-7.3	20.0
2,4-Dichlorophenol	Lin1		0.2753	0.2000	1040	1000	3.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3058	0.3202	0.0100	1050	1000	4.7	20.0
Naphthalene	Qua2		1.025	0.7000	1030	1000	3.3	20.0
4-Chloroaniline	Lin1		0.3539	0.0100	1010	1000	1.1	20.0
2,6-Dichlorophenol	Qua1		0.4805	0.0100	926	1000	-7.4	20.0
Hexachlorobutadiene	Ave	0.1815	0.1848	0.0100	1020	1000	1.8	20.0
4-Chloro-3-methylphenol	Lin2		0.3769	0.2000	971	1000	-2.9	20.0
2-Methylnaphthalene	Ave	0.6515	0.6726	0.4000	1030	1000	3.2	20.0
1-Methylnaphthalene	Ave	0.6188	0.6331	0.0100	1020	1000	2.3	20.0
Hexachlorocyclopentadiene	Ave	0.3528	0.3322	0.0500	942	1000	-5.8	20.0
1,2,4,5-Tetrachlorobenzene	Qua		0.5143		978	1000	-2.2	20.0
2,4,6-Trichlorophenol	Lin2		0.3148	0.2000	981	1000	-1.9	20.0
2,4,5-Trichlorophenol	Lin1		0.3233	0.2000	887	1000	-11.3	20.0
1,1'-Biphenyl	Ave	1.451	1.405	0.0100	968	1000	-3.2	20.0
2-Chloronaphthalene	Ave	1.139	1.111	0.8000	975	1000	-2.5	20.0
2-Nitroaniline	Qua2		0.3026	0.0100	953	1000	-4.7	20.0
Dimethyl phthalate	Lin1		1.294	0.0100	1100	1000	10.1	20.0
2,6-Dinitrotoluene	Lin1		0.2866	0.2000	984	1000	-1.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Lab Sample ID: ICV 580-379142/15 | Calibration Date: 01/24/2022 21:17

Instrument ID: TAC051 | Calib Start Date: 01/24/2022 17:04

GC Column: ZB-SV ID: 0.25(mm) | Calib End Date: 01/24/2022 20:31

Lab File ID: 0124A21_.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Qua2		1.804	0.9000	1070	1000	7.4	20.0
3-Nitroaniline	Lin2		0.2727	0.0100	971	1000	-2.9	20.0
Acenaphthene	Ave	1.170	1.138	0.9000	972	1000	-2.8	20.0
2,4-Dinitrophenol	Lin1		0.1286	0.0100	1770	2000	-11.3	20.0
4-Nitrophenol	Lin1		0.1139	0.0100	1950	2000	-2.5	20.0
2,4-Dinitrotoluene	Lin2		0.3634	0.2000	973	1000	-2.7	20.0
Dibenzofuran	Ave	1.488	1.566	0.8000	1050	1000	5.3	20.0
2,3,5,6-Tetrachlorophenol	Lin2		0.2709	0.0100	1060	1000	5.7	20.0
2,3,4,6-Tetrachlorophenol	Lin2		0.3148	0.0100	1050	1000	4.9	20.0
Diethyl phthalate	Ave	1.296	1.380	0.0100	1060	1000	6.5	20.0
Fluorene	Ave	1.184	1.290	0.9000	1090	1000	8.9	20.0
4-Chlorophenyl phenyl ether	Ave	0.5450	0.5654	0.4000	1040	1000	3.7	20.0
4-Nitroaniline	Lin1		0.2292	0.0100	869	1000	-13.1	20.0
4,6-Dinitro-2-methylphenol	Lin1		0.1205	0.0100	2010	2000	0.7	20.0
N-Nitrosodiphenylamine	Ave	0.5309	0.6282	0.0100	1180	1000	18.3	20.0
Azobenzene	Lin2		0.6396		1160	1000	15.9	20.0
4-Bromophenyl phenyl ether	Qua2		0.2262	0.1000	1020	1000	2.3	20.0
Hexachlorobenzene	Ave	0.2584	0.2706	0.1000	1050	1000	4.7	20.0
Atrazine	Lin2		0.3249	0.0100	970	1000	-3.0	20.0
Pentachlorophenol	Lin2		0.1556	0.0500	2180	2000	9.1	20.0
n-Octadecane	Qua1		0.3053		966	1000	-3.4	20.0
Phenanthrene	Qua2		1.207	0.7000	1080	1000	7.7	20.0
Anthracene	Qua1		1.239	0.7000	1070	1000	6.5	20.0
Carbazole	Qua1		0.9641	0.0100	1080	1000	8.0	20.0
Di-n-butyl phthalate	Qua1		1.520	0.0100	1080	1000	7.9	20.0
Fluoranthene	Qua1		1.300	0.6000	1090	1000	9.1	20.0
Benzidine	Lin1		0.3015	0.0100	2130	2000	6.6	20.0
Pyrene	Qua1		1.374	0.6000	1120	1000	12.3	20.0
Butyl benzyl phthalate	Qua1		0.7470	0.0100	1040	1000	3.6	20.0
3,3'-Dichlorobenzidine	Qua1		0.4058	0.0100	2010	2000	0.5	20.0
Benzo[a]anthracene	Qua1		1.285	0.8000	1030	1000	2.8	20.0
Chrysene	Qua2		1.312	0.7000	996	1000	-0.4	20.0
Bis(2-ethylhexyl) phthalate	Qua2		1.030	0.0100	1110	1000	10.8	20.0
Di-n-octyl phthalate	Ave	1.324	1.478	0.0100	1120	1000	11.6	20.0
Benzo[b]fluoranthene	Lin2		1.186	0.7000	1070	1000	7.0	20.0
Benzofluoranthene	Ave	1.229	1.230		2000	2000	0.1	20.0
Benzo[k]fluoranthene	Ave	1.342	1.405	0.7000	1050	1000	4.7	20.0
Benzo[a]pyrene	Lin2		1.189	0.7000	1170	1000	16.6	20.0
Indeno[1,2,3-cd]pyrene	Lin1		1.084	0.5000	1070	1000	6.8	20.0
Dibenz(a,h)anthracene	Lin2		1.094	0.4000	1000	1000	0.1	20.0
Benzo[g,h,i]perylene	Qua1		1.298	0.5000	1030	1000	2.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Lab Sample ID: ICV 580-379142/15 | Calibration Date: 01/24/2022 21:17

Instrument ID: TAC051 | Calib Start Date: 01/24/2022 17:04

GC Column: ZB-SV ID: 0.25(mm) | Calib End Date: 01/24/2022 20:31

Lab File ID: 0124A21_.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Fluorophenol (Surr)	Lin2		0.8441		909	1000	-9.1	20.0
Phenol-d5 (Surr)	Lin1		0.9755		947	1000	-5.3	20.0
Nitrobenzene-d5 (Surr)	Ave	0.2380	0.2434		1020	1000	2.3	20.0
2-Fluorobiphenyl	Ave	1.330	1.334		1000	1000	0.3	20.0
2,4,6-Tribromophenol (Surr)	Lin1		0.1358	0.0100	1000	1000	0.3	20.0
Terphenyl-d14 (Surr)	Ave	0.7490	0.8298		1110	1000	10.8	20.0

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A21_.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 24-Jan-2022 21:17:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icv
Operator ID: TL Instrument ID: TAC051
Sublist:

Method: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 28-Jan-2022 17:07:15 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: limmere Date: 27-Jan-2022 12:10:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.489	4.489	0.000	71	29129	100.0	100.0	
* 2 Naphthalene-d8	136	5.498	5.499	-0.001	96	96485	100.0	100.0	
* 3 Acenaphthene-d10	164	6.925	6.925	0.000	39	53811	100.0	100.0	
* 4 Phenanthrene-d10	188	8.137	8.138	-0.001	93	77974	100.0	100.0	
* 5 Chrysene-d12	240	10.333	10.334	-0.001	57	68776	100.0	100.0	
* 6 Perylene-d12	264	11.861	11.862	-0.001	86	75719	100.0	100.0	M
$ 7 2-Fluorophenol	112	3.484	3.485	-0.001	85	245873	1000.0	909.5	
$ 8 Phenol-d5	99	4.211	4.212	-0.001	98	284152	1000.0	946.8	
$ 9 Nitrobenzene-d5	82	4.927	4.928	-0.001	88	234864	1000.0	1022.7	
$ 10 2-methylnaphthalene-d10	152	6.054	6.055	-0.001	0	576751	NC	NC	
$ 11 2-Fluorobiphenyl	172	6.385	6.386	-0.001	99	717911	1000.0	1003.4	
$ 12 2,4,6-Tribromophenol	330	7.571	7.572	-0.001	83	105853	1000.0	1003.0	
$ 13 Fluoranthene-d10 (Surr)	212	9.115	9.116	-0.001	0	876905	NC	NC	
$ 14 Terphenyl-d14	244	9.457	9.458	-0.001	99	647056	1000.0	1108.0	
15 1,4-Dioxane	88	2.352	2.353	-0.001	1	1473	NC	NC	
16 N-Nitrosodimethylamine	74	2.480	2.475	0.005	75	119618	1000.0	997.8	
17 Pyridine	79	2.491	2.492	-0.001	88	362263	2000.0	1718.3	
19 Phenol	94	4.222	4.222	0.000	98	300880	1000.0	1028.4	
18 Aniline	93	4.238	4.238	0.000	46	337926	1000.0	925.1	
20 Bis(2-chloroethyl)ether	93	4.296	4.297	-0.001	97	234838	1000.0	933.4	
21 2-Chlorophenol	128	4.323	4.324	-0.001	81	335958	1000.0	952.8	
22 n-Decane	57	4.376	4.377	-0.001	88	206734	1000.0	898.6	
23 1,3-Dichlorobenzene	146	4.446	4.447	-0.001	98	391519	1000.0	932.5	
25 1,4-Dichlorobenzene	146	4.505	4.505	0.000	96	404278	1000.0	887.0	
26 Benzyl alcohol	79	4.606	4.607	-0.001	96	170261	1000.0	953.9	
27 1,2-Dichlorobenzene	146	4.622	4.623	-0.001	91	393944	1000.0	923.0	
28 2-Methylphenol	108	4.697	4.692	0.005	57	244020	1000.0	998.0	
29 2,2'-oxybis[1-chloropropane]	45	4.718	4.719	-0.001	45	244319	1000.0	864.4	a
30 Acetophenone	105	4.814	4.810	0.004	90	352416	1000.0	955.5	
31 N-Nitrosodi-n-propylamine	70	4.820	4.815	0.005	77	133223	1000.0	917.7	
32 3 & 4 Methylphenol	108	4.820	4.821	-0.001	87	249241	1000.0	978.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
33 Hexachloroethane	117	4.884	4.885	-0.001	90	158275	1000.0	957.5	
34 Nitrobenzene	77	4.943	4.944	-0.001	87	238839	1000.0	966.9	
35 Isophorone	82	5.140	5.136	0.004	94	396747	1000.0	925.5	
36 2-Nitrophenol	139	5.199	5.200	-0.001	88	172153	1000.0	1035.6	
37 2,4-Dimethylphenol	107	5.242	5.243	-0.001	91	267159	1000.0	921.7	
39 Benzoic acid	105	5.301	5.301	0.000	81	321165	2000.0	1825.1	M
38 Bis(2-chloroethoxy)methane	93	5.322	5.323	-0.001	90	249349	1000.0	927.1	
40 2,4-Dichlorophenol	162	5.391	5.392	-0.001	87	265576	1000.0	1038.9	
41 1,2,4-Trichlorobenzene	180	5.456	5.456	0.000	93	308908	1000.0	1047.0	
42 Naphthalene	128	5.520	5.515	0.005	95	988620	1000.0	1032.8	
43 4-Chloroaniline	127	5.568	5.569	-0.001	83	341475	1000.0	1011.5	
44 2,6-Dichlorophenol	162	5.573	5.574	-0.001	91	258574	1000.0	925.8	
45 Hexachlorobutadiene	225	5.621	5.622	-0.001	92	178258	1000.0	1017.9	
46 4-Chloro-3-methylphenol	107	5.968	5.969	-0.001	89	202834	1000.0	970.7	
47 2-Methylnaphthalene	142	6.081	6.081	0.000	77	648992	1000.0	1032.5	
48 1-Methylnaphthalene	142	6.155	6.156	-0.001	89	610865	1000.0	1023.2	
49 Hexachlorocyclopentadiene	237	6.209	6.210	-0.001	85	178775	1000.0	941.6	
50 1,2,4,5-Tetrachlorobenzene	216	6.214	6.215	-0.001	96	276776	1000.0	977.7	
52 2,4,6-Trichlorophenol	196	6.310	6.311	-0.001	88	169422	1000.0	981.2	
53 2,4,5-Trichlorophenol	196	6.342	6.343	-0.001	94	173973	1000.0	887.3	
54 1,1'-Biphenyl	154	6.465	6.461	0.004	94	756059	1000.0	968.5	
55 2-Chloronaphthalene	162	6.471	6.471	0.000	98	597941	1000.0	975.2	
56 2-Nitroaniline	138	6.567	6.568	-0.001	92	162831	1000.0	952.7	
57 Dimethyl phthalate	163	6.727	6.722	0.005	98	696440	1000.0	1101.3	
58 1,3-Dinitrobenzene	168	6.743	6.744	-0.001	79	84161	1000.0	908.4	
59 2,6-Dinitrotoluene	165	6.770	6.765	0.005	68	154245	1000.0	984.0	
60 Acenaphthylene	152	6.807	6.808	-0.001	92	970857	1000.0	1073.5	
61 3-Nitroaniline	138	6.903	6.904	-0.001	86	146725	1000.0	971.1	
62 Acenaphthene	153	6.951	6.952	-0.001	92	612393	1000.0	972.5	
63 2,4-Dinitrophenol	184	6.989	6.990	-0.001	51	138385	2000.0	1773.8	Ma
64 4-Nitrophenol	109	7.048	7.048	0.000	87	122539	2000.0	1949.2	M
65 2,4-Dinitrotoluene	165	7.096	7.096	0.000	58	195557	1000.0	972.6	
66 Dibenzofuran	168	7.096	7.096	0.000	92	842877	1000.0	1052.8	
51 2,3,5,6-Tetrachlorophenol	232	7.165	7.166	-0.001	88	145761	1000.0	1057.2	
67 2,3,4,6-Tetrachlorophenol	232	7.197	7.198	-0.001	74	169389	1000.0	1049.4	
68 Diethyl phthalate	149	7.304	7.299	0.005	97	742601	1000.0	1064.6	
69 Fluorene	166	7.373	7.374	-0.001	84	694055	1000.0	1089.3	
70 4-Chlorophenyl phenyl ether	204	7.384	7.385	-0.001	92	304238	1000.0	1037.4	
71 4-Nitroaniline	138	7.400	7.401	-0.001	28	123350	1000.0	868.7	
72 4,6-Dinitro-2-methylphenol	198	7.421	7.422	-0.001	80	187903	2000.0	2014.9	
73 N-Nitrosodiphenylamine	169	7.480	7.481	-0.001	59	489856	1000.0	1183.4	
74 Azobenzene	77	7.512	7.513	-0.001	96	498683	1000.0	1159.0	
75 4-Bromophenyl phenyl ether	248	7.785	7.786	-0.001	56	176364	1000.0	1023.3	
76 Hexachlorobenzene	284	7.822	7.818	0.004	85	210966	1000.0	1046.9	
77 Atrazine	200	7.929	7.930	-0.001	91	174821	1000.0	969.8	
78 Pentachlorophenol	266	7.982	7.983	-0.001	82	242672	2000.0	2182.3	
79 n-Octadecane	57	8.084	8.085	-0.001	90	238057	1000.0	965.8	
80 Phenanthrene	178	8.159	8.160	0.000	96	941479	1000.0	1077.3	
81 Anthracene	178	8.201	8.197	0.004	95	966093	1000.0	1065.2	
83 Carbazole	167	8.340	8.336	0.004	82	751750	1000.0	1080.5	
84 Di-n-butyl phthalate	149	8.645	8.646	-0.001	99	1185286	1000.0	1078.8	
85 Fluoranthene	202	9.131	9.132	-0.001	95	1013532	1000.0	1090.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
88 Benzidine	184	9.259	9.260	-0.001	97	470139	2000.0	2132.0	
89 Pyrene	202	9.313	9.313	0.000	99	1071043	1000.0	1122.9	
94 Butyl benzyl phthalate	149	9.873	9.869	0.004	92	513723	1000.0	1035.9	
96 3,3'-Dichlorobenzidine	252	10.322	10.318	0.004	59	558142	2000.0	2010.0	
97 Benzo[a]anthracene	228	10.328	10.323	0.005	97	884089	1000.0	1028.2	
99 Chrysene	228	10.360	10.360	0.000	93	902008	1000.0	995.6	
98 Bis(2-ethylhexyl) phthalate	149	10.392	10.393	0.000	77	708121	1000.0	1107.7	
100 Di-n-octyl phthalate	149	11.059	11.055	0.004	97	1119026	1000.0	1116.2	
101 Benzo[b]fluoranthene	252	11.428	11.424	0.004	94	897702	1000.0	1070.3	
102 Benzofluoranthene	252	11.428	11.456	-0.028	1	1862924	2000.0	2002.1	Ma
103 Benzo[k]fluoranthene	252	11.455	11.456	-0.001	96	1064172	1000.0	1046.9	
104 Benzo[a]pyrene	252	11.797	11.792	0.005	74	900239	1000.0	1166.2	
105 Indeno[1,2,3-cd]pyrene	276	13.164	13.165	-0.001	98	821171	1000.0	1068.2	
106 Dibenz(a,h)anthracene	278	13.207	13.208	-0.001	4	828384	1000.0	1001.4	
107 Benzo[g,h,i]perylene	276	13.490	13.496	-0.006	89	982685	1000.0	1025.9	a

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

icv_8270_1000_00014 Amount Added: 1.00 Units: ml

Report Date: 28-Jan-2022 17:08:16 Chrom Revision: 2.3 18-Jan-2022 20:25:40

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A21_.D

Injection Date: 24-Jan-2022 21:17:30 Instrument ID: TAC051

Lims ID: ICV

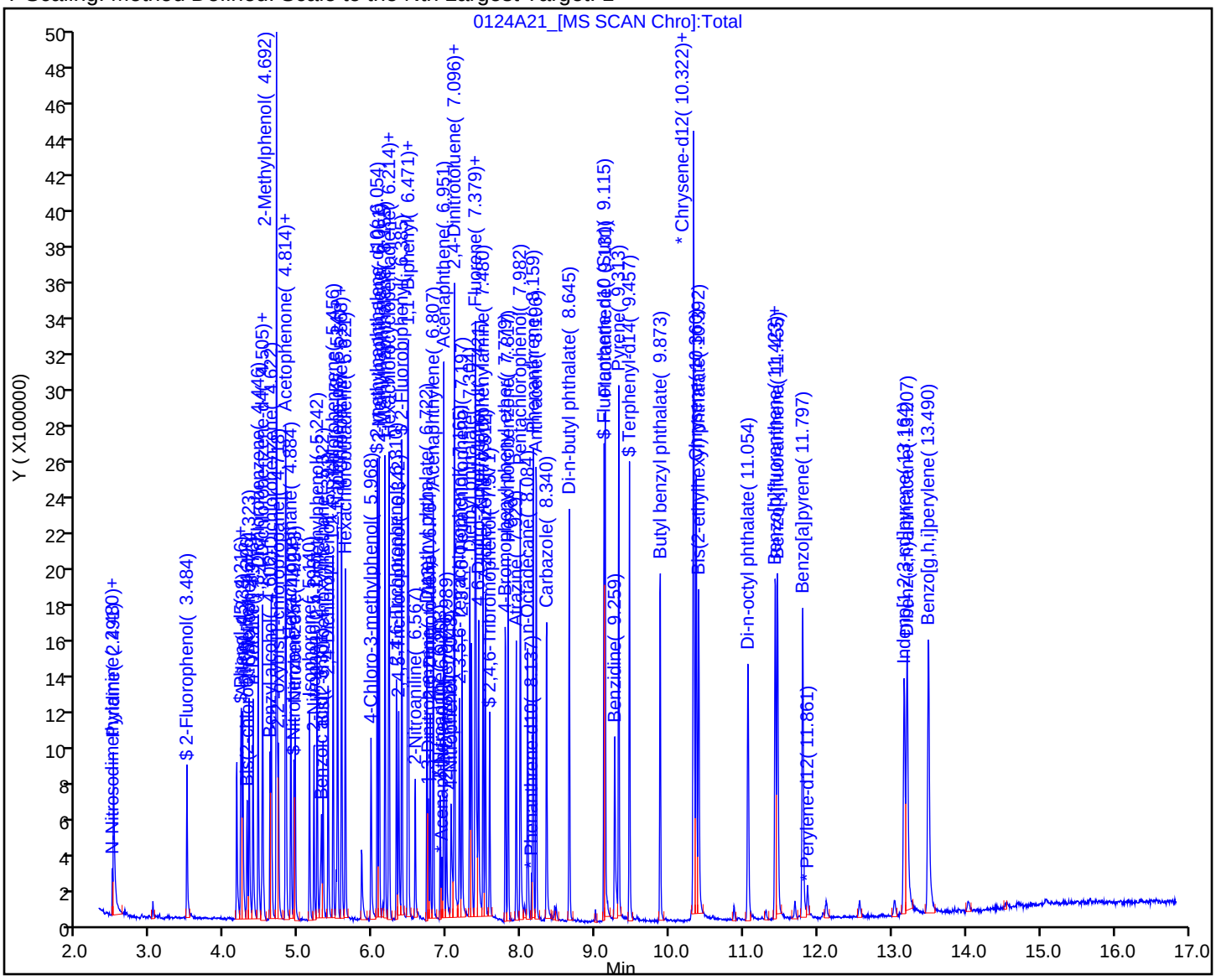
Client ID:

Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

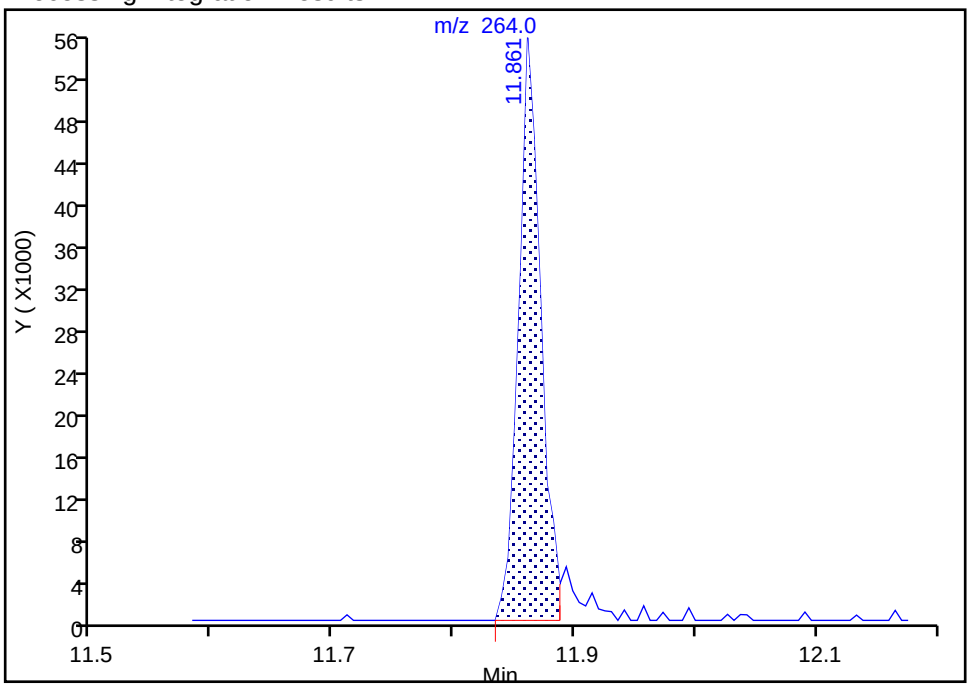
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A21_.D
Injection Date: 24-Jan-2022 21:17:30 Instrument ID: TAC051
Lims ID: ICV
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

* 6 Perylene-d12, CAS: 1520-96-3

Signal: 1

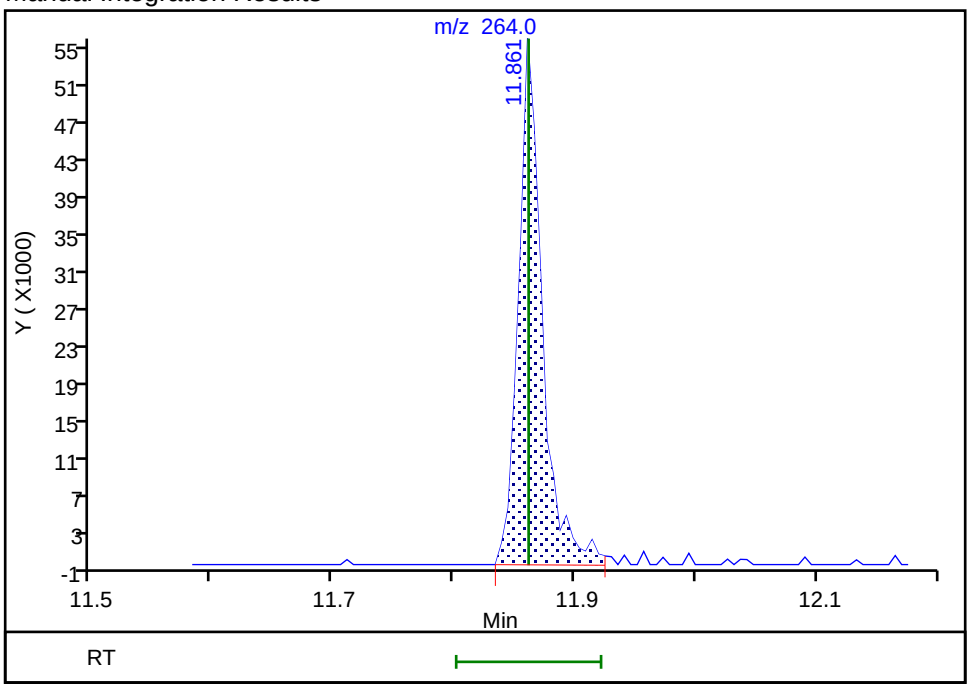
Processing Integration Results

RT: 11.86
Area: 70483
Amount: 100.0000
Amount Units: ug/L



Manual Integration Results

RT: 11.86
Area: 75719
Amount: 100.0000
Amount Units: ug/L



Reviewer: mohammedj, 27-Jan-2022 14:58:13
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Seattle

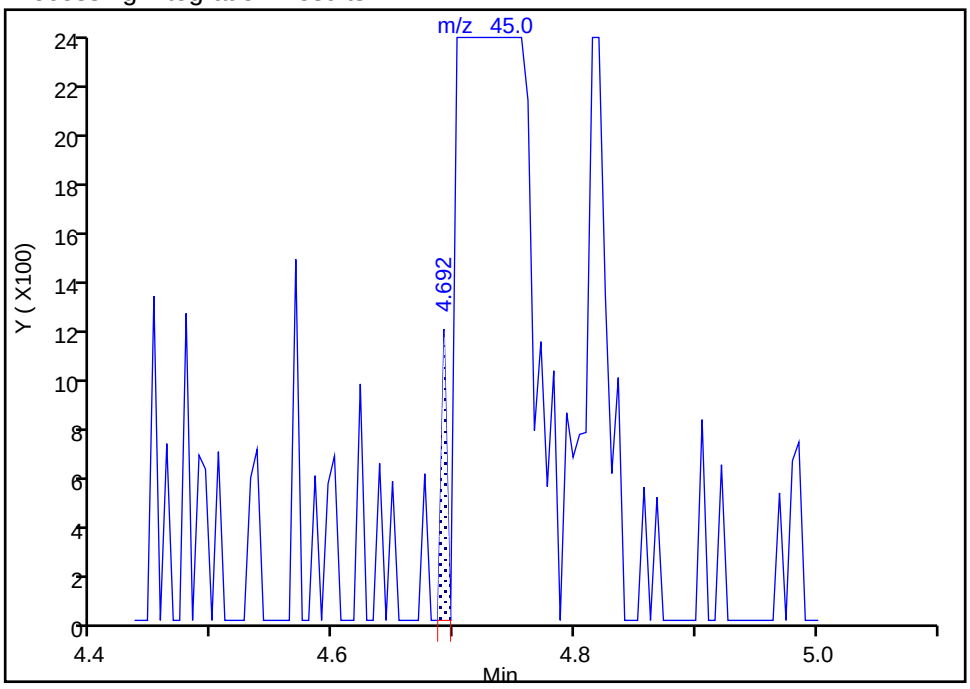
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A21_.D
Injection Date: 24-Jan-2022 21:17:30 Instrument ID: TAC051
Lims ID: ICV
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

29 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

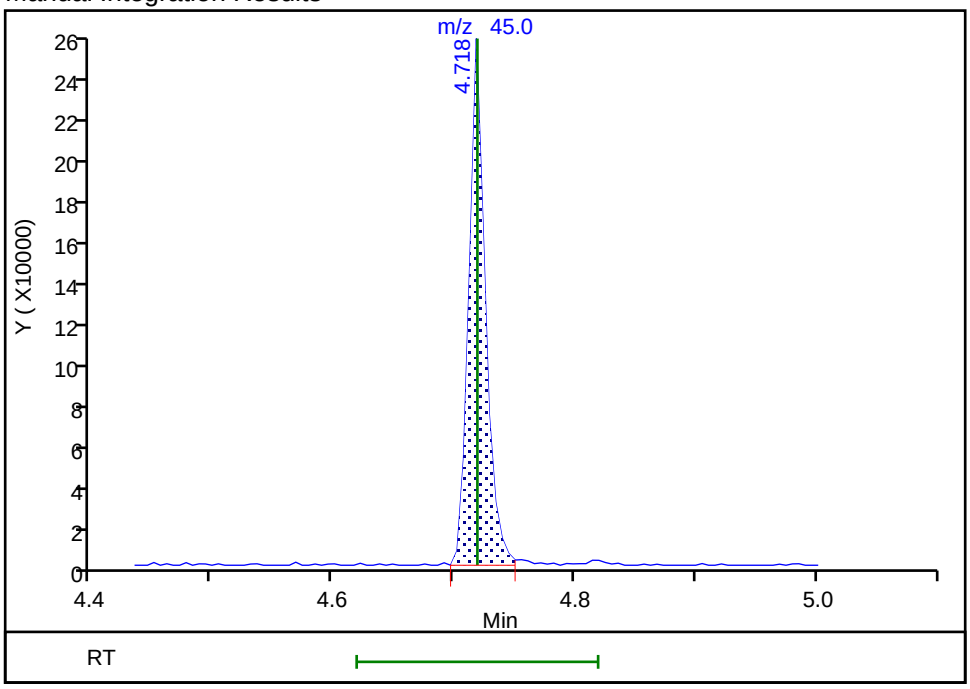
Processing Integration Results

RT: 4.69
Area: 385
Amount: 1.362077
Amount Units: ug/L



Manual Integration Results

RT: 4.72
Area: 244319
Amount: 864.3669
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 12:07:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Seattle

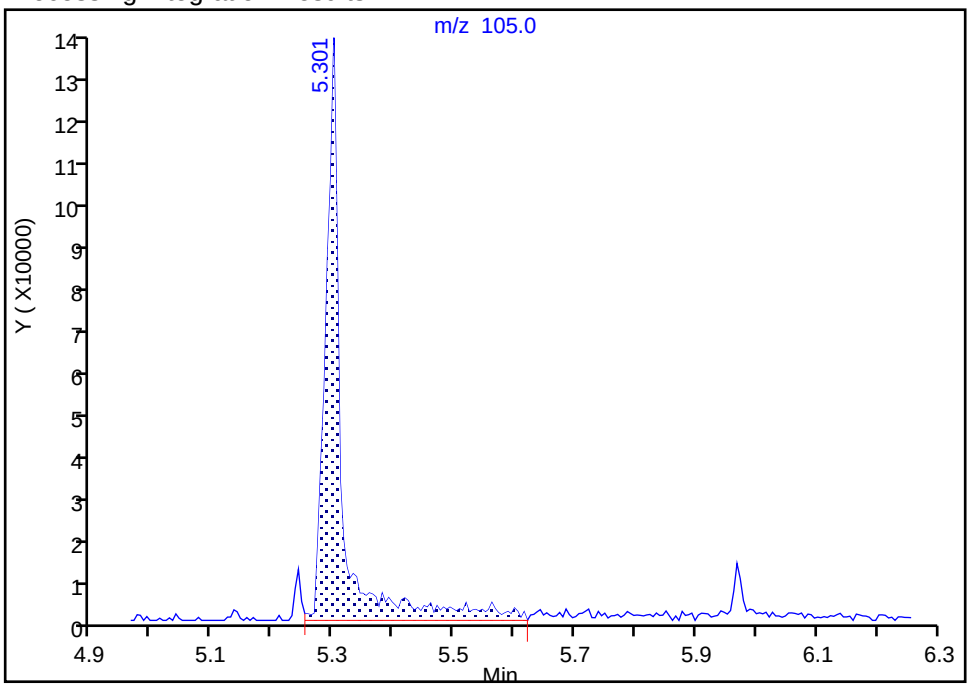
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A21_.D
Injection Date: 24-Jan-2022 21:17:30 Instrument ID: TAC051
Lims ID: ICV
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

39 Benzoic acid, CAS: 65-85-0

Signal: 1

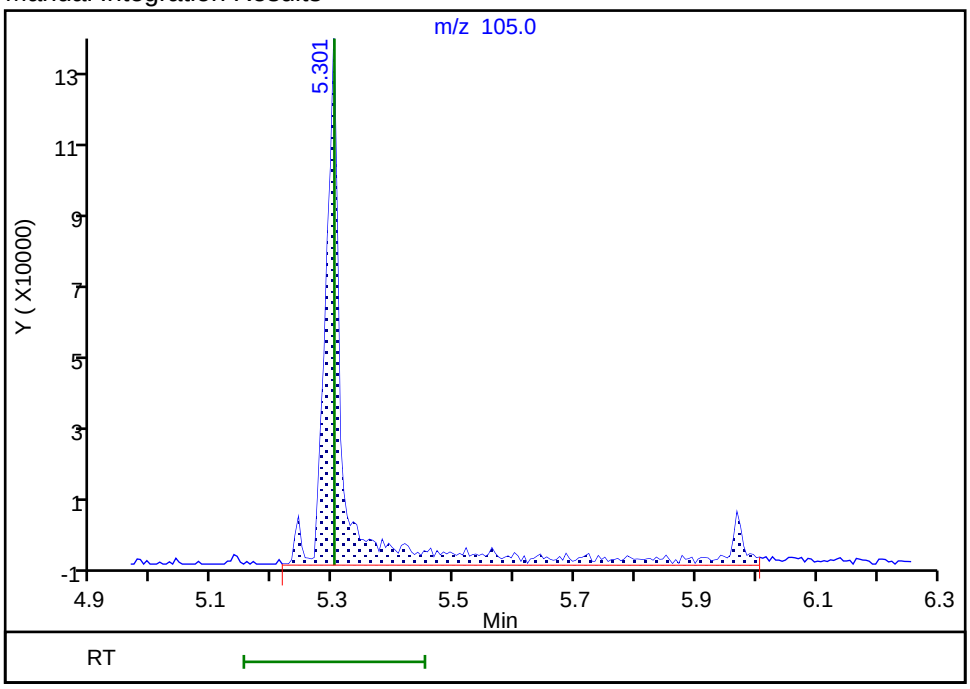
Processing Integration Results

RT: 5.30
Area: 257108
Amount: 1461.6119
Amount Units: ug/L



Manual Integration Results

RT: 5.30
Area: 321165
Amount: 1825.0954
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 12:08:51
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

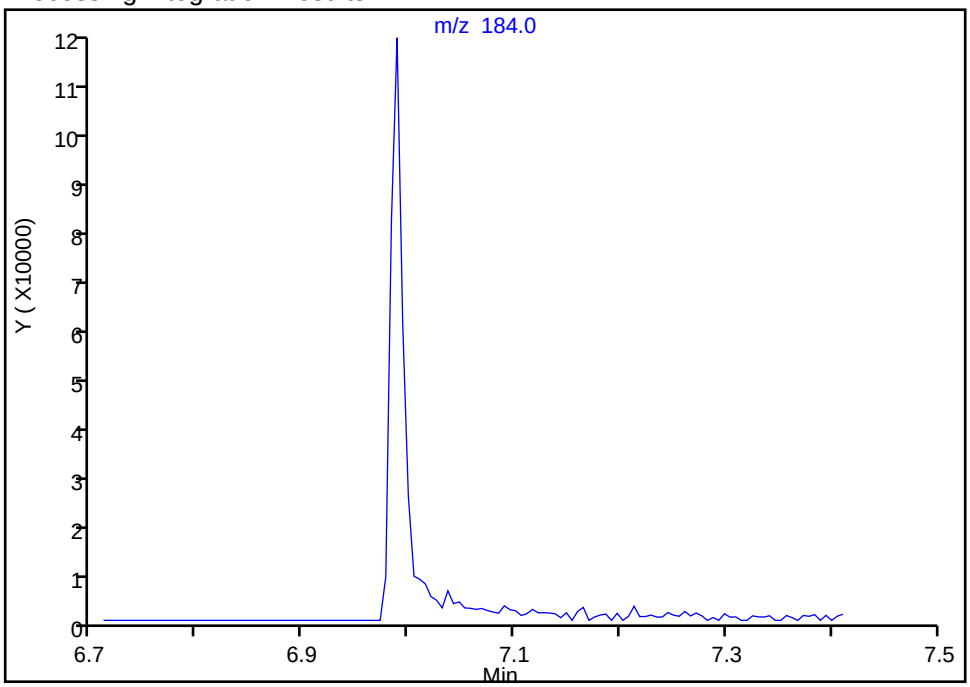
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A21_.D
Injection Date: 24-Jan-2022 21:17:30 Instrument ID: TAC051
Lims ID: ICV
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

63 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

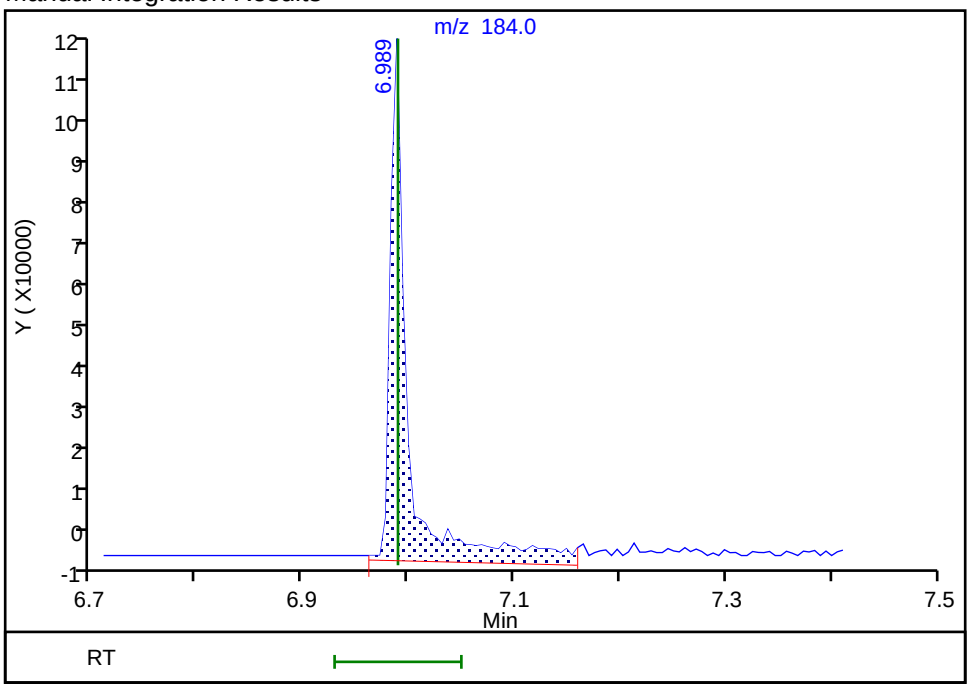
Not Detected
Expected RT: 6.99

Processing Integration Results



Manual Integration Results

RT: 6.99
Area: 138385
Amount: 1773.7909
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 12:09:14
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

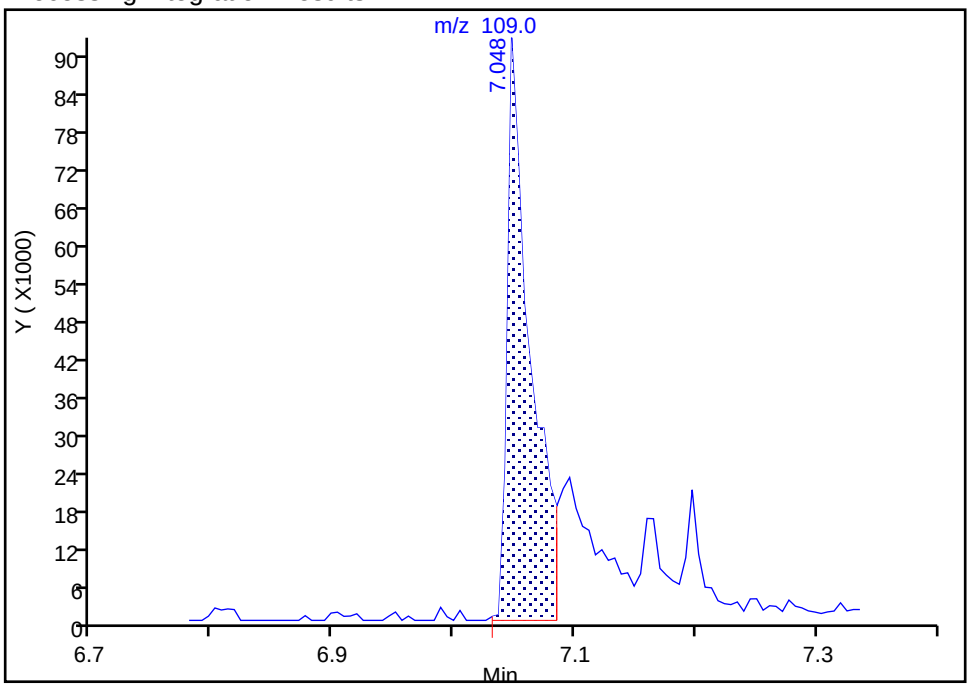
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A21_.D
Injection Date: 24-Jan-2022 21:17:30 Instrument ID: TAC051
Lims ID: ICV
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

64 4-Nitrophenol, CAS: 100-02-7

Signal: 1

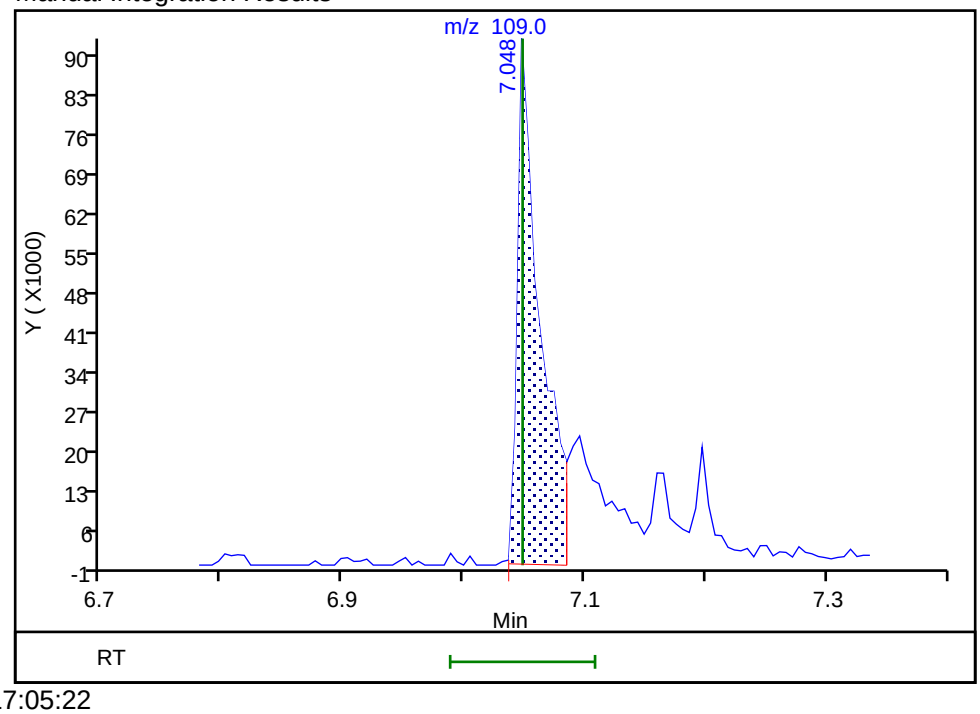
Processing Integration Results

RT: 7.05
Area: 123077
Amount: 1428.9679
Amount Units: ug/L



Manual Integration Results

RT: 7.05
Area: 122539
Amount: 1949.1693
Amount Units: ug/L



Reviewer: boylea, 28-Jan-2022 17:05:22
Audit Action: Manually Integrated Audit Reason: Peak Tail

Eurofins Seattle

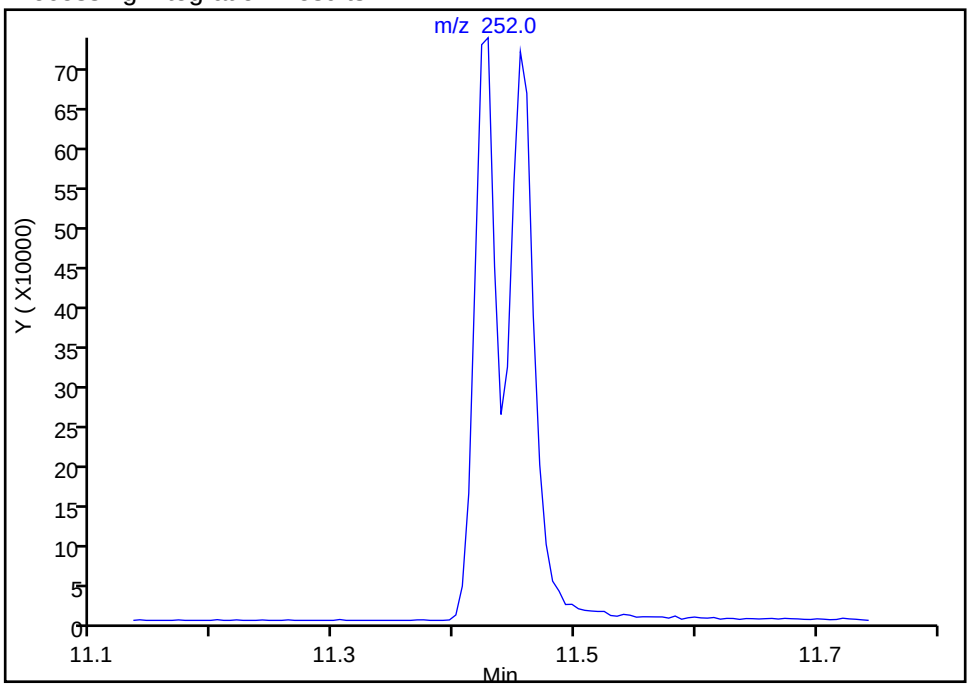
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A21_.D
Injection Date: 24-Jan-2022 21:17:30 Instrument ID: TAC051
Lims ID: ICV
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

102 Benzofluoranthene, CAS: 56832-73-6

Signal: 1

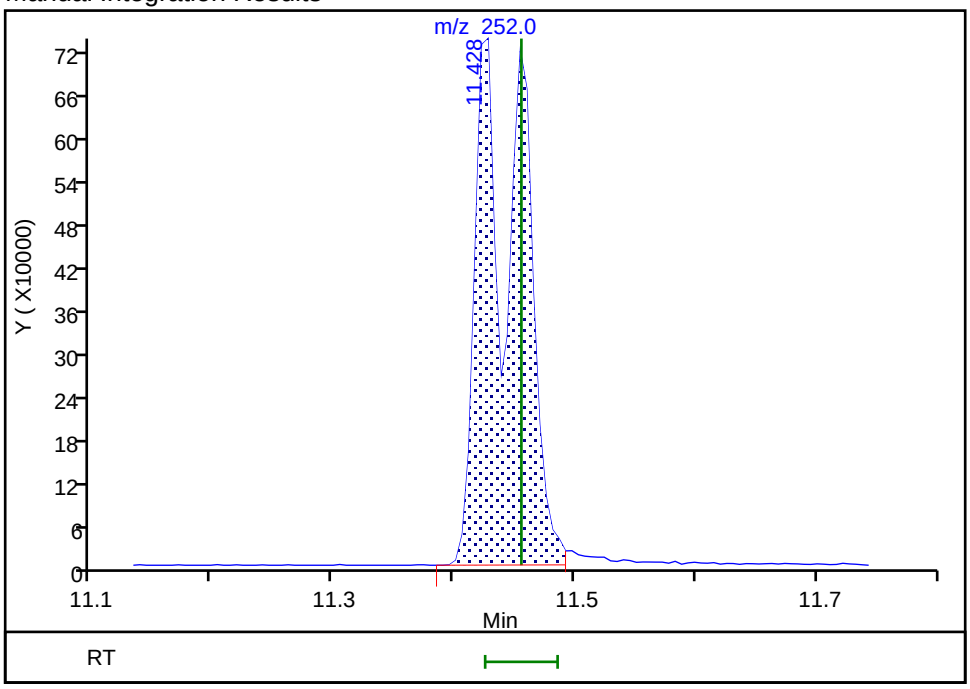
Not Detected
Expected RT: 11.46

Processing Integration Results



Manual Integration Results

RT: 11.43
Area: 1862924
Amount: 2002.0992
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 12:09:47
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

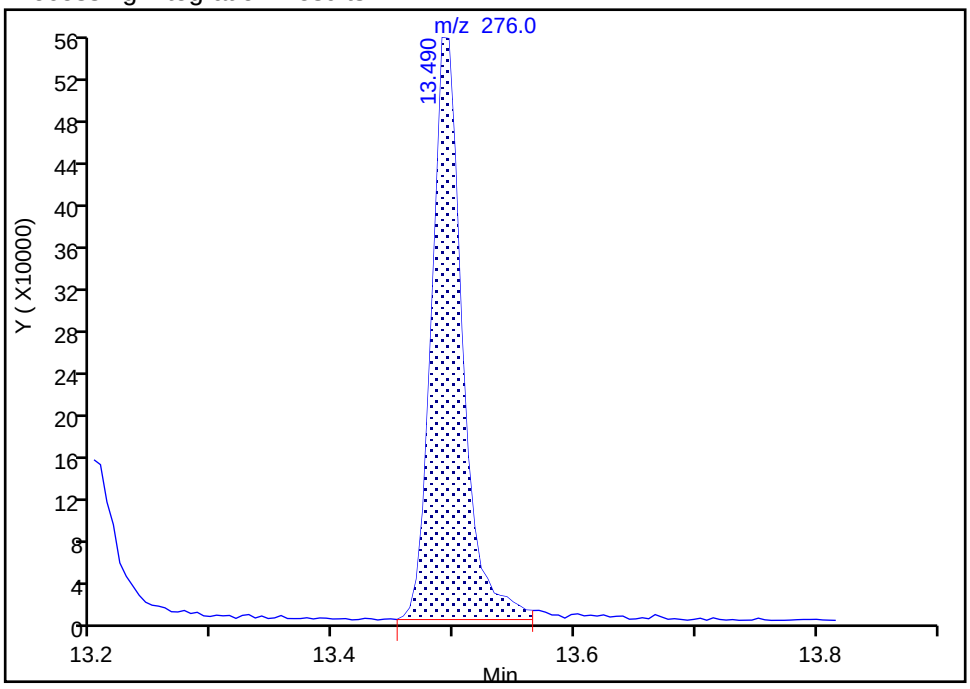
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A21_.D
Injection Date: 24-Jan-2022 21:17:30 Instrument ID: TAC051
Lims ID: ICV
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

107 Benzo[g,h,i]perylene, CAS: 191-24-2

Signal: 1

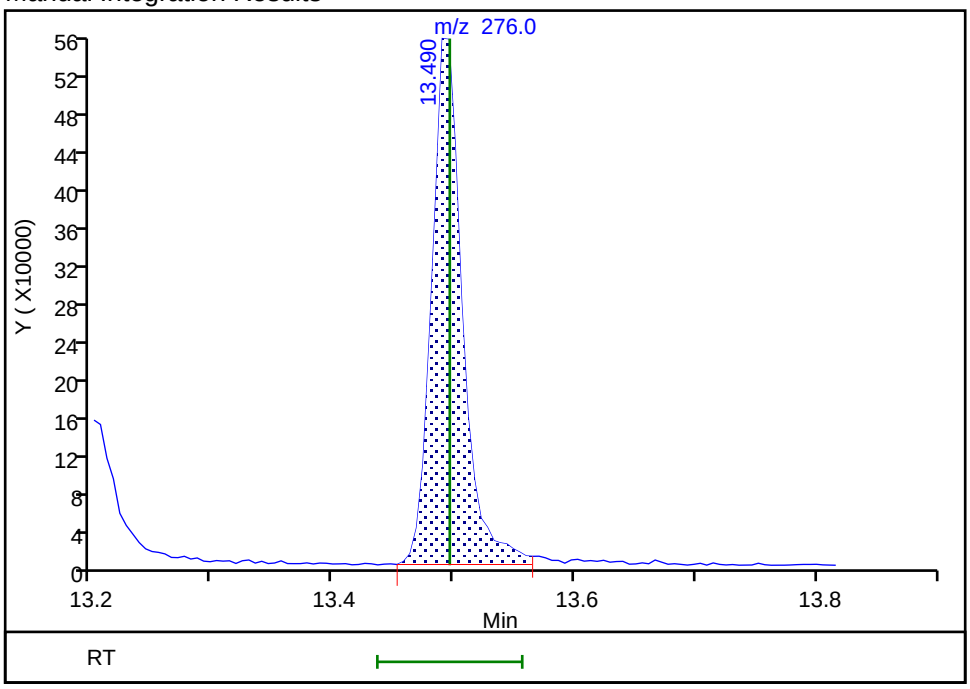
Processing Integration Results

RT: 13.49
Area: 982685
Amount: 1100.9746
Amount Units: ug/L



Manual Integration Results

RT: 13.49
Area: 982685
Amount: 1025.9436
Amount Units: ug/L



Reviewer: limmere, 27-Jan-2022 12:09:59
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Lab Sample ID: CCVIS 580-384307/3 | Calibration Date: 03/18/2022 10:27

Instrument ID: TAC051 | Calib Start Date: 01/24/2022 17:04

GC Column: ZB-SV ID: 0.25(mm) | Calib End Date: 01/24/2022 20:31

Lab File ID: 31822A04.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Lin1		0.3673	0.0100	895	1000	-10.5	20.0
Pyridine	Lin2		0.6596	0.0100	1820	2000	-9.0	20.0
Aniline	Lin1		1.029	0.0100	822	1000	-17.8	20.0
Phenol	Ave	1.004	0.8307	0.8000	827	1000	-17.3	20.0
Bis(2-chloroethyl)ether	Ave	0.8637	0.7725	0.7000	894	1000	-10.6	20.0
2-Chlorophenol	Ave	1.210	1.310	0.8000	1080	1000	8.3	20.0
n-Decane	Ave	0.7898	0.6512		824	1000	-17.6	20.0
1,3-Dichlorobenzene	Ave	1.441	1.411	0.0100	979	1000	-2.1	20.0
1,4-Dichlorobenzene	Ave	1.565	1.479	0.0100	945	1000	-5.5	20.0
1,2-Dichlorobenzene	Ave	1.465	1.422	0.0100	970	1000	-3.0	20.0
Benzyl alcohol	Lin2		0.5646	0.0100	922	1000	-7.8	20.0
2,2'-oxybis[1-chloropropane]	Ave	0.9704	0.8278	0.0100	853	1000	-14.7	20.0
2-Methylphenol	Ave	0.8394	0.8332	0.7000	993	1000	-0.7	20.0
Acetophenone	Ave	1.266	1.201	0.0100	948	1000	-5.2	20.0
N-Nitrosodi-n-propylamine	Ave	0.4984	0.4773*	0.5000	958	1000	-4.2	20.0
3 & 4 Methylphenol	Lin2		0.8528	0.6000	975	1000	-2.5	20.0
Hexachloroethane	Ave	0.5675	0.5842	0.3000	1030	1000	2.9	20.0
Nitrobenzene	Lin2		0.8043	0.2000	949	1000	-5.1	20.0
Isophorone	Ave	1.472	1.408	0.4000	957	1000	-4.3	20.0
2-Nitrophenol	Lin2		0.1771	0.1000	1030	1000	2.8	20.0
2,4-Dimethylphenol	Lin1		1.009	0.2000	1010	1000	1.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.9233	0.8976	0.3000	972	1000	-2.8	20.0
Benzoic acid	Lin1		0.1653	0.0100	1810	2000	-9.3	20.0
2,4-Dichlorophenol	Lin1		0.2708	0.2000	1020	1000	2.2	20.0
1,2,4-Trichlorobenzene	Ave	0.3058	0.2842	0.0100	929	1000	-7.1	20.0
Naphthalene	Qua2		0.9648	0.7000	970	1000	-3.0	20.0
2,6-Dichlorophenol	Qua1		0.5272	0.0100	1020	1000	1.6	20.0
4-Chloroaniline	Lin1		0.2857	0.0100	821	1000	-17.9	20.0
Hexachlorobutadiene	Ave	0.1815	0.1710	0.0100	942	1000	-5.8	20.0
4-Chloro-3-methylphenol	Lin2		0.4163	0.2000	1070	1000	6.8	20.0
2-Methylnaphthalene	Ave	0.6515	0.6579	0.4000	1010	1000	1.0	20.0
1-Methylnaphthalene	Ave	0.6188	0.6258	0.0100	1010	1000	1.1	20.0
Hexachlorocyclopentadiene	Ave	0.3528	0.3170	0.0500	898	1000	-10.2	20.0
1,2,4,5-Tetrachlorobenzene	Qua		0.5291		1010	1000	0.6	20.0
2,4,6-Trichlorophenol	Lin2		0.3456	0.2000	1070	1000	7.4	20.0
2,4,5-Trichlorophenol	Lin1		0.3666	0.2000	1000	1000	0.0	20.0
1,1'-Biphenyl	Ave	1.451	1.515	0.0100	1040	1000	4.4	20.0
2-Chloronaphthalene	Ave	1.139	1.133	0.8000	994	1000	-0.6	20.0
2-Nitroaniline	Qua2		0.3740	0.0100	1160	1000	15.9	20.0
Dimethyl phthalate	Lin1		1.326	0.0100	1130	1000	12.9	20.0
2,6-Dinitrotoluene	Lin1		0.3146	0.2000	1080	1000	7.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Lab Sample ID: CCVIS 580-384307/3 | Calibration Date: 03/18/2022 10:27

Instrument ID: TAC051 | Calib Start Date: 01/24/2022 17:04

GC Column: ZB-SV ID: 0.25(mm) | Calib End Date: 01/24/2022 20:31

Lab File ID: 31822A04.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Qua2		1.822	0.9000	1080	1000	8.5	20.0
3-Nitroaniline	Lin2		0.2705	0.0100	964	1000	-3.6	20.0
Acenaphthene	Ave	1.170	1.218	0.9000	1040	1000	4.1	20.0
2,4-Dinitrophenol	Lin1		0.1388	0.0100	1880	2000	-6.0	20.0
Dibenzofuran	Ave	1.488	1.615	0.8000	1090	1000	8.5	20.0
2,4-Dinitrotoluene	Lin2		0.4017	0.2000	1070	1000	6.9	20.0
4-Nitrophenol	Lin1		0.1443	0.0100	2260	2000	13.0	20.0
2,3,5,6-Tetrachlorophenol	Lin2		0.2691	0.0100	1050	1000	5.0	20.0
2,3,4,6-Tetrachlorophenol	Lin2		0.2978	0.0100	994	1000	-0.6	20.0
Diethyl phthalate	Ave	1.296	1.459	0.0100	1130	1000	12.6	20.0
Fluorene	Ave	1.184	1.337	0.9000	1130	1000	12.9	20.0
4-Chlorophenyl phenyl ether	Ave	0.5450	0.5879	0.4000	1080	1000	7.9	20.0
4-Nitroaniline	Lin1		0.2334	0.0100	883	1000	-11.7	20.0
4,6-Dinitro-2-methylphenol	Lin1		0.1181	0.0100	1980	2000	-1.1	20.0
N-Nitrosodiphenylamine	Ave	0.5309	0.6140	0.0100	1160	1000	15.7	20.0
Azobenzene	Lin2		0.5725		1040	1000	3.8	20.0
4-Bromophenyl phenyl ether	Qua2		0.2201	0.1000	996	1000	-0.4	20.0
Hexachlorobenzene	Ave	0.2584	0.2673	0.1000	1030	1000	3.4	20.0
Atrazine	Lin2		0.3521	0.0100	1050	1000	4.9	20.0
Pentachlorophenol	Lin2		0.1318	0.0500	1870	2000	-6.5	20.0
n-Octadecane	Qua1		0.2923		924	1000	-7.6	20.0
Phenanthrene	Qua2		1.157	0.7000	1030	1000	3.1	20.0
Anthracene	Qua1		1.184	0.7000	1020	1000	1.7	20.0
Carbazole	Qua1		1.015	0.0100	1140	1000	14.0	20.0
Di-n-butyl phthalate	Qua1		1.473	0.0100	1040	1000	4.4	20.0
Fluoranthene	Qua1		1.233	0.6000	1030	1000	3.2	20.0
Benzidine	Lin1		0.2259	0.0100	1620	2000	-19.0	20.0
Pyrene	Qua1		1.226	0.6000	997	1000	-0.3	20.0
Butyl benzyl phthalate	Qua1		0.7491	0.0100	1040	1000	3.9	20.0
3,3'-Dichlorobenzidine	Qua1		0.4325	0.0100	2140	2000	7.1	20.0
Benzo[a]anthracene	Qua1		1.188	0.8000	949	1000	-5.1	20.0
Chrysene	Qua2		1.196	0.7000	904	1000	-9.6	20.0
Bis(2-ethylhexyl) phthalate	Qua2		1.074	0.0100	1150	1000	15.5	20.0
Di-n-octyl phthalate	Ave	1.324	1.610	0.0100	1220	1000	21.6*	20.0
Benzo[b]fluoranthene	Lin2		1.161	0.7000	1050	1000	4.8	20.0
Benzo[k]fluoranthene	Ave	1.342	1.243	0.7000	926	1000	-7.4	20.0
Benzofluoranthene	Ave	1.229	1.178		1920	2000	-4.2	20.0
Benzo[a]pyrene	Lin2		1.033	0.7000	1010	1000	1.4	20.0
Indeno[1,2,3-cd]pyrene	Lin1		1.024	0.5000	1010	1000	0.9	20.0
Dibenz(a,h)anthracene	Lin2		1.105	0.4000	1010	1000	1.1	20.0
Benzo[g,h,i]perylene	Qua1		1.153	0.5000	909	1000	-9.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Lab Sample ID: CCVIS 580-384307/3 | Calibration Date: 03/18/2022 10:27

Instrument ID: TAC051 | Calib Start Date: 01/24/2022 17:04

GC Column: ZB-SV ID: 0.25(mm) | Calib End Date: 01/24/2022 20:31

Lab File ID: 31822A04.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Fluorophenol (Surr)	Lin2		0.8887		957	1000	-4.3	20.0
Phenol-d5 (Surr)	Lin1		1.020		990	1000	-1.0	20.0
Nitrobenzene-d5 (Surr)	Ave	0.2380	0.2291		963	1000	-3.7	20.0
2-Fluorobiphenyl	Ave	1.330	1.343		1010	1000	1.0	20.0
2,4,6-Tribromophenol (Surr)	Lin1		0.1515	0.0100	1120	1000	11.5	20.0
Terphenyl-d14 (Surr)	Ave	0.7490	0.8012		1070	1000	7.0	20.0

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A04.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 18-Mar-2022 10:27:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: TL Instrument ID: TAC051
Sublist: chrom-8270 TAC051*sub34

Method: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 18-Mar-2022 20:14:35 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1663

First Level Reviewer: boylea Date: 18-Mar-2022 20:14:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.454	4.454	0.000	88	35325	100.0	100.0	
* 2 Naphthalene-d8	136	5.469	5.469	0.000	94	130325	100.0	100.0	
* 3 Acenaphthene-d10	164	6.895	6.895	0.000	87	68005	100.0	100.0	
* 4 Phenanthrene-d10	188	8.108	8.108	0.000	93	105144	100.0	100.0	
* 5 Chrysene-d12	240	10.309	10.309	0.000	67	94422	100.0	100.0	
* 6 Perylene-d12	264	11.831	11.831	0.000	92	101230	100.0	100.0	
$ 7 2-Fluorophenol	112	3.471	3.471	0.000	84	313943	1000.0	957.3	
$ 8 Phenol-d5	99	4.224	4.224	0.000	98	360466	1000.0	990.4	
$ 9 Nitrobenzene-d5	82	4.897	4.897	0.000	85	298604	1000.0	962.6	
$ 10 2-methylnaphthalene-d10	152	6.019	6.019	0.000	0	756057	NC	NC	
$ 11 2-Fluorobiphenyl	172	6.356	6.356	0.000	99	913508	1000.0	1010.2	
$ 12 2,4,6-Tribromophenol	330	7.547	7.547	0.000	84	159339	1000.0	1115.1	
$ 13 Fluoranthene-d10 (Surr)	212	9.085	9.085	0.000	0	1114901	NC	NC	
$ 14 Terphenyl-d14	244	9.433	9.433	0.000	99	842381	1000.0	1069.7	
15 1,4-Dioxane	88	2.328	2.328	0.000	13	2371	NC	NC	
16 N-Nitrosodimethylamine	74	2.408	2.408	0.000	72	129761	1000.0	895.1	
17 Pyridine	79	2.413	2.413	0.000	89	466020	2000.0	1819.3	
18 Aniline	93	4.203	4.203	0.000	98	363631	1000.0	821.5	M
19 Phenol	94	4.229	4.229	0.000	97	293460	1000.0	827.1	
20 Bis(2-chloroethyl)ether	93	4.256	4.256	0.000	92	272872	1000.0	894.3	
21 2-Chlorophenol	128	4.304	4.304	0.000	86	462929	1000.0	1082.6	
22 n-Decane	57	4.331	4.331	0.000	91	230023	1000.0	824.5	
23 1,3-Dichlorobenzene	146	4.406	4.406	0.000	96	498395	1000.0	978.8	
25 1,4-Dichlorobenzene	146	4.464	4.464	0.000	96	522481	1000.0	945.3	
27 1,2-Dichlorobenzene	146	4.582	4.582	0.000	97	502328	1000.0	970.5	
26 Benzyl alcohol	79	4.582	4.582	0.000	53	199447	1000.0	921.7	
29 2,2'-oxybis[1-chloropropane]	45	4.683	4.683	0.000	72	292424	1000.0	853.1	
28 2-Methylphenol	108	4.694	4.694	0.000	87	294340	1000.0	992.7	
30 Acetophenone	105	4.780	4.780	0.000	93	424215	1000.0	948.4	
31 N-Nitrosodi-n-propylamine	70	4.785	4.785	0.000	92	168616	1000.0	957.8	
32 3 & 4 Methylphenol	108	4.822	4.822	0.000	98	301239	1000.0	975.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
33 Hexachloroethane	117	4.844	4.844	0.000	91	206359	1000.0	1029.5	
34 Nitrobenzene	77	4.913	4.913	0.000	86	284125	1000.0	948.6	
35 Isophorone	82	5.106	5.106	0.000	93	497305	1000.0	956.5	
36 2-Nitrophenol	139	5.170	5.170	0.000	83	230749	1000.0	1027.7	
37 2,4-Dimethylphenol	107	5.234	5.234	0.000	91	356524	1000.0	1013.7	
38 Bis(2-chloroethoxy)methane	93	5.293	5.293	0.000	94	317085	1000.0	972.2	
39 Benzoic acid	105	5.319	5.319	0.000	79	430783	2000.0	1814.7	
40 2,4-Dichlorophenol	162	5.383	5.383	0.000	86	352873	1000.0	1022.2	
41 1,2,4-Trichlorobenzene	180	5.426	5.426	0.000	93	370387	1000.0	929.4	
42 Naphthalene	128	5.485	5.485	0.000	96	1257325	1000.0	970.1	
43 4-Chloroaniline	127	5.549	5.549	0.000	69	372329	1000.0	821.3	
44 2,6-Dichlorophenol	162	5.549	5.549	0.000	95	358553	1000.0	1016.0	
45 Hexachlorobutadiene	225	5.586	5.586	0.000	90	222862	1000.0	942.2	
46 4-Chloro-3-methylphenol	107	5.976	5.976	0.000	85	283084	1000.0	1068.1	
47 2-Methylnaphthalene	142	6.046	6.046	0.000	82	857364	1000.0	1009.8	
48 1-Methylnaphthalene	142	6.126	6.126	0.000	90	815589	1000.0	1011.4	
49 Hexachlorocyclopentadiene	237	6.174	6.174	0.000	91	215547	1000.0	898.4	
50 1,2,4,5-Tetrachlorobenzene	216	6.185	6.185	0.000	93	359799	1000.0	1006.3	
52 2,4,6-Trichlorophenol	196	6.297	6.297	0.000	85	235049	1000.0	1074.1	
53 2,4,5-Trichlorophenol	196	6.345	6.345	0.000	92	249288	1000.0	1000.1	
54 1,1'-Biphenyl	154	6.430	6.430	0.000	94	1030416	1000.0	1044.4	
55 2-Chloronaphthalene	162	6.441	6.441	0.000	97	770413	1000.0	994.3	
56 2-Nitroaniline	138	6.548	6.548	0.000	90	254308	1000.0	1159.0	
57 Dimethyl phthalate	163	6.697	6.697	0.000	98	901919	1000.0	1128.6	
58 1,3-Dinitrobenzene	168	6.724	6.724	0.000	77	133247	1000.0	1105.8	
59 2,6-Dinitrotoluene	165	6.746	6.746	0.000	64	213915	1000.0	1076.6	
60 Acenaphthylene	152	6.778	6.778	0.000	92	1239330	1000.0	1084.6	
61 3-Nitroaniline	138	6.890	6.890	0.000	83	183986	1000.0	964.1	
62 Acenaphthene	153	6.922	6.922	0.000	90	828171	1000.0	1040.6	
63 2,4-Dinitrophenol	184	6.970	6.970	0.000	87	188728	2000.0	1880.3	a
66 Dibenzofuran	168	7.066	7.066	0.000	87	1098224	1000.0	1085.4	
65 2,4-Dinitrotoluene	165	7.071	7.071	0.000	82	273202	1000.0	1068.8	
64 4-Nitrophenol	109	7.093	7.093	0.000	4	196320	2000.0	2260.8	a
51 2,3,5,6-Tetrachlorophenol	232	7.146	7.146	0.000	81	182984	1000.0	1050.4	
67 2,3,4,6-Tetrachlorophenol	232	7.184	7.184	0.000	69	202526	1000.0	994.2	
68 Diethyl phthalate	149	7.274	7.274	0.000	98	992270	1000.0	1125.6	
69 Fluorene	166	7.344	7.344	0.000	82	909006	1000.0	1128.9	
70 4-Chlorophenyl phenyl ether	204	7.355	7.355	0.000	91	399823	1000.0	1078.8	
71 4-Nitroaniline	138	7.392	7.392	0.000	87	158743	1000.0	883.5	
72 4,6-Dinitro-2-methylphenol	198	7.403	7.403	0.000	89	248274	2000.0	1978.0	
73 N-Nitrosodiphenylamine	169	7.456	7.456	0.000	61	645585	1000.0	1156.6	
74 Azobenzene	77	7.483	7.483	0.000	93	601984	1000.0	1037.9	
75 4-Bromophenyl phenyl ether	248	7.755	7.755	0.000	54	231391	1000.0	995.6	
76 Hexachlorobenzene	284	7.787	7.787	0.000	83	281076	1000.0	1034.4	
77 Atrazine	200	7.905	7.905	0.000	91	239430	1000.0	1049.4	
78 Pentachlorophenol	266	7.969	7.969	0.000	87	277212	2000.0	1870.8	
79 n-Octadecane	57	8.049	8.049	0.000	89	307382	1000.0	924.3	
80 Phenanthrene	178	8.129	8.129	0.000	96	1216706	1000.0	1030.8	
81 Anthracene	178	8.172	8.172	0.000	96	1245364	1000.0	1016.7	
83 Carbazole	167	8.321	8.321	0.000	82	1067660	1000.0	1139.5	M
84 Di-n-butyl phthalate	149	8.615	8.615	0.000	99	1548794	1000.0	1043.8	
85 Fluoranthene	202	9.101	9.101	0.000	96	1295953	1000.0	1031.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
88 Benzidine	184	9.240	9.240	0.000	97	474946	2000.0	1619.1	
89 Pyrene	202	9.288	9.288	0.000	98	1288852	1000.0	997.1	
94 Butyl benzyl phthalate	149	9.844	9.844	0.000	92	707348	1000.0	1038.9	
97 Benzo[a]anthracene	228	10.298	10.298	0.000	99	1121495	1000.0	948.8	
96 3,3'-Dichlorobenzidine	252	10.298	10.298	0.000	62	816739	2000.0	2142.2	
99 Chrysene	228	10.330	10.330	0.000	93	1129055	1000.0	903.9	
98 Bis(2-ethylhexyl) phthalate	149	10.362	10.362	0.000	76	1014506	1000.0	1155.0	
100 Di-n-octyl phthalate	149	11.019	11.019	0.000	97	1629379	1000.0	1215.7	M
101 Benzo[b]fluoranthene	252	11.393	11.393	0.000	94	1175106	1000.0	1048.0	
102 Benzofluoranthene	252	11.425	11.425	0.000	1	2384087	2000.0	1916.5	a
103 Benzo[k]fluoranthene	252	11.425	11.425	0.000	93	1258264	1000.0	925.9	
104 Benzo[a]pyrene	252	11.767	11.767	0.000	74	1046006	1000.0	1014.2	
105 Indeno[1,2,3-cd]pyrene	276	13.129	13.129	0.000	98	1036403	1000.0	1009.0	
106 Dibenz(a,h)anthracene	278	13.167	13.167	0.000	1	1118695	1000.0	1011.4	
107 Benzo[g,h,i]perylene	276	13.461	13.461	0.000	94	1166725	1000.0	909.3	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ccv_8270_1000_00057 Amount Added: 1.00 Units: mL

Report Date: 18-Mar-2022 20:14:36 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A04.D

Injection Date: 18-Mar-2022 10:27:30 Instrument ID: TAC051

Lims ID: ccvis

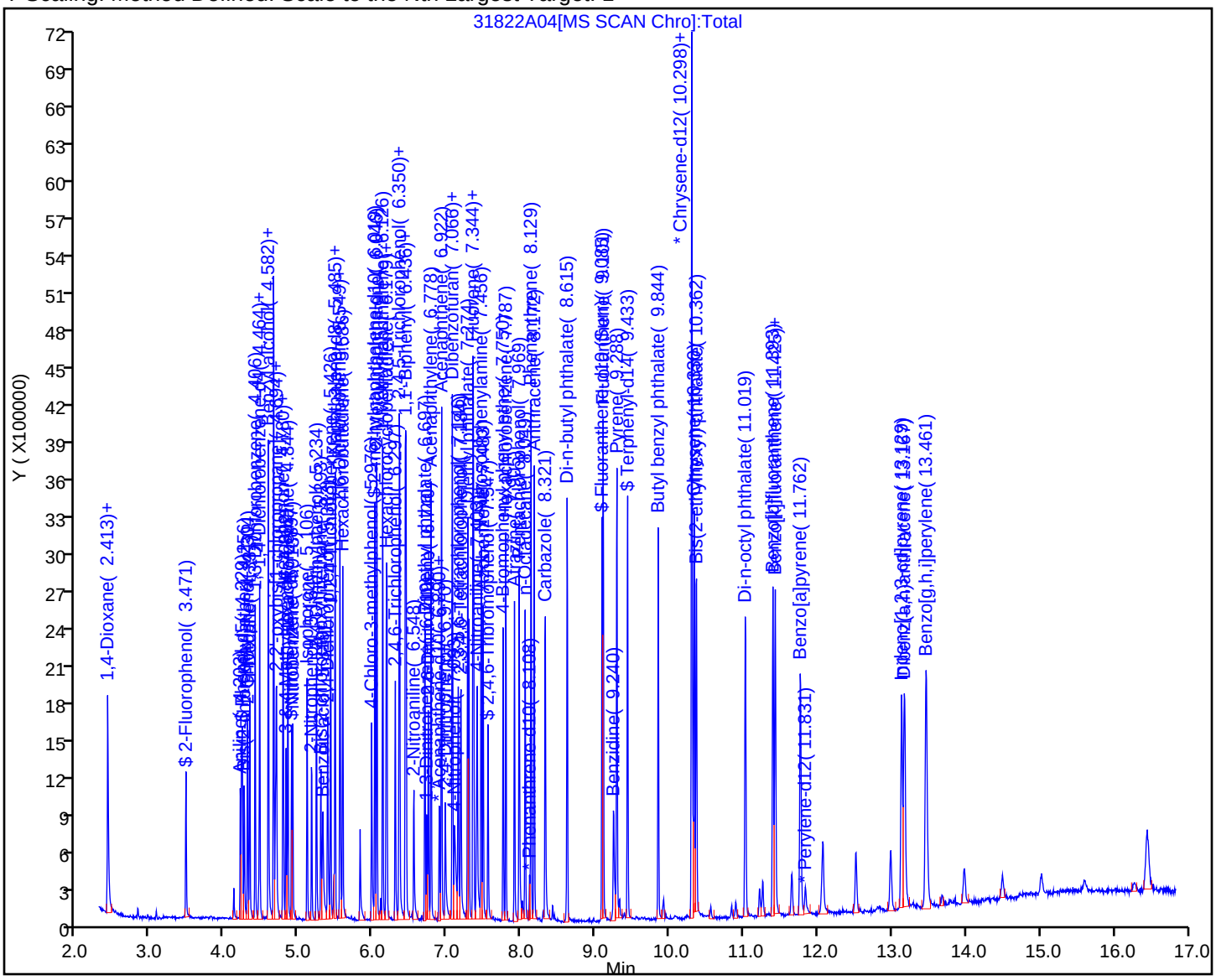
Client ID:

Operator ID: TL ALS Bottle#: 3 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

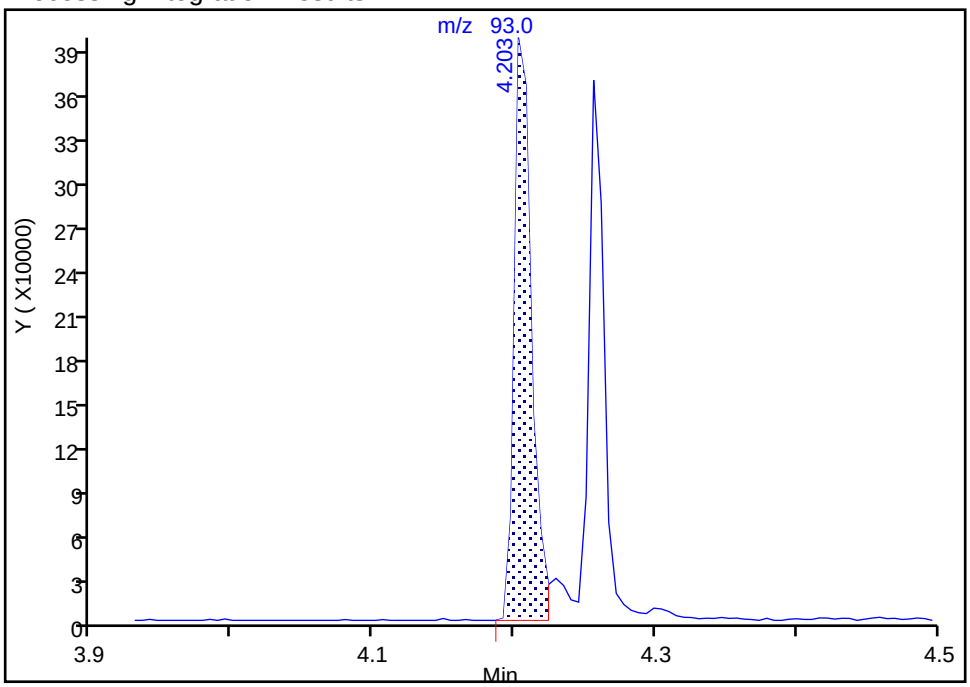
Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A04.D
Injection Date: 18-Mar-2022 10:27:30 Instrument ID: TAC051
Lims ID: ccvis
Client ID:
Operator ID: TL ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

18 Aniline, CAS: 62-53-3

Signal: 1

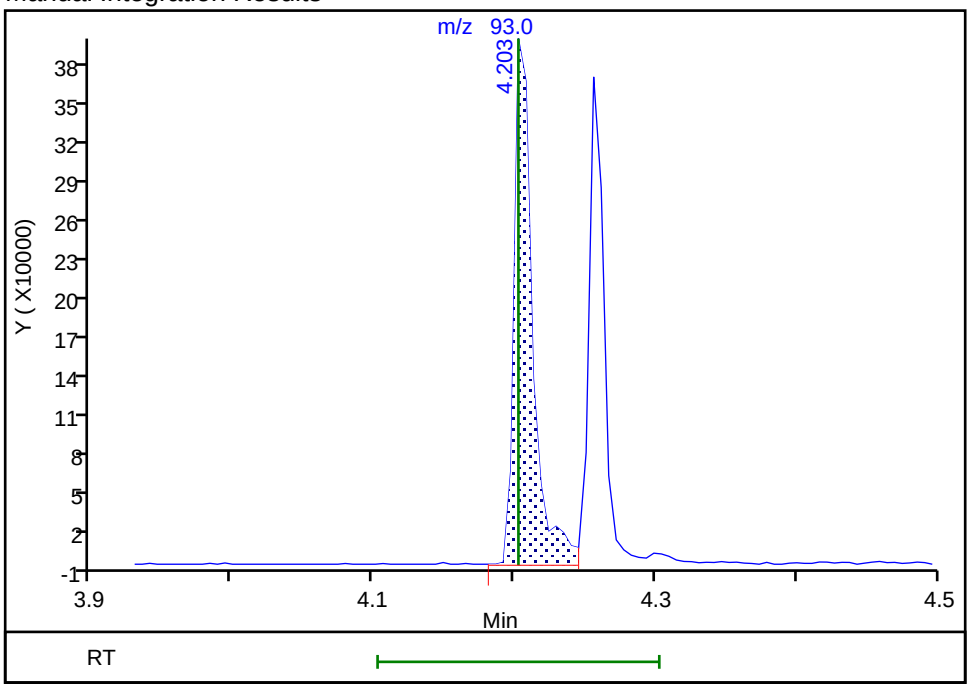
Processing Integration Results

RT: 4.20
Area: 335600
Amount: 758.6240
Amount Units: ug/L



Manual Integration Results

RT: 4.20
Area: 363631
Amount: 821.5036
Amount Units: ug/L



Reviewer: limmere, 18-Mar-2022 11:47:06
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

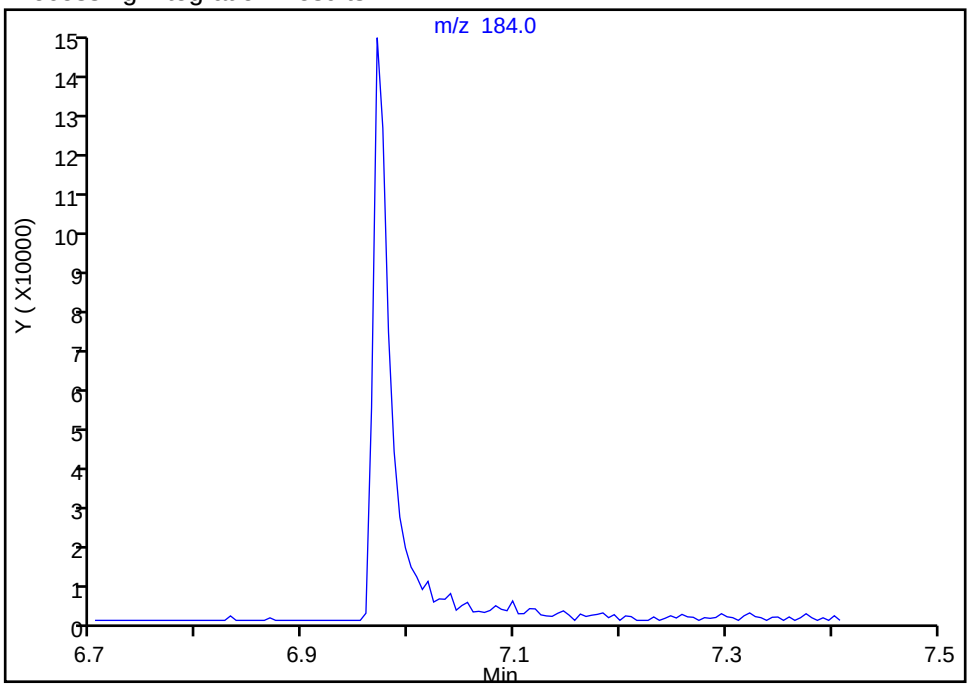
Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A04.D
Injection Date: 18-Mar-2022 10:27:30 Instrument ID: TAC051
Lims ID: ccvis
Client ID:
Operator ID: TL ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

63 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

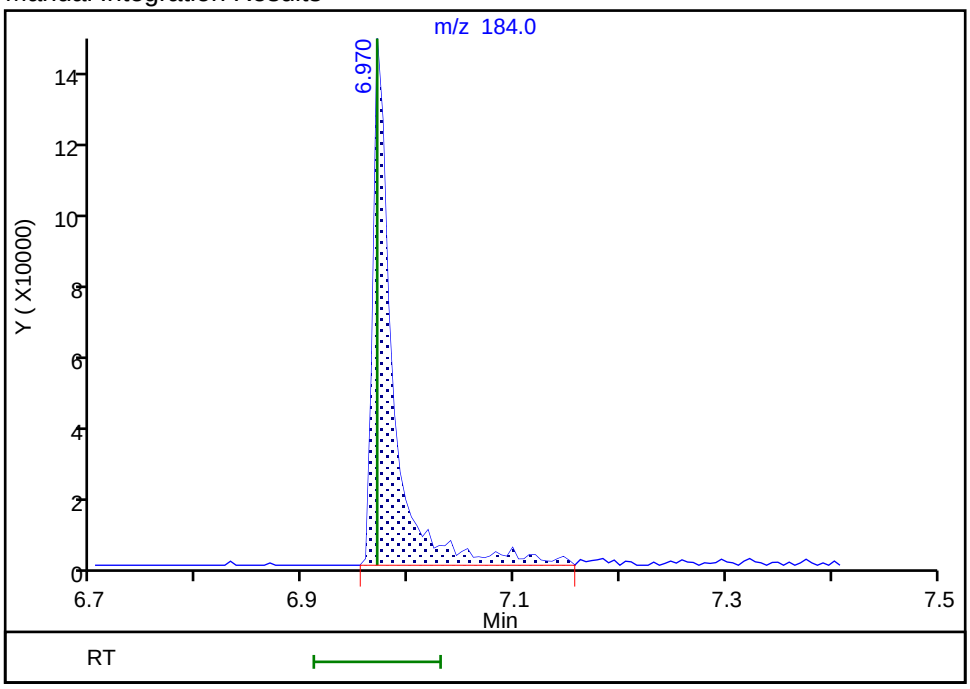
Not Detected
Expected RT: 6.97

Processing Integration Results



Manual Integration Results

RT: 6.97
Area: 188728
Amount: 1880.3212
Amount Units: ug/L



Reviewer: limmere, 18-Mar-2022 11:47:34
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

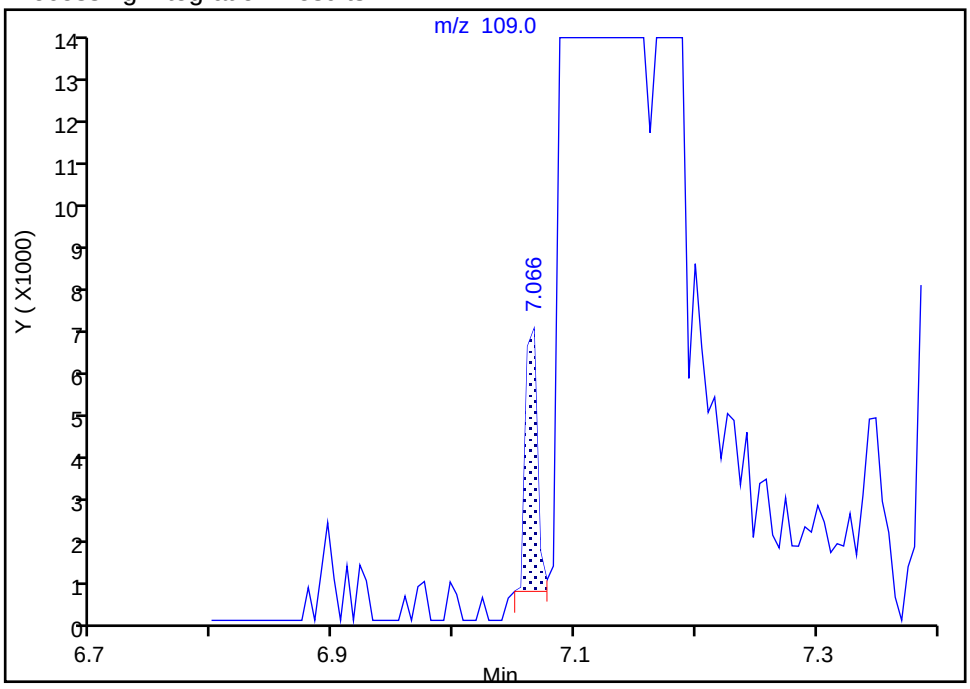
Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A04.D
Injection Date: 18-Mar-2022 10:27:30 Instrument ID: TAC051
Lims ID: ccvis
Client ID:
Operator ID: TL ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

64 4-Nitrophenol, CAS: 100-02-7

Signal: 1

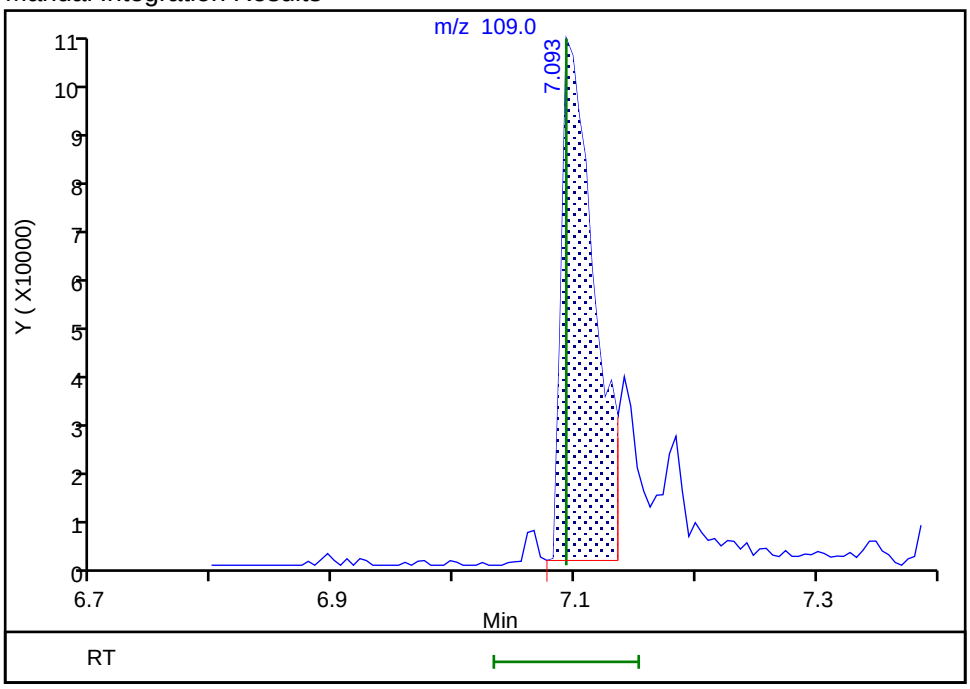
Processing Integration Results

RT: 7.07
Area: 4254
Amount: 817.1671
Amount Units: ug/L



Manual Integration Results

RT: 7.09
Area: 196320
Amount: 2260.7792
Amount Units: ug/L



Reviewer: limmere, 18-Mar-2022 11:47:45
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

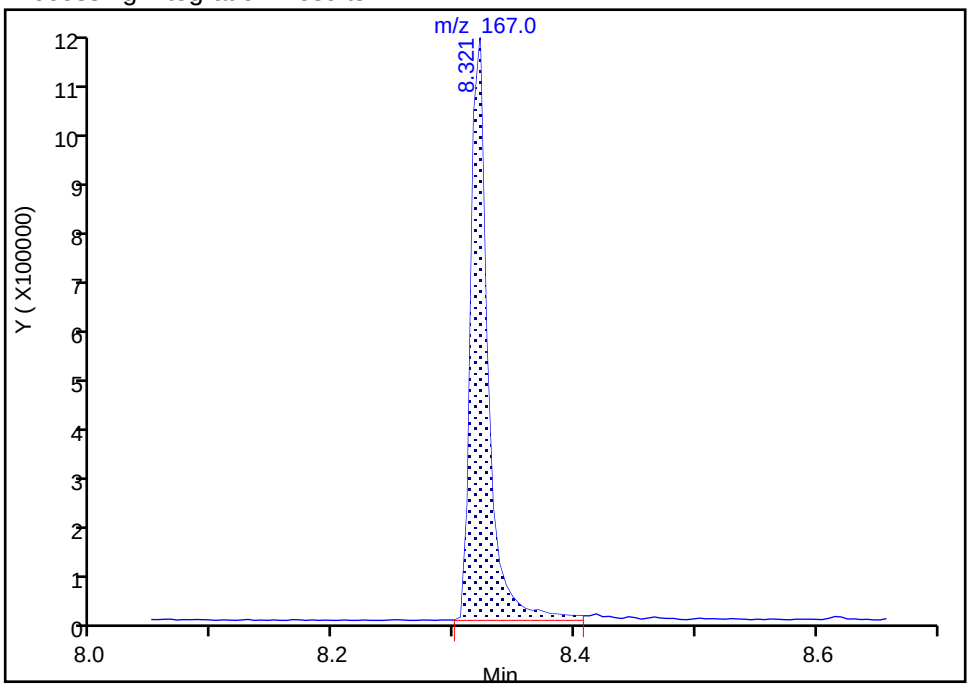
Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A04.D
Injection Date: 18-Mar-2022 10:27:30 Instrument ID: TAC051
Lims ID: ccvis
Client ID:
Operator ID: TL ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

83 Carbazole, CAS: 86-74-8

Signal: 1

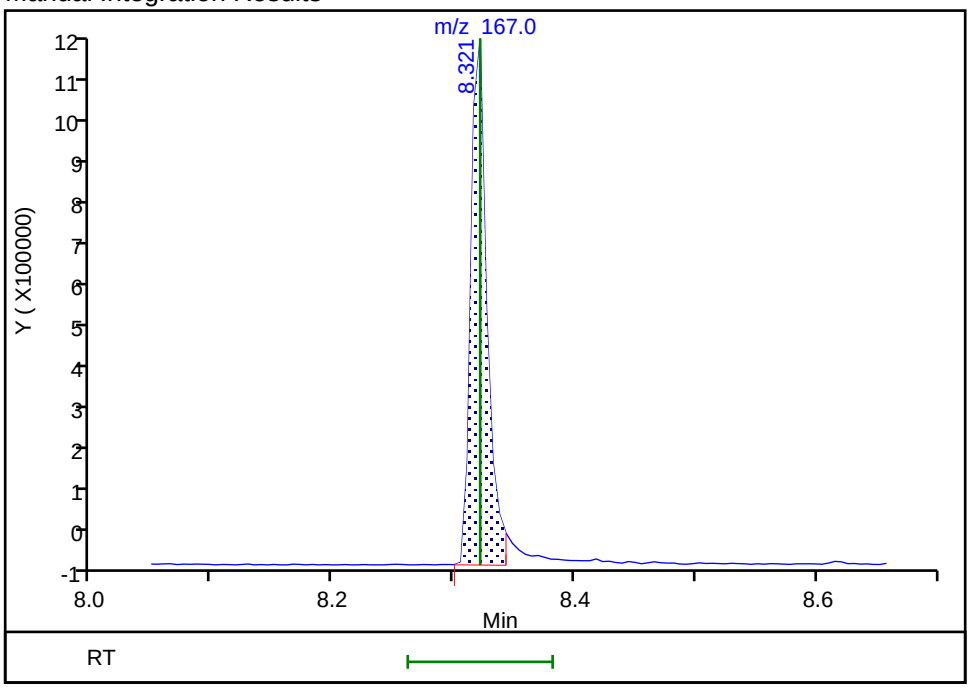
Processing Integration Results

RT: 8.32
Area: 1136746
Amount: 1215.3961
Amount Units: ug/L



Manual Integration Results

RT: 8.32
Area: 1067660
Amount: 1139.5149
Amount Units: ug/L



Reviewer: limmere, 18-Mar-2022 11:48:06
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

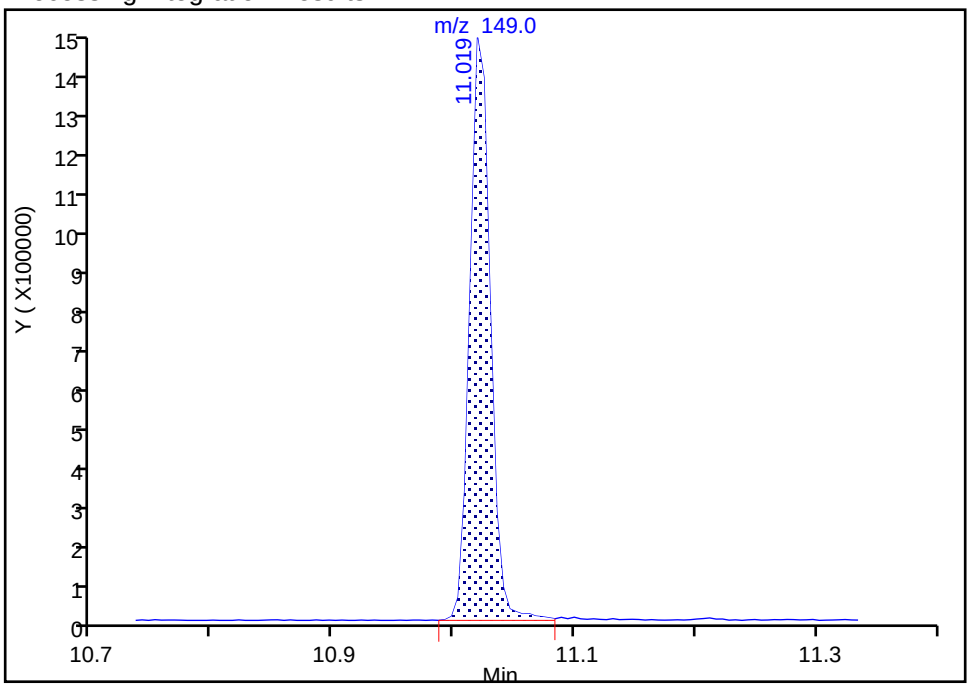
Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A04.D
Injection Date: 18-Mar-2022 10:27:30 Instrument ID: TAC051
Lims ID: ccvis
Client ID:
Operator ID: TL ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

100 Di-n-octyl phthalate, CAS: 117-84-0

Signal: 1

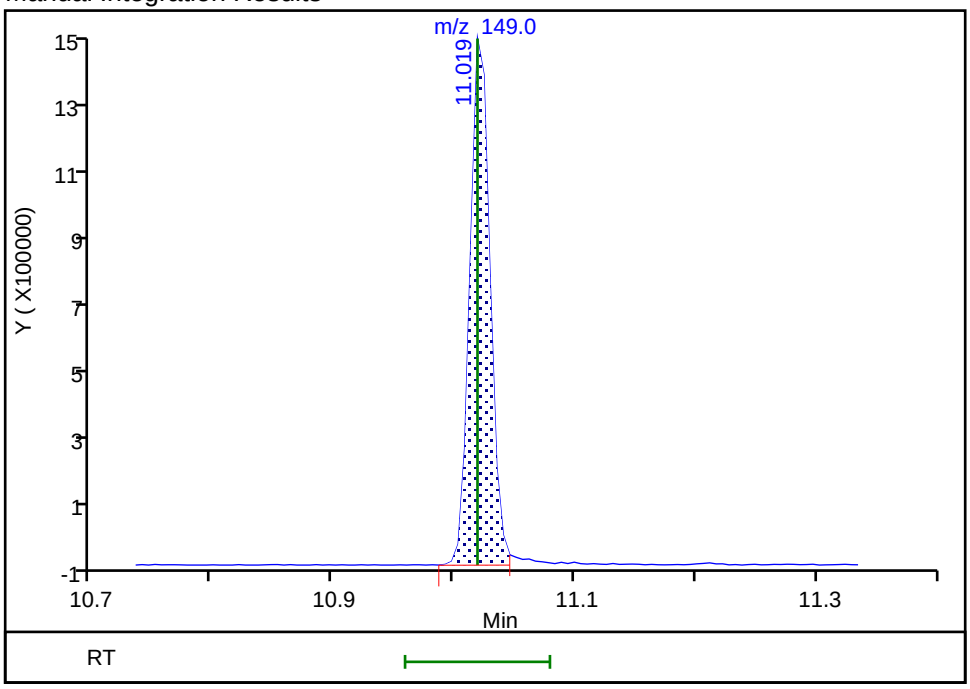
Processing Integration Results

RT: 11.02
Area: 1654040
Amount: 1234.1116
Amount Units: ug/L



Manual Integration Results

RT: 11.02
Area: 1629379
Amount: 1215.7115
Amount Units: ug/L



Reviewer: limmere, 18-Mar-2022 11:48:45
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

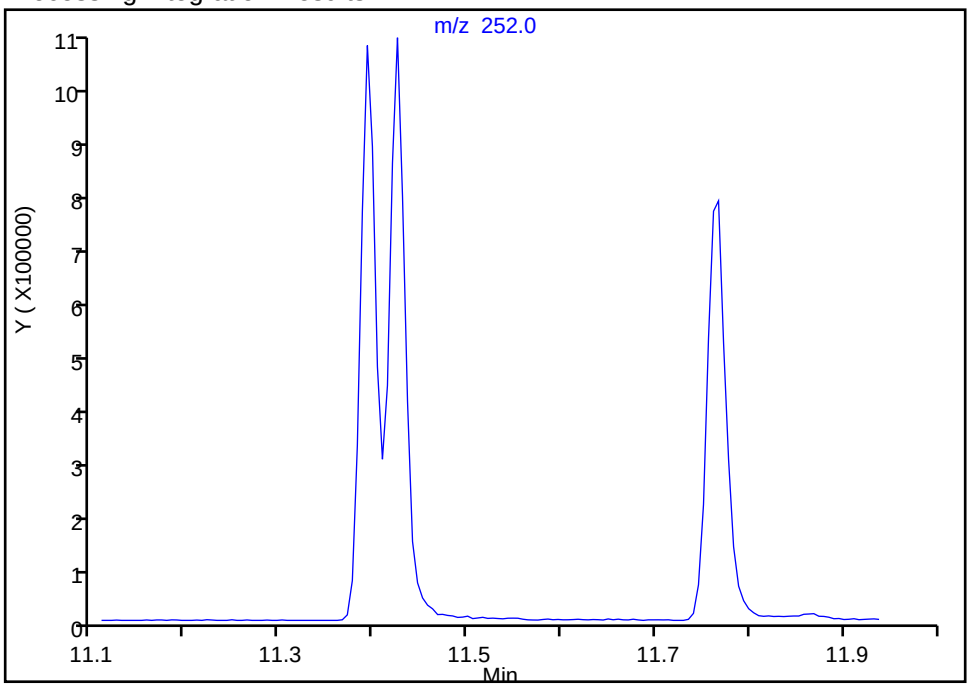
Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A04.D
Injection Date: 18-Mar-2022 10:27:30 Instrument ID: TAC051
Lims ID: ccvis
Client ID:
Operator ID: TL ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

102 Benzofluoranthene, CAS: 56832-73-6

Signal: 1

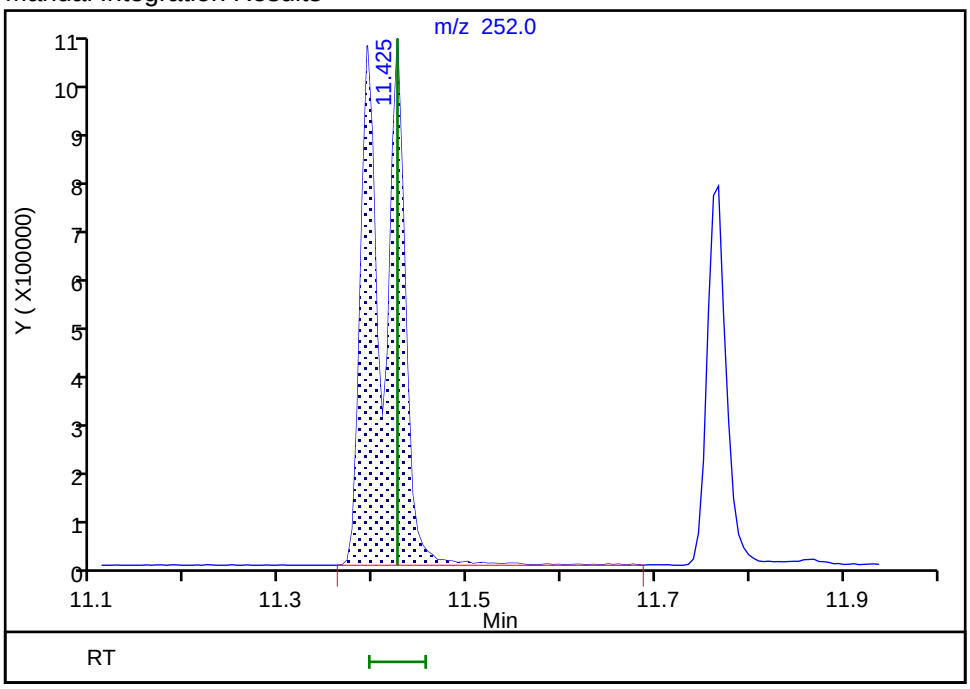
Not Detected
Expected RT: 11.43

Processing Integration Results



Manual Integration Results

RT: 11.43
Area: 2384087
Amount: 1916.4972
Amount Units: ug/L



Reviewer: limmere, 18-Mar-2022 11:48:50
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Lab Sample ID: CCVC 580-384307/22 | Calibration Date: 03/18/2022 18:00

Instrument ID: TAC051 | Calib Start Date: 01/24/2022 17:04

GC Column: ZB-SV ID: 0.25(mm) | Calib End Date: 01/24/2022 20:31

Lab File ID: 31822A23.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Lin1		0.3860	0.0100	939	1000	-6.1	50.0
Pyridine	Lin2		0.6891	0.0100	1900	2000	-5.1	50.0
Aniline	Lin1		1.029	0.0100	821	1000	-17.9	50.0
Phenol	Ave	1.004	0.9807	0.8000	976	1000	-2.4	50.0
Bis(2-chloroethyl)ether	Ave	0.8637	0.8302	0.7000	961	1000	-3.9	50.0
2-Chlorophenol	Ave	1.210	1.284	0.8000	1060	1000	6.1	50.0
n-Decane	Ave	0.7898	0.7127		902	1000	-9.8	50.0
1,3-Dichlorobenzene	Ave	1.441	1.502	0.0100	1040	1000	4.2	50.0
1,4-Dichlorobenzene	Ave	1.565	1.543	0.0100	986	1000	-1.4	50.0
1,2-Dichlorobenzene	Ave	1.465	1.473	0.0100	1000	1000	0.5	50.0
Benzyl alcohol	Lin2		0.5435	0.0100	888	1000	-11.2	50.0
2,2'-oxybis[1-chloropropane]	Ave	0.9704	0.8797	0.0100	907	1000	-9.3	50.0
2-Methylphenol	Ave	0.8394	0.8817	0.7000	1050	1000	5.0	50.0
Acetophenone	Ave	1.266	1.311	0.0100	1040	1000	3.5	50.0
N-Nitrosodi-n-propylamine	Ave	0.4984	0.5030	0.5000	1010	1000	0.9	50.0
3 & 4 Methylphenol	Lin2		0.8885	0.6000	1020	1000	1.6	50.0
Hexachloroethane	Ave	0.5675	0.5689	0.3000	1000	1000	0.3	50.0
Nitrobenzene	Lin2		0.8063	0.2000	951	1000	-4.9	50.0
Isophorone	Ave	1.472	1.436	0.4000	976	1000	-2.4	50.0
2-Nitrophenol	Lin2		0.1683	0.1000	977	1000	-2.3	50.0
2,4-Dimethylphenol	Lin1		1.007	0.2000	1010	1000	1.1	50.0
Bis(2-chloroethoxy)methane	Ave	0.9233	0.9214	0.3000	998	1000	-0.2	50.0
Benzoic acid	Lin1		0.1514	0.0100	1690	2000	-15.5	50.0
2,4-Dichlorophenol	Lin1		0.2527	0.2000	955	1000	-4.5	50.0
1,2,4-Trichlorobenzene	Ave	0.3058	0.2764	0.0100	904	1000	-9.6	50.0
Naphthalene	Qua2		0.9508	0.7000	956	1000	-4.4	50.0
2,6-Dichlorophenol	Qua1		0.4890	0.0100	942	1000	-5.8	50.0
4-Chloroaniline	Lin1		0.2493	0.0100	720	1000	-28.0	50.0
Hexachlorobutadiene	Ave	0.1815	0.1633	0.0100	899	1000	-10.1	50.0
4-Chloro-3-methylphenol	Lin2		0.3804	0.2000	979	1000	-2.1	50.0
2-Methylnaphthalene	Ave	0.6515	0.6631	0.4000	1020	1000	1.8	50.0
1-Methylnaphthalene	Ave	0.6188	0.6205	0.0100	1000	1000	0.3	50.0
Hexachlorocyclopentadiene	Ave	0.3528	0.2648	0.0500	751	1000	-24.9	50.0
1,2,4,5-Tetrachlorobenzene	Qua		0.4857		922	1000	-7.8	50.0
2,4,6-Trichlorophenol	Lin2		0.3009	0.2000	939	1000	-6.1	50.0
2,4,5-Trichlorophenol	Lin1		0.3100	0.2000	853	1000	-14.7	50.0
1,1'-Biphenyl	Ave	1.451	1.403	0.0100	967	1000	-3.3	50.0
2-Chloronaphthalene	Ave	1.139	1.064	0.8000	934	1000	-6.6	50.0
2-Nitroaniline	Qua2		0.3198	0.0100	1000	1000	0.3	50.0
Dimethyl phthalate	Lin1		1.274	0.0100	1080	1000	8.4	50.0
2,6-Dinitrotoluene	Lin1		0.3050	0.2000	1040	1000	4.5	50.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Lab Sample ID: CCVC 580-384307/22 | Calibration Date: 03/18/2022 18:00

Instrument ID: TAC051 | Calib Start Date: 01/24/2022 17:04

GC Column: ZB-SV ID: 0.25(mm) | Calib End Date: 01/24/2022 20:31

Lab File ID: 31822A23.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Qua2		1.621	0.9000	962	1000	-3.8	50.0
3-Nitroaniline	Lin2		0.2311	0.0100	834	1000	-16.6	50.0
Acenaphthene	Ave	1.170	1.137	0.9000	972	1000	-2.8	50.0
2,4-Dinitrophenol	Lin1		0.0550	0.0100	1000	2000	-49.8	50.0
Dibenzofuran	Ave	1.488	1.506	0.8000	1010	1000	1.3	50.0
2,4-Dinitrotoluene	Lin2		0.3805	0.2000	1020	1000	1.5	50.0
4-Nitrophenol	Lin1		0.1344	0.0100	2160	2000	7.9	50.0
2,3,5,6-Tetrachlorophenol	Lin2		0.2499	0.0100	978	1000	-2.2	50.0
2,3,4,6-Tetrachlorophenol	Lin2		0.2794	0.0100	934	1000	-6.6	50.0
Diethyl phthalate	Ave	1.296	1.394	0.0100	1080	1000	7.5	50.0
Fluorene	Ave	1.184	1.269	0.9000	1070	1000	7.2	50.0
4-Chlorophenyl phenyl ether	Ave	0.5450	0.5395	0.4000	990	1000	-1.0	50.0
4-Nitroaniline	Lin1		0.2302	0.0100	872	1000	-12.8	50.0
4,6-Dinitro-2-methylphenol	Lin1		0.0543	0.0100	1010	2000	-49.6	50.0
N-Nitrosodiphenylamine	Ave	0.5309	0.5601	0.0100	1060	1000	5.5	50.0
Azobenzene	Lin2		0.5250		952	1000	-4.8	50.0
4-Bromophenyl phenyl ether	Qua2		0.2089	0.1000	945	1000	-5.5	50.0
Hexachlorobenzene	Ave	0.2584	0.2482	0.1000	960	1000	-4.0	50.0
Atrazine	Lin2		0.3541	0.0100	1060	1000	5.5	50.0
Pentachlorophenol	Lin2		0.1236	0.0500	1760	2000	-11.8	50.0
n-Octadecane	Qua1		0.2578		814	1000	-18.6	50.0
Phenanthrene	Qua2		1.046	0.7000	928	1000	-7.2	50.0
Anthracene	Qua1		1.067	0.7000	913	1000	-8.7	50.0
Carbazole	Qua1		0.9860	0.0100	1110	1000	10.6	50.0
Di-n-butyl phthalate	Qua1		1.377	0.0100	972	1000	-2.8	50.0
Fluoranthene	Qua1		1.101	0.6000	917	1000	-8.3	50.0
Benzidine	Lin1		0.2102	0.0100	1510	2000	-24.3	50.0
Pyrene	Qua1		1.139	0.6000	924	1000	-7.6	50.0
Butyl benzyl phthalate	Qua1		0.7222	0.0100	1000	1000	0.1	50.0
3,3'-Dichlorobenzidine	Qua1		0.4371	0.0100	2160	2000	8.2	50.0
Benzo[a]anthracene	Qua1		1.162	0.8000	928	1000	-7.2	50.0
Chrysene	Qua2		1.204	0.7000	910	1000	-9.0	50.0
Bis(2-ethylhexyl) phthalate	Qua2		1.022	0.0100	1100	1000	9.9	50.0
Di-n-octyl phthalate	Ave	1.324	1.648	0.0100	1240	1000	24.5	50.0
Benzo[b]fluoranthene	Lin2		1.183	0.7000	1070	1000	6.8	50.0
Benzo[k]fluoranthene	Ave	1.342	1.302	0.7000	970	1000	-3.0	50.0
Benzo[a]pyrene	Lin2		1.036	0.7000	1020	1000	1.7	50.0
Indeno[1,2,3-cd]pyrene	Lin1		0.9467	0.5000	934	1000	-6.6	50.0
Dibenz(a,h)anthracene	Lin2		1.030	0.4000	944	1000	-5.6	50.0
Benzo[g,h,i]perylene	Qua1		1.015	0.5000	800	1000	-20.0	50.0
Benzofluoranthene	Ave	1.229			90.0	2000		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Lab Sample ID: CCVC 580-384307/22 Calibration Date: 03/18/2022 18:00

Instrument ID: TAC051 Calib Start Date: 01/24/2022 17:04

GC Column: ZB-SV ID: 0.25(mm) Calib End Date: 01/24/2022 20:31

Lab File ID: 31822A23.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Fluorophenol (Surr)	Lin2		0.9049		975	1000	-2.5	50.0
Phenol-d5 (Surr)	Lin1		1.007		978	1000	-2.2	50.0
Nitrobenzene-d5 (Surr)	Ave	0.2380	0.2228		936	1000	-6.4	50.0
2-Fluorobiphenyl	Ave	1.330	1.285		967	1000	-3.3	50.0
2,4,6-Tribromophenol (Surr)	Lin1		0.1333	0.0100	985	1000	-1.5	50.0
Terphenyl-d14 (Surr)	Ave	0.7490	0.7512		1000	1000	0.3	50.0

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A23.D
Lims ID: ccvc
Client ID:
Sample Type: CCVC
Inject. Date: 18-Mar-2022 18:00:30 ALS Bottle#: 3 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVC
Operator ID: TL Instrument ID: TAC051
Sublist: chrom-8270 TAC051*sub34

Method: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 18-Mar-2022 20:16:13 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1663

First Level Reviewer: boylea Date: 18-Mar-2022 20:16:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.452	4.454	-0.002	84	35576	100.0	100.0	
* 2 Naphthalene-d8	136	5.467	5.469	-0.002	96	138343	100.0	100.0	
* 3 Acenaphthene-d10	164	6.893	6.895	-0.002	92	75151	100.0	100.0	
* 4 Phenanthrene-d10	188	8.111	8.108	0.003	95	118974	100.0	100.0	
* 5 Chrysene-d12	240	10.307	10.309	-0.002	64	101957	100.0	100.0	
* 6 Perylene-d12	264	11.829	11.831	-0.002	93	105919	100.0	100.0	
$ 7 2-Fluorophenol	112	3.474	3.471	0.003	85	321943	1000.0	974.7	
$ 8 Phenol-d5	99	4.222	4.224	-0.002	98	358350	1000.0	977.7	
$ 9 Nitrobenzene-d5	82	4.895	4.897	-0.002	87	308184	1000.0	935.9	
$ 10 2-methylnaphthalene-d10	152	6.022	6.019	0.003	0	787550	NC	NC	
$ 11 2-Fluorobiphenyl	172	6.354	6.356	-0.002	99	966028	1000.0	966.7	
$ 12 2,4,6-Tribromophenol	330	7.550	7.547	0.003	83	158536	1000.0	985.3	
$ 13 Fluoranthene-d10 (Surr)	212	9.089	9.085	0.004	0	1174169	NC	NC	
$ 14 Terphenyl-d14	244	9.431	9.433	-0.002	99	893706	1000.0	1003.0	
15 1,4-Dioxane	88	2.379	2.328	0.051	1	990	NC	NC	
16 N-Nitrosodimethylamine	74	2.411	2.408	0.003	75	137318	1000.0	939.3	
17 Pyridine	79	2.416	2.413	0.003	89	490323	2000.0	1898.2	
18 Aniline	93	4.206	4.203	0.003	98	366086	1000.0	821.2	
19 Phenol	94	4.233	4.229	0.004	90	348894	1000.0	976.4	
20 Bis(2-chloroethyl)ether	93	4.259	4.256	0.003	89	295347	1000.0	961.2	
21 2-Chlorophenol	128	4.302	4.304	-0.002	90	456707	1000.0	1060.5	
22 n-Decane	57	4.334	4.331	0.003	85	253540	1000.0	902.3	
23 1,3-Dichlorobenzene	146	4.404	4.406	-0.002	97	534189	1000.0	1041.7	
25 1,4-Dichlorobenzene	146	4.468	4.464	0.004	98	549114	1000.0	986.4	
27 1,2-Dichlorobenzene	146	4.585	4.582	0.003	96	523889	1000.0	1005.0	
26 Benzyl alcohol	79	4.585	4.582	0.003	49	193358	1000.0	887.5	
29 2,2'-oxybis[1-chloropropane]	45	4.681	4.683	-0.002	72	312949	1000.0	906.5	
28 2-Methylphenol	108	4.692	4.694	-0.002	92	313666	1000.0	1050.4	
30 Acetophenone	105	4.778	4.780	-0.002	92	466428	1000.0	1035.4	
31 N-Nitrosodi-n-propylamine	70	4.783	4.785	-0.002	85	178963	1000.0	1009.4	
32 3 & 4 Methylphenol	108	4.820	4.822	-0.002	95	316089	1000.0	1015.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
33 Hexachloroethane	117	4.847	4.844	0.003	91	202403	1000.0	1002.6	
34 Nitrobenzene	77	4.911	4.913	-0.002	82	286861	1000.0	951.0	
35 Isophorone	82	5.104	5.106	-0.002	95	510840	1000.0	975.7	
36 2-Nitrophenol	139	5.168	5.170	-0.002	86	232806	1000.0	977.1	
37 2,4-Dimethylphenol	107	5.232	5.234	-0.002	91	358210	1000.0	1011.4	
38 Bis(2-chloroethoxy)methane	93	5.290	5.293	-0.002	95	327814	1000.0	998.0	
39 Benzoic acid	105	5.317	5.319	-0.002	81	419020	2000.0	1690.9	
40 2,4-Dichlorophenol	162	5.381	5.383	-0.002	87	349571	1000.0	955.1	
41 1,2,4-Trichlorobenzene	180	5.424	5.426	-0.002	94	382385	1000.0	903.9	
42 Naphthalene	128	5.483	5.485	-0.002	96	1315401	1000.0	955.6	
44 2,6-Dichlorophenol	162	5.547	5.549	-0.002	96	367505	1000.0	942.2	
43 4-Chloroaniline	127	5.547	5.549	-0.002	75	344945	1000.0	719.9	
45 Hexachlorobutadiene	225	5.584	5.586	-0.002	92	225854	1000.0	899.5	
46 4-Chloro-3-methylphenol	107	5.974	5.976	-0.002	89	285854	1000.0	979.2	
47 2-Methylnaphthalene	142	6.049	6.046	0.003	81	917300	1000.0	1017.8	
48 1-Methylnaphthalene	142	6.124	6.126	-0.002	91	858477	1000.0	1002.9	
49 Hexachlorocyclopentadiene	237	6.172	6.174	-0.002	84	199026	1000.0	750.6	
50 1,2,4,5-Tetrachlorobenzene	216	6.183	6.185	-0.002	94	365023	1000.0	922.4	
52 2,4,6-Trichlorophenol	196	6.295	6.297	-0.002	88	226110	1000.0	939.0	
53 2,4,5-Trichlorophenol	196	6.343	6.345	-0.002	91	232968	1000.0	852.6	
54 1,1'-Biphenyl	154	6.428	6.430	-0.002	94	1054549	1000.0	967.3	
55 2-Chloronaphthalene	162	6.444	6.441	0.003	95	799579	1000.0	933.8	
56 2-Nitroaniline	138	6.546	6.548	-0.002	89	240357	1000.0	1002.6	
57 Dimethyl phthalate	163	6.695	6.697	-0.002	98	957435	1000.0	1084.0	
58 1,3-Dinitrobenzene	168	6.722	6.724	-0.002	77	141747	1000.0	1069.3	
59 2,6-Dinitrotoluene	165	6.744	6.746	-0.002	66	229183	1000.0	1044.8	
60 Acenaphthylene	152	6.776	6.778	-0.002	95	1217980	1000.0	961.8	
61 3-Nitroaniline	138	6.888	6.890	-0.002	87	173640	1000.0	834.1	
62 Acenaphthene	153	6.920	6.922	-0.002	91	854536	1000.0	971.7	
63 2,4-Dinitrophenol	184	6.973	6.973	0.003	86	82612	2000.0	1003.1	a
66 Dibenzofuran	168	7.064	7.066	-0.002	88	1132105	1000.0	1012.5	
65 2,4-Dinitrotoluene	165	7.069	7.071	-0.002	75	285919	1000.0	1015.4	
64 4-Nitrophenol	109	7.091	7.093	-0.002	10	201965	2000.0	2158.9	
51 2,3,5,6-Tetrachlorophenol	232	7.144	7.146	-0.002	78	187791	1000.0	978.5	
67 2,3,4,6-Tetrachlorophenol	232	7.182	7.184	-0.002	68	209973	1000.0	934.3	
68 Diethyl phthalate	149	7.272	7.274	-0.002	97	1047404	1000.0	1075.2	
69 Fluorene	166	7.342	7.344	-0.002	82	953631	1000.0	1071.7	
70 4-Chlorophenyl phenyl ether	204	7.353	7.355	-0.002	92	405427	1000.0	989.9	
71 4-Nitroaniline	138	7.390	7.392	-0.002	90	172974	1000.0	872.0	
72 4,6-Dinitro-2-methylphenol	198	7.401	7.403	-0.002	83	129200	2000.0	1008.0	
73 N-Nitrosodiphenylamine	169	7.454	7.456	-0.002	62	666414	1000.0	1055.1	
74 Azobenzene	77	7.481	7.483	-0.002	91	624650	1000.0	952.1	
75 4-Bromophenyl phenyl ether	248	7.753	7.755	-0.002	56	248508	1000.0	944.9	
76 Hexachlorobenzene	284	7.791	7.787	0.004	87	295247	1000.0	960.2	
77 Atrazine	200	7.903	7.905	-0.002	91	266140	1000.0	1055.5	
78 Pentachlorophenol	266	7.967	7.969	-0.002	86	294087	2000.0	1763.0	
79 n-Octadecane	57	8.047	8.049	-0.002	89	306744	1000.0	814.2	
80 Phenanthrene	178	8.127	8.129	-0.002	97	1244423	1000.0	928.4	
81 Anthracene	178	8.170	8.172	-0.002	96	1268884	1000.0	912.5	
83 Carbazole	167	8.319	8.321	-0.002	82	1173061	1000.0	1105.6	
84 Di-n-butyl phthalate	149	8.613	8.615	-0.002	99	1638064	1000.0	972.5	
85 Fluoranthene	202	9.105	9.101	0.004	96	1309632	1000.0	917.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
88 Benzidine	184	9.238	9.240	-0.002	98	500282	2000.0	1513.2	
89 Pyrene	202	9.286	9.288	-0.002	98	1355498	1000.0	924.0	
94 Butyl benzyl phthalate	149	9.842	9.844	-0.002	92	736312	1000.0	1001.2	
96 3,3'-Dichlorobenzidine	252	10.296	10.298	-0.002	65	891237	2000.0	2164.8	
97 Benzo[a]anthracene	228	10.296	10.298	-0.002	98	1184534	1000.0	927.7	
99 Chrysene	228	10.333	10.330	0.003	91	1227413	1000.0	910.3	
98 Bis(2-ethylhexyl) phthalate	149	10.355	10.362	-0.007	76	1041840	1000.0	1099.5	
100 Di-n-octyl phthalate	149	11.017	11.019	-0.002	97	1745835	1000.0	1244.9	
101 Benzo[b]fluoranthene	252	11.391	11.393	-0.002	96	1252939	1000.0	1067.9	
103 Benzo[k]fluoranthene	252	11.423	11.425	-0.002	97	1378705	1000.0	969.6	
104 Benzo[a]pyrene	252	11.765	11.767	-0.002	76	1096973	1000.0	1016.5	
105 Indeno[1,2,3-cd]pyrene	276	13.133	13.129	0.004	97	1002751	1000.0	933.8	
106 Dibenz(a,h)anthracene	278	13.165	13.167	-0.002	74	1091208	1000.0	943.8	
107 Benzo[g,h,i]perylene	276	13.459	13.461	-0.002	93	1075498	1000.0	799.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

ccv_8270_1000_00057 Amount Added: 1.00 Units: mL

Report Date: 18-Mar-2022 20:16:14 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A23.D

Injection Date: 18-Mar-2022 18:00:30 Instrument ID: TAC051

Lims ID: ccvc

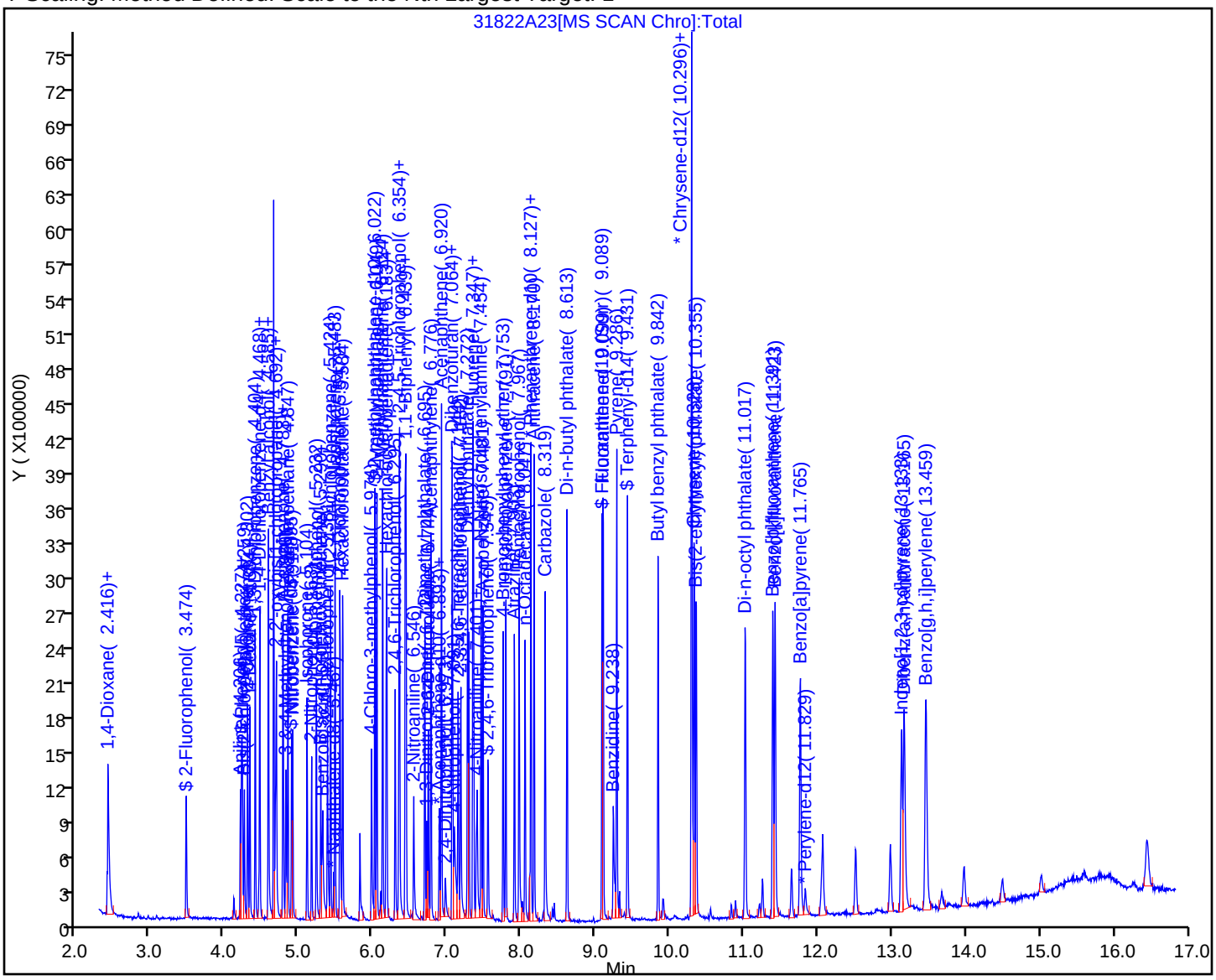
Client ID:

Operator ID: TL ALS Bottle#: 3 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

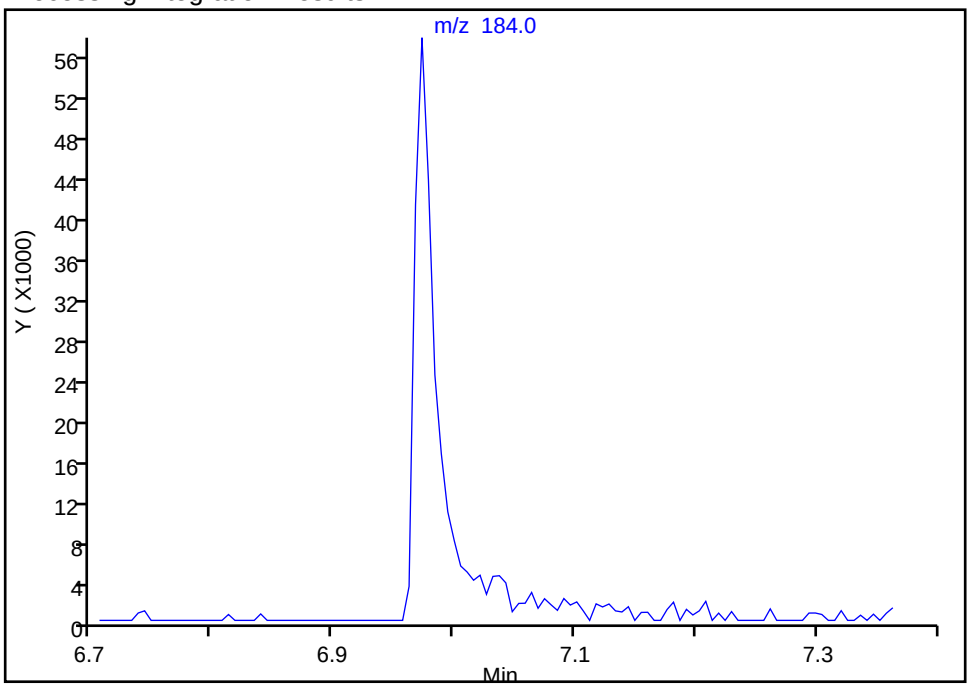
Data File:	\\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A23.D				
Injection Date:	18-Mar-2022 18:00:30	Instrument ID:	TAC051		
Lims ID:	ccvc				
Client ID:					
Operator ID:	TL	ALS Bottle#:	3	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270 TAC051	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

63 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

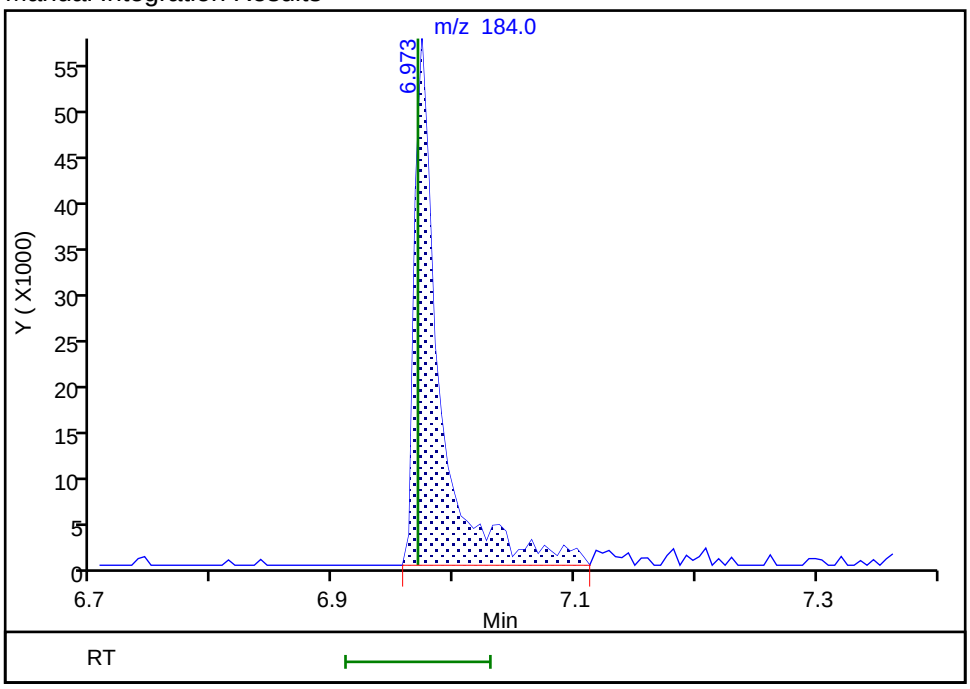
Not Detected
Expected RT: 6.97

Processing Integration Results



Manual Integration Results

RT: 6.97
Area: 82612
Amount: 1003.0823
Amount Units: ug/L



Reviewer: boylea, 18-Mar-2022 20:15:36
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a005.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 03-Mar-2022 16:15:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: dftpp
Operator ID: tl Instrument ID: TAC040

Method: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 08-Mar-2022 14:38:27 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1601

First Level Reviewer: limmere Date: 04-Mar-2022 11:07:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
120 Pentachlorophenol_T	266	8.236	8.236	0.000	94	966538	NR	NR	
121 DFTPP									
122 Benzidine_T	184	9.513	9.513	0.000	99	2665876	NR	NR	
123 4,4'-DDE	246	9.671	9.671	0.000	24	1583		NR	
124 4,4'-DDD	235	9.948	9.948	0.000	93	40093		NR	
125 4,4'-DDT	235	10.201	10.201	0.000	98	1988721	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

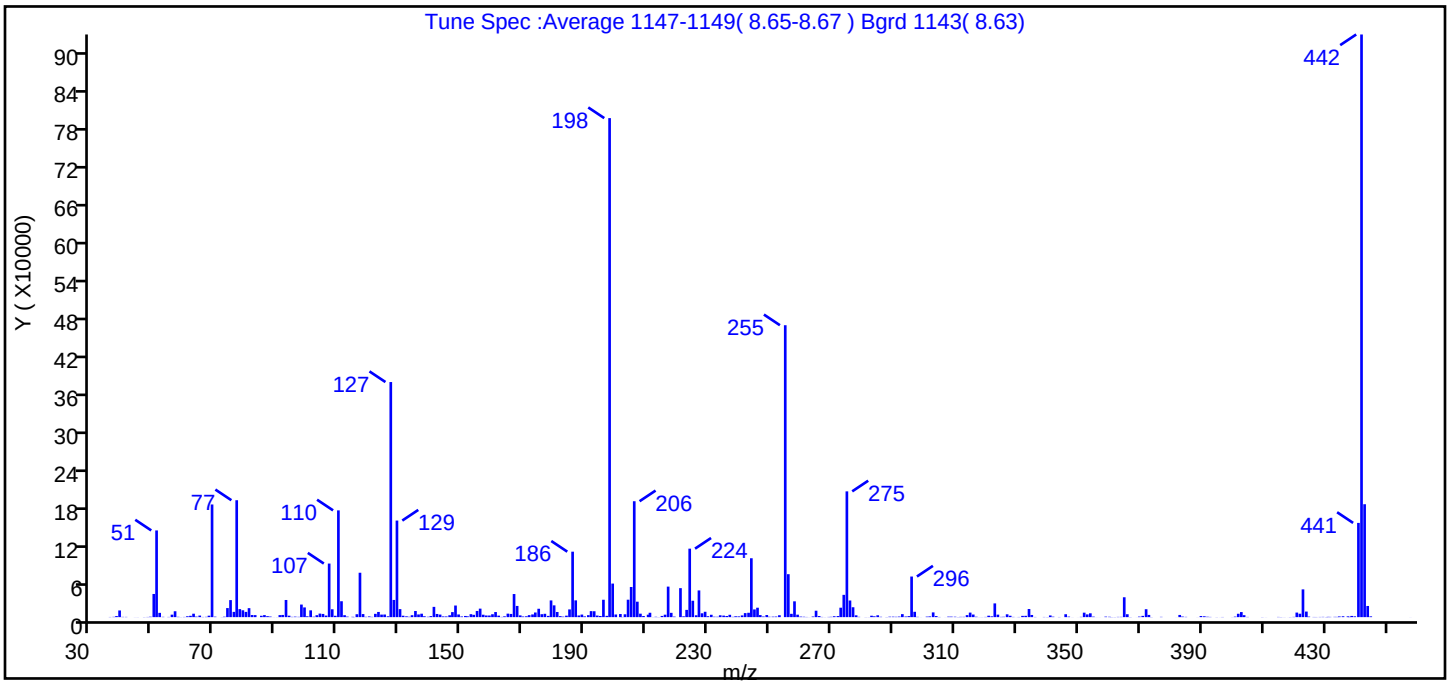
DFTPPx2_00044 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a005.D
Injection Date: 03-Mar-2022 16:15:30 Instrument ID: TAC040
Lims ID: DFTPP
Client ID:
Operator ID: tl ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Tune Method: DFTPP Method 525.2, BP 198

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (85.6)
51	10-80% of the base peak	17.4
68	<2% of mass 69	0.3 (1.3)
69	Present	22.6
70	<2% of mass 69	0.1 (0.4)
127	10-80% of the base peak	47.1
197	<2% of mass 198	0.3
199	5-9% of mass 198	6.7
275	10-60% of the base peak	25.2
365	>1% of the base peak	4.0
441	Present and < mass 443	18.9 (83.5)
442	base peak, or >50% of 198	116.8
443	15-24% of mass 442	22.6 (19.4)

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a005.D\8270TAC040.rslt\spectra
Injection Date: 03-Mar-2022 16:15:30
Spectrum: Tune Spec :Average 1147-1149(8.65-8.67) Bgrd 1143(8.63)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 373

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	282	136.00	4256	231.00	3751	330.00	57
37.00	467	137.00	5446	232.00	683	331.00	295
38.00	1688	138.00	1394	233.00	594	332.00	2013
39.00	10558	139.00	583	234.00	2964	333.00	2088
40.00	413	140.00	1644	235.00	2453	334.00	12863
41.00	387	141.00	16260	236.00	1798	335.00	3434
44.00	91	142.00	5037	237.00	3715	336.00	306
45.00	105	143.00	4073	238.00	471	339.00	298
47.00	202	144.00	1132	239.00	1355	340.00	228
48.00	309	145.00	1081	240.00	1169	341.00	2676
49.00	665	146.00	2961	241.00	2710	342.00	747
50.00	36672	147.00	7966	242.00	6395	344.00	263
51.00	137216	148.00	18384	243.00	6905	346.00	4607
52.00	6772	149.00	4231	244.00	93216	347.00	835
53.00	491	150.00	1085	245.00	12230	348.00	83
55.00	345	151.00	1873	246.00	14918	350.00	52
56.00	3928	152.00	1303	247.00	3282	351.00	445
57.00	9310	153.00	4685	248.00	991	352.00	7088
58.00	519	154.00	3657	249.00	3360	353.00	4343
59.00	149	155.00	9782	250.00	650	354.00	6064
60.00	328	156.00	13460	251.00	773	355.00	819
61.00	1377	157.00	3823	252.00	935	356.00	68
62.00	2133	158.00	2626	253.00	3007	357.00	60
63.00	5435	159.00	2581	255.00	461952	359.00	834
64.00	826	160.00	4586	256.00	67968	360.00	598
65.00	2469	161.00	8078	257.00	5255	361.00	219
66.00	310	162.00	2387	258.00	25024	362.00	197
67.00	495	163.00	374	259.00	3903	363.00	399
68.00	2287	164.00	1311	260.00	851	364.00	449
69.00	178304	165.00	5542	261.00	598	365.00	31464
70.00	758	166.00	5086	262.00	312	366.00	4586
72.00	150	167.00	36568	263.00	106	367.00	225
73.00	706	168.00	17736	264.00	1002	369.00	57

Report Date: 08-Mar-2022 14:38:27 Chrom Revision: 2.3 16-Feb-2022 17:52:00
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a005.D\8270TAC040.rslt\spectra
Injection Date: 03-Mar-2022 16:15:30
Spectrum: Tune Spec :Average 1147-1149(8.65-8.67) Bgrd 1143(8.63)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 373

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	14337	169.00	2775	265.00	10169	370.00	855
75.00	26968	170.00	1036	266.00	1727	371.00	2013
76.00	8332	171.00	1354	267.00	337	372.00	12551
77.00	185024	172.00	3148	268.00	126	373.00	3524
78.00	12679	173.00	4290	269.00	353	374.00	224
79.00	10874	174.00	7346	270.00	526	377.00	444
80.00	8311	175.00	13269	271.00	1426	382.00	57
81.00	14219	176.00	4664	272.00	1724	383.00	3479
82.00	3342	177.00	5287	273.00	14939	384.00	942
83.00	3198	178.00	1990	274.00	35288	385.00	430
85.00	2186	179.00	26448	275.00	199040	389.00	83
86.00	3242	180.00	18640	276.00	26344	390.00	1819
87.00	1544	181.00	8168	277.00	15671	391.00	1358
88.00	904	182.00	1606	278.00	2897	392.00	653
89.00	85	183.00	805	279.00	480	393.00	350
90.00	115	184.00	2339	281.00	149	395.00	151
91.00	3215	185.00	12242	282.00	132	396.00	50
92.00	3477	186.00	103600	283.00	2250	397.00	265
93.00	27144	187.00	26568	284.00	1302	400.00	124
94.00	2308	188.00	2620	285.00	2926	401.00	825
95.00	461	189.00	4071	286.00	548	402.00	5353
96.00	794	190.00	1192	288.00	234	403.00	8025
97.00	480	191.00	3132	289.00	728	404.00	3098
98.00	19920	192.00	9513	290.00	764	405.00	337
99.00	15377	193.00	9342	291.00	574	410.00	182
100.00	1312	194.00	2517	292.00	900	411.00	68
101.00	10749	195.00	1830	293.00	4760	415.00	338
102.00	700	196.00	27536	294.00	972	416.00	220
103.00	3049	197.00	2045	295.00	1603	417.00	111
104.00	5604	198.00	789696	296.00	64272	418.00	57
105.00	5088	199.00	53120	297.00	8458	419.00	190
106.00	2472	200.00	4199	298.00	474	420.00	403
107.00	84800	202.00	4939	299.00	74	421.00	7228
108.00	12440	202.00	286	301.00	812	422.00	5393

Report Date: 08-Mar-2022 14:38:27 Chrom Revision: 2.3 16-Feb-2022 17:52:00
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a005.D\8270TAC040.rslt\spectra
Injection Date: 03-Mar-2022 16:15:30
Spectrum: Tune Spec :Average 1147-1149(8.65-8.67) Bgrd 1143(8.63)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 373

m/z	Y	m/z	Y	m/z	Y	m/z	Y
109.00	2161	203.00	4529	302.00	1152	423.00	43936
110.00	168960	204.00	27600	303.00	7513	424.00	8833
111.00	25176	205.00	47688	304.00	1690	425.00	870
112.00	3068	206.00	183424	305.00	291	426.00	291
113.00	846	207.00	24448	307.00	54	427.00	266
115.00	508	208.00	5484	308.00	799	428.00	324
115.00	263	209.00	1759	309.00	803	430.00	424
116.00	4600	210.00	3859	310.00	660	431.00	231
117.00	70264	211.00	6950	311.00	227	431.00	467
118.00	4875	212.00	140	312.00	462	432.00	379
119.00	519	213.00	557	313.00	484	433.00	462
120.00	1122	214.00	210	314.00	3185	434.00	411
121.00	427	215.00	1920	315.00	7182	435.00	1109
122.00	5229	216.00	3889	316.00	4130	436.00	1378
123.00	8225	217.00	48320	317.00	647	438.00	1242
124.00	4031	218.00	6819	318.00	114	438.00	369
125.00	4149	219.00	843	319.00	127	439.00	1912
126.00	1340	221.00	45880	320.00	350	440.00	1258
127.00	372032	222.00	1285	321.00	2267	441.00	149120
128.00	27216	223.00	11484	322.00	1248	442.00	922048
129.00	152832	224.00	108376	323.00	21760	443.00	178688
130.00	12704	225.00	25952	324.00	3955	444.00	17680
131.00	2237	226.00	2934	325.00	413	445.00	1220
132.00	1292	227.00	42280	326.00	604	458.00	64
133.00	596	228.00	6106	327.00	4487		
134.00	3038	229.00	8511	328.00	2202		
135.00	9690	230.00	1486	329.00	360		

Report Date: 08-Mar-2022 14:38:27 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a005.D

Injection Date: 03-Mar-2022 16:15:30 Instrument ID: TAC040

Lims ID: DFTPP

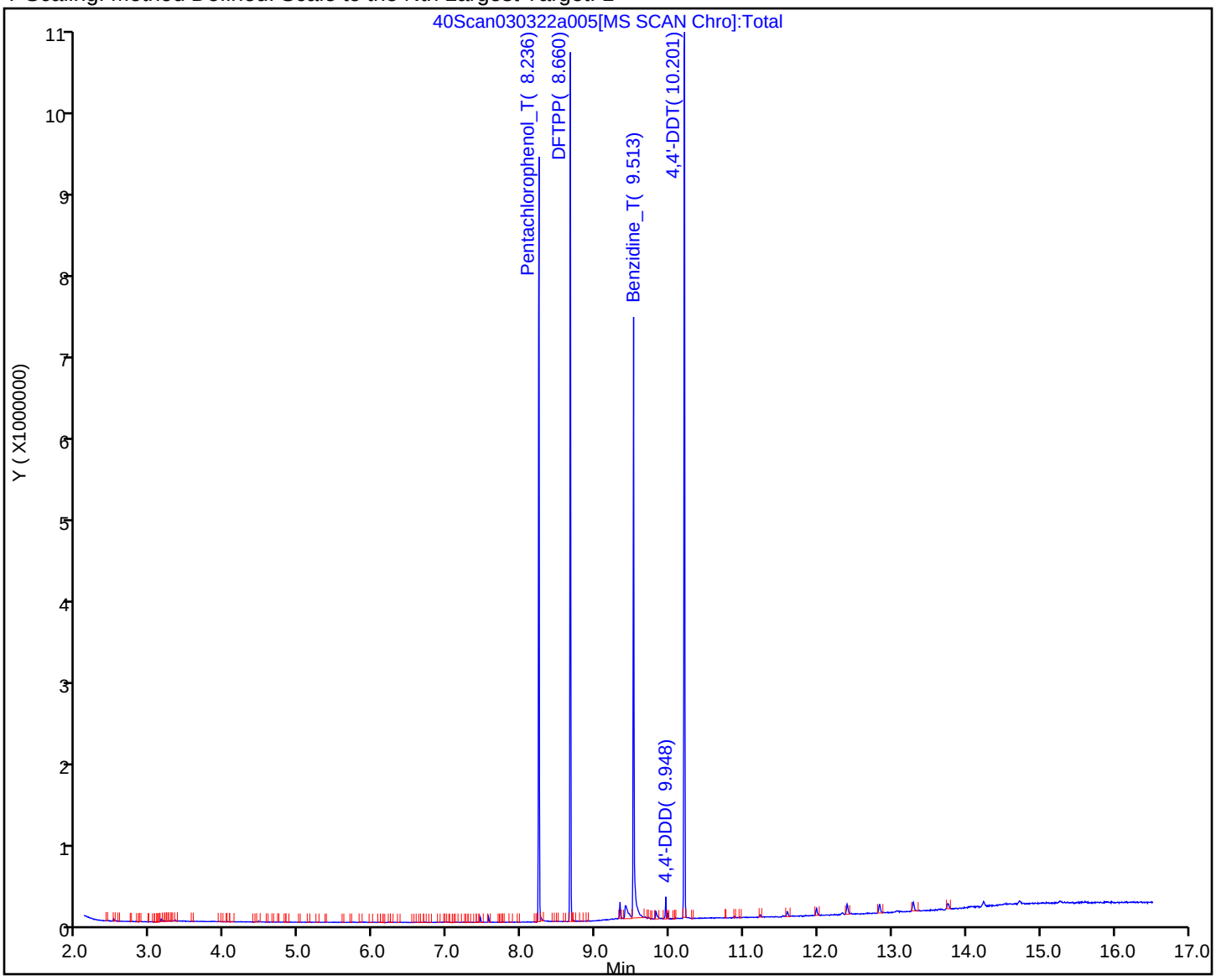
Client ID:

Operator ID: tl ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Breakdown Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a005.D
Injection Date: 03-Mar-2022 16:15:30 Instrument ID: TAC040
Lims ID: DFTPP
Client ID:
Operator ID: tl ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

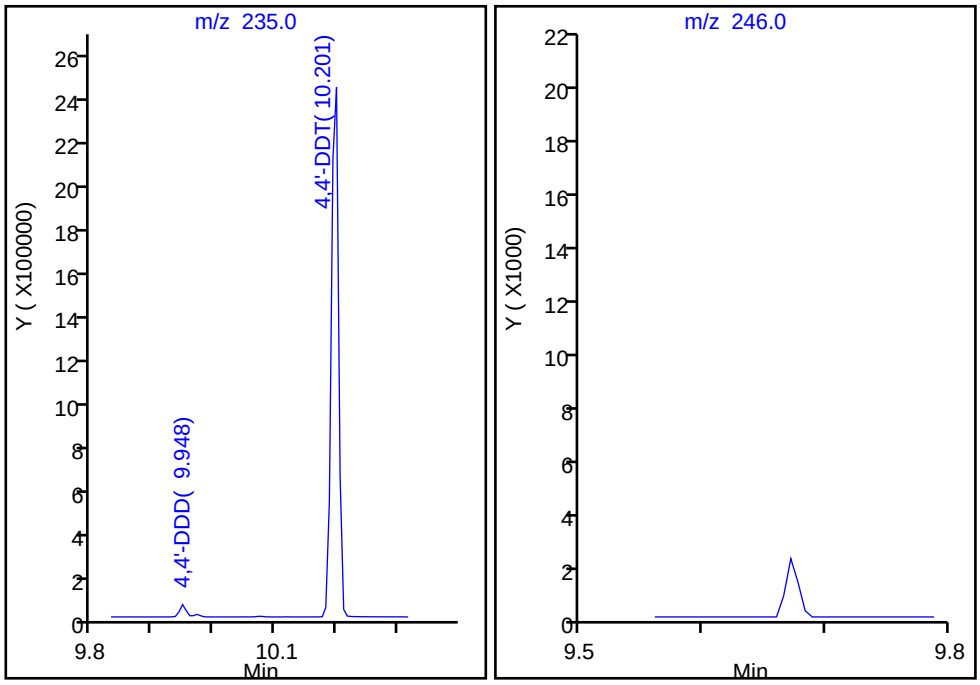
125 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

125 4,4'-DDT, Area = 1988721
123 4,4'-DDE, Area = 1583
124 4,4'-DDD, Area = 40093

%Breakdown: 2.05%, <= 20.00%
Passed



Peak Tailing Report

Eurofins Seattle

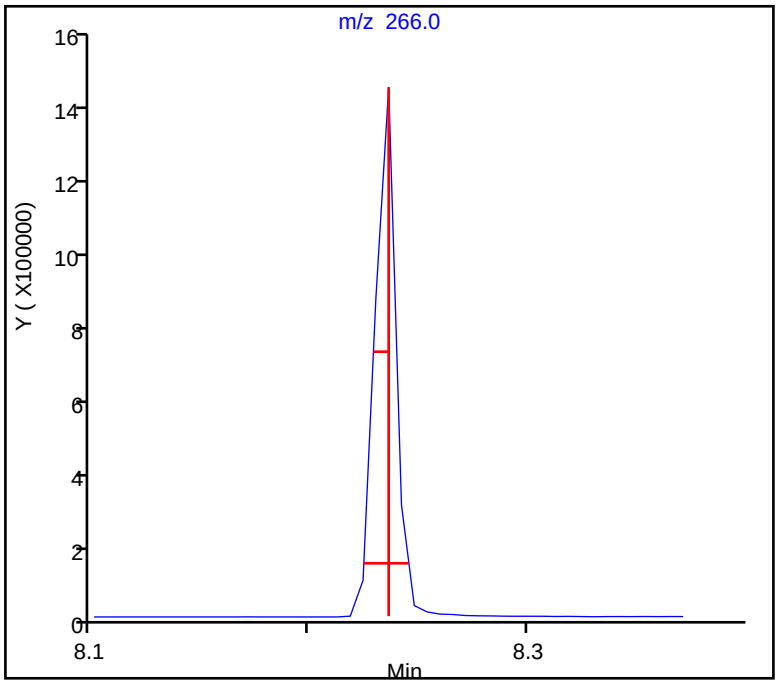
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a005.D
Injection Date: 03-Mar-2022 16:15:30 Instrument ID: TAC040
Lims ID: DFTPP
Client ID:
Operator ID: tl ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

120 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.009 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 0.82, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Seattle

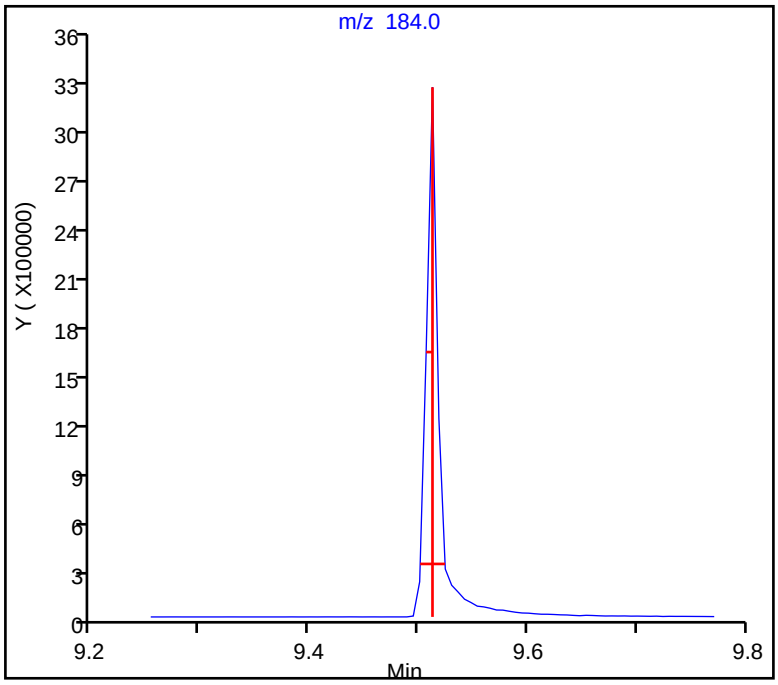
Data File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a005.D
Injection Date: 03-Mar-2022 16:15:30 Instrument ID: TAC040
Lims ID: DFTPP
Client ID:
Operator ID: tl ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

122 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.012 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 1.09, Max. Tailing <= 2.00
Passed



Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a005.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 14-Mar-2022 12:19:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: dftpp
Operator ID: tl Instrument ID: TAC040

Method: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 15-Mar-2022 09:39:27 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: thaneeratw Date: 15-Mar-2022 09:39:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
120 Pentachlorophenol_T	266	8.236	8.236	0.000	93	1312298	NR	NR	
121 DFTPP									
122 Benzidine_T	184	9.507	9.507	0.000	99	3594517	NR	NR	
123 4,4'-DDE	246	9.660	9.660	0.000	38	2957		NR	
124 4,4'-DDD	235	9.936	9.936	0.000	83	22069		NR	
125 4,4'-DDT	235	10.189	10.189	0.000	98	3002154	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

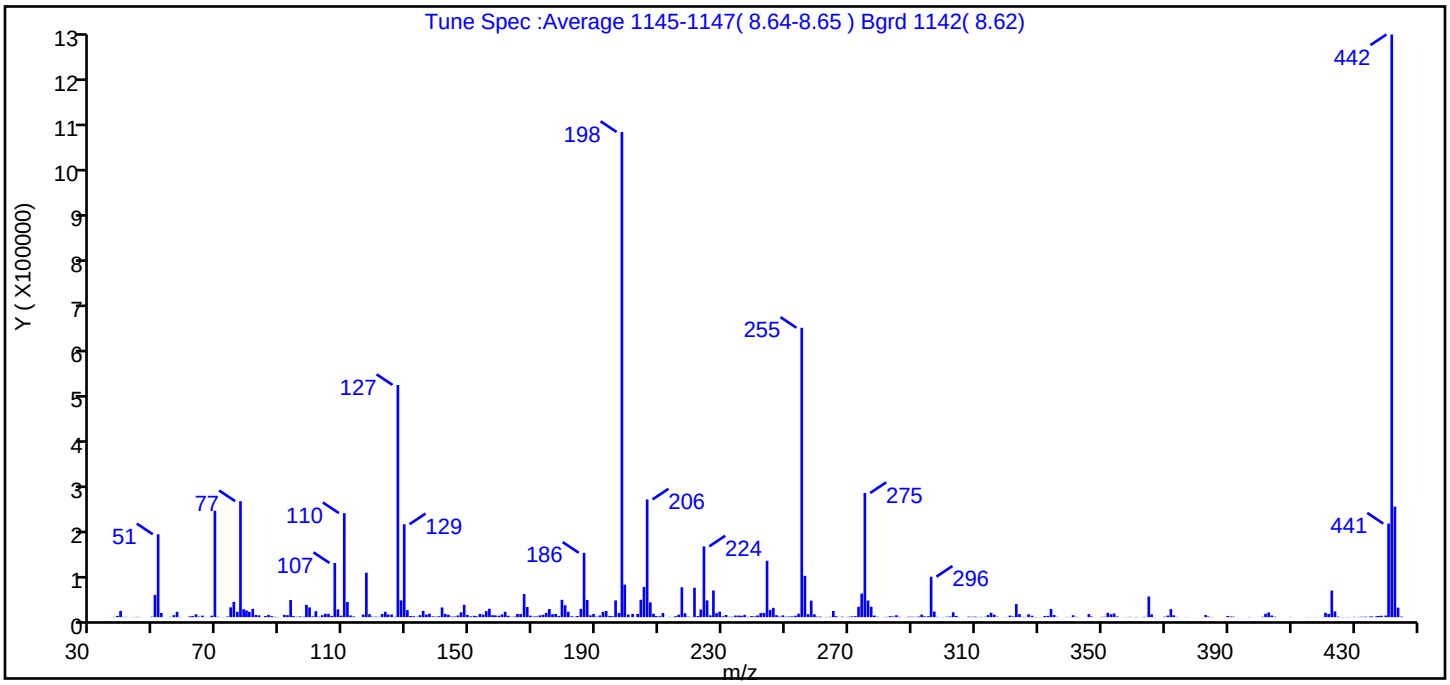
DFTPPx2_00044 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a005.D
Injection Date: 14-Mar-2022 12:19:30 Instrument ID: TAC040
Lims ID: DFTPP
Client ID:
Operator ID: tl ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Tune Method: DFTPP Method 525.2, BP 198

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (83.3)
51	10-80% of the base peak	17.1
68	<2% of mass 69	0.3 (1.3)
69	Present	21.9
70	<2% of mass 69	0.1 (0.4)
127	10-80% of the base peak	47.9
197	<2% of mass 198	0.9
199	5-9% of mass 198	6.7
275	10-60% of the base peak	25.6
365	>1% of the base peak	4.3
441	Present and < mass 443	19.3 (84.6)
442	base peak, or >50% of 198	120.1
443	15-24% of mass 442	22.8 (19.0)

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a005.D\8270TAC040.rslt\spectra
Injection Date: 14-Mar-2022 12:19:30
Spectrum: Tune Spec :Average 1145-1147(8.64-8.65) Bgrd 1142(8.62)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 378

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	84	133.00	768	230.00	1759	330.00	258
36.00	189	134.00	3968	231.00	4476	331.00	254
37.00	582	135.00	12972	232.00	819	332.00	2402
38.00	2539	136.00	5341	233.00	940	333.00	2668
39.00	12806	137.00	7040	234.00	3283	334.00	16760
40.00	604	138.00	1516	235.00	3399	335.00	4250
41.00	542	139.00	991	236.00	2730	336.00	601
42.00	61	140.00	1789	237.00	4786	339.00	421
43.00	219	141.00	19968	238.00	706	340.00	350
44.00	647	142.00	6680	239.00	2227	341.00	3935
45.00	401	143.00	4942	240.00	1498	342.00	698
46.00	102	144.00	1189	241.00	3559	343.00	144
48.00	57	145.00	1290	242.00	8348	345.00	95
49.00	1072	146.00	3473	243.00	8748	346.00	6355
50.00	45896	147.00	9933	244.00	116208	347.00	1263
51.00	170752	148.00	25312	245.00	15020	348.00	206
52.00	8454	149.00	4633	246.00	19216	350.00	584
53.00	197	150.00	1667	247.00	4108	351.00	736
55.00	700	151.00	2737	248.00	1222	352.00	8929
56.00	4073	152.00	1782	249.00	3657	353.00	5783
57.00	10978	153.00	6614	250.00	907	354.00	7479
58.00	423	154.00	5242	251.00	1210	355.00	1329
60.00	50	155.00	12445	252.00	1659	357.00	77
61.00	1553	156.00	17248	253.00	2989	358.00	328
62.00	2258	157.00	3994	254.00	7117	359.00	709
63.00	5966	158.00	3588	255.00	596288	360.00	166
64.00	1093	159.00	2962	256.00	85112	361.00	504
65.00	3049	160.00	5612	257.00	6058	362.00	165
66.00	186	161.00	11083	258.00	34088	363.00	509
67.00	311	162.00	2777	259.00	5691	364.00	493
68.00	2942	163.00	652	260.00	1088	365.00	42552
69.00	219200	164.00	1200	261.00	1181	366.00	5572
70.00	848	165.00	6630	262.00	218	367.00	294

Report Date: 15-Mar-2022 09:39:27 Chrom Revision: 2.3 16-Feb-2022 17:52:00
Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a005.D\8270TAC040.rslt\spectra
Injection Date: 14-Mar-2022 12:19:30
Spectrum: Tune Spec :Average 1145-1147(8.64-8.65) Bgrd 1142(8.62)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 378

m/z	Y	m/z	Y	m/z	Y	m/z	Y
71.00	201	166.00	6343	263.00	395	369.00	51
72.00	240	167.00	47568	264.00	805	370.00	845
73.00	1447	168.00	20920	265.00	12656	371.00	3146
74.00	20200	169.00	3053	266.00	1931	372.00	16496
75.00	31640	170.00	1305	268.00	1109	373.00	3794
76.00	10993	171.00	1370	269.00	224	374.00	539
77.00	238976	172.00	3649	270.00	856	377.00	380
78.00	16298	173.00	4877	271.00	1639	378.00	109
79.00	13917	174.00	8896	272.00	2048	381.00	99
80.00	10939	175.00	16680	273.00	21352	382.00	144
81.00	17032	176.00	5844	274.00	48440	383.00	4384
82.00	4369	177.00	6569	275.00	255808	384.00	1391
83.00	3647	178.00	2548	276.00	34408	385.00	471
84.00	17	179.00	35728	277.00	21512	389.00	65
85.00	2381	180.00	24608	278.00	3230	390.00	2396
86.00	4721	181.00	11152	279.00	827	391.00	1298
87.00	2089	182.00	1891	280.00	156	392.00	945
88.00	747	183.00	917	281.00	316	393.00	64
89.00	413	184.00	2423	282.00	640	396.00	64
90.00	62	185.00	17104	283.00	2181	397.00	416
91.00	4708	186.00	132608	284.00	1380	400.00	52
92.00	3972	187.00	35464	285.00	3989	401.00	850
93.00	35328	188.00	3679	286.00	713	402.00	6940
94.00	2128	189.00	6599	288.00	350	403.00	9737
95.00	743	190.00	1121	289.00	937	404.00	3351
96.00	1477	191.00	3453	290.00	927	405.00	949
97.00	943	192.00	10904	291.00	701	410.00	420
98.00	25352	193.00	12720	292.00	1272	411.00	50
99.00	20048	194.00	2624	293.00	5337	415.00	352
100.00	1535	195.00	1939	294.00	1640	416.00	263
101.00	12342	196.00	34544	295.00	2010	418.00	250
102.00	872	197.00	8573	296.00	83392	418.00	166
103.00	3956	198.00	999744	297.00	11580	419.00	63
104.00	6996	199.00	67008	298.00	665	420.00	314

Report Date: 15-Mar-2022 09:39:27 Chrom Revision: 2.3 16-Feb-2022 17:52:00
Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a005.D\8270TAC040.rslt\spectra
Injection Date: 14-Mar-2022 12:19:30
Spectrum: Tune Spec :Average 1145-1147(8.64-8.65) Bgrd 1142(8.62)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 378

m/z	Y	m/z	Y	m/z	Y	m/z	Y
105.00	6831	200.00	5267	299.00	260	421.00	8876
106.00	2546	201.00	6644	300.00	278	422.00	6545
107.00	111576	203.00	6530	301.00	936	423.00	54832
108.00	16041	204.00	35744	302.00	1343	424.00	11725
109.00	3029	205.00	62368	303.00	9949	425.00	1139
110.00	214272	206.00	242496	304.00	2485	426.00	314
111.00	31232	207.00	30464	305.00	298	427.00	279
112.00	3420	208.00	7026	308.00	1091	428.00	289
113.00	1508	209.00	2216	309.00	938	429.00	349
114.00	294	210.00	1878	310.00	1082	430.00	620
115.00	313	211.00	8454	311.00	428	431.00	426
116.00	5386	213.00	627	312.00	551	432.00	679
117.00	91592	214.00	318	313.00	629	433.00	631
118.00	6120	215.00	2101	314.00	4143	434.00	987
119.00	1010	216.00	5050	315.00	9079	435.00	1148
120.00	1041	217.00	61584	316.00	5045	436.00	1381
121.00	604	218.00	8084	317.00	913	437.00	1871
122.00	6606	219.00	1068	319.00	120	438.00	2488
123.00	11022	220.00	430	320.00	420	439.00	2851
124.00	5426	221.00	60568	321.00	3171	440.00	3242
125.00	5327	222.00	2247	322.00	1398	441.00	192768
126.00	786	223.00	15598	323.00	27192	442.00	1200640
127.00	478400	224.00	145792	324.00	6171	443.00	227904
128.00	34560	225.00	34480	325.00	654	444.00	19640
129.00	191424	226.00	3711	326.00	473	445.00	1232
130.00	14459	227.00	54872	327.00	5779	446.00	59
131.00	2365	228.00	8226	328.00	2902		
132.00	1868	229.00	11283	329.00	400		

Report Date: 15-Mar-2022 09:39:27 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a005.D

Injection Date: 14-Mar-2022 12:19:30 Instrument ID: TAC040

Lims ID: DFTPP

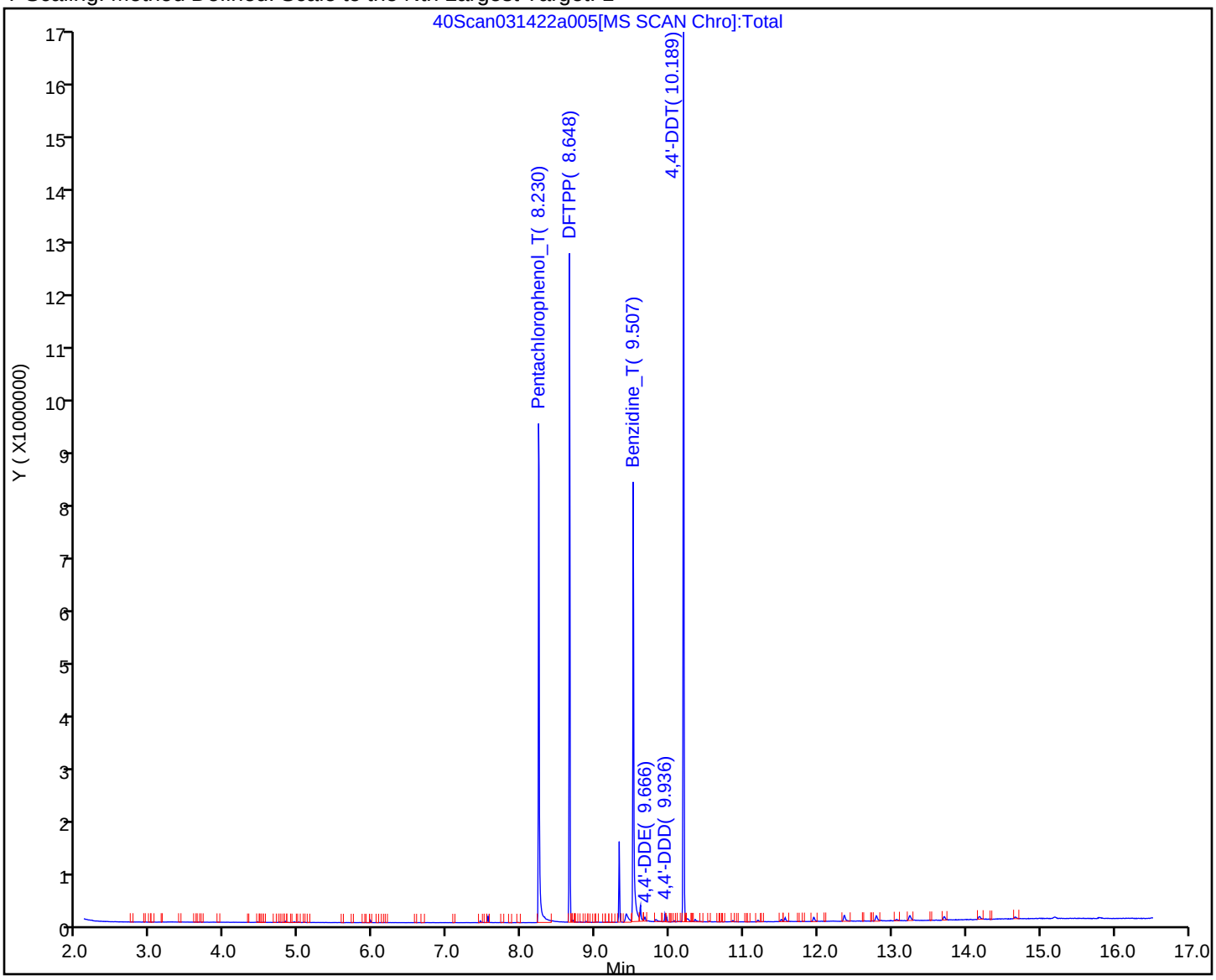
Client ID:

Operator ID: tl ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

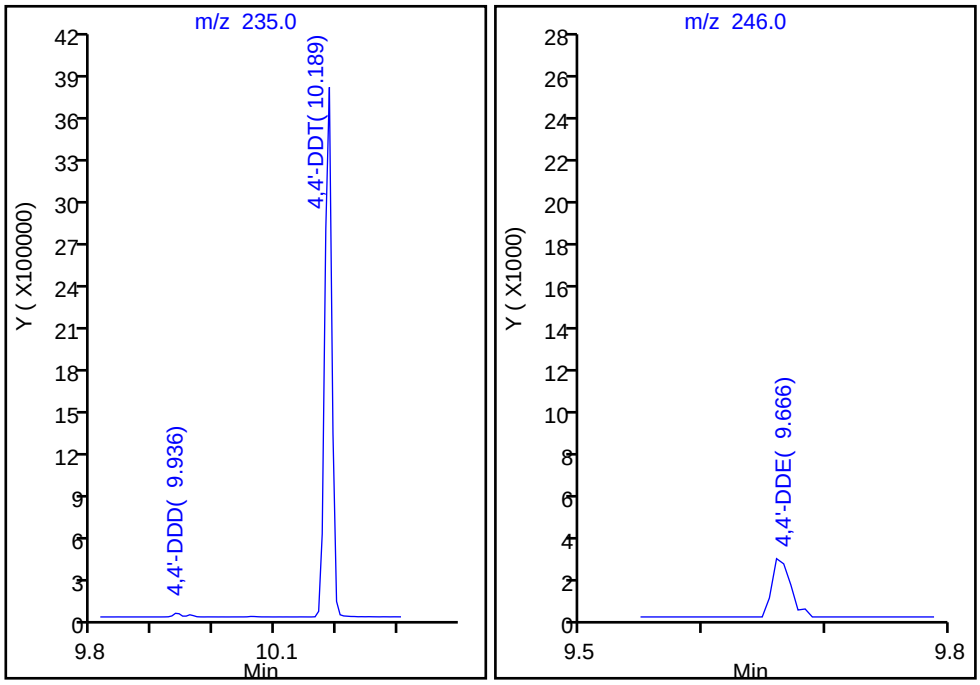


Breakdown Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a005.D
Injection Date: 14-Mar-2022 12:19:30 Instrument ID: TAC040
Lims ID: DFTPP
Client ID:
Operator ID: tl ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

125 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

125 4,4'-DDT, Area = 3002154
123 4,4'-DDE, Area = 2957
124 4,4'-DDD, Area = 22069

%Breakdown: 0.83%, <= 20.00%
Passed

Peak Tailing Report

Eurofins Seattle

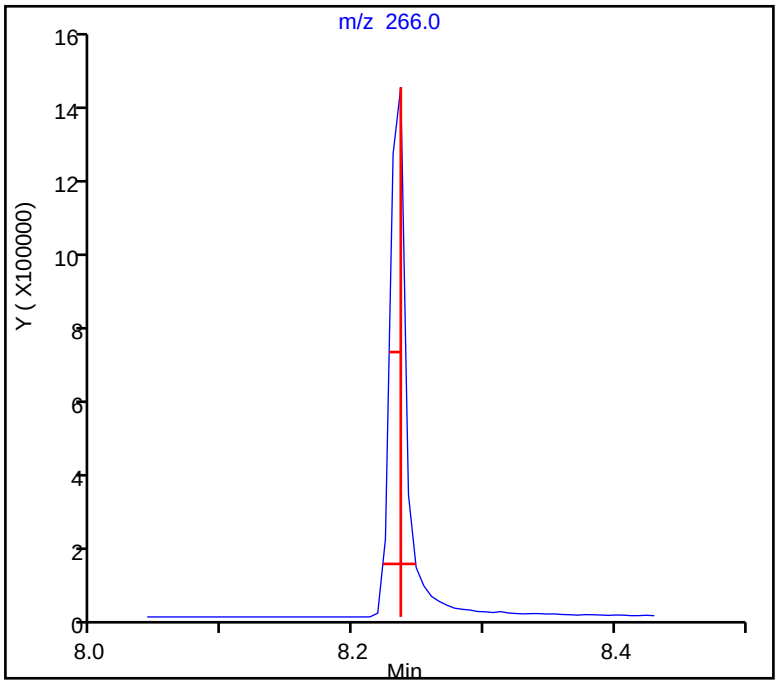
Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a005.D
Injection Date: 14-Mar-2022 12:19:30 Instrument ID: TAC040
Lims ID: DFTPP
Client ID:
Operator ID: tl ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

120 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.011 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 0.79, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Seattle

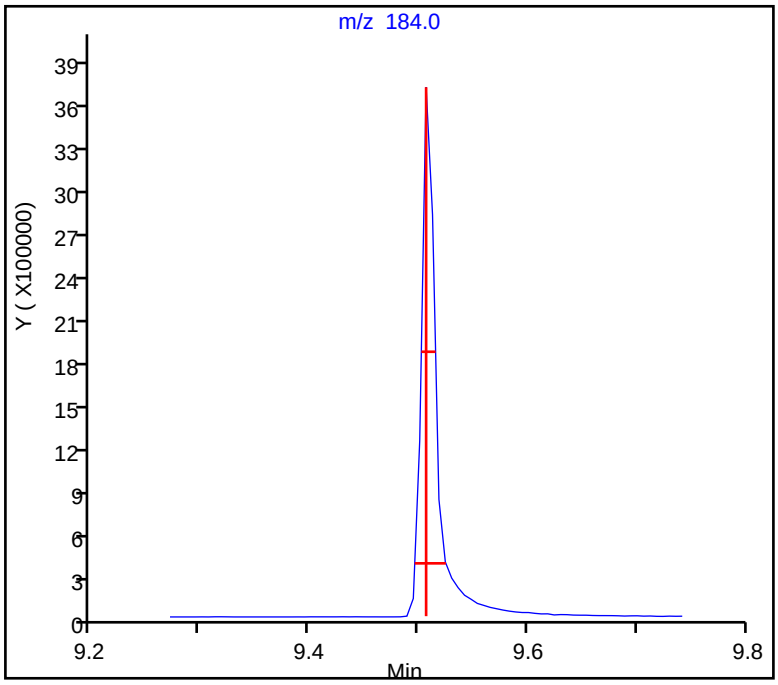
Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a005.D
Injection Date: 14-Mar-2022 12:19:30 Instrument ID: TAC040
Lims ID: DFTPP
Client ID:
Operator ID: tl ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

122 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.80, Max. Tailing <= 2.00
Passed



Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A08_.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 24-Jan-2022 16:16:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: dftpp
Operator ID: TL Instrument ID: TAC051

Method: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 27-Jan-2022 15:44:19 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1640

First Level Reviewer: limmere Date: 24-Jan-2022 16:38:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
90 4,4'-DDE	246	9.417	9.417	0.000	16	4264		NR	
93 4,4'-DDD	235	9.689	9.689	0.000	85	80559		NR	
95 4,4'-DDT	235	9.940	9.940	0.000	95	5375736	NR	NR	
123 Pentachlorophenol_T	266	7.985	7.985	0.000	87	2451646	NR	NR	
124 DFTPP									
125 Benzidine_T	184	9.262	9.262	0.000	97	8692283	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

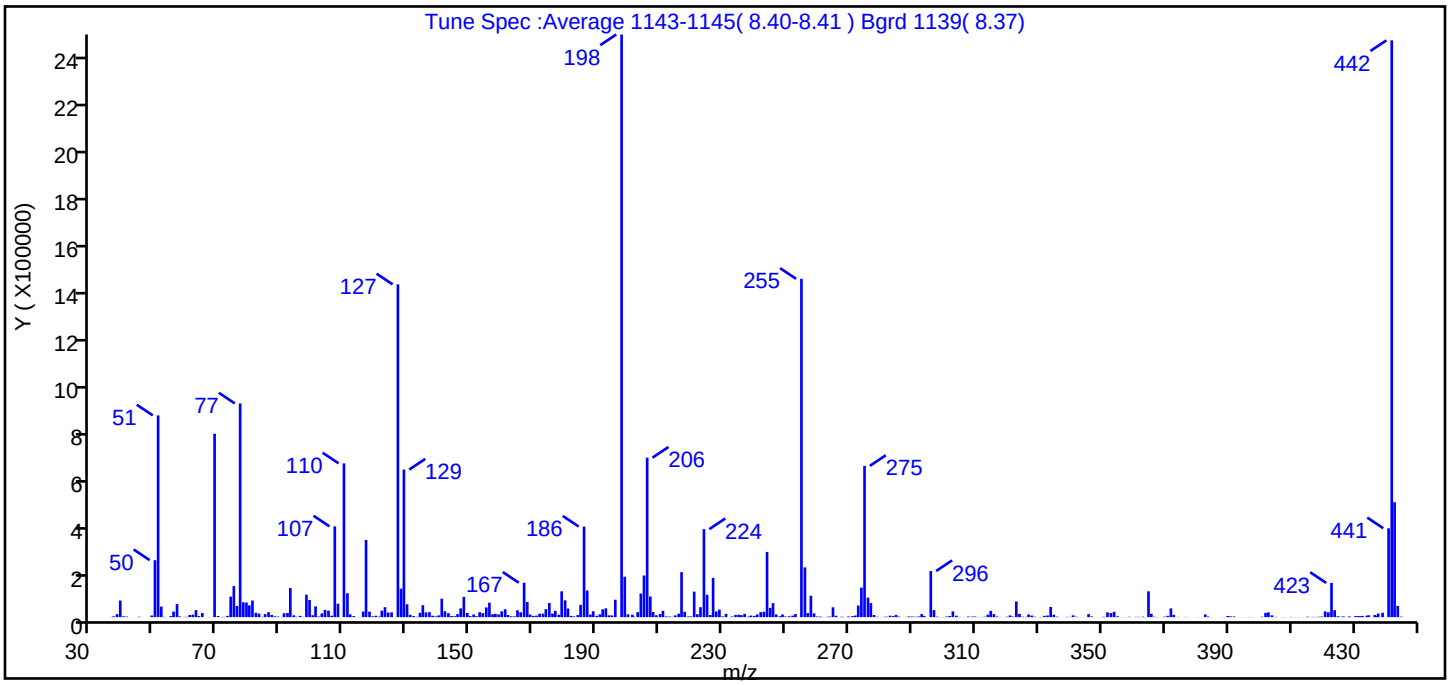
DFTPPx2_00044 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A08_.D
Injection Date: 24-Jan-2022 16:16:30 Instrument ID: TAC051
Lims ID: dftpp
Client ID:
Operator ID: TL ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Tune Method: DFTPP Method 8270E, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.0 (0.0)
69	Present	31.5
70	<2% of m/z 69	0.2 (0.6)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	6.9
365	>1% of m/z 198	4.4
441	<150% of m/z 443	15.3 (77.3)
442	Present	99.0
443	15-24% of m/z 442	19.7 (19.9)

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A08_.D\8270 TAC051.rslt\spectra.d
Injection Date: 24-Jan-2022 16:16:30
Spectrum: Tune Spec :Average 1143-1145(8.40-8.41) Bgrd 1139(8.37)
Base Peak: 197.90
Minimum % Base Peak: 0
Number of Points: 390

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	630	142.00	25360	241.00	11741	343.00	452
37.00	3630	143.00	17240	242.00	21376	344.00	225
38.00	12928	144.00	5230	243.00	23096	345.00	218
39.00	71024	145.00	3935	244.00	278976	346.00	12996
40.00	3612	146.00	12873	245.00	39704	347.00	3144
41.00	2451	147.00	37640	246.00	59880	348.00	172
44.00	416	148.00	86560	247.00	11833	349.00	212
45.00	1677	149.00	17728	248.00	4063	350.00	1141
46.00	258	150.00	4948	249.00	11408	351.00	1201
49.00	6921	151.00	11418	250.00	2686	352.00	20472
50.00	243904	152.00	4013	251.00	3867	353.00	17472
51.00	863168	153.00	21024	252.00	6390	354.00	22960
52.00	45216	154.00	17160	253.00	13193	355.00	3689
53.00	1362	155.00	41440	255.00	1447424	356.00	479
55.00	4475	156.00	61856	256.00	212800	357.00	255
56.00	23776	157.00	12354	257.00	17456	358.00	488
57.00	55920	158.00	14109	258.00	91616	359.00	1483
58.00	3137	159.00	11574	259.00	16044	360.00	182
59.00	1216	160.00	24928	260.00	2878	361.00	1177
60.00	1221	161.00	33656	261.00	2348	362.00	1324
61.00	9102	162.00	9122	262.00	830	363.00	1972
62.00	10829	163.00	3717	263.00	1401	364.00	603
63.00	30128	164.00	3381	264.00	2327	365.00	110432
64.00	4404	165.00	29144	265.00	42056	366.00	14249
65.00	17392	166.00	20560	266.00	5887	367.00	1603
66.00	71	167.00	147264	268.00	1736	368.00	629
67.00	798	168.00	64816	268.00	1051	369.00	414
69.00	784704	169.00	11002	269.00	63	370.00	2218
70.00	5017	170.00	5447	270.00	2954	371.00	5660
71.00	805	171.00	6572	271.00	4549	372.00	37552
72.00	1205	172.00	14757	272.00	6742	373.00	10021
73.00	5599	173.00	14999	273.00	49784	374.00	981
74.00	87576	174.00	34208	274.00	126344	376.00	174

Report Date: 27-Jan-2022 15:44:19 Chrom Revision: 2.3 18-Jan-2022 20:25:40
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A08_.D\8270 TAC051.rslt\spectra.d
Injection Date: 24-Jan-2022 16:16:30
Spectrum: Tune Spec :Average 1143-1145(8.40-8.41) Bgrd 1139(8.37)
Base Peak: 197.90
Minimum % Base Peak: 0
Number of Points: 390

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	132800	175.00	60456	275.00	647232	377.00	901
76.00	47752	176.00	15556	276.00	83480	378.00	227
77.00	914304	177.00	27088	277.00	60056	379.00	196
78.00	63592	178.00	10107	278.00	9239	380.00	209
79.00	62264	179.00	110488	279.00	1671	381.00	346
80.00	50320	180.00	72120	280.00	247	383.00	11481
81.00	71072	181.00	36976	281.00	1008	384.00	2775
82.00	18664	182.00	5206	282.00	2054	385.00	591
83.00	14759	183.00	3163	283.00	6264	387.00	210
84.00	1239	184.00	8725	284.00	4708	389.00	718
85.00	12986	185.00	52704	285.00	9645	390.00	4875
86.00	21424	186.00	387520	286.00	2415	391.00	3488
87.00	9390	187.00	113864	288.00	1023	392.00	3007
88.00	3385	188.00	11147	289.00	3204	393.00	296
89.00	2558	189.00	25264	290.00	2575	394.00	175
90.00	465	190.00	5660	291.00	1923	395.00	437
91.00	16720	191.00	11960	292.00	3144	396.00	288
92.00	17600	192.00	33264	293.00	12898	397.00	765
93.00	124568	193.00	37752	294.00	5248	398.00	632
94.00	7772	194.00	7828	296.00	197312	400.00	172
95.00	1630	195.00	7232	297.00	30024	401.00	1811
96.00	5523	196.00	74568	298.00	2147	402.00	18048
97.00	1150	198.00	2492928	299.00	610	403.00	20608
98.00	96176	199.00	172864	300.00	589	404.00	7694
99.00	73336	200.00	12171	301.00	2621	405.00	1161
100.00	8002	201.00	10200	302.00	4963	406.00	172
101.00	46120	202.00	2214	303.00	24856	407.00	496
102.00	2653	203.00	21520	304.00	6172	408.00	481
103.00	15883	204.00	100928	305.00	1156	410.00	1023
104.00	30960	205.00	178240	306.00	555	411.00	449
105.00	27576	206.00	682368	307.00	186	412.00	453
106.00	6049	207.00	88376	308.00	2816	413.00	300
107.00	388288	208.00	22096	309.00	2308	414.00	518
108.00	57488	209.00	7989	310.00	2547	415.00	1716

Report Date: 27-Jan-2022 15:44:19 Chrom Revision: 2.3 18-Jan-2022 20:25:40
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A08_.D\8270 TAC051.rslt\spectra.d
Injection Date: 24-Jan-2022 16:16:30
Spectrum: Tune Spec :Average 1143-1145(8.40-8.41) Bgrd 1139(8.37)
Base Peak: 197.90
Minimum % Base Peak: 0
Number of Points: 390

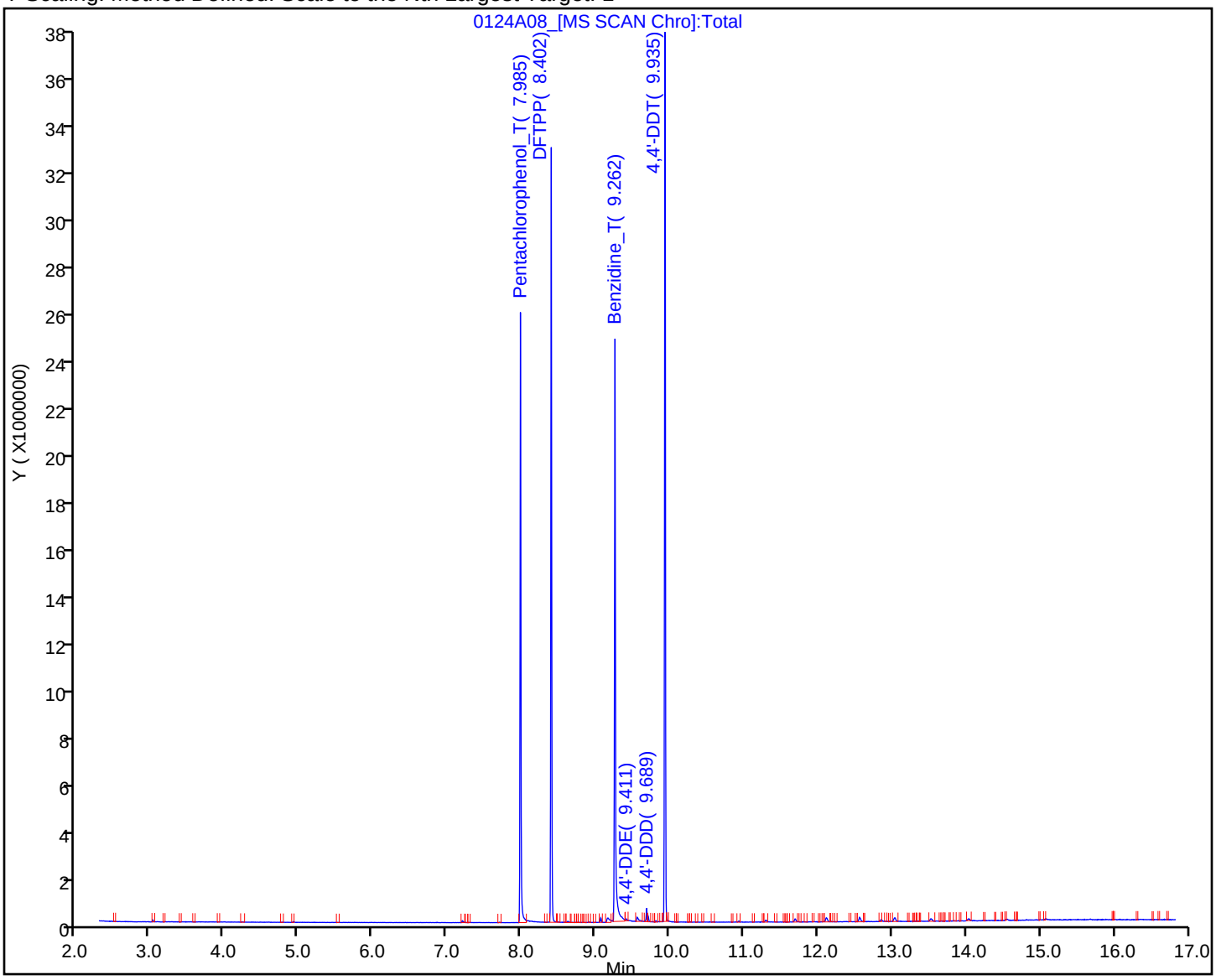
m/z	Y	m/z	Y	m/z	Y	m/z	Y
110.00	657856	210.00	12916	311.00	903	416.00	962
111.00	102232	211.00	27232	312.00	600	417.00	1196
112.00	11781	212.00	2998	313.00	1857	418.00	906
113.00	4580	213.00	2529	314.00	10500	419.00	1685
114.00	130	214.00	1342	315.00	26856	420.00	2583
115.00	859	215.00	7493	316.00	12857	421.00	24712
116.00	23880	216.00	14751	317.00	2711	422.00	20664
117.00	330432	217.00	192576	318.00	665	423.00	146432
118.00	23576	218.00	23040	319.00	183	424.00	30040
119.00	3508	219.00	2858	320.00	1631	425.00	3826
120.00	6003	220.00	3093	321.00	7290	426.00	1572
121.00	2400	221.00	109144	322.00	2520	427.00	2945
122.00	27872	222.00	12560	323.00	67304	428.00	1944
123.00	42488	223.00	42536	324.00	14029	429.00	2096
124.00	19696	224.00	376448	325.00	2016	430.00	4491
125.00	20488	225.00	95696	326.00	1309	431.00	4607
127.00	1423872	226.00	9330	327.00	11399	432.00	4418
128.00	121736	227.00	167936	328.00	6666	433.00	5029
129.00	631296	228.00	24296	329.00	1841	434.00	6376
130.00	55072	229.00	32432	330.00	586	435.00	7829
131.00	9917	230.00	3338	331.00	863	437.00	8969
132.00	4695	231.00	13975	332.00	5628	437.00	5602
133.00	1436	232.00	382	333.00	7140	438.00	15503
134.00	18576	233.00	2758	334.00	43680	439.00	18688
135.00	50920	234.00	9512	335.00	10180	441.00	380288
136.00	20288	235.00	10145	336.00	2094	442.00	2467840
137.00	21160	236.00	8508	338.00	169	443.00	491712
138.00	5955	237.00	13940	339.00	1242	444.00	48248
139.00	3521	238.00	2704	340.00	1045	445.00	2134
140.00	7368	239.00	6590	341.00	7781		
141.00	79056	240.00	5479	342.00	1919		

Report Date: 27-Jan-2022 15:44:19 Chrom Revision: 2.3 18-Jan-2022 20:25:40

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A08_.D				
Injection Date:	24-Jan-2022 16:16:30	Instrument ID:	TAC051		
Lims ID:	dftpp				
Client ID:					
Operator ID:	TL	ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270 TAC051	Limit Group:	8270D BNA QSM 5.0		

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Breakdown Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A08_.D
Injection Date: 24-Jan-2022 16:16:30 Instrument ID: TAC051
Lims ID: dftpp
Client ID:
Operator ID: TL ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

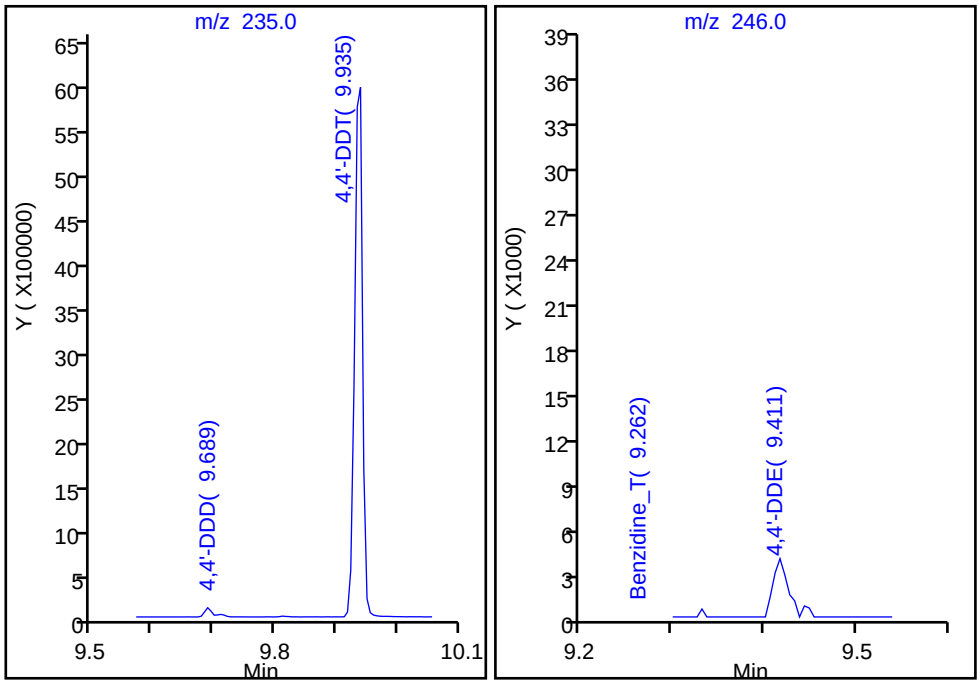
95 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

95 4,4'-DDT, Area = 5375736
90 4,4'-DDE, Area = 4264
93 4,4'-DDD, Area = 80559

%Breakdown: 1.55%, <= 20.00%
Passed



Peak Tailing Report

Eurofins Seattle

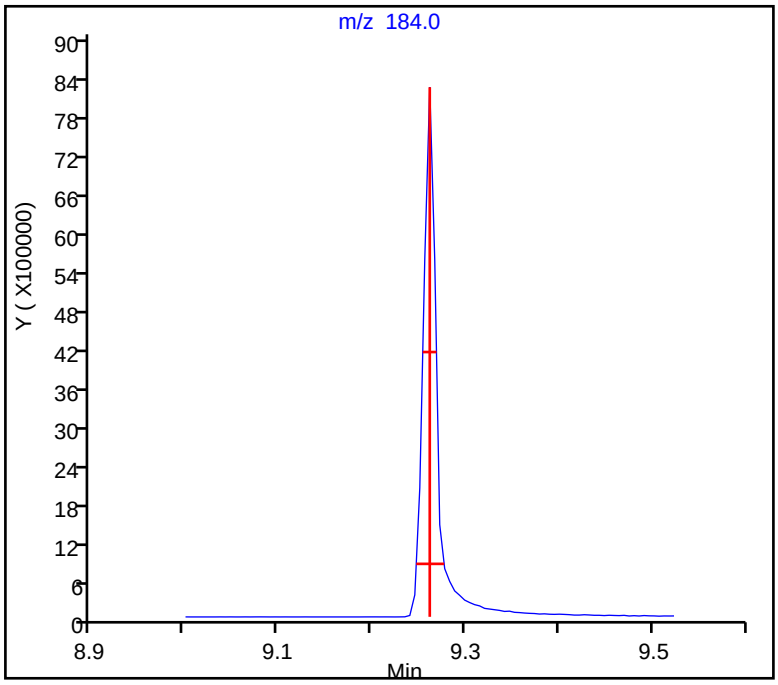
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A08_.D
Injection Date: 24-Jan-2022 16:16:30 Instrument ID: TAC051
Lims ID: dftpp
Client ID:
Operator ID: TL ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

125 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.015 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 1.07, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Seattle

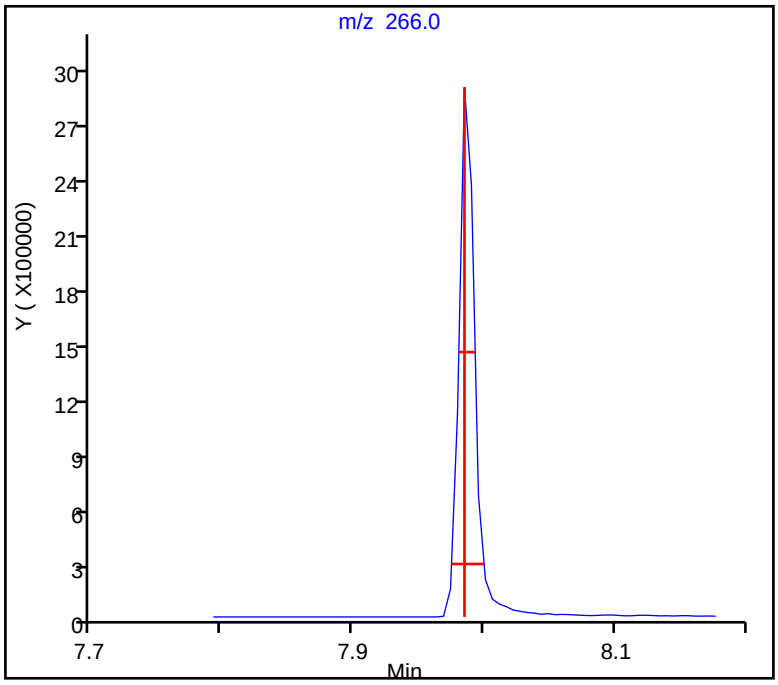
Data File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A08_.D
Injection Date: 24-Jan-2022 16:16:30 Instrument ID: TAC051
Lims ID: dftpp
Client ID:
Operator ID: TL ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

123 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.015 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.50, Max. Tailing <= 2.00
Passed



Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A03.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 18-Mar-2022 09:59:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: DFTPP
Operator ID: TL Instrument ID: TAC051

Method: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 18-Mar-2022 11:30:40 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: limmere Date: 18-Mar-2022 11:30:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
90 4,4'-DDE	246	9.388	9.388	0.000	9	5928		NR	
93 4,4'-DDD	235	9.666	9.666	0.000	91	169506		NR	
95 4,4'-DDT	235	9.912	9.912	0.000	94	4956951	NR	NR	
123 Pentachlorophenol_T	266	7.967	7.967	0.000	86	2030017	NR	NR	
124 DFTPP									
125 Benzidine_T	184	9.239	9.239	0.000	97	5071815	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

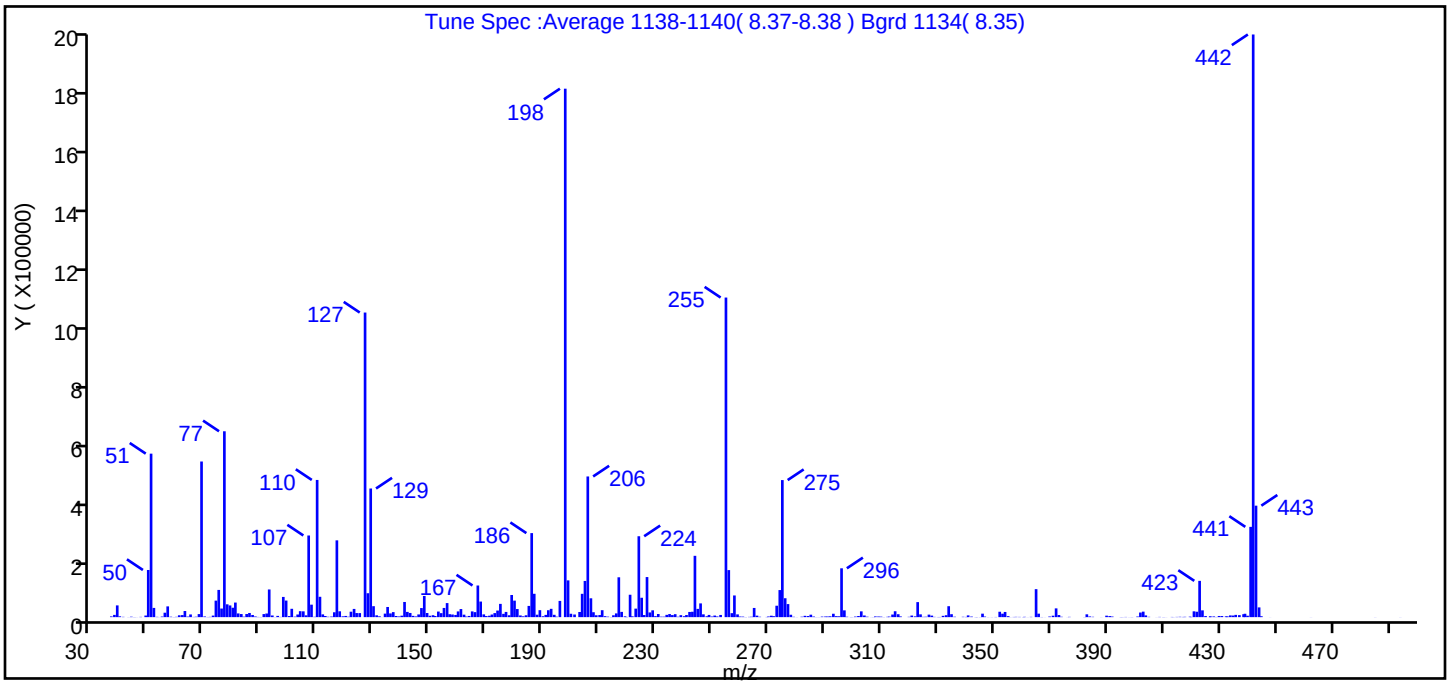
DFTPPx2_00044 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A03.D
Injection Date: 18-Mar-2022 09:59:30 Instrument ID: TAC051
Lims ID: dftpp
Client ID:
Operator ID: TL ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Tune Method: DFTPP Method 8270E, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.6 (2.0)
69	Present	29.5
70	<2% of m/z 69	0.1 (0.4)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	7.0
365	>1% of m/z 198	5.3
441	<150% of m/z 443	17.1 (81.0)
442	Present	110.3
443	15-24% of m/z 442	21.1 (19.1)

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A03.D\8270 TAC051.rslt\spectra.d
Injection Date: 18-Mar-2022 09:59:30
Spectrum: Tune Spec :Average 1138-1140(8.37-8.38) Bgrd 1134(8.35)
Base Peak: 441.90
Minimum % Base Peak: 0
Number of Points: 384

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	2445	136.00	12380	234.00	7621	335.00	9802
38.00	7488	137.00	16752	235.00	10294	336.00	1407
39.00	39048	138.00	3807	236.00	6848	339.00	1171
40.00	2736	139.00	2317	237.00	9830	340.00	704
41.00	1008	140.00	4865	238.00	1338	341.00	5863
43.00	306	141.00	50416	239.00	6532	342.00	1887
44.00	1426	142.00	17400	240.00	3073	343.00	282
45.00	466	143.00	13894	241.00	7046	344.00	474
46.00	214	144.00	4267	242.00	17240	345.00	379
47.00	883	145.00	2367	243.00	17920	346.00	11574
49.00	5291	146.00	8966	244.00	203840	347.00	1944
50.00	156736	147.00	30184	245.00	27480	348.00	326
51.00	543488	148.00	70328	246.00	45704	349.00	297
52.00	30672	149.00	13734	247.00	9357	351.00	600
53.00	1010	150.00	4606	248.00	2879	352.00	17944
54.00	196	151.00	6386	249.00	7367	353.00	11455
55.00	1955	152.00	3682	250.00	2086	354.00	17256
56.00	14722	153.00	18576	251.00	5290	355.00	3272
57.00	35792	154.00	13263	252.00	2284	356.00	295
58.00	1428	155.00	30560	253.00	7252	357.00	663
59.00	473	156.00	46736	255.00	1062400	358.00	947
60.00	1055	157.00	9780	256.00	156352	359.00	807
61.00	6169	158.00	8756	257.00	13235	360.00	418
62.00	6828	159.00	7319	258.00	72080	361.00	1062
63.00	20352	160.00	19016	259.00	9157	362.00	225
64.00	1872	161.00	26880	260.00	2009	363.00	929
65.00	8963	162.00	8214	261.00	1727	365.00	93024
66.00	740	163.00	1965	262.00	440	366.00	11569
67.00	1362	164.00	3982	263.00	877	367.00	514
68.00	10132	165.00	19096	264.00	1366	368.00	173
69.00	517376	166.00	16616	265.00	30568	370.00	2071
70.00	2281	167.00	105192	266.00	4947	371.00	4809
71.00	571	168.00	51808	267.00	1318	372.00	29152

Report Date: 18-Mar-2022 11:30:41 Chrom Revision: 2.3 16-Feb-2022 17:52:00
Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A03.D\8270 TAC051.rslt\spectra.d
Injection Date: 18-Mar-2022 09:59:30
Spectrum: Tune Spec :Average 1138-1140(8.37-8.38) Bgrd 1134(8.35)
Base Peak: 441.90
Minimum % Base Peak: 0
Number of Points: 384

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	890	169.00	9213	269.00	660	373.00	6964
73.00	5174	170.00	3623	270.00	2165	374.00	1276
74.00	54904	171.00	4689	271.00	4745	376.00	188
75.00	90520	172.00	8671	272.00	3234	377.00	945
76.00	28648	173.00	13441	273.00	37952	382.00	464
77.00	617856	174.00	21896	274.00	90008	383.00	9374
78.00	42632	175.00	44096	275.00	455616	384.00	2311
79.00	38888	176.00	10965	276.00	62856	385.00	1201
80.00	31304	177.00	17320	277.00	43392	388.00	216
81.00	48480	178.00	6226	278.00	7973	390.00	4899
82.00	12334	179.00	73624	279.00	1187	391.00	3515
83.00	10293	180.00	54864	280.00	249	392.00	2033
84.00	1603	181.00	26936	282.00	1492	395.00	462
85.00	10335	182.00	5632	283.00	4396	396.00	321
86.00	13829	183.00	2771	284.00	3676	397.00	678
87.00	7193	184.00	6167	285.00	8176	398.00	240
88.00	2160	185.00	37296	286.00	1970	399.00	419
89.00	703	186.00	279360	287.00	368	401.00	1982
90.00	530	187.00	77632	288.00	327	402.00	15311
91.00	10205	188.00	8077	289.00	1820	403.00	18296
92.00	12068	189.00	23120	290.00	2119	404.00	5749
93.00	91992	190.00	2961	291.00	2046	405.00	1069
94.00	5483	191.00	7503	292.00	2762	408.00	193
95.00	373	192.00	22992	293.00	11287	409.00	804
96.00	4183	193.00	27648	294.00	3207	410.00	453
97.00	765	194.00	7764	295.00	2893	411.00	210
98.00	67208	195.00	1669	296.00	162368	413.00	675
99.00	55120	196.00	53944	297.00	22536	414.00	290
100.00	3634	198.00	1756672	298.00	1393	415.00	779
101.00	27760	199.00	122216	299.00	491	416.00	1185
102.00	1707	200.00	11254	300.00	236	417.00	705
103.00	8749	201.00	8780	301.00	1891	418.00	1080
104.00	19784	203.00	17072	302.00	3754	420.00	1614
105.00	19320	204.00	77520	303.00	19248	420.00	603

Report Date: 18-Mar-2022 11:30:41 Chrom Revision: 2.3 16-Feb-2022 17:52:00
Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A03.D\8270 TAC051.rslt\spectra.d
Injection Date: 18-Mar-2022 09:59:30
Spectrum: Tune Spec :Average 1138-1140(8.37-8.38) Bgrd 1134(8.35)
Base Peak: 441.90
Minimum % Base Peak: 0
Number of Points: 384

m/z	Y	m/z	Y	m/z	Y	m/z	Y
106.00	6032	205.00	120352	304.00	5500	421.00	19352
107.00	271424	206.00	467648	305.00	1555	422.00	17992
108.00	41480	207.00	62672	306.00	234	423.00	120616
109.00	1212	208.00	16370	307.00	386	424.00	22552
110.00	456064	209.00	6250	308.00	2400	425.00	3572
111.00	67664	210.00	6962	309.00	2084	427.00	1425
112.00	9232	211.00	23080	310.00	1657	427.00	2671
113.00	3786	212.00	3209	311.00	362	428.00	2378
114.00	1301	213.00	1681	312.00	1047	429.00	624
115.00	1994	214.00	513	313.00	1832	430.00	3846
116.00	16219	215.00	6206	314.00	8651	431.00	3642
117.00	255296	216.00	12470	315.00	19600	432.00	2651
118.00	19408	217.00	132480	316.00	9707	433.00	2215
119.00	2720	218.00	17504	317.00	2398	434.00	5726
120.00	3991	219.00	2676	320.00	1084	435.00	5301
121.00	1442	220.00	686	321.00	5240	436.00	7522
122.00	18088	221.00	74480	322.00	2553	437.00	6656
123.00	27344	222.00	2722	323.00	49952	438.00	9689
124.00	13600	223.00	28320	324.00	9260	439.00	11238
125.00	13444	224.00	268928	325.00	972	440.00	4717
127.00	1012544	225.00	64440	326.00	1375	441.00	300096
128.00	79504	226.00	7010	327.00	8356	442.00	1936896
129.00	427648	227.00	133248	328.00	5077	443.00	370560
130.00	36432	228.00	15624	329.00	917	444.00	32392
131.00	6077	229.00	22664	330.00	537	445.00	2985
132.00	2773	230.00	3275	331.00	591	448.00	169
133.00	181	231.00	10371	332.00	4348	462.00	193
134.00	11678	232.00	1655	333.00	6354	485.00	244
135.00	33784	233.00	1618	334.00	36344	494.00	234

Report Date: 18-Mar-2022 11:30:41 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A03.D

Injection Date: 18-Mar-2022 09:59:30 Instrument ID: TAC051

Lims ID: dftpp

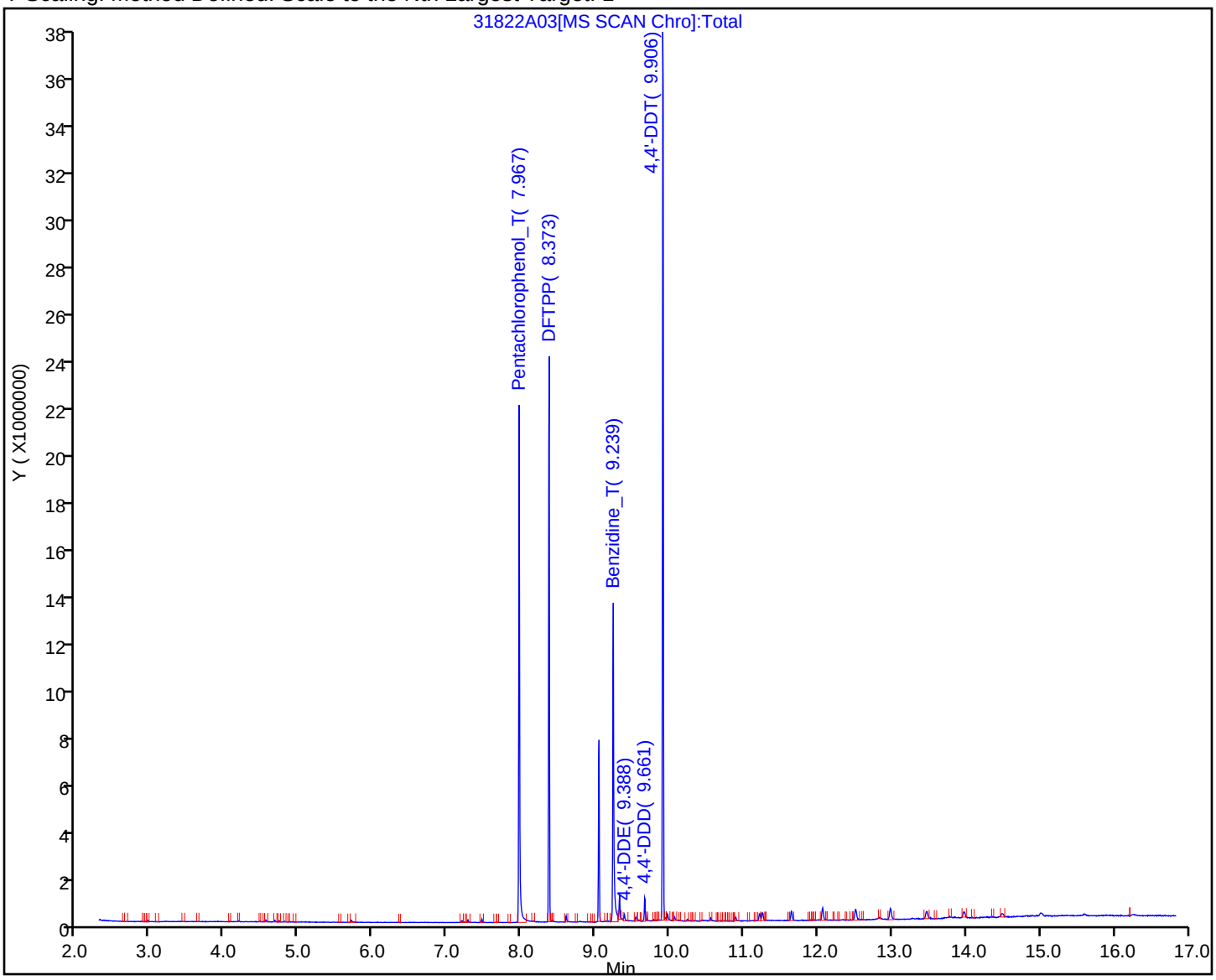
Client ID:

Operator ID: TL ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Breakdown Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A03.D
Injection Date: 18-Mar-2022 09:59:30 Instrument ID: TAC051
Lims ID: dftpp
Client ID:
Operator ID: TL ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

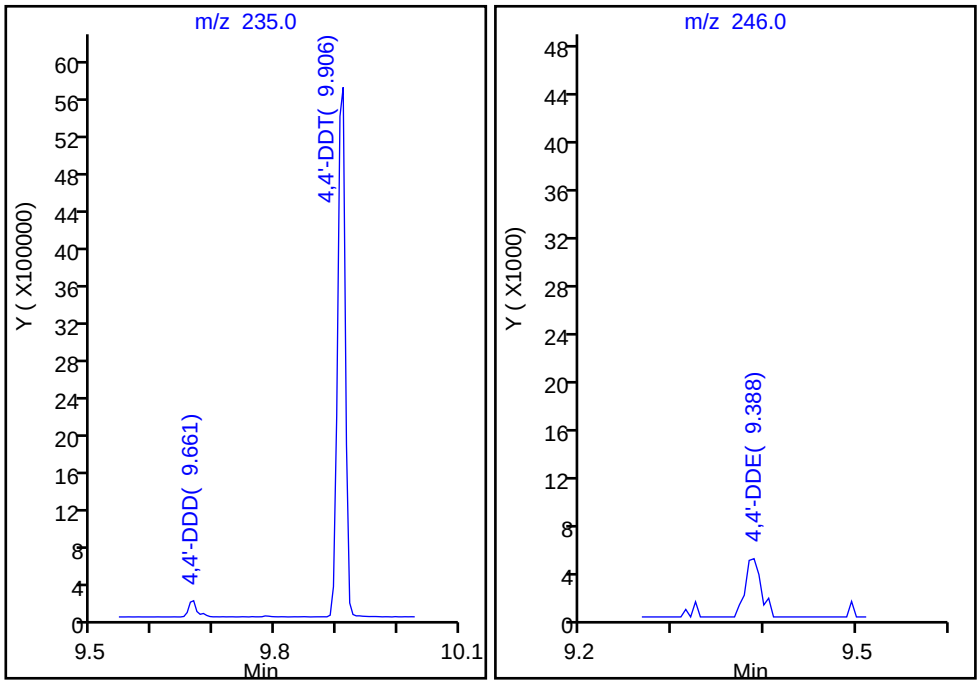
95 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

95 4,4'-DDT, Area = 4956951
90 4,4'-DDE, Area = 5928
93 4,4'-DDD, Area = 169506

%Breakdown: 3.42%, <= 20.00%
Passed



Peak Tailing Report

Eurofins Seattle

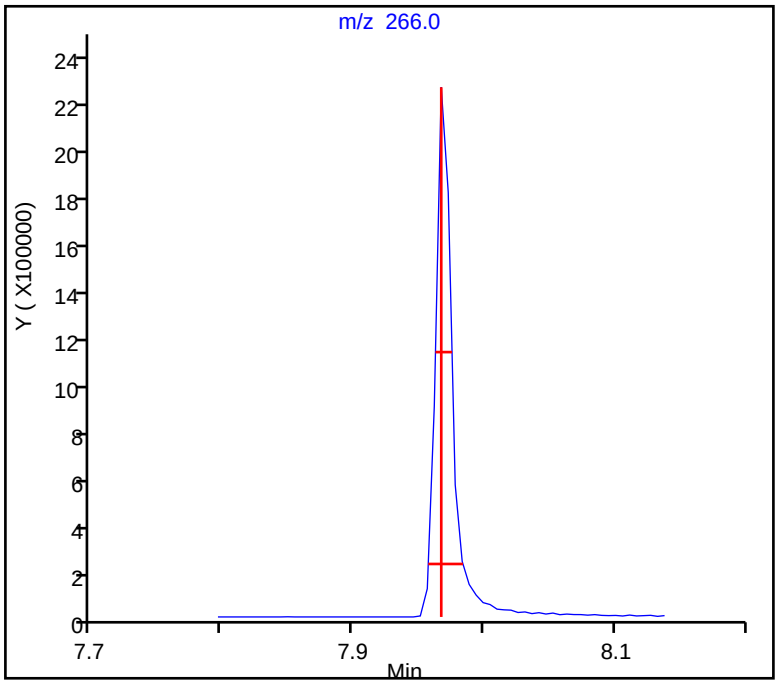
Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A03.D
Injection Date: 18-Mar-2022 09:59:30 Instrument ID: TAC051
Lims ID: dftpp
Client ID:
Operator ID: TL ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

123 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.70, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Seattle

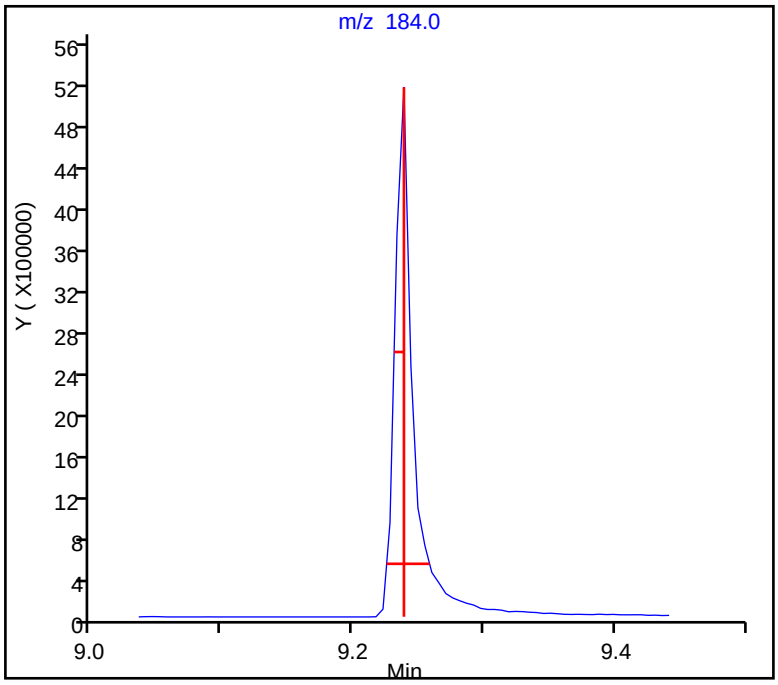
Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A03.D
Injection Date: 18-Mar-2022 09:59:30 Instrument ID: TAC051
Lims ID: dftpp
Client ID:
Operator ID: TL ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

125 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.020 (min.)
Front Width = 0.013 (min.)

Tailing Factor = 1.54, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-383558/1-A

Matrix: Water | Lab File ID: 40Scan031422a008.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 1000(mL) | Date Analyzed: 03/14/2022 13:36

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383728 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
120-82-1	1,2,4-Trichlorobenzene	0.30	U	0.40	0.30	0.090
95-50-1	1,2-Dichlorobenzene	0.15	U	0.40	0.15	0.050
541-73-1	1,3-Dichlorobenzene	0.090	U	0.40	0.090	0.040
106-46-7	1,4-Dichlorobenzene	0.090	U	0.40	0.090	0.040
95-95-4	2,4,5-Trichlorophenol	0.30	U	0.40	0.30	0.10
88-06-2	2,4,6-Trichlorophenol	0.30	U	0.60	0.30	0.10
120-83-2	2,4-Dichlorophenol	0.50	U	1.0	0.50	0.20
105-67-9	2,4-Dimethylphenol	0.50	U	4.0	0.50	0.16
121-14-2	2,4-Dinitrotoluene	0.30	U	1.0	0.30	0.10
606-20-2	2,6-Dinitrotoluene	0.30	U	0.40	0.30	0.10
91-58-7	2-Chloronaphthalene	0.15	U M	1.0	0.15	0.070
95-57-8	2-Chlorophenol	0.15	U	1.0	0.15	0.050
88-75-5	2-Nitrophenol	0.15	U	1.0	0.15	0.070
91-94-1	3,3'-Dichlorobenzidine	0.60	U	1.0	0.60	0.26
101-55-3	4-Bromophenyl phenyl ether	0.15	U	0.60	0.15	0.060
59-50-7	4-Chloro-3-methylphenol	0.30	U	0.60	0.30	0.13
7005-72-3	4-Chlorophenyl phenyl ether	0.15	U	0.60	0.15	0.050
103-33-3	Azobenzene	0.15	U M	2.0	0.15	0.060
111-91-1	Bis(2-chloroethoxy)methane	0.15	U	0.60	0.15	0.050
111-44-4	Bis(2-chloroethyl)ether	0.090	U	0.10	0.090	0.030
108-60-1	bis (2-chloroisopropyl) ether	0.15	U	0.25	0.15	0.060
85-68-7	Butyl benzyl phthalate	0.60	U	4.0	0.60	0.27
84-66-2	Diethyl phthalate	0.177	J	1.0	0.30	0.15
131-11-3	Dimethyl phthalate	0.15	U	0.60	0.15	0.060
84-74-2	Di-n-butyl phthalate	0.50	U	3.0	0.50	0.19
117-84-0	Di-n-octyl phthalate	0.30	U M	1.0	0.30	0.13
118-74-1	Hexachlorobenzene	0.090	U	0.60	0.090	0.040
87-68-3	Hexachlorobutadiene	0.15	U	1.0	0.15	0.060
77-47-4	Hexachlorocyclopentadiene	0.30	U	1.0	0.30	0.14
67-72-1	Hexachloroethane	0.15	U	1.0	0.15	0.050
78-59-1	Isophorone	0.30	U	0.40	0.30	0.10
15831-10-4	m+p-Cresol	0.30	U M	0.60	0.30	0.10
98-95-3	Nitrobenzene	0.090	U	1.0	0.090	0.040
62-75-9	N-Nitrosodimethylamine	0.60	U	2.0	0.60	0.26

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-383558/1-A

Matrix: Water | Lab File ID: 40Scan031422a008.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 1000(mL) | Date Analyzed: 03/14/2022 13:36

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383728 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
621-64-7	N-Nitrosodi-n-propylamine	0.090	U	0.40	0.090	0.060
86-30-6	N-Nitrosodiphenylamine	0.15	U M	1.0	0.15	0.070
95-48-7	o-Cresol	0.15	U	0.60	0.15	0.050
87-86-5	Pentachlorophenol	1.0	U	10	1.0	0.51
108-95-2	Phenol	0.60	U M	1.0	0.60	0.36
129-00-0	Pyrene	0.090	U	1.0	0.090	0.040
110-86-1	Pyridine	3.2	U	10	3.2	1.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	54		43-140
321-60-8	2-Fluorobiphenyl	83		44-119
367-12-4	2-Fluorophenol (Surr)	43		19-119
4165-60-0	Nitrobenzene-d5 (Surr)	69		44-120
4165-62-2	Phenol-d5 (Surr)	26		10-120
1718-51-0	Terphenyl-d14	97		50-134

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a008.D
Lims ID: MB 580-383558/1-A
Client ID:
Sample Type: MB
Inject. Date: 14-Mar-2022 13:36:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: MB 580-383558/1-A
Operator ID: tl Instrument ID: TAC040

Method: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 15-Mar-2022 10:03:10 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: thaneeratw Date: 15-Mar-2022 10:03:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.701	4.701	0.000	87	28143	100.0	100.0	
* 2 Naphthalene-d8	136	5.730	5.731	-0.001	95	88359	100.0	100.0	
* 3 Acenaphthene-d10	164	7.166	7.166	0.000	89	35421	100.0	100.0	
* 4 Phenanthrene-d10	188	8.383	8.383	0.000	95	65484	100.0	100.0	
* 5 Chrysene-d12	240	10.589	10.589	0.000	94	50807	100.0	100.0	
* 6 Perylene-d12	264	12.106	12.107	-0.001	89	51569	100.0	100.0	
$ 7 2-Fluorophenol	112	3.659	3.654	0.005	76	114155	1000.0	430.1	
$ 8 Phenol-d5	99	4.430	4.431	-0.001	97	71905	1000.0	256.8	
$ 9 Nitrobenzene-d5	82	5.154	5.154	0.000	77	116395	1000.0	685.8	
$ 10 2-Fluorobiphenyl	172	6.624	6.625	-0.001	98	373661	1000.0	825.9	
$ 11 2,4,6-Tribromophenol	330	7.813	7.819	-0.006	87	65102	1000.0	539.2	
$ 12 Terphenyl-d14	244	9.707	9.707	0.000	97	463742	1000.0	971.8	
26 Cyclohexanone	55	4.589	4.542	0.047	35	2382		NC	
21 n-Decane	57	4.589	4.589	0.000	81	12224		88.0	
29 Acetophenone	105	5.030	5.036	-0.006	65	3992		11.8	
41 Naphthalene	128	5.748	5.748	0.000	16	2200		2.72	
46 2-Methylnaphthalene	142	6.319	6.319	0.000	1	778		1.53	
47 1-Methylnaphthalene	142	6.395	6.395	0.000	1	939		1.89	
52 1,1'-Biphenyl	154	6.701	6.701	0.000	45	3311		6.94	
55 Dimethyl phthalate	163	6.966	6.966	0.000	63	3183		6.46	
58 Acenaphthylene	152	7.048	7.054	-0.006	52	2687		4.69	
60 Acenaphthene	153	7.195	7.195	0.000	37	2131		5.45	
66 Diethyl phthalate	149	7.548	7.548	0.000	93	39076		88.3	
67 Fluorene	166	7.618	7.619	-0.001	40	1741		4.20	
79 Phenanthrene	178	8.401	8.401	0.000	78	15163		22.6	
80 Anthracene	178	8.442	8.442	0.000	5	3264		5.25	a
81 Carbazole	167	8.589	8.583	0.006	1	1128		2.50	
83 Di-n-butyl phthalate	149	8.889	8.895	-0.006	72	11706		15.7	
84 Fluoranthene	202	9.377	9.377	0.000	35	7793		11.7	
86 Pyrene	202	9.560	9.560	0.000	82	6874		9.98	
88 Nonylphenol	135	9.707	9.743	-0.029	0	1257		NC	
87 Butyl benzyl phthalate	149	10.118	10.124	-0.006	59	5740		19.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
89 Benzo[a]anthracene	228	10.577	10.577	0.000	1	1407		3.91	
90 Chrysene	228	10.612	10.612	-0.001	17	2209		4.16	M
92 Bis(2-ethylhexyl) phthalate	149	10.648	10.648	0.000	85	34361		82.6	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

MeCl2_CT_00216	Amount Added: 1.00	Units: mL	Run Reagent
8270SIM_IS_00069	Amount Added: 10.00	Units: uL	Run Reagent

Report Date: 15-Mar-2022 10:03:11 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a008.D

Injection Date: 14-Mar-2022 13:36:30 Instrument ID: TAC040

Lims ID: MB 580-383558/1-A

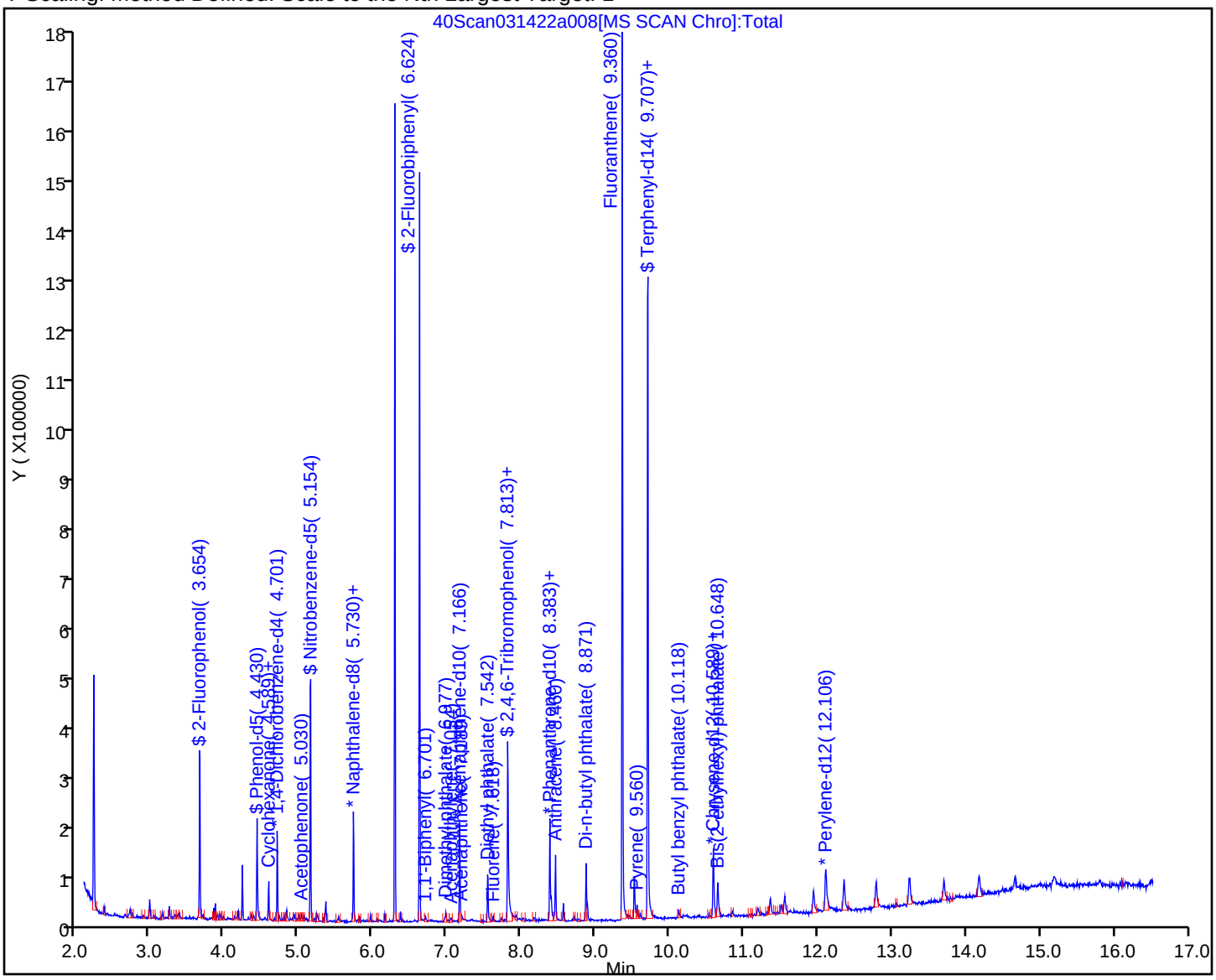
Client ID:

Operator ID: tl ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Seattle
Recovery Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a008.D
Lims ID: MB 580-383558/1-A
Client ID:
Sample Type: MB
Inject. Date: 14-Mar-2022 13:36:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: MB 580-383558/1-A
Operator ID: tl Instrument ID: TAC040

Method: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 15-Mar-2022 10:03:10 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1650

First Level Reviewer: thaneeratw Date: 15-Mar-2022 10:03:10

Compound	Amount Added	Amount Recovered	% Rec.
$ 7 2-Fluorophenol	1000.0	430.1	43.01
$ 8 Phenol-d5	1000.0	256.8	25.68
$ 9 Nitrobenzene-d5	1000.0	685.8	68.58
$ 10 2-Fluorobiphenyl	1000.0	825.9	82.59
$ 11 2,4,6-Tribromophenol	1000.0	539.2	53.92
$ 12 Terphenyl-d14	1000.0	971.8	97.18

Report Date: 15-Mar-2022 10:03:11 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a008.D

Injection Date: 14-Mar-2022 13:36:30 Instrument ID: TAC040

Lims ID: MB 580-383558/1-A

Client ID:

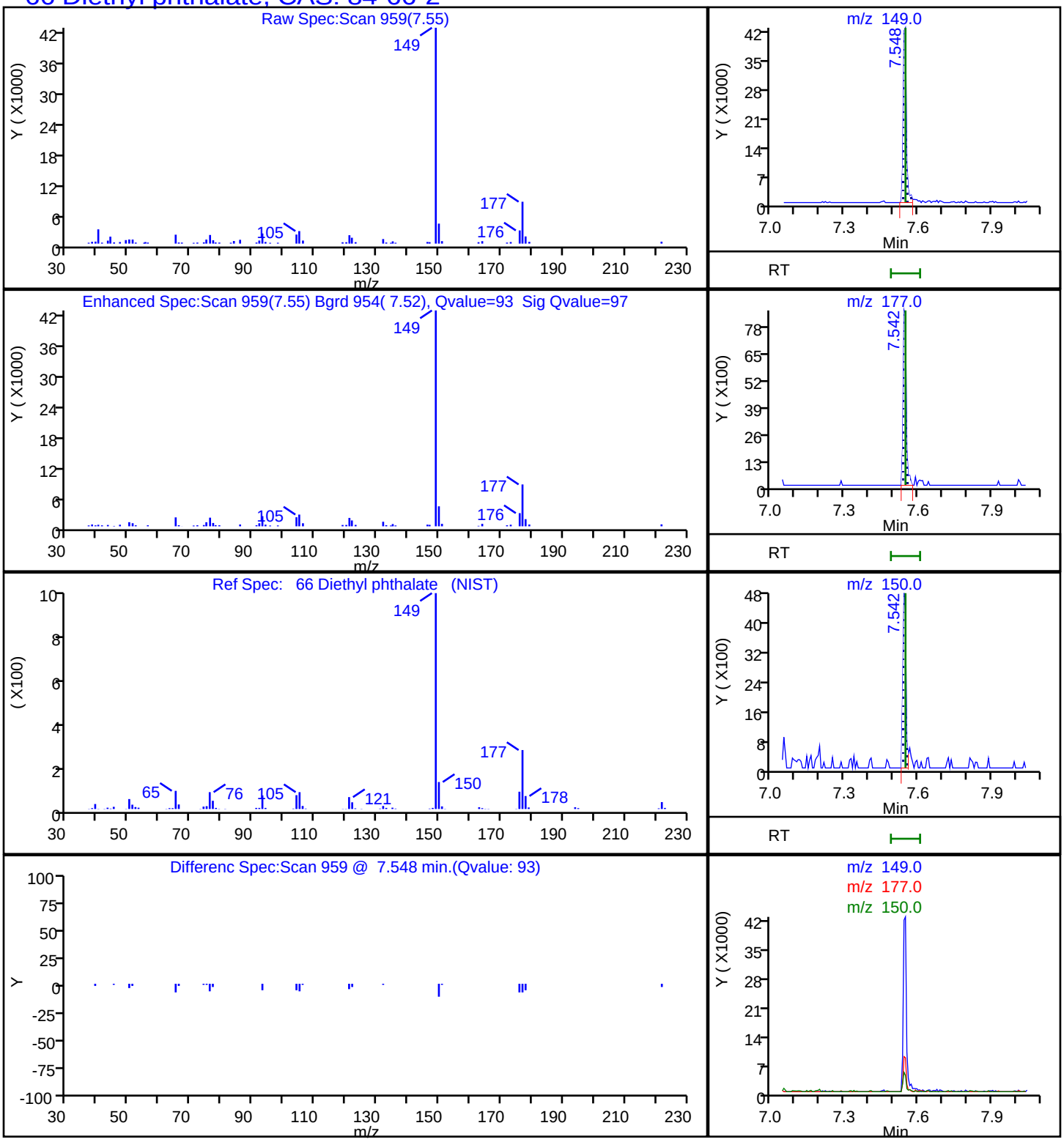
Operator ID: tl ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Column: Detector MS SCAN

66 Diethyl phthalate, CAS: 84-66-2



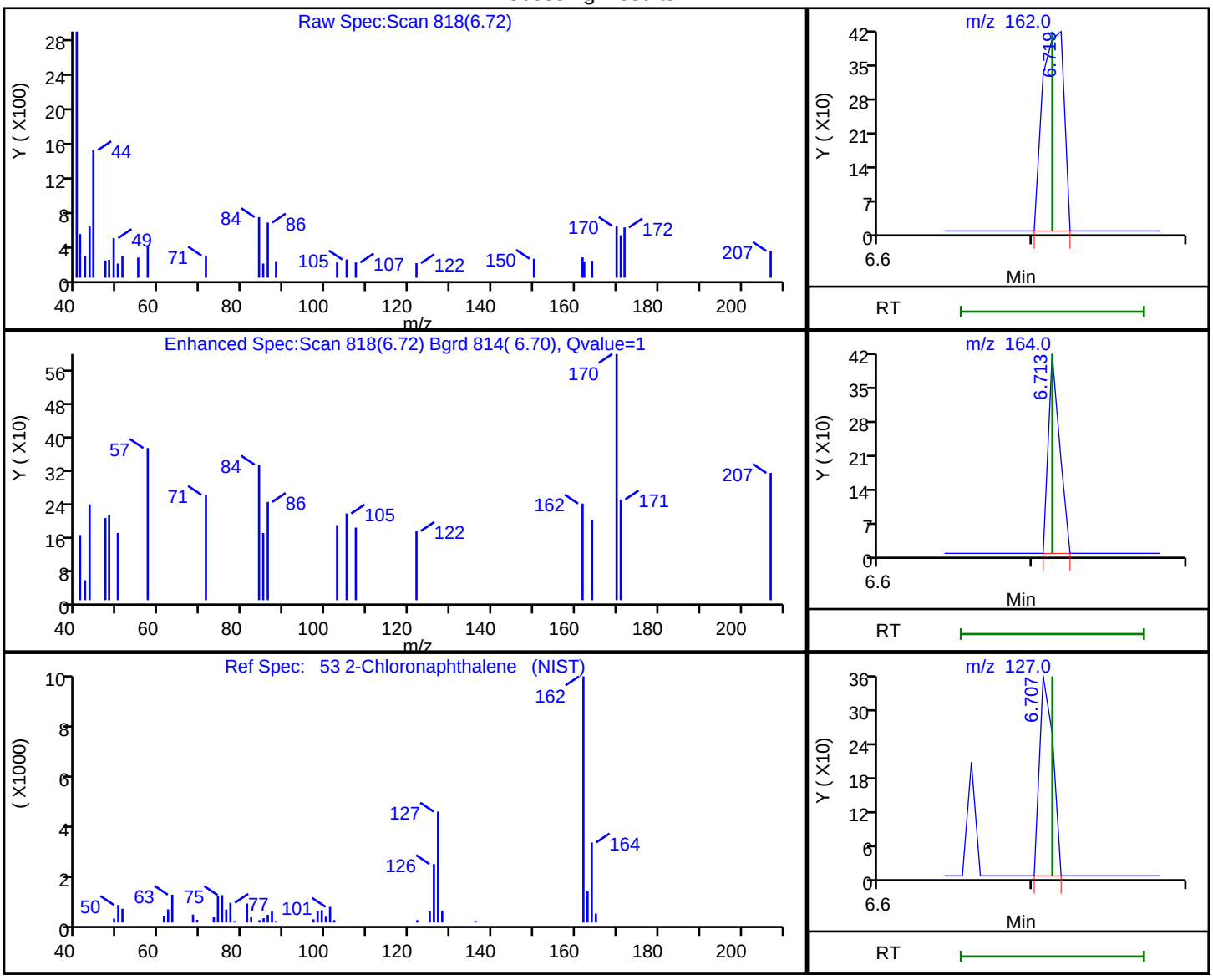
User Disabled Compound Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a008.D
Injection Date: 14-Mar-2022 13:36:30 Instrument ID: TAC040
Lims ID: MB 580-383558/1-A
Client ID:
Operator ID: tl ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

53 2-Chloronaphthalene, CAS: 91-58-7

Processing Results



RT	Mass	Response	Amount
6.72	162.00	404	1.019918
6.71	164.00	217	
6.71	127.00	215	

Reviewer: thaneeratw, 15-Mar-2022 09:59:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

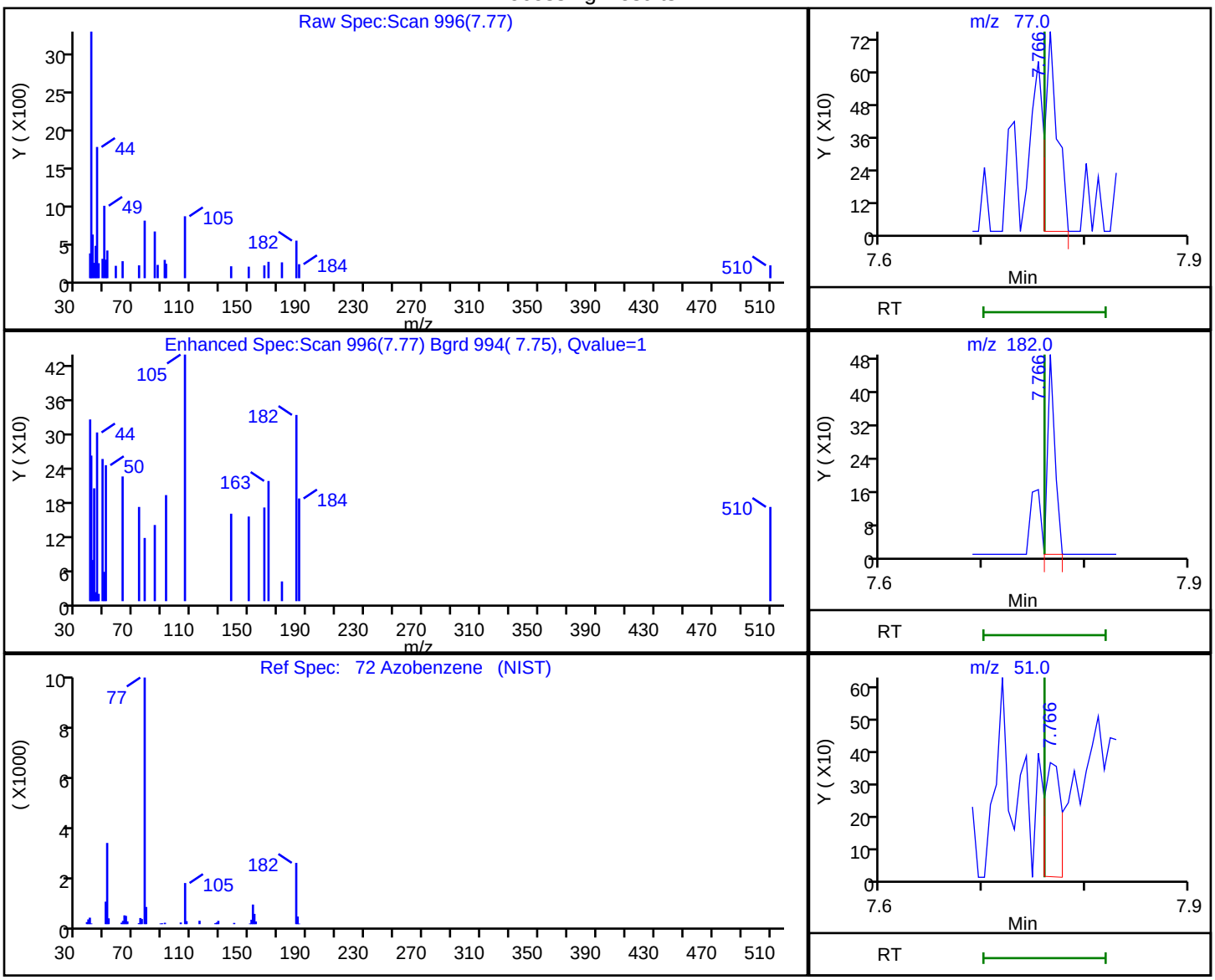
User Disabled Compound Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a008.D
Injection Date: 14-Mar-2022 13:36:30 Instrument ID: TAC040
Lims ID: MB 580-383558/1-A
Client ID:
Operator ID: tl ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

72 Azobenzene, CAS: 103-33-3

Processing Results



RT	Mass	Response	Amount
7.77	77.00	618	2.280456
7.77	182.00	237	
7.77	51.00	407	

Reviewer: thaneeratw, 15-Mar-2022 10:02:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

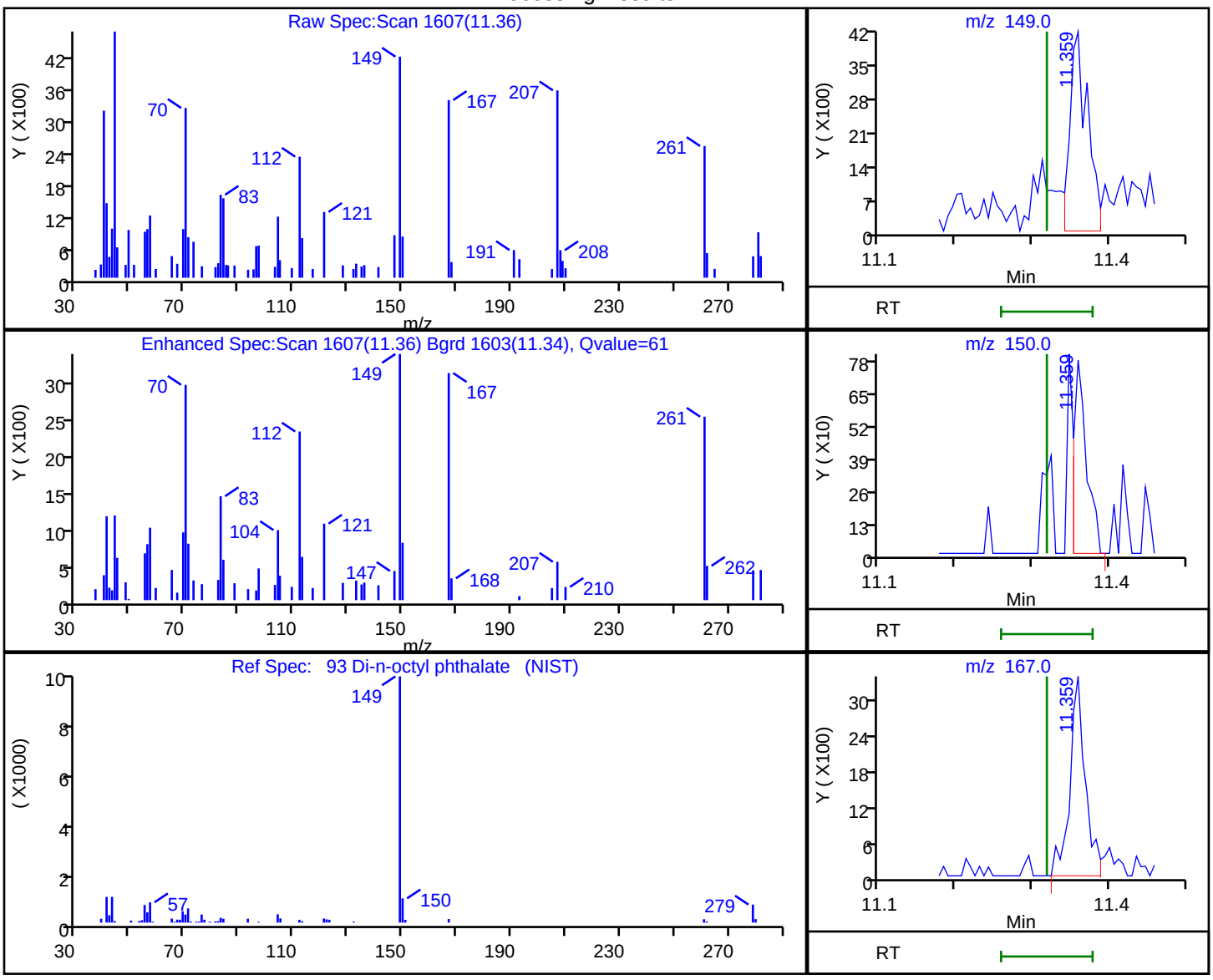
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a008.D				
Injection Date:	14-Mar-2022 13:36:30	Instrument ID:	TAC040		
Lims ID:	MB 580-383558/1-A				
Client ID:					
Operator ID:	tl	ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270TAC040	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

93 Di-n-octyl phthalate, CAS: 117-84-0

Processing Results



RT	Mass	Response	Amount
11.36	149.00	6803	22.593108
11.36	150.00	904	
11.36	167.00	4729	

Reviewer: thaneeratw, 15-Mar-2022 10:02:47

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

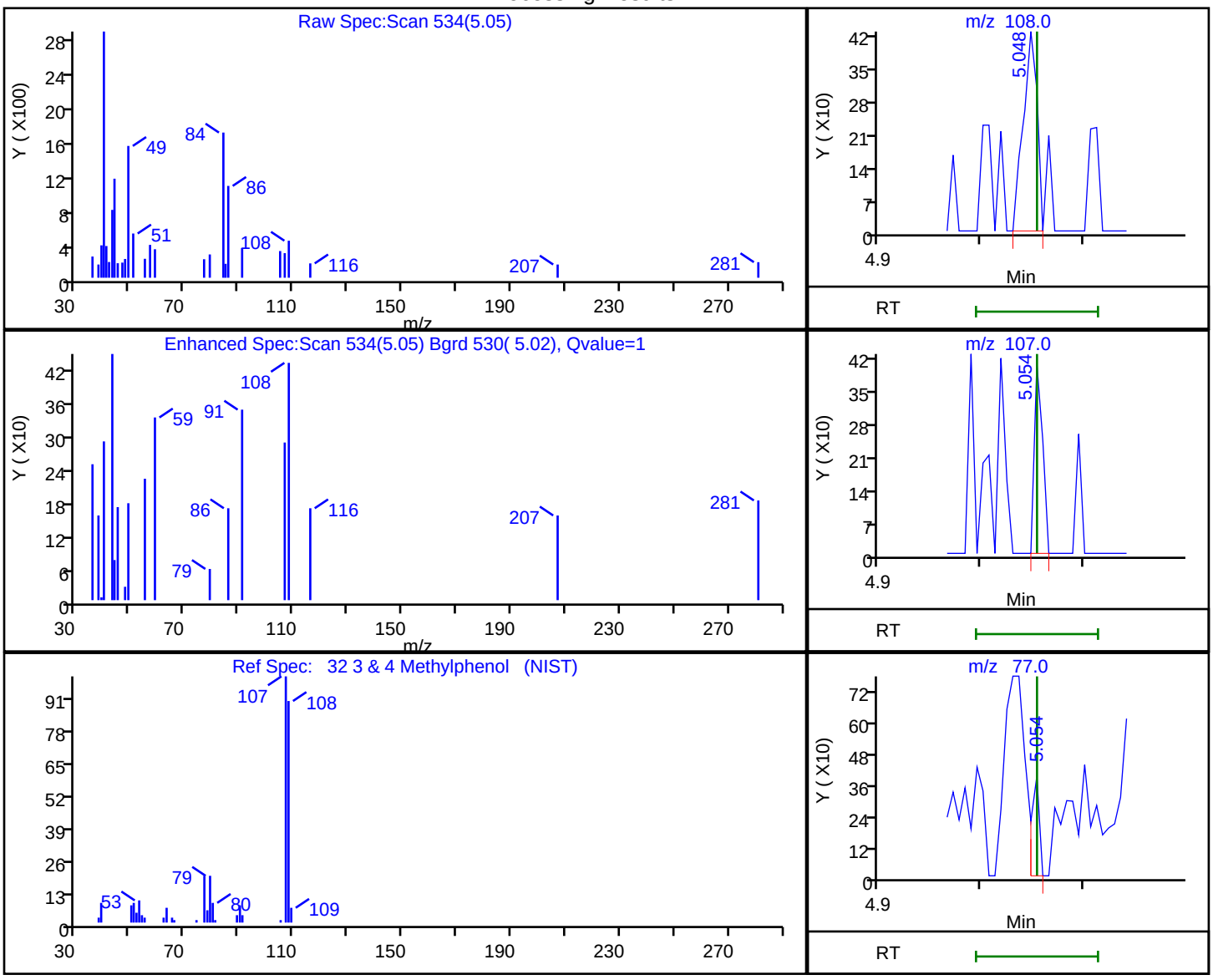
User Disabled Compound Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a008.D
Injection Date: 14-Mar-2022 13:36:30 Instrument ID: TAC040
Lims ID: MB 580-383558/1-A
Client ID:
Operator ID: tl ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

32 3 & 4 Methylphenol, CAS: 15831-10-4

Processing Results



RT	Mass	Response	Amount
5.05	108.00	403	1.756073
5.05	107.00	228	
5.05	77.00	213	

Reviewer: thaneeratw, 15-Mar-2022 09:56:18
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

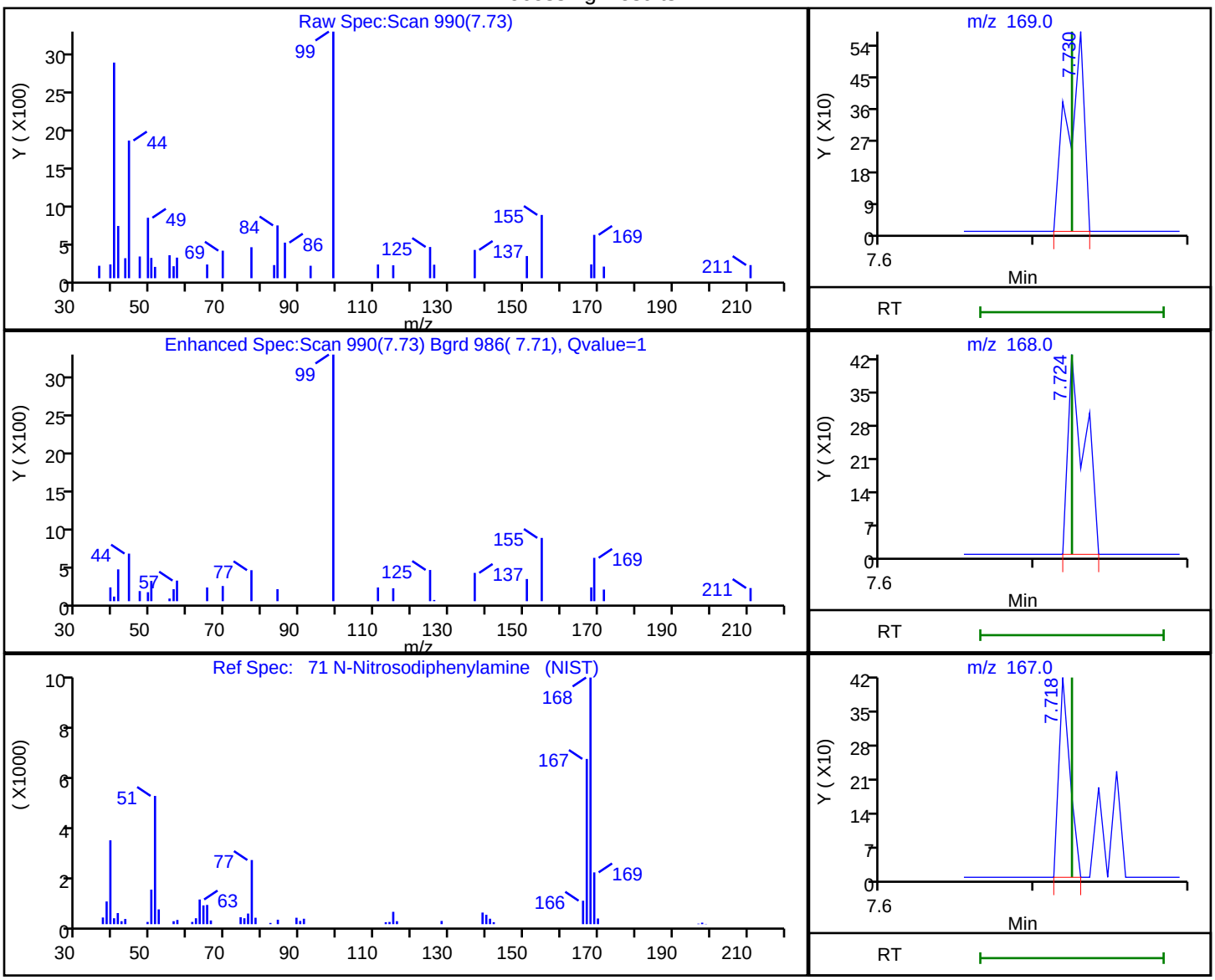
User Disabled Compound Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a008.D
Injection Date: 14-Mar-2022 13:36:30 Instrument ID: TAC040
Lims ID: MB 580-383558/1-A
Client ID:
Operator ID: tl ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

71 N-Nitrosodiphenylamine, CAS: 86-30-6

Processing Results



RT	Mass	Response	Amount
7.73	169.00	417	1.338143
7.72	168.00	321	
7.72	167.00	204	

Reviewer: thaneeratw, 15-Mar-2022 10:02:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

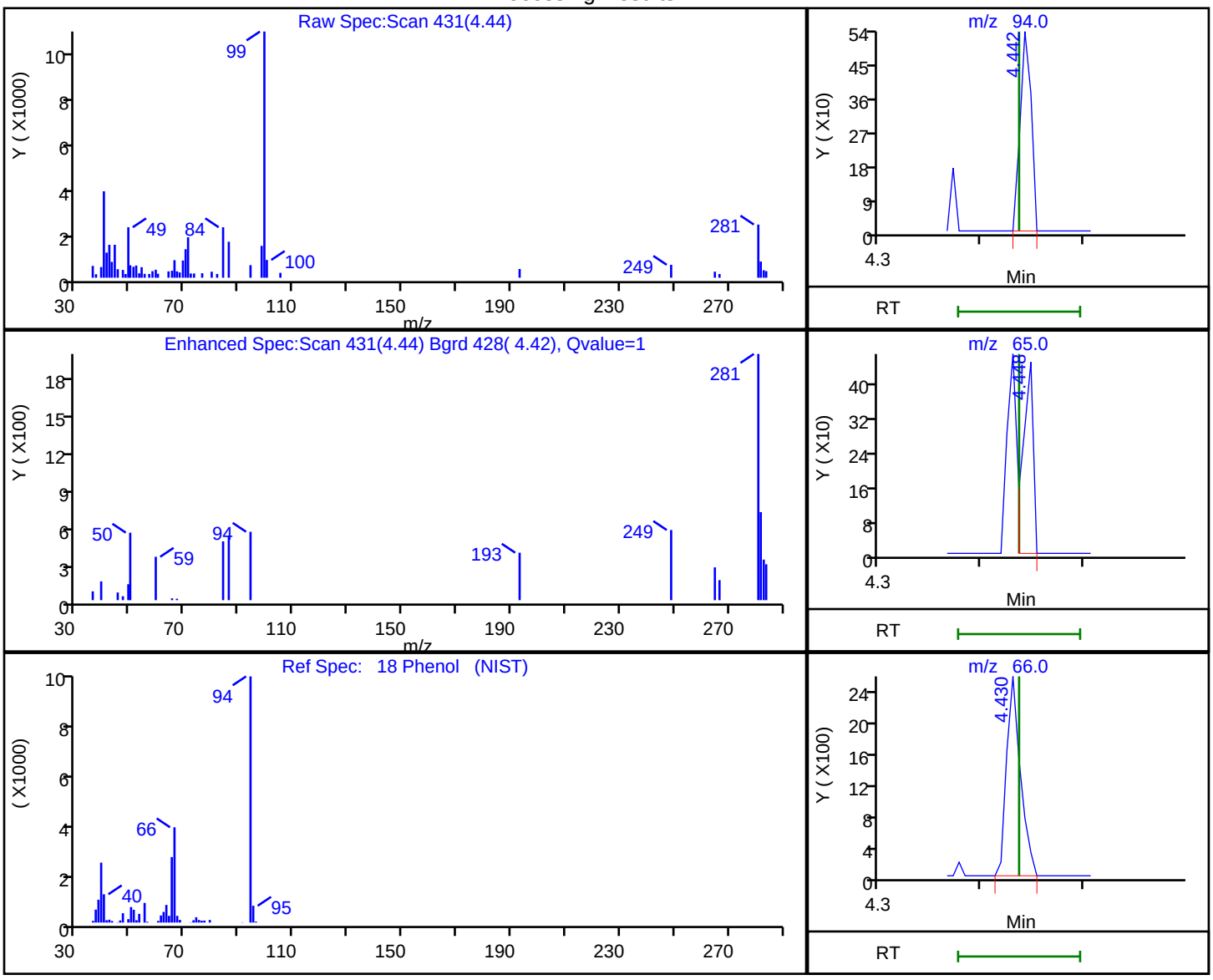
User Disabled Compound Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a008.D
Injection Date: 14-Mar-2022 13:36:30 Instrument ID: TAC040
Lims ID: MB 580-383558/1-A
Client ID:
Operator ID: tl ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

18 Phenol, CAS: 108-95-2

Processing Results



RT	Mass	Response	Amount
4.44	94.00	402	1.508544
4.45	65.00	317	
4.43	66.00	2454	

Reviewer: thaneeratw, 15-Mar-2022 09:48:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-383558/1-A RA

Matrix: Water | Lab File ID: 31822A06.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 1000(mL) | Date Analyzed: 03/18/2022 11:22

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 384307 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
51-28-5	2,4-Dinitrophenol	3.2	U	5.0	3.2	1.6
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	2.0	1.2	0.55
100-02-7	4-Nitrophenol	6.0	U	10	6.0	1.7
117-81-7	Bis(2-ethylhexyl) phthalate	1.6	U	3.0	1.6	0.74
108-60-1	bis (2-chloroisopropyl) ether	0.15	U M	0.25	0.15	0.060

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A06.D
Lims ID: MB 580-383558/1-A
Client ID:
Sample Type: MB
Inject. Date: 18-Mar-2022 11:22:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: mb 580-383558/1-a
Operator ID: TL Instrument ID: TAC051

Method: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 18-Mar-2022 20:21:50 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1663

First Level Reviewer: boylea Date: 18-Mar-2022 20:21:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.454	4.454	0.000	88	29756	100.0	100.0	
* 2 Naphthalene-d8	136	5.469	5.469	0.000	96	108510	100.0	100.0	
* 3 Acenaphthene-d10	164	6.900	6.895	0.005	80	48253	100.0	100.0	
* 4 Phenanthrene-d10	188	8.118	8.108	0.010	90	81193	100.0	100.0	
* 5 Chrysene-d12	240	10.314	10.309	0.005	85	63416	100.0	100.0	
* 6 Perylene-d12	264	11.842	11.831	0.011	87	63335	100.0	100.0	
$ 7 2-Fluorophenol	112	3.471	3.471	0.000	85	156958	1000.0	570.1	
$ 8 Phenol-d5	99	4.224	4.224	0.000	97	97089	1000.0	315.6	
$ 9 Nitrobenzene-d5	82	4.897	4.897	0.000	87	213484	1000.0	826.6	
$ 10 2-methylnaphthalene-d10	152	6.024	6.019	0.005	0	506768	NC	NC	
$ 11 2-Fluorobiphenyl	172	6.355	6.356	-0.001	98	610533	1000.0	951.6	
$ 12 2,4,6-Tribromophenol	330	7.557	7.547	0.010	75	69560	1000.0	647.4	
$ 13 Fluoranthene-d10 (Surr)	212	9.091	9.085	0.006	0	896486	NC	NC	
$ 14 Terphenyl-d14	244	9.432	9.433	-0.001	97	789495	1000.0	1298.3	
15 1,4-Dioxane	88	2.349	2.328	0.021	1	2998		NC	
18 Aniline	93	4.240	4.203	0.037	1	581		7.35	
19 Phenol	94	4.229	4.229	0.000	1	1245		4.17	
22 n-Decane	57	4.331	4.331	0.000	91	27380		116.5	
26 Benzyl alcohol	79	4.598	4.582	0.016	1	1033		13.0	
30 Acetophenone	105	4.785	4.780	0.005	43	6159		16.3	
42 Naphthalene	128	5.485	5.485	0.000	1	4549		2.48	
46 4-Chloro-3-methylphenol	107	6.024	5.976	0.048	29	709		41.2	
47 2-Methylnaphthalene	142	6.051	6.046	0.005	1	1175		1.66	
54 1,1'-Biphenyl	154	6.436	6.430	0.006	24	5458		7.80	
24 Cyclohexanone	55	6.473	6.496	-0.023	1	403		NC	
62 Acenaphthene	153	6.922	6.922	0.000	1	4275		7.57	
68 Diethyl phthalate	149	7.280	7.274	0.006	77	49011		78.4	
74 Azobenzene	77	7.493	7.483	0.010	1	629		5.22	
79 n-Octadecane	57	8.054	8.049	0.005	6	1656		8.00	
80 Phenanthrene	178	8.134	8.129	0.005	45	29668		29.5	
81 Anthracene	178	8.182	8.172	0.010	1	5541		13.1	
84 Di-n-butyl phthalate	149	8.620	8.615	0.005	32	21803		16.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
85 Fluoranthene	202	9.101	9.101	0.000	21	10022		10.5	
88 Benzidine	184	9.267	9.240	0.027	1	596		89.6	
89 Pyrene	202	9.294	9.288	0.006	85	10725		8.78	
94 Butyl benzyl phthalate	149	9.849	9.844	0.005	64	13689		37.2	
97 Benzo[a]anthracene	228	10.319	10.298	0.021	1	2737		10.4	
98 Bis(2-ethylhexyl) phthalate	149	10.362	10.362	0.000	89	75728		130.3	
100 Di-n-octyl phthalate	149	11.067	11.019	0.048	74	23688		28.2	
86 2,3-Dichlorobenzenamine	161	11.414	11.416	-0.002	1	363		NC	
91 Nonylphenol	135	11.884	11.848	0.036	0	943		NC	
107 Benzo[g,h,i]perylene	276	13.492	13.461	0.031	1	634		4.54	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

8270SIM_IS_00069 Amount Added: 10.00 Units: uL Run Reagent

Report Date: 18-Mar-2022 20:21:50 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A06.D

Injection Date: 18-Mar-2022 11:22:30 Instrument ID: TAC051

Lims ID: MB 580-383558/1-A

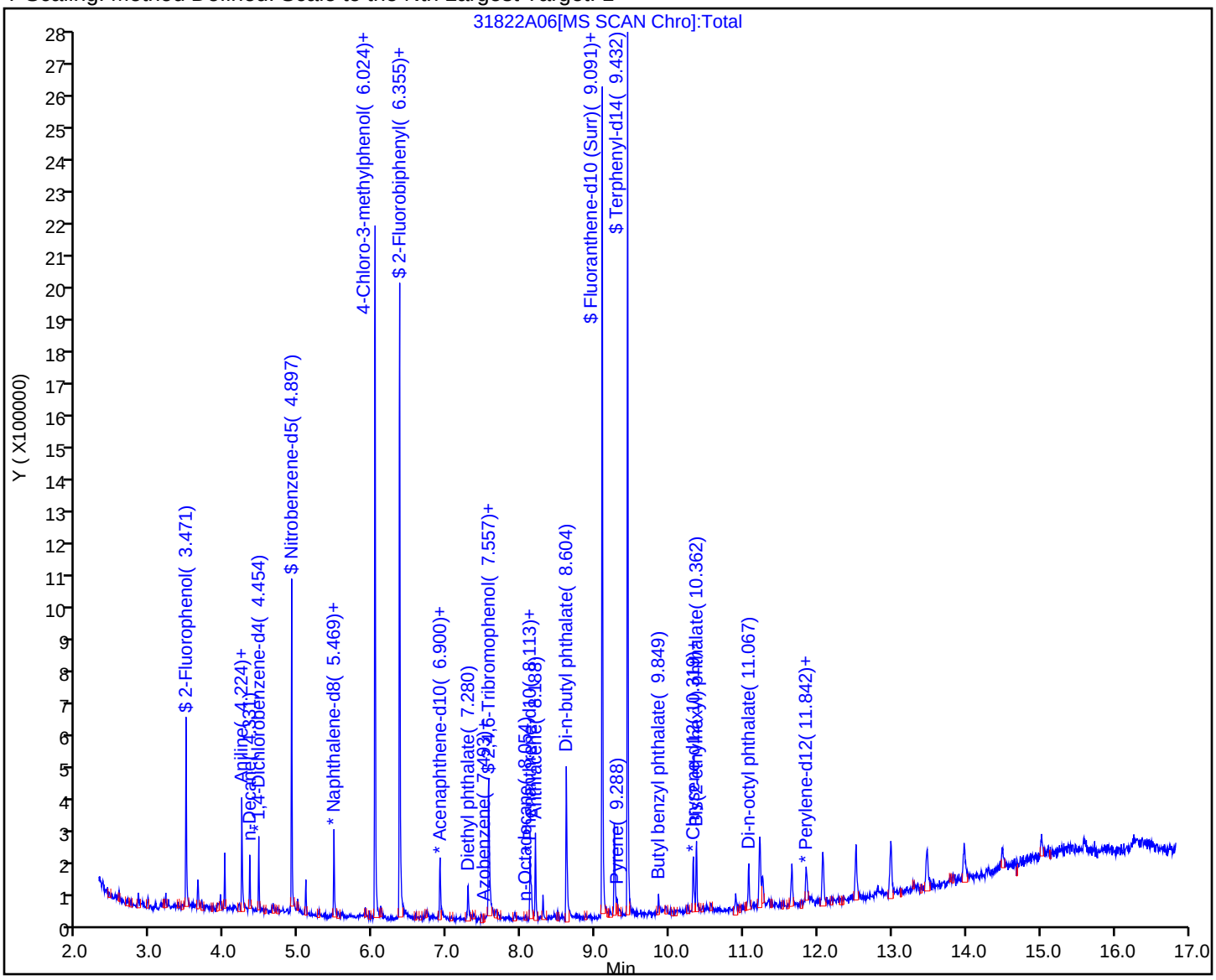
Client ID:

Operator ID: TL ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Seattle
Recovery Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A06.D
Lims ID: MB 580-383558/1-A
Client ID:
Sample Type: MB
Inject. Date: 18-Mar-2022 11:22:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: mb 580-383558/1-a
Operator ID: TL Instrument ID: TAC051

Method: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 18-Mar-2022 20:21:50 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1663

First Level Reviewer: boylea Date: 18-Mar-2022 20:21:50

Compound	Amount Added	Amount Recovered	% Rec.
$ 7 2-Fluorophenol	1000.0	570.1	57.01
$ 8 Phenol-d5	1000.0	315.6	31.56
$ 9 Nitrobenzene-d5	1000.0	826.6	82.66
$ 11 2-Fluorobiphenyl	1000.0	951.6	95.16
$ 12 2,4,6-Tribromophenol	1000.0	647.4	64.74
$ 14 Terphenyl-d14	1000.0	1298.3	129.83

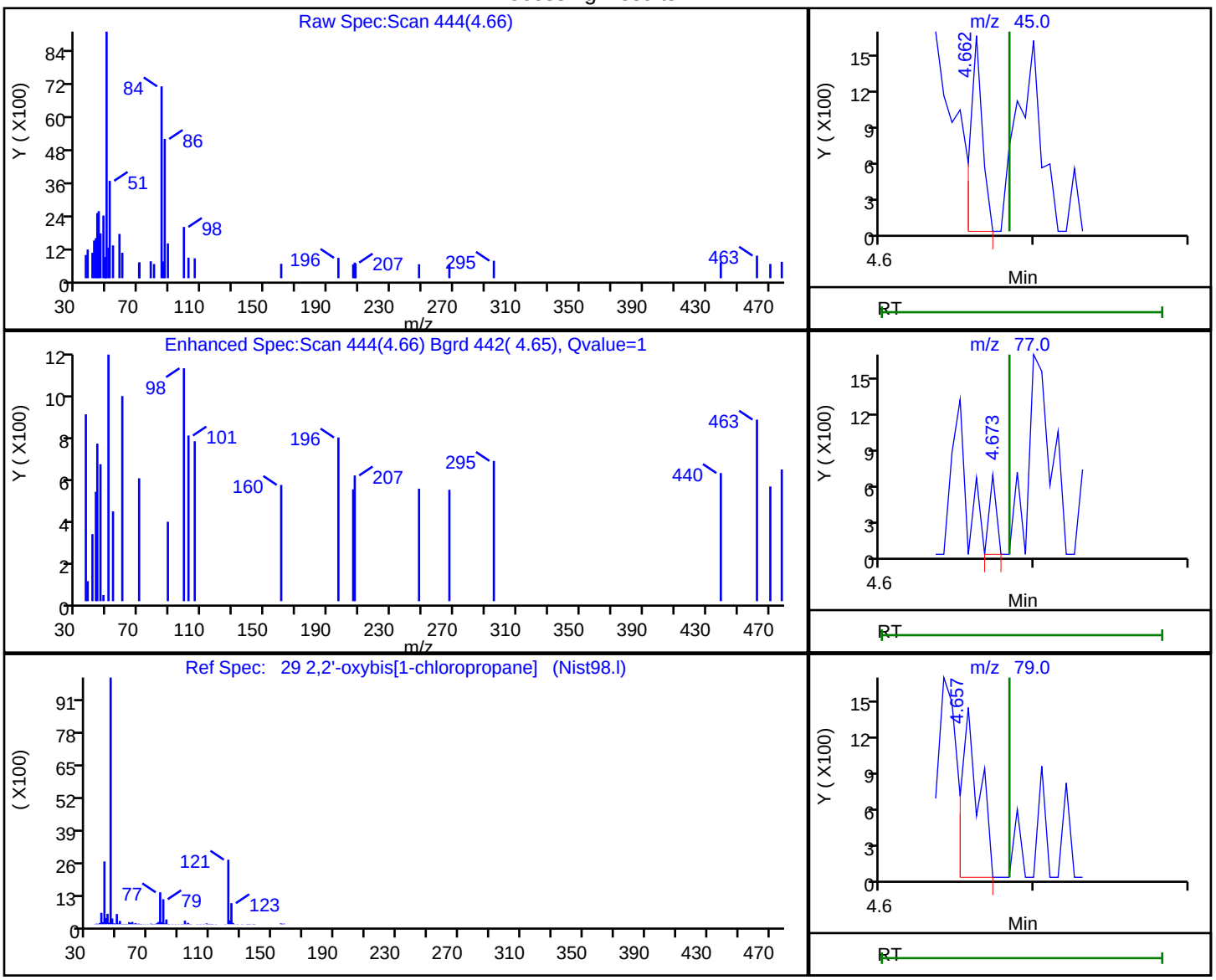
User Disabled Compound Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A06.D
Injection Date: 18-Mar-2022 11:22:30 Instrument ID: TAC051
Lims ID: MB 580-383558/1-A
Client ID:
Operator ID: TL ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

29 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Processing Results



RT	Mass	Response	Amount
4.66	45.00	880	3.047717
4.67	77.00	205	
4.66	79.00	1138	

Reviewer: boylea, 18-Mar-2022 20:18:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-383558/2-A

Matrix: Water | Lab File ID: 40Scan031422a010.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 1000(mL) | Date Analyzed: 03/14/2022 14:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383728 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
120-82-1	1,2,4-Trichlorobenzene	1.12		0.40	0.30	0.090
95-50-1	1,2-Dichlorobenzene	1.15		0.40	0.15	0.050
541-73-1	1,3-Dichlorobenzene	1.07		0.40	0.090	0.040
106-46-7	1,4-Dichlorobenzene	1.08		0.40	0.090	0.040
95-95-4	2,4,5-Trichlorophenol	1.46		0.40	0.30	0.10
88-06-2	2,4,6-Trichlorophenol	1.24		0.60	0.30	0.10
120-83-2	2,4-Dichlorophenol	1.34		1.0	0.50	0.20
105-67-9	2,4-Dimethylphenol	1.21	J	4.0	0.50	0.16
121-14-2	2,4-Dinitrotoluene	1.49		1.0	0.30	0.10
606-20-2	2,6-Dinitrotoluene	1.35		0.40	0.30	0.10
91-58-7	2-Chloronaphthalene	1.27		1.0	0.15	0.070
95-57-8	2-Chlorophenol	1.45		1.0	0.15	0.050
88-75-5	2-Nitrophenol	1.52		1.0	0.15	0.070
91-94-1	3,3'-Dichlorobenzidine	3.68		1.0	0.60	0.26
101-55-3	4-Bromophenyl phenyl ether	1.40		0.60	0.15	0.060
59-50-7	4-Chloro-3-methylphenol	1.36		0.60	0.30	0.13
7005-72-3	4-Chlorophenyl phenyl ether	1.30		0.60	0.15	0.050
103-33-3	Azobenzene	1.44	J	2.0	0.15	0.060
111-91-1	Bis(2-chloroethoxy)methane	1.35		0.60	0.15	0.050
111-44-4	Bis(2-chloroethyl)ether	1.49		0.10	0.090	0.030
108-60-1	bis (2-chloroisopropyl) ether	1.33		0.25	0.15	0.060
85-68-7	Butyl benzyl phthalate	1.84	J	4.0	0.60	0.27
84-66-2	Diethyl phthalate	1.71		1.0	0.30	0.15
131-11-3	Dimethyl phthalate	1.47		0.60	0.15	0.060
84-74-2	Di-n-butyl phthalate	1.74	J	3.0	0.50	0.19
117-84-0	Di-n-octyl phthalate	1.72		1.0	0.30	0.13
118-74-1	Hexachlorobenzene	1.39		0.60	0.090	0.040
87-68-3	Hexachlorobutadiene	0.893	J	1.0	0.15	0.060
77-47-4	Hexachlorocyclopentadiene	0.876	J	1.0	0.30	0.14
67-72-1	Hexachloroethane	0.936	J	1.0	0.15	0.050
78-59-1	Isophorone	1.33		0.40	0.30	0.10
15831-10-4	m+p-Cresol	1.21		0.60	0.30	0.10
98-95-3	Nitrobenzene	1.36		1.0	0.090	0.040
62-75-9	N-Nitrosodimethylamine	1.12	J	2.0	0.60	0.26

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-383558/2-A

Matrix: Water | Lab File ID: 40Scan031422a010.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 1000(mL) | Date Analyzed: 03/14/2022 14:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383728 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
621-64-7	N-Nitrosodi-n-propylamine	1.38		0.40	0.090	0.060
86-30-6	N-Nitrosodiphenylamine	1.51		1.0	0.15	0.070
95-48-7	o-Cresol	1.25		0.60	0.15	0.050
87-86-5	Pentachlorophenol	1.86	J	10	1.0	0.51
108-95-2	Phenol	0.693	J	1.0	0.60	0.36
129-00-0	Pyrene	1.73		1.0	0.090	0.040
110-86-1	Pyridine	1.42	J	10	3.2	1.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	70		43-140
321-60-8	2-Fluorobiphenyl	62		44-119
367-12-4	2-Fluorophenol (Surr)	50		19-119
4165-60-0	Nitrobenzene-d5 (Surr)	69		44-120
4165-62-2	Phenol-d5 (Surr)	31		10-120
1718-51-0	Terphenyl-d14	88		50-134

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a010.D
Lims ID: LCS 580-383558/2-A
Client ID:
Sample Type: LCS
Inject. Date: 14-Mar-2022 14:23:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: MB 580-383558/1-A
Operator ID: tl Instrument ID: TAC040

Method: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 15-Mar-2022 11:42:06 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1623

First Level Reviewer: limmere Date: 15-Mar-2022 11:42:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.707	4.701	0.006	88	25498	100.0	100.0	
* 2 Naphthalene-d8	136	5.730	5.731	-0.001	97	90128	100.0	100.0	
* 3 Acenaphthene-d10	164	7.166	7.166	0.000	62	48422	100.0	100.0	
* 4 Phenanthrene-d10	188	8.383	8.383	0.000	95	76469	100.0	100.0	
* 5 Chrysene-d12	240	10.589	10.589	0.000	71	62040	100.0	100.0	
* 6 Perylene-d12	264	12.106	12.107	-0.001	92	58346	100.0	100.0	
$ 7 2-Fluorophenol	112	3.659	3.654	0.005	80	119386	1000.0	496.4	
$ 8 Phenol-d5	99	4.430	4.430	-0.001	97	79731	1000.0	314.3	
$ 9 Nitrobenzene-d5	82	5.154	5.154	0.000	77	120206	1000.0	694.3	
$ 10 2-Fluorobiphenyl	172	6.624	6.624	-0.001	97	385389	1000.0	623.1	
$ 11 2,4,6-Tribromophenol	330	7.818	7.818	-0.001	83	99437	1000.0	700.0	
$ 12 Terphenyl-d14	244	9.707	9.707	0.000	97	492472	1000.0	884.3	
15 N-Nitrosodimethylamine	74	2.520	2.515	0.005	88	44062	1000.0	561.3	
16 Pyridine	79	2.536	2.531	0.005	95	103735	2000.0	707.9	
18 Phenol	94	4.442	4.436	0.006	72	83635	1000.0	346.4	
17 Aniline	93	4.442	4.442	0.000	95	177124	1000.0	693.4	
19 Bis(2-chloroethyl)ether	93	4.501	4.501	0.000	92	138002	1000.0	744.5	
20 2-Chlorophenol	128	4.536	4.536	0.000	83	214359	1000.0	726.0	
21 n-Decane	57	4.589	4.589	0.000	90	61401	1000.0	500.9	
22 1,3-Dichlorobenzene	146	4.654	4.654	0.000	94	190445	1000.0	533.0	
23 1,4-Dichlorobenzene	146	4.719	4.719	0.000	97	194471	1000.0	539.6	
27 Benzyl alcohol	79	4.825	4.824	0.000	93	65277	1000.0	527.9	
24 1,2-Dichlorobenzene	146	4.836	4.836	0.000	95	197556	1000.0	574.4	
28 2-Methylphenol	108	4.925	4.924	0.000	85	131350	1000.0	624.7	
25 2,2'-oxybis[1-chloropropane]	45	4.936	4.936	0.000	78	113457	1000.0	665.1	
29 Acetophenone	105	5.036	5.036	0.000	87	215234	1000.0	701.0	
30 N-Nitrosodi-n-propylamine	70	5.042	5.042	0.000	86	58398	1000.0	691.3	
32 3 & 4 Methylphenol	108	5.054	5.054	0.000	61	125422	1000.0	603.2	
31 Hexachloroethane	117	5.107	5.107	0.000	91	70119	1000.0	468.1	
33 Nitrobenzene	77	5.166	5.166	0.000	77	104398	1000.0	682.2	
34 Isophorone	82	5.366	5.366	0.000	97	196285	1000.0	663.0	
35 2-Nitrophenol	139	5.425	5.424	-0.001	77	115001	1000.0	758.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
37 2,4-Dimethylphenol	107	5.477	5.477	-0.001	88	134187	1000.0	602.7	
36 Benzoic acid	105	5.524	5.524	-0.018	67	49934	2000.0	489.9	a
38 Bis(2-chloroethoxy)methane	93	5.554	5.554	0.000	92	155414	1000.0	674.1	
39 2,4-Dichlorophenol	162	5.630	5.630	-0.001	83	165471	1000.0	671.9	
40 1,2,4-Trichlorobenzene	180	5.689	5.689	0.000	89	168058	1000.0	558.6	
41 Naphthalene	128	5.748	5.748	0.000	95	533573	1000.0	646.2	
42 2,6-Dichlorophenol	162	5.807	5.807	0.000	90	170750	1000.0	688.1	
43 4-Chloroaniline	127	5.807	5.807	0.000	71	170956	1000.0	546.6	
44 Hexachlorobutadiene	225	5.860	5.860	0.000	92	79362	1000.0	446.6	
45 4-Chloro-3-methylphenol	107	6.219	6.218	0.000	83	112310	1000.0	680.1	
46 2-Methylnaphthalene	142	6.319	6.318	0.000	84	334893	1000.0	647.7	
47 1-Methylnaphthalene	142	6.395	6.395	0.000	91	327492	1000.0	645.8	
48 Hexachlorocyclopentadiene	237	6.448	6.448	0.000	79	96402	1000.0	437.8	
49 1,2,4,5-Tetrachlorobenzene	216	6.454	6.454	0.000	93	171901	1000.0	546.0	
50 2,4,6-Trichlorophenol	196	6.554	6.554	0.000	85	115849	1000.0	617.6	
51 2,4,5-Trichlorophenol	196	6.589	6.589	0.000	93	136414	1000.0	730.0	
52 1,1'-Biphenyl	154	6.701	6.701	0.000	94	404072	1000.0	619.7	
53 2-Chloronaphthalene	162	6.713	6.713	0.000	93	343641	1000.0	634.6	
54 2-Nitroaniline	138	6.807	6.807	0.000	85	120254	1000.0	710.0	
55 Dimethyl phthalate	163	6.966	6.966	0.000	97	422558	1000.0	735.6	
56 1,3-Dinitrobenzene	168	6.983	6.983	0.000	45	55324	1000.0	723.4	
57 2,6-Dinitrotoluene	165	7.007	7.007	0.000	67	89538	1000.0	673.6	
58 Acenaphthylene	152	7.048	7.054	-0.006	92	530060	1000.0	676.9	
59 3-Nitroaniline	138	7.142	7.148	-0.006	77	81493	1000.0	643.7	
60 Acenaphthene	153	7.195	7.195	0.000	92	344989	1000.0	644.9	
69 2,4-Dinitrophenol	184	7.224	7.224	-0.006	57	82837	2000.0	1148.0	a
63 4-Nitrophenol	109	7.313	7.313	0.000	69	26087	2000.0	536.1	
62 2,4-Dinitrotoluene	165	7.336	7.336	0.000	53	124354	1000.0	745.6	
61 Dibenzofuran	168	7.336	7.336	0.000	91	501489	1000.0	702.6	
64 2,3,5,6-Tetrachlorophenol	232	7.407	7.407	0.000	86	94257	1000.0	633.2	
65 2,3,4,6-Tetrachlorophenol	232	7.442	7.442	0.000	67	117776	1000.0	725.3	
66 Diethyl phthalate	149	7.548	7.548	0.000	96	517261	1000.0	854.9	
67 Fluorene	166	7.618	7.618	-0.001	83	390209	1000.0	688.0	
68 4-Chlorophenyl phenyl ether	204	7.630	7.630	0.000	83	177417	1000.0	650.5	
70 4-Nitroaniline	138	7.642	7.642	0.000	58	93581	1000.0	1225.5	
73 4,6-Dinitro-2-methylphenol	198	7.666	7.666	0.000	78	128510	2000.0	1586.5	
71 N-Nitrosodiphenylamine	169	7.724	7.724	0.000	59	274404	1000.0	754.1	
72 Azobenzene	77	7.754	7.760	-0.006	90	228460	1000.0	721.9	
74 4-Bromophenyl phenyl ether	248	8.030	8.030	0.000	50	124389	1000.0	701.5	
75 Hexachlorobenzene	284	8.060	8.065	-0.006	88	175662	1000.0	694.5	
76 Atrazine	200	8.177	8.177	0.000	90	210884	2000.0	1520.4	
77 Pentachlorophenol	266	8.230	8.230	0.000	89	113874	2000.0	931.2	
78 n-Octadecane	43	8.330	8.330	0.000	94	90041	1000.0	721.3	
79 Phenanthrene	178	8.401	8.401	0.000	96	610017	1000.0	777.2	
80 Anthracene	178	8.442	8.442	0.000	96	587989	1000.0	776.3	
81 Carbazole	167	8.583	8.583	0.000	82	556791	1000.0	1057.0	
83 Di-n-butyl phthalate	149	8.895	8.895	0.000	95	835590	1000.0	867.9	
84 Fluoranthene	202	9.377	9.377	0.000	97	658847	1000.0	843.6	
85 Benzidine	184	9.507	9.507	0.000	98	88440	2000.0	598.6	
86 Pyrene	202	9.560	9.559	0.000	97	696801	1000.0	866.4	
87 Butyl benzyl phthalate	149	10.118	10.124	-0.006	89	332622	1000.0	917.6	
89 Benzo[a]anthracene	228	10.577	10.577	0.000	99	560323	1000.0	792.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
91 3,3'-Dichlorobenzidine	252	10.571	10.577	-0.006	72	407673	2000.0	1839.3	
90 Chrysene	228	10.612	10.612	-0.001	93	590647	1000.0	790.4	
92 Bis(2-ethylhexyl) phthalate	149	10.648	10.648	0.000	74	514666	1000.0	1012.6	
93 Di-n-octyl phthalate	149	11.318	11.313	0.000	96	690642	1000.0	858.7	
94 Benzo[b]fluoranthene	252	11.677	11.671	0.000	93	499324	1000.0	768.2	
95 Benzofluoranthene	252	11.677	11.677	-0.030	97	1119017	2000.0	1690.5	a
96 Benzo[k]fluoranthene	252	11.706	11.701	-0.001	93	616025	1000.0	887.2	
97 Benzo[a]pyrene	252	12.042	12.036	0.000	78	474342	1000.0	816.2	
98 Indeno[1,2,3-cd]pyrene	276	13.359	13.359	-0.006	92	389544	1000.0	685.9	
99 Dibenz(a,h)anthracene	278	13.400	13.394	-0.001	0	456644	1000.0	722.0	
100 Benzo[g,h,i]perylene	276	13.671	13.670	-0.006	92	552014	1000.0	784.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

MeCl2_CT_00216	Amount Added: 1.00	Units: mL	Run Reagent
8270SIM_IS_00069	Amount Added: 10.00	Units: uL	Run Reagent

Report Date: 15-Mar-2022 11:42:07 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a010.D

Injection Date: 14-Mar-2022 14:23:30 Instrument ID: TAC040

Lims ID: LCS 580-383558/2-A

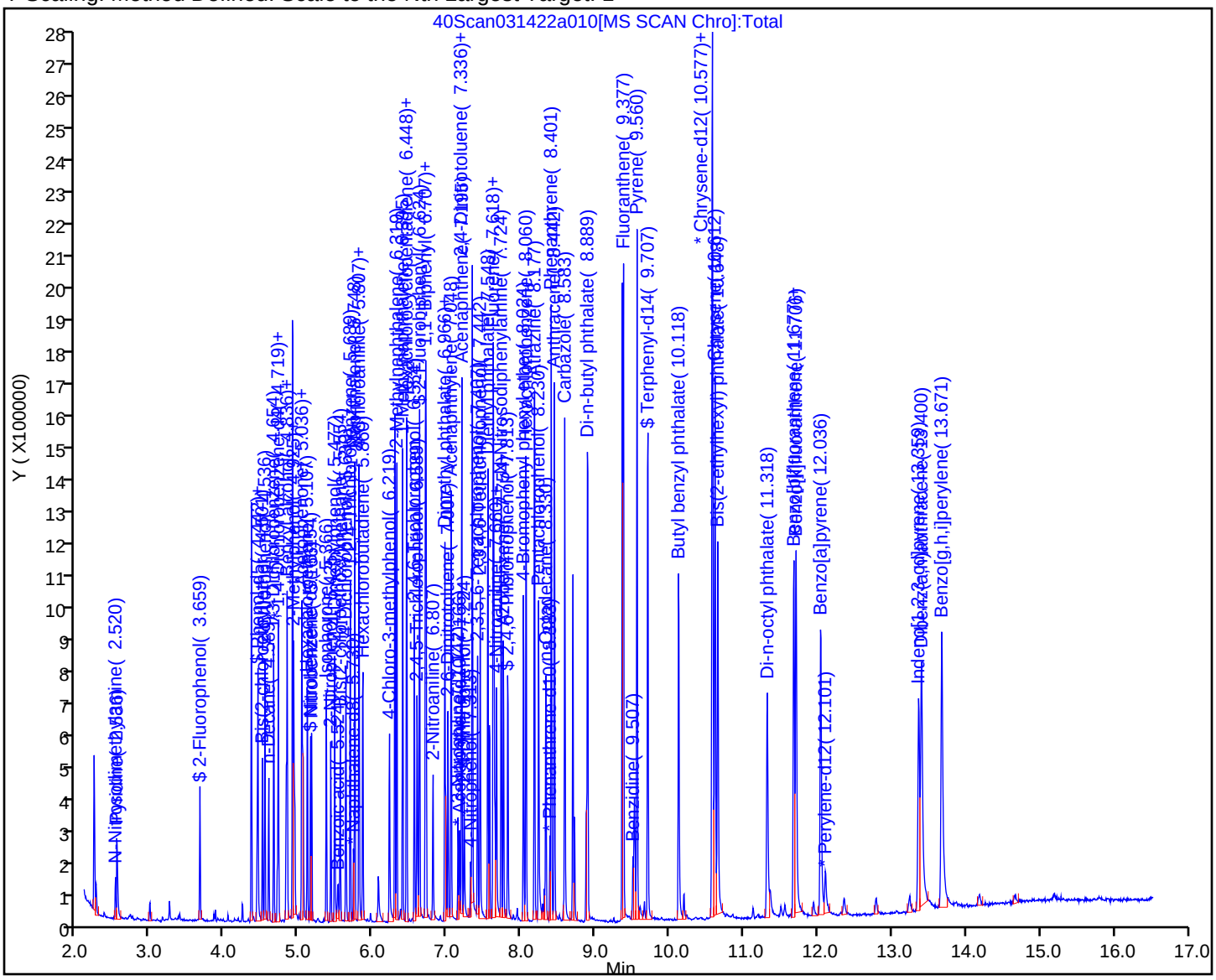
Client ID:

Operator ID: tl ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Seattle
Recovery Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a010.D
Lims ID: LCS 580-383558/2-A
Client ID:
Sample Type: LCS
Inject. Date: 14-Mar-2022 14:23:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: MB 580-383558/1-A
Operator ID: tl Instrument ID: TAC040

Method: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 15-Mar-2022 11:42:06 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1623

First Level Reviewer: limmere Date: 15-Mar-2022 11:42:06

Compound	Amount Added	Amount Recovered	% Rec.
$ 7 2-Fluorophenol	1000.0	496.4	49.64
$ 8 Phenol-d5	1000.0	314.3	31.43
$ 9 Nitrobenzene-d5	1000.0	694.3	69.43
$ 10 2-Fluorobiphenyl	1000.0	623.1	62.31
$ 11 2,4,6-Tribromophenol	1000.0	700.0	70.00
$ 12 Terphenyl-d14	1000.0	884.3	88.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-383558/2-A RA

Matrix: Water | Lab File ID: 31822A08.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 1000(mL) | Date Analyzed: 03/18/2022 12:09

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 384307 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
51-28-5	2,4-Dinitrophenol	2.50	J M	5.0	3.2	1.6
534-52-1	4,6-Dinitro-2-methylphenol	3.29		2.0	1.2	0.55
117-81-7	Bis(2-ethylhexyl) phthalate	2.14	J	3.0	1.6	0.74
108-60-1	bis (2-chloroisopropyl) ether	1.42		0.25	0.15	0.060

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A08.D
Lims ID: LCS 580-383558/2-A
Client ID:
Sample Type: LCS
Inject. Date: 18-Mar-2022 12:09:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: lcs 580-383558/2-a
Operator ID: TL Instrument ID: TAC051

Method: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 18-Mar-2022 20:23:09 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1663

First Level Reviewer: boylea Date: 18-Mar-2022 20:23:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.452	4.454	-0.002	85	29594	100.0	100.0	
* 2 Naphthalene-d8	136	5.467	5.469	-0.002	96	120484	100.0	100.0	
* 3 Acenaphthene-d10	164	6.894	6.895	-0.001	88	68444	100.0	100.0	
* 4 Phenanthrene-d10	188	8.106	8.108	-0.002	92	99862	100.0	100.0	
* 5 Chrysene-d12	240	10.307	10.309	-0.002	71	87420	100.0	100.0	
* 6 Perylene-d12	264	11.830	11.831	-0.001	88	94005	100.0	100.0	
$ 7 2-Fluorophenol	112	3.469	3.471	-0.002	86	149983	1000.0	548.0	
$ 8 Phenol-d5	99	4.223	4.224	-0.001	93	122566	1000.0	401.1	
$ 9 Nitrobenzene-d5	82	4.896	4.897	-0.001	86	210576	1000.0	734.3	
$ 10 2-methylnaphthalene-d10	152	6.023	6.019	0.004	0	504383	NC	NC	
$ 11 2-Fluorobiphenyl	172	6.354	6.356	-0.002	98	598825	1000.0	658.0	
$ 12 2,4,6-Tribromophenol	330	7.545	7.547	-0.002	83	116226	1000.0	865.5	
$ 13 Fluoranthene-d10 (Surr)	212	9.084	9.085	-0.001	0	956370	NC	NC	
$ 14 Terphenyl-d14	244	9.431	9.433	-0.002	96	830154	1000.0	1109.9	
15 1,4-Dioxane	88	2.315	2.328	-0.013	1	724	NC	NC	
16 N-Nitrosodimethylamine	74	2.412	2.408	0.004	68	66836	1000.0	559.6	
17 Pyridine	79	2.422	2.413	0.009	81	139062	2000.0	683.4	
18 Aniline	93	4.207	4.203	0.004	99	249680	1000.0	674.3	
19 Phenol	94	4.233	4.229	0.004	82	103712	1000.0	348.9	
20 Bis(2-chloroethyl)ether	93	4.255	4.256	-0.001	94	191307	1000.0	748.4	
21 2-Chlorophenol	128	4.303	4.304	-0.001	88	310080	1000.0	865.6	
22 n-Decane	57	4.335	4.331	0.004	82	121637	1000.0	520.4	
23 1,3-Dichlorobenzene	146	4.404	4.405	-0.002	97	264132	1000.0	619.2	
25 1,4-Dichlorobenzene	146	4.468	4.464	0.004	98	284589	1000.0	614.6	
27 1,2-Dichlorobenzene	146	4.580	4.582	-0.002	96	273630	1000.0	631.0	
26 Benzyl alcohol	79	4.580	4.582	-0.002	59	116412	1000.0	644.4	
29 2,2'-oxybis[1-chloropropane]	45	4.682	4.683	-0.001	70	204199	1000.0	711.1	
28 2-Methylphenol	108	4.693	4.694	-0.001	88	203722	1000.0	820.1	
30 Acetophenone	105	4.778	4.780	-0.002	93	305297	1000.0	814.7	
31 N-Nitrosodi-n-propylamine	70	4.783	4.785	-0.002	92	112377	1000.0	762.0	
32 3 & 4 Methylphenol	108	4.821	4.822	-0.001	96	177619	1000.0	688.1	
33 Hexachloroethane	117	4.848	4.844	0.004	82	93138	1000.0	554.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
34 Nitrobenzene	77	4.912	4.913	-0.001	79	203660	1000.0	812.9	
35 Isophorone	82	5.104	5.106	-0.002	96	363442	1000.0	834.4	
36 2-Nitrophenol	139	5.168	5.169	-0.002	84	160041	1000.0	772.8	
37 2,4-Dimethylphenol	107	5.232	5.234	-0.002	90	234269	1000.0	796.1	
38 Bis(2-chloroethoxy)methane	93	5.291	5.293	-0.001	96	222657	1000.0	814.9	
39 Benzoic acid	105	5.227	5.319	-0.092	47	9298	2000.0	369.8	
40 2,4-Dichlorophenol	162	5.382	5.383	-0.001	88	234959	1000.0	740.9	
41 1,2,4-Trichlorobenzene	180	5.425	5.426	-0.001	94	213852	1000.0	580.4	
42 Naphthalene	128	5.483	5.485	-0.002	96	812128	1000.0	670.0	
44 2,6-Dichlorophenol	162	5.547	5.549	-0.002	94	237177	1000.0	667.7	
43 4-Chloroaniline	127	5.547	5.549	-0.002	74	261765	1000.0	630.5	
45 Hexachlorobutadiene	225	5.585	5.586	-0.001	88	98796	1000.0	451.8	
46 4-Chloro-3-methylphenol	107	5.975	5.976	-0.001	87	180880	1000.0	691.8	
47 2-Methylnaphthalene	142	6.050	6.046	0.004	80	549070	1000.0	699.5	
48 1-Methylnaphthalene	142	6.124	6.126	-0.002	89	523114	1000.0	701.7	
49 Hexachlorocyclopentadiene	237	6.172	6.174	-0.002	84	89024	1000.0	368.7	
50 1,2,4,5-Tetrachlorobenzene	216	6.183	6.185	-0.002	97	213572	1000.0	587.8	
52 2,4,6-Trichlorophenol	196	6.295	6.297	-0.002	86	150026	1000.0	692.5	
53 2,4,5-Trichlorophenol	196	6.349	6.345	0.004	50	173044	1000.0	703.5	
54 1,1'-Biphenyl	154	6.434	6.430	0.004	93	668013	1000.0	672.8	
55 2-Chloronaphthalene	162	6.445	6.441	0.004	95	511354	1000.0	655.7	
56 2-Nitroaniline	138	6.546	6.548	-0.002	90	162787	1000.0	764.1	
57 Dimethyl phthalate	163	6.696	6.697	-0.001	99	681100	1000.0	845.9	
58 1,3-Dinitrobenzene	168	6.723	6.724	-0.001	71	87838	1000.0	767.6	
59 2,6-Dinitrotoluene	165	6.744	6.746	-0.002	67	154061	1000.0	779.9	
60 Acenaphthylene	152	6.776	6.778	-0.002	91	823019	1000.0	709.2	
61 3-Nitroaniline	138	6.888	6.890	-0.002	91	125775	1000.0	678.3	
62 Acenaphthene	153	6.920	6.922	-0.002	91	536018	1000.0	669.2	
63 2,4-Dinitrophenol	184	6.974	6.974	0.004	84	107277	2000.0	1248.1	a
66 Dibenzofuran	168	7.065	7.066	-0.001	88	787340	1000.0	773.2	
65 2,4-Dinitrotoluene	165	7.070	7.071	-0.001	76	206459	1000.0	817.4	
64 4-Nitrophenol	109	7.107	7.095	0.014	47	62151	2000.0	1249.3	
51 2,3,5,6-Tetrachlorophenol	232	7.145	7.152	-0.001	84	113321	1000.0	662.1	
67 2,3,4,6-Tetrachlorophenol	232	7.182	7.189	-0.002	71	151258	1000.0	744.5	
68 Diethyl phthalate	149	7.273	7.274	-0.001	98	776526	1000.0	875.2	
69 Fluorene	166	7.342	7.344	-0.002	83	654914	1000.0	808.1	
70 4-Chlorophenyl phenyl ether	204	7.353	7.360	-0.002	90	270888	1000.0	726.2	
71 4-Nitroaniline	138	7.396	7.392	0.004	82	142810	1000.0	796.6	
72 4,6-Dinitro-2-methylphenol	198	7.401	7.405	-0.002	86	192105	2000.0	1645.2	
73 N-Nitrosodiphenylamine	169	7.455	7.456	-0.001	60	473024	1000.0	892.3	
74 Azobenzene	77	7.481	7.483	-0.002	92	423194	1000.0	769.2	
75 4-Bromophenyl phenyl ether	248	7.754	7.755	-0.001	55	164812	1000.0	746.9	
76 Hexachlorobenzene	284	7.791	7.787	0.004	89	199272	1000.0	772.1	
77 Atrazine	200	7.903	7.905	-0.002	93	384203	2000.0	1662.5	
78 Pentachlorophenol	266	7.967	7.969	-0.002	82	118040	2000.0	918.5	
79 n-Octadecane	57	8.048	8.049	-0.002	89	236982	1000.0	748.9	
80 Phenanthrene	178	8.128	8.129	-0.001	96	923772	1000.0	817.9	
81 Anthracene	178	8.170	8.172	-0.002	96	922465	1000.0	787.6	
83 Carbazole	167	8.320	8.321	-0.001	81	942719	1000.0	1057.4	
84 Di-n-butyl phthalate	149	8.614	8.615	-0.001	99	1309630	1000.0	924.3	
85 Fluoranthene	202	9.100	9.101	-0.001	96	994493	1000.0	827.0	
88 Benzidine	184	9.244	9.240	0.004	93	138568	2000.0	557.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
89 Pyrene	202	9.287	9.288	-0.001	97	1026815	1000.0	830.8	
94 Butyl benzyl phthalate	149	9.842	9.844	-0.002	92	582682	1000.0	923.6	
96 3,3'-Dichlorobenzidine	252	10.297	10.298	-0.001	62	637367	2000.0	1806.4	
97 Benzo[a]anthracene	228	10.297	10.298	-0.001	98	895650	1000.0	816.8	
99 Chrysene	228	10.329	10.330	-0.001	92	929468	1000.0	799.6	
98 Bis(2-ethylhexyl) phthalate	149	10.361	10.362	-0.001	76	868994	1000.0	1070.1	
100 Di-n-octyl phthalate	149	11.018	11.019	-0.001	97	1318428	1000.0	1059.3	
101 Benzo[b]fluoranthene	252	11.392	11.393	-0.001	93	950478	1000.0	913.1	
103 Benzo[k]fluoranthene	252	11.424	11.425	-0.001	98	1036289	1000.0	821.2	
104 Benzo[a]pyrene	252	11.766	11.767	-0.001	73	815184	1000.0	851.9	
105 Indeno[1,2,3-cd]pyrene	276	13.128	13.129	-0.001	98	882773	1000.0	926.3	
106 Dibenz(a,h)anthracene	278	13.165	13.178	-0.002	75	902784	1000.0	880.8	
107 Benzo[g,h,i]perylene	276	13.459	13.461	-0.002	93	954572	1000.0	799.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

8270SIM_IS_00069 Amount Added: 10.00 Units: uL Run Reagent

Report Date: 18-Mar-2022 20:23:09 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A08.D

Injection Date: 18-Mar-2022 12:09:30 Instrument ID: TAC051

Lims ID: LCS 580-383558/2-A

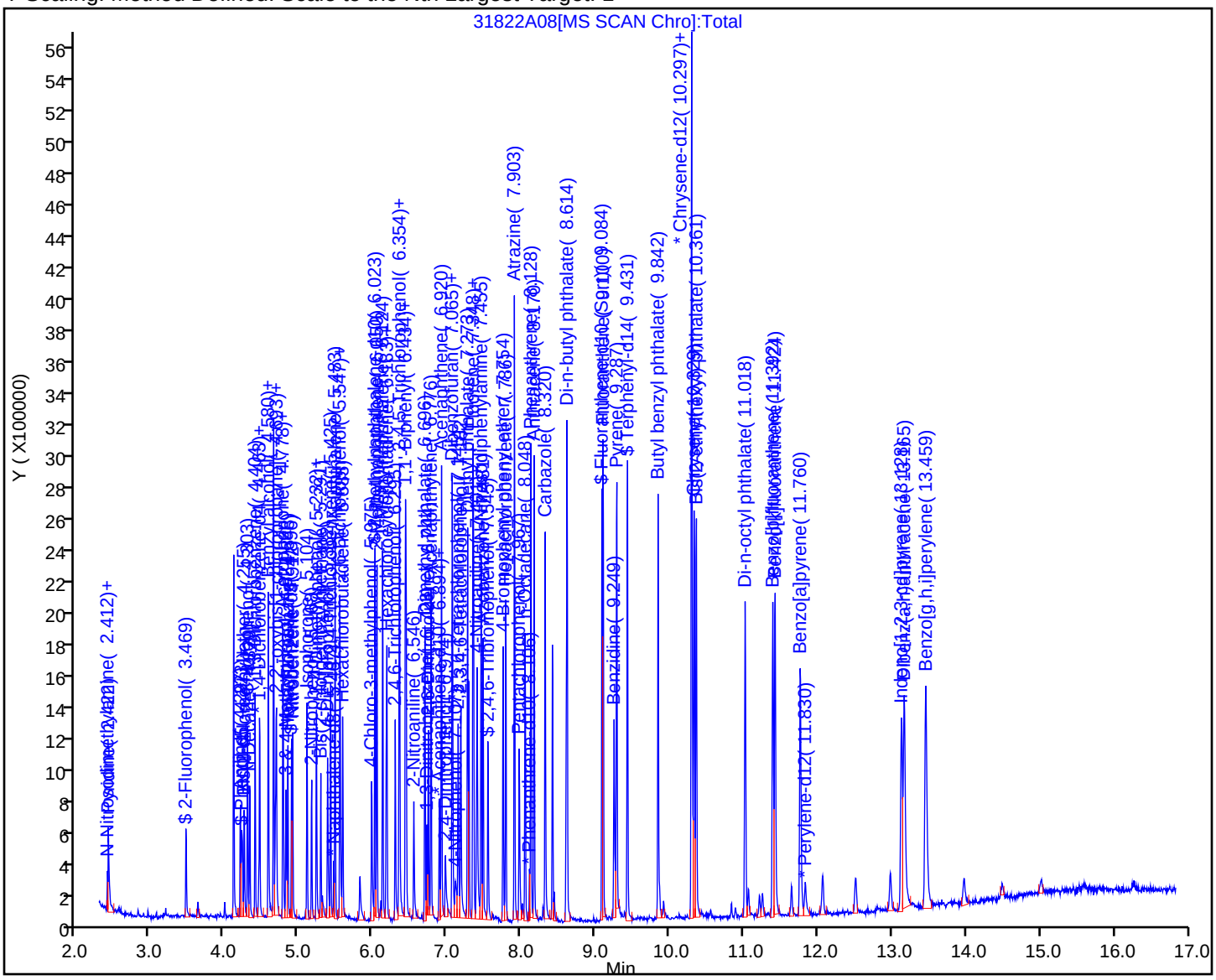
Client ID:

Operator ID: TL ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Seattle
Recovery Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A08.D
Lims ID: LCS 580-383558/2-A
Client ID:
Sample Type: LCS
Inject. Date: 18-Mar-2022 12:09:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: lcs 580-383558/2-a
Operator ID: TL Instrument ID: TAC051

Method: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 18-Mar-2022 20:23:09 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1663

First Level Reviewer: boylea Date: 18-Mar-2022 20:23:09

Compound	Amount Added	Amount Recovered	% Rec.
$ 7 2-Fluorophenol	1000.0	548.0	54.80
$ 8 Phenol-d5	1000.0	401.1	40.11
$ 9 Nitrobenzene-d5	1000.0	734.3	73.43
$ 11 2-Fluorobiphenyl	1000.0	658.0	65.80
$ 12 2,4,6-Tribromophenol	1000.0	865.5	86.55
$ 14 Terphenyl-d14	1000.0	1109.9	110.99

Manual Integration/User Assign Peak Report

Eurofins Seattle

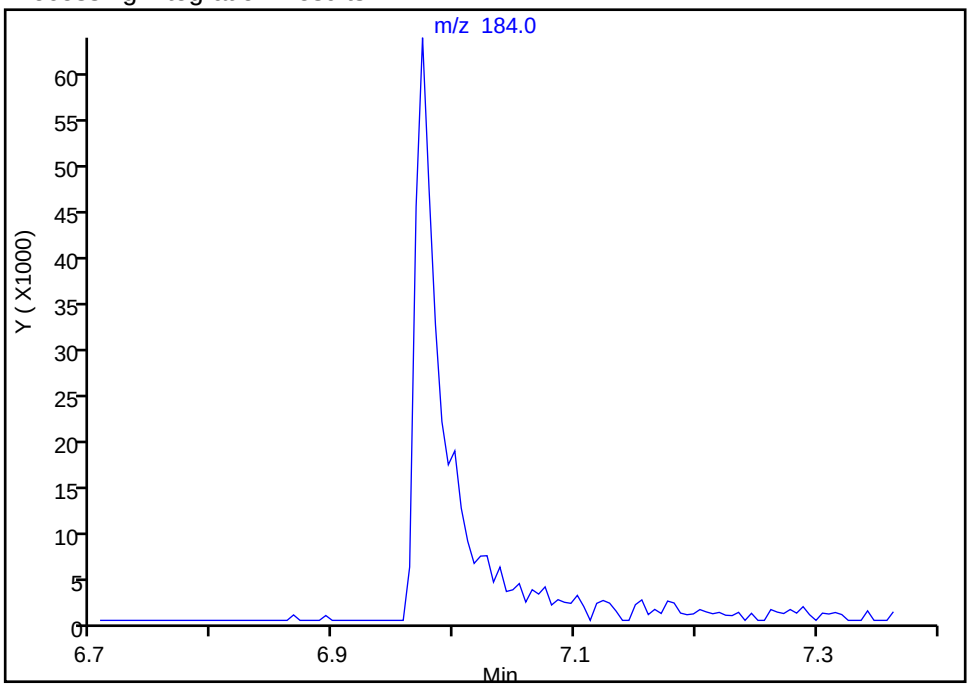
Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A08.D
Injection Date: 18-Mar-2022 12:09:30 Instrument ID: TAC051
Lims ID: LCS 580-383558/2-A
Client ID:
Operator ID: TL ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0
Column: Detector MS SCAN

63 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

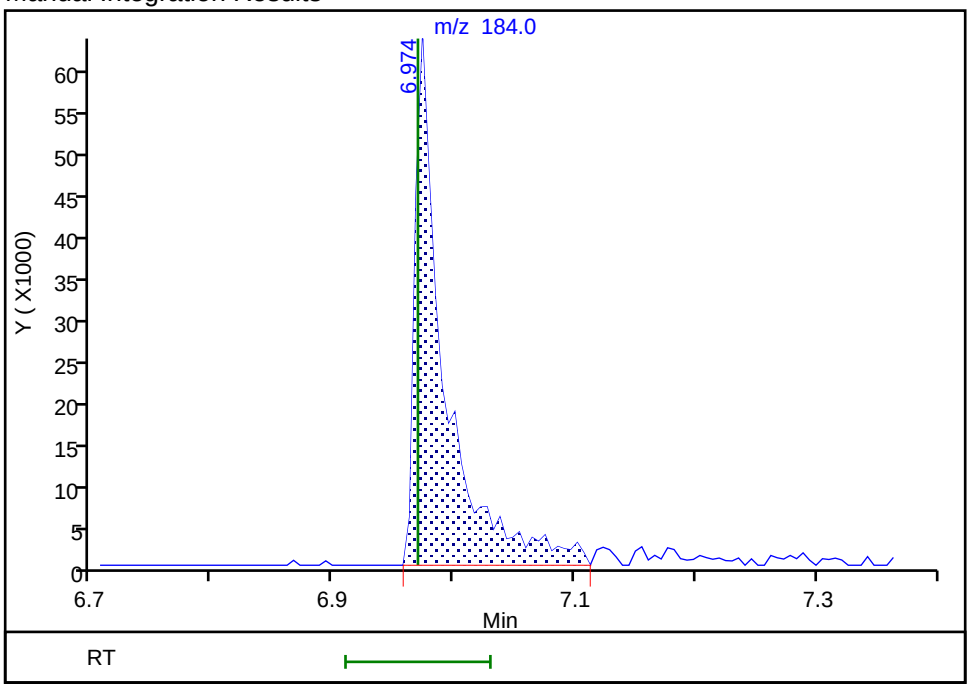
Not Detected
Expected RT: 6.97

Processing Integration Results



Manual Integration Results

RT: 6.97
Area: 107277
Amount: 1248.0963
Amount Units: ug/L



Reviewer: boylea, 18-Mar-2022 20:22:56
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 580-383558/3-A

Matrix: Water | Lab File ID: 40Scan031422a011.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 1000(mL) | Date Analyzed: 03/14/2022 14:46

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383728 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
120-82-1	1,2,4-Trichlorobenzene	1.16		0.40	0.30	0.090
95-50-1	1,2-Dichlorobenzene	1.11		0.40	0.15	0.050
541-73-1	1,3-Dichlorobenzene	1.01		0.40	0.090	0.040
106-46-7	1,4-Dichlorobenzene	1.06		0.40	0.090	0.040
95-95-4	2,4,5-Trichlorophenol	1.55		0.40	0.30	0.10
88-06-2	2,4,6-Trichlorophenol	1.42		0.60	0.30	0.10
120-83-2	2,4-Dichlorophenol	1.49		1.0	0.50	0.20
105-67-9	2,4-Dimethylphenol	1.31	J	4.0	0.50	0.16
121-14-2	2,4-Dinitrotoluene	1.63		1.0	0.30	0.10
606-20-2	2,6-Dinitrotoluene	1.56		0.40	0.30	0.10
91-58-7	2-Chloronaphthalene	1.40		1.0	0.15	0.070
95-57-8	2-Chlorophenol	1.43		1.0	0.15	0.050
88-75-5	2-Nitrophenol	1.50		1.0	0.15	0.070
91-94-1	3,3'-Dichlorobenzidine	3.80		1.0	0.60	0.26
101-55-3	4-Bromophenyl phenyl ether	1.50		0.60	0.15	0.060
59-50-7	4-Chloro-3-methylphenol	1.51		0.60	0.30	0.13
7005-72-3	4-Chlorophenyl phenyl ether	1.46		0.60	0.15	0.050
103-33-3	Azobenzene	1.52	J	2.0	0.15	0.060
111-91-1	Bis(2-chloroethoxy)methane	1.43		0.60	0.15	0.050
111-44-4	Bis(2-chloroethyl)ether	1.47		0.10	0.090	0.030
108-60-1	bis (2-chloroisopropyl) ether	1.38		0.25	0.15	0.060
85-68-7	Butyl benzyl phthalate	2.06	J	4.0	0.60	0.27
84-66-2	Diethyl phthalate	1.93		1.0	0.30	0.15
131-11-3	Dimethyl phthalate	1.70		0.60	0.15	0.060
84-74-2	Di-n-butyl phthalate	1.83	J	3.0	0.50	0.19
117-84-0	Di-n-octyl phthalate	1.95		1.0	0.30	0.13
118-74-1	Hexachlorobenzene	1.44		0.60	0.090	0.040
87-68-3	Hexachlorobutadiene	0.854	J	1.0	0.15	0.060
77-47-4	Hexachlorocyclopentadiene	0.865	J	1.0	0.30	0.14
67-72-1	Hexachloroethane	0.860	J	1.0	0.15	0.050
78-59-1	Isophorone	1.40		0.40	0.30	0.10
15831-10-4	m+p-Cresol	1.16		0.60	0.30	0.10
98-95-3	Nitrobenzene	1.46		1.0	0.090	0.040
62-75-9	N-Nitrosodimethylamine	1.09	J	2.0	0.60	0.26

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 580-383558/3-A

Matrix: Water | Lab File ID: 40Scan031422a011.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 1000(mL) | Date Analyzed: 03/14/2022 14:46

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383728 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
621-64-7	N-Nitrosodi-n-propylamine	1.45		0.40	0.090	0.060
86-30-6	N-Nitrosodiphenylamine	1.58		1.0	0.15	0.070
95-48-7	o-Cresol	1.21		0.60	0.15	0.050
87-86-5	Pentachlorophenol	1.79	J	10	1.0	0.51
108-95-2	Phenol	0.683	J	1.0	0.60	0.36
129-00-0	Pyrene	1.88		1.0	0.090	0.040
110-86-1	Pyridine	3.2	U Q	10	3.2	1.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	74		43-140
321-60-8	2-Fluorobiphenyl	70		44-119
367-12-4	2-Fluorophenol (Surr)	51		19-119
4165-60-0	Nitrobenzene-d5 (Surr)	75		44-120
4165-62-2	Phenol-d5 (Surr)	30		10-120
1718-51-0	Terphenyl-d14	92		50-134

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a011.D
Lims ID: LCSD 580-383558/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 14-Mar-2022 14:46:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCS 580-383558/2-A
Operator ID: tl Instrument ID: TAC040

Method: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 15-Mar-2022 11:43:02 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1623

First Level Reviewer: limmere Date: 15-Mar-2022 11:43:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.701	4.701	0.000	88	28320	100.0	100.0	
* 2 Naphthalene-d8	136	5.730	5.731	-0.001	97	94237	100.0	100.0	
* 3 Acenaphthene-d10	164	7.166	7.166	0.000	63	49132	100.0	100.0	
* 4 Phenanthrene-d10	188	8.383	8.383	0.000	95	82375	100.0	100.0	
* 5 Chrysene-d12	240	10.589	10.589	0.000	67	64110	100.0	100.0	
* 6 Perylene-d12	264	12.100	12.107	-0.007	95	59477	100.0	100.0	
$ 7 2-Fluorophenol	112	3.659	3.654	0.005	78	136066	1000.0	509.4	
$ 8 Phenol-d5	99	4.430	4.430	-0.001	98	85791	1000.0	304.5	
$ 9 Nitrobenzene-d5	82	5.154	5.154	0.000	77	135378	1000.0	747.9	
$ 10 2-Fluorobiphenyl	172	6.624	6.624	-0.001	98	441190	1000.0	703.0	
$ 11 2,4,6-Tribromophenol	330	7.818	7.818	-0.001	84	113968	1000.0	743.5	
$ 12 Terphenyl-d14	244	9.707	9.707	0.000	96	552659	1000.0	921.0	
15 N-Nitrosodimethylamine	74	2.520	2.515	0.005	87	47730	1000.0	547.4	
16 Pyridine	79	2.541	2.531	0.010	92	40946	2000.0	251.6	
18 Phenol	94	4.442	4.436	0.006	71	91571	1000.0	341.5	
17 Aniline	93	4.442	4.442	0.000	95	167255	1000.0	591.2	
19 Bis(2-chloroethyl)ether	93	4.501	4.501	0.000	93	151144	1000.0	734.2	
20 2-Chlorophenol	128	4.536	4.536	0.000	83	234241	1000.0	714.3	
21 n-Decane	57	4.589	4.589	0.000	91	62230	1000.0	456.9	
22 1,3-Dichlorobenzene	146	4.654	4.654	0.000	95	200508	1000.0	505.2	
23 1,4-Dichlorobenzene	146	4.719	4.719	0.000	97	211182	1000.0	527.6	
27 Benzyl alcohol	79	4.825	4.824	-0.001	93	78458	1000.0	571.2	
24 1,2-Dichlorobenzene	146	4.836	4.836	0.000	95	212149	1000.0	555.3	
28 2-Methylphenol	108	4.924	4.924	-0.001	82	141577	1000.0	606.2	
25 2,2'-oxybis[1-chloropropane]	45	4.936	4.936	0.000	79	130881	1000.0	690.8	
29 Acetophenone	105	5.030	5.036	-0.006	91	239777	1000.0	703.1	
30 N-Nitrosodi-n-propylamine	70	5.042	5.042	0.000	84	67890	1000.0	723.6	
32 3 & 4 Methylphenol	108	5.054	5.054	0.000	59	133991	1000.0	580.2	
31 Hexachloroethane	117	5.107	5.107	0.000	91	71510	1000.0	429.9	
33 Nitrobenzene	77	5.166	5.166	0.000	80	123675	1000.0	727.6	
34 Isophorone	82	5.366	5.366	0.000	97	230883	1000.0	701.9	
35 2-Nitrophenol	139	5.424	5.424	-0.001	77	126420	1000.0	750.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
37 2,4-Dimethylphenol	107	5.477	5.477	-0.001	87	152459	1000.0	654.6	
36 Benzoic acid	105	5.524	5.524	-0.018	18	66486	2000.0	559.4	a
38 Bis(2-chloroethoxy)methane	93	5.554	5.554	0.000	87	183064	1000.0	714.9	
39 2,4-Dichlorophenol	162	5.630	5.630	-0.001	83	191408	1000.0	743.1	
40 1,2,4-Trichlorobenzene	180	5.689	5.689	0.000	92	182020	1000.0	578.6	
41 Naphthalene	128	5.748	5.748	0.000	95	591721	1000.0	685.3	
43 4-Chloroaniline	127	5.807	5.807	0.000	70	189522	1000.0	578.1	
42 2,6-Dichlorophenol	162	5.807	5.807	0.000	90	193058	1000.0	766.7	
44 Hexachlorobutadiene	225	5.860	5.860	0.000	92	79381	1000.0	427.2	
45 4-Chloro-3-methylphenol	107	6.219	6.218	0.000	79	126584	1000.0	755.5	
46 2-Methylnaphthalene	142	6.319	6.318	0.000	83	373376	1000.0	690.7	
47 1-Methylnaphthalene	142	6.395	6.395	0.000	90	361005	1000.0	680.8	
48 Hexachlorocyclopentadiene	237	6.448	6.448	0.000	81	96633	1000.0	432.6	
49 1,2,4,5-Tetrachlorobenzene	216	6.454	6.454	0.000	93	186680	1000.0	584.3	
50 2,4,6-Trichlorophenol	196	6.554	6.554	0.000	85	135314	1000.0	709.6	
51 2,4,5-Trichlorophenol	196	6.589	6.589	0.000	94	147330	1000.0	775.5	
52 1,1'-Biphenyl	154	6.701	6.701	0.000	93	465197	1000.0	703.1	
53 2-Chloronaphthalene	162	6.713	6.713	0.000	93	385452	1000.0	701.5	
54 2-Nitroaniline	138	6.807	6.807	0.000	87	127361	1000.0	740.6	
55 Dimethyl phthalate	163	6.966	6.966	0.000	97	494726	1000.0	849.0	
56 1,3-Dinitrobenzene	168	6.983	6.983	0.000	84	64866	1000.0	761.7	
57 2,6-Dinitrotoluene	165	7.007	7.007	0.000	64	105816	1000.0	781.3	
58 Acenaphthylene	152	7.048	7.054	-0.006	93	612466	1000.0	770.8	
59 3-Nitroaniline	138	7.142	7.148	-0.006	79	90262	1000.0	698.4	
60 Acenaphthene	153	7.195	7.195	0.000	93	401552	1000.0	739.8	
69 2,4-Dinitrophenol	184	7.230	7.230	0.000	73	103015	2000.0	1361.8	a
63 4-Nitrophenol	109	7.313	7.313	0.000	70	40613	2000.0	764.6	
62 2,4-Dinitrotoluene	165	7.336	7.336	0.000	56	138016	1000.0	813.4	
61 Dibenzofuran	168	7.336	7.336	0.000	90	574762	1000.0	793.6	
64 2,3,5,6-Tetrachlorophenol	232	7.407	7.407	0.000	90	110185	1000.0	725.7	
65 2,3,4,6-Tetrachlorophenol	232	7.442	7.442	0.000	67	125921	1000.0	762.9	
66 Diethyl phthalate	149	7.548	7.548	0.000	96	591583	1000.0	963.6	
67 Fluorene	166	7.618	7.618	-0.001	92	456877	1000.0	793.9	
68 4-Chlorophenyl phenyl ether	204	7.630	7.630	0.000	84	201507	1000.0	728.1	
70 4-Nitroaniline	138	7.642	7.642	0.000	42	97923	1000.0	1263.8	
73 4,6-Dinitro-2-methylphenol	198	7.665	7.666	-0.001	76	141330	2000.0	1617.3	
71 N-Nitrosodiphenylamine	169	7.724	7.724	0.000	59	310109	1000.0	791.1	
72 Azobenzene	77	7.754	7.760	-0.006	87	258354	1000.0	757.9	
74 4-Bromophenyl phenyl ether	248	8.030	8.030	0.000	50	143214	1000.0	749.7	
75 Hexachlorobenzene	284	8.060	8.065	-0.006	88	196284	1000.0	720.4	
76 Atrazine	200	8.177	8.177	0.000	90	229614	2000.0	1631.3	
77 Pentachlorophenol	266	8.230	8.230	0.000	89	117187	2000.0	893.0	
78 n-Octadecane	43	8.330	8.330	0.000	94	104678	1000.0	778.5	
79 Phenanthrene	178	8.401	8.401	0.000	96	698017	1000.0	825.6	
80 Anthracene	178	8.442	8.442	0.000	96	682598	1000.0	836.6	
81 Carbazole	167	8.583	8.583	0.000	82	617567	1000.0	1088.3	
83 Di-n-butyl phthalate	149	8.895	8.895	0.000	98	949722	1000.0	915.7	
84 Fluoranthene	202	9.377	9.377	0.000	97	784621	1000.0	932.6	
85 Benzidine	184	9.507	9.507	0.000	92	39917	2000.0	266.1	
86 Pyrene	202	9.559	9.559	-0.001	97	816270	1000.0	942.1	
87 Butyl benzyl phthalate	149	10.118	10.124	-0.006	89	385831	1000.0	1030.0	
91 3,3'-Dichlorobenzidine	252	10.571	10.577	-0.006	70	435105	2000.0	1898.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
89 Benzo[a]anthracene	228	10.577	10.577	0.000	99	649918	1000.0	888.9	
90 Chrysene	228	10.612	10.612	-0.001	92	656310	1000.0	849.9	
92 Bis(2-ethylhexyl) phthalate	149	10.648	10.648	0.000	74	562720	1000.0	1071.5	
93 Di-n-octyl phthalate	149	11.318	11.313	0.000	96	800351	1000.0	973.0	
94 Benzo[b]fluoranthene	252	11.677	11.671	0.000	95	574908	1000.0	867.6	
95 Benzofluoranthene	252	11.706	11.677	-0.001	99	1291552	2000.0	1914.1	
96 Benzo[k]fluoranthene	252	11.706	11.701	-0.001	97	700554	1000.0	989.8	
97 Benzo[a]pyrene	252	12.036	12.036	-0.006	77	548972	1000.0	926.3	
98 Indeno[1,2,3-cd]pyrene	276	13.359	13.359	-0.006	96	477275	1000.0	820.9	
99 Dibenz(a,h)anthracene	278	13.400	13.394	-0.001	74	554287	1000.0	859.3	
100 Benzo[g,h,i]perylene	276	13.671	13.670	-0.006	90	639270	1000.0	890.8	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

MeCl2_CT_00216	Amount Added: 1.00	Units: mL	Run Reagent
8270SIM_IS_00069	Amount Added: 10.00	Units: uL	Run Reagent

Report Date: 15-Mar-2022 11:43:03 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a011.D

Injection Date: 14-Mar-2022 14:46:30 Instrument ID: TAC040

Lims ID: LCSD 580-383558/3-A

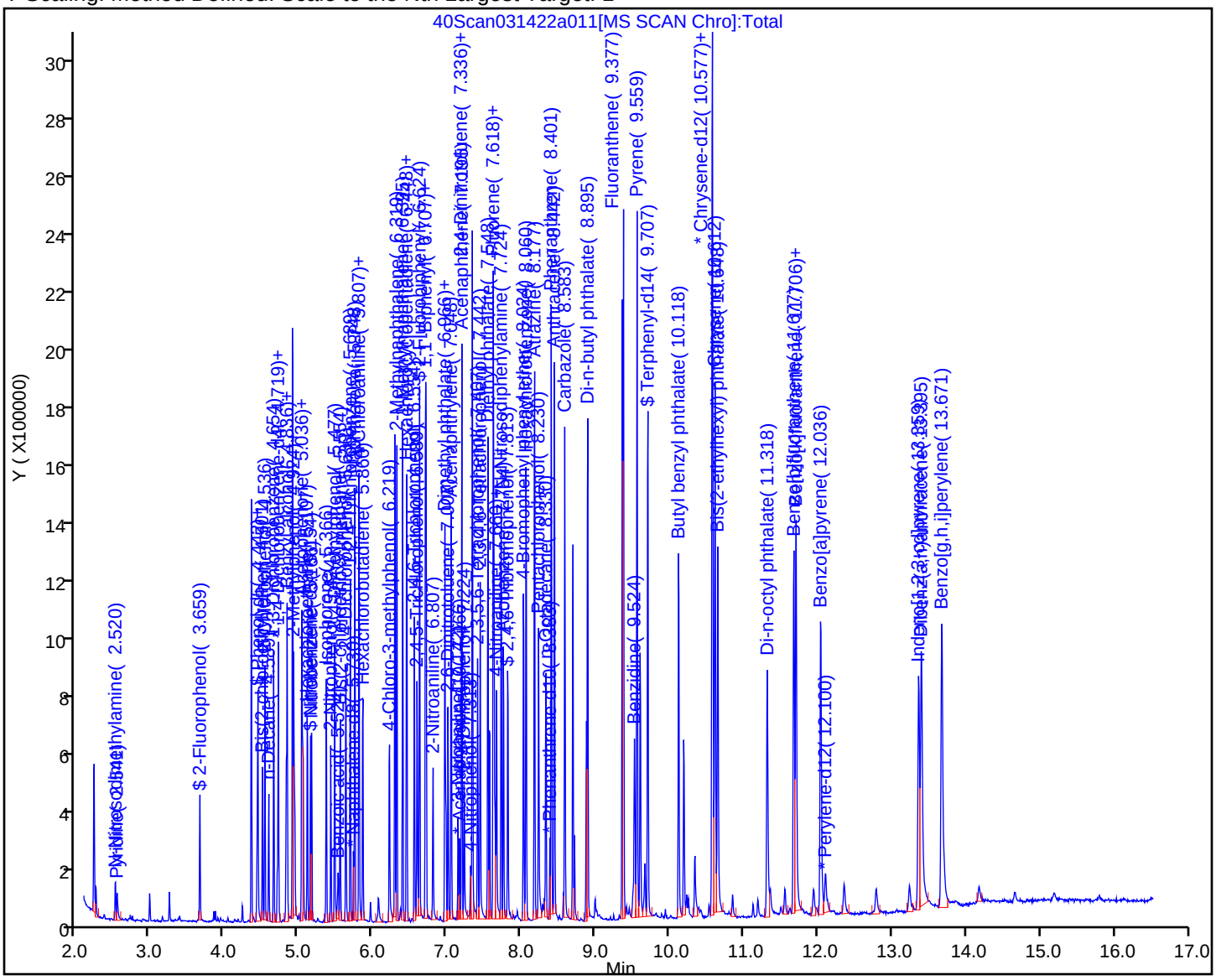
Client ID:

Operator ID: tl ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270TAC040 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Seattle
Recovery Report

Data File: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\40Scan031422a011.D
Lims ID: LCSD 580-383558/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 14-Mar-2022 14:46:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCS 580-383558/2-A
Operator ID: tl Instrument ID: TAC040

Method: \\chromfs\Seattle\ChromData\TAC040\20220314-81724.b\8270TAC040.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 15-Mar-2022 11:43:02 Calib Date: 03-Mar-2022 20:58:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC040\20220303-81577.b\40Scan030322a016.D

Column 1 : Det: MS SCAN
Process Host: CTX1623

First Level Reviewer: limmere Date: 15-Mar-2022 11:43:02

Compound	Amount Added	Amount Recovered	% Rec.
$ 7 2-Fluorophenol	1000.0	509.4	50.94
$ 8 Phenol-d5	1000.0	304.5	30.45
$ 9 Nitrobenzene-d5	1000.0	747.9	74.79
$ 10 2-Fluorobiphenyl	1000.0	703.0	70.30
$ 11 2,4,6-Tribromophenol	1000.0	743.5	74.35
$ 12 Terphenyl-d14	1000.0	921.0	92.10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 580-383558/3-A RA

Matrix: Water | Lab File ID: 31822A09.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 1000(mL) | Date Analyzed: 03/18/2022 12:32

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 384307 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
51-28-5	2,4-Dinitrophenol	2.91	J M	5.0	3.2	1.6
534-52-1	4,6-Dinitro-2-methylphenol	3.17		2.0	1.2	0.55
100-02-7	4-Nitrophenol	2.50	J	10	6.0	1.7
117-81-7	Bis(2-ethylhexyl) phthalate	2.42	J	3.0	1.6	0.74
108-60-1	bis (2-chloroisopropyl) ether	1.55		0.25	0.15	0.060

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A09.D
Lims ID: LCSD 580-383558/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 18-Mar-2022 12:32:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: lcsd 580-383558/3-a
Operator ID: TL Instrument ID: TAC051

Method: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 18-Mar-2022 20:23:29 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1663

First Level Reviewer: boylea Date: 18-Mar-2022 20:23:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	4.454	4.454	0.000	89	31206	100.0	100.0	
* 2 Naphthalene-d8	136	5.469	5.469	0.000	90	123460	100.0	100.0	
* 3 Acenaphthene-d10	164	6.896	6.895	0.001	86	67724	100.0	100.0	
* 4 Phenanthrene-d10	188	8.108	8.108	0.000	94	106437	100.0	100.0	
* 5 Chrysene-d12	240	10.304	10.309	-0.005	60	85031	100.0	100.0	
* 6 Perylene-d12	264	11.826	11.831	-0.005	88	98232	100.0	100.0	
$ 7 2-Fluorophenol	112	3.471	3.471	0.000	85	168840	1000.0	584.7	
$ 8 Phenol-d5	99	4.225	4.224	0.001	94	124098	1000.0	385.0	
$ 9 Nitrobenzene-d5	82	4.898	4.897	0.001	84	245337	1000.0	834.9	
$ 10 2-methylnaphthalene-d10	152	6.020	6.019	0.001	0	559049	NC	NC	
$ 11 2-Fluorobiphenyl	172	6.351	6.356	-0.005	99	670787	1000.0	744.9	
$ 12 2,4,6-Tribromophenol	330	7.547	7.547	0.000	87	130755	1000.0	911.4	
$ 13 Fluoranthene-d10 (Surr)	212	9.086	9.085	0.001	0	1049959	NC	NC	
$ 14 Terphenyl-d14	244	9.428	9.433	-0.005	96	853431	1000.0	1070.6	
15 1,4-Dioxane	88	2.323	2.328	-0.005	13	1119	NC	NC	
16 N-Nitrosodimethylamine	74	2.414	2.408	0.006	73	80680	1000.0	637.1	
17 Pyridine	79	2.430	2.413	0.017	82	65566	2000.0	336.0	
18 Aniline	93	4.203	4.203	0.000	98	254364	1000.0	651.7	
19 Phenol	94	4.235	4.229	0.006	84	116167	1000.0	370.6	
20 Bis(2-chloroethyl)ether	93	4.257	4.256	0.001	95	216262	1000.0	802.3	
21 2-Chlorophenol	128	4.305	4.304	0.001	85	350188	1000.0	927.1	
22 n-Decane	57	4.331	4.331	0.000	90	125813	1000.0	510.5	
23 1,3-Dichlorobenzene	146	4.406	4.405	0.000	96	296522	1000.0	659.2	
25 1,4-Dichlorobenzene	146	4.465	4.464	0.001	96	299876	1000.0	614.1	
27 1,2-Dichlorobenzene	146	4.582	4.582	0.000	97	308818	1000.0	675.4	
26 Benzyl alcohol	79	4.582	4.582	0.000	54	125872	1000.0	660.6	
29 2,2'-oxybis[1-chloropropane]	45	4.679	4.683	-0.004	73	234641	1000.0	774.9	
28 2-Methylphenol	108	4.695	4.694	0.001	94	216057	1000.0	824.9	
30 Acetophenone	105	4.780	4.780	0.000	93	364829	1000.0	923.3	
31 N-Nitrosodi-n-propylamine	70	4.785	4.785	0.000	90	134888	1000.0	867.3	
32 3 & 4 Methylphenol	108	4.823	4.822	0.001	97	198337	1000.0	728.3	
33 Hexachloroethane	117	4.844	4.844	0.000	88	101507	1000.0	573.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
34 Nitrobenzene	77	4.914	4.913	0.001	79	221702	1000.0	838.9	
35 Isophorone	82	5.106	5.106	0.000	95	431311	1000.0	939.1	
36 2-Nitrophenol	139	5.165	5.169	-0.005	89	183651	1000.0	864.6	
37 2,4-Dimethylphenol	107	5.229	5.234	-0.005	92	272738	1000.0	878.5	
38 Bis(2-chloroethoxy)methane	93	5.293	5.293	0.001	93	267301	1000.0	927.7	
39 Benzoic acid	105	5.229	5.319	-0.090	49	8422	2000.0	365.8	
40 2,4-Dichlorophenol	162	5.384	5.383	0.001	86	269118	1000.0	826.2	
41 1,2,4-Trichlorobenzene	180	5.421	5.426	-0.005	95	233439	1000.0	618.3	
42 Naphthalene	128	5.485	5.485	0.000	95	934816	1000.0	755.1	
44 2,6-Dichlorophenol	162	5.549	5.549	0.000	94	292449	1000.0	831.9	
43 4-Chloroaniline	127	5.549	5.549	0.000	68	275031	1000.0	645.9	
45 Hexachlorobutadiene	225	5.587	5.586	0.001	90	100686	1000.0	449.3	
46 4-Chloro-3-methylphenol	107	5.977	5.976	0.001	86	214382	1000.0	821.2	
47 2-Methylnaphthalene	142	6.046	6.046	0.000	81	603000	1000.0	749.7	
48 1-Methylnaphthalene	142	6.126	6.126	0.000	83	589493	1000.0	771.7	
49 Hexachlorocyclopentadiene	237	6.174	6.174	0.000	86	98183	1000.0	410.9	
50 1,2,4,5-Tetrachlorobenzene	216	6.185	6.185	0.000	95	236068	1000.0	658.0	
52 2,4,6-Trichlorophenol	196	6.297	6.297	0.000	87	176057	1000.0	815.6	
53 2,4,5-Trichlorophenol	196	6.345	6.345	0.000	87	204974	1000.0	833.5	
54 1,1'-Biphenyl	154	6.431	6.430	0.001	93	777602	1000.0	791.5	
55 2-Chloronaphthalene	162	6.442	6.441	0.001	96	566351	1000.0	733.9	
56 2-Nitroaniline	138	6.548	6.548	0.000	88	204936	1000.0	952.7	
57 Dimethyl phthalate	163	6.698	6.697	0.001	98	812664	1000.0	1020.8	
58 1,3-Dinitrobenzene	168	6.725	6.724	0.001	44	122332	1000.0	1029.5	
59 2,6-Dinitrotoluene	165	6.741	6.746	-0.005	70	173031	1000.0	880.7	
60 Acenaphthylene	152	6.778	6.778	0.000	91	987210	1000.0	863.0	
61 3-Nitroaniline	138	6.890	6.890	0.000	85	148799	1000.0	796.7	
62 Acenaphthene	153	6.922	6.922	0.000	86	640812	1000.0	808.6	
63 2,4-Dinitrophenol	184	6.970	6.970	0.000	82	133020	2000.0	1455.8	a
66 Dibenzofuran	168	7.067	7.066	0.001	88	883013	1000.0	876.3	
65 2,4-Dinitrotoluene	165	7.072	7.071	0.001	94	228816	1000.0	908.4	
64 4-Nitrophenol	109	7.104	7.095	0.011	50	61714	2000.0	1251.0	
51 2,3,5,6-Tetrachlorophenol	232	7.147	7.152	0.001	80	123404	1000.0	724.6	
67 2,3,4,6-Tetrachlorophenol	232	7.179	7.189	-0.005	77	175301	1000.0	867.5	
68 Diethyl phthalate	149	7.275	7.274	0.001	98	899670	1000.0	1024.8	
69 Fluorene	166	7.344	7.344	0.000	85	739770	1000.0	922.6	
70 4-Chlorophenyl phenyl ether	204	7.355	7.360	0.000	91	314121	1000.0	851.0	
71 4-Nitroaniline	138	7.392	7.392	0.000	87	147314	1000.0	827.7	
72 4,6-Dinitro-2-methylphenol	198	7.403	7.405	0.000	85	196336	2000.0	1585.0	
73 N-Nitrosodiphenylamine	169	7.457	7.456	0.001	57	556857	1000.0	985.5	
74 Azobenzene	77	7.483	7.483	0.000	93	499092	1000.0	850.8	
75 4-Bromophenyl phenyl ether	248	7.750	7.755	-0.005	60	206288	1000.0	876.7	
76 Hexachlorobenzene	284	7.788	7.787	0.001	87	237438	1000.0	863.2	
77 Atrazine	200	7.905	7.905	0.000	94	418057	2000.0	1826.4	
78 Pentachlorophenol	266	7.969	7.969	0.000	82	113761	2000.0	844.4	
79 n-Octadecane	57	8.050	8.049	0.001	89	261987	1000.0	777.0	
80 Phenanthrene	178	8.130	8.129	0.001	95	1064204	1000.0	886.1	
81 Anthracene	178	8.172	8.172	0.000	96	1062707	1000.0	852.8	
83 Carbazole	167	8.317	8.321	-0.004	82	1024206	1000.0	1078.3	
84 Di-n-butyl phthalate	149	8.616	8.615	0.001	99	1426562	1000.0	945.5	
85 Fluoranthene	202	9.102	9.101	0.001	96	1193445	1000.0	935.2	
88 Benzidine	184	9.246	9.240	0.006	55	38027	2000.0	208.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
89 Pyrene	202	9.284	9.288	-0.004	97	1161260	1000.0	883.4	
94 Butyl benzyl phthalate	149	9.844	9.844	0.000	91	642796	1000.0	1048.4	
96 3,3'-Dichlorobenzidine	252	10.293	10.298	-0.005	67	712113	2000.0	2074.1	
97 Benzo[a]anthracene	228	10.299	10.298	0.001	98	1017748	1000.0	956.2	
99 Chrysene	228	10.331	10.330	0.001	93	998842	1000.0	887.3	
98 Bis(2-ethylhexyl) phthalate	149	10.357	10.362	-0.005	76	956272	1000.0	1207.8	
100 Di-n-octyl phthalate	149	11.020	11.019	0.001	97	1446272	1000.0	1112.0	
101 Benzo[b]fluoranthene	252	11.394	11.393	0.001	94	1028075	1000.0	945.1	
103 Benzo[k]fluoranthene	252	11.420	11.425	-0.005	97	1178278	1000.0	893.5	
104 Benzo[a]pyrene	252	11.762	11.767	-0.005	72	924117	1000.0	923.8	
105 Indeno[1,2,3-cd]pyrene	276	13.125	13.129	-0.004	98	884632	1000.0	888.7	
106 Dibenz(a,h)anthracene	278	13.167	13.178	0.000	1	933632	1000.0	871.8	
107 Benzo[g,h,i]perylene	276	13.456	13.461	-0.005	95	1082559	1000.0	868.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

8270SIM_IS_00069 Amount Added: 10.00 Units: uL Run Reagent

Report Date: 18-Mar-2022 20:23:30 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A09.D

Injection Date: 18-Mar-2022 12:32:30 Instrument ID: TAC051

Lims ID: LCSD 580-383558/3-A

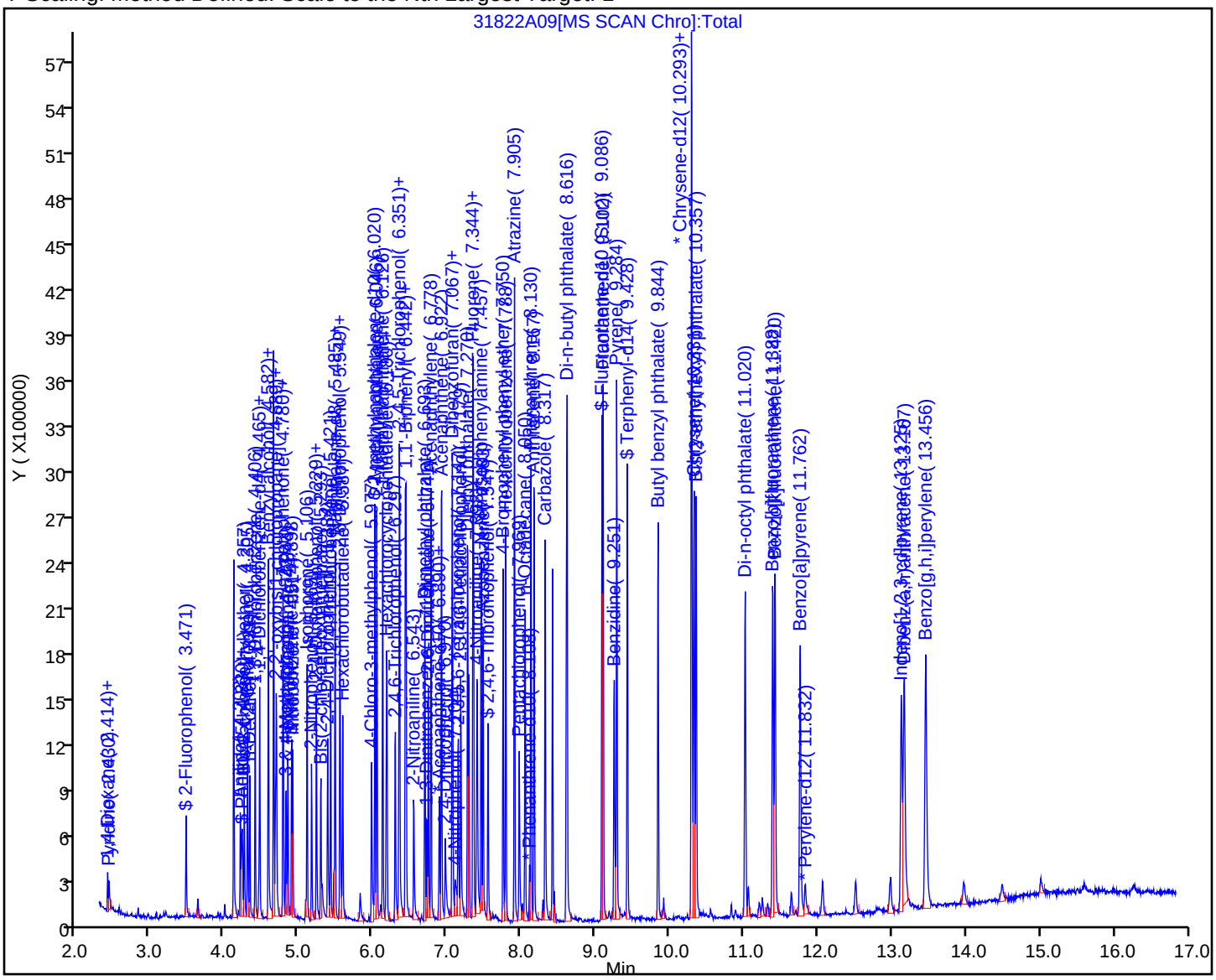
Client ID:

Operator ID: TL ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270 TAC051 Limit Group: 8270D BNA QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Seattle
Recovery Report

Data File: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A09.D
Lims ID: LCSD 580-383558/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 18-Mar-2022 12:32:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: lcsd 580-383558/3-a
Operator ID: TL Instrument ID: TAC051

Method: \\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\8270 TAC051.m
Limit Group: 8270D BNA QSM 5.0
Last Update: 18-Mar-2022 20:23:29 Calib Date: 24-Jan-2022 20:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\TAC051\20220124-81014.b\0124A19_.D

Column 1 : Det: MS SCAN
Process Host: CTX1663

First Level Reviewer: boylea Date: 18-Mar-2022 20:23:29

Compound	Amount Added	Amount Recovered	% Rec.
$ 7 2-Fluorophenol	1000.0	584.7	58.47
$ 8 Phenol-d5	1000.0	385.0	38.50
$ 9 Nitrobenzene-d5	1000.0	834.9	83.49
$ 11 2-Fluorobiphenyl	1000.0	744.9	74.49
$ 12 2,4,6-Tribromophenol	1000.0	911.4	91.14
$ 14 Terphenyl-d14	1000.0	1070.6	107.06

Manual Integration/User Assign Peak Report

Eurofins Seattle

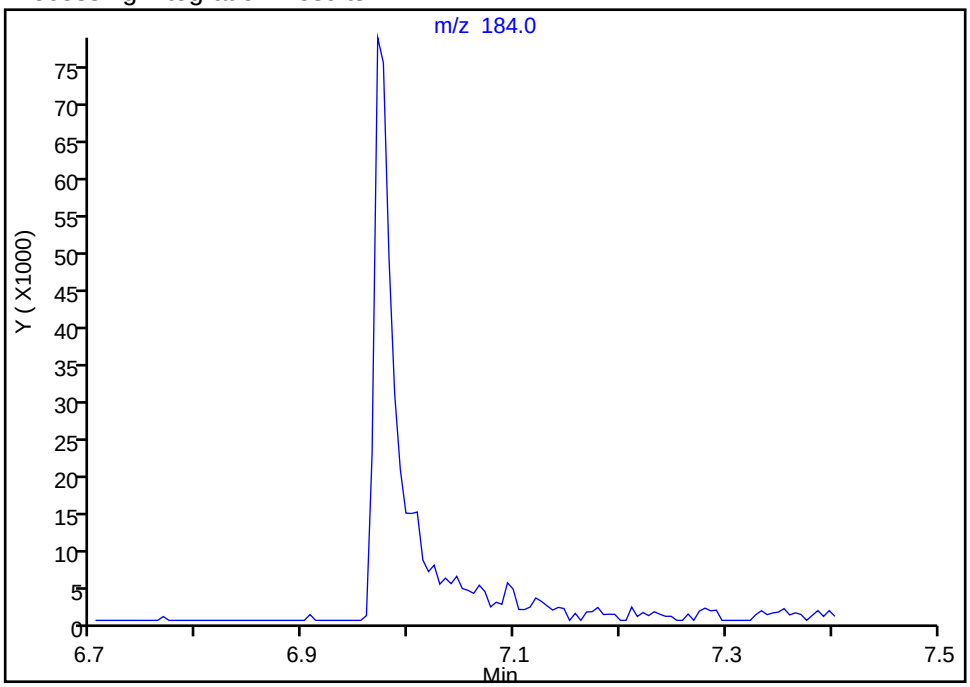
Data File:	\\chromfs\Seattle\ChromData\TAC051\20220318-81811.b\31822A09.D				
Injection Date:	18-Mar-2022 12:32:30	Instrument ID:	TAC051		
Lims ID:	LCSD 580-383558/3-A				
Client ID:					
Operator ID:	TL	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270 TAC051	Limit Group:	8270D BNA QSM 5.0		
Column:		Detector	MS SCAN		

63 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

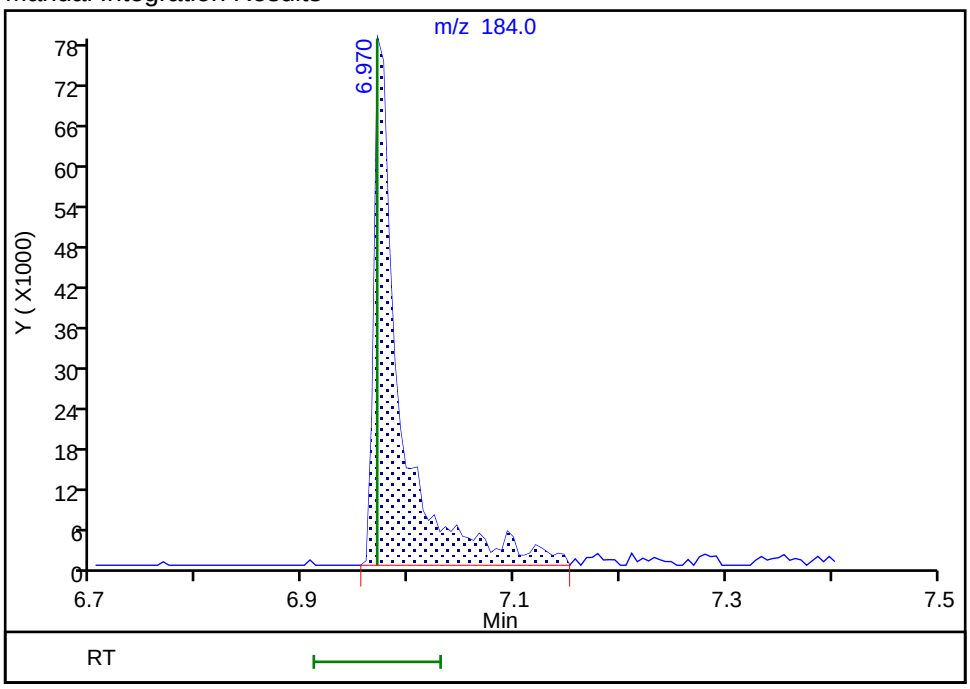
Not Detected
Expected RT: 6.97

Processing Integration Results



Manual Integration Results

RT: 6.97
Area: 133020
Amount: 1455.7846
Amount Units: ug/L



Reviewer: boylea, 18-Mar-2022 20:23:20
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: TAC051 Start Date: 01/24/2022 16:16

Analysis Batch Number: 379142 End Date: 01/24/2022 21:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-379142/2		01/24/2022 16:16	1	0124A08_.D	ZB-SV 0.25(mm)
STD10 580-379142/4 IC		01/24/2022 17:04	1	0124A10_.D	ZB-SV 0.25(mm)
STD9 580-379142/5 IC		01/24/2022 17:28	1	0124A11_.D	ZB-SV 0.25(mm)
STD8 580-379142/6 IC		01/24/2022 17:51	1	0124A12_.D	ZB-SV 0.25(mm)
STD7IS 580-379142/7 ICIS		01/24/2022 18:14	1	0124A13_.D	ZB-SV 0.25(mm)
STD6 580-379142/8 IC		01/24/2022 18:37	1	0124A14_.D	ZB-SV 0.25(mm)
STD5 580-379142/9 IC		01/24/2022 19:00	1	0124A15_.D	ZB-SV 0.25(mm)
STD4 580-379142/10 IC		01/24/2022 19:23	1	0124A16_.D	ZB-SV 0.25(mm)
STD3 580-379142/11 IC		01/24/2022 19:45	1	0124A17_.D	ZB-SV 0.25(mm)
STD2 580-379142/12 IC		01/24/2022 20:08	1	0124A18_.D	ZB-SV 0.25(mm)
STD1 580-379142/13 IC		01/24/2022 20:31	1	0124A19_.D	ZB-SV 0.25(mm)
ICB 580-379142/14		01/24/2022 20:54	1		ZB-SV 0.25(mm)
ICV 580-379142/15		01/24/2022 21:17	1	0124A21_.D	ZB-SV 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: TAC040 Start Date: 03/03/2022 16:15

Analysis Batch Number: 382822 End Date: 03/03/2022 21:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-382822/2		03/03/2022 16:15	1	40Scan030322a005.D	ZB-SV 0.25(mm)
STD10 580-382822/4 IC		03/03/2022 17:30	1	40Scan030322a007.D	ZB-SV 0.25(mm)
STD9 580-382822/5 IC		03/03/2022 17:53	1	40Scan030322a008.D	ZB-SV 0.25(mm)
STD8 580-382822/6 IC		03/03/2022 18:16	1	40Scan030322a009.D	ZB-SV 0.25(mm)
STD7IS 580-382822/7 ICIS		03/03/2022 18:40	1	40Scan030322a010.D	ZB-SV 0.25(mm)
STD6 580-382822/8 IC		03/03/2022 19:03	1	40Scan030322a011.D	ZB-SV 0.25(mm)
STD5 580-382822/9 IC		03/03/2022 19:26	1	40Scan030322a012.D	ZB-SV 0.25(mm)
STD4 580-382822/10 IC		03/03/2022 19:49	1	40Scan030322a013.D	ZB-SV 0.25(mm)
STD3 580-382822/11 IC		03/03/2022 20:12	1	40Scan030322a014.D	ZB-SV 0.25(mm)
STD2 580-382822/12 IC		03/03/2022 20:35	1	40Scan030322a015.D	ZB-SV 0.25(mm)
STD1 580-382822/13 IC		03/03/2022 20:58	1	40Scan030322a016.D	ZB-SV 0.25(mm)
ICB 580-382822/14		03/03/2022 21:21	1		ZB-SV 0.25(mm)
ICV 580-382822/15		03/03/2022 21:44	1	40Scan030322a018.D	ZB-SV 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: TAC040 Start Date: 03/14/2022 12:19

Analysis Batch Number: 383728 End Date: 03/14/2022 19:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-383728/2		03/14/2022 12:19	1	40Scan031422a005.D	ZB-SV 0.25(mm)
CCVIS 580-383728/3		03/14/2022 12:50	1	40Scan031422a006.D	ZB-SV 0.25(mm)
MB 580-383558/1-A		03/14/2022 13:36	1	40Scan031422a008.D	ZB-SV 0.25(mm)
LCS 580-383558/2-A		03/14/2022 14:23	1	40Scan031422a010.D	ZB-SV 0.25(mm)
LCSD 580-383558/3-A		03/14/2022 14:46	1	40Scan031422a011.D	ZB-SV 0.25(mm)
ZZZZZ		03/14/2022 16:19	1		ZB-SV 0.25(mm)
580-111087-1	ERH2672 (RHMW10)	03/14/2022 16:42	1	40Scan031422a016.D	ZB-SV 0.25(mm)
580-111087-2	ERH2670 (RHMW19)	03/14/2022 17:05	1	40Scan031422a017.D	ZB-SV 0.25(mm)
CCVC 580-383728/20		03/14/2022 19:24	1	40Scan031422a023.D	ZB-SV 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: TAC051 Start Date: 03/18/2022 09:59

Analysis Batch Number: 384307 End Date: 03/18/2022 18:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-384307/2		03/18/2022 09:59	1	31822A03.D	ZB-SV 0.25(mm)
CCVIS 580-384307/3		03/18/2022 10:27	1	31822A04.D	ZB-SV 0.25(mm)
MB 580-383558/1-A RA		03/18/2022 11:22	1	31822A06.D	ZB-SV 0.25(mm)
ZZZZZ		03/18/2022 11:46	1		ZB-SV 0.25(mm)
LCS 580-383558/2-A RA		03/18/2022 12:09	1	31822A08.D	ZB-SV 0.25(mm)
LCSD 580-383558/3-A RA		03/18/2022 12:32	1	31822A09.D	ZB-SV 0.25(mm)
ZZZZZ		03/18/2022 12:56	1		ZB-SV 0.25(mm)
ZZZZZ		03/18/2022 13:19	1		ZB-SV 0.25(mm)
580-111087-1 RA	ERH2672 (RHMW10) RA	03/18/2022 13:43	1	31822A12.D	ZB-SV 0.25(mm)
580-111087-2 RA	ERH2670 (RHMW19) RA	03/18/2022 14:06	1	31822A13.D	ZB-SV 0.25(mm)
ZZZZZ		03/18/2022 14:30	1		ZB-SV 0.25(mm)
ZZZZZ		03/18/2022 14:53	1		ZB-SV 0.25(mm)
ZZZZZ		03/18/2022 15:16	1		ZB-SV 0.25(mm)
ZZZZZ		03/18/2022 15:40	1		ZB-SV 0.25(mm)
ZZZZZ		03/18/2022 16:03	1		ZB-SV 0.25(mm)
ZZZZZ		03/18/2022 16:27	1		ZB-SV 0.25(mm)
ZZZZZ		03/18/2022 16:50	1		ZB-SV 0.25(mm)
ZZZZZ		03/18/2022 17:13	1		ZB-SV 0.25(mm)
ZZZZZ		03/18/2022 17:37	1		ZB-SV 0.25(mm)
CCVC 580-384307/22		03/18/2022 18:00	1	31822A23.D	ZB-SV 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Batch Number: 383558 Batch Start Date: 03/11/22 09:25 Batch Analyst: Yu, Johnathon J

Batch Method: 3510C Batch End Date: 03/11/22 16:36

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH
MB 580-383558/1		3510C, 8270E				1000 mL	2 mL	7 SU	2 SU
LCS 580-383558/2		3510C, 8270E				1000 mL	2 mL	7 SU	2 SU
LCSD 580-383558/3		3510C, 8270E				1000 mL	2 mL	7 SU	2 SU
580-111087-B-1	ERH2672 (RHMW10)	3510C, 8270E	T	01453.37 g	00467.26 g	986.1 mL	2 mL	7 SU	2 SU
580-111087-B-2	ERH2670 (RHMW19)	3510C, 8270E	T	01461.77 g	00467.66 g	994.1 mL	2 mL	7 SU	2 SU

Lab Sample ID	Client Sample ID	Method Chain	Basis	SecondAdjustpH	8270flspk 00296	8270waterSurr 00118			
MB 580-383558/1		3510C, 8270E		11 SU		100 uL			
LCS 580-383558/2		3510C, 8270E		11 SU	100 uL	100 uL			
LCSD 580-383558/3		3510C, 8270E		11 SU	100 uL	100 uL			
580-111087-B-1	ERH2672 (RHMW10)	3510C, 8270E	T	11 SU		100 uL			
580-111087-B-2	ERH2670 (RHMW19)	3510C, 8270E	T	11 SU		100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Batch Number: 383558 Batch Start Date: 03/11/22 09:25 Batch Analyst: Yu, Johnathon J

Batch Method: 3510C Batch End Date: 03/11/22 16:36

Batch Notes	
Method/Fraction	3510C / 625.1 / 8270E
Balance ID	SEA225
pH Indicator ID	6007005 / 6911002
Pipette/Syringe/Dispenser ID	MP5
Analyst ID - Extraction	JJY/AL
Reagent Water ID	DI
Analyst ID - Spike Analyst	JJY
Analyst ID - Spike Witness Analyst	DH
Sufficient Volume for Batch QC	no
Acid Used for pH Adjustment ID	3020736
Base Used to Adjust pH ID	3064763
Prep Solvent ID	3076033
Prep Solvent Volume Used	180 / 360 mL
Filter ID	3048946
Na2SO4 ID	3058747
Analyst ID - Concentration	AL
Equipment ID - Concentration 1	Steambath 1
Thermometer ID - Concentration 1	61013-040-1
Concentration 1 Uncorrected Temperature	70.0-75.0 Degrees C
Concentration 1 Corrected Temperature	69.4-74.4 Degrees C
Equipment ID - Concentration 2	Turbovap5
Thermometer ID - Concentration 2	DIGITALREADOUT
Concentration 2 Uncorrected Temperature	20.0 Degrees C
Concentration 2 Corrected Temperature	18.0 Degrees C
Vial Lot Number	24165097
Batch Comment	Vialed by: JHR/AL

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E_SIM_DOD5

Semivolatile Organic Compounds (GC/MS SIM)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ZB-SV ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2MN #	FLN10 #	TPHL #
ERH2672 (RHMW10)	580-111087-1	65	76	84
ERH2670 (RHMW19)	580-111087-2	59	78	87
	MB 580-383558/1-A	59	74	82
	LCS 580-383558/2-A	57	69	78
	LCSD 580-383558/3-A	59	74	82

	QC LIMITS
2MN = 2-methylnaphthalene-d10	40-140
FLN10 = Fluoranthene-d10 (Surr)	40-140
TPHL = Terphenyl-d14	58-132

Column to be used to flag recovery values

FORM II 8270E SIM

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 031422a014.D

Lab ID: LCS 580-383558/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1-Methylnaphthalene	2.00	1.20	60	41-115	
2-Methylnaphthalene	2.00	1.31	66	39-114	
Acenaphthene	2.00	1.23	61	48-114	
Acenaphthylene	2.00	1.34	67	35-121	
Anthracene	2.00	1.35	68	53-119	
Benzo[a]anthracene	2.00	1.69	85	59-120	
Benzo[a]pyrene	2.00	1.33	66	53-120	
Benzo[b]fluoranthene	2.00	1.56	78	53-126	
Benzo[g,h,i]perylene	2.00	1.46	73	44-128	
Benzo[k]fluoranthene	2.00	1.38	69	54-125	
Chrysene	2.00	1.36	68	57-120	
Dibenz(a,h)anthracene	2.00	1.51	76	44-131	M
Fluoranthene	2.00	1.49	75	58-120	
Fluorene	2.00	1.32	66	50-118	
Indeno[1,2,3-cd]pyrene	2.00	2.23	112	48-130	
Naphthalene	2.00	1.30	65	43-114	
Phenanthrene	2.00	1.52	76	53-115	
Pyrene	2.00	1.46	73	53-121	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 031422a015.D

Lab ID: LCSD 580-383558/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1-Methylnaphthalene	2.00	1.24	62	4	20	41-115	
2-Methylnaphthalene	2.00	1.36	68	4	20	39-114	
Acenaphthene	2.00	1.37	68	11	20	48-114	
Acenaphthylene	2.00	1.47	74	10	20	35-121	
Anthracene	2.00	1.49	74	10	20	53-119	
Benzo[a]anthracene	2.00	1.77	89	5	20	59-120	
Benzo[a]pyrene	2.00	1.38	69	4	20	53-120	
Benzo[b]fluoranthene	2.00	1.65	82	5	20	53-126	
Benzo[g,h,i]perylene	2.00	1.47	73	0	20	44-128	
Benzo[k]fluoranthene	2.00	1.43	71	3	20	54-125	
Chrysene	2.00	1.41	71	4	20	57-120	
Dibenz(a,h)anthracene	2.00	1.55	78	3	20	44-131	M
Fluoranthene	2.00	1.69	84	12	20	58-120	
Fluorene	2.00	1.47	73	10	20	50-118	
Indeno[1,2,3-cd]pyrene	2.00	2.31	116	4	20	48-130	
Naphthalene	2.00	1.36	68	5	20	43-114	
Phenanthrene	2.00	1.70	85	11	20	53-115	
Pyrene	2.00	1.67	84	13	20	53-121	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Lab File ID: 031422a013.D Lab Sample ID: MB 580-383558/1-A

Matrix: Water Date Extracted: 03/11/2022 09:25

Instrument ID: SEA101 Date Analyzed: 03/14/2022 15:17

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 580-383558/2-A	031422a014.D	03/14/2022 15:41
	LCSD 580-383558/3-A	031422a015.D	03/14/2022 16:06
ERH2672 (RHMW10)	580-111087-1	031422a029.D	03/14/2022 21:46
ERH2670 (RHMW19)	580-111087-2	031422a030.D	03/14/2022 22:11

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Lab File ID: 100521a017.D DFTPP Injection Date: 10/05/2021

Instrument ID: SEA101 DFTPP Injection Time: 17:30

Analysis Batch No.: 369708

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0 % of mass 198	25.2
68	Less than 2.0 % of mass 69	0.3 (1.1) 1
69	Mass 69 relative abundance	24.5
70	Less than 2.0 % of mass 69	0.1 (0.4) 1
127	10.0 - 80.0 % of mass 198	52.5
197	Less than 2.0 % of mass 198	0.8
198	Base Peak, 100% relative abundance	100.0
199	5.0 - 9.0 % of mass 198	6.6
275	10.0 - 60.0 % of mass 198	27.1
365	Greater than 1.0 % of mass 198	5.0
441	Present but less than mass 443	23.5
442	Greater than 50.0 % of mass 198	155.0
443	15.0 - 24.0 % of mass 442	29.6 (19.1) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD13 580-369708/4	100521a019.D	10/05/2021	18:11
	STD12 580-369708/5	100521a020.D	10/05/2021	18:36
	STD11 580-369708/6	100521a021.D	10/05/2021	19:00
	STD10 580-369708/7	100521a022.D	10/05/2021	19:25
	STD9IS 580-369708/8	100521a023.D	10/05/2021	19:49
	STD8 580-369708/9	100521a024.D	10/05/2021	20:14
	STD7 580-369708/10	100521a025.D	10/05/2021	20:38
	STD6 580-369708/11	100521a026.D	10/05/2021	21:03
	STD5 580-369708/12	100521a027.D	10/05/2021	21:27
	STD4 580-369708/13	100521a028.D	10/05/2021	21:51
	STD3 580-369708/14	100521a029.D	10/05/2021	22:15
	STD2 580-369708/15	100521a030.D	10/05/2021	22:40
	STD1 580-369708/16	100521a031.D	10/05/2021	23:04
	ICV 580-369708/18	100521a033.D	10/05/2021	23:52

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Lab File ID: 031422a009.D DFTPP Injection Date: 03/14/2022

Instrument ID: SEA101 DFTPP Injection Time: 13:43

Analysis Batch No.: 383722

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0 % of mass 198	23.8
68	Less than 2.0 % of mass 69	0.3 (1.2) 1
69	Mass 69 relative abundance	24.4
70	Less than 2.0 % of mass 69	0.1 (0.3) 1
127	10.0 - 80.0 % of mass 198	55.2
197	Less than 2.0 % of mass 198	0.4
198	Base Peak, 100% relative abundance	100.0
199	5.0 - 9.0 % of mass 198	6.9
275	10.0 - 60.0 % of mass 198	27.4
365	Greater than 1.0 % of mass 198	4.6
441	Present but less than mass 443	28.4
442	Greater than 50.0 % of mass 198	158.1
443	15.0 - 24.0 % of mass 442	29.7 (18.8) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-383722/3	031422a010.D	03/14/2022	13:59
	MB 580-383558/1-A	031422a013.D	03/14/2022	15:17
	LCS 580-383558/2-A	031422a014.D	03/14/2022	15:41
	LCSD 580-383558/3-A	031422a015.D	03/14/2022	16:06
ERH2672 (RHMW10)	580-111087-1	031422a029.D	03/14/2022	21:46
ERH2670 (RHMW19)	580-111087-2	031422a030.D	03/14/2022	22:11
	CCVC 580-383722/28	031422a035.D	03/15/2022	0:11

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Sample No.: STD9IS 580-369708/8 Date Analyzed: 10/05/2021 19:49

Instrument ID: SEA101 GC Column: ZB-SV ID: 0.25(mm)

Lab File ID (Standard): 100521a023.D Heated Purge: (Y/N) N

Calibration ID: 31306

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		56558	5.51	73042	6.64	36110	8.10
UPPER LIMIT		113116	6.01	146084	7.14	72220	8.60
LOWER LIMIT		28279	5.01	36521	6.14	18055	7.60
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-369708/18		48273	5.51	64302	6.64	31342	8.09

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E SIM

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Sample No.: STD9IS 580-369708/8 Date Analyzed: 10/05/2021 19:49

Instrument ID: SEA101 GC Column: ZB-SV ID: 0.25(mm)

Lab File ID (Standard): 100521a023.D Heated Purge: (Y/N) N

Calibration ID: 31306

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		58783	9.31	47308	11.50	48657	13.02
UPPER LIMIT		117566	9.81	94616	12.00	97314	13.52
LOWER LIMIT		29392	8.81	23654	11.00	24329	12.52
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-369708/18		49392	9.31	41599	11.50	39948	13.02

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E SIM

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Sample No.: CCVIS 580-383722/3 Date Analyzed: 03/14/2022 13:59

Instrument ID: SEA101 GC Column: ZB-SV ID: 0.25(mm)

Lab File ID (Standard): 031422a010.D Heated Purge: (Y/N) N

Calibration ID: 31306

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		84675	5.43	107333	6.57	50432	8.03
UPPER LIMIT		169350	5.93	214666	7.07	100864	8.53
LOWER LIMIT		42338	4.93	53667	6.07	25216	7.53
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-383558/1-A		81508	5.44	112045	6.59	61910	8.05
LCS 580-383558/2-A		97485	5.43	121859	6.57	61760	8.03
LCSD 580-383558/3-A		104595	5.43	130077	6.57	63324	8.03
580-111087-1	ERH2672 (RHMW10)	95877	5.44	120938	6.58	65139	8.03
580-111087-2	ERH2670 (RHMW19)	84552	5.44	116042	6.58	60017	8.04
CCVC 580-383722/28		83838	5.43	105339	6.57	53286	8.03

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E SIM

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Sample No.: CCVIS 580-383722/3 Date Analyzed: 03/14/2022 13:59

Instrument ID: SEA101 GC Column: ZB-SV ID: 0.25(mm)

Lab File ID (Standard): 031422a010.D Heated Purge: (Y/N) N

Calibration ID: 31306

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		80982	9.25	61108	11.43	68080	12.92
UPPER LIMIT		161964	9.75	122216	11.93	136160	13.42
LOWER LIMIT		40491	8.75	30554	10.93	34040	12.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-383558/1-A		94049	9.26	72258	11.44	83145	12.93
LCS 580-383558/2-A		95654	9.24	74559	11.42	81759	12.92
LCSD 580-383558/3-A		96304	9.24	78118	11.42	87034	12.92
580-111087-1	ERH2672 (RHMW10)	102283	9.25	83146	11.43	86277	12.92
580-111087-2	ERH2670 (RHMW19)	94647	9.25	77407	11.44	102088	12.92
CCVC 580-383722/28		81290	9.25	63046	11.43	73947	12.92

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E SIM

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: ERH2672 (RHMW10) | Lab Sample ID: 580-111087-1

Matrix: Water | Lab File ID: 031422a029.D

Analysis Method: 8270E SIM | Date Collected: 03/04/2022 11:30

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 986.1(mL) | Date Analyzed: 03/14/2022 21:46

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383722 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
90-12-0	1-Methylnaphthalene	0.032	U M	0.10	0.032	0.019
91-57-6	2-Methylnaphthalene	0.081	U	0.20	0.081	0.040
83-32-9	Acenaphthene	0.032	U	0.10	0.032	0.014
208-96-8	Acenaphthylene	0.032	U M	0.051	0.032	0.0091
120-12-7	Anthracene	0.081	U	0.10	0.081	0.022
56-55-3	Benzo[a]anthracene	0.032	U M	0.051	0.032	0.014
50-32-8	Benzo[a]pyrene	0.032	U	0.10	0.032	0.011
205-99-2	Benzo[b]fluoranthene	0.032	U	0.051	0.032	0.011
191-24-2	Benzo[g,h,i]perylene	0.032	U	0.051	0.032	0.012
207-08-9	Benzo[k]fluoranthene	0.032	U M	0.051	0.032	0.012
218-01-9	Chrysene	0.032	U M	0.10	0.032	0.016
53-70-3	Dibenz(a,h)anthracene	0.032	U	0.10	0.032	0.026
206-44-0	Fluoranthene	0.032	U	0.20	0.032	0.018
86-73-7	Fluorene	0.032	U M	0.10	0.032	0.017
193-39-5	Indeno[1,2,3-cd]pyrene	0.032	U	0.051	0.032	0.014
91-20-3	Naphthalene	0.081	U M	0.10	0.081	0.031
85-01-8	Phenanthrene	0.081	U M	0.10	0.081	0.031
129-00-0	Pyrene	0.081	U	0.10	0.081	0.033

CAS NO.	SURROGATE	%REC	Q	LIMITS
7297-45-2	2-methylnaphthalene-d10	65		40-140
93951-69-0	Fluoranthene-d10 (Surr)	76		40-140
1718-51-0	Terphenyl-d14	84		58-132

Eurofins Seattle
Target Compound Quantitation Report

Data File:	\\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a029.D				
Lims ID:	580-111087-B-1-A				
Client ID:	ERH2672 (RHMW10)				
Sample Type:	Client				
Inject. Date:	14-Mar-2022 21:46:30	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	580-111087-B-1-A				
Operator ID:	tl	Instrument ID:	SEA101		
Method:	\\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\8270_SIM_SEA101.m				
Limit Group:	8270D_SIM QSM 5.0				
Last Update:	15-Mar-2022 13:12:16	Calib Date:	05-Oct-2021 23:04:30		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D				
Column 1 :			Det: MS SCAN		
Process Host:	CTX1682				
First Level Reviewer: jantanuc		Date:	15-Mar-2022 13:12:16		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.435	5.430	0.005	1	95877	100.0	
* 2 Naphthalene-d8	136	6.576	6.571	0.005	1	120938	100.0	
* 3 Acenaphthene-d10	164	8.030	8.030	0.000	1	65139	100.0	
* 4 Phenanthrene-d10	188	9.248	9.248	0.000	1	102283	100.0	
* 5 Chrysene-d12	240	11.432	11.426	0.006	1	83146	100.0	
* 6 Perylene-d12	264	12.916	12.921	-0.005	1	86277	100.0	M
$ 7 2-methylnaphthalene-d10	152	7.147	7.152	-0.005	100	460795	646.9	
$ 8 2-Fluorobiphenyl	172	7.489	7.489	0.000	1	633544	701.5	M
$ 9 2,4,6-Tribromophenol	330	8.686	8.691	-0.005	1	146297	994.0	
$ 10 Fluoranthene-d10 (Surr)	212	10.219	10.223	-0.004	100	856522	757.5	
$ 11 Terphenyl-d14	244	10.554	10.558	-0.004	1	645775	836.3	
14 1-Methylnaphthalene	142	7.260	7.254	0.006	1	634	0.7410	M
15 Acenaphthylene	152	7.921	7.916	0.005	1	1470	1.18	M
23 Benzo[a]anthracene	228	11.421	11.416	0.005	1	2181	3.69	M
24 Chrysene	228	11.448	11.448	0.000	1	3453	0.0722	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MeCl2_CT_00217	Amount Added: 1.00	Units: uL	Run Reagent
8270SIM_IS_00069	Amount Added: 10.00	Units: uL	Run Reagent

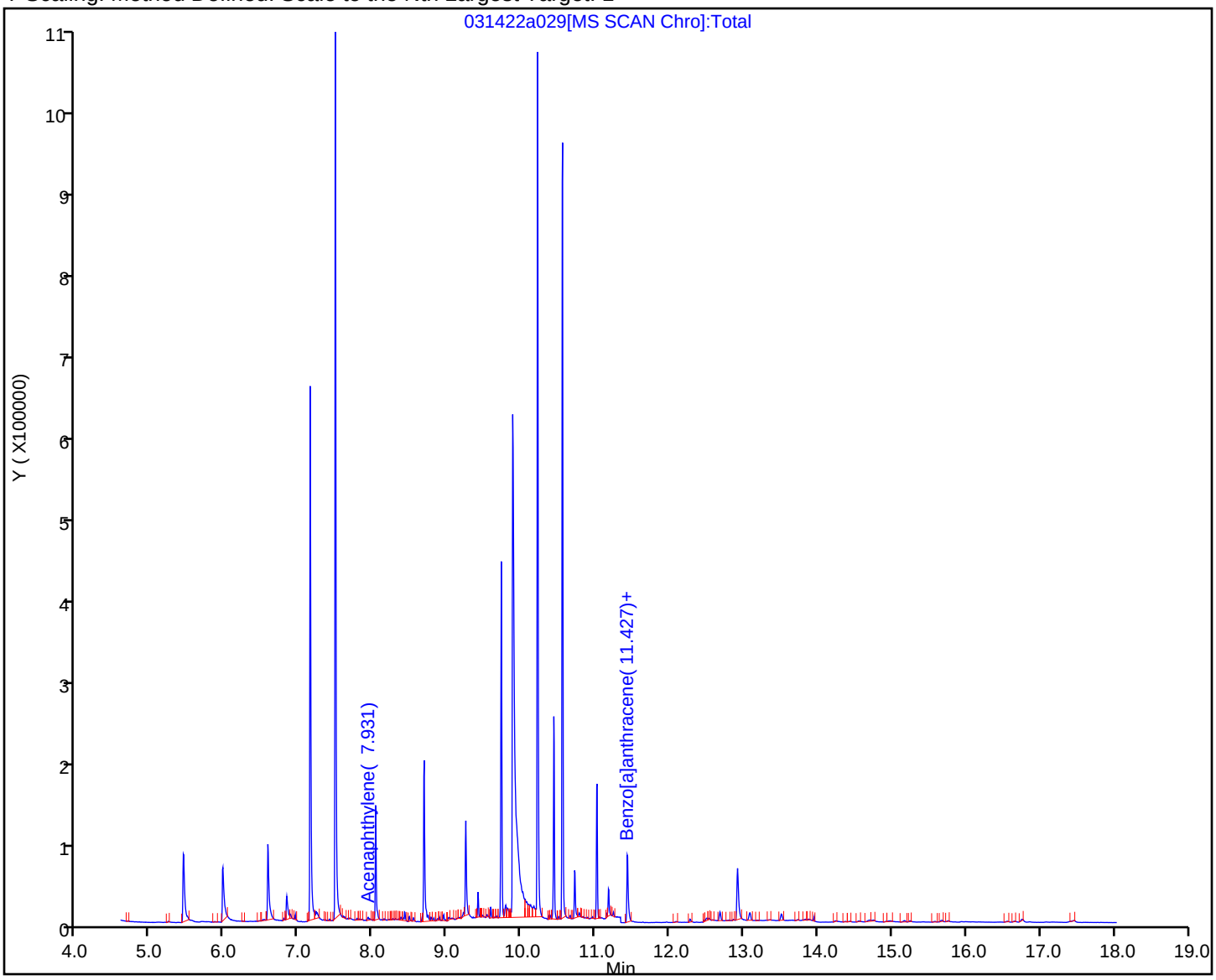
Report Date: 15-Mar-2022 13:12:17 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a029.D

Injection Date:	14-Mar-2022 21:46:30	Instrument ID:	SEA101		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Seattle
Recovery Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a029.D
Lims ID: 580-111087-B-1-A
Client ID: ERH2672 (RHMW10)
Sample Type: Client
Inject. Date: 14-Mar-2022 21:46:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 580-111087-B-1-A
Operator ID: tl Instrument ID: SEA101

Method: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 15-Mar-2022 13:12:16 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: jantanuc Date: 15-Mar-2022 13:12:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 7 2-methylnaphthalene-d10	1000.0	646.9	64.69
$ 8 2-Fluorobiphenyl	1000.0	701.5	70.15
$ 9 2,4,6-Tribromophenol	1000.0	994.0	99.40
$ 10 Fluoranthene-d10 (Surr)	1000.0	757.5	75.75
$ 11 Terphenyl-d14	1000.0	836.3	83.63

Manual Integration/User Assign Peak Report

Eurofins Seattle

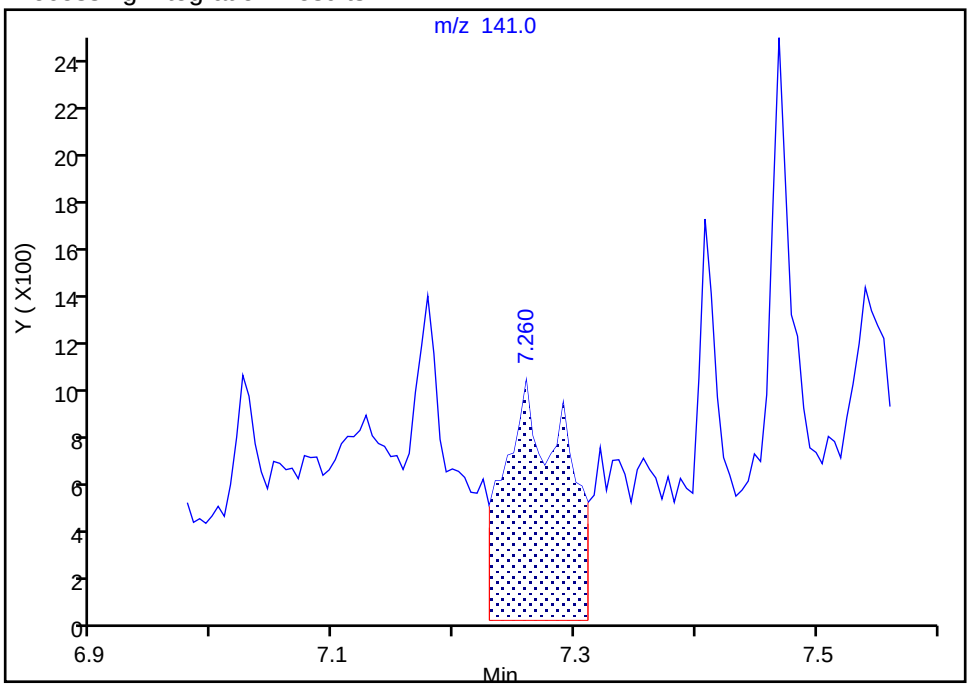
Data File:	\\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a029.D				
Injection Date:	14-Mar-2022 21:46:30	Instrument ID:	SEA101		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

14 1-Methylnaphthalene, CAS: 90-12-0

Signal: 2

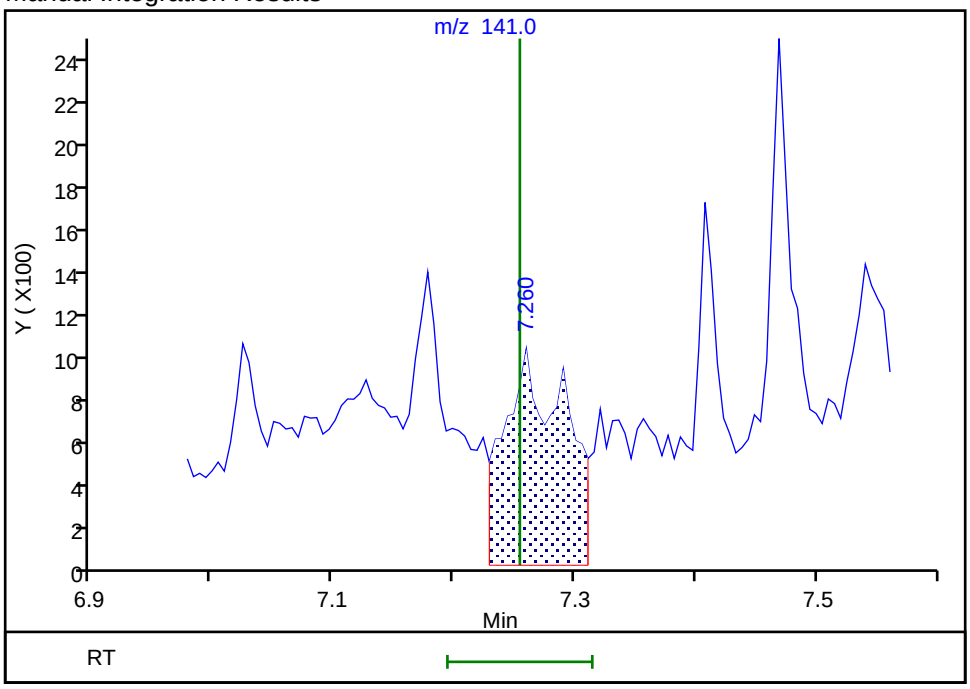
Processing Integration Results

RT: 7.26
Area: 3368
Amount: 1.790490
Amount Units: ug/L



Manual Integration Results

RT: 7.26
Area: 3368
Amount: 0.740973
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 13:11:21
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a029.D

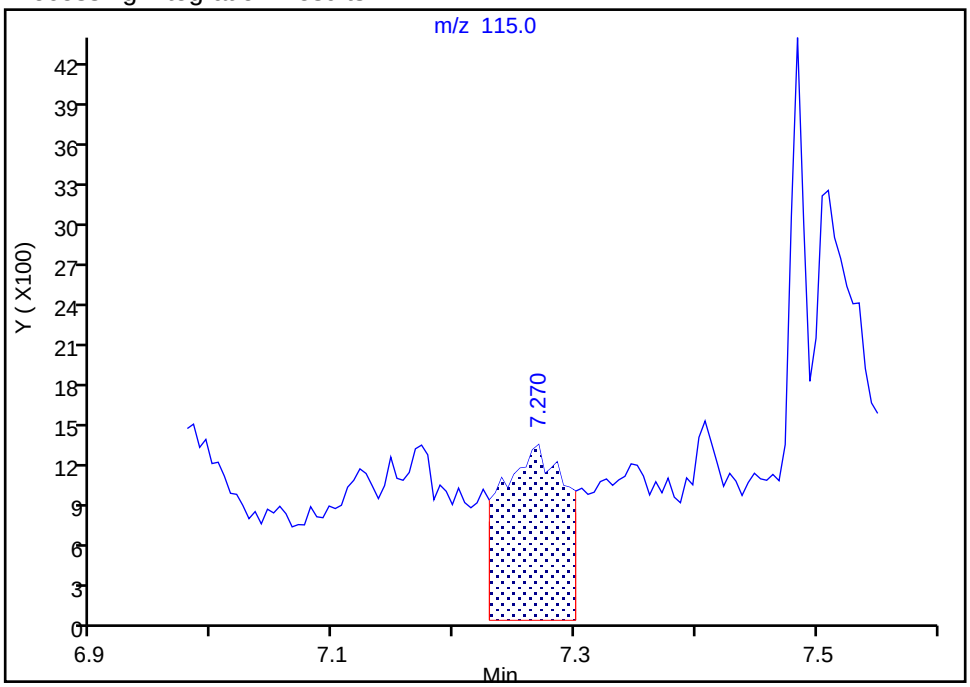
Injection Date:	14-Mar-2022 21:46:30	Instrument ID:	SEA101		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

14 1-Methylnaphthalene, CAS: 90-12-0

Signal: 3

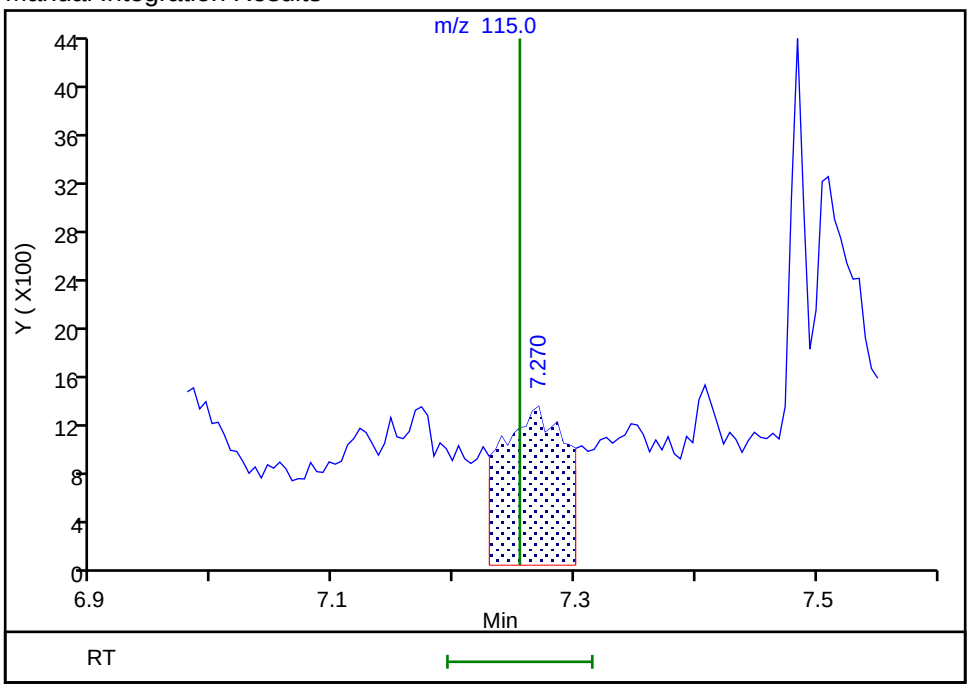
Processing Integration Results

RT: 7.27
Area: 4724
Amount: 1.790490
Amount Units: ug/L



Manual Integration Results

RT: 7.27
Area: 4724
Amount: 0.740973
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 13:11:21

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a029.D

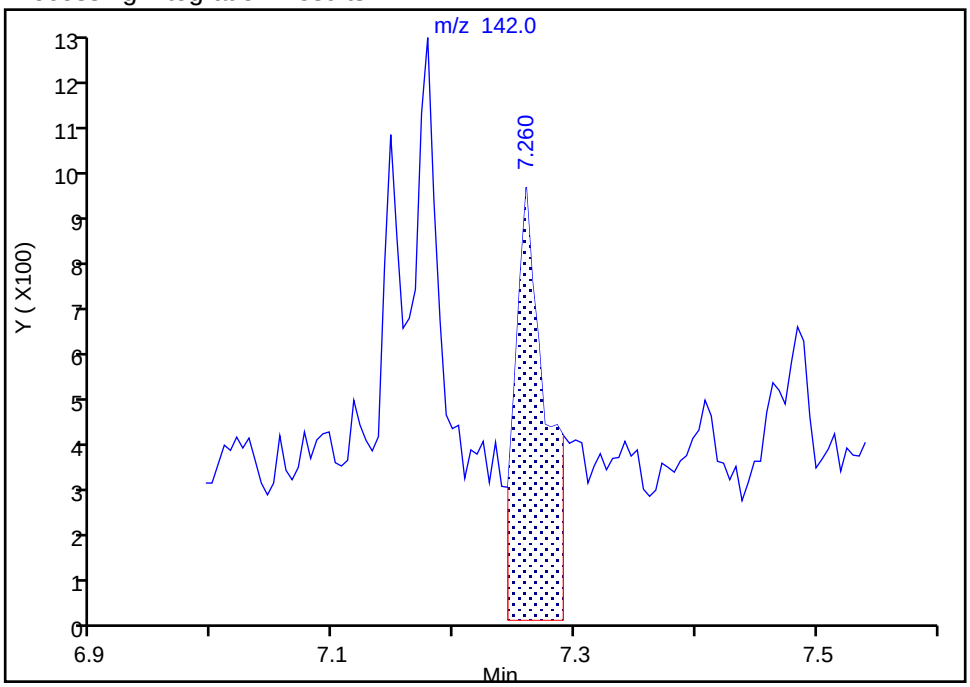
Injection Date:	14-Mar-2022 21:46:30	Instrument ID:	SEA101		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

14 1-Methylnaphthalene, CAS: 90-12-0

Signal: 1

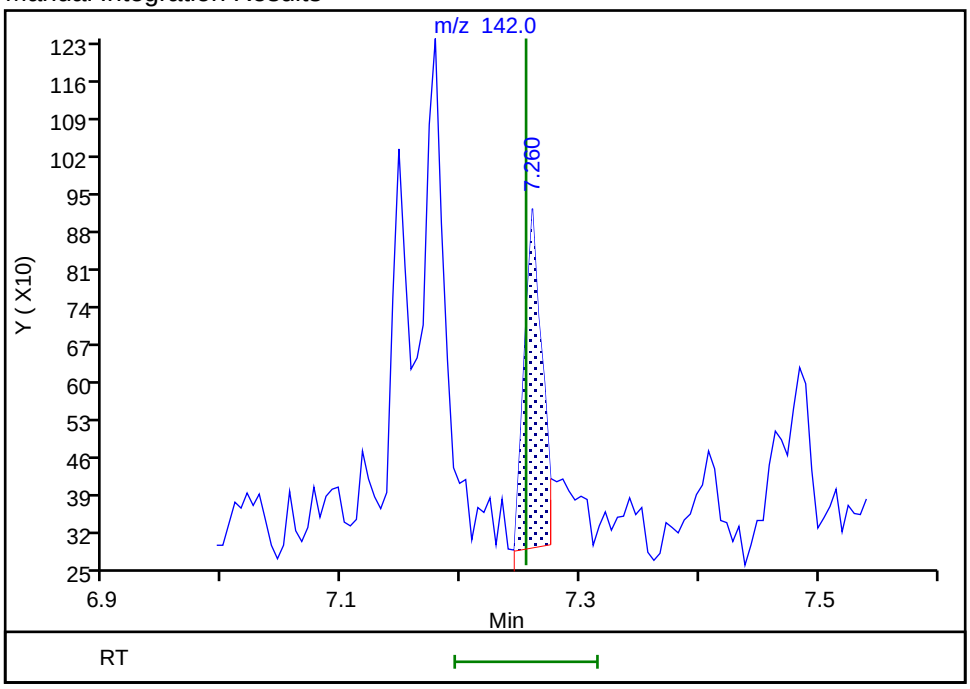
Processing Integration Results

RT: 7.26
Area: 1532
Amount: 1.790490
Amount Units: ug/L



Manual Integration Results

RT: 7.26
Area: 634
Amount: 0.740973
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 13:11:25

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Seattle

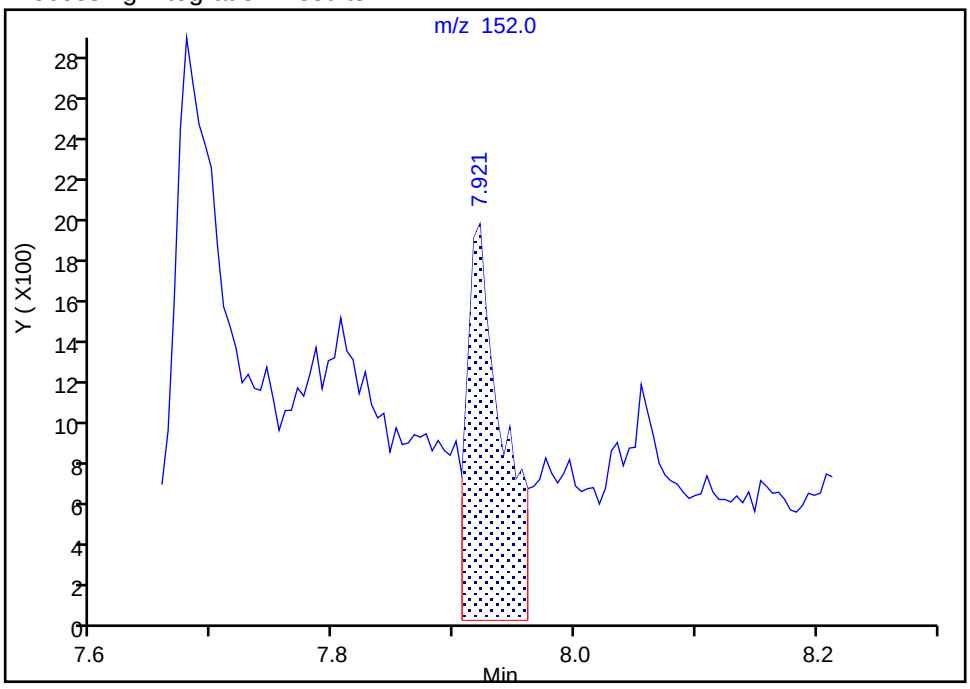
Data File:	\\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a029.D				
Injection Date:	14-Mar-2022 21:46:30	Instrument ID:	SEA101		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

15 Acenaphthylene, CAS: 208-96-8

Signal: 1

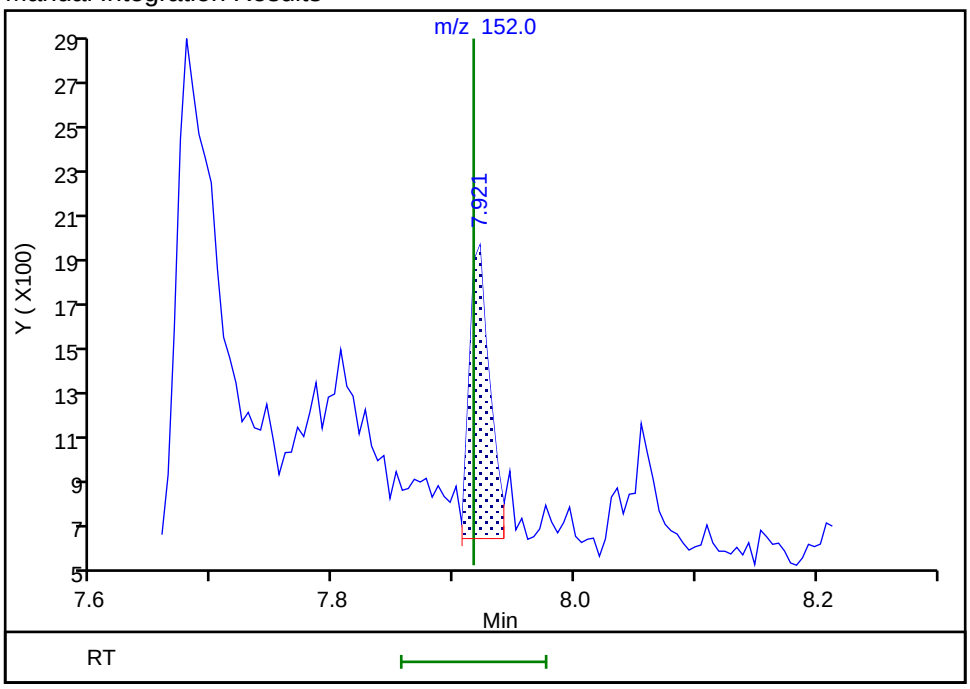
Processing Integration Results

RT: 7.92
Area: 3702
Amount: 2.977316
Amount Units: ug/L



Manual Integration Results

RT: 7.92
Area: 1470
Amount: 1.182241
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 13:11:33

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Seattle

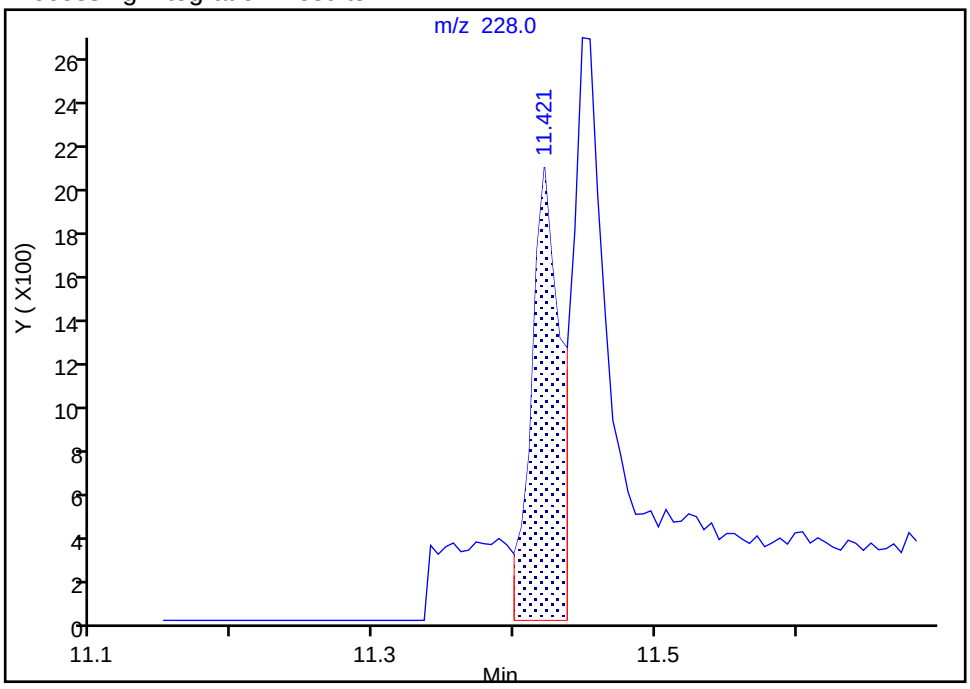
Data File:	\\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a029.D				
Injection Date:	14-Mar-2022 21:46:30	Instrument ID:	SEA101		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

23 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

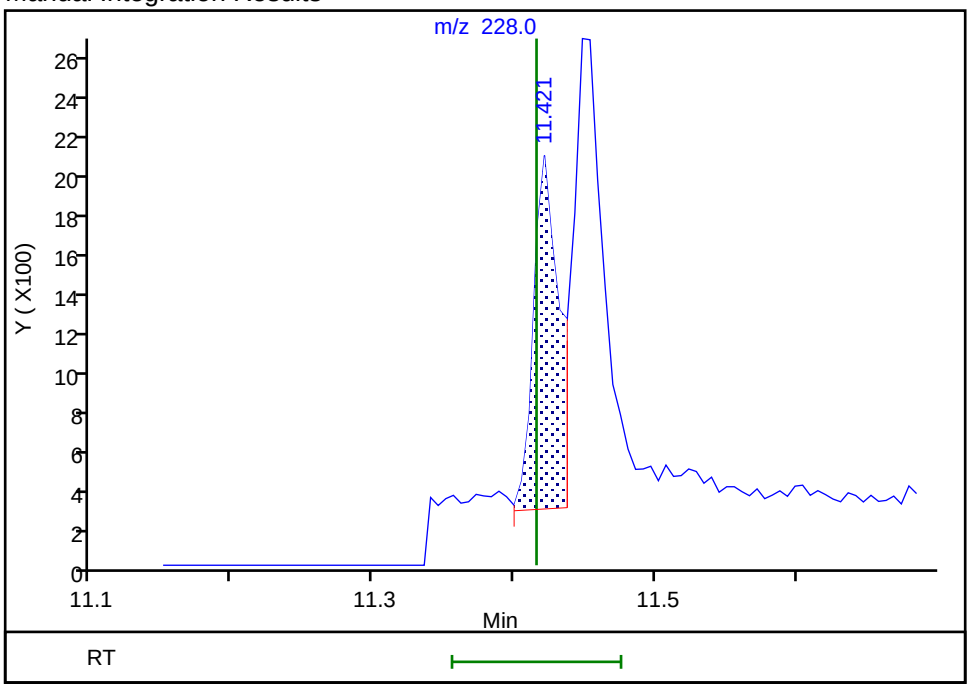
Processing Integration Results

RT: 11.42
Area: 2831
Amount: 4.446482
Amount Units: ug/L



Manual Integration Results

RT: 11.42
Area: 2181
Amount: 3.693120
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 13:12:00
Audit Action: Manually Integrated Audit Reason: Assign Peak

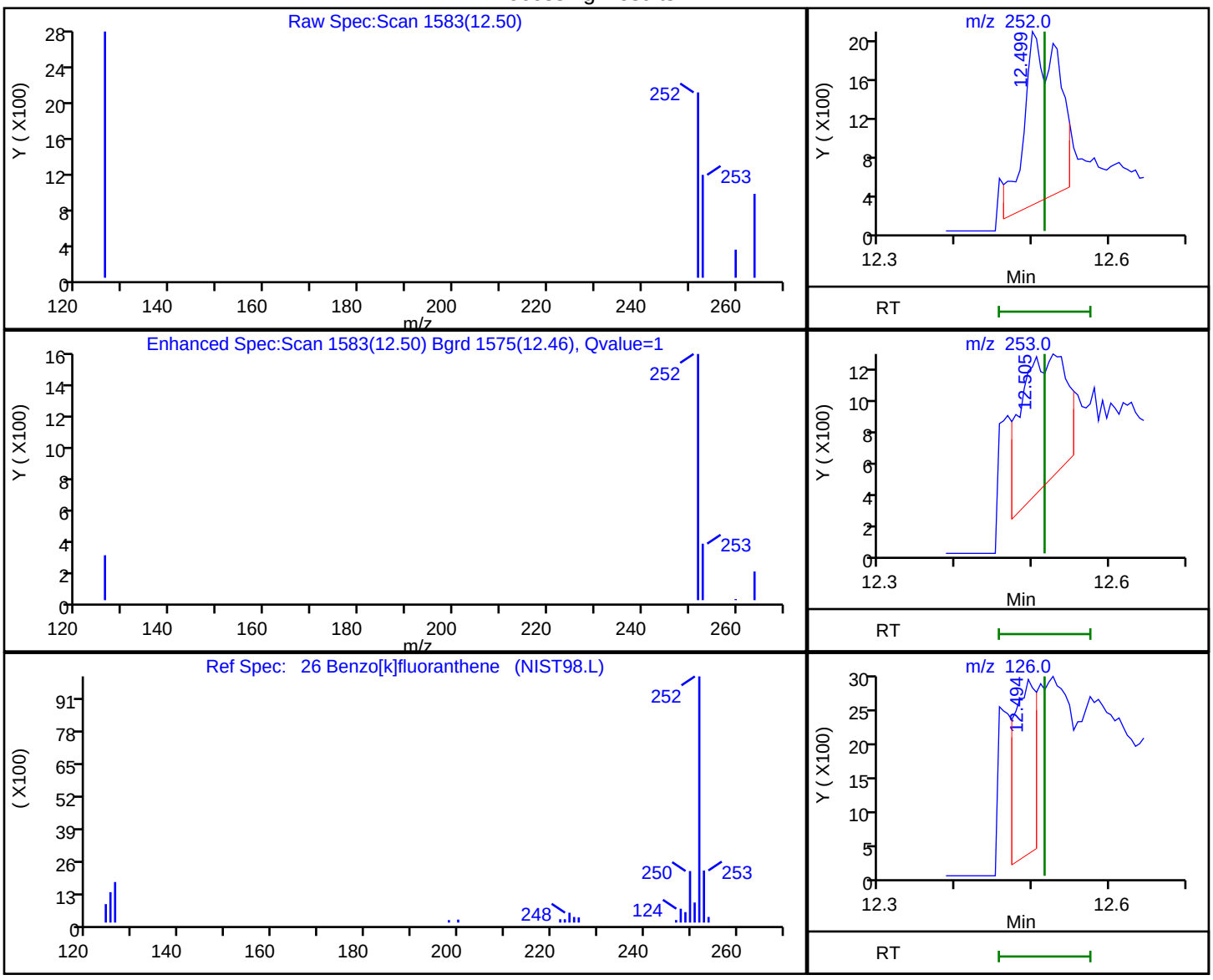
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a029.D				
Injection Date:	14-Mar-2022 21:46:30	Instrument ID:	SEA101		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

26 Benzo[k]fluoranthene, CAS: 207-08-9

Processing Results



RT	Mass	Response	Amount
12.50	252.00	5434	1.018469
12.50	253.00	3304	
12.49	126.00	4571	

Reviewer: jantanuc, 15-Mar-2022 13:12:09

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Seattle

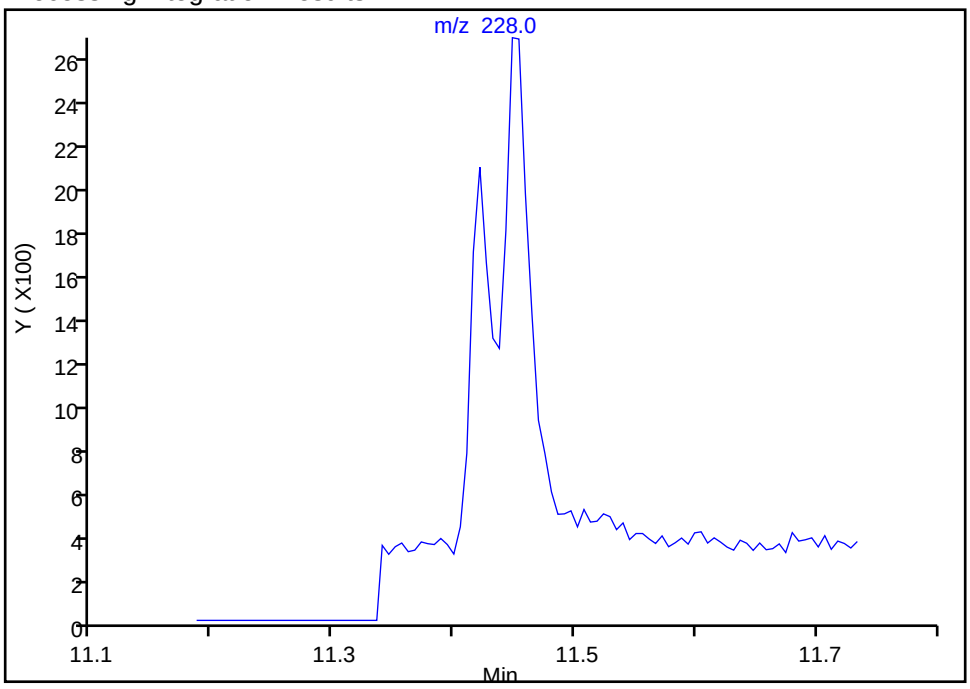
Data File:	\\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a029.D				
Injection Date:	14-Mar-2022 21:46:30	Instrument ID:	SEA101		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

24 Chrysene, CAS: 218-01-9

Signal: 1

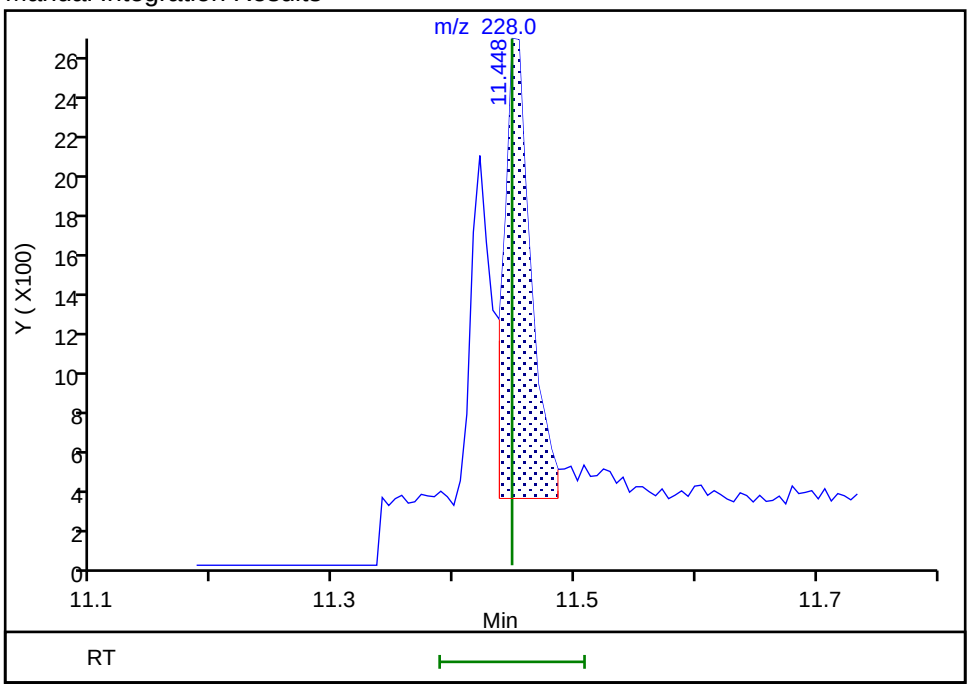
Not Detected
Expected RT: 11.45

Processing Integration Results



Manual Integration Results

RT: 11.45
Area: 3453
Amount: 0.072228
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 13:12:05
Audit Action: Manually Integrated Audit Reason: Assign Peak

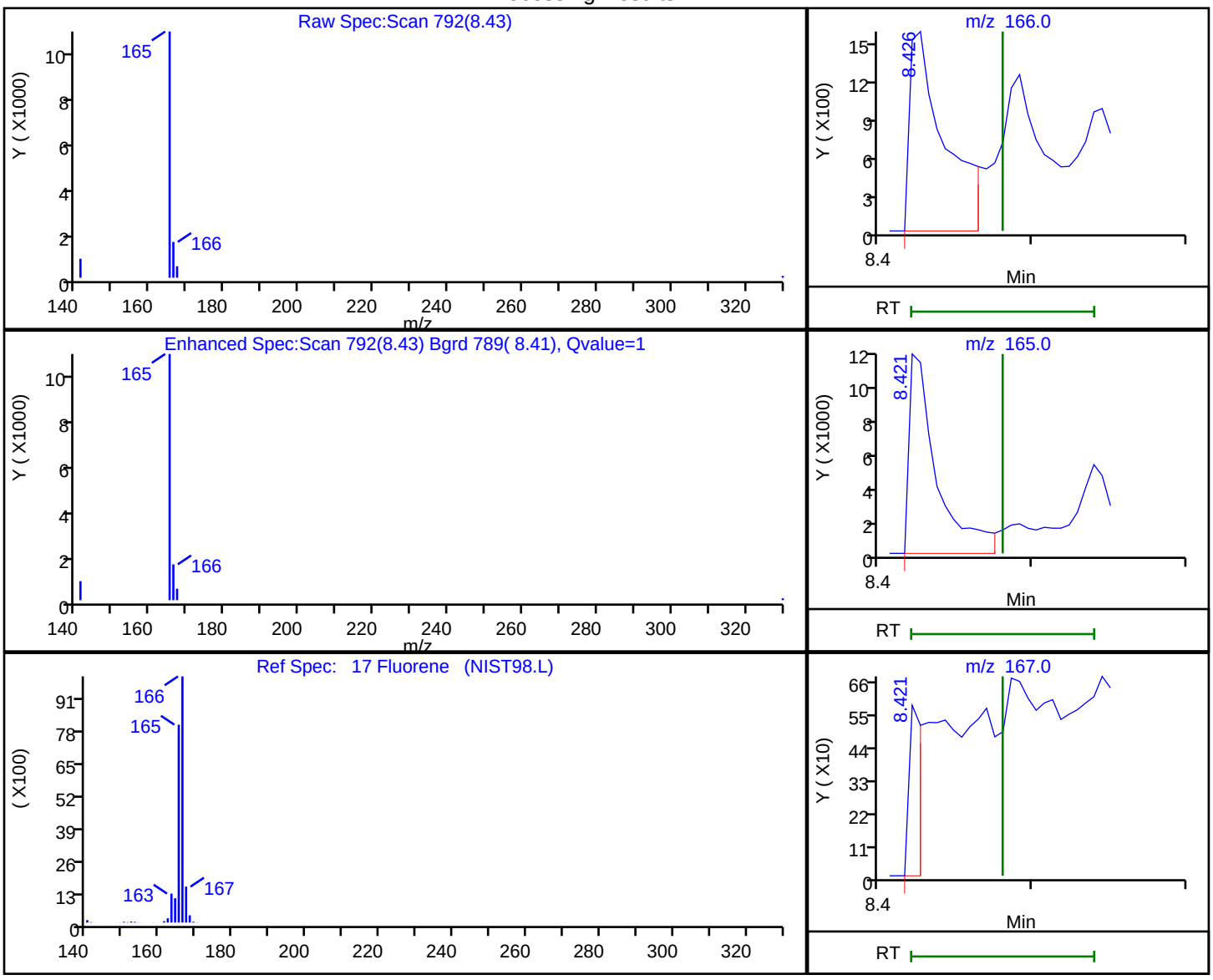
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a029.D				
Injection Date:	14-Mar-2022 21:46:30	Instrument ID:	SEA101		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

17 Fluorene, CAS: 86-73-7

Processing Results



RT	Mass	Response	Amount
8.43	166.00	2463	2.746202
8.42	165.00	14044	
8.42	167.00	262	

Reviewer: jantanuc, 15-Mar-2022 13:11:38

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

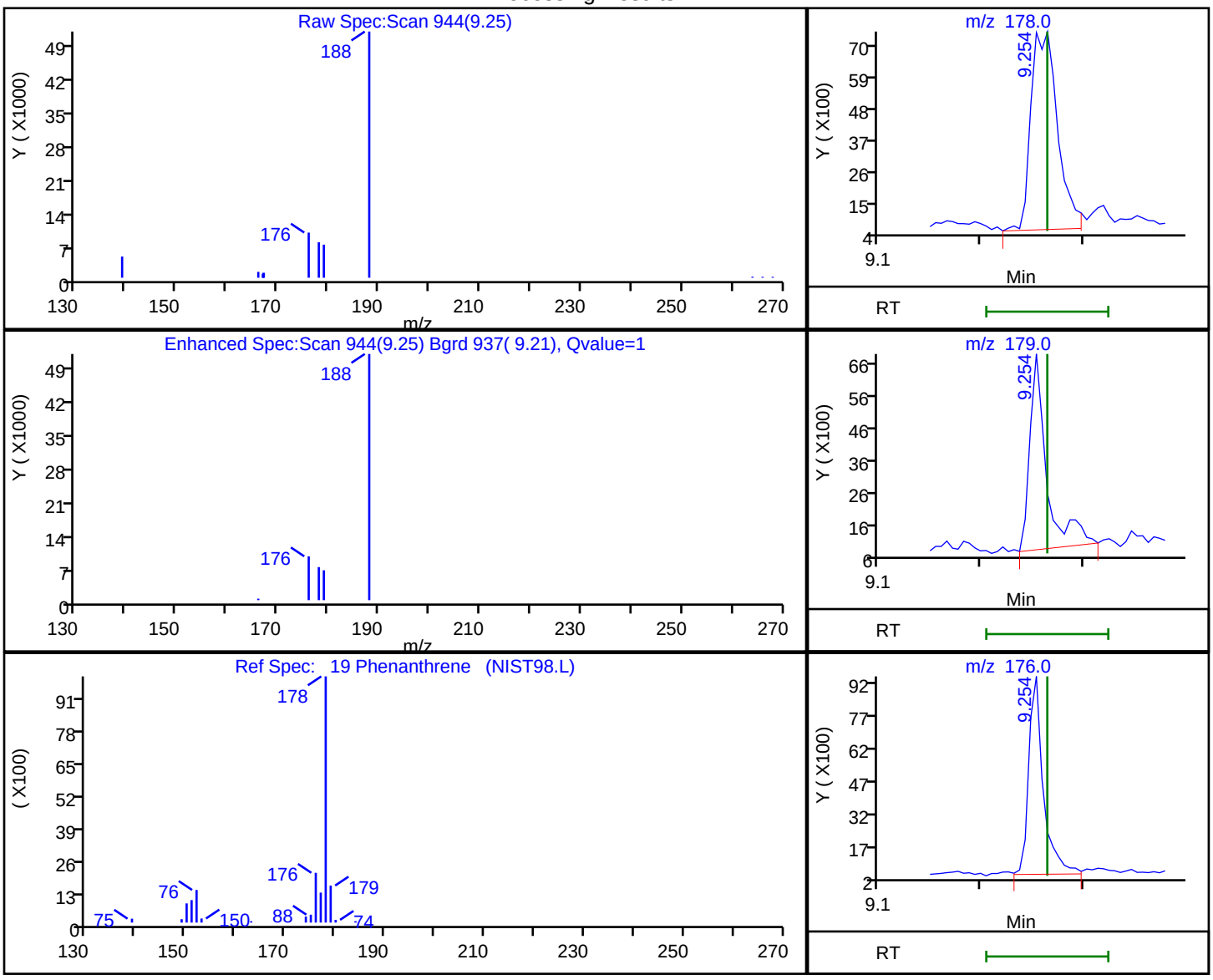
User Disabled Compound Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a029.D
Injection Date: 14-Mar-2022 21:46:30 Instrument ID: SEA101
Lims ID: 580-111087-B-1-A Lab Sample ID: 580-111087-1
Client ID: ERH2672 (RHMW10)
Operator ID: tl ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

19 Phenanthrene, CAS: 85-01-8

Processing Results



RT	Mass	Response	Amount
9.25	178.00	12641	10.942220
9.25	179.00	7044	
9.25	176.00	9086	

Reviewer: jantanuc, 15-Mar-2022 13:11:40
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Seattle

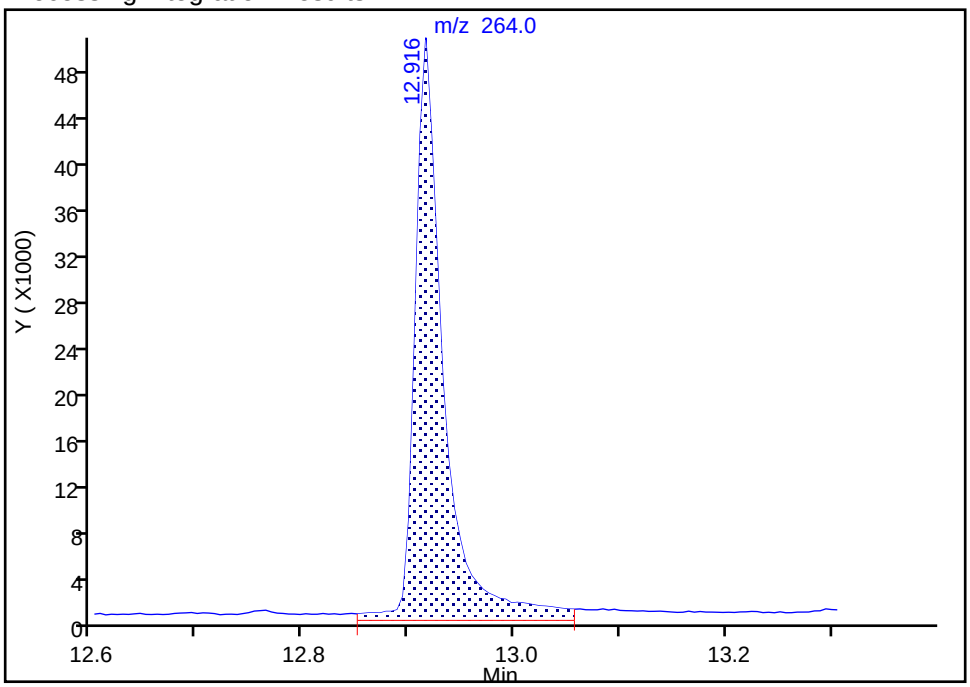
Data File:	\\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a029.D				
Injection Date:	14-Mar-2022 21:46:30	Instrument ID:	SEA101		
Lims ID:	580-111087-B-1-A	Lab Sample ID:	580-111087-1		
Client ID:	ERH2672 (RHMW10)				
Operator ID:	tl	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

* 6 Perylene-d12, CAS: 1520-96-3

Signal: 1

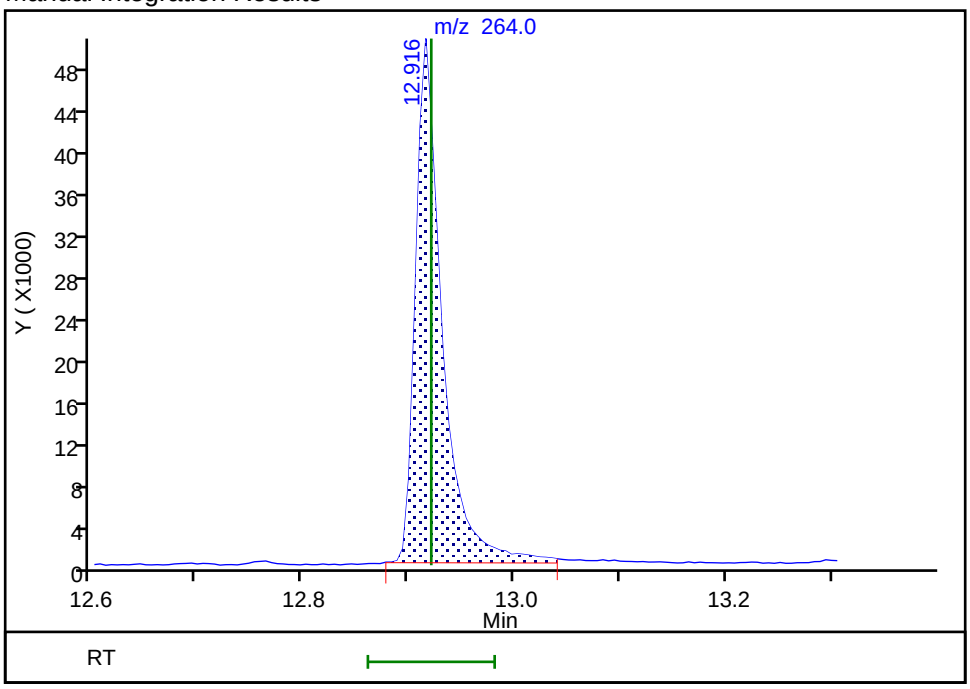
Processing Integration Results

RT: 12.92
Area: 95090
Amount: 100.0000
Amount Units: ug/L



Manual Integration Results

RT: 12.92
Area: 86277
Amount: 100.0000
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 13:10:59

Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: ERH2670 (RHMW19) | Lab Sample ID: 580-111087-2

Matrix: Water | Lab File ID: 031422a030.D

Analysis Method: 8270E SIM | Date Collected: 03/04/2022 14:35

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 994.1(mL) | Date Analyzed: 03/14/2022 22:11

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383722 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
90-12-0	1-Methylnaphthalene	0.032	U	0.10	0.032	0.019
91-57-6	2-Methylnaphthalene	0.080	U	0.20	0.080	0.039
83-32-9	Acenaphthene	0.032	U	0.10	0.032	0.014
208-96-8	Acenaphthylene	0.032	U	0.050	0.032	0.0091
120-12-7	Anthracene	0.080	U	0.10	0.080	0.022
56-55-3	Benzo[a]anthracene	0.032	U	0.050	0.032	0.014
50-32-8	Benzo[a]pyrene	0.032	U	0.10	0.032	0.011
205-99-2	Benzo[b]fluoranthene	0.032	U M	0.050	0.032	0.011
191-24-2	Benzo[g,h,i]perylene	0.032	U	0.050	0.032	0.012
207-08-9	Benzo[k]fluoranthene	0.032	U	0.050	0.032	0.012
218-01-9	Chrysene	0.032	U	0.10	0.032	0.016
53-70-3	Dibenz(a,h)anthracene	0.032	U	0.10	0.032	0.026
206-44-0	Fluoranthene	0.032	U	0.20	0.032	0.018
86-73-7	Fluorene	0.032	U	0.10	0.032	0.017
193-39-5	Indeno[1,2,3-cd]pyrene	0.032	U	0.050	0.032	0.014
91-20-3	Naphthalene	0.080	U	0.10	0.080	0.031
85-01-8	Phenanthrene	0.080	U M	0.10	0.080	0.031
129-00-0	Pyrene	0.080	U	0.10	0.080	0.033

CAS NO.	SURROGATE	%REC	Q	LIMITS
7297-45-2	2-methylnaphthalene-d10	59		40-140
93951-69-0	Fluoranthene-d10 (Surr)	78		40-140
1718-51-0	Terphenyl-d14	87		58-132

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a030.D
Lims ID: 580-111087-B-2-A
Client ID: ERH2670 (RHMW19)
Sample Type: Client
Inject. Date: 14-Mar-2022 22:11:30 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 580-111087-B-2-A
Operator ID: tl Instrument ID: SEA101

Method: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 15-Mar-2022 13:31:59 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: jantanuc Date: 15-Mar-2022 13:31:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.439	5.430	0.009	1	84552	100.0	
* 2 Naphthalene-d8	136	6.576	6.571	0.005	1	116042	100.0	
* 3 Acenaphthene-d10	164	8.035	8.030	0.005	1	60017	100.0	
* 4 Phenanthrene-d10	188	9.253	9.248	0.005	1	94647	100.0	
* 5 Chrysene-d12	240	11.437	11.426	0.011	1	77407	100.0	
* 6 Perylene-d12	264	12.921	12.921	0.000	1	102088	100.0	
$ 7 2-methylnaphthalene-d10	152	7.152	7.152	0.000	100	401571	587.6	
$ 8 2-Fluorobiphenyl	172	7.489	7.489	0.000	1	539102	647.8	M
$ 9 2,4,6-Tribromophenol	330	8.692	8.691	0.001	1	120363	893.3	
$ 10 Fluoranthene-d10 (Surr)	212	10.219	10.223	-0.004	99	814404	778.4	
$ 11 Terphenyl-d14	244	10.554	10.558	-0.004	1	618170	865.1	
19 Phenanthrene	178	9.275	9.264	0.011	1	3659	3.42	M

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

MeCl2_CT_00217	Amount Added: 1.00	Units: uL	Run Reagent
8270SIM_IS_00069	Amount Added: 10.00	Units: uL	Run Reagent

Report Date: 15-Mar-2022 13:31:59 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a030.D

Injection Date: 14-Mar-2022 22:11:30 Instrument ID: SEA101

Lims ID: 580-111087-B-2-A Lab Sample ID: 580-111087-2

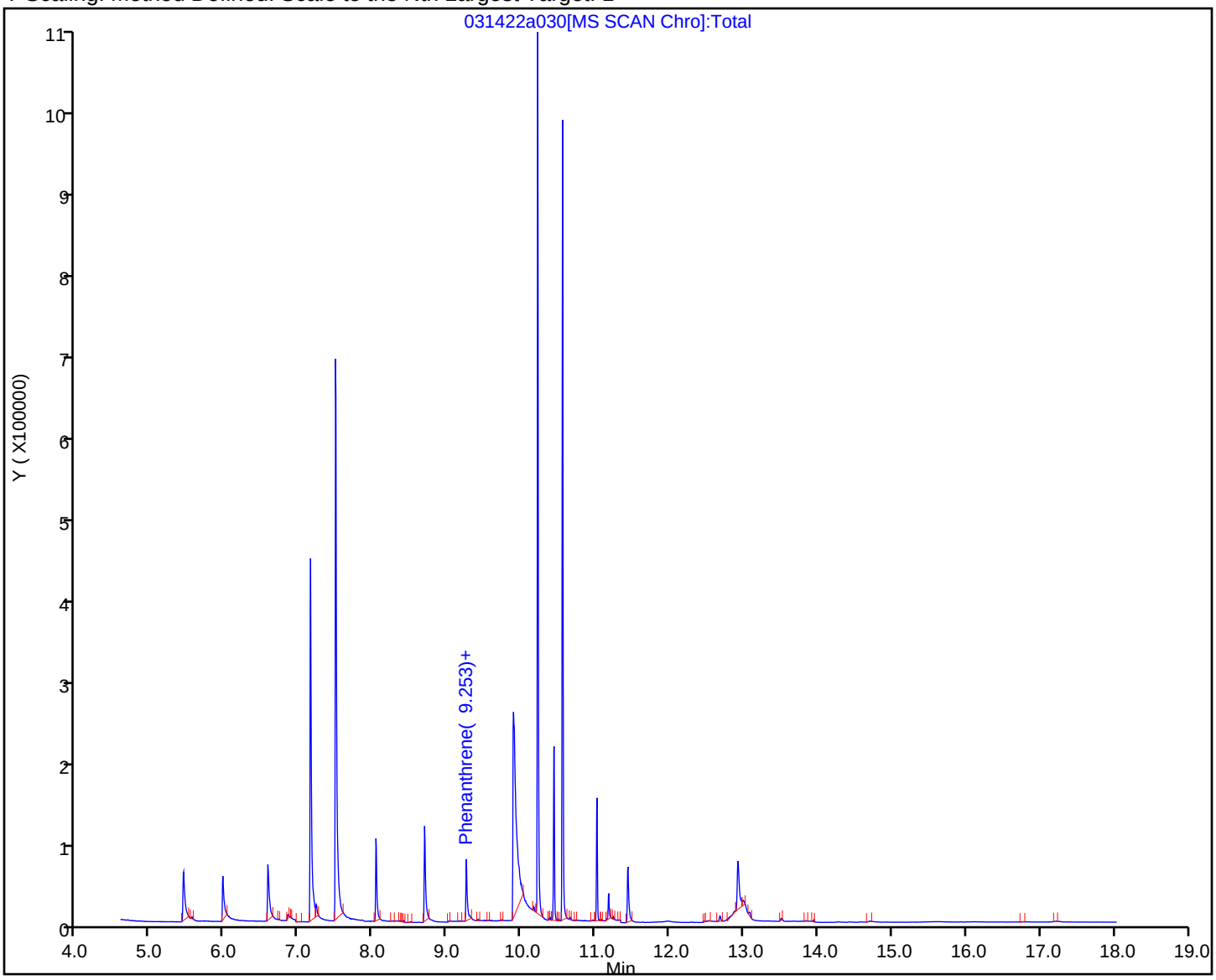
Client ID: ERH2670 (RHMW19)

Operator ID: tl ALS Bottle#: 23 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Seattle
Recovery Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a030.D
Lims ID: 580-111087-B-2-A
Client ID: ERH2670 (RHMW19)
Sample Type: Client
Inject. Date: 14-Mar-2022 22:11:30 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 580-111087-B-2-A
Operator ID: tl Instrument ID: SEA101

Method: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 15-Mar-2022 13:31:59 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: jantanuc Date: 15-Mar-2022 13:31:59

Compound	Amount Added	Amount Recovered	% Rec.
$ 7 2-methylnaphthalene-d10	1000.0	587.6	58.76
$ 8 2-Fluorobiphenyl	1000.0	647.8	64.78
$ 9 2,4,6-Tribromophenol	1000.0	893.3	89.33
$ 10 Fluoranthene-d10 (Surr)	1000.0	778.4	77.84
$ 11 Terphenyl-d14	1000.0	865.1	86.51

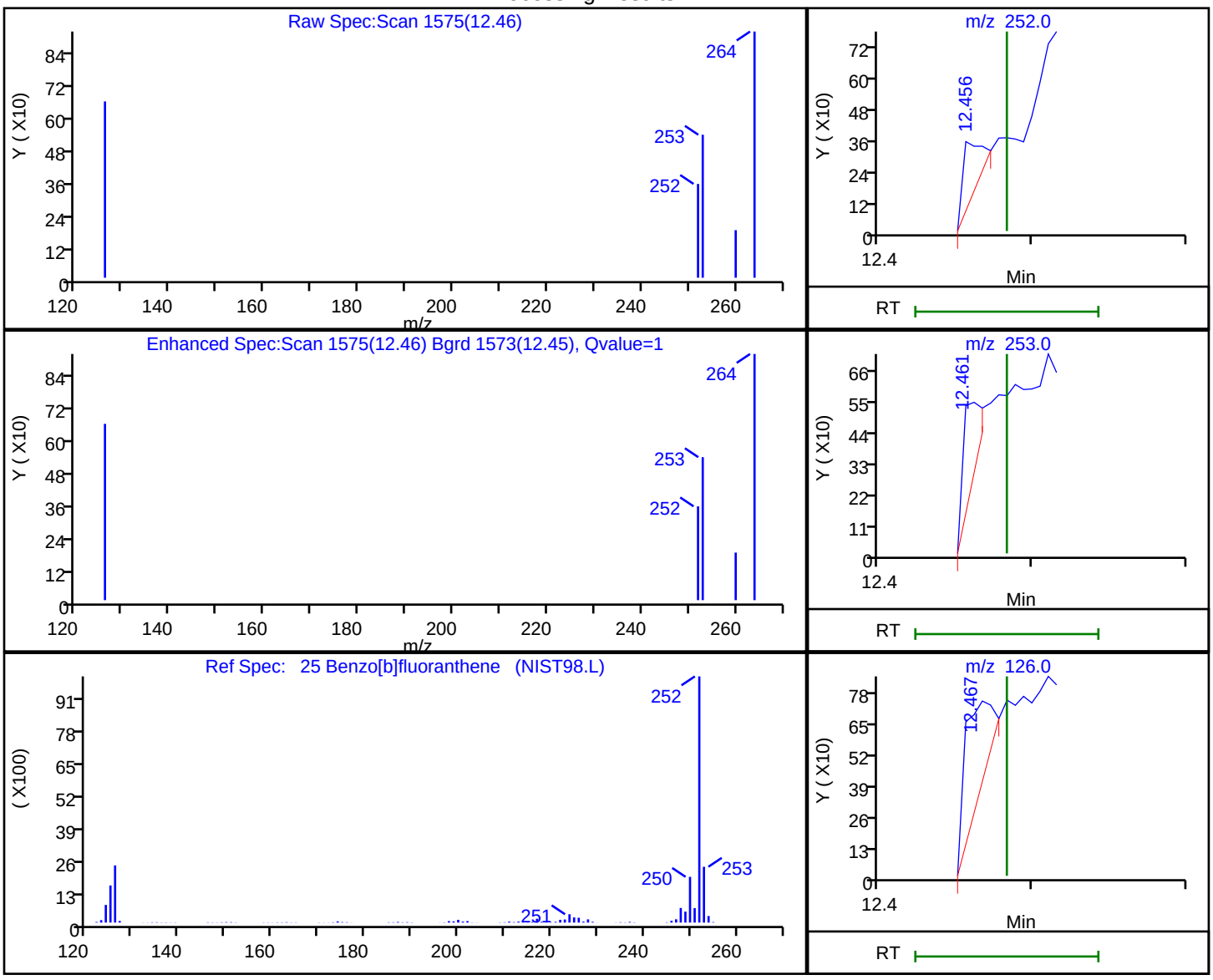
User Disabled Compound Report

Eurofins Seattle

Data File:	\\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a030.D				
Injection Date:	14-Mar-2022 22:11:30	Instrument ID:	SEA101		
Lims ID:	580-111087-B-2-A	Lab Sample ID:	580-111087-2		
Client ID:	ERH2670 (RHMW19)				
Operator ID:	tl	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

25 Benzo[b]fluoranthene, CAS: 205-99-2

Processing Results



RT	Mass	Response	Amount
12.46	252.00	175	2.068793
12.46	253.00	222	
12.47	126.00	478	

Reviewer: jantanuc, 15-Mar-2022 13:31:52

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Seattle

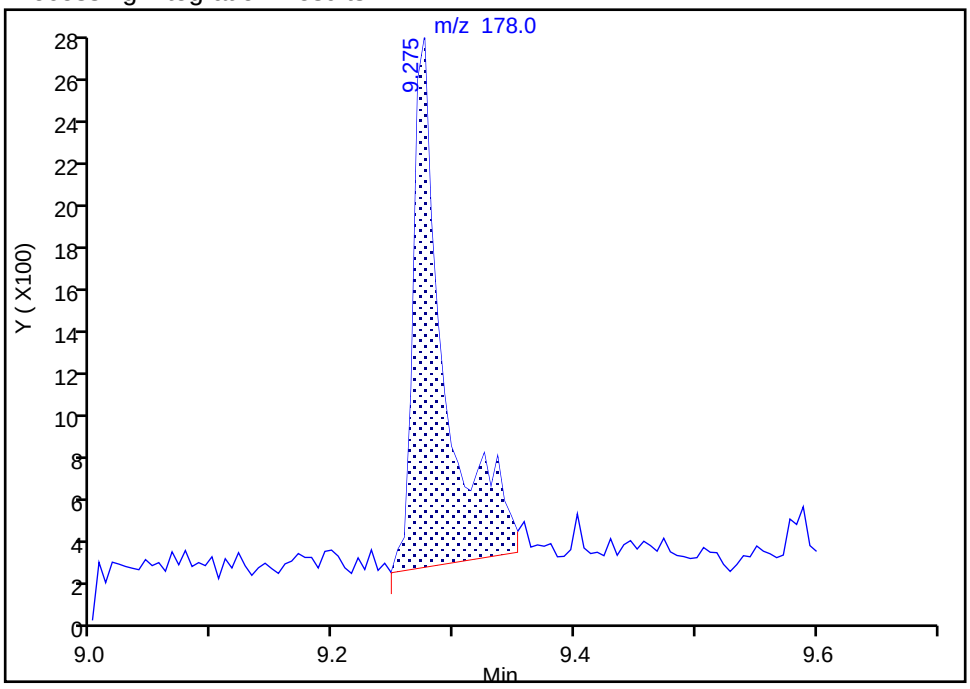
Data File:	\\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a030.D				
Injection Date:	14-Mar-2022 22:11:30	Instrument ID:	SEA101		
Lims ID:	580-111087-B-2-A	Lab Sample ID:	580-111087-2		
Client ID:	ERH2670 (RHMW19)				
Operator ID:	tl	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

19 Phenanthrene, CAS: 85-01-8

Signal: 1

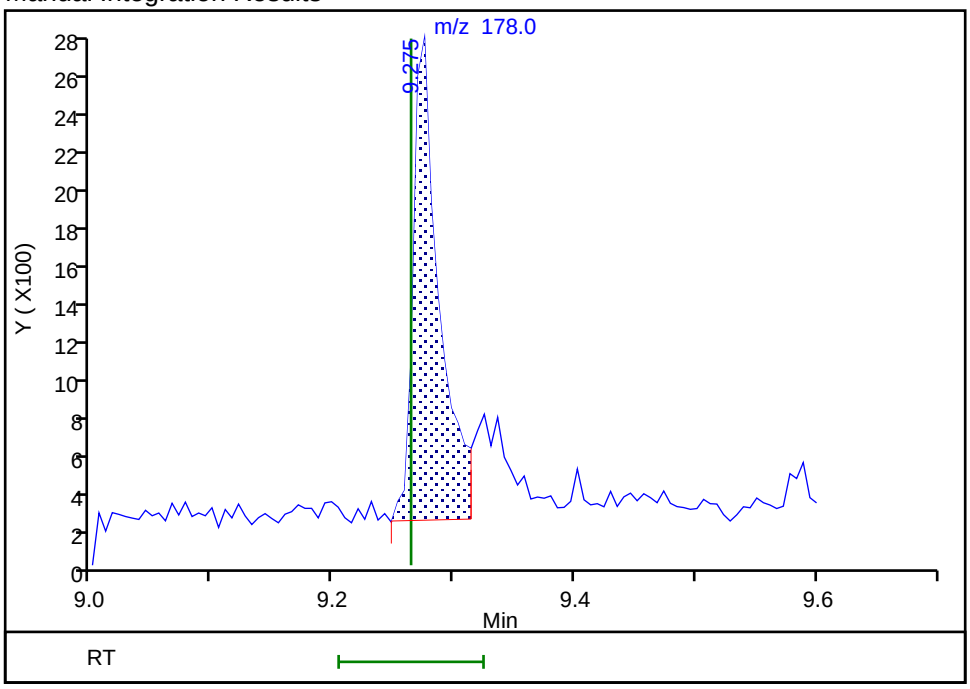
Processing Integration Results

RT: 9.28
Area: 4343
Amount: 4.062660
Amount Units: ug/L



Manual Integration Results

RT: 9.28
Area: 3659
Amount: 3.422812
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 13:31:44

Audit Action: Manually Integrated Audit Reason: Baseline

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 369708

SDG No.:

Instrument ID: SEA101 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2021 18:11 Calibration End Date: 10/05/2021 23:04 Calibration ID: 31306

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-369708/16	100521a031.D
Level 2	STD2 580-369708/15	100521a030.D
Level 3	STD3 580-369708/14	100521a029.D
Level 4	STD4 580-369708/13	100521a028.D
Level 5	STD5 580-369708/12	100521a027.D
Level 6	STD6 580-369708/11	100521a026.D
Level 7	STD7 580-369708/10	100521a025.D
Level 8	STD8 580-369708/9	100521a024.D
Level 9	STD9IS 580-369708/8	100521a023.D
Level 10	STD10 580-369708/7	100521a022.D
Level 11	STD11 580-369708/6	100521a021.D
Level 12	STD12 580-369708/5	100521a020.D
Level 13	STD13 580-369708/4	100521a019.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6 LVL 11	LVL 2 LVL 7 LVL 12	LVL 3 LVL 8 LVL 13	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Naphthalene	+++++ 0.9373 1.0449	+++++ 1.0794 1.0168	1.4915 1.0188 0.9391	1.3451 0.9983	1.0192 0.9519	Lin2	2.6367	0.9834			0.7000	7.0			0.9950		0.9900
2-Methylnaphthalene	+++++ 0.5688 0.7136	0.6163 0.6785 0.6899	0.5293 0.6844 0.6328	0.5687 0.6752	0.4295 0.6500	Ave		0.6197			0.4000	13.3		15.0			
1-Methylnaphthalene	+++++ 0.8273 0.6543	+++++ 0.8062 0.6317	0.7716 0.7092 0.5892	0.7775 0.6450	0.7654 0.6052	Ave		0.7075			0.4000	12.1		15.0			
Acenaphthylene	+++++ 1.7303 2.0926	+++++ 1.9078 2.0414	2.0627 2.0596 1.8872	1.6763 1.9885	1.6489 1.9020	Ave		1.9088			0.9000	8.4		15.0			
Acenaphthene	+++++ 1.3161 1.2894	+++++ 1.4159 1.2559	1.6480 1.4012 1.2030	1.4372 1.2906	1.3857 1.2006	Ave		1.3494			0.9000	9.5		15.0			
Fluorene	+++++ 1.2408 1.4100	+++++ 1.4213 1.3574	1.6090 1.4730 1.3042	1.4532 1.3686	1.2030 1.3050	Ave		1.3769			0.9000	8.3		15.0			
Pentachlorophenol	+++++ 0.1244 0.2180	+++++ 0.1281 0.2589	+++++ 0.1439 +++++	0.0574 0.1455	0.1281 0.1717	Qua2	-1.601	0.1456	0.0000122		0.0500	9.0			0.9930		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 369708

SDG No.:

Instrument ID: SEA101 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2021 18:11 Calibration End Date: 10/05/2021 23:04 Calibration ID: 31306

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6 LVL 11	LVL 2 LVL 7 LVL 12	LVL 3 LVL 8 LVL 13	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Phenanthrene	+++++ 0.9955 1.2539	+++++ 1.1259 1.2301	1.2019 1.1733 1.1574	0.9644 1.1323	1.0622 1.1273	Ave		1.1295			0.7000	8.1		15.0			
Anthracene	+++++ 1.3022 1.3311	+++++ 1.3599 1.2910	2.1629 1.3128 +++++	1.6562 1.2287	1.4762 1.1924	Lin2	4.3886	1.2608			0.7000	4.1			0.9980		0.9900
Fluoranthene	+++++ 1.1675 1.3637	+++++ 1.2576 1.3349	1.5543 1.2571 +++++	0.9622 1.2373	1.2839 1.2313	Ave		1.2650			0.6000	11.8		15.0			
Pyrene	+++++ 1.2629 1.4156	+++++ 1.3354 1.3836	1.5010 1.3173 +++++	1.2283 1.2913	1.3279 1.2722	Ave		1.3335			0.6000	6.1		15.0			
Benzo[a]anthracene	+++++ 0.9279 1.4148	+++++ 0.9789 1.4246	0.8186 1.0849 +++++	0.9809 1.1281	0.7989 1.1922	Qua2	-1.208	1.0369	0.0000957		0.8000	9.9			0.9900		0.9900
Chrysene	+++++ 1.9436 1.5068	+++++ 2.0203 1.4476	2.5627 1.9328 +++++	2.2358 1.6566	2.1789 1.4076	Qua2	4.0215	1.8196	-0.000098		0.7000	11.6			0.9900		0.9900
Benzo[b]fluoranthene	+++++ 1.0940 1.3033	+++++ 1.0866 1.2245	0.8432 1.1545 1.1977	0.7417 1.1914	0.9574 1.1320	Lin2	-2.235	1.1632			0.7000	8.8			0.9910		0.9900
Benzo[k]fluoranthene	+++++ 1.8211 1.5946	+++++ 2.0849 1.5424	2.6957 1.9212 1.3224	2.2155 1.6466	1.7024 1.6066	Qua2	4.5178	1.7483	-0.000044		0.7000	9.4			0.9910		0.9900
Benzo[a]pyrene	+++++ 1.4231 1.3528	+++++ 1.3393 1.3378	1.5703 1.3837 1.2448	1.2899 1.2833	1.2359 1.2392	Ave		1.3364			0.7000	7.4		15.0			
Indeno[1,2,3-cd]pyrene	+++++ 0.8511 1.2774	1.2728 0.9869 1.1732	1.1661 0.9664 1.2463	1.0208 1.0258	1.0628 1.0642	Ave		1.0928			0.5000	12.3		15.0			
Dibenz(a,h)anthracene	+++++ 1.2390 1.4563	+++++ 1.4309 1.4115	1.9701 1.4043 1.3233	1.6482 1.3833	1.4212 1.3482	Lin2	2.9133	1.3549			0.4000	5.8			0.9960		0.9900
Benzo[g,h,i]perylene	+++++ 1.6680 1.6077	+++++ 1.7342 1.5458	1.6777 1.6762 1.4481	1.6248 1.5730	1.6160 1.5193	Ave		1.6083			0.5000	5.1		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 369708

SDG No.:

Instrument ID: SEA101 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2021 18:11 Calibration End Date: 10/05/2021 23:04 Calibration ID: 31306

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6 LVL 11	LVL 2 LVL 7 LVL 12	LVL 3 LVL 8 LVL 13	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
2-methylnaphthalene-d10	+++++ 0.5372 0.5991	0.6420 0.5645 0.5915	0.6154 0.5818 0.5524	0.7561 0.5528	0.5324 0.5424	Ave		0.5890				10.6		15.0			
2-Fluorobiphenyl	+++++ 1.4032 1.4324	1.3284 1.3679 1.3991	1.4830 1.5075 1.3527	1.4655 1.3125	1.3033 1.2827	Ave		1.3865				5.4		15.0			
2,4,6-Tribromophenol	+++++ 0.1729 0.2602	+++++ 0.1823 0.2701	+++++ 0.2179 +++++	+++++ 0.2265	0.1679 0.2298	Qua2	-1.141	0.2140	0.0000131			7.6			0.9950		0.9900
Fluoranthene-d10 (Surr)	1.4485 0.9558 1.1711	1.1433 1.0438 1.1673	1.0730 1.0718 1.1290	0.9884 1.0468	1.1017 1.0309	Ave		1.1055				11.0		15.0			
Terphenyl-d14	+++++ 0.6961 0.8088	+++++ 0.7247 0.8012	0.7679 0.7445 0.7723	0.7361 0.7329	0.7980 0.7220	Ave		0.7549				4.9		15.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 369708

SDG No.:

Instrument ID: SEA101 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2021 18:11 Calibration End Date: 10/05/2021 23:04 Calibration ID: 31306

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-369708/16	100521a031.D
Level 2	STD2 580-369708/15	100521a030.D
Level 3	STD3 580-369708/14	100521a029.D
Level 4	STD4 580-369708/13	100521a028.D
Level 5	STD5 580-369708/12	100521a027.D
Level 6	STD6 580-369708/11	100521a026.D
Level 7	STD7 580-369708/10	100521a025.D
Level 8	STD8 580-369708/9	100521a024.D
Level 9	STD9IS 580-369708/8	100521a023.D
Level 10	STD10 580-369708/7	100521a022.D
Level 11	STD11 580-369708/6	100521a021.D
Level 12	STD12 580-369708/5	100521a020.D
Level 13	STD13 580-369708/4	100521a019.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6 LVL 11	LVL 2 LVL 7 LVL 12	LVL 3 LVL 8 LVL 13	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6 LVL 11	LVL 2 LVL 7 LVL 12	LVL 3 LVL 8 LVL 13	LVL 4 LVL 9	LVL 5 LVL 10
Naphthalene	NPT	Lin2	+++++ 26692 1515312	+++++ 68902 3756655	3686 137915 6979702	5296 364590	11456 763265	+++++ 50.0 2000	+++++ 100 5000	5.00 200 10000	10.0 500	20.0 1000
2-Methylnaphthalene	NPT	Ave	+++++ 16198 1034860	622 43307 2548879	1308 92649 4702659	2239 246576	4828 521211	+++++ 50.0 2000	2.00 100 5000	5.00 200 10000	10.0 500	20.0 1000
1-Methylnaphthalene	NPT	Ave	+++++ 23560 948819	+++++ 51460 2333667	1907 95997 4379195	3061 235558	8603 485237	+++++ 50.0 2000	+++++ 100 5000	5.00 200 10000	10.0 500	20.0 1000
Acenaphthylene	ANT	Ave	+++++ 23592 1536225	+++++ 60101 3897275	2537 130937 7041537	4381 359032	8860 767515	+++++ 50.0 2000	+++++ 100 5000	5.00 200 10000	10.0 500	20.0 1000
Acenaphthene	ANT	Ave	+++++ 17945 946620	+++++ 44603 2397652	2027 89079 4488613	3756 233024	7446 484478	+++++ 50.0 2000	+++++ 100 5000	5.00 200 10000	10.0 500	20.0 1000
Fluorene	ANT	Ave	+++++ 16918 1035105	+++++ 44774 2591465	1979 93643 4866318	3798 247100	6464 526619	+++++ 50.0 2000	+++++ 100 5000	5.00 200 10000	10.0 500	20.0 1000
Pentachlorophenol	ANT	Qua2	+++++ 3393 320061	+++++ 8070 988393	+++++ 18295 +++++	300 52538	1377 138599	+++++ 100 4000	+++++ 200 10000	+++++ 400 +++++	20.0 1000	40.0 2000

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 369708

SDG No.:

Instrument ID: SEA101 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2021 18:11 Calibration End Date: 10/05/2021 23:04 Calibration ID: 31306

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6 LVL 11	LVL 2 LVL 7 LVL 12	LVL 3 LVL 8 LVL 13	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6 LVL 11	LVL 2 LVL 7 LVL 12	LVL 3 LVL 8 LVL 13	LVL 4 LVL 9	LVL 5 LVL 10
Phenanthrene	PHN	Ave	+++++	+++++	2210	3983	7755	+++++	+++++	5.00	10.0	20.0
			20368	55510	123750	332790	728513	50.0	100	200	500	1000
			1444600	3737772	6982413			2000	5000	10000		
Anthracene	PHN	Lin2	+++++	+++++	3977	6840	10778	+++++	+++++	5.00	10.0	20.0
			26642	67049	138458	361148	770560	50.0	100	200	500	1000
			1533614	3922979	+++++			2000	5000	+++++		
Fluoranthene	PHN	Ave	+++++	+++++	2858	3974	9374	+++++	+++++	5.00	10.0	20.0
			23888	62005	132587	363667	795705	50.0	100	200	500	1000
			1571200	4056301	+++++			2000	5000	+++++		
Pyrene	PHN	Ave	+++++	+++++	2760	5073	9695	+++++	+++++	5.00	10.0	20.0
			25838	65837	138938	379547	822161	50.0	100	200	500	1000
			1630886	4204227	+++++			2000	5000	+++++		
Benzo[a]anthracene	CRY	Qua2	+++++	+++++	1155	2865	4693	+++++	+++++	5.00	10.0	20.0
			14671	35401	86443	266831	659680	50.0	100	200	500	1000
			1406607	3756460	+++++			2000	5000	+++++		
Chrysene	CRY	Qua2	+++++	+++++	3616	6530	12800	+++++	+++++	5.00	10.0	20.0
			30731	73062	154000	391863	778847	50.0	100	200	500	1000
			1498062	3817006	+++++			2000	5000	+++++		
Benzo[b]fluoranthene	PRY	Lin2	+++++	+++++	1162	2161	5773	+++++	+++++	5.00	10.0	20.0
			17150	39190	93562	289848	632411	50.0	100	200	500	1000
			1398252	3604828	7464583			2000	5000	10000		
Benzo[k]fluoranthene	PRY	Qua2	+++++	+++++	3715	6455	10265	+++++	+++++	5.00	10.0	20.0
			28548	75195	155705	400584	897533	50.0	100	200	500	1000
			1710761	4540881	8241633			2000	5000	10000		
Benzo[a]pyrene	PRY	Ave	+++++	+++++	2164	3758	7452	+++++	+++++	5.00	10.0	20.0
			22308	48304	112141	312200	692290	50.0	100	200	500	1000
			1451408	3938272	7758281			2000	5000	10000		
Indeno[1,2,3-cd]pyrene	PRY	Ave	+++++	649	1607	2974	6408	+++++	2.00	5.00	10.0	20.0
			13342	35595	78317	249551	594530	50.0	100	200	500	1000
			1370453	3453877	7767159			2000	5000	10000		
Dibenz(a,h)anthracene	PRY	Lin2	+++++	+++++	2715	4802	8569	+++++	+++++	5.00	10.0	20.0
			19422	51607	113809	336544	753179	50.0	100	200	500	1000
			1562417	4155334	8247328			2000	5000	10000		
Benzo[g,h,i]perylene	PRY	Ave	+++++	+++++	2312	4734	9744	+++++	+++++	5.00	10.0	20.0
			26148	62549	135848	382693	848784	50.0	100	200	500	1000

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 369708

SDG No.:

Instrument ID: SEA101 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2021 18:11 Calibration End Date: 10/05/2021 23:04 Calibration ID: 31306

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6 LVL 11	LVL 2 LVL 7 LVL 12	LVL 3 LVL 8 LVL 13	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6 LVL 11	LVL 2 LVL 7 LVL 12	LVL 3 LVL 8 LVL 13	LVL 4 LVL 9	LVL 5 LVL 10
			1724867	4550891	9025197			2000	5000	10000		
2-methylnaphthalene-d10	NPT	Ave	+++++	648	1521	2977	5984	+++++	2.00	5.00	10.0	20.0
			15297	36034	78763	201898	434872	50.0	100	200	500	1000
			868733	2185396	4105403			2000	5000	10000		
2-Fluorobiphenyl	ANT	Ave	+++++	640	1824	3830	7003	+++++	2.00	5.00	10.0	20.0
			19132	43092	95838	236979	517627	50.0	100	200	500	1000
			1051612	2671012	5047266			2000	5000	10000		
2,4,6-Tribromophenol	ANT	Qua2	+++++	+++++	+++++	+++++	902	+++++	+++++	+++++	+++++	20.0
			2358	5744	13855	40899	92731	50.0	100	200	500	1000
			191010	515620	+++++			2000	5000	+++++		
Fluoranthene-d10 (Surr)	PHN	Ave	504	830	1973	4082	8044	1.00	2.00	5.00	10.0	20.0
			19556	51462	113041	307671	666206	50.0	100	200	500	1000
			1349219	3547009	6810993			2000	5000	10000		
Terphenyl-d14	PHN	Ave	+++++	+++++	1412	3040	5826	+++++	+++++	5.00	10.0	20.0
			14242	35729	78521	215404	466584	50.0	100	200	500	1000
			931860	2434540	4659050			2000	5000	10000		

Curve Type Legend

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Seattle | Job No.: 580-111087-1 | Analy Batch No.: 369708

SDG No.:

Instrument ID: SEA101 | GC Column: ZB-SV | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2021 18:11 | Calibration End Date: 10/05/2021 23:04 | Calibration ID: 31306

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-369708/16	100521a031.D
Level 2	STD2 580-369708/15	100521a030.D
Level 3	STD3 580-369708/14	100521a029.D
Level 4	STD4 580-369708/13	100521a028.D
Level 5	STD5 580-369708/12	100521a027.D
Level 6	STD6 580-369708/11	100521a026.D
Level 7	STD7 580-369708/10	100521a025.D
Level 8	STD8 580-369708/9	100521a024.D
Level 9	STD9IS 580-369708/8	100521a023.D
Level 10	STD10 580-369708/7	100521a022.D
Level 11	STD11 580-369708/6	100521a021.D
Level 12	STD12 580-369708/5	100521a020.D
Level 13	STD13 580-369708/4	100521a019.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 # LVL 13 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 # LVL 11 #	LVL 6 # LVL 12 #	LVL 1 LVL 7 LVL 13	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5 LVL 11	LVL 6 LVL 12
Naphthalene	+++++	+++++	-2.0						50			
2-Methylnaphthalene	+++++	-0.6						50				
1-Methylnaphthalene	+++++	+++++	9.1						50			
Acenaphthylene	+++++	+++++	8.1						50			
Acenaphthene	+++++	+++++	22.1						50			
Fluorene	+++++	+++++	16.9						50			
Pentachlorophenol	+++++ +++++	+++++	+++++	-5.7						50		
Phenanthrene	+++++	+++++	6.4						50			

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 369708

SDG No.:

Instrument ID: SEA101 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2021 18:11 Calibration End Date: 10/05/2021 23:04 Calibration ID: 31306

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 # LVL 13 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 # LVL 11 #	LVL 6 # LVL 12 #	LVL 1 LVL 7 LVL 13	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5 LVL 11	LVL 6 LVL 12
Anthracene	+++++ +++++	+++++	1.9						50			
Fluoranthene	+++++ +++++	+++++	22.9						50			
Pyrene	+++++ +++++	+++++	12.6						50			
Benzo[a]anthracene	+++++ +++++	+++++	2.2						50			
Chrysene	+++++ +++++	+++++	-3.3						50			
Benzo[b]fluoranthene	+++++	+++++	10.9						50			
Benzo[k]fluoranthene	+++++	+++++	2.5						50			
Benzo[a]pyrene	+++++	+++++	17.5						50			
Indeno[1,2,3-cd]pyrene	+++++	16.5						50				
Dibenz(a,h)anthracene	+++++	+++++	2.4						50			
Benzo[g,h,i]perylene	+++++	+++++	4.3						50			
2-methylnaphthalene-d10	+++++	9.0						50				
2-Fluorobiphenyl	+++++	-4.2						50				

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Seattle Job No.: 580-111087-1 Analy Batch No.: 369708

SDG No.:

Instrument ID: SEA101 GC Column: ZB-SV ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2021 18:11 Calibration End Date: 10/05/2021 23:04 Calibration ID: 31306

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 # LVL 13 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 # LVL 11 #	LVL 6 # LVL 12 #	LVL 1 LVL 7 LVL 13	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5 LVL 11	LVL 6 LVL 12
2,4,6-Tribromophenol	+++++ +++++	+++++	+++++	+++++	5.0						50	
Fluoranthene-d10 (Surr)	31.0						50					
Terphenyl-d14	+++++	+++++	1.7						50			

Eurofins FGS, Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a019.D
Lims ID: std13
Client ID:
Sample Type: IC Calib Level: 13
Inject. Date: 05-Oct-2021 18:11:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 13
Operator ID: TL Instrument ID: SEA101
Sublist: chrom-8270_SIM_SEA101*sub12

Method: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 22-Oct-2021 13:12:48 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: limmere Date: 06-Oct-2021 10:10:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.502	5.507	-0.005	1	57740	100.0	100.0	a
* 2 Naphthalene-d8	136	6.636	6.636	0.000	1	74320	100.0	100.0	
* 3 Acenaphthene-d10	164	8.093	8.098	-0.005	1	37313	100.0	100.0	
* 4 Phenanthrene-d10	188	9.312	9.312	0.000	1	60327	100.0	100.0	
* 5 Chrysene-d12	240	11.501	11.502	-0.001	1	53207	100.0	100.0	
* 6 Perylene-d12	264	13.018	13.023	-0.005	1	62324	100.0	100.0	
$ 7 2-methylnaphthalene-d10	152	7.212	7.217	-0.005	99	4105403	10000	9379.0	
$ 8 2-Fluorobiphenyl	172	7.554	7.554	0.000	1	5047266	10000	9756.0	
$ 9 2,4,6-Tribromophenol	330	8.744	8.750	-0.006	1	1004481	10000	8326.0	
$ 10 Fluoranthene-d10 (Surr)	212	10.290	10.290	0.000	100	6810993	10000	10213	
$ 11 Terphenyl-d14	244	10.624	10.629	-0.005	1	4659050	10000	10230	
12 Naphthalene	128	6.651	6.656	-0.005	1	6979702	10000	9547.4	
13 2-Methylnaphthalene	142	7.238	7.243	-0.005	1	4702659	10000	10210	
14 1-Methylnaphthalene	142	7.319	7.319	0.000	1	4379195	10000	8328.5	
15 Acenaphthylene	152	7.978	7.978	0.000	1	7041537	10000	9886.4	ea
16 Acenaphthene	153	8.122	8.122	0.000	2	4488613	10000	8914.6	
17 Fluorene	166	8.544	8.549	-0.005	1	4866318	10000	9472.2	
18 Pentachlorophenol	266	9.164	9.175	-0.011	1	2038225	20000	16015	
19 Phenanthrene	178	9.329	9.329	0.000	1	6982413	10000	10248	e
20 Anthracene	178	9.373	9.373	0.000	1	7025916	10000	9234.2	e
21 Fluoranthene	202	10.303	10.303	0.000	1	7244125	10000	9492.6	e
22 Pyrene	202	10.484	10.489	-0.005	21	7604325	10000	9452.4	e
23 Benzo[a]anthracene	228	11.491	11.491	0.000	1	7185159	10000	7639.5	
24 Chrysene	228	11.523	11.523	0.000	1	7110878	10000	NQ	
25 Benzo[b]fluoranthene	252	12.580	12.580	0.000	1	7464583	10000	10298	
26 Benzo[k]fluoranthene	252	12.612	12.612	0.000	1	8241633	10000	10181	
27 Benzo[a]pyrene	252	12.948	12.953	-0.005	1	7758281	10000	9315.1	
28 Indeno[1,2,3-cd]pyrene	276	14.310	14.310	0.000	1	7767159	10000	11404	M
29 Dibenz(a,h)anthracene	278	14.342	14.342	0.000	1	8247328	10000	9764.9	a
30 Benzo[g,h,i]perylene	276	14.639	14.634	0.005	7	9025197	10000	9004.1	

QC Flag Legend

Processing Flags

NQ - Not Quantifiable

e - Potential Peak Saturated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8270_ic_stk_00062	Amount Added: 100.00	Units: uL
8270SIM_IS_00066	Amount Added: 10.00	Units: uL

Report Date: 22-Oct-2021 13:12:49 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins FGS, Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a019.D

Injection Date: 05-Oct-2021 18:11:30 Instrument ID: SEA101

Lims ID: std13

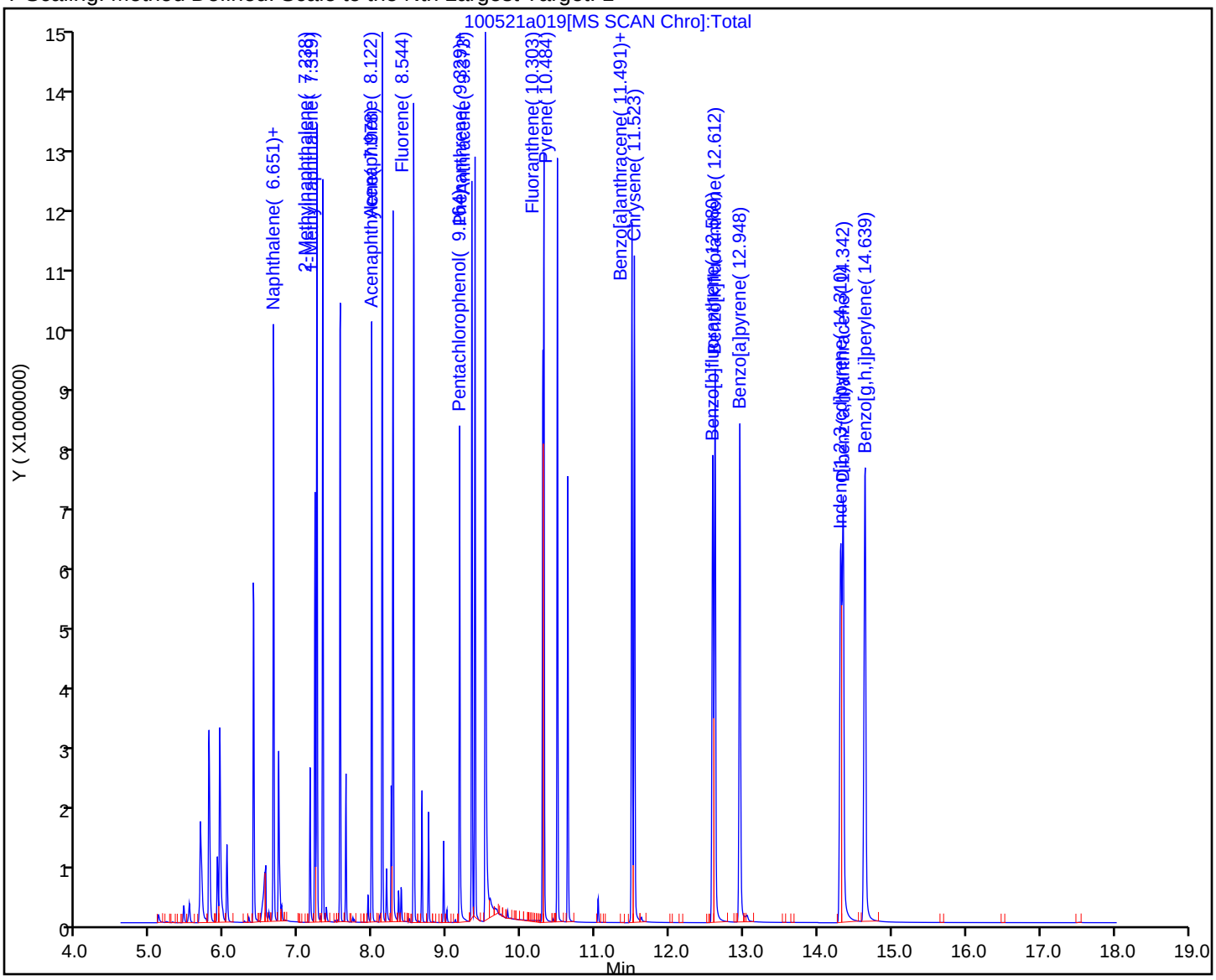
Client ID:

Operator ID: TL ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

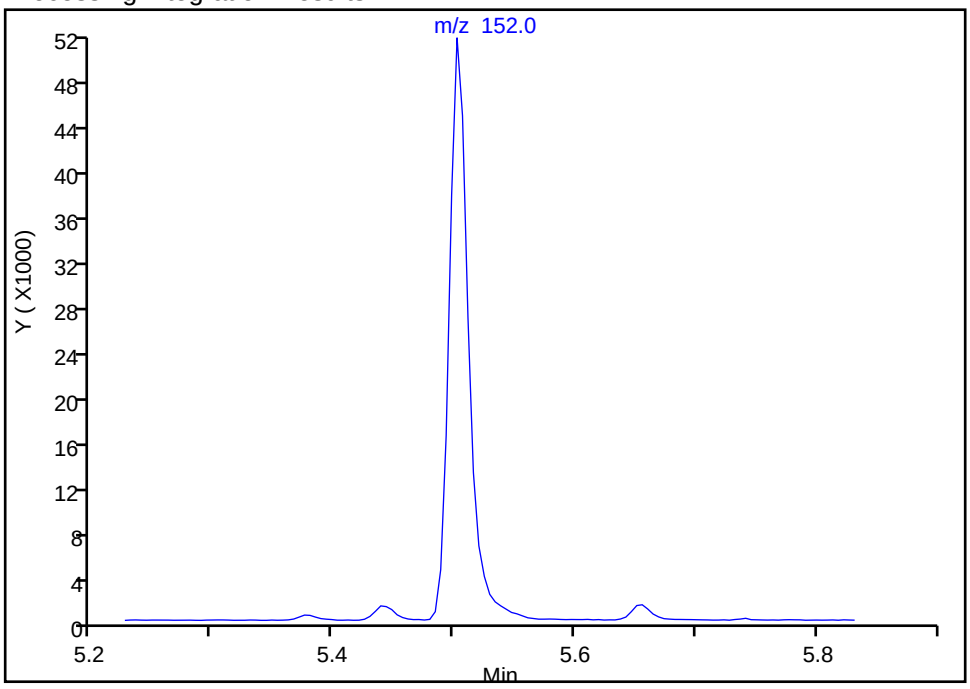
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a019.D
Injection Date: 05-Oct-2021 18:11:30 Instrument ID: SEA101
Lims ID: std13
Client ID:
Operator ID: TL ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

* 1 1,4-Dichlorobenzene-d4, CAS: 3855-82-1

Signal: 1

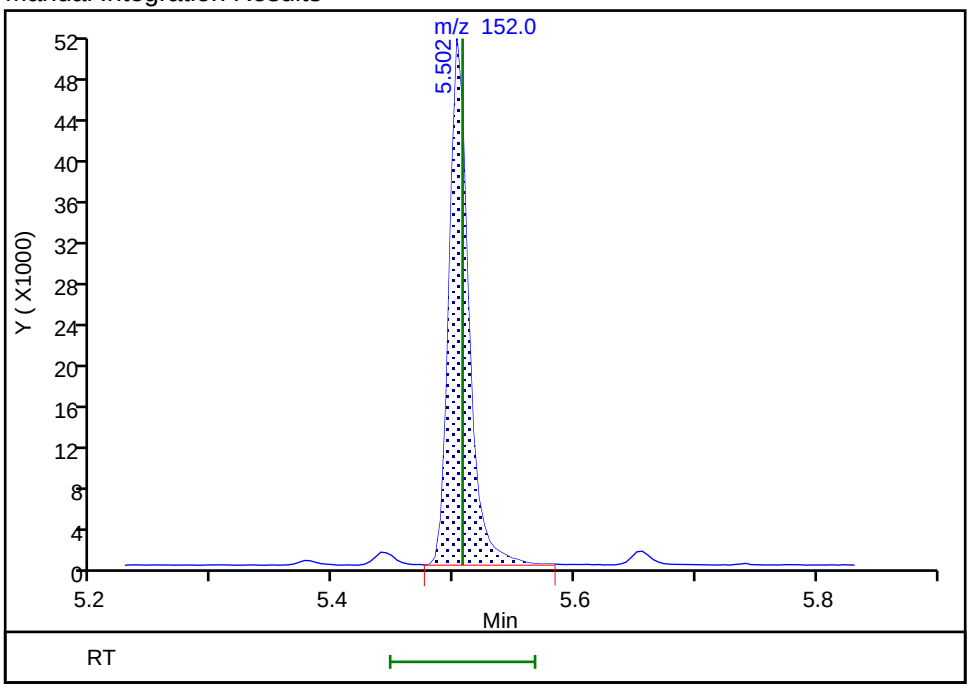
Processing Integration Results

Not Detected
Expected RT: 5.51



Manual Integration Results

RT: 5.50
Area: 57740
Amount: 100.0000
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:09:08
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

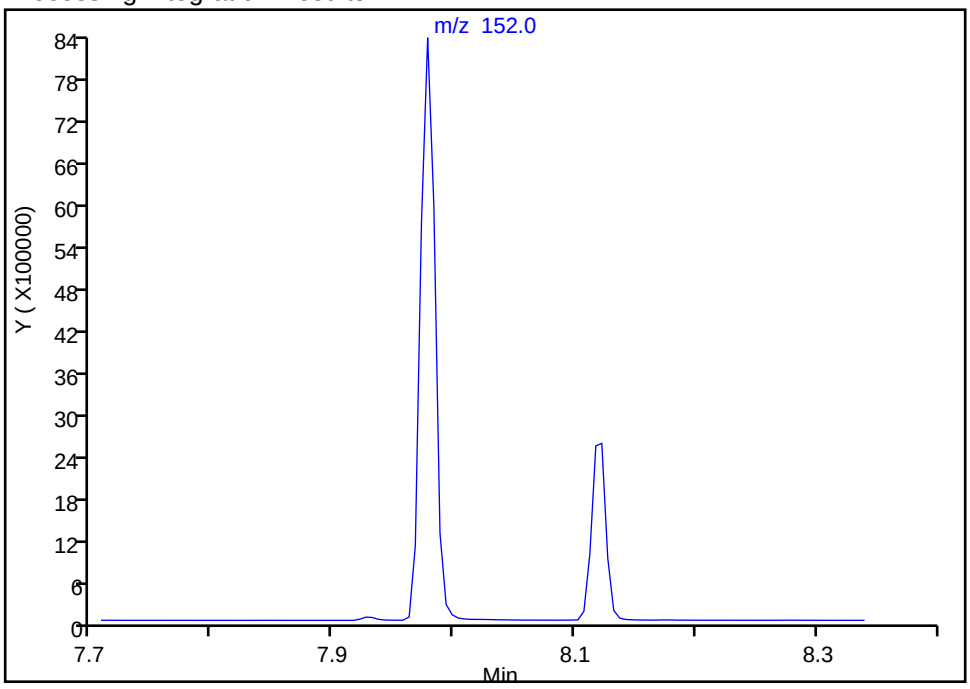
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a019.D
Injection Date: 05-Oct-2021 18:11:30 Instrument ID: SEA101
Lims ID: std13
Client ID:
Operator ID: TL ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

15 Acenaphthylene, CAS: 208-96-8

Signal: 1

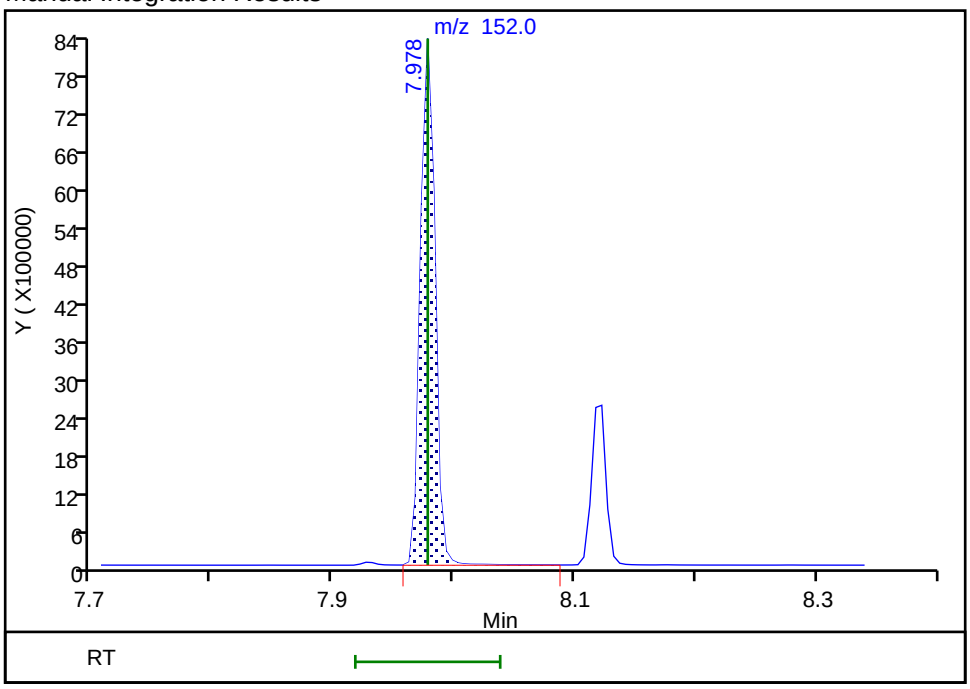
Not Detected
Expected RT: 7.98

Processing Integration Results



Manual Integration Results

RT: 7.98
Area: 7041537
Amount: 9886.3715
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:09:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

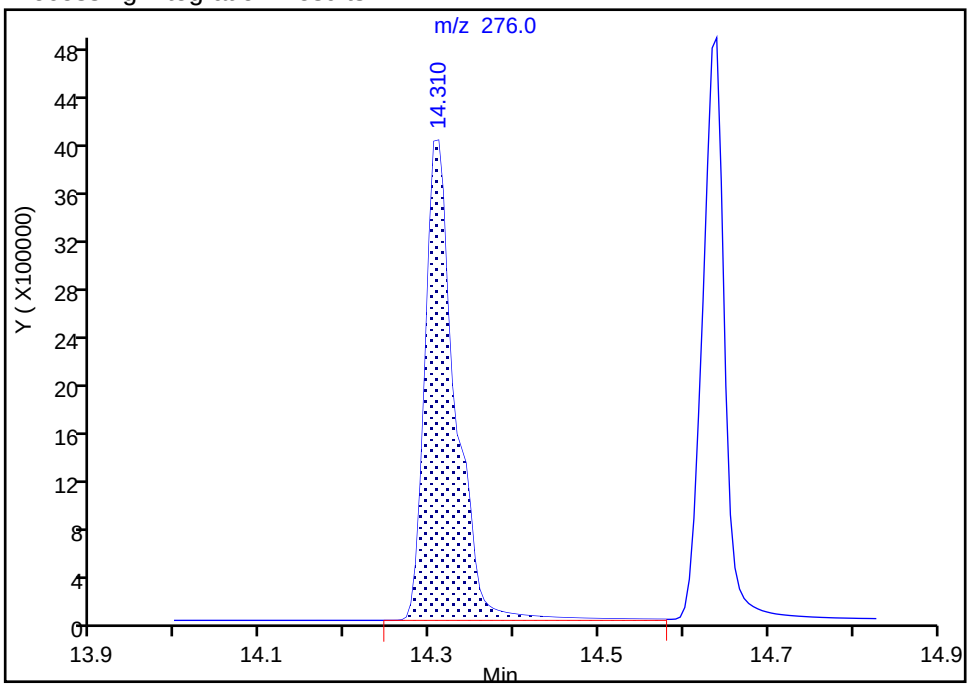
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a019.D
Injection Date: 05-Oct-2021 18:11:30 Instrument ID: SEA101
Lims ID: std13
Client ID:
Operator ID: TL ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

28 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

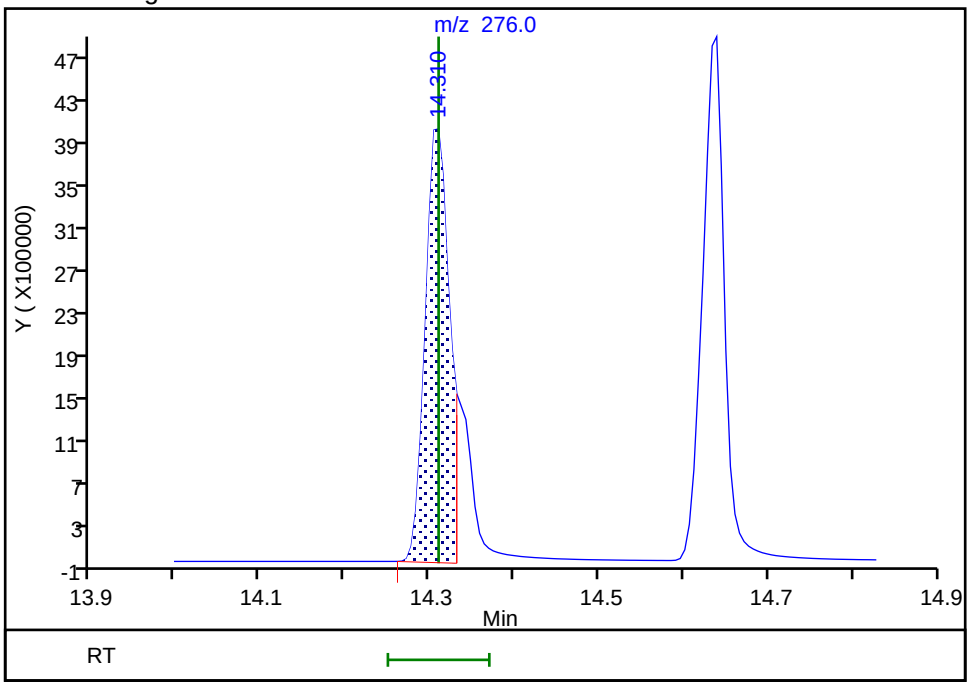
Processing Integration Results

RT: 14.31
Area: 9844135
Amount: 10830
Amount Units: ug/L



Manual Integration Results

RT: 14.31
Area: 7767159
Amount: 11404
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:10:02
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

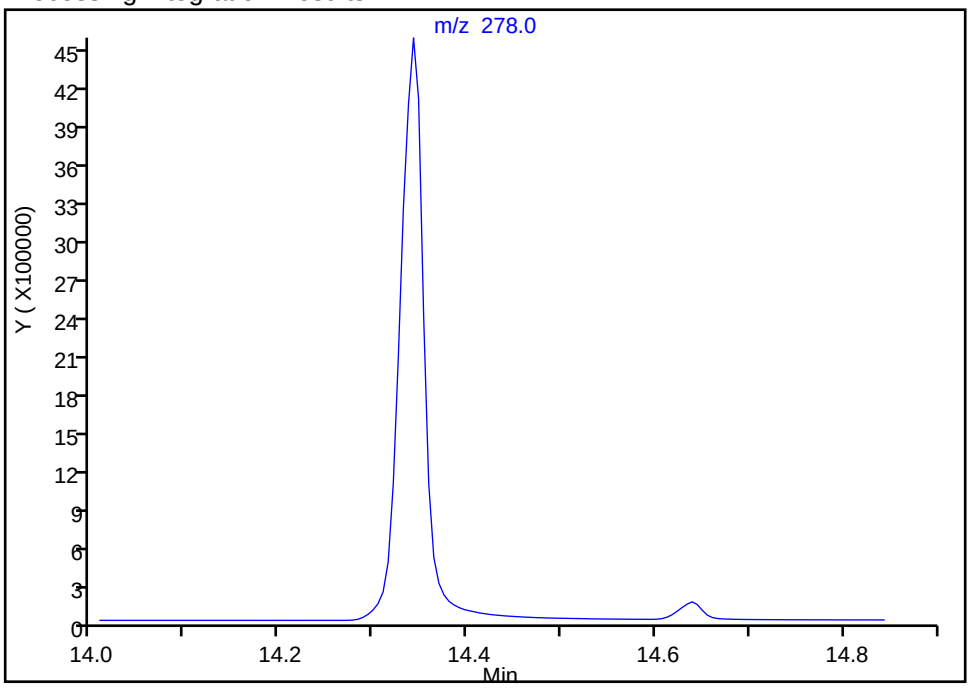
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a019.D
Injection Date: 05-Oct-2021 18:11:30 Instrument ID: SEA101
Lims ID: std13
Client ID:
Operator ID: TL ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

29 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

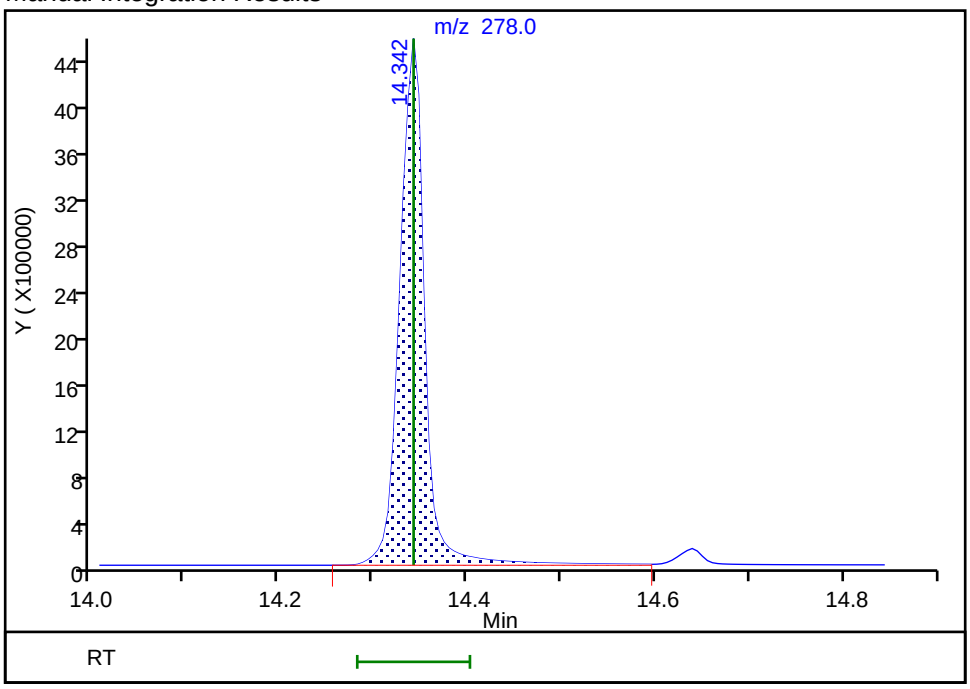
Not Detected
Expected RT: 14.34

Processing Integration Results



Manual Integration Results

RT: 14.34
Area: 8247328
Amount: 9764.8909
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:10:06
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins FGS, Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a020.D
Lims ID: std12
Client ID:
Sample Type: IC Calib Level: 12
Inject. Date: 05-Oct-2021 18:36:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 12
Operator ID: TL Instrument ID: SEA101
Sublist: chrom-8270_SIM_SEA101*sub12

Method: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 22-Oct-2021 13:12:49 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: limmere Date: 06-Oct-2021 10:27:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.502	5.507	-0.005	1	57342	100.0	100.0	a
* 2 Naphthalene-d8	136	6.636	6.636	0.000	1	73890	100.0	100.0	
* 3 Acenaphthene-d10	164	8.092	8.098	-0.006	1	38182	100.0	100.0	
* 4 Phenanthrene-d10	188	9.312	9.312	0.000	1	60773	100.0	100.0	
* 5 Chrysene-d12	240	11.501	11.502	-0.001	1	52736	100.0	100.0	
* 6 Perylene-d12	264	13.018	13.023	-0.005	1	58879	100.0	100.0	
$ 7 2-methylnaphthalene-d10	152	7.212	7.217	-0.005	100	2185396	5000.0	5021.7	
$ 8 2-Fluorobiphenyl	172	7.554	7.554	0.000	1	2671012	5000.0	5045.4	
$ 9 2,4,6-Tribromophenol	330	8.744	8.750	-0.006	1	515620	5000.0	4862.6	
$ 10 Fluoranthene-d10 (Surr)	212	10.285	10.290	-0.005	100	3547009	5000.0	5279.5	
$ 11 Terphenyl-d14	244	10.624	10.629	-0.005	1	2434540	5000.0	5306.3	
12 Naphthalene	128	6.651	6.656	-0.005	1	3756655	5000.0	5167.3	
13 2-Methylnaphthalene	142	7.238	7.243	-0.005	1	2548879	5000.0	5566.1	
14 1-Methylnaphthalene	142	7.319	7.319	0.000	1	2333667	5000.0	4464.1	
15 Acenaphthylene	152	7.978	7.978	0.000	1	3897275	5000.0	5347.3	a
16 Acenaphthene	153	8.122	8.122	0.000	2	2397652	5000.0	4653.5	
17 Fluorene	166	8.544	8.549	-0.005	1	2591465	5000.0	4929.4	
18 Pentachlorophenol	266	9.164	9.175	-0.011	1	988393	10000	9775.6	
19 Phenanthrene	178	9.329	9.329	0.000	1	3737772	5000.0	5445.4	
20 Anthracene	178	9.373	9.373	0.000	1	3922979	5000.0	5116.6	
21 Fluoranthene	202	10.299	10.303	-0.004	1	4056301	5000.0	5276.3	
22 Pyrene	202	10.484	10.489	-0.005	22	4204227	5000.0	5187.6	
23 Benzo[a]anthracene	228	11.491	11.491	0.000	1	3756460	5000.0	4770.7	
24 Chrysene	228	11.523	11.523	0.000	1	3817006	5000.0	5743.9	
25 Benzo[b]fluoranthene	252	12.580	12.580	0.000	1	3604828	5000.0	5265.3	
26 Benzo[k]fluoranthene	252	12.607	12.612	-0.005	1	4540881	5000.0	5054.3	
27 Benzo[a]pyrene	252	12.942	12.953	-0.011	1	3938272	5000.0	5005.2	
28 Indeno[1,2,3-cd]pyrene	276	14.305	14.310	-0.005	1	3453877	5000.0	5367.9	Ma
29 Dibenz(a,h)anthracene	278	14.337	14.342	-0.005	1	4155334	5000.0	5206.8	a
30 Benzo[g,h,i]perylene	276	14.628	14.634	-0.006	6	4550891	5000.0	4805.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8270_ic_stk_00062	Amount Added:	50.00	Units: uL
8270SIM_IS_00066	Amount Added:	10.00	Units: uL

Report Date: 22-Oct-2021 13:12:50 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins FGS, Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a020.D

Injection Date: 05-Oct-2021 18:36:30 Instrument ID: SEA101

Lims ID: std12

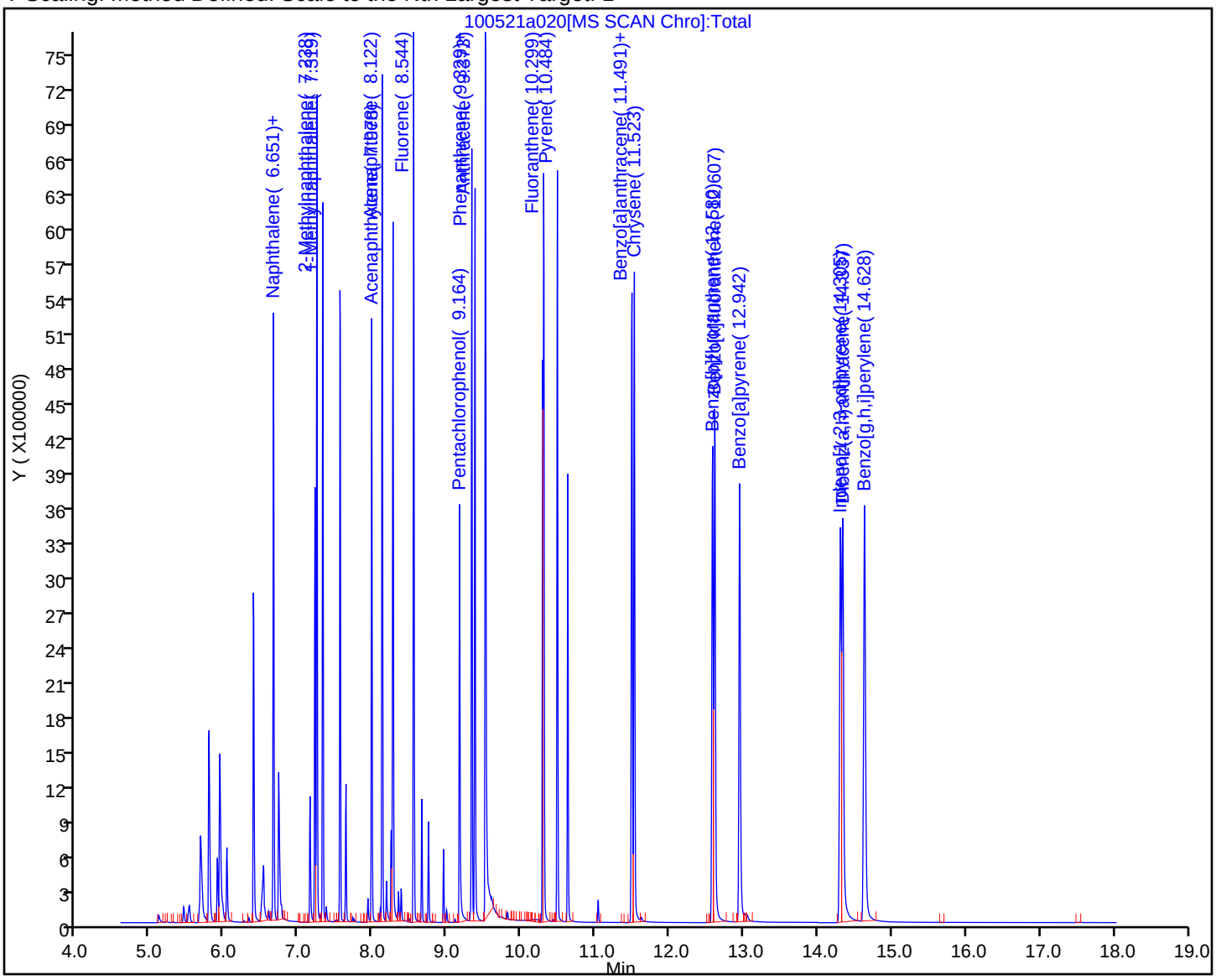
Client ID:

Operator ID: TL ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

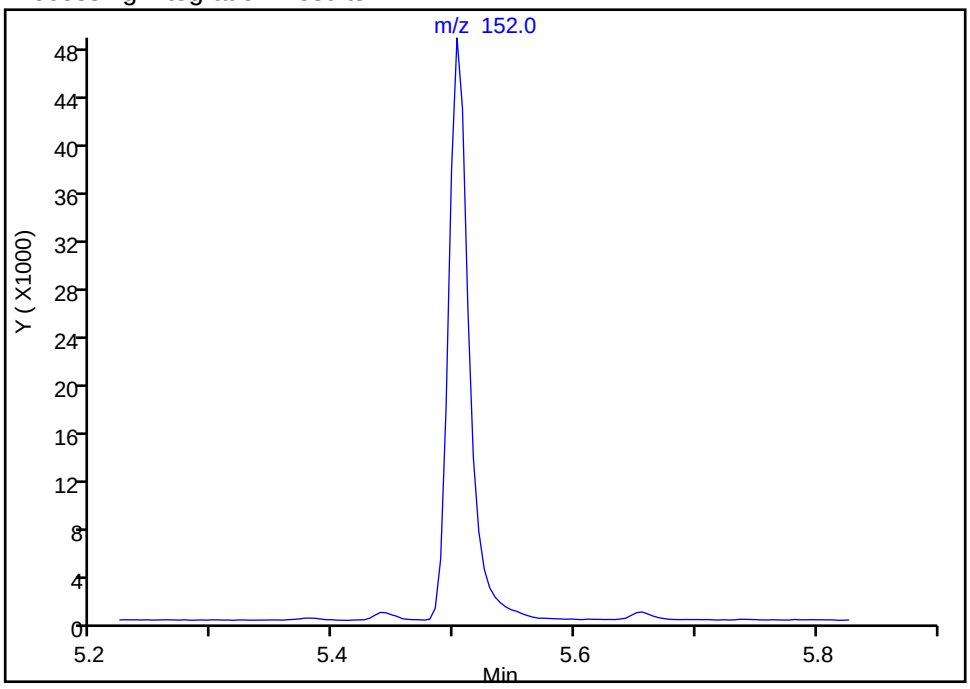
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a020.D
Injection Date: 05-Oct-2021 18:36:30 Instrument ID: SEA101
Lims ID: std12
Client ID:
Operator ID: TL ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

* 1 1,4-Dichlorobenzene-d4, CAS: 3855-82-1

Signal: 1

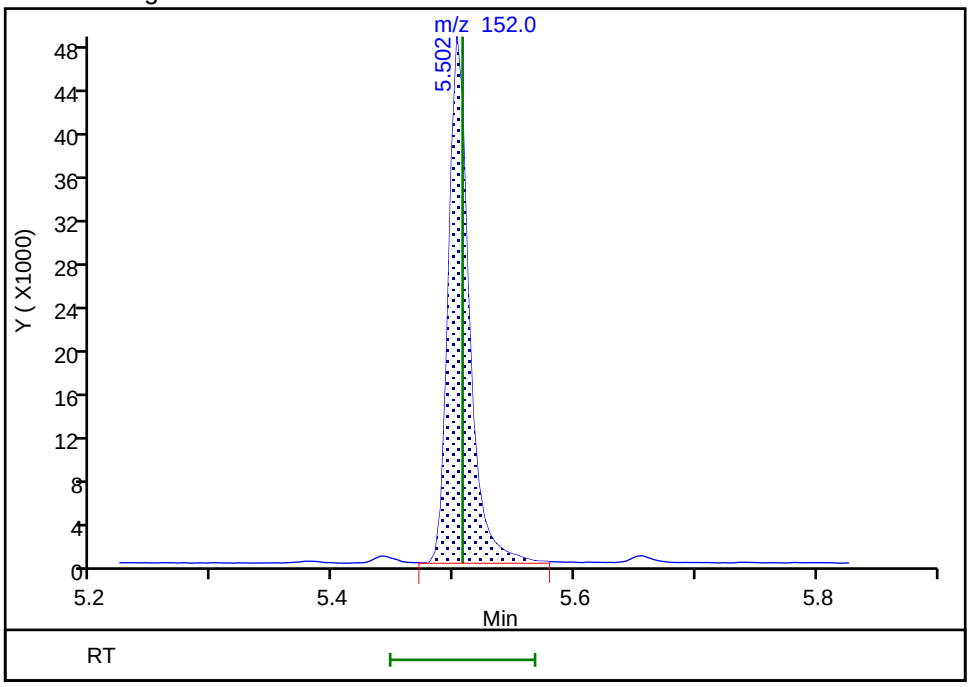
Not Detected
Expected RT: 5.51

Processing Integration Results



Manual Integration Results

RT: 5.50
Area: 57342
Amount: 100.0000
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:26:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

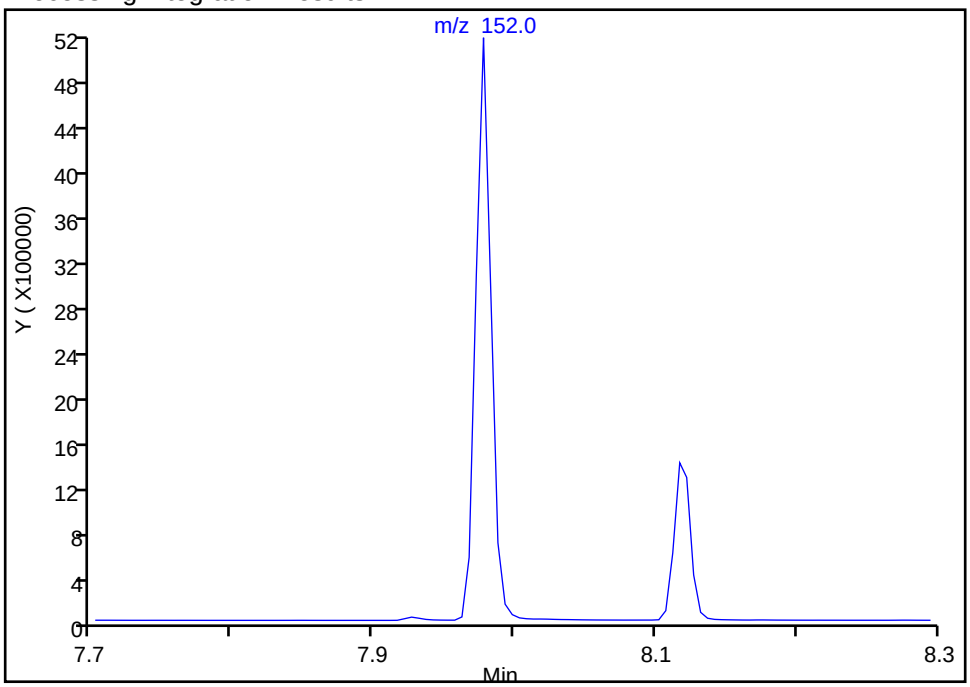
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a020.D
Injection Date: 05-Oct-2021 18:36:30 Instrument ID: SEA101
Lims ID: std12
Client ID:
Operator ID: TL ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

15 Acenaphthylene, CAS: 208-96-8

Signal: 1

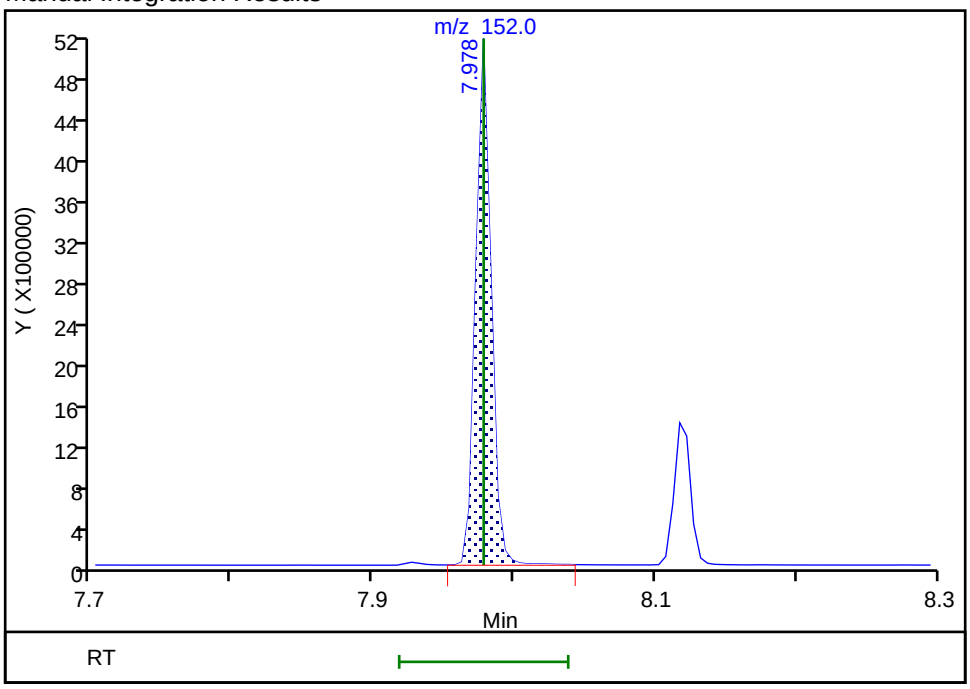
Not Detected
Expected RT: 7.98

Processing Integration Results



Manual Integration Results

RT: 7.98
Area: 3897275
Amount: 5347.2687
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:26:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

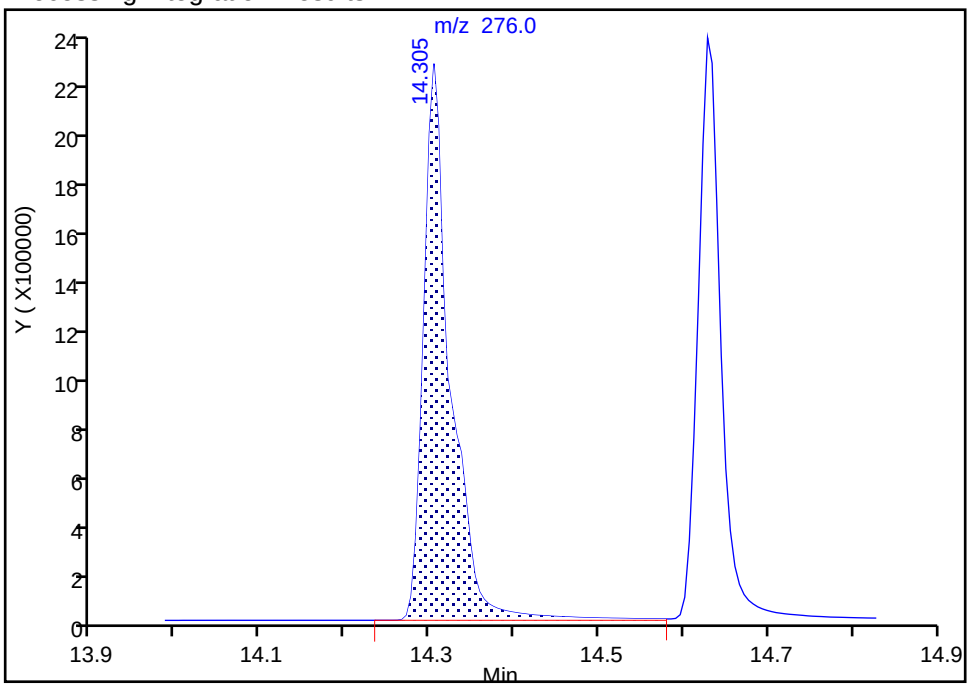
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a020.D
Injection Date: 05-Oct-2021 18:36:30 Instrument ID: SEA101
Lims ID: std12
Client ID:
Operator ID: TL ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

28 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

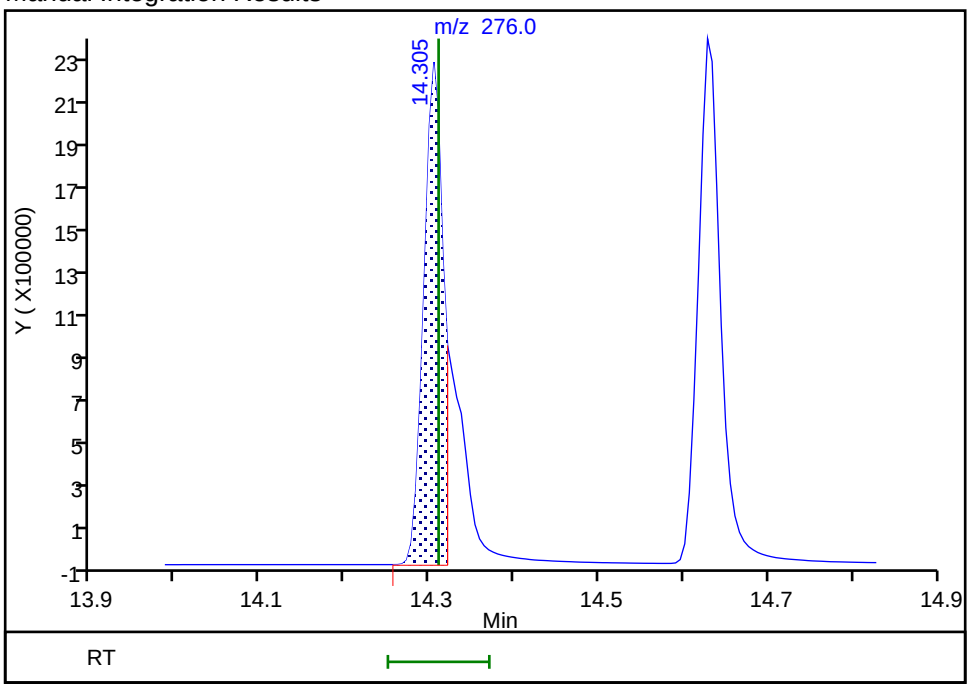
Processing Integration Results

RT: 14.30
Area: 4951042
Amount: 5868.8410
Amount Units: ug/L



Manual Integration Results

RT: 14.30
Area: 3453877
Amount: 5367.9138
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:26:58
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

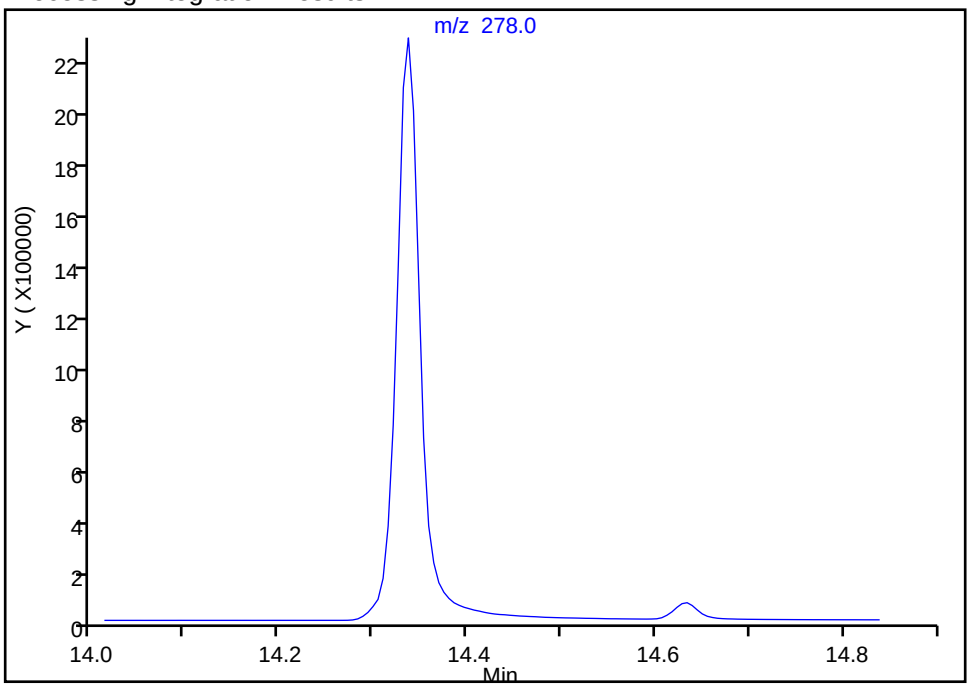
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a020.D
Injection Date: 05-Oct-2021 18:36:30 Instrument ID: SEA101
Lims ID: std12
Client ID:
Operator ID: TL ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

29 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

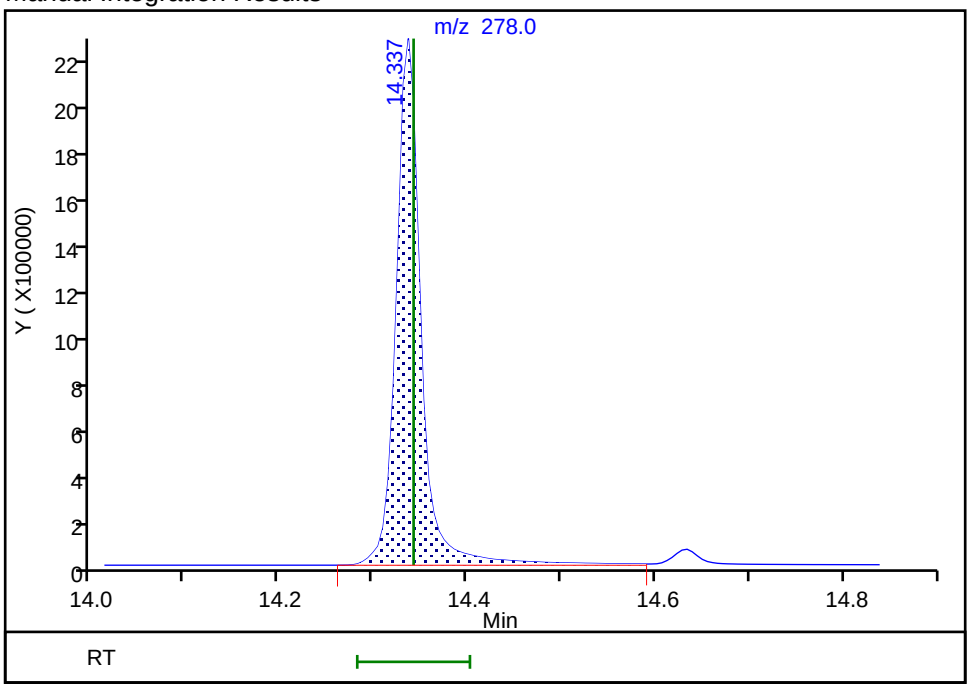
Not Detected
Expected RT: 14.34

Processing Integration Results



Manual Integration Results

RT: 14.34
Area: 4155334
Amount: 5206.8044
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:27:02
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins FGS, Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a021.D
Lims ID: std11
Client ID:
Sample Type: IC Calib Level: 11
Inject. Date: 05-Oct-2021 19:00:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 11
Operator ID: TL Instrument ID: SEA101
Sublist: chrom-8270_SIM_SEA101*sub12

Method: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 22-Oct-2021 13:12:51 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: limmere Date: 06-Oct-2021 10:28:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.502	5.507	-0.005	1	55923	100.0	100.0	a
* 2 Naphthalene-d8	136	6.636	6.636	0.000	1	72508	100.0	100.0	
* 3 Acenaphthene-d10	164	8.093	8.098	-0.005	1	36707	100.0	100.0	
* 4 Phenanthrene-d10	188	9.307	9.312	-0.005	1	57606	100.0	100.0	
* 5 Chrysene-d12	240	11.502	11.502	0.000	1	49709	100.0	100.0	
* 6 Perylene-d12	264	13.018	13.023	-0.005	1	53643	100.0	100.0	
$ 7 2-methylnaphthalene-d10	152	7.212	7.217	-0.005	100	868733	2000.0	2034.3	
$ 8 2-Fluorobiphenyl	172	7.549	7.554	-0.005	1	1051612	2000.0	2066.2	
$ 9 2,4,6-Tribromophenol	330	8.744	8.750	-0.006	1	191010	2000.0	2152.1	
$ 10 Fluoranthene-d10 (Surr)	212	10.285	10.290	-0.005	100	1349219	2000.0	2118.6	
$ 11 Terphenyl-d14	244	10.624	10.629	-0.005	1	931860	2000.0	2142.7	
12 Naphthalene	128	6.651	6.656	-0.005	1	1515312	2000.0	2122.5	
13 2-Methylnaphthalene	142	7.238	7.243	-0.005	1	1034860	2000.0	2303.0	
14 1-Methylnaphthalene	142	7.320	7.319	0.001	1	948819	2000.0	1849.6	
15 Acenaphthylene	152	7.978	7.978	0.000	1	1536225	2000.0	2192.5	a
16 Acenaphthene	153	8.117	8.122	-0.005	5	946620	2000.0	1911.1	
17 Fluorene	166	8.544	8.549	-0.005	1	1035105	2000.0	2048.1	
18 Pentachlorophenol	266	9.164	9.175	-0.011	1	320061	4000.0	4386.4	
19 Phenanthrene	178	9.329	9.329	0.000	1	1444600	2000.0	2220.3	
20 Anthracene	178	9.373	9.373	0.000	1	1533614	2000.0	2108.2	
21 Fluoranthene	202	10.299	10.303	-0.004	1	1571200	2000.0	2156.1	
22 Pyrene	202	10.484	10.489	-0.005	22	1630886	2000.0	2123.0	
23 Benzo[a]anthracene	228	11.485	11.491	-0.006	1	1406607	2000.0	2259.2	
24 Chrysene	228	11.523	11.523	0.000	1	1498062	2000.0	1834.4	
25 Benzo[b]fluoranthene	252	12.574	12.580	-0.006	1	1398252	2000.0	2242.8	
26 Benzo[k]fluoranthene	252	12.607	12.612	-0.005	1	1710761	2000.0	1914.2	
27 Benzo[a]pyrene	252	12.942	12.953	-0.011	1	1451408	2000.0	2024.7	
28 Indeno[1,2,3-cd]pyrene	276	14.299	14.310	-0.011	1	1370453	2000.0	2337.8	M
29 Dibenz(a,h)anthracene	278	14.337	14.342	-0.005	1	1562417	2000.0	2147.6	a
30 Benzo[g,h,i]perylene	276	14.628	14.634	-0.006	6	1724867	2000.0	1999.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8270_ic_stk_00062	Amount Added:	20.00	Units: uL
8270SIM_IS_00069	Amount Added:	10.00	Units: uL

Report Date: 22-Oct-2021 13:12:52 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins FGS, Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a021.D

Injection Date: 05-Oct-2021 19:00:30 Instrument ID: SEA101

Lims ID: std11

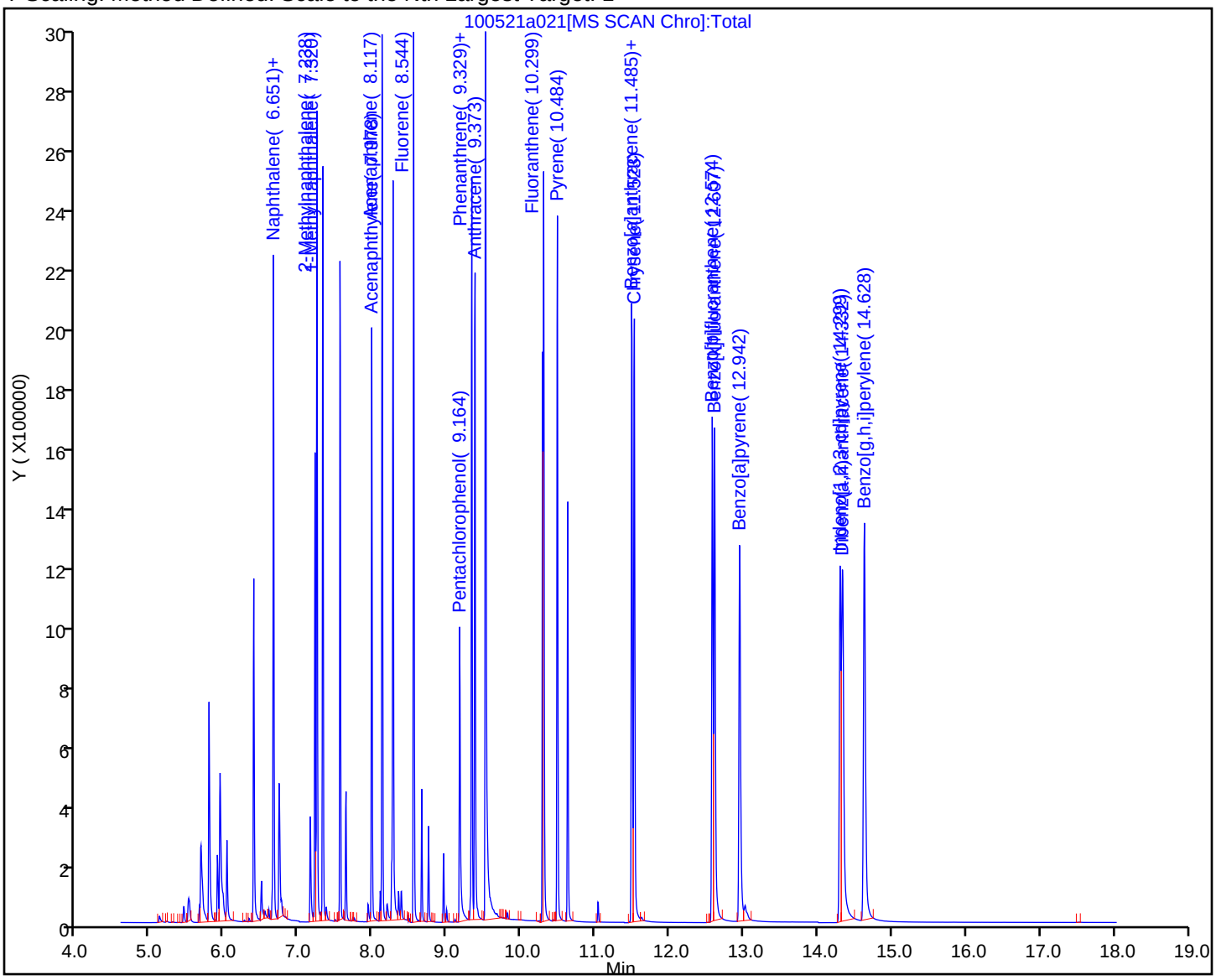
Client ID:

Operator ID: TL ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

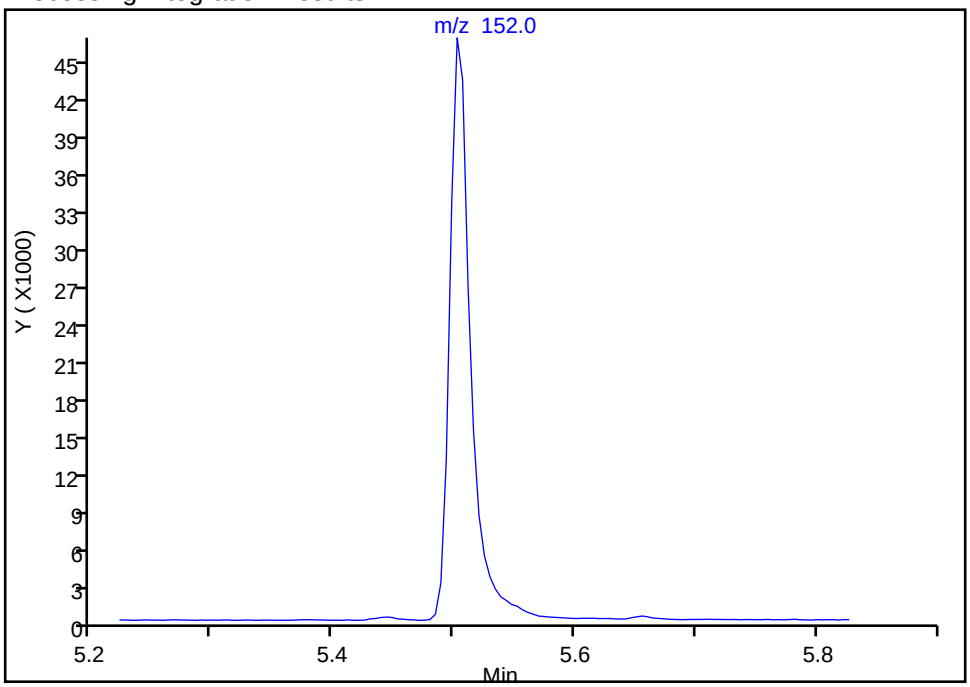
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a021.D
Injection Date: 05-Oct-2021 19:00:30 Instrument ID: SEA101
Lims ID: std11
Client ID:
Operator ID: TL ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

* 1 1,4-Dichlorobenzene-d4, CAS: 3855-82-1

Signal: 1

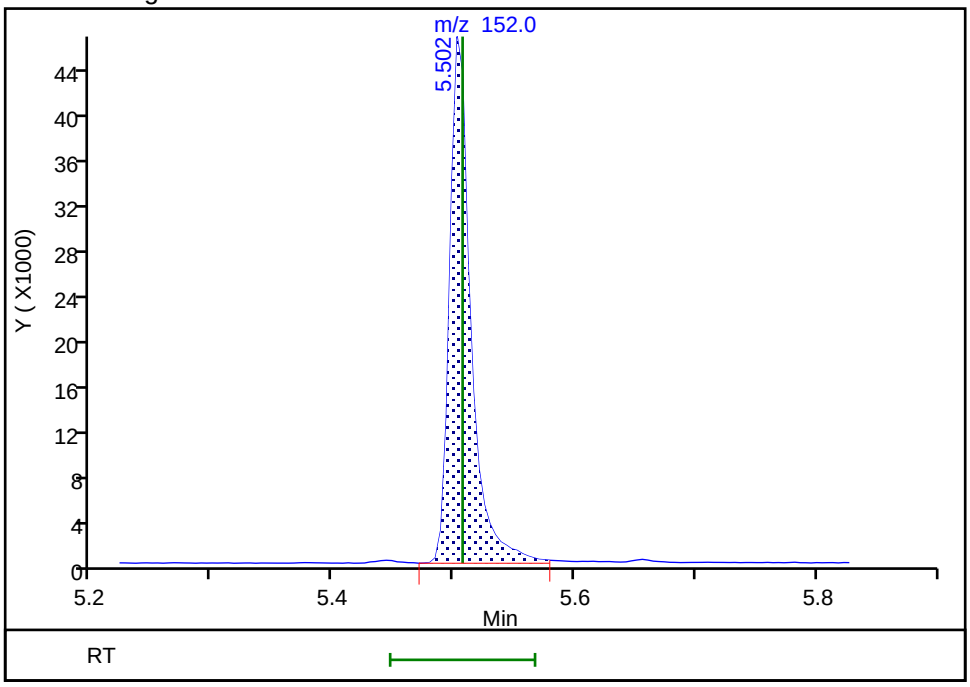
Not Detected
Expected RT: 5.51

Processing Integration Results



Manual Integration Results

RT: 5.50
Area: 55923
Amount: 100.0000
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:27:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

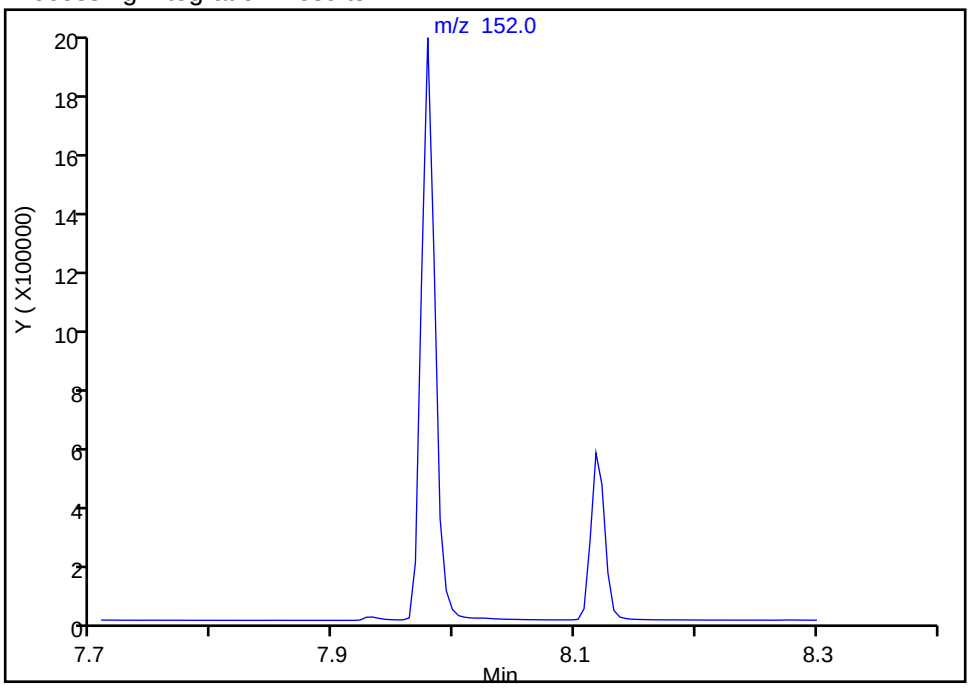
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a021.D
Injection Date: 05-Oct-2021 19:00:30 Instrument ID: SEA101
Lims ID: std11
Client ID:
Operator ID: TL ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

15 Acenaphthylene, CAS: 208-96-8

Signal: 1

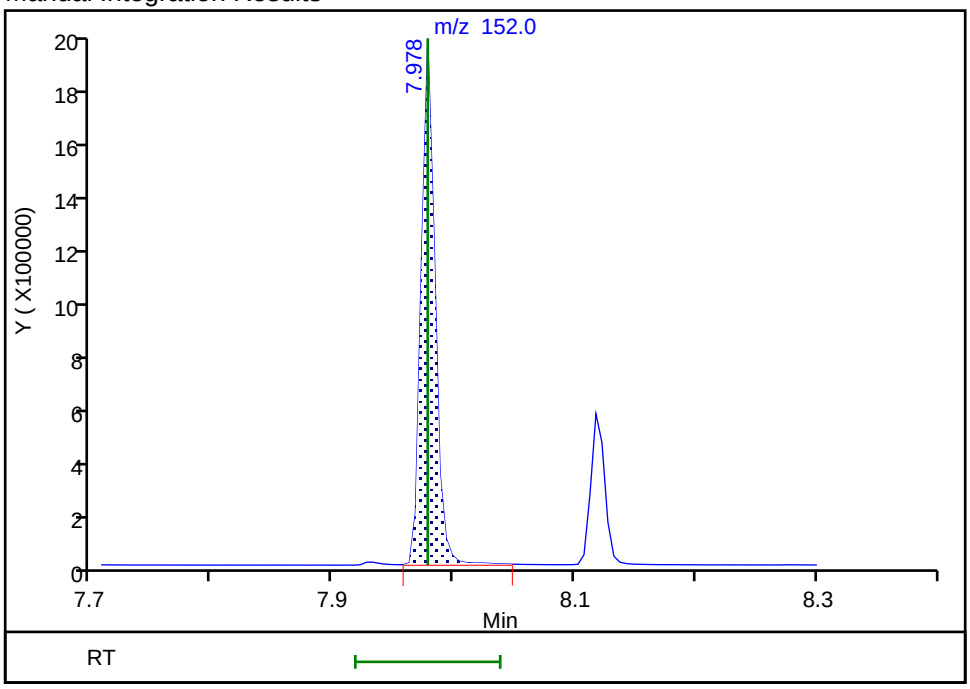
Not Detected
Expected RT: 7.98

Processing Integration Results



Manual Integration Results

RT: 7.98
Area: 1536225
Amount: 2192.4796
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:27:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

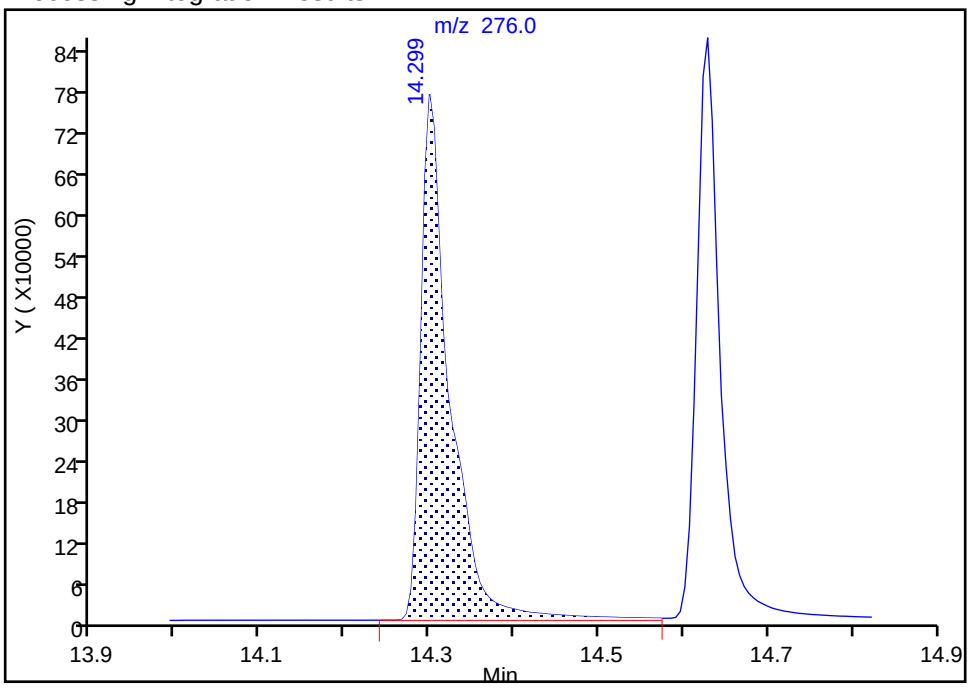
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a021.D
Injection Date: 05-Oct-2021 19:00:30 Instrument ID: SEA101
Lims ID: std11
Client ID:
Operator ID: TL ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

28 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

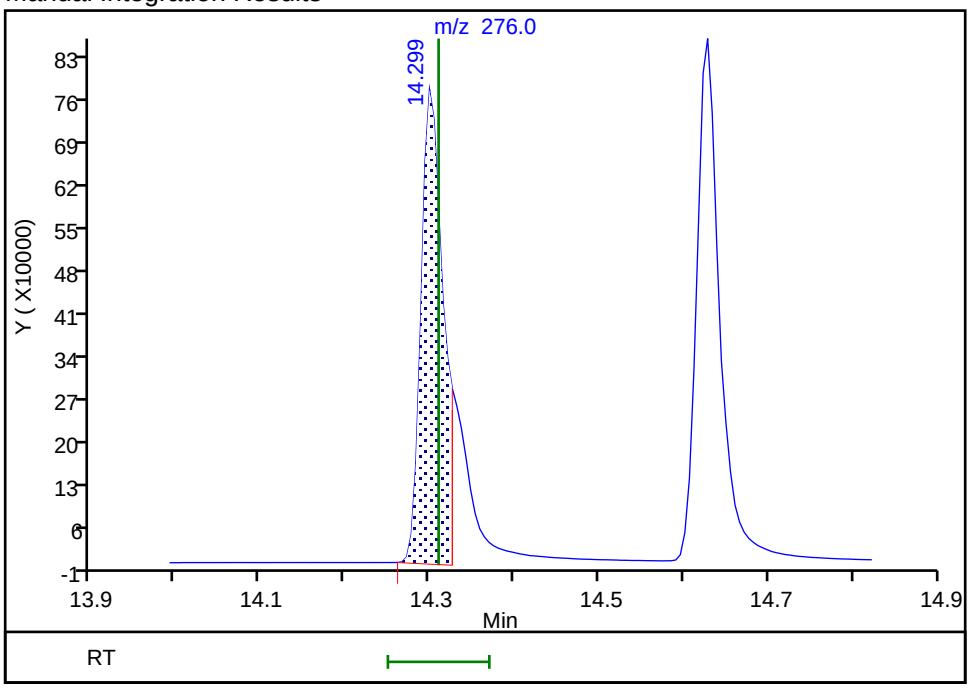
Processing Integration Results

RT: 14.30
Area: 1830764
Amount: 2448.8260
Amount Units: ug/L



Manual Integration Results

RT: 14.30
Area: 1370453
Amount: 2337.8152
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:28:05
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

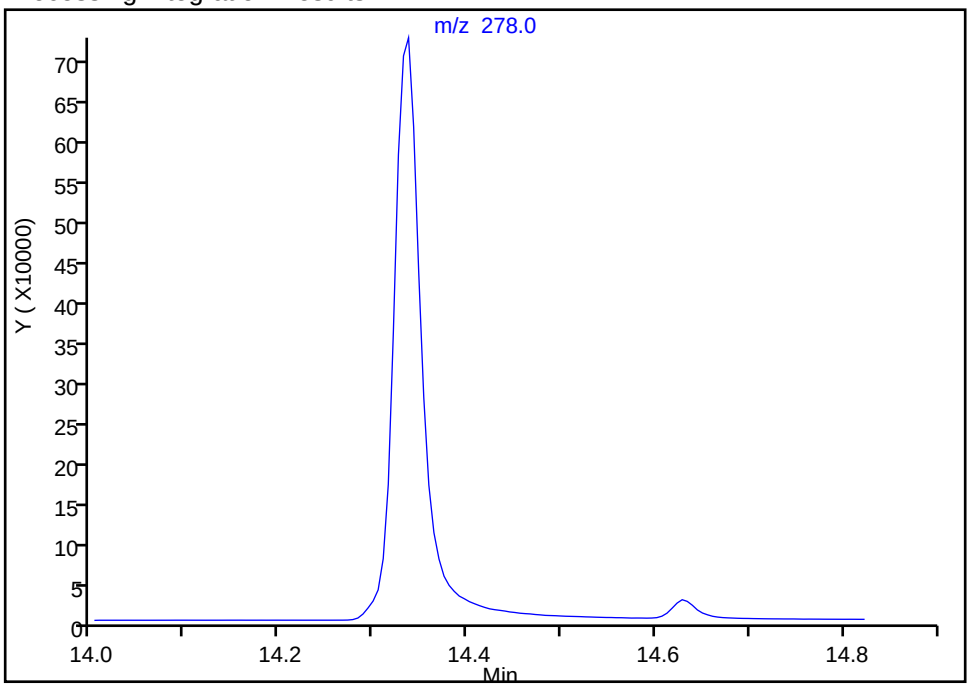
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a021.D				
Injection Date:	05-Oct-2021 19:00:30	Instrument ID:	SEA101		
Lims ID:	std11				
Client ID:					
Operator ID:	TL	ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

29 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

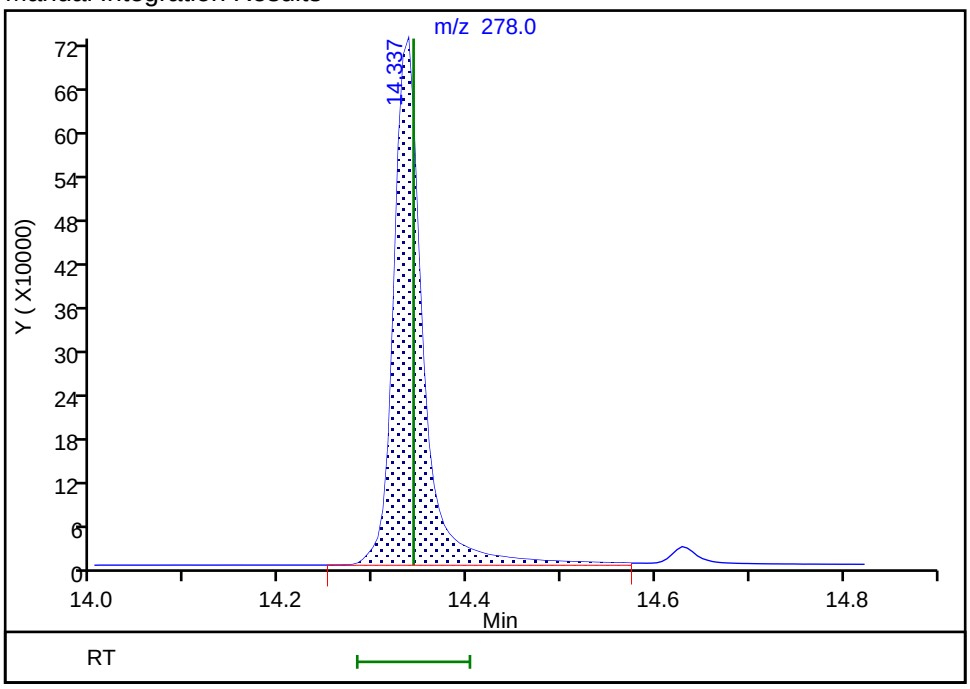
Not Detected
Expected RT: 14.34

Processing Integration Results



Manual Integration Results

RT: 14.34
Area: 1562417
Amount: 2147.6047
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:28:09
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins FGS, Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a022.D
Lims ID: std10
Client ID:
Sample Type: IC Calib Level: 10
Inject. Date: 05-Oct-2021 19:25:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 10
Operator ID: TL Instrument ID: SEA101
Sublist: chrom-8270_SIM_SEA101*sub12

Method: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 22-Oct-2021 13:12:53 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: limmere Date: 06-Oct-2021 10:29:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.502	5.507	-0.005	1	61901	100.0	100.0	
* 2 Naphthalene-d8	136	6.636	6.636	0.000	1	80182	100.0	100.0	
* 3 Acenaphthene-d10	164	8.093	8.098	-0.005	1	40353	100.0	100.0	
* 4 Phenanthrene-d10	188	9.312	9.312	0.000	1	64625	100.0	100.0	
* 5 Chrysene-d12	240	11.501	11.502	-0.001	1	55332	100.0	100.0	
* 6 Perylene-d12	264	13.023	13.023	0.000	1	55866	100.0	100.0	
$ 7 2-methylnaphthalene-d10	152	7.212	7.217	-0.005	99	434872	1000.0	920.9	
$ 8 2-Fluorobiphenyl	172	7.554	7.554	0.000	1	517627	1000.0	925.2	
$ 9 2,4,6-Tribromophenol	330	8.744	8.750	-0.006	1	92731	1000.0	1015.6	
$ 10 Fluoranthene-d10 (Surr)	212	10.285	10.290	-0.005	100	666206	1000.0	932.5	
$ 11 Terphenyl-d14	244	10.624	10.629	-0.005	1	466584	1000.0	956.3	
12 Naphthalene	128	6.651	6.656	-0.005	1	763265	1000.0	965.3	
13 2-Methylnaphthalene	142	7.238	7.243	-0.005	1	521211	1000.0	1048.9	
14 1-Methylnaphthalene	142	7.319	7.319	0.000	1	485237	1000.0	855.4	
15 Acenaphthylene	152	7.978	7.978	0.000	1	767515	1000.0	996.4	a
16 Acenaphthene	153	8.117	8.122	-0.005	6	484478	1000.0	889.7	
17 Fluorene	166	8.544	8.549	-0.005	1	526619	1000.0	947.8	
18 Pentachlorophenol	266	9.169	9.175	-0.006	1	138599	2000.0	2026.0	
19 Phenanthrene	178	9.329	9.329	0.000	1	728513	1000.0	998.1	
20 Anthracene	178	9.373	9.373	0.000	1	770560	1000.0	942.3	
21 Fluoranthene	202	10.299	10.303	-0.004	1	795705	1000.0	973.3	
22 Pyrene	202	10.484	10.489	-0.005	22	822161	1000.0	954.0	
23 Benzo[a]anthracene	228	11.491	11.491	0.000	1	659680	1000.0	1049.3	
24 Chrysene	228	11.523	11.523	0.000	1	778847	1000.0	806.2	
25 Benzo[b]fluoranthene	252	12.580	12.580	0.000	1	632411	1000.0	975.1	
26 Benzo[k]fluoranthene	252	12.607	12.612	-0.005	1	897533	1000.0	938.6	
27 Benzo[a]pyrene	252	12.948	12.953	-0.005	1	692290	1000.0	927.3	
28 Indeno[1,2,3-cd]pyrene	276	14.305	14.310	-0.005	1	594530	1000.0	973.8	M
29 Dibenz(a,h)anthracene	278	14.337	14.342	-0.005	1	753179	1000.0	992.9	a
30 Benzo[g,h,i]perylene	276	14.628	14.634	-0.006	6	848784	1000.0	944.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ccv_8270_1000_00057 Amount Added: 1.00 Units: mL

Report Date: 22-Oct-2021 13:12:53 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins FGS, Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a022.D

Injection Date: 05-Oct-2021 19:25:30 Instrument ID: SEA101

Lims ID: std10

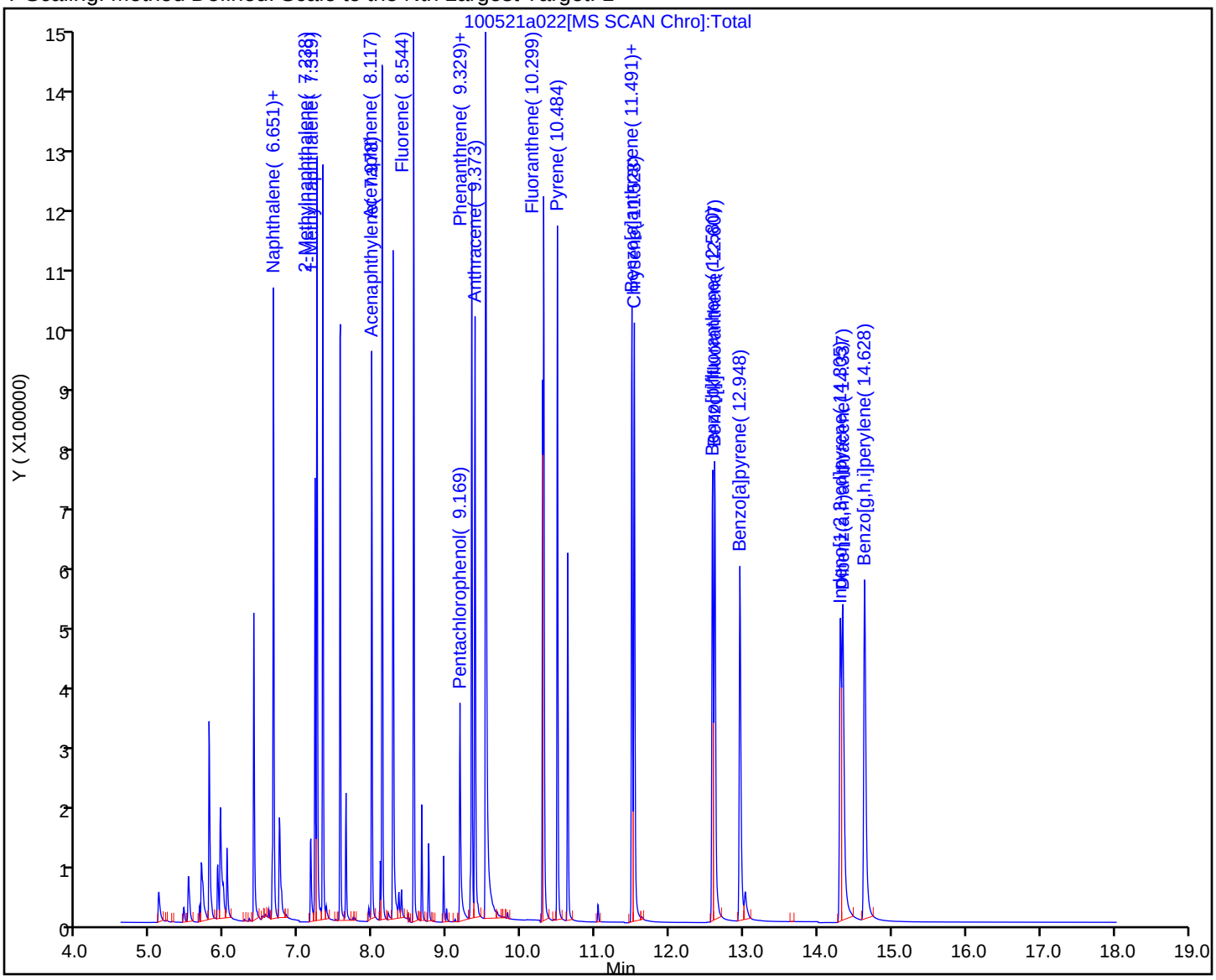
Client ID:

Operator ID: TL ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

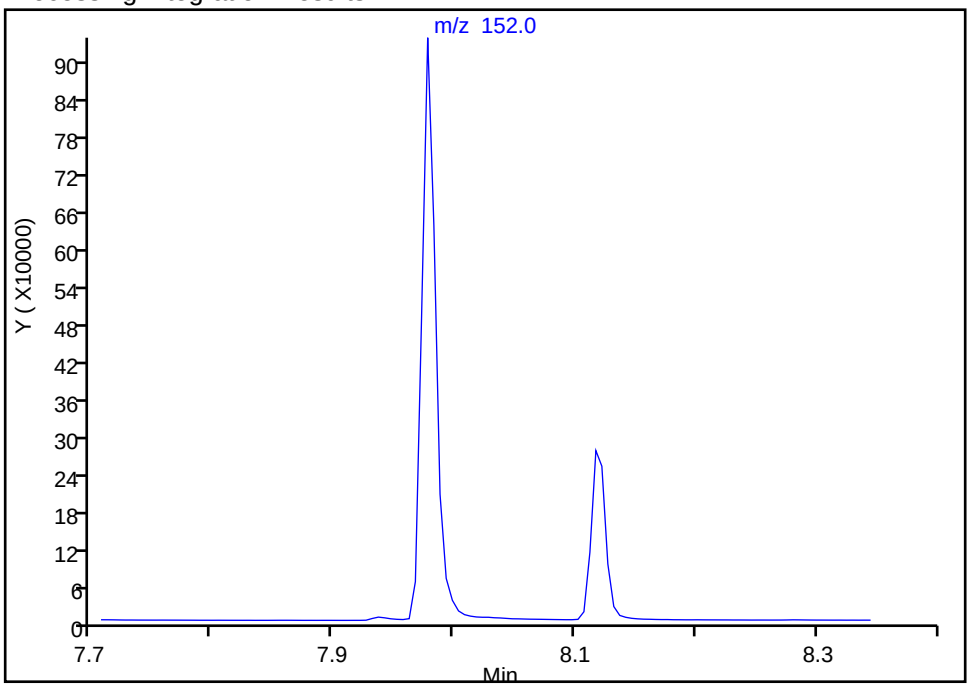
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a022.D
Injection Date: 05-Oct-2021 19:25:30 Instrument ID: SEA101
Lims ID: std10
Client ID:
Operator ID: TL ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

15 Acenaphthylene, CAS: 208-96-8

Signal: 1

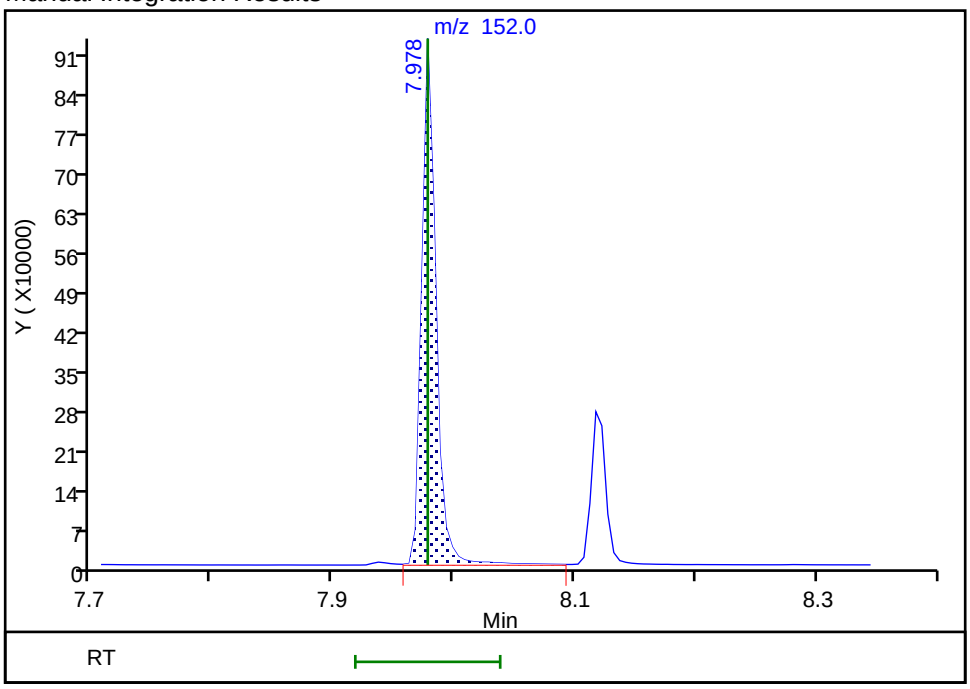
Not Detected
Expected RT: 7.98

Processing Integration Results



Manual Integration Results

RT: 7.98
Area: 767515
Amount: 996.4160
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:28:28
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

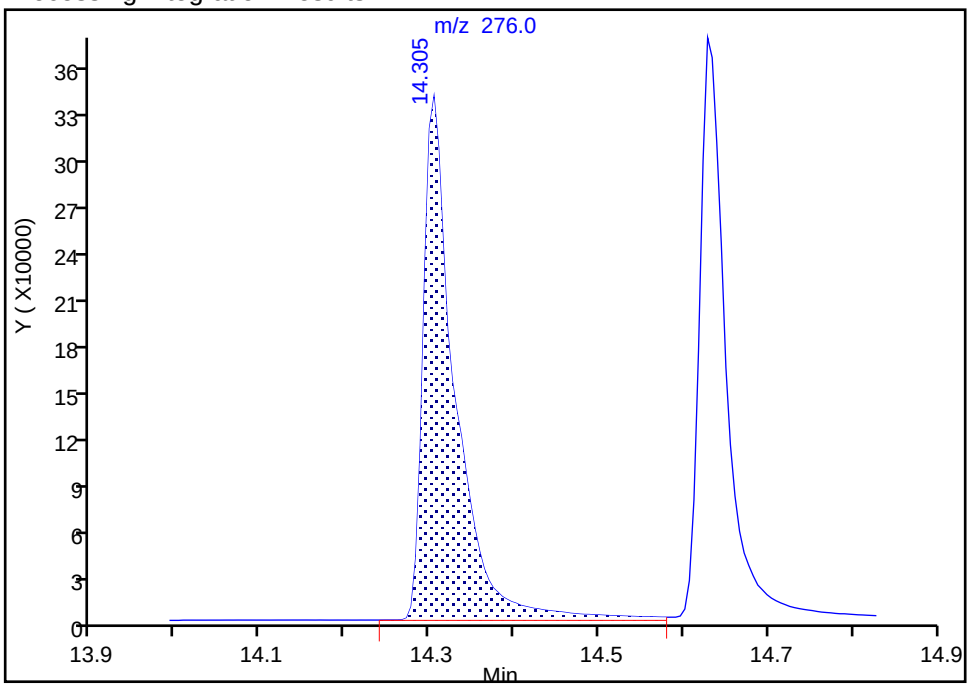
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a022.D
Injection Date: 05-Oct-2021 19:25:30 Instrument ID: SEA101
Lims ID: std10
Client ID:
Operator ID: TL ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

28 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

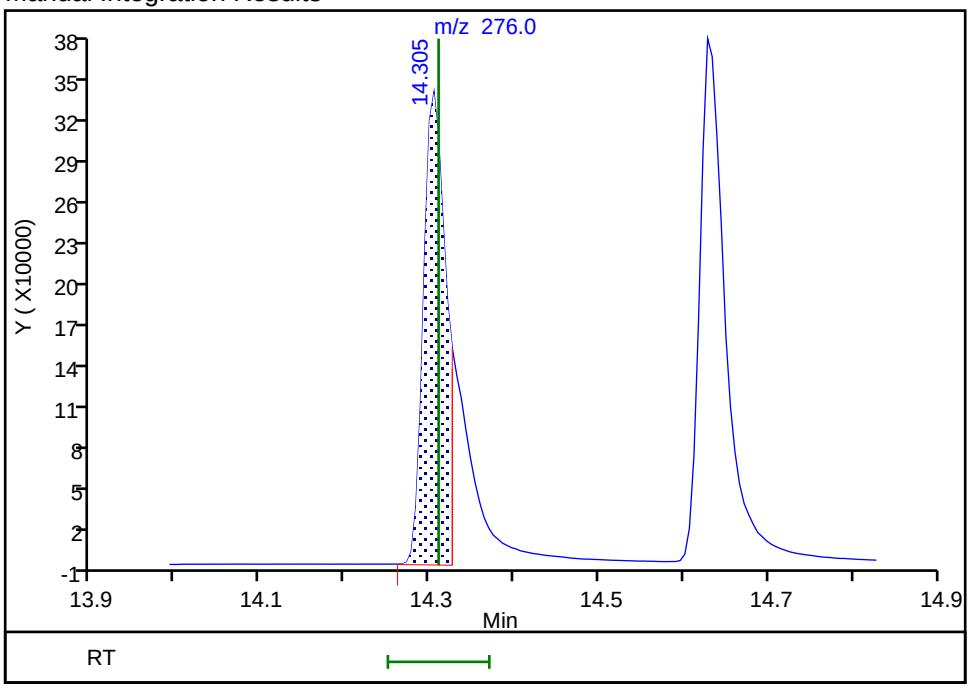
Processing Integration Results

RT: 14.30
Area: 879952
Amount: 1157.5996
Amount Units: ug/L



Manual Integration Results

RT: 14.30
Area: 594530
Amount: 973.8348
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:28:59
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

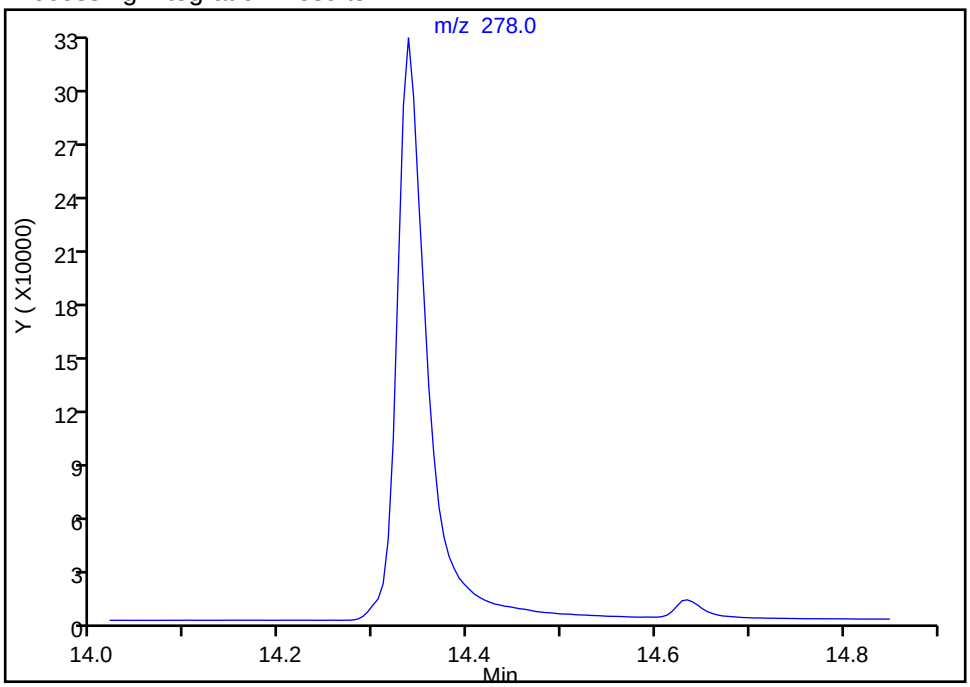
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a022.D
Injection Date: 05-Oct-2021 19:25:30 Instrument ID: SEA101
Lims ID: std10
Client ID:
Operator ID: TL ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

29 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

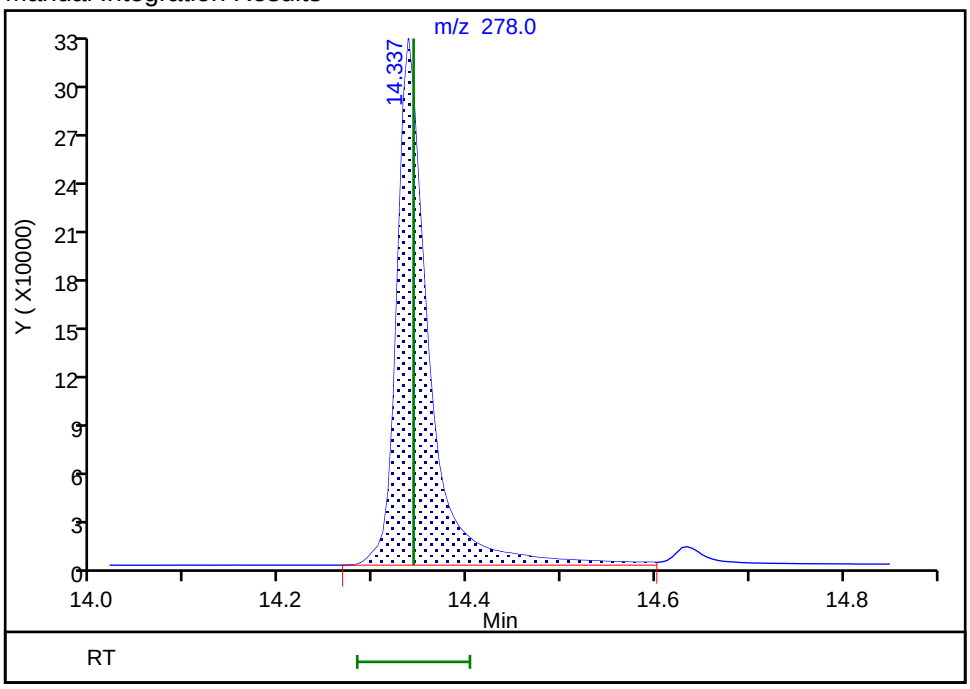
Not Detected
Expected RT: 14.34

Processing Integration Results



Manual Integration Results

RT: 14.34
Area: 753179
Amount: 992.9245
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:29:04
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins FGS, Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a023.D
Lims ID: std9is
Client ID:
Sample Type: ICIS Calib Level: 9
Inject. Date: 05-Oct-2021 19:49:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 9is
Operator ID: TL Instrument ID: SEA101
Sublist: chrom-8270_SIM_SEA101*sub12

Method: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 22-Oct-2021 13:12:54 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: boylea Date: 22-Oct-2021 02:01:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.507	5.507	0.000	1	56558	100.0	100.0	
* 2 Naphthalene-d8	136	6.636	6.636	0.000	1	73042	100.0	100.0	
* 3 Acenaphthene-d10	164	8.097	8.097	0.000	1	36110	100.0	100.0	
* 4 Phenanthrene-d10	188	9.312	9.312	0.000	1	58783	100.0	100.0	
* 5 Chrysene-d12	240	11.501	11.501	0.000	1	47308	100.0	100.0	
* 6 Perylene-d12	264	13.023	13.023	0.000	1	48657	100.0	100.0	
$ 7 2-methylnaphthalene-d10	152	7.217	7.217	0.000	100	201898	500.0	469.3	
$ 8 2-Fluorobiphenyl	172	7.554	7.554	0.000	1	236979	500.0	473.3	
$ 9 2,4,6-Tribromophenol	330	8.750	8.750	0.000	1	40899	500.0	518.0	
$ 10 Fluoranthene-d10 (Surr)	212	10.290	10.290	0.000	100	307671	500.0	473.5	
$ 11 Terphenyl-d14	244	10.629	10.629	0.000	1	215404	500.0	485.4	
12 Naphthalene	128	6.656	6.656	0.000	1	364590	500.0	504.9	
13 2-Methylnaphthalene	142	7.243	7.243	0.000	1	246576	500.0	544.7	
14 1-Methylnaphthalene	142	7.319	7.319	0.000	1	235558	500.0	455.8	
15 Acenaphthylene	152	7.983	7.983	0.000	1	359032	500.0	520.9	a
16 Acenaphthene	153	8.122	8.122	0.000	3	233024	500.0	478.2	
17 Fluorene	166	8.549	8.549	0.000	1	247100	500.0	497.0	
18 Pentachlorophenol	266	9.175	9.175	0.000	1	52538	1000.0	936.8	
19 Phenanthrene	178	9.329	9.329	0.000	1	332790	500.0	501.2	
20 Anthracene	178	9.373	9.373	0.000	1	361148	500.0	483.8	
21 Fluoranthene	202	10.303	10.303	0.000	1	363667	500.0	489.1	
22 Pyrene	202	10.488	10.488	0.000	22	379547	500.0	484.2	
23 Benzo[a]anthracene	228	11.491	11.491	0.000	1	266831	500.0	520.2	
24 Chrysene	228	11.523	11.523	0.000	1	391863	500.0	464.6	
25 Benzo[b]fluoranthene	252	12.580	12.580	0.000	1	289848	500.0	514.0	
26 Benzo[k]fluoranthene	252	12.612	12.612	0.000	1	400584	500.0	474.0	
27 Benzo[a]pyrene	252	12.953	12.953	0.000	1	312200	500.0	480.1	
28 Indeno[1,2,3-cd]pyrene	276	14.310	14.310	0.000	1	249551	500.0	469.3	M
29 Dibenz(a,h)anthracene	278	14.342	14.342	0.000	1	336544	500.0	508.4	a
30 Benzo[g,h,i]perylene	276	14.634	14.634	0.000	6	382693	500.0	489.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ccv_SIM_500_00084 Amount Added: 1.00 Units: mL

Report Date: 22-Oct-2021 13:12:55 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins FGS, Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a023.D

Injection Date: 05-Oct-2021 19:49:30 Instrument ID: SEA101

Lims ID: std9is

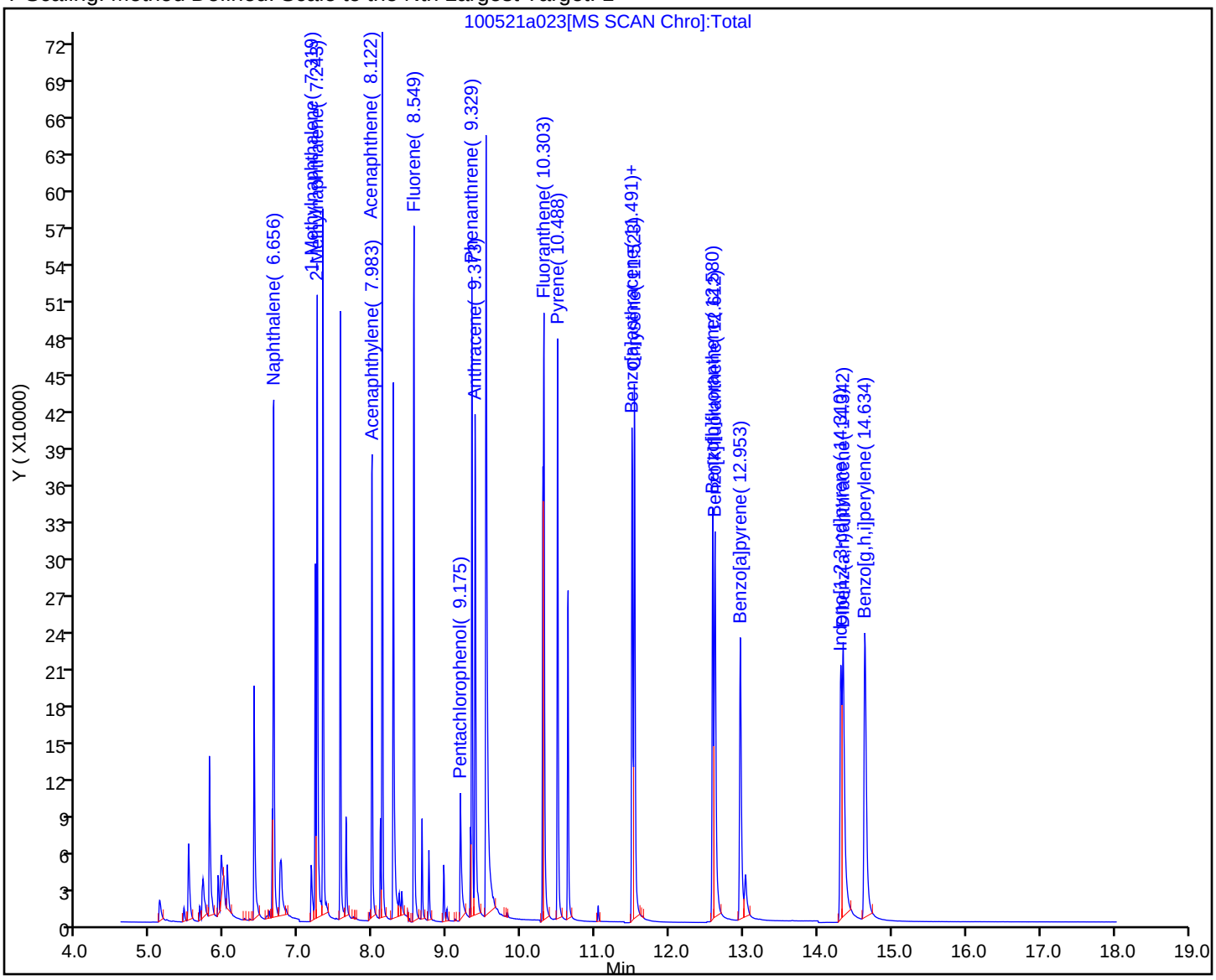
Client ID:

Operator ID: TL ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

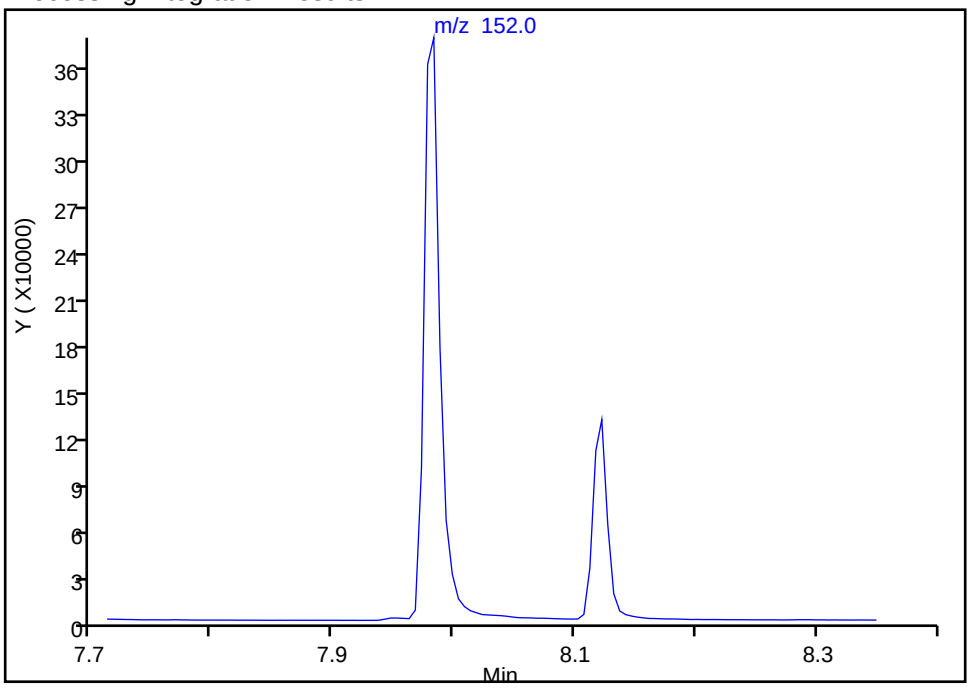
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a023.D
Injection Date: 05-Oct-2021 19:49:30 Instrument ID: SEA101
Lims ID: std9is
Client ID:
Operator ID: TL ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

15 Acenaphthylene, CAS: 208-96-8

Signal: 1

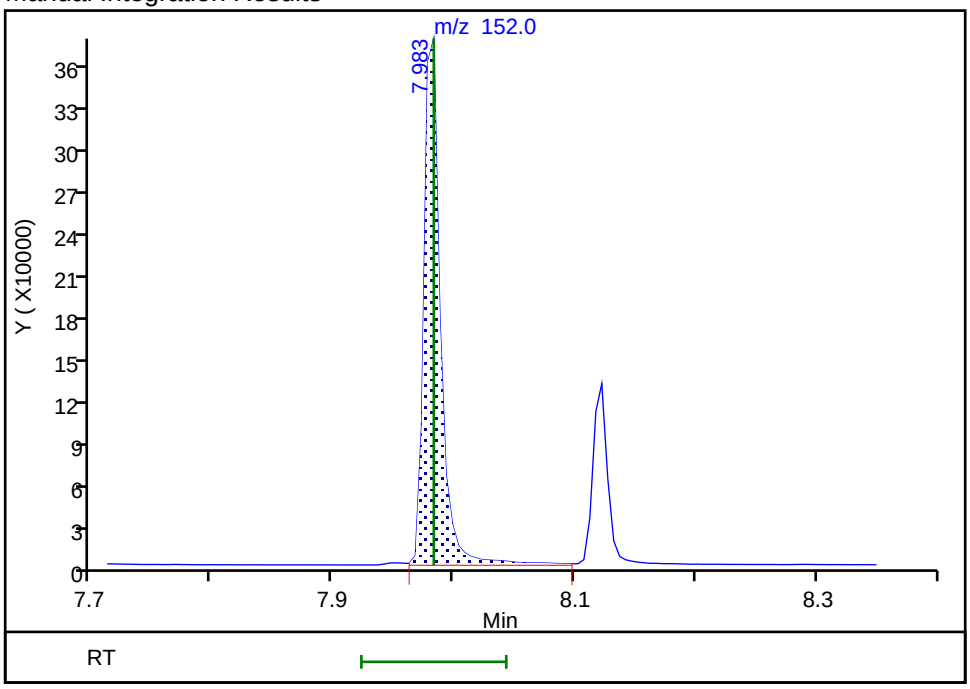
Not Detected
Expected RT: 7.98

Processing Integration Results



Manual Integration Results

RT: 7.98
Area: 359032
Amount: 520.8771
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:29:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

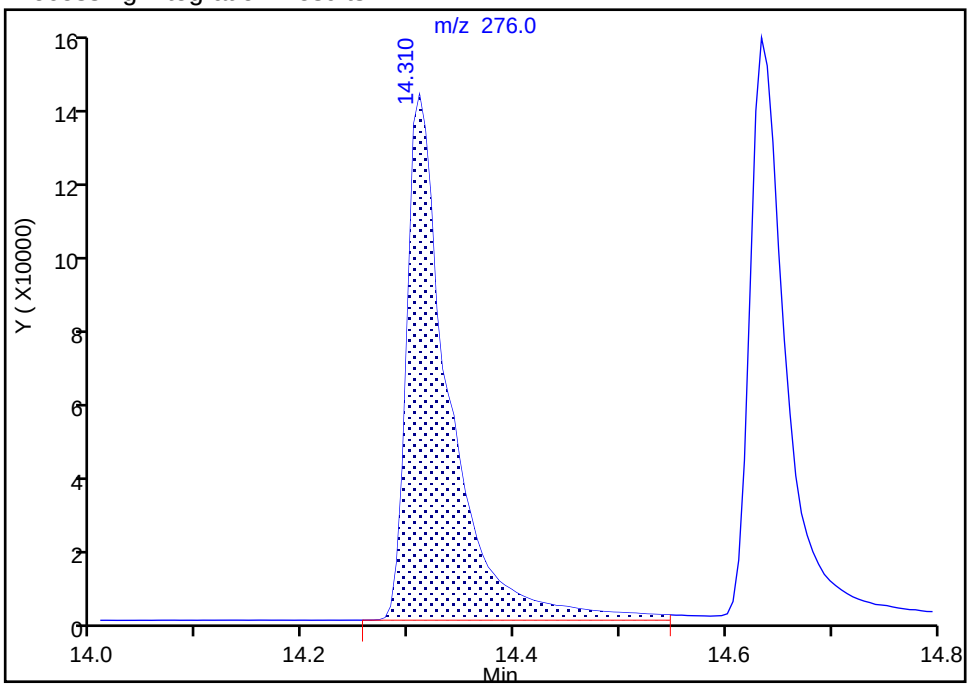
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a023.D				
Injection Date:	05-Oct-2021 19:49:30	Instrument ID:	SEA101		
Lims ID:	std9is				
Client ID:					
Operator ID:	TL	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

28 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

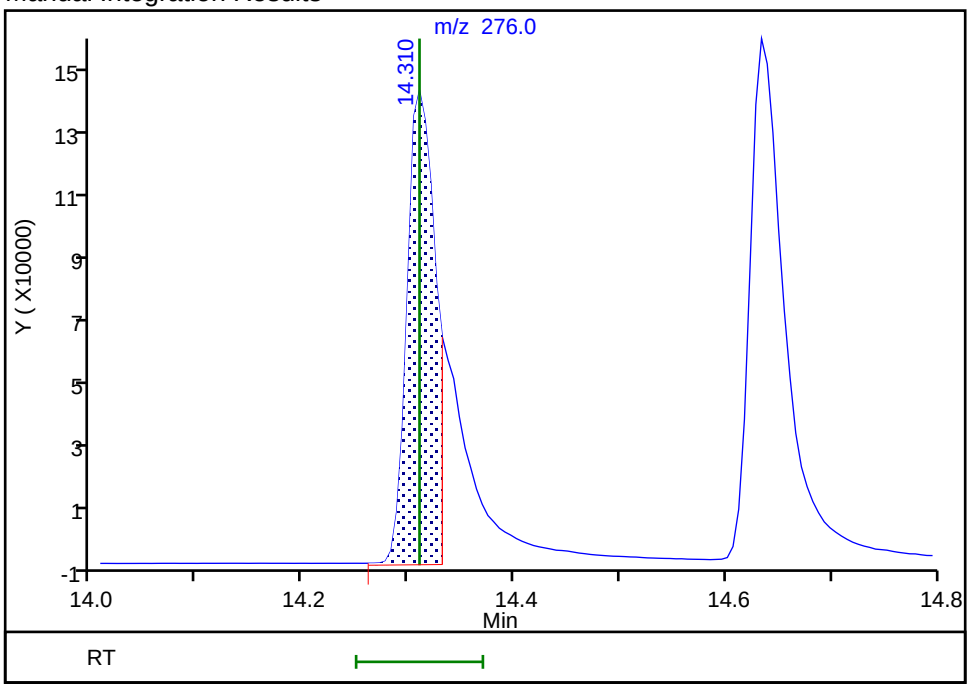
Processing Integration Results

RT: 14.31
Area: 385939
Amount: 600.2730
Amount Units: ug/L



Manual Integration Results

RT: 14.31
Area: 249551
Amount: 469.3243
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:30:30

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

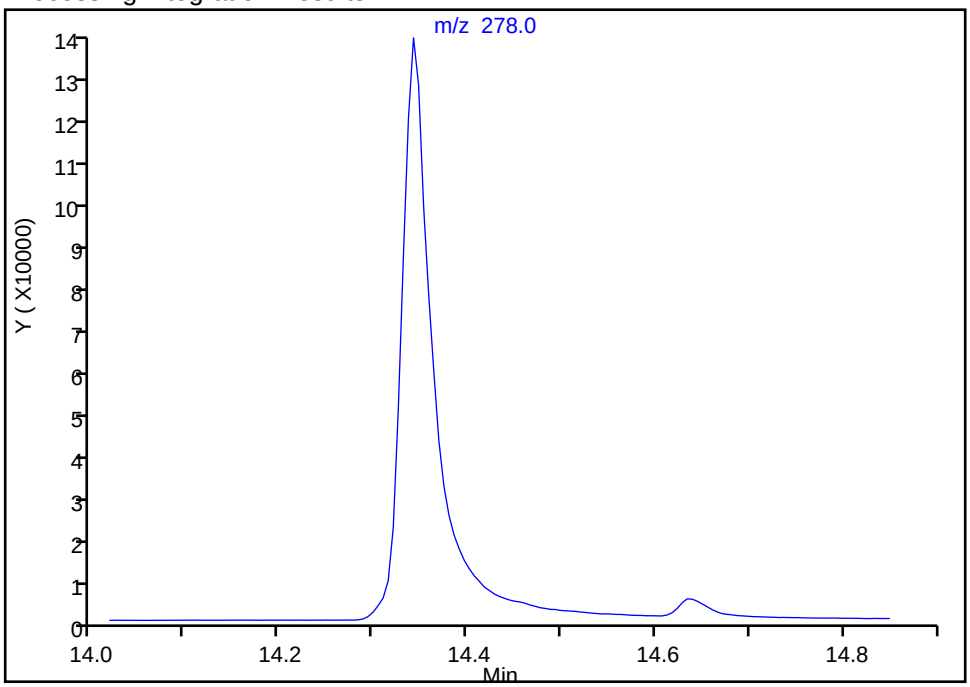
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a023.D
Injection Date: 05-Oct-2021 19:49:30 Instrument ID: SEA101
Lims ID: std9is
Client ID:
Operator ID: TL ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

29 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

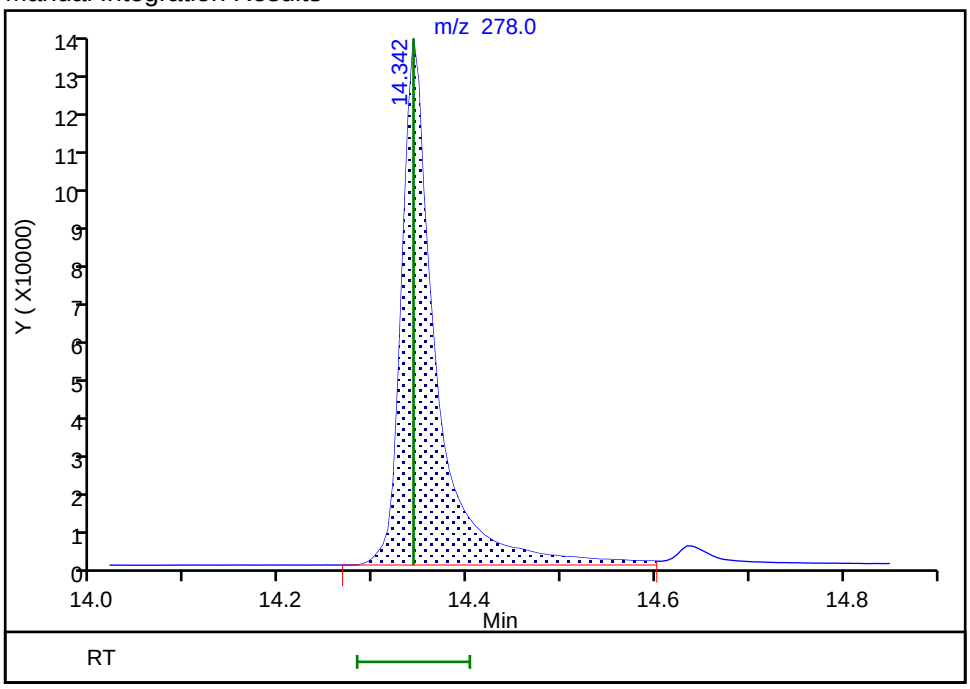
Not Detected
Expected RT: 14.34

Processing Integration Results



Manual Integration Results

RT: 14.34
Area: 336544
Amount: 508.3566
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:30:36
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins FGS, Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a024.D
Lims ID: std8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 05-Oct-2021 20:14:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 8
Operator ID: TL Instrument ID: SEA101
Sublist: chrom-8270_SIM_SEA101*sub12

Method: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 22-Oct-2021 13:12:56 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: boylea Date: 22-Oct-2021 10:40:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.511	5.507	0.004	1	49784	100.0	100.0	
* 2 Naphthalene-d8	136	6.641	6.636	0.005	1	67684	100.0	100.0	
* 3 Acenaphthene-d10	164	8.098	8.097	0.001	1	31787	100.0	100.0	
* 4 Phenanthrene-d10	188	9.318	9.312	0.006	1	52735	100.0	100.0	
* 5 Chrysene-d12	240	11.507	11.501	0.006	1	39839	100.0	100.0	
* 6 Perylene-d12	264	13.029	13.023	0.006	1	40522	100.0	100.0	
$ 7 2-methylnaphthalene-d10	152	7.222	7.217	0.005	100	78763	200.0	197.6	M
$ 8 2-Fluorobiphenyl	172	7.559	7.554	0.005	1	95838	200.0	217.5	Ma
$ 9 2,4,6-Tribromophenol	330	8.761	8.750	0.011	1	13855	200.0	206.4	
$ 10 Fluoranthene-d10 (Surr)	212	10.290	10.290	0.000	100	113041	200.0	193.9	
$ 11 Terphenyl-d14	244	10.633	10.629	0.004	1	78521	200.0	197.2	
12 Naphthalene	128	6.656	6.656	0.000	1	137915	200.0	204.5	
13 2-Methylnaphthalene	142	7.248	7.243	0.005	1	92649	200.0	220.9	
14 1-Methylnaphthalene	142	7.325	7.319	0.006	1	95997	200.0	200.5	
15 Acenaphthylene	152	7.983	7.983	0.000	1	130937	200.0	215.8	a
16 Acenaphthene	153	8.122	8.122	0.000	5	89079	200.0	207.7	
17 Fluorene	166	8.549	8.549	0.000	1	93643	200.0	214.0	
18 Pentachlorophenol	266	9.186	9.175	0.011	1	18295	400.0	393.4	M
19 Phenanthrene	178	9.334	9.329	0.005	1	123750	200.0	207.8	
20 Anthracene	178	9.378	9.373	0.005	1	138458	200.0	204.8	
21 Fluoranthene	202	10.308	10.303	0.005	1	132587	200.0	198.8	
22 Pyrene	202	10.489	10.488	0.001	22	138938	200.0	197.6	
23 Benzo[a]anthracene	228	11.496	11.491	0.005	1	86443	200.0	206.5	
24 Chrysene	228	11.528	11.523	0.005	1	154000	200.0	212.7	
25 Benzo[b]fluoranthene	252	12.585	12.580	0.005	1	93562	200.0	200.4	
26 Benzo[k]fluoranthene	252	12.618	12.612	0.006	1	155705	200.0	218.4	
27 Benzo[a]pyrene	252	12.958	12.953	0.005	1	112141	200.0	207.1	
28 Indeno[1,2,3-cd]pyrene	276	14.321	14.310	0.011	1	78317	200.0	176.9	M
29 Dibenz(a,h)anthracene	278	14.353	14.342	0.011	1	113809	200.0	205.1	a
30 Benzo[g,h,i]perylene	276	14.645	14.634	0.011	6	135848	200.0	208.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8270SIM_IS_00069	Amount Added: 8.00	Units: uL
ccv_8270_1000_00057	Amount Added: 200.00	Units: uL

Report Date: 22-Oct-2021 13:12:58 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins FGS, Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a024.D

Injection Date: 05-Oct-2021 20:14:30 Instrument ID: SEA101

Lims ID: std8

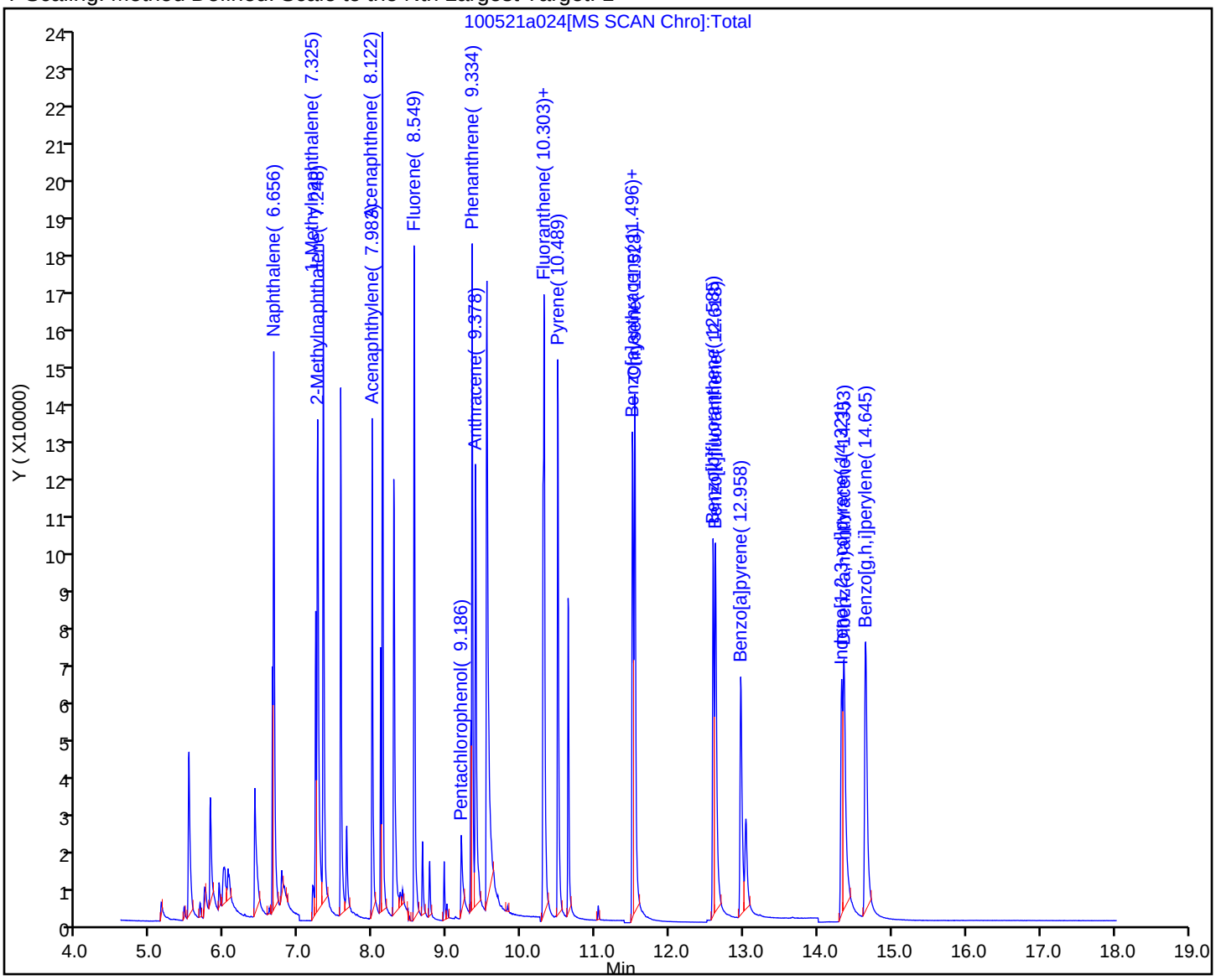
Client ID:

Operator ID: TL ALS Bottle#: 9 Worklist Smp#: 9

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

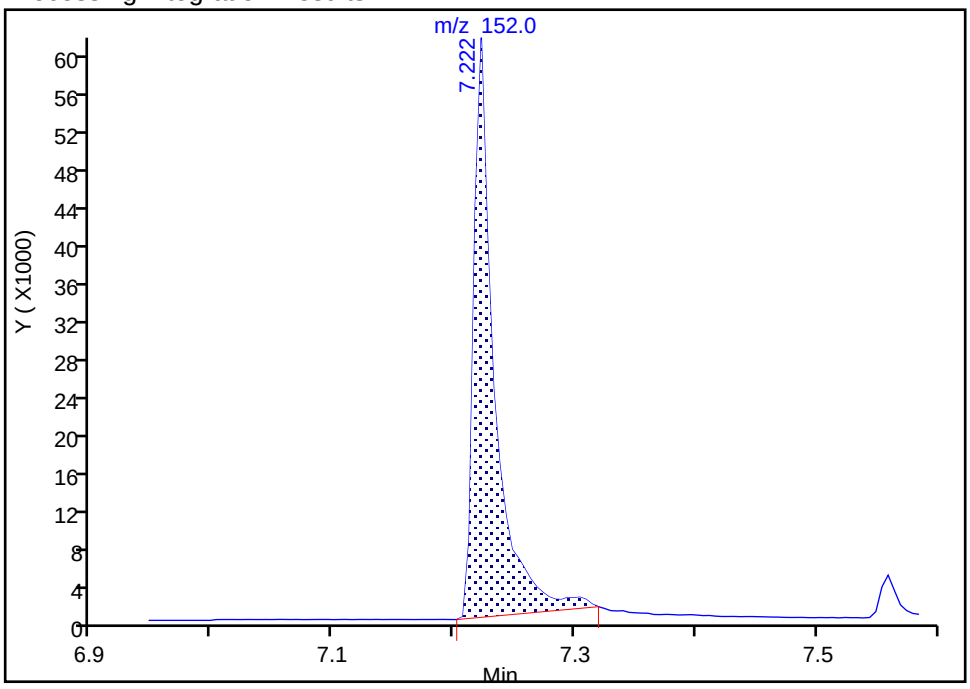
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a024.D
Injection Date: 05-Oct-2021 20:14:30 Instrument ID: SEA101
Lims ID: std8
Client ID:
Operator ID: TL ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 7 2-methylnaphthalene-d10, CAS: 7297-45-2

Signal: 1

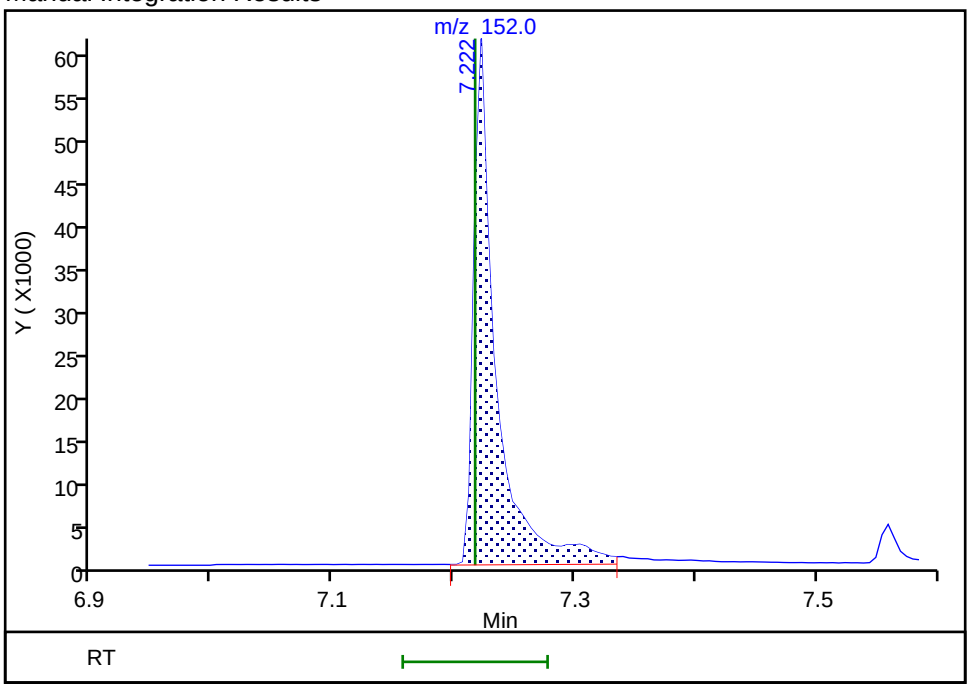
Processing Integration Results

RT: 7.22
Area: 72896
Amount: 196.5390
Amount Units: ug/L



Manual Integration Results

RT: 7.22
Area: 78763
Amount: 197.5801
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:31:06
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

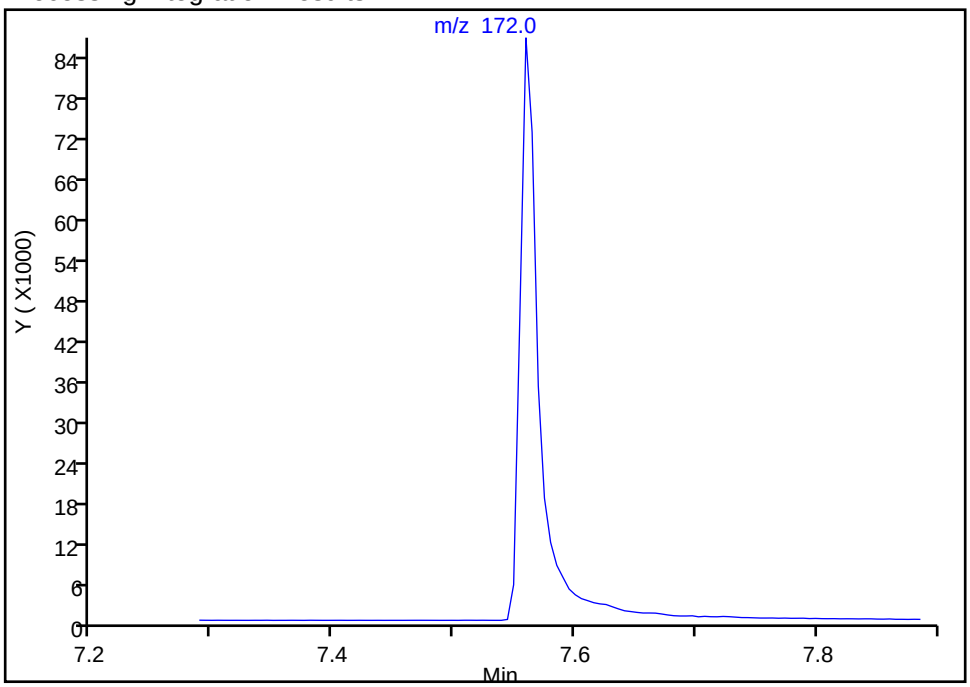
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a024.D
Injection Date: 05-Oct-2021 20:14:30 Instrument ID: SEA101
Lims ID: std8
Client ID:
Operator ID: TL ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 8 2-Fluorobiphenyl, CAS: 321-60-8

Signal: 1

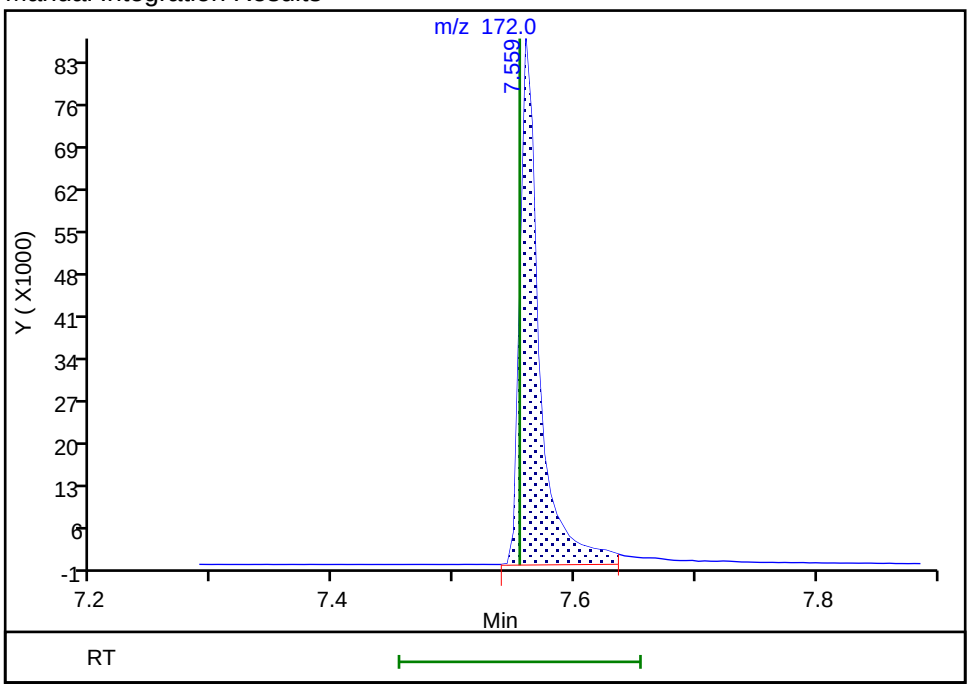
Not Detected
Expected RT: 7.55

Processing Integration Results



Manual Integration Results

RT: 7.56
Area: 95838
Amount: 217.4518
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:31:17
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

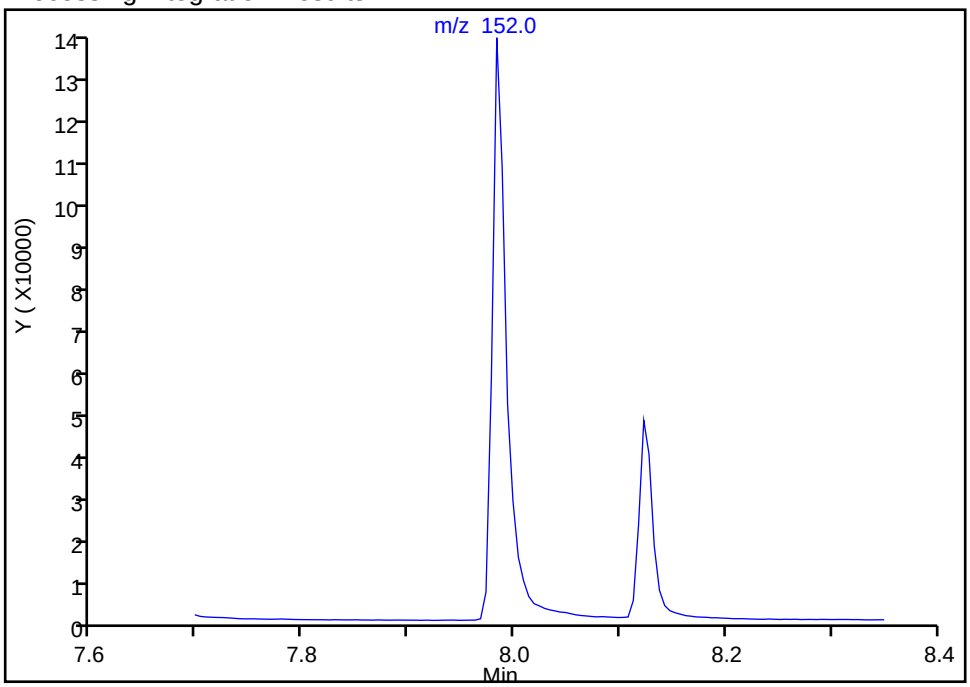
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a024.D
Injection Date: 05-Oct-2021 20:14:30 Instrument ID: SEA101
Lims ID: std8
Client ID:
Operator ID: TL ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

15 Acenaphthylene, CAS: 208-96-8

Signal: 1

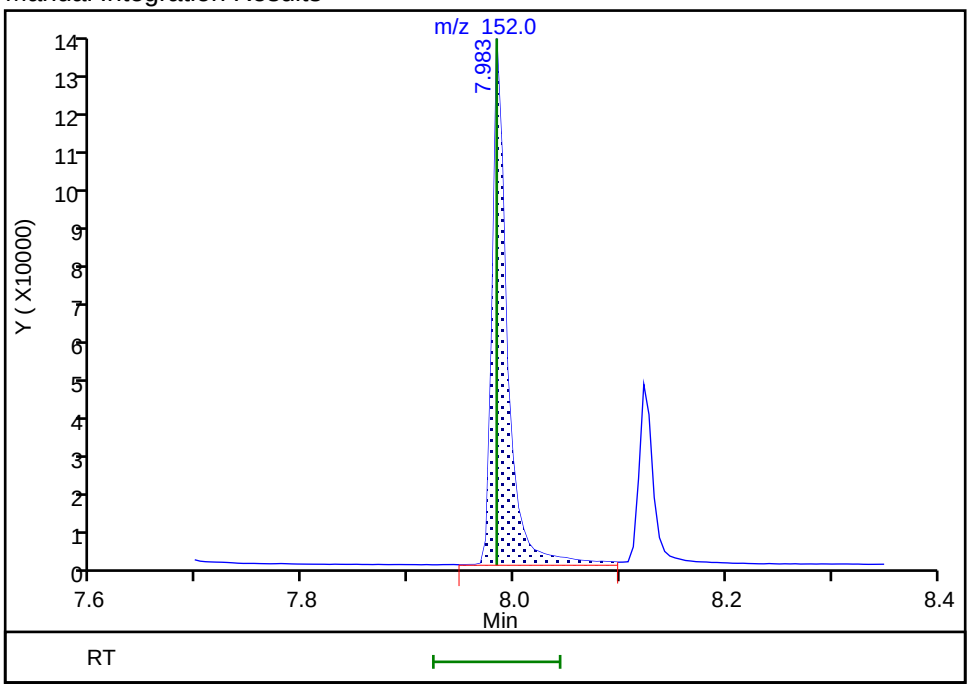
Not Detected
Expected RT: 7.98

Processing Integration Results



Manual Integration Results

RT: 7.98
Area: 130937
Amount: 215.7955
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:31:31
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

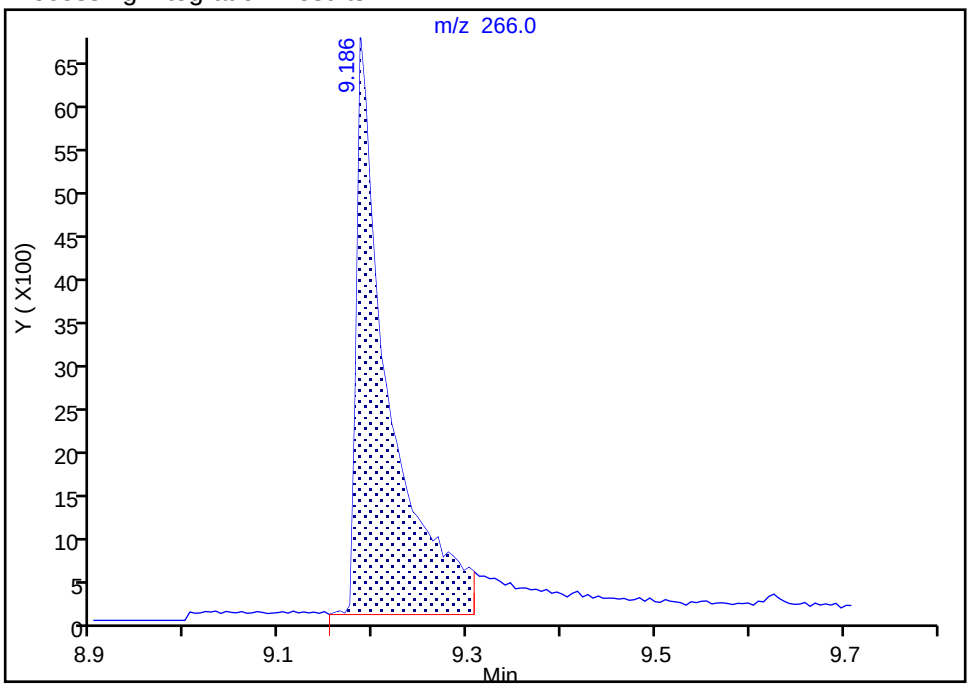
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a024.D
Injection Date: 05-Oct-2021 20:14:30 Instrument ID: SEA101
Lims ID: std8
Client ID:
Operator ID: TL ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

18 Pentachlorophenol, CAS: 87-86-5

Signal: 1

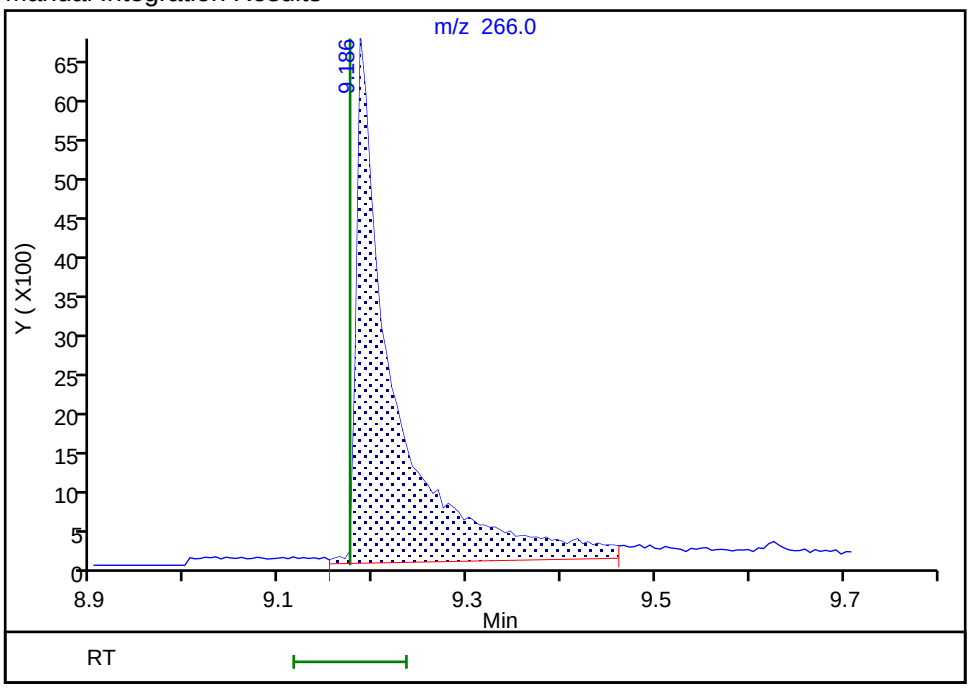
Processing Integration Results

RT: 9.19
Area: 15394
Amount: 297.7819
Amount Units: ug/L



Manual Integration Results

RT: 9.19
Area: 18295
Amount: 393.3897
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:41:44
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

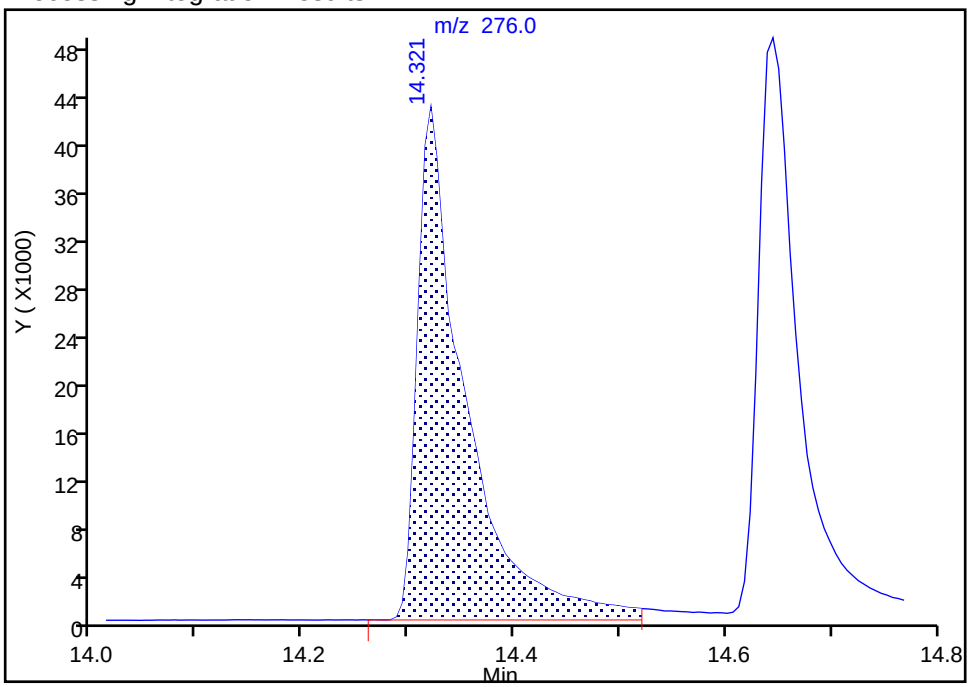
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a024.D
Injection Date: 05-Oct-2021 20:14:30 Instrument ID: SEA101
Lims ID: std8
Client ID:
Operator ID: TL ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

28 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

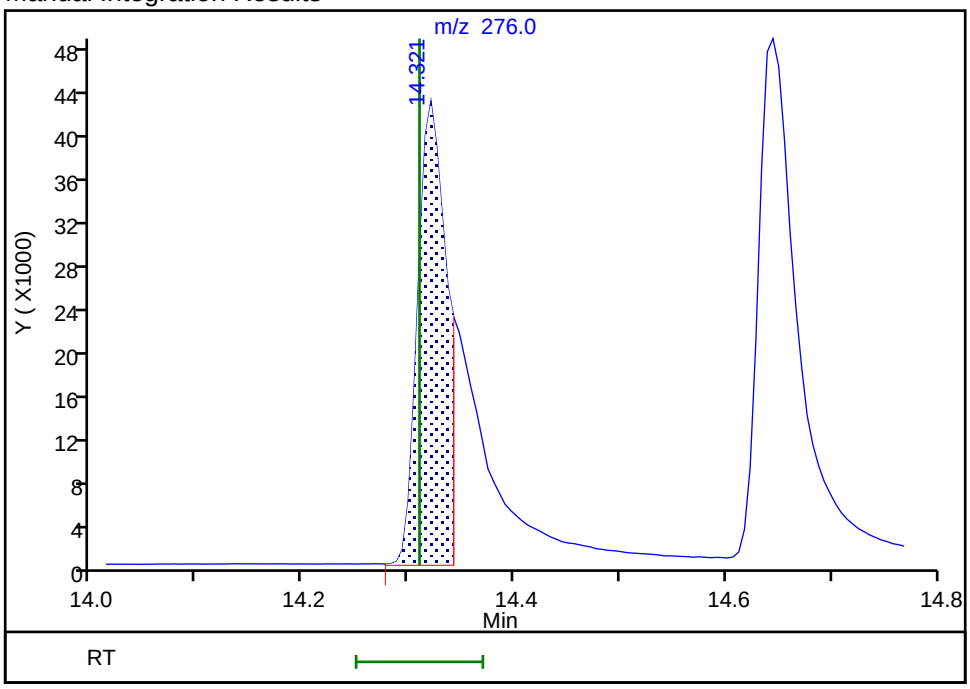
Processing Integration Results

RT: 14.32
Area: 133811
Amount: 258.3368
Amount Units: ug/L



Manual Integration Results

RT: 14.32
Area: 78317
Amount: 176.8578
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:32:00
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

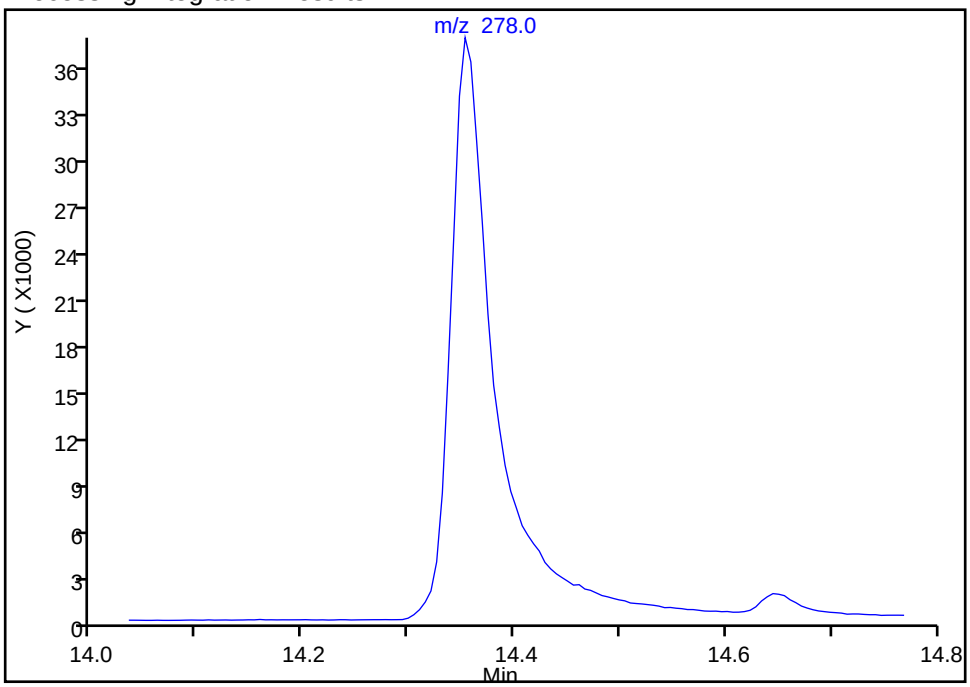
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a024.D
Injection Date: 05-Oct-2021 20:14:30 Instrument ID: SEA101
Lims ID: std8
Client ID:
Operator ID: TL ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

29 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

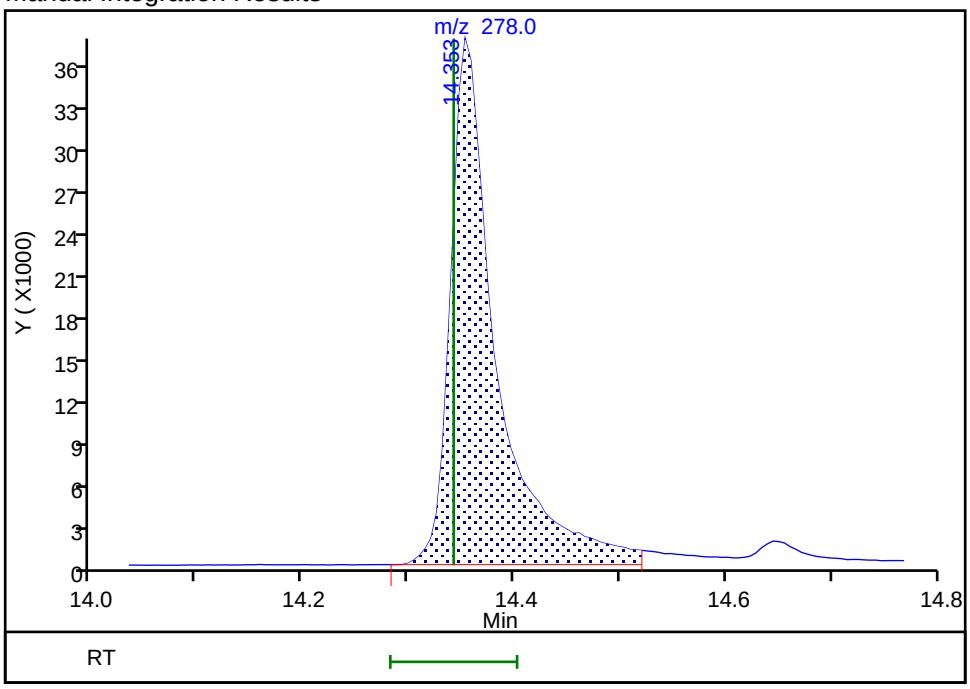
Not Detected
Expected RT: 14.34

Processing Integration Results



Manual Integration Results

RT: 14.35
Area: 113809
Amount: 205.1457
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:32:07
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins FGS, Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a025.D
Lims ID: std7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 05-Oct-2021 20:38:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 7
Operator ID: TL Instrument ID: SEA101
Sublist: chrom-8270_SIM_SEA101*sub12

Method: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 22-Oct-2021 13:12:59 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: limmere Date: 06-Oct-2021 10:33:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.511	5.507	0.004	1	45719	100.0	100.0	
* 2 Naphthalene-d8	136	6.641	6.636	0.005	1	63832	100.0	100.0	
* 3 Acenaphthene-d10	164	8.102	8.097	0.005	1	31502	100.0	100.0	
* 4 Phenanthrene-d10	188	9.318	9.312	0.006	1	49303	100.0	100.0	
* 5 Chrysene-d12	240	11.512	11.501	0.011	1	36164	100.0	100.0	
* 6 Perylene-d12	264	13.034	13.023	0.011	1	36067	100.0	100.0	
$ 7 2-methylnaphthalene-d10	152	7.233	7.217	0.016	100	36034	100.0	95.8	
$ 8 2-Fluorobiphenyl	172	7.569	7.554	0.015	1	43092	100.0	98.7	Ma
$ 9 2,4,6-Tribromophenol	330	8.771	8.750	0.021	1	5744	100.0	90.0	
$ 10 Fluoranthene-d10 (Surr)	212	10.294	10.290	0.004	99	51462	100.0	94.4	
$ 11 Terphenyl-d14	244	10.633	10.629	0.004	1	35729	100.0	96.0	
12 Naphthalene	128	6.661	6.656	0.005	1	68902	100.0	107.1	
13 2-Methylnaphthalene	142	7.258	7.243	0.015	1	43307	100.0	109.5	
14 1-Methylnaphthalene	142	7.330	7.319	0.011	1	51460	100.0	113.9	
15 Acenaphthylene	152	7.988	7.983	0.005	1	60101	100.0	99.9	a
16 Acenaphthene	153	8.127	8.122	0.005	4	44603	100.0	104.9	
17 Fluorene	166	8.560	8.549	0.011	1	44774	100.0	103.2	
18 Pentachlorophenol	266	9.202	9.175	0.027	1	8070	200.0	184.1	M
19 Phenanthrene	178	9.340	9.329	0.011	1	55510	100.0	99.7	
20 Anthracene	178	9.384	9.373	0.011	1	67049	100.0	104.4	
21 Fluoranthene	202	10.312	10.303	0.009	1	62005	100.0	99.4	
22 Pyrene	202	10.497	10.488	0.009	22	65837	100.0	100.1	
23 Benzo[a]anthracene	228	11.501	11.491	0.010	1	35401	100.0	94.7	
24 Chrysene	228	11.534	11.523	0.011	1	73062	100.0	109.5	
25 Benzo[b]fluoranthene	252	12.596	12.580	0.016	1	39190	100.0	95.3	
26 Benzo[k]fluoranthene	252	12.623	12.612	0.011	1	75195	100.0	117.0	
27 Benzo[a]pyrene	252	12.964	12.953	0.011	1	48304	100.0	100.2	
28 Indeno[1,2,3-cd]pyrene	276	14.331	14.310	0.021	1	35595	100.0	90.3	M
29 Dibenz(a,h)anthracene	278	14.369	14.342	0.027	1	51607	100.0	103.5	a
30 Benzo[g,h,i]perylene	276	14.655	14.634	0.021	6	62549	100.0	107.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ccv_8270_1000_00057	Amount Added: 100.00	Units: uL
8270SIM_IS_00069	Amount Added: 9.00	Units: uL

Report Date: 22-Oct-2021 13:13:00 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins FGS, Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a025.D

Injection Date: 05-Oct-2021 20:38:30 Instrument ID: SEA101

Lims ID: std7

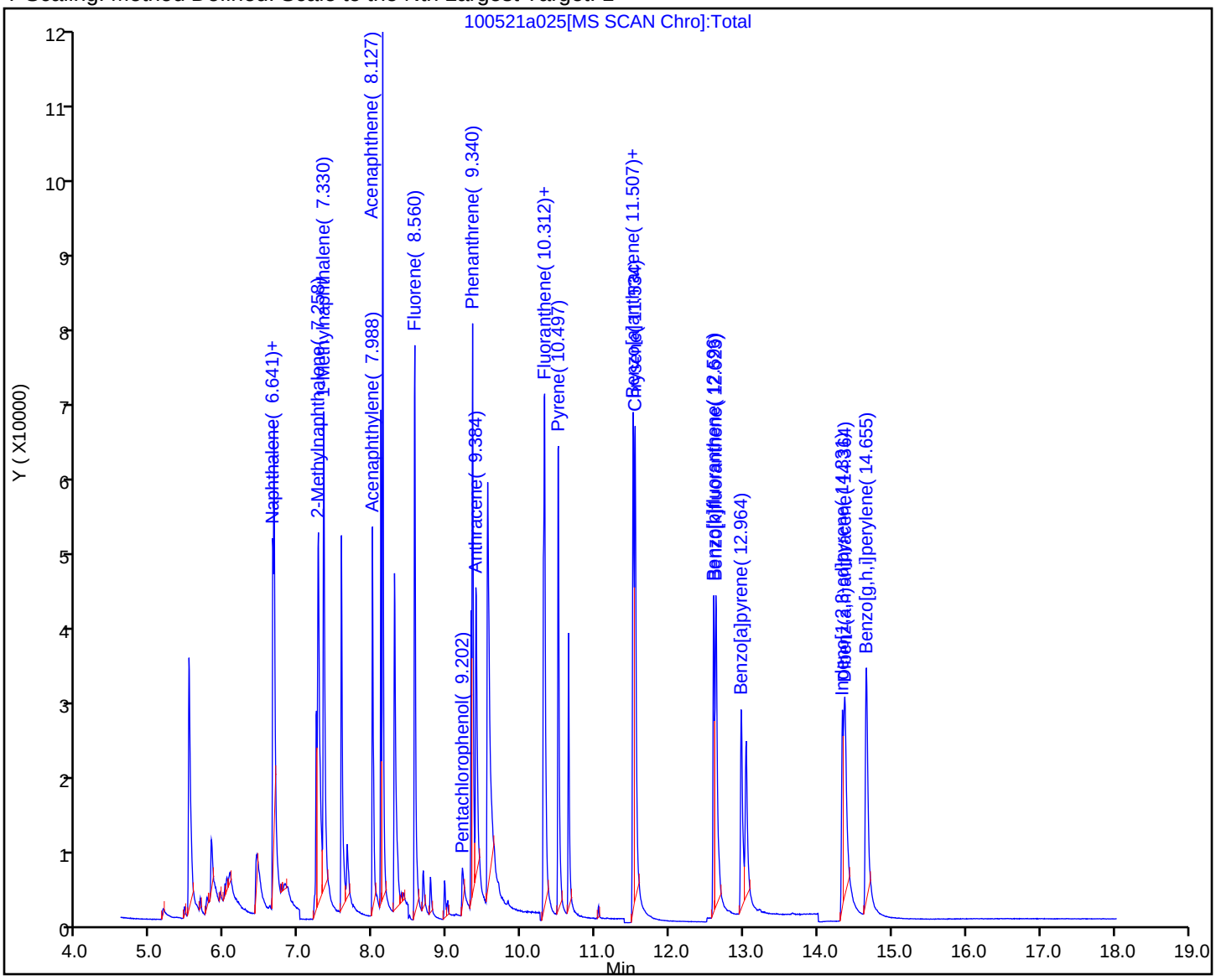
Client ID:

Operator ID: TL ALS Bottle#: 10 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

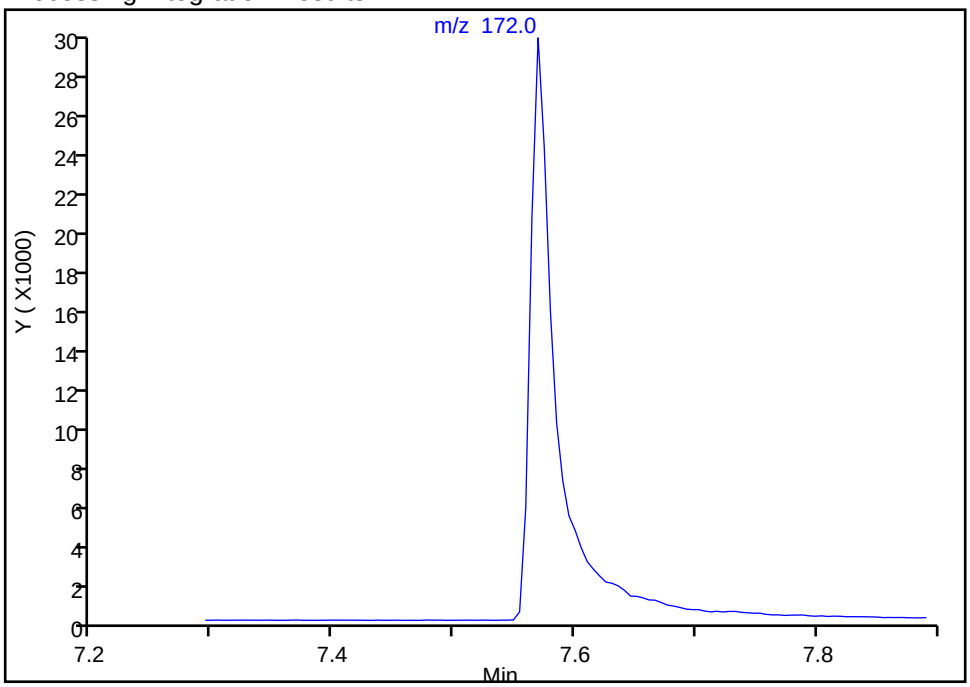
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a025.D
Injection Date: 05-Oct-2021 20:38:30 Instrument ID: SEA101
Lims ID: std7
Client ID:
Operator ID: TL ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 8 2-Fluorobiphenyl, CAS: 321-60-8

Signal: 1

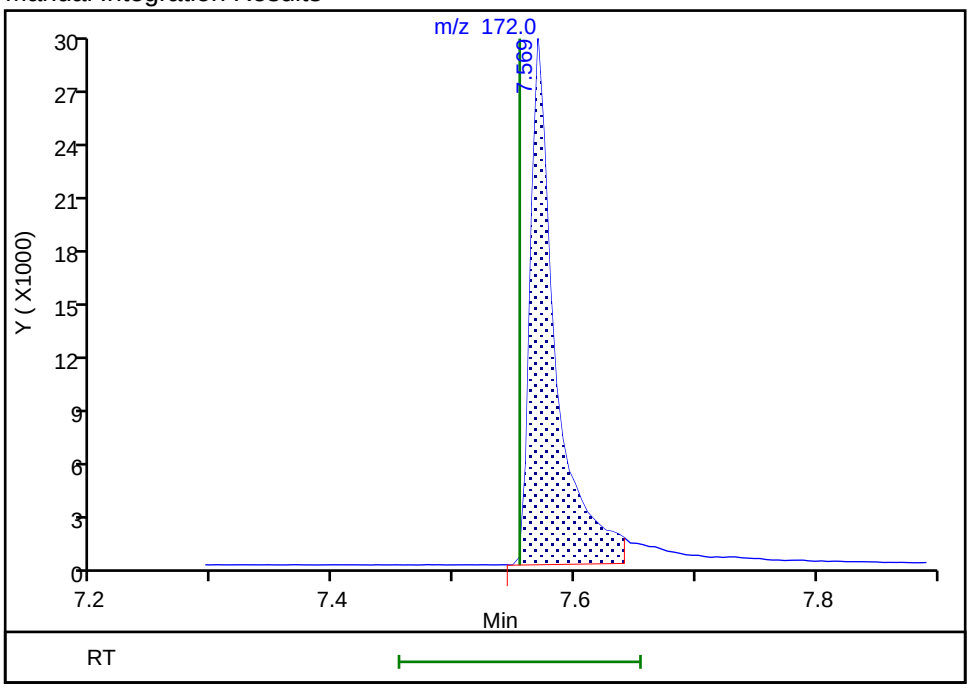
Not Detected
Expected RT: 7.55

Processing Integration Results



Manual Integration Results

RT: 7.57
Area: 43092
Amount: 98.658225
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:32:57
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

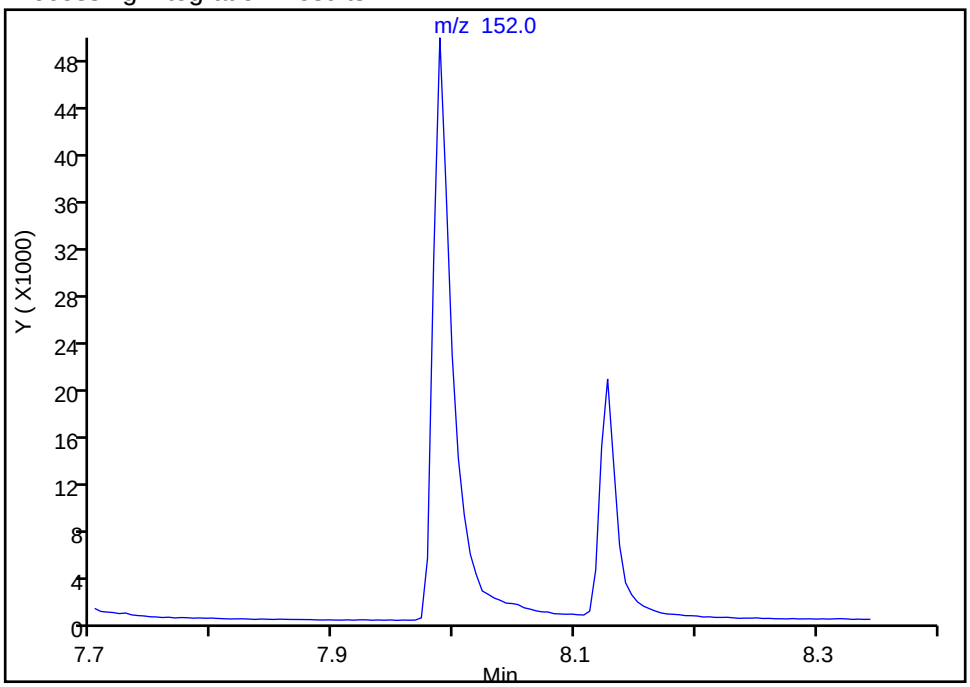
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a025.D
Injection Date: 05-Oct-2021 20:38:30 Instrument ID: SEA101
Lims ID: std7
Client ID:
Operator ID: TL ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

15 Acenaphthylene, CAS: 208-96-8

Signal: 1

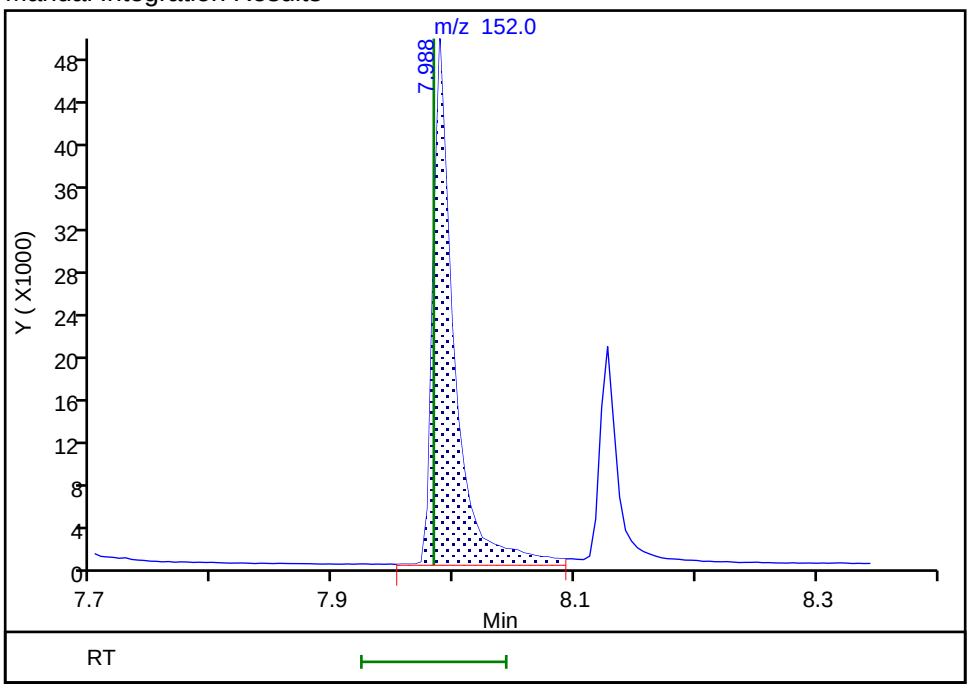
Not Detected
Expected RT: 7.98

Processing Integration Results



Manual Integration Results

RT: 7.99
Area: 60101
Amount: 99.947791
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:33:08
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

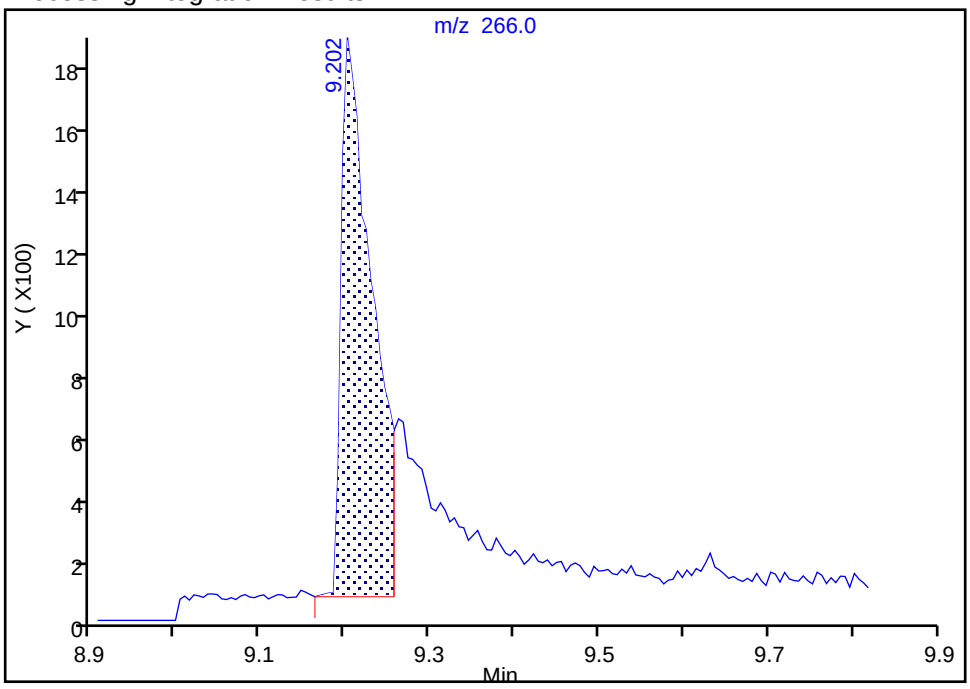
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a025.D				
Injection Date:	05-Oct-2021 20:38:30	Instrument ID:	SEA101		
Lims ID:	std7				
Client ID:					
Operator ID:	TL	ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

18 Pentachlorophenol, CAS: 87-86-5

Signal: 1

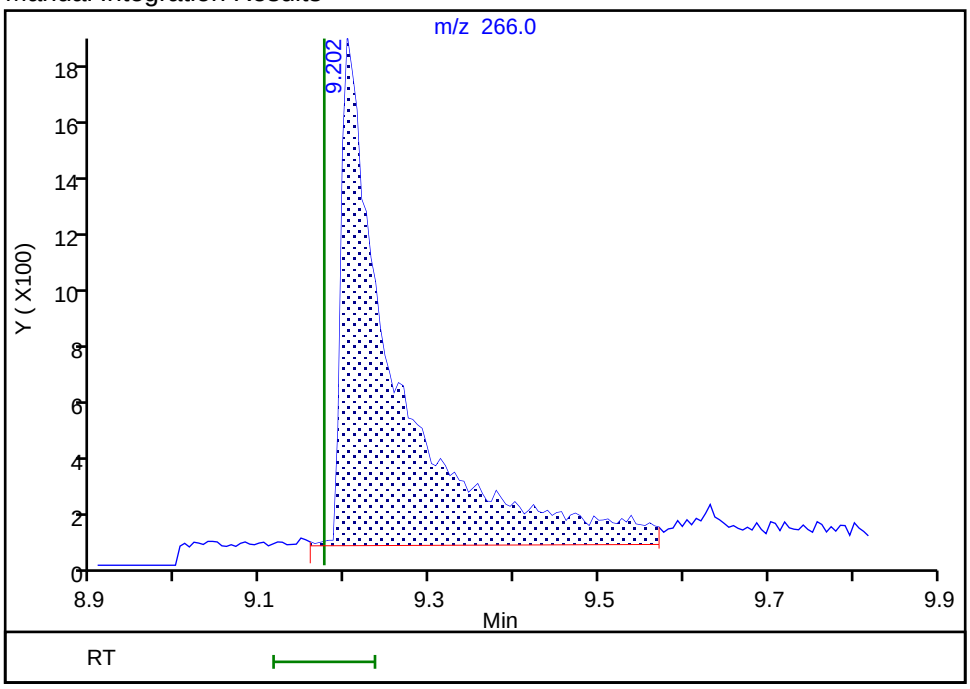
Processing Integration Results

RT: 9.20
Area: 4537
Amount: 91.720392
Amount Units: ug/L



Manual Integration Results

RT: 9.20
Area: 8070
Amount: 184.1332
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:41:27

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

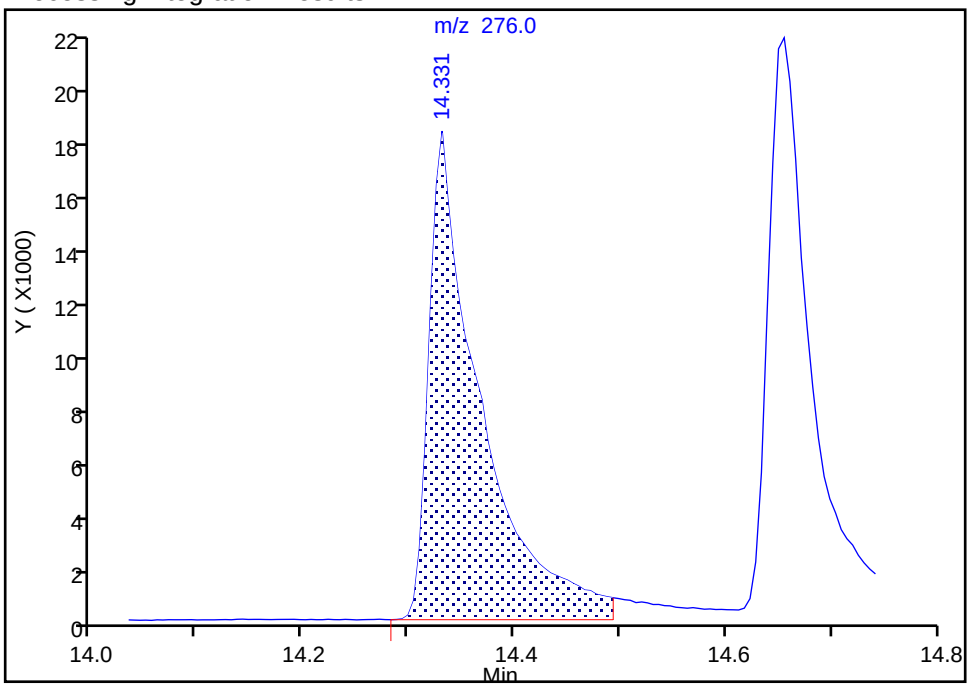
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a025.D
Injection Date: 05-Oct-2021 20:38:30 Instrument ID: SEA101
Lims ID: std7
Client ID:
Operator ID: TL ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

28 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

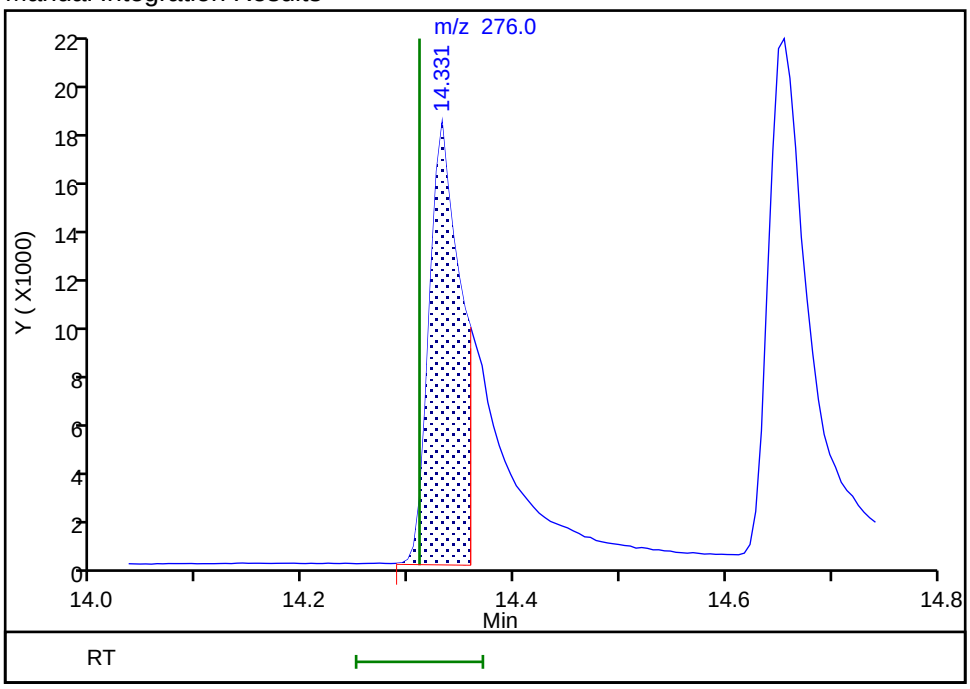
Processing Integration Results

RT: 14.33
Area: 59403
Amount: 134.3875
Amount Units: ug/L



Manual Integration Results

RT: 14.33
Area: 35595
Amount: 90.310463
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:33:41
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

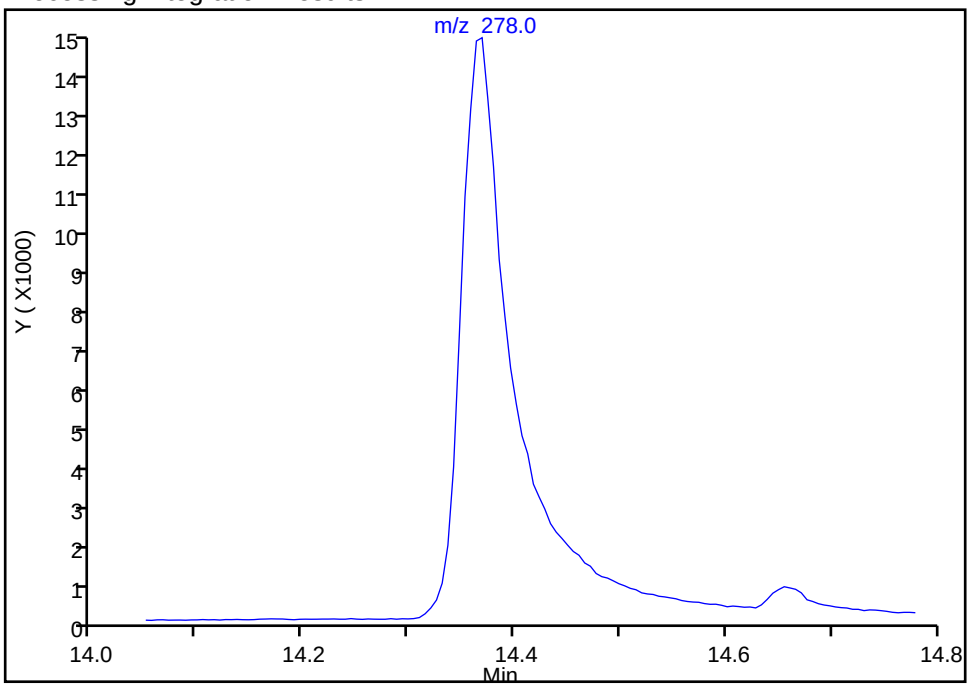
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a025.D
Injection Date: 05-Oct-2021 20:38:30 Instrument ID: SEA101
Lims ID: std7
Client ID:
Operator ID: TL ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

29 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

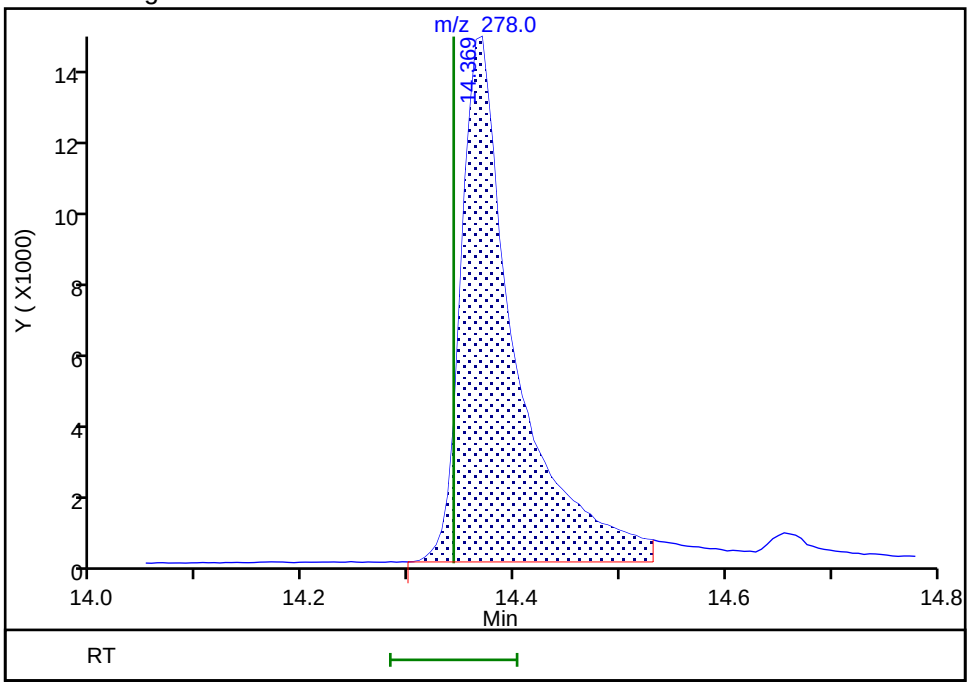
Not Detected
Expected RT: 14.34

Processing Integration Results



Manual Integration Results

RT: 14.37
Area: 51607
Amount: 103.4594
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:33:44
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins FGS, Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a026.D
Lims ID: std6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 05-Oct-2021 21:03:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 6
Operator ID: TL Instrument ID: SEA101
Sublist: chrom-8270_SIM_SEA101*sub12

Method: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 22-Oct-2021 13:13:01 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: limmere Date: 06-Oct-2021 10:35:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.520	5.507	0.013	1	35801	100.0	100.0	
* 2 Naphthalene-d8	136	6.646	6.636	0.010	1	56956	100.0	100.0	
* 3 Acenaphthene-d10	164	8.107	8.097	0.010	1	27269	100.0	100.0	
* 4 Phenanthrene-d10	188	9.329	9.312	0.017	1	40920	100.0	100.0	
* 5 Chrysene-d12	240	11.518	11.501	0.017	1	31623	100.0	100.0	
* 6 Perylene-d12	264	13.034	13.023	0.011	1	31352	100.0	100.0	
$ 7 2-methylnaphthalene-d10	152	7.248	7.217	0.031	99	15297	50.0	45.6	M
$ 8 2-Fluorobiphenyl	172	7.585	7.554	0.031	1	19132	50.0	50.6	Ma
$ 9 2,4,6-Tribromophenol	330	8.788	8.750	0.038	1	2358	50.0	45.6	M
$ 10 Fluoranthene-d10 (Surr)	212	10.303	10.290	0.013	100	19556	50.0	43.2	
$ 11 Terphenyl-d14	244	10.638	10.629	0.009	1	14242	50.0	46.1	
12 Naphthalene	128	6.666	6.656	0.010	1	26692	50.0	45.0	
13 2-Methylnaphthalene	142	7.273	7.243	0.030	1	16198	50.0	45.9	
14 1-Methylnaphthalene	142	7.340	7.319	0.021	1	23560	50.0	58.5	
15 Acenaphthylene	152	7.998	7.983	0.015	1	23592	50.0	45.3	
16 Acenaphthene	153	8.132	8.122	0.010	4	17945	50.0	48.8	
17 Fluorene	166	8.571	8.549	0.022	1	16918	50.0	45.1	
18 Pentachlorophenol	266	9.224	9.175	0.049	1	3393	100.0	95.7	M
19 Phenanthrene	178	9.345	9.329	0.016	1	20368	50.0	44.1	
20 Anthracene	178	9.400	9.373	0.027	1	26642	50.0	48.2	a
21 Fluoranthene	202	10.317	10.303	0.014	1	23888	50.0	46.1	
22 Pyrene	202	10.498	10.488	0.010	22	25838	50.0	47.3	
23 Benzo[a]anthracene	228	11.507	11.491	0.016	1	14671	50.0	45.7	M
24 Chrysene	228	11.539	11.523	0.016	1	30731	50.0	51.3	a
25 Benzo[b]fluoranthene	252	12.601	12.580	0.021	1	17150	50.0	48.9	
26 Benzo[k]fluoranthene	252	12.634	12.612	0.022	1	28548	50.0	49.6	a
27 Benzo[a]pyrene	252	12.975	12.953	0.022	1	22308	50.0	53.2	
28 Indeno[1,2,3-cd]pyrene	276	14.348	14.310	0.038	1	13342	50.0	38.9	M
29 Dibenz(a,h)anthracene	278	14.375	14.342	0.033	1	19422	50.0	43.6	a
30 Benzo[g,h,i]perylene	276	14.661	14.634	0.027	6	26148	50.0	51.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8270ccvl_50_00037 Amount Added: 1.00 Units: mL

Report Date: 22-Oct-2021 13:13:02 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins FGS, Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a026.D

Injection Date: 05-Oct-2021 21:03:30 Instrument ID: SEA101

Lims ID: std6

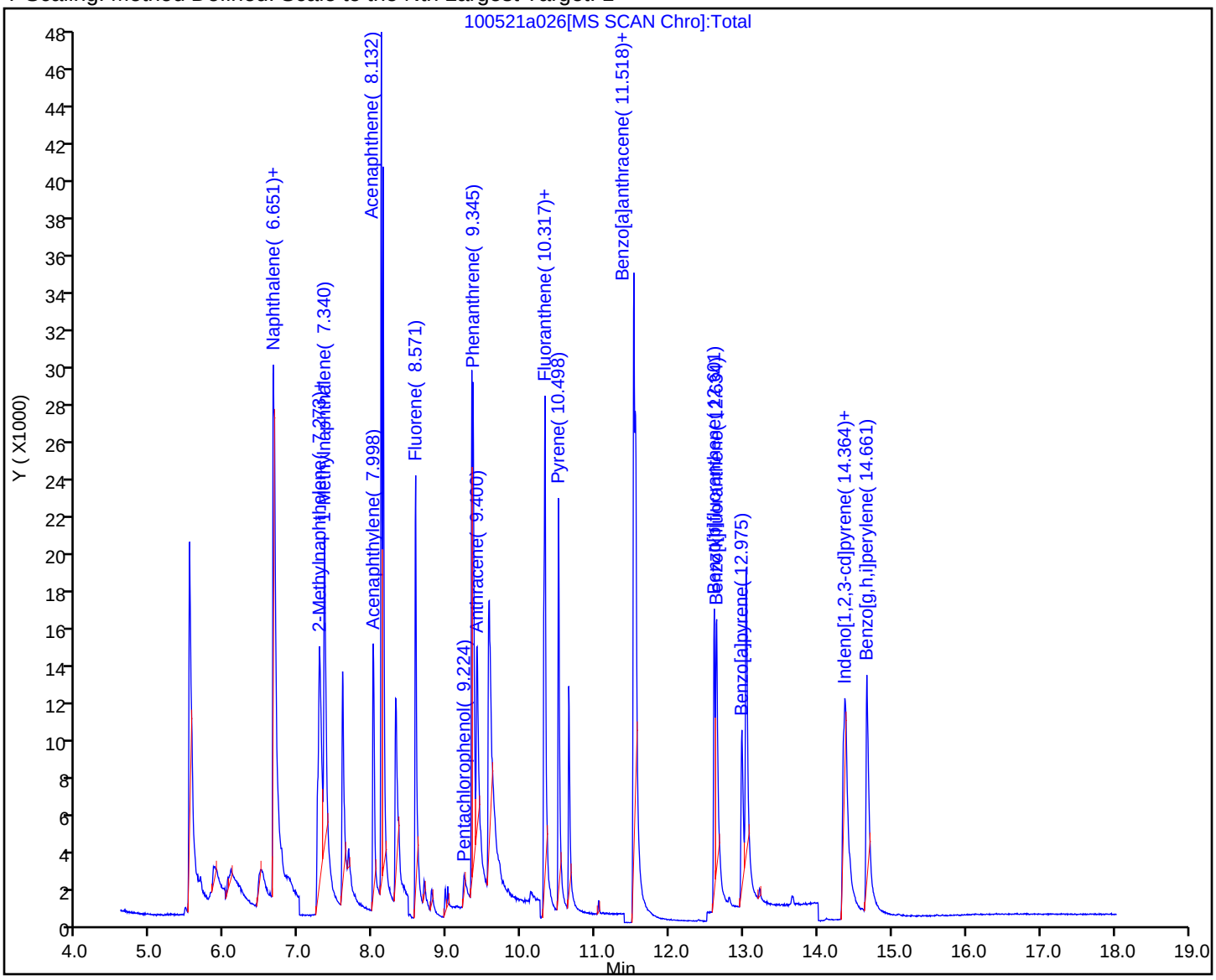
Client ID:

Operator ID: TL ALS Bottle#: 11 Worklist Smp#: 11

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins FGS, Seattle

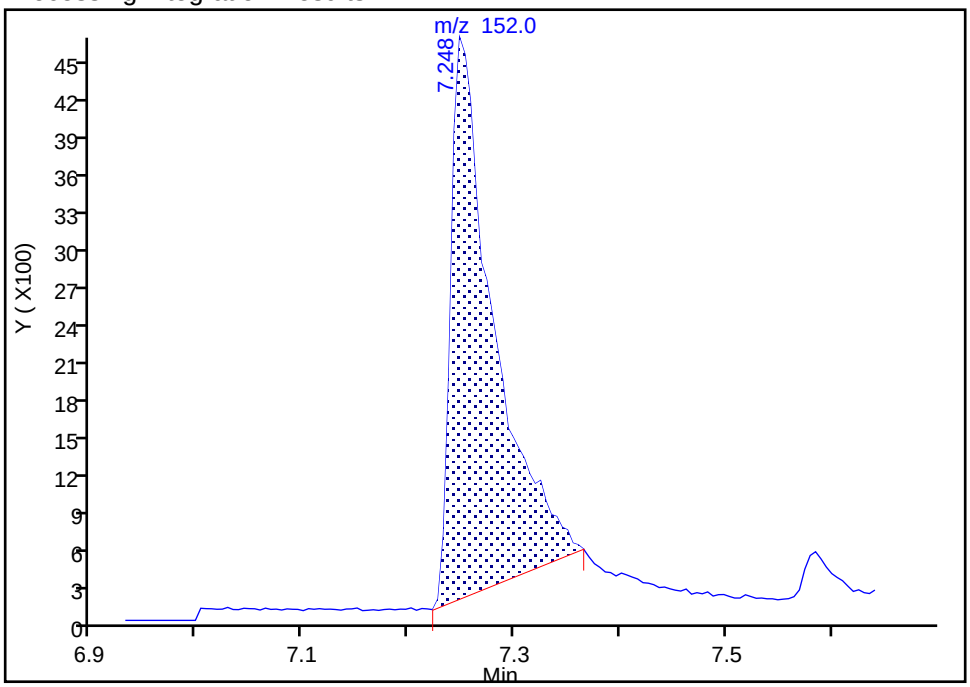
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a026.D
Injection Date: 05-Oct-2021 21:03:30 Instrument ID: SEA101
Lims ID: std6
Client ID:
Operator ID: TL ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 7 2-methylnaphthalene-d10, CAS: 7297-45-2

Signal: 1

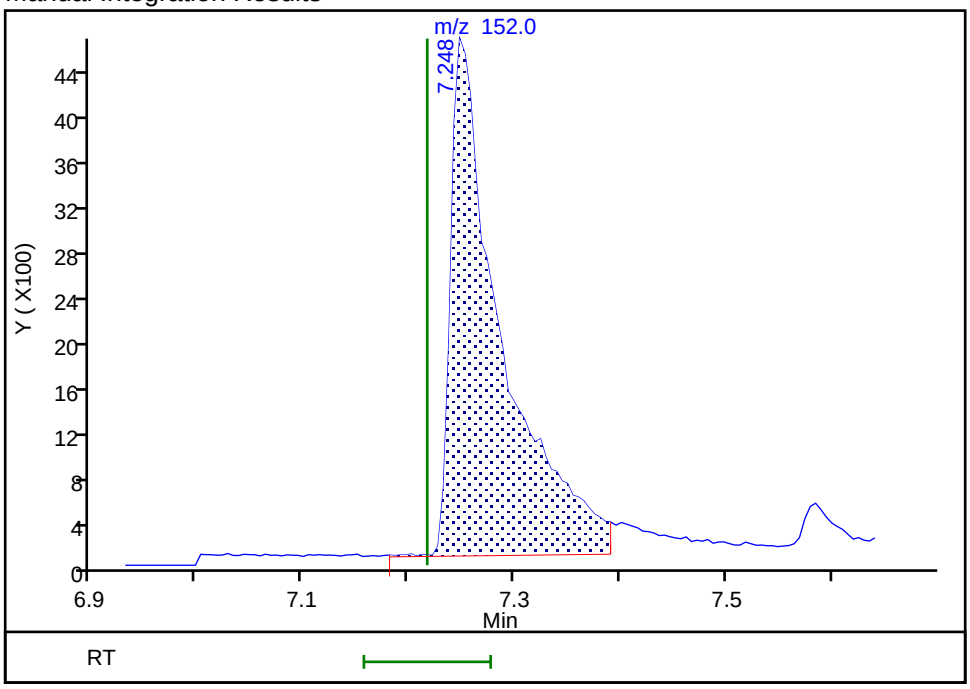
Processing Integration Results

RT: 7.25
Area: 12675
Amount: 40.252347
Amount Units: ug/L



Manual Integration Results

RT: 7.25
Area: 15297
Amount: 45.600944
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:34:05
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

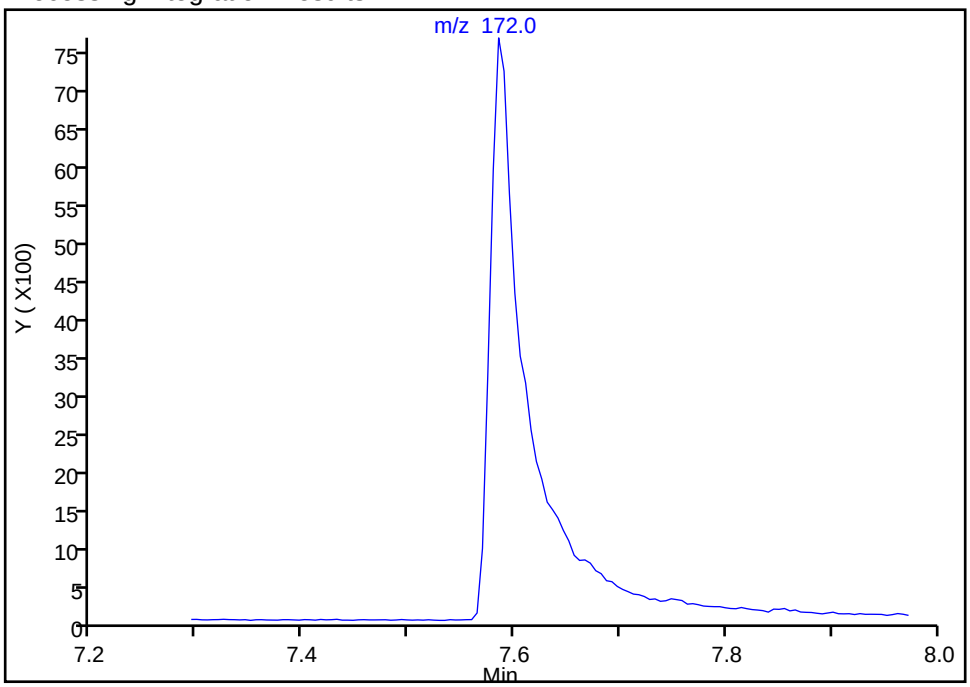
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a026.D
Injection Date: 05-Oct-2021 21:03:30 Instrument ID: SEA101
Lims ID: std6
Client ID:
Operator ID: TL ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 8 2-Fluorobiphenyl, CAS: 321-60-8

Signal: 1

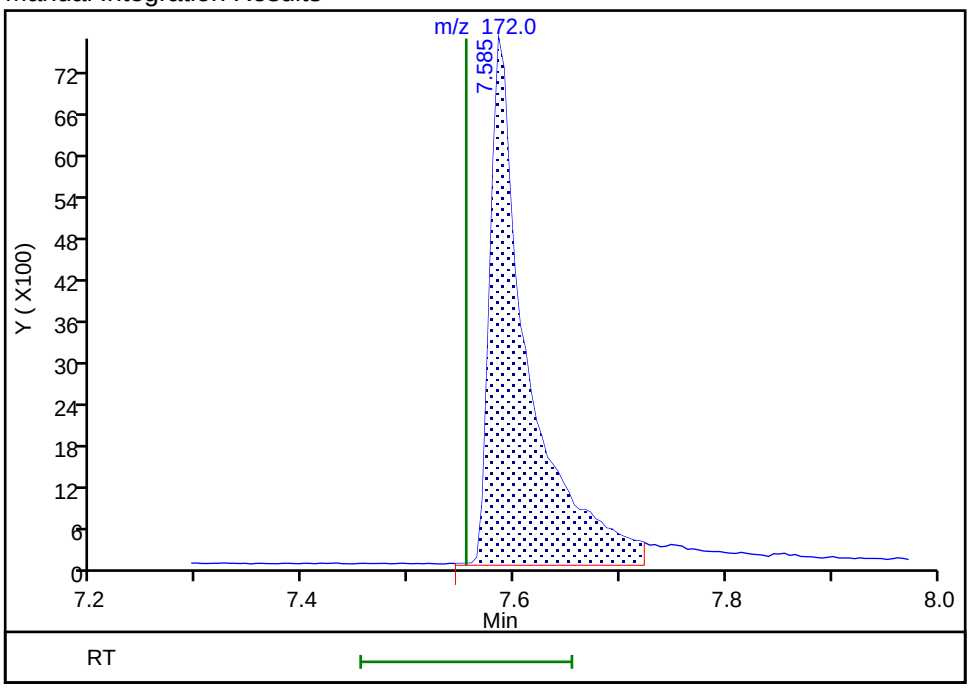
Not Detected
Expected RT: 7.55

Processing Integration Results



Manual Integration Results

RT: 7.58
Area: 19132
Amount: 50.601796
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:34:23
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

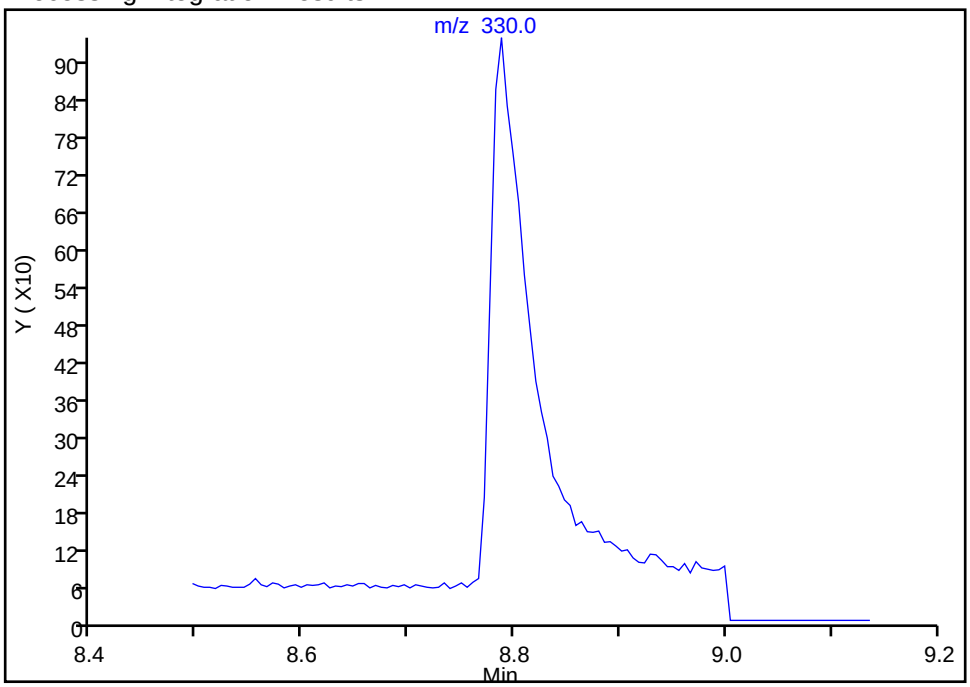
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a026.D
Injection Date: 05-Oct-2021 21:03:30 Instrument ID: SEA101
Lims ID: std6
Client ID:
Operator ID: TL ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 9 2,4,6-Tribromophenol, CAS: 118-79-6

Signal: 1

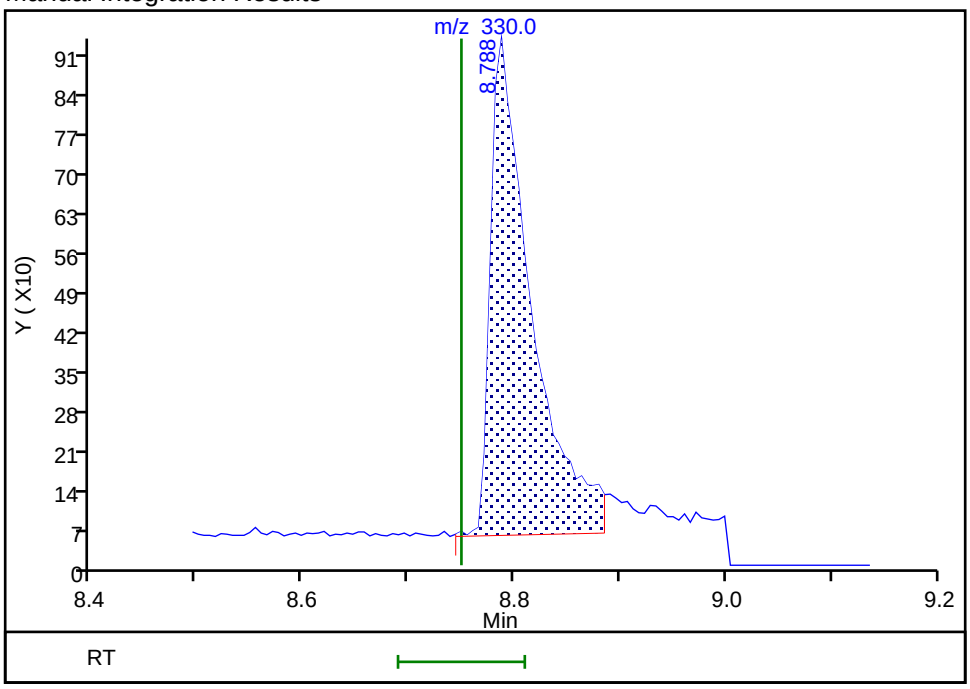
Not Detected
Expected RT: 8.75

Processing Integration Results



Manual Integration Results

RT: 8.79
Area: 2358
Amount: 45.604121
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:34:29
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

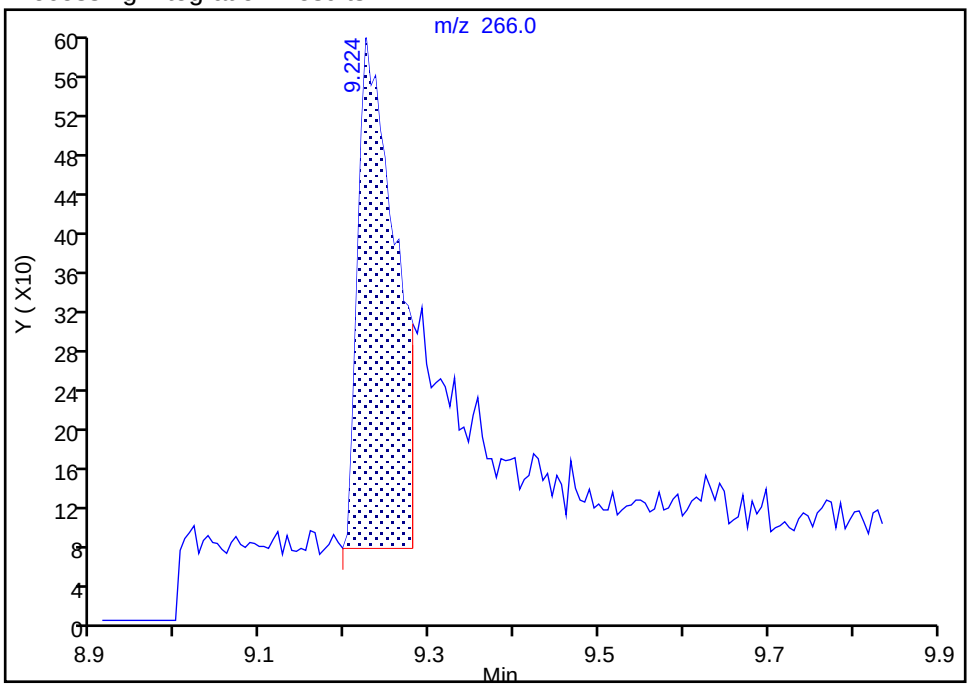
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a026.D
Injection Date: 05-Oct-2021 21:03:30 Instrument ID: SEA101
Lims ID: std6
Client ID:
Operator ID: TL ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

18 Pentachlorophenol, CAS: 87-86-5

Signal: 1

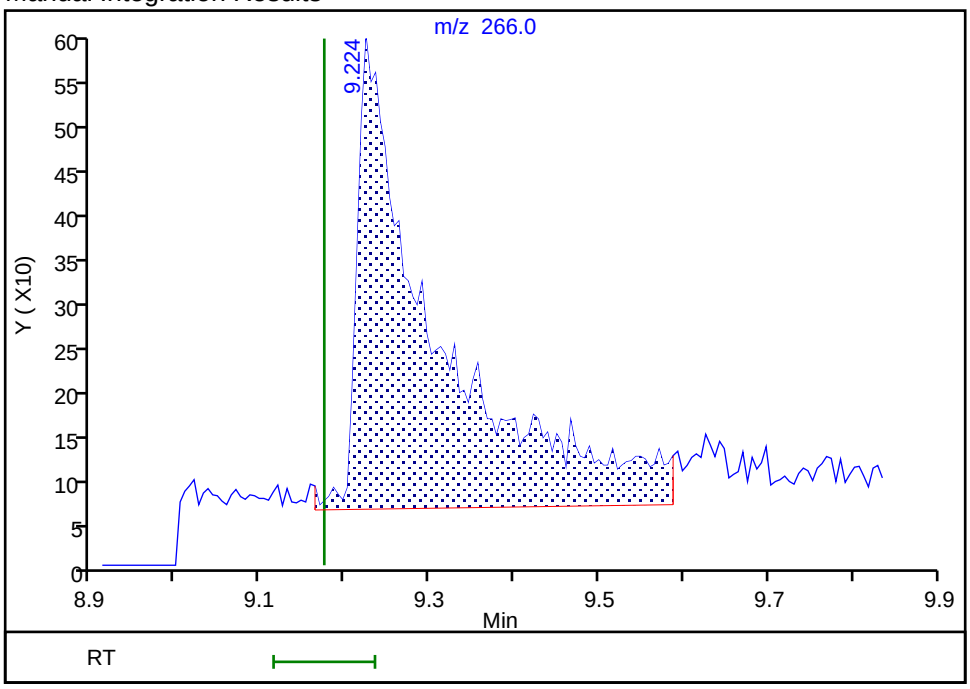
Processing Integration Results

RT: 9.22
Area: 1548
Amount: 37.780288
Amount Units: ug/L



Manual Integration Results

RT: 9.22
Area: 3393
Amount: 95.705161
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:41:06
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

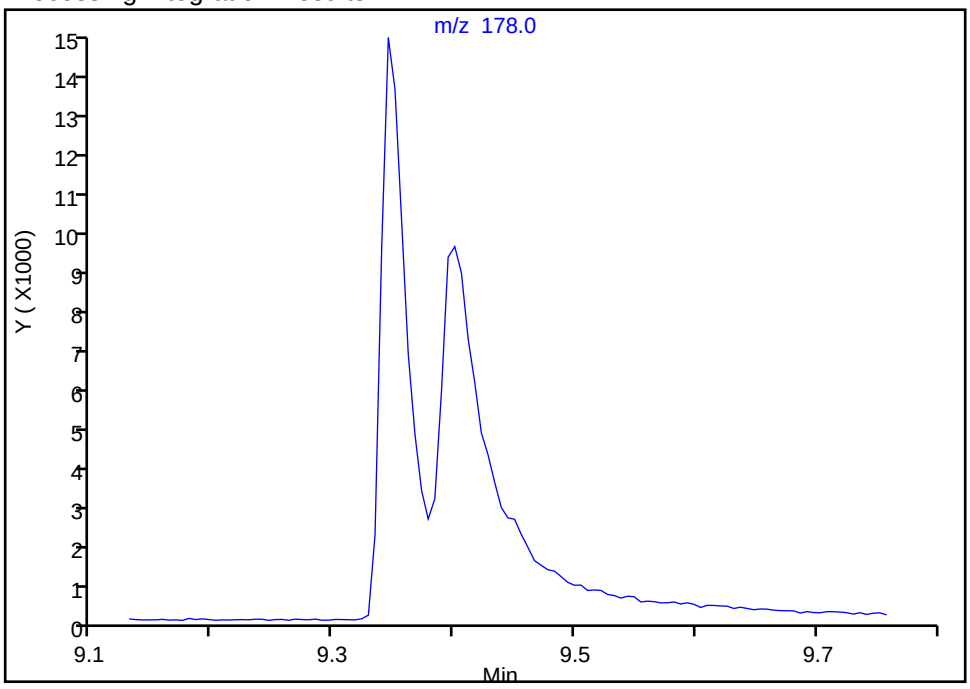
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a026.D				
Injection Date:	05-Oct-2021 21:03:30	Instrument ID:	SEA101		
Lims ID:	std6				
Client ID:					
Operator ID:	TL	ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

20 Anthracene, CAS: 120-12-7

Signal: 1

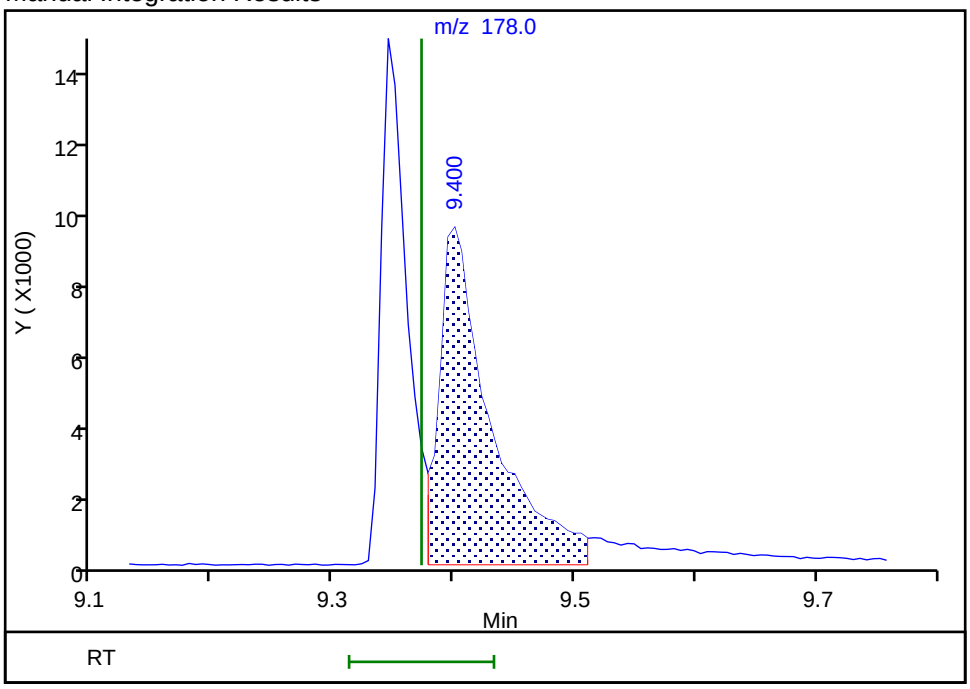
Not Detected
Expected RT: 9.37

Processing Integration Results



Manual Integration Results

RT: 9.40
Area: 26642
Amount: 48.160894
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:34:44
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

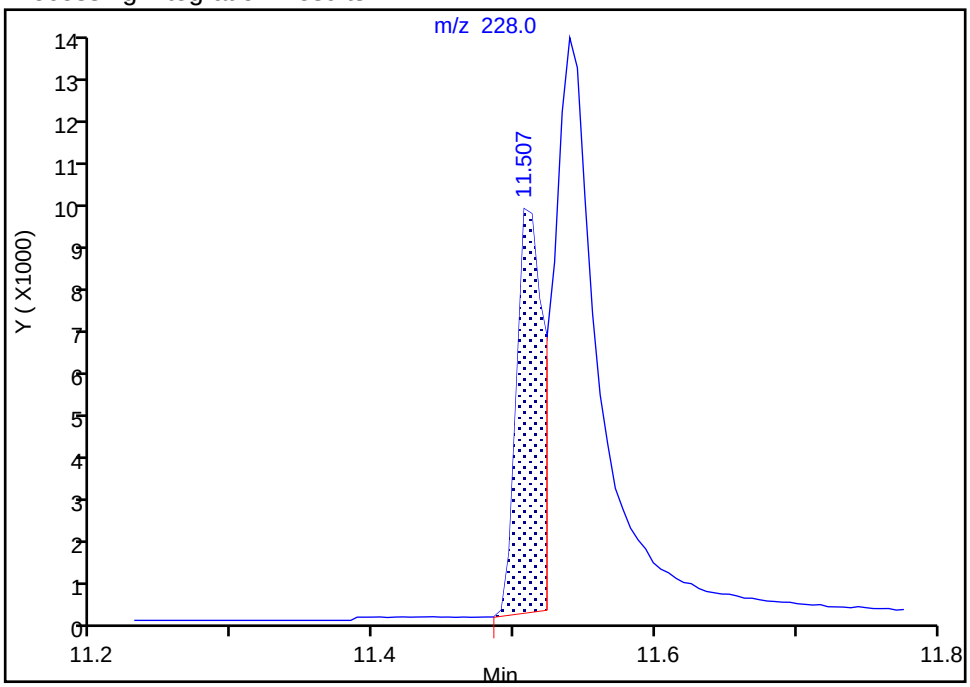
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a026.D				
Injection Date:	05-Oct-2021 21:03:30	Instrument ID:	SEA101		
Lims ID:	std6				
Client ID:					
Operator ID:	TL	ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

23 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

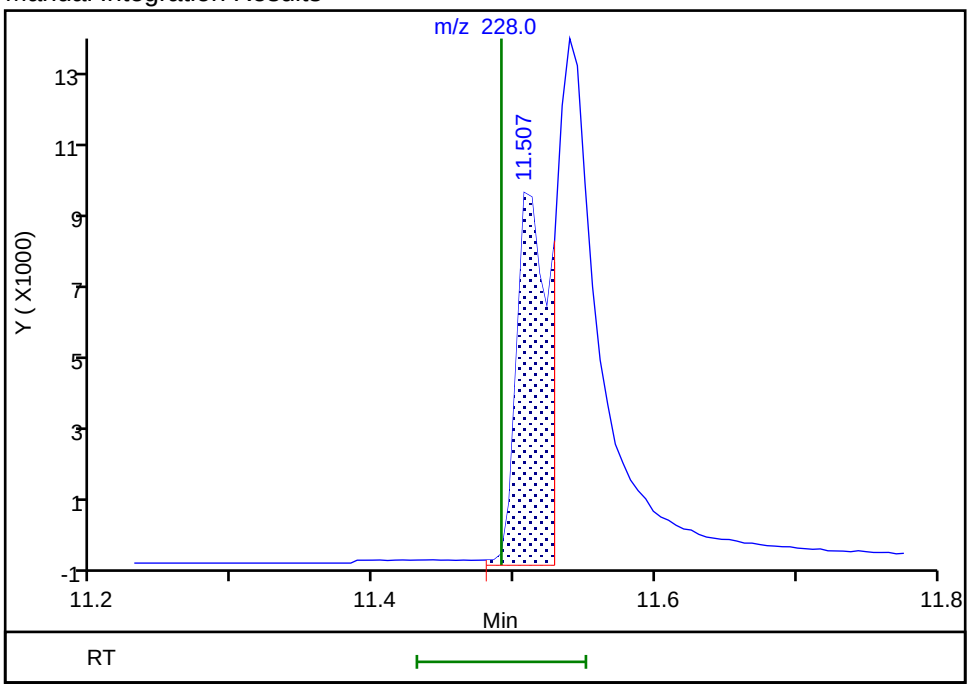
Processing Integration Results

RT: 11.51
Area: 11711
Amount: 35.060636
Amount Units: ug/L



Manual Integration Results

RT: 11.51
Area: 14671
Amount: 45.713724
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:49:57

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

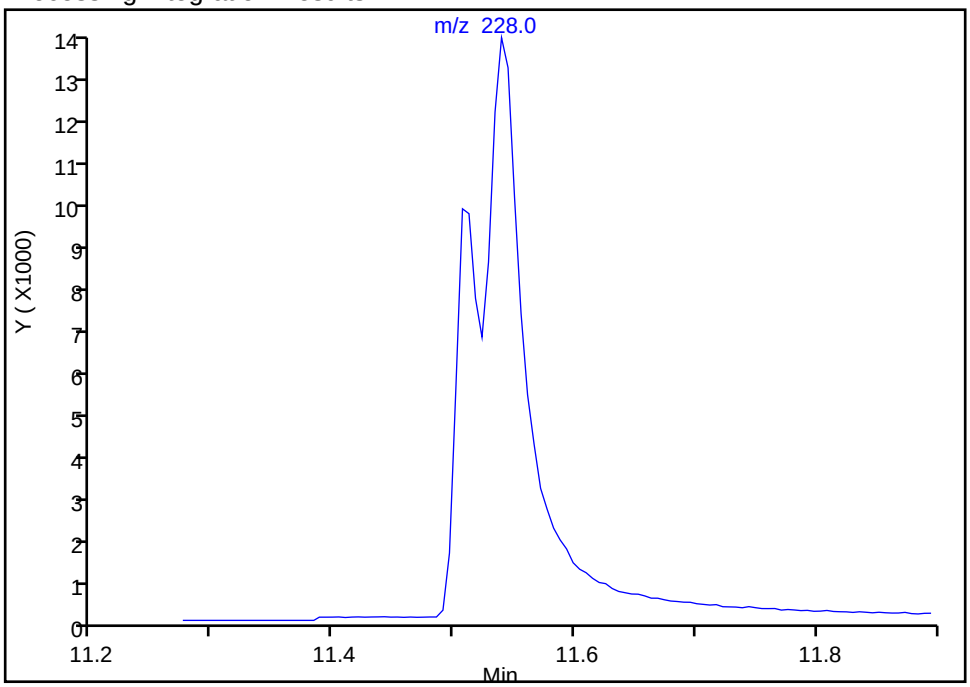
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a026.D
Injection Date: 05-Oct-2021 21:03:30 Instrument ID: SEA101
Lims ID: std6
Client ID:
Operator ID: TL ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

24 Chrysene, CAS: 218-01-9

Signal: 1

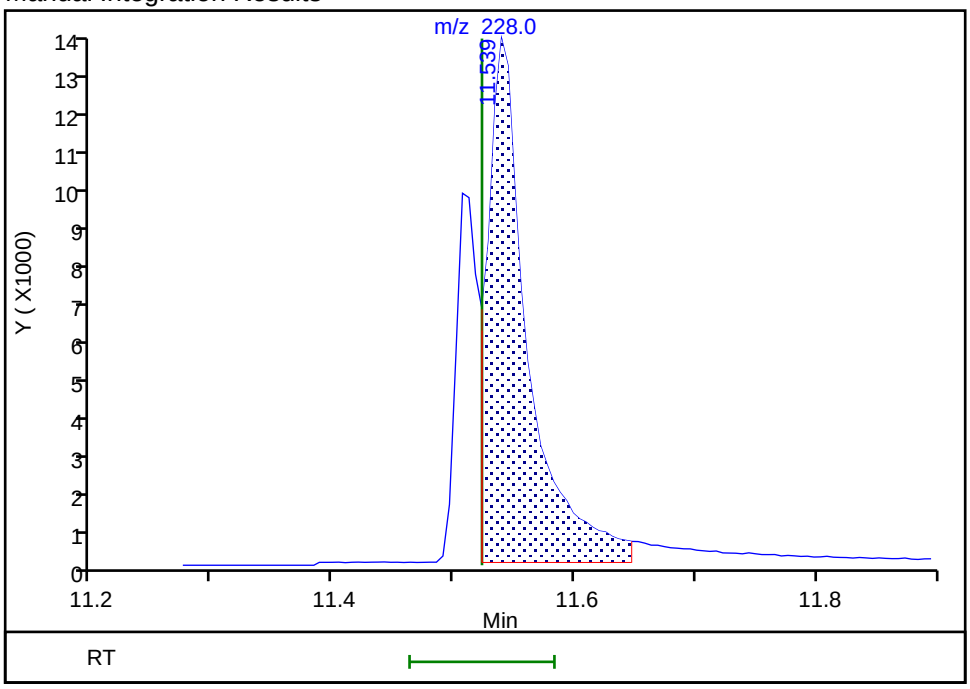
Not Detected
Expected RT: 11.52

Processing Integration Results



Manual Integration Results

RT: 11.54
Area: 30731
Amount: 51.337699
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:34:53
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

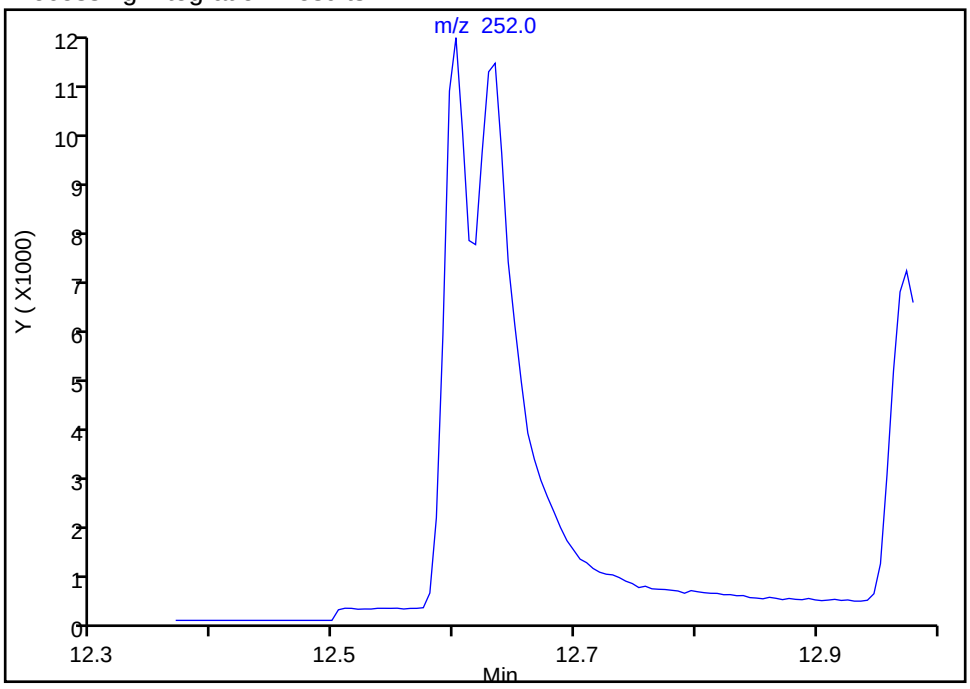
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a026.D				
Injection Date:	05-Oct-2021 21:03:30	Instrument ID:	SEA101		
Lims ID:	std6				
Client ID:					
Operator ID:	TL	ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

26 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

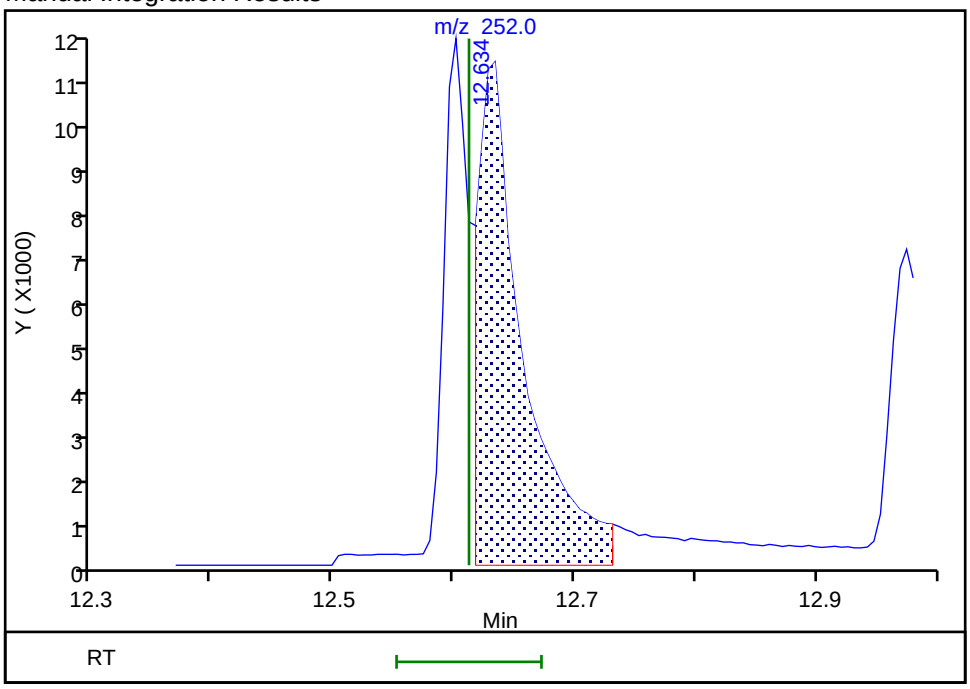
Not Detected
Expected RT: 12.61

Processing Integration Results



Manual Integration Results

RT: 12.63
Area: 28548
Amount: 49.560150
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:34:59
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

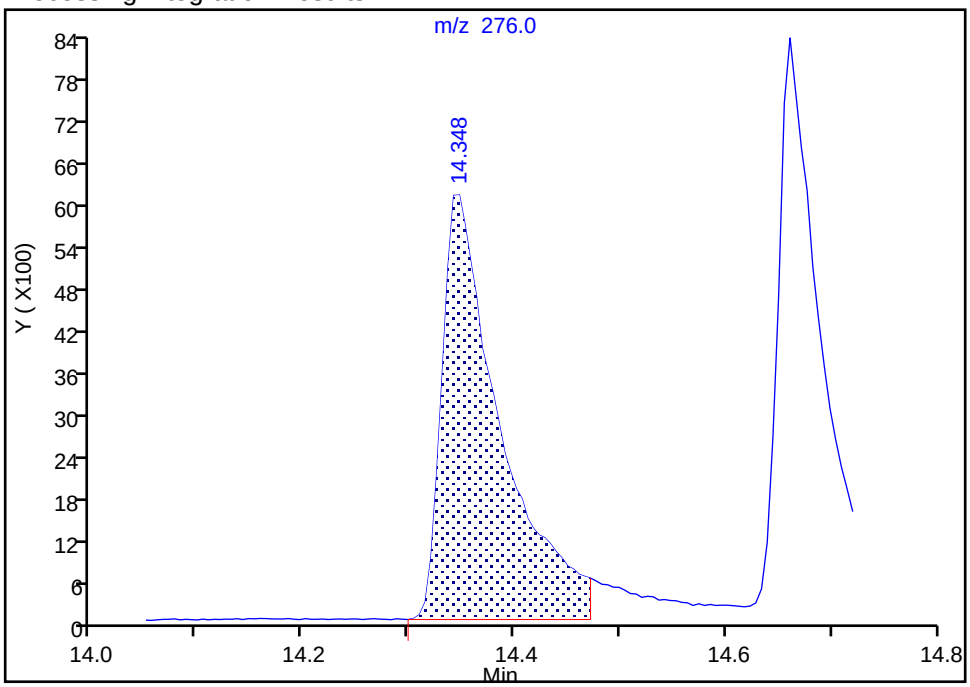
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a026.D
Injection Date: 05-Oct-2021 21:03:30 Instrument ID: SEA101
Lims ID: std6
Client ID:
Operator ID: TL ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

28 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

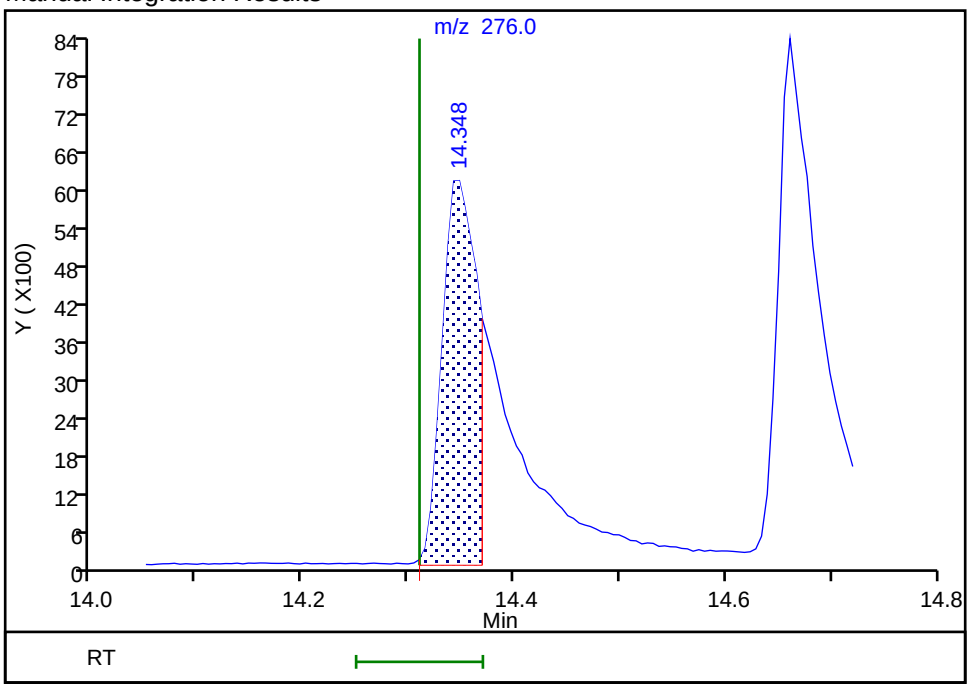
Processing Integration Results

RT: 14.35
Area: 23140
Amount: 62.825405
Amount Units: ug/L



Manual Integration Results

RT: 14.35
Area: 13342
Amount: 38.941688
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:35:12
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

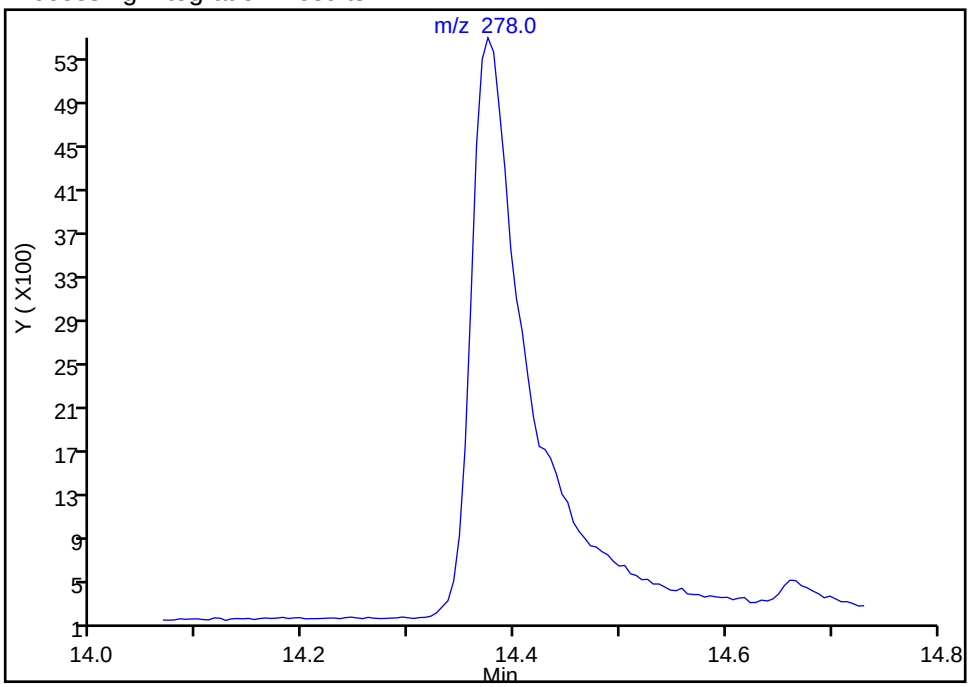
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a026.D
Injection Date: 05-Oct-2021 21:03:30 Instrument ID: SEA101
Lims ID: std6
Client ID:
Operator ID: TL ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

29 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

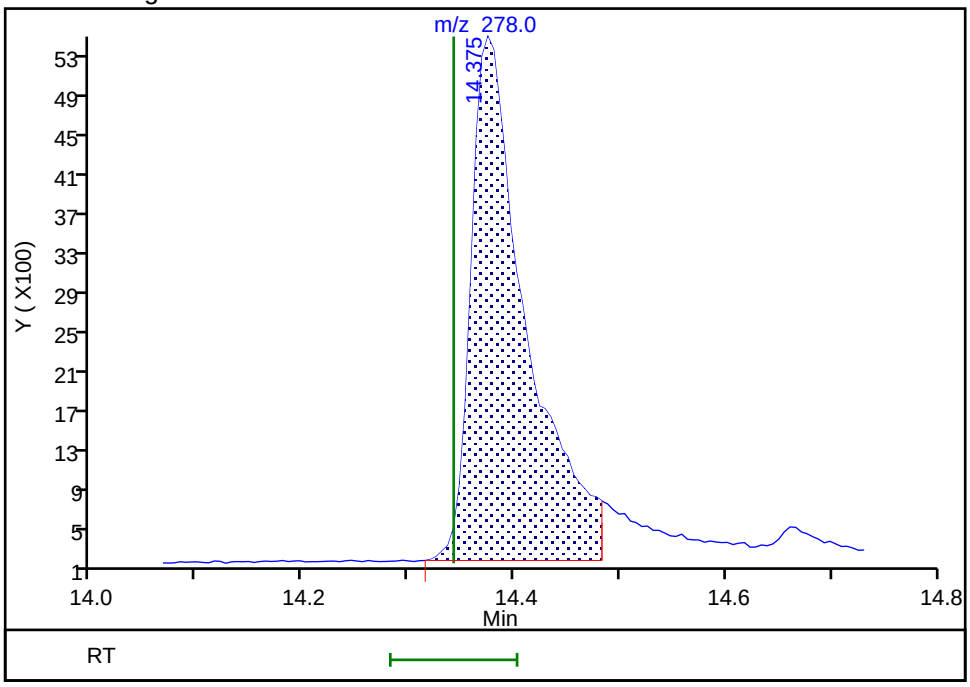
Not Detected
Expected RT: 14.34

Processing Integration Results



Manual Integration Results

RT: 14.37
Area: 19422
Amount: 43.572628
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:35:15
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins FGS, Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D
Lims ID: std5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 05-Oct-2021 21:27:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 5
Operator ID: TL Instrument ID: SEA101
Sublist: chrom-8270_SIM_SEA101*sub12

Method: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 22-Oct-2021 13:13:04 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: limmere Date: 06-Oct-2021 10:39:03

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
*	1 1,4-Dichlorobenzene-d4	152	5.538	5.507	0.031	1	29582	100.0	100.0	
*	2 Naphthalene-d8	136	6.651	6.636	0.015	1	56200	100.0	100.0	
*	3 Acenaphthene-d10	164	8.112	8.097	0.015	1	26867	100.0	100.0	
*	4 Phenanthrene-d10	188	9.334	9.312	0.022	1	36506	100.0	100.0	
*	5 Chrysene-d12	240	11.523	11.501	0.022	1	29372	100.0	100.0	
*	6 Perylene-d12	264	13.040	13.023	0.017	1	30148	100.0	100.0	
$	7 2-methylnaphthalene-d10	152	7.279	7.217	0.062	99	5984	20.0	18.1	M
$	8 2-Fluorobiphenyl	172	7.615	7.554	0.061	1	7003	20.0	18.8	M
$	9 2,4,6-Tribromophenol	330	8.815	8.750	0.065	1	902	20.0	21.0	M
$	10 Fluoranthene-d10 (Surr)	212	10.312	10.290	0.022	100	8044	20.0	19.9	M
$	11 Terphenyl-d14	244	10.651	10.629	0.022	1	5826	20.0	21.1	M
	12 Naphthalene	128	6.671	6.656	0.015	1	11456	20.0	18.0	M
	13 2-Methylnaphthalene	142	7.309	7.243	0.066	1	4828	20.0	13.9	M
	14 1-Methylnaphthalene	142	7.360	7.319	0.041	1	8603	20.0	21.6	M
	15 Acenaphthylene	152	8.008	7.983	0.025	1	8860	20.0	17.3	
	16 Acenaphthene	153	8.137	8.122	0.015	4	7446	20.0	20.5	
	17 Fluorene	166	8.587	8.549	0.038	1	6464	20.0	17.5	
	18 Pentachlorophenol	266	9.257	9.175	0.082	1	1377	40.0	46.0	M
	19 Phenanthrene	178	9.356	9.329	0.027	1	7755	20.0	18.8	M
	20 Anthracene	178	9.411	9.373	0.038	1	10778	20.0	19.9	M
	21 Fluoranthene	202	10.330	10.303	0.027	1	9374	20.0	20.3	M
	22 Pyrene	202	10.511	10.488	0.023	22	9695	20.0	19.9	
	23 Benzo[a]anthracene	228	11.534	11.491	0.043	1	4693	20.0	16.5	M
	24 Chrysene	228	11.545	11.523	0.022	1	12800	20.0	21.8	M
	25 Benzo[b]fluoranthene	252	12.612	12.580	0.032	1	5773	20.0	18.4	M
	26 Benzo[k]fluoranthene	252	12.639	12.612	0.027	1	10265	20.0	16.9	M
	27 Benzo[a]pyrene	252	12.980	12.953	0.027	1	7452	20.0	18.5	M
	28 Indeno[1,2,3-cd]pyrene	276	14.375	14.310	0.065	1	6408	20.0	19.5	M
	29 Dibenz(a,h)anthracene	278	14.402	14.342	0.060	1	8569	20.0	18.8	M
	30 Benzo[g,h,i]perylene	276	14.682	14.634	0.048	6	9744	20.0	20.1	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8270ccvl_50_00037	Amount Added: 400.00	Units: uL
8270SIM_IS_00069	Amount Added: 6.00	Units: uL

Report Date: 22-Oct-2021 13:13:04 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins FGS, Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D

Injection Date: 05-Oct-2021 21:27:30 Instrument ID: SEA101

Lims ID: std5

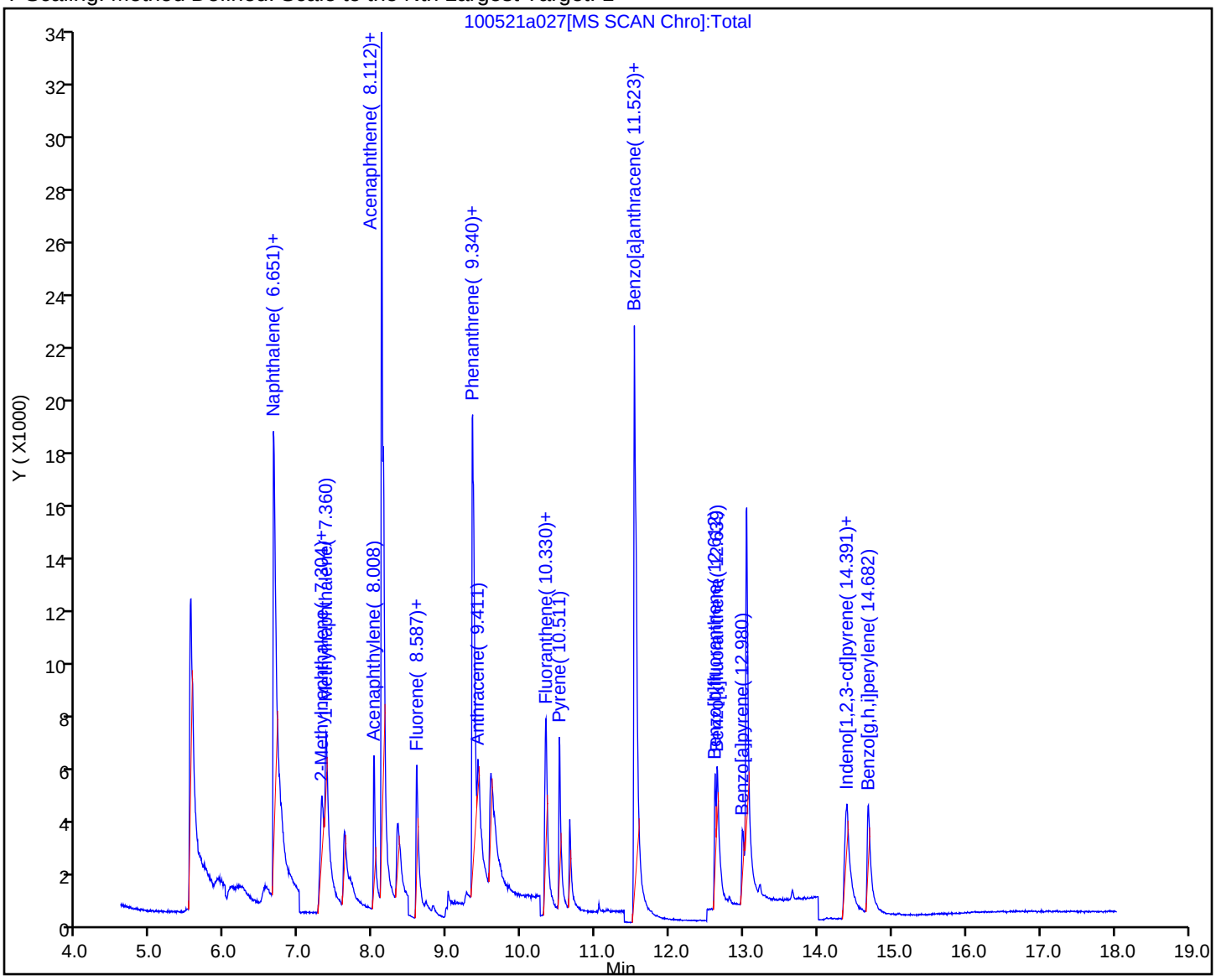
Client ID:

Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

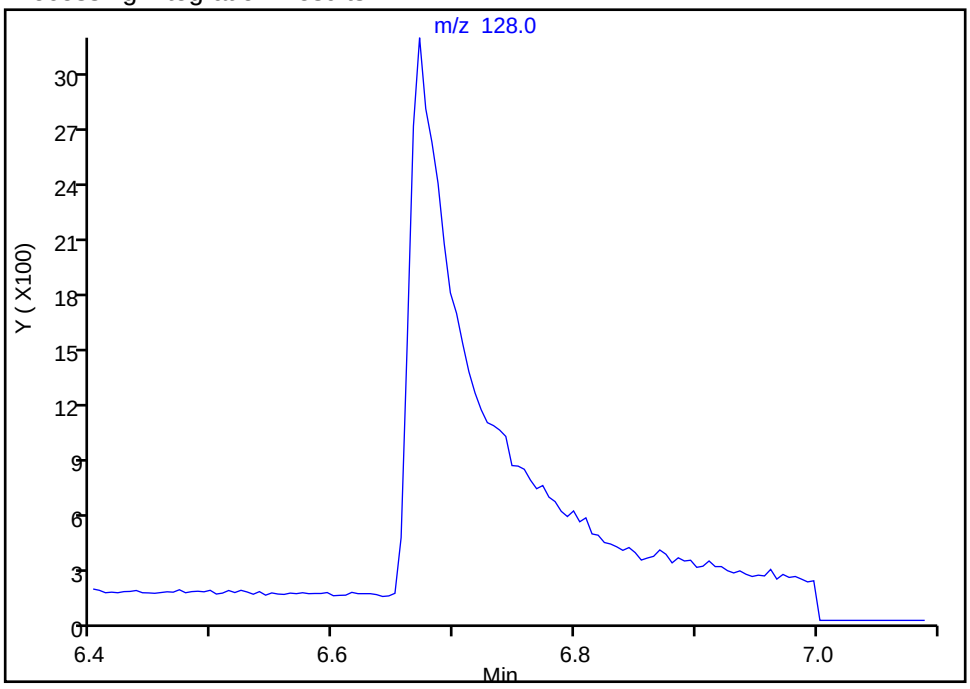
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D
Injection Date: 05-Oct-2021 21:27:30 Instrument ID: SEA101
Lims ID: std5
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

12 Naphthalene, CAS: 91-20-3

Signal: 1

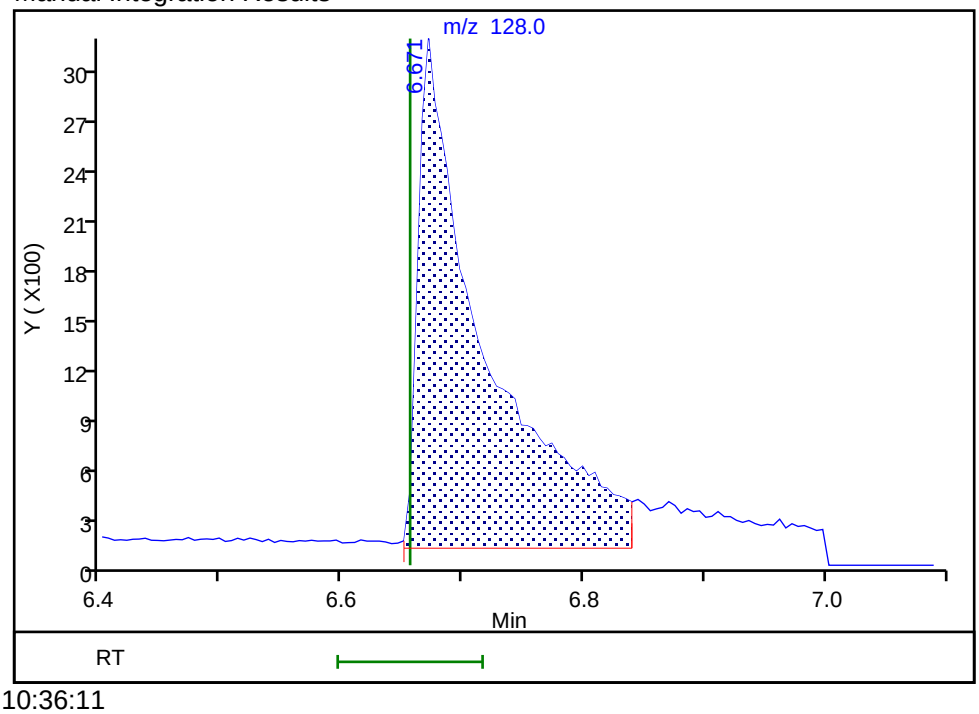
Not Detected
Expected RT: 6.66

Processing Integration Results



Manual Integration Results

RT: 6.67
Area: 11456
Amount: 18.047409
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:36:11
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

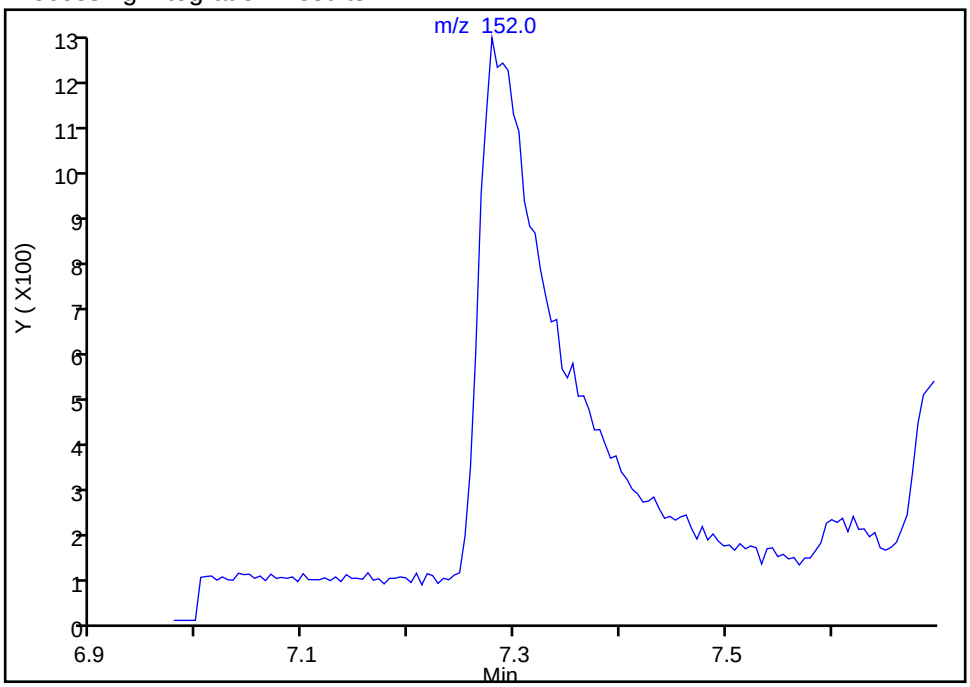
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D
Injection Date: 05-Oct-2021 21:27:30 Instrument ID: SEA101
Lims ID: std5
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 7 2-methylnaphthalene-d10, CAS: 7297-45-2

Signal: 1

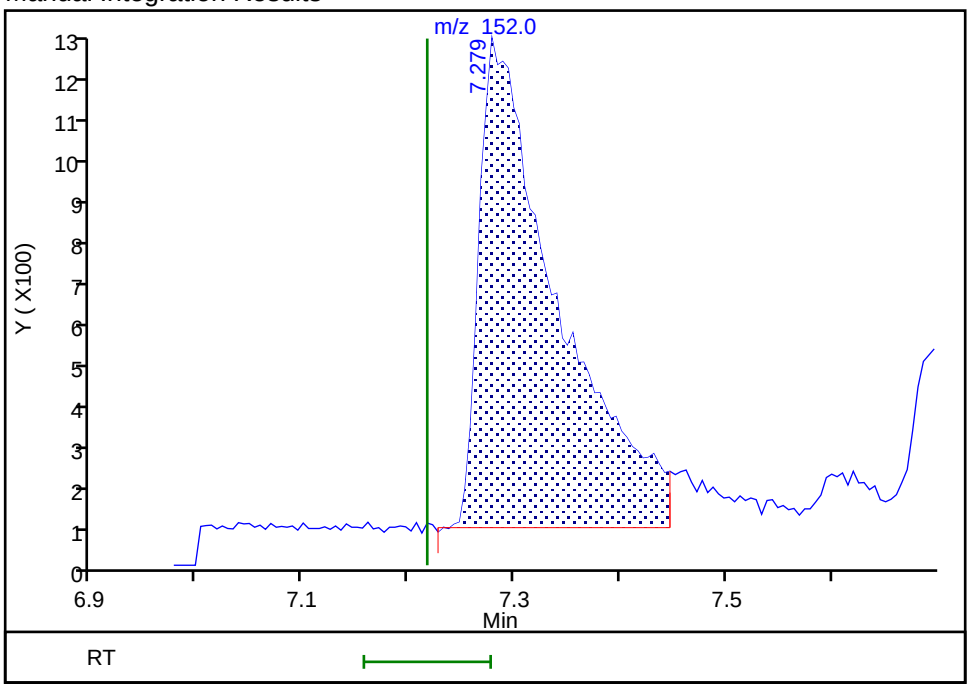
Not Detected
Expected RT: 7.22

Processing Integration Results



Manual Integration Results

RT: 7.28
Area: 5984
Amount: 18.078497
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:35:40
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

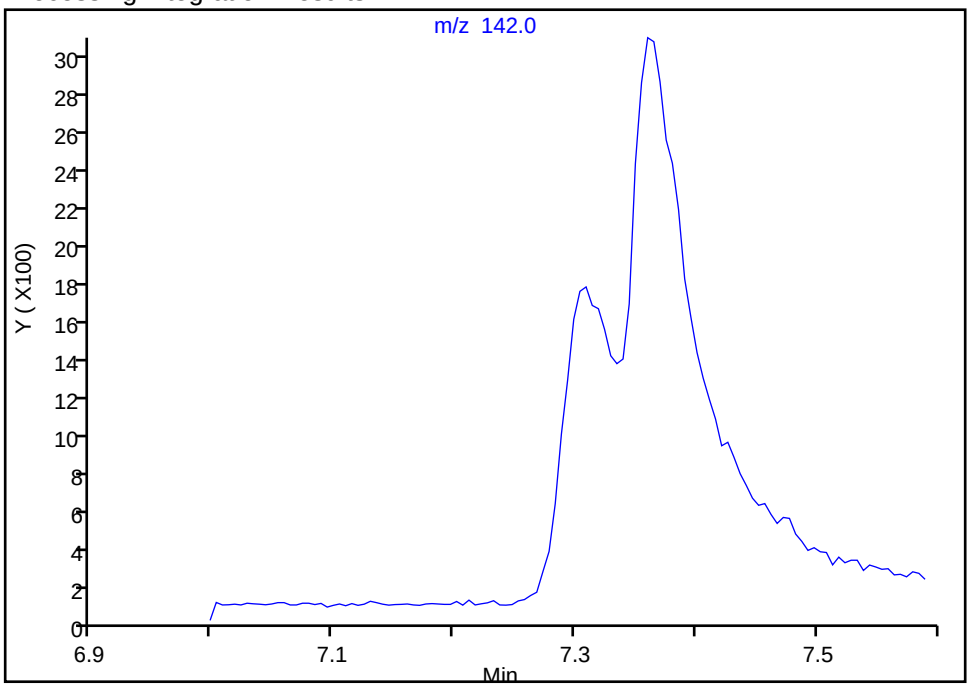
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D
Injection Date: 05-Oct-2021 21:27:30 Instrument ID: SEA101
Lims ID: std5
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

13 2-Methylnaphthalene, CAS: 91-57-6

Signal: 1

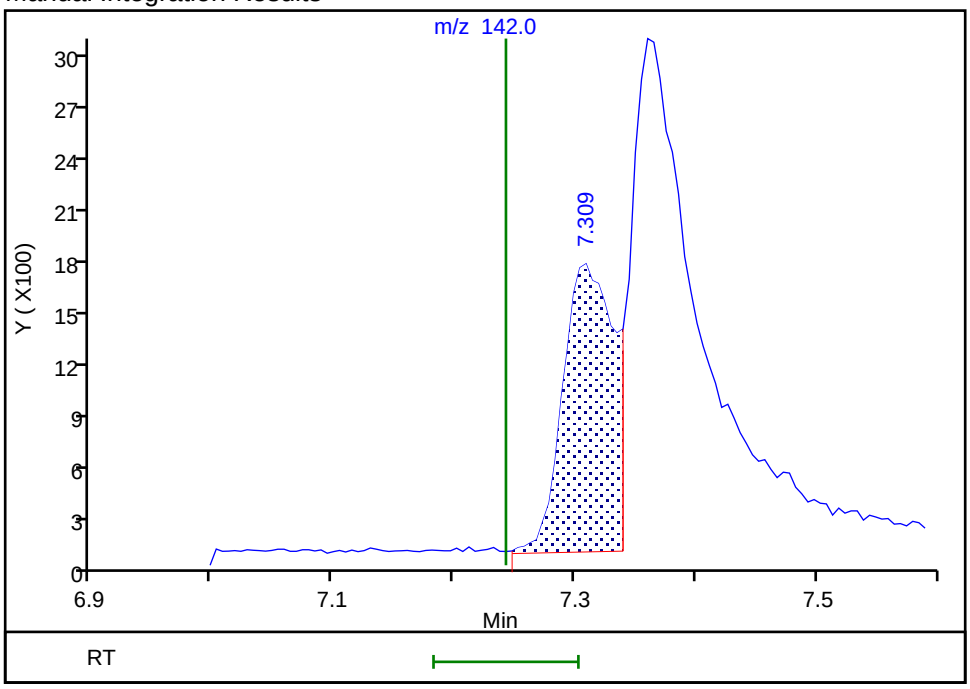
Not Detected
Expected RT: 7.24

Processing Integration Results



Manual Integration Results

RT: 7.31
Area: 4828
Amount: 13.861861
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:36:22
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins FGS, Seattle

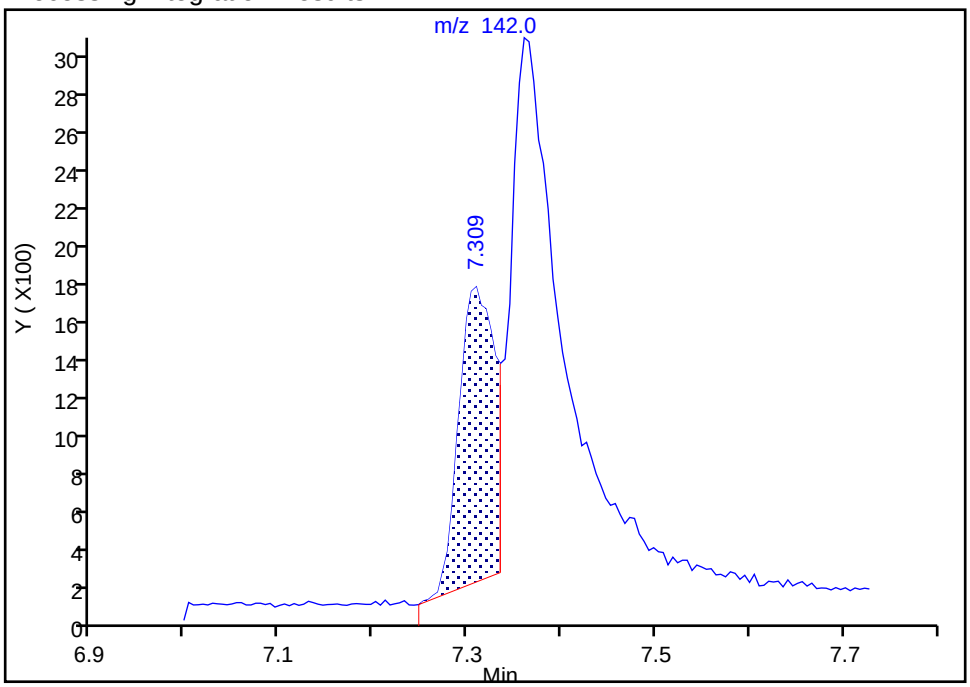
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D
Injection Date: 05-Oct-2021 21:27:30 Instrument ID: SEA101
Lims ID: std5
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

14 1-Methylnaphthalene, CAS: 90-12-0

Signal: 1

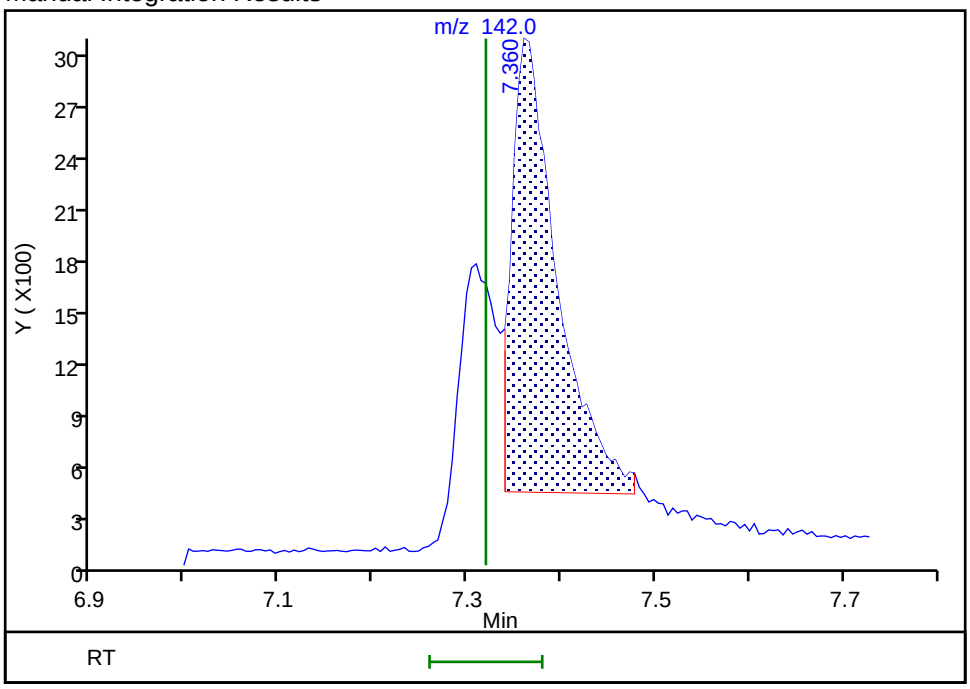
Processing Integration Results

RT: 7.31
Area: 3965
Amount: 10.872541
Amount Units: ug/L



Manual Integration Results

RT: 7.36
Area: 8603
Amount: 21.636624
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:31:38
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins FGS, Seattle

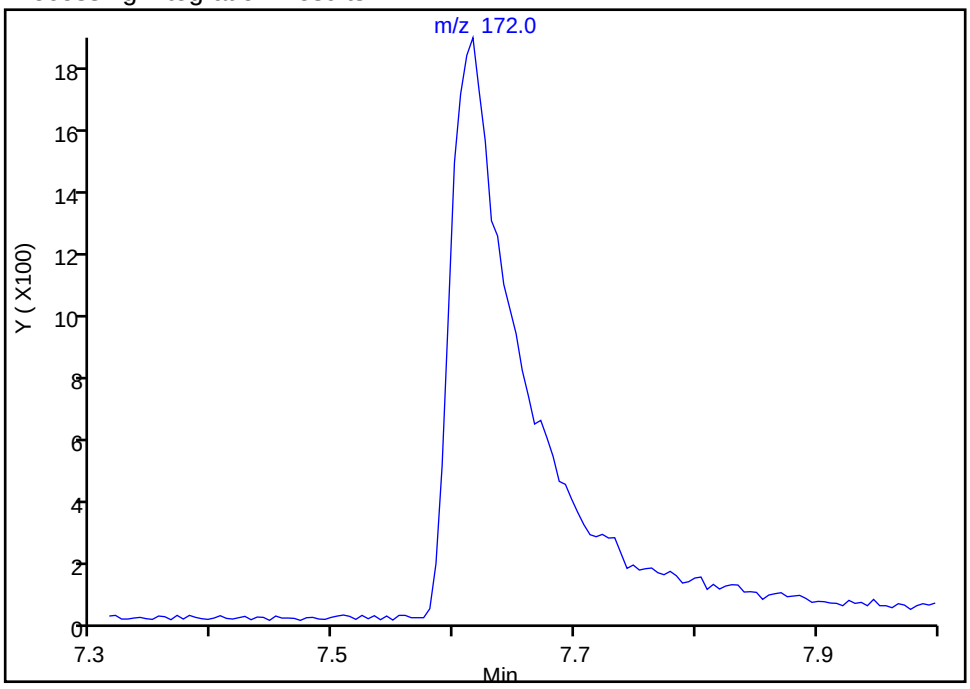
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D
Injection Date: 05-Oct-2021 21:27:30 Instrument ID: SEA101
Lims ID: std5
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 8 2-Fluorobiphenyl, CAS: 321-60-8

Signal: 1

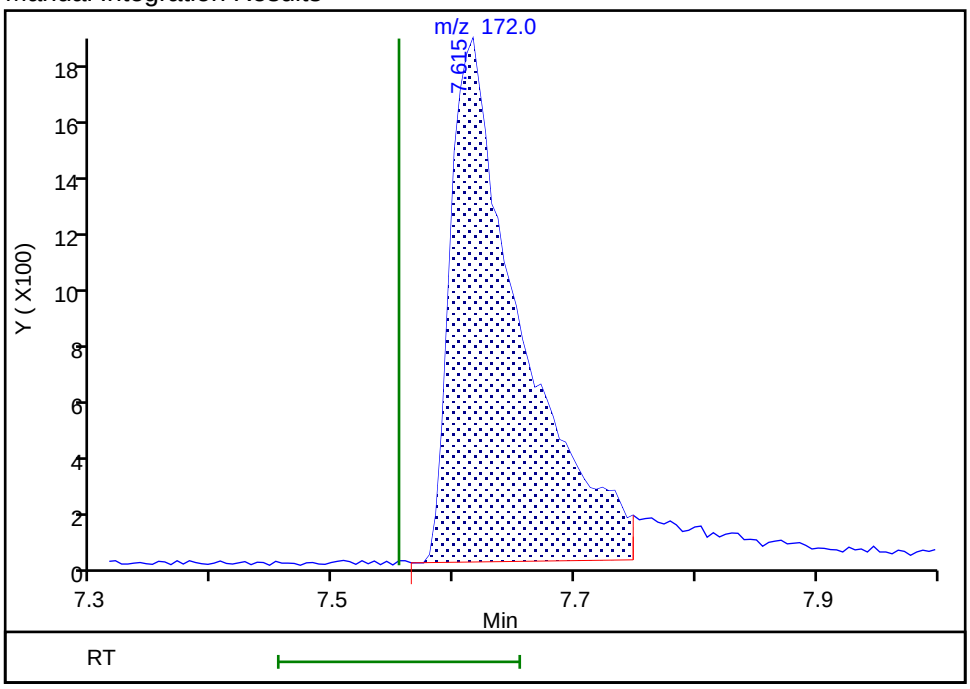
Processing Integration Results

Not Detected
Expected RT: 7.55



Manual Integration Results

RT: 7.62
Area: 7003
Amount: 18.799215
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:35:45
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

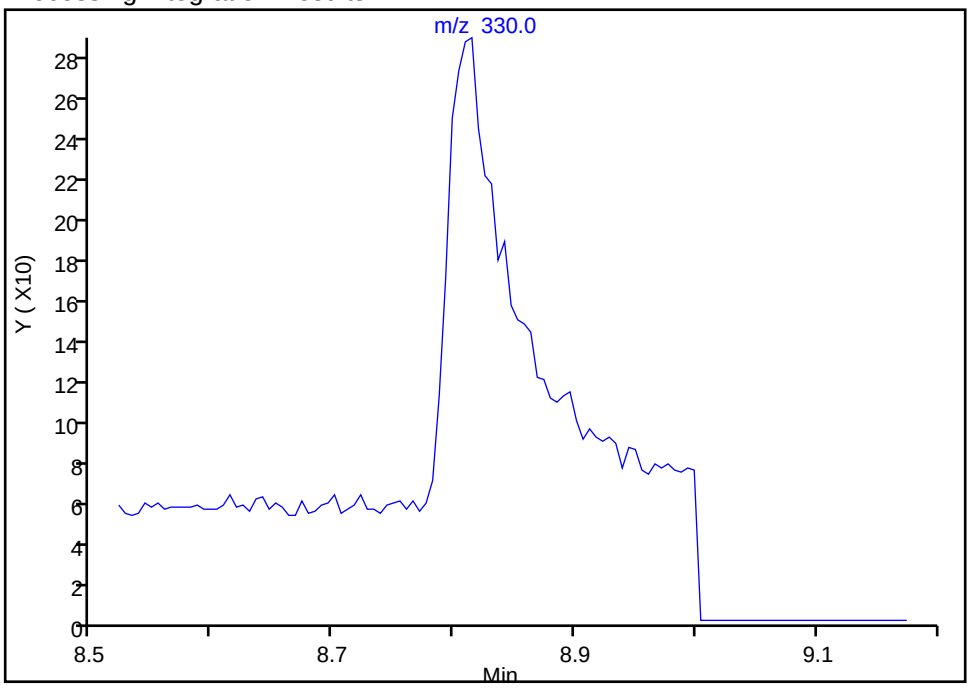
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D
Injection Date: 05-Oct-2021 21:27:30 Instrument ID: SEA101
Lims ID: std5
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 9 2,4,6-Tribromophenol, CAS: 118-79-6

Signal: 1

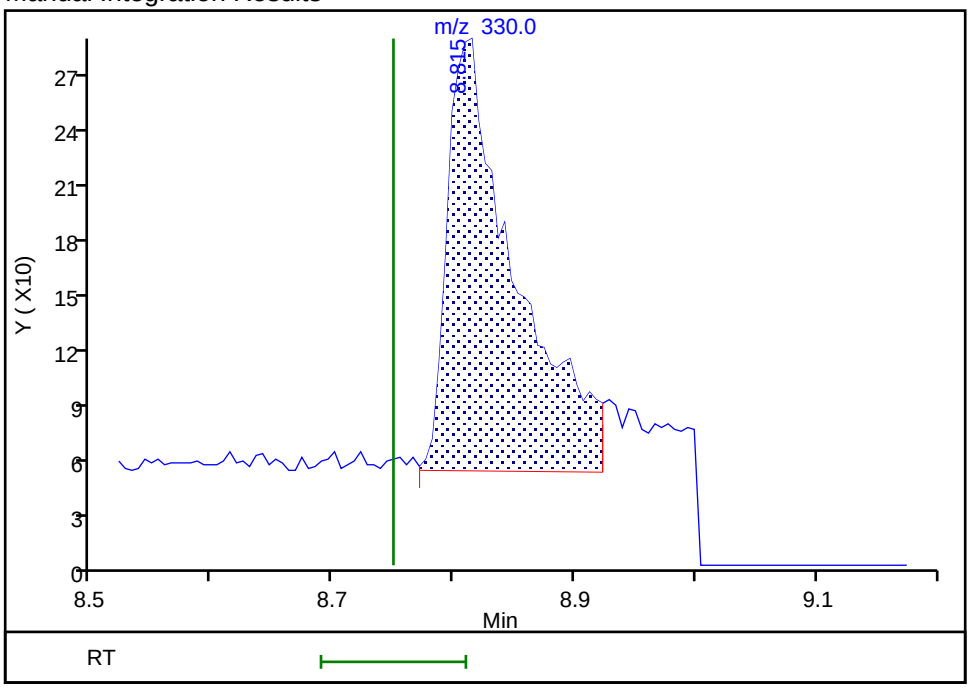
Not Detected
Expected RT: 8.75

Processing Integration Results



Manual Integration Results

RT: 8.81
Area: 902
Amount: 20.990379
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:35:54
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

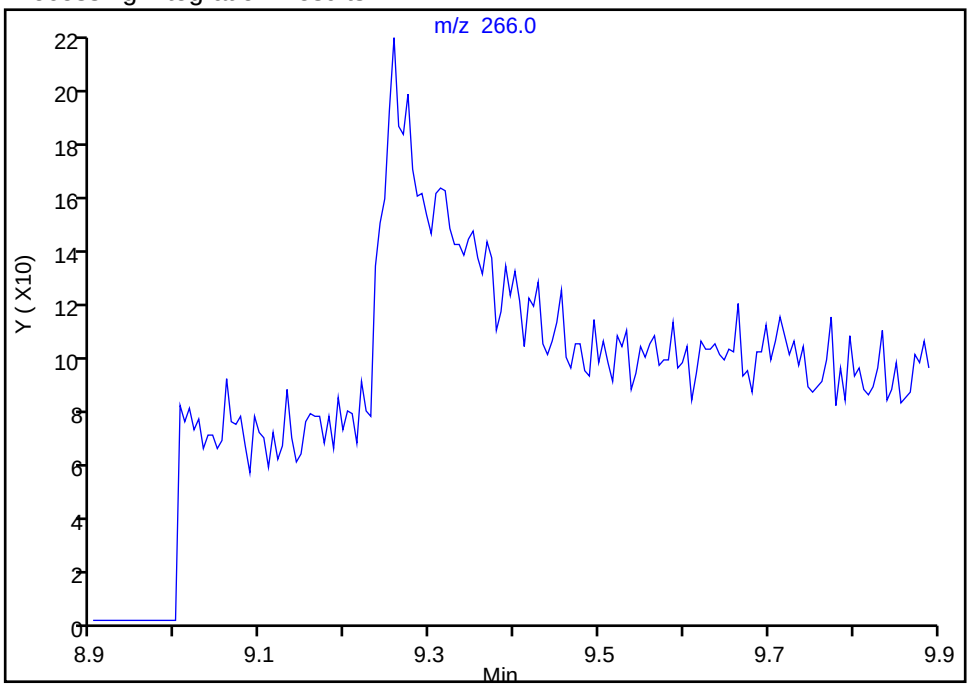
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D
Injection Date: 05-Oct-2021 21:27:30 Instrument ID: SEA101
Lims ID: std5
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

18 Pentachlorophenol, CAS: 87-86-5

Signal: 1

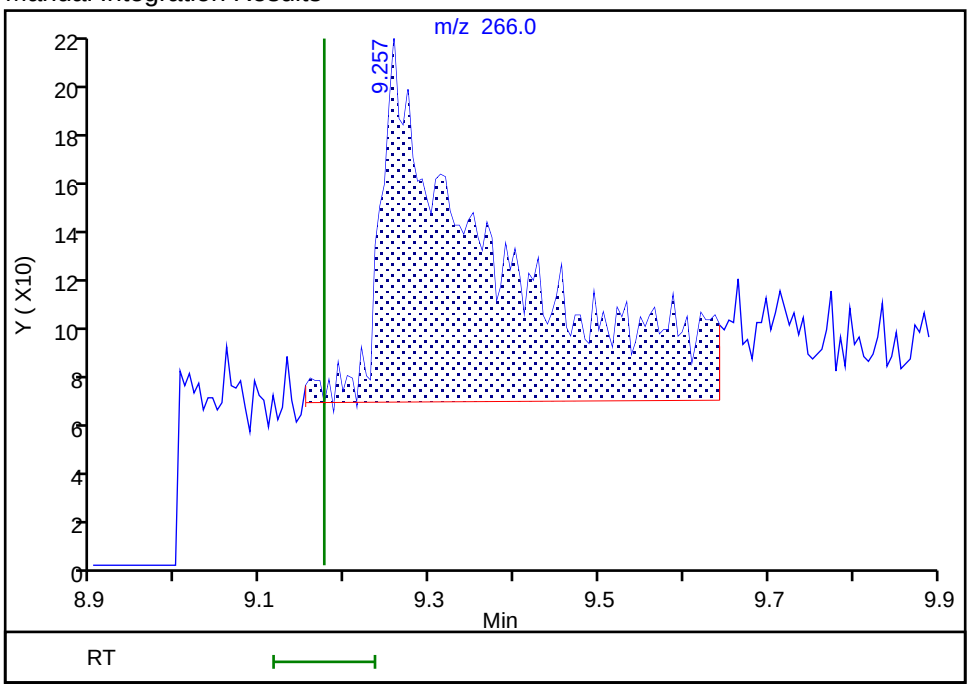
Not Detected
Expected RT: 9.17

Processing Integration Results



Manual Integration Results

RT: 9.26
Area: 1377
Amount: 46.028340
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:40:39
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

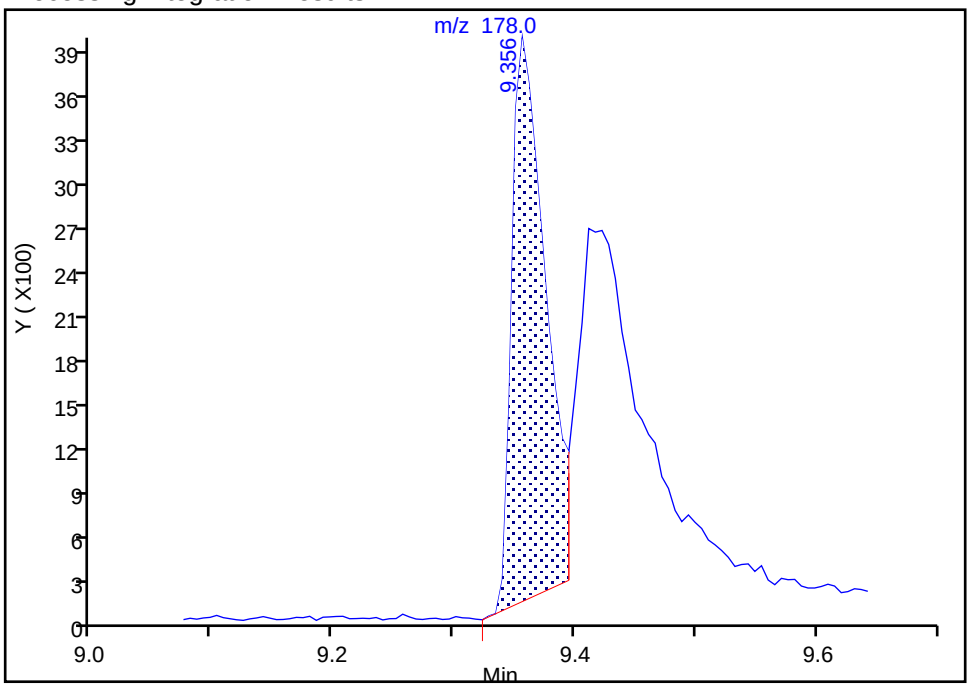
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D				
Injection Date:	05-Oct-2021 21:27:30	Instrument ID:	SEA101		
Lims ID:	std5				
Client ID:					
Operator ID:	TL	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

19 Phenanthrene, CAS: 85-01-8

Signal: 1

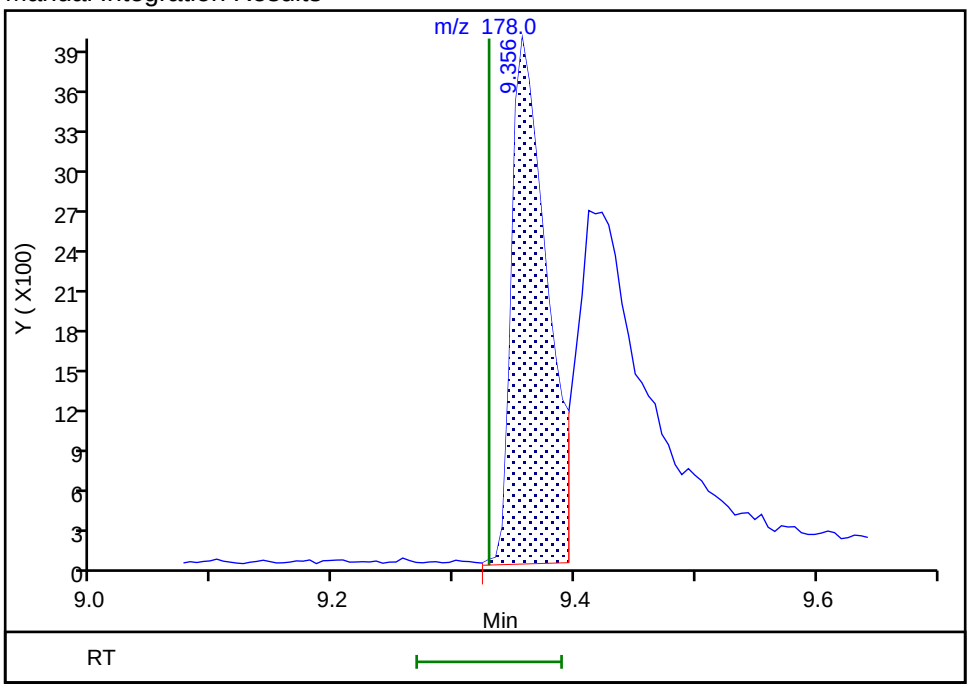
Processing Integration Results

RT: 9.36
Area: 7165
Amount: 17.843067
Amount Units: ug/L



Manual Integration Results

RT: 9.36
Area: 7755
Amount: 18.808105
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:36:59

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

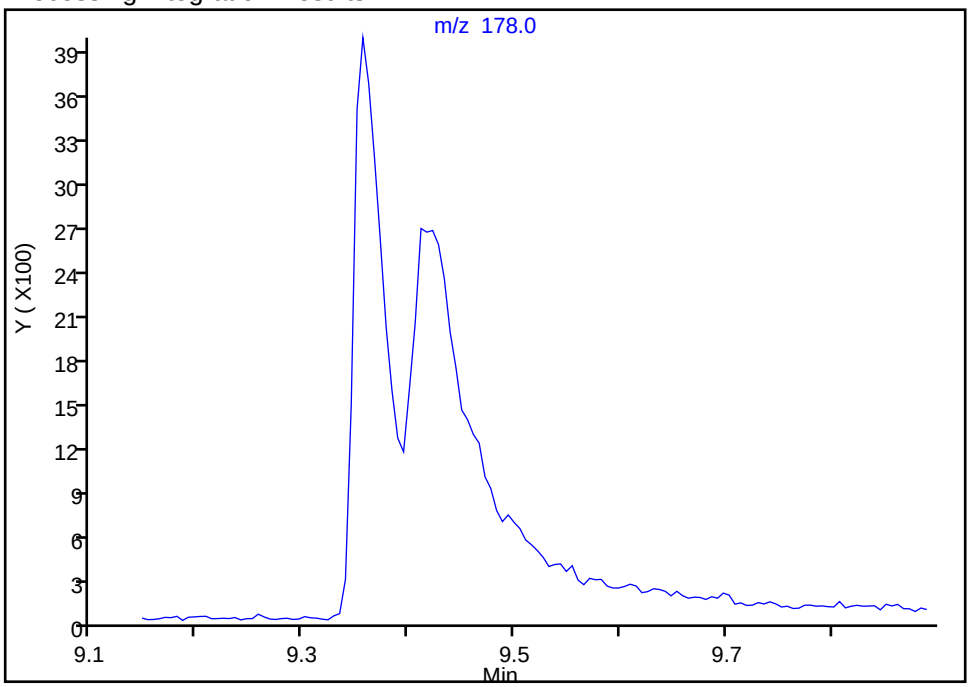
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D				
Injection Date:	05-Oct-2021 21:27:30	Instrument ID:	SEA101		
Lims ID:	std5				
Client ID:					
Operator ID:	TL	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

20 Anthracene, CAS: 120-12-7

Signal: 1

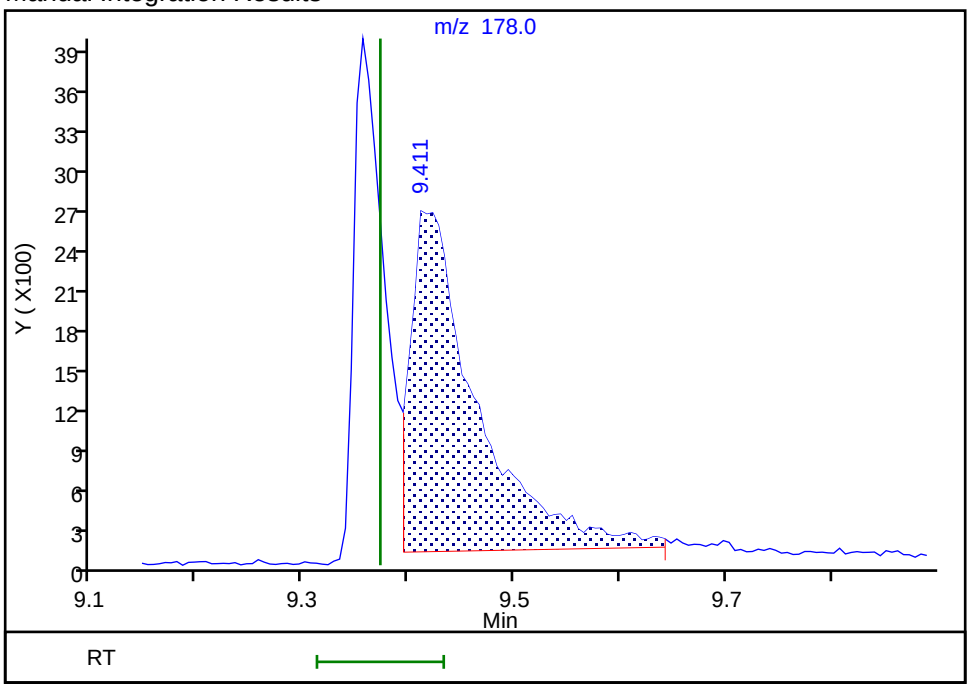
Not Detected
Expected RT: 9.37

Processing Integration Results



Manual Integration Results

RT: 9.41
Area: 10778
Amount: 19.936762
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:37:09
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

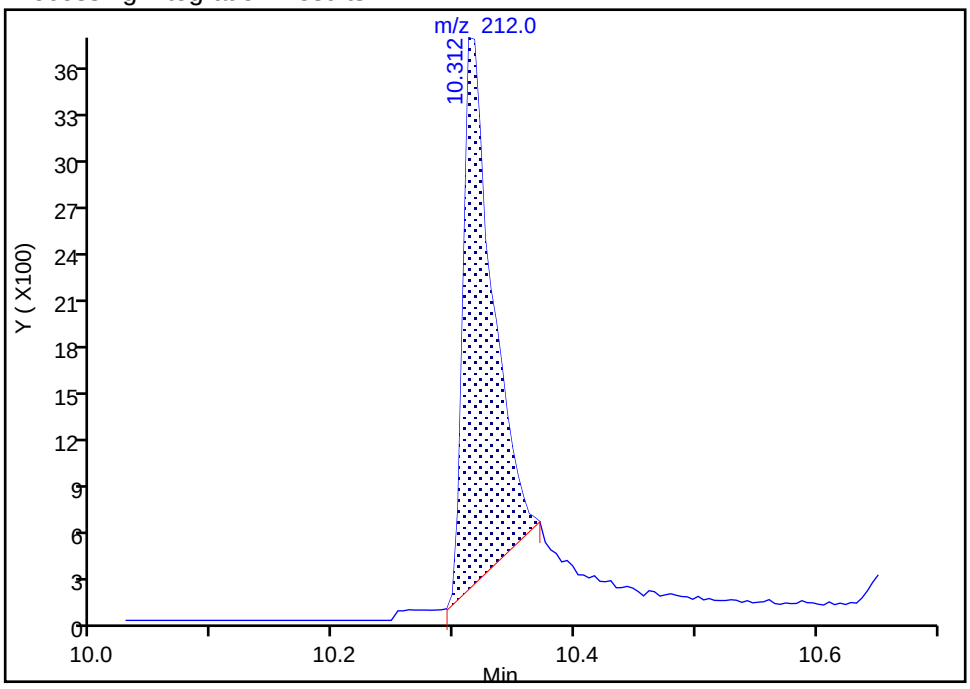
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D
Injection Date: 05-Oct-2021 21:27:30 Instrument ID: SEA101
Lims ID: std5
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 10 Fluoranthene-d10 (Surr), CAS: 93951-69-0

Signal: 1

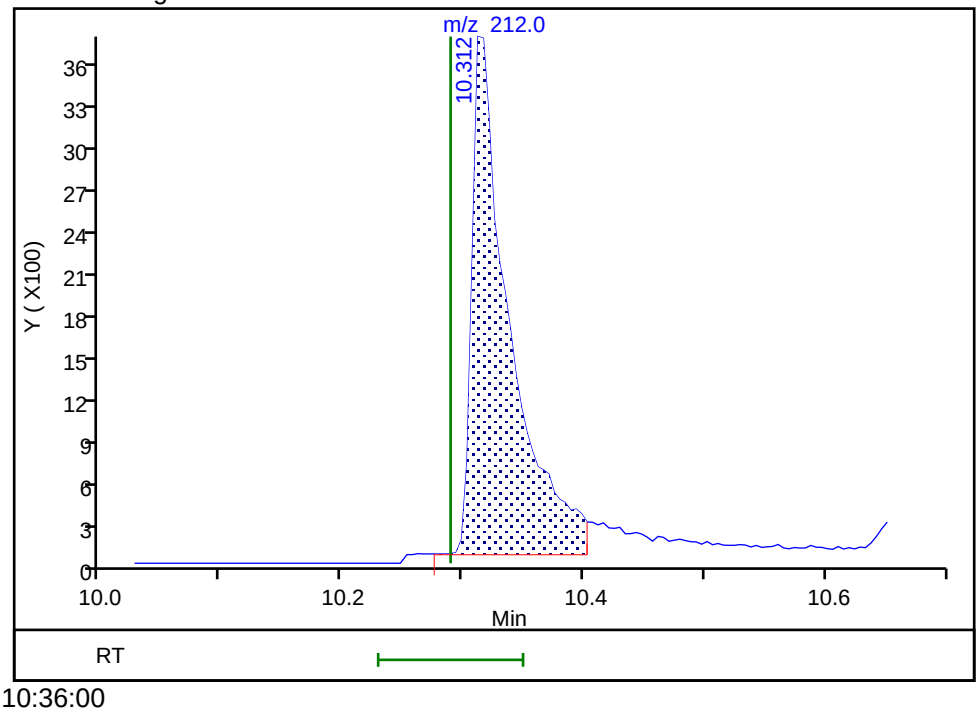
Processing Integration Results

RT: 10.31
Area: 5991
Amount: 16.042506
Amount Units: ug/L



Manual Integration Results

RT: 10.31
Area: 8044
Amount: 19.931980
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:36:00
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

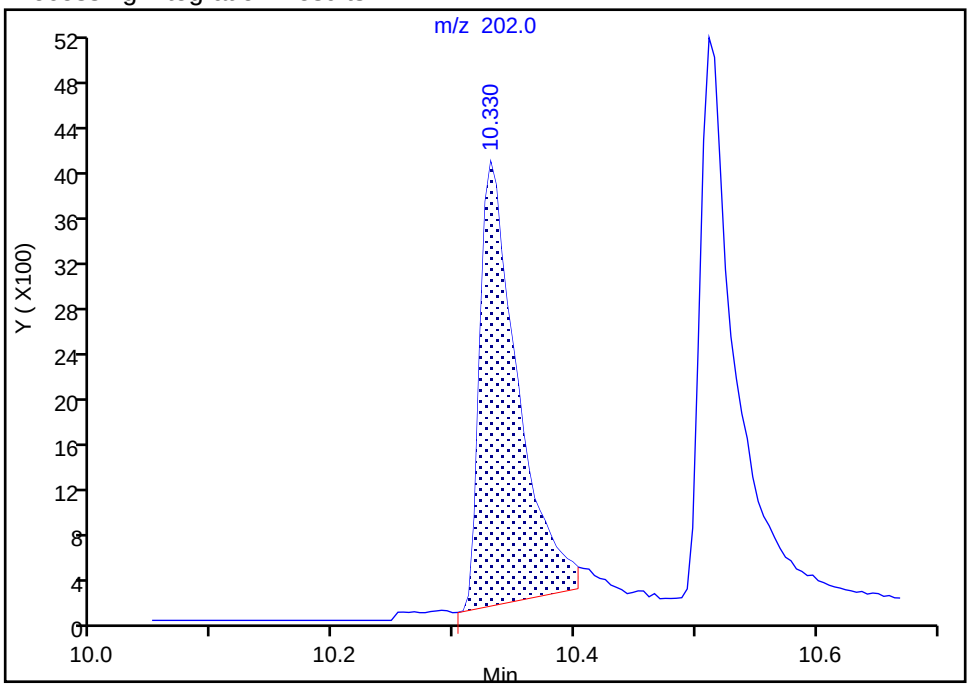
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D
Injection Date: 05-Oct-2021 21:27:30 Instrument ID: SEA101
Lims ID: std5
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

21 Fluoranthene, CAS: 206-44-0

Signal: 1

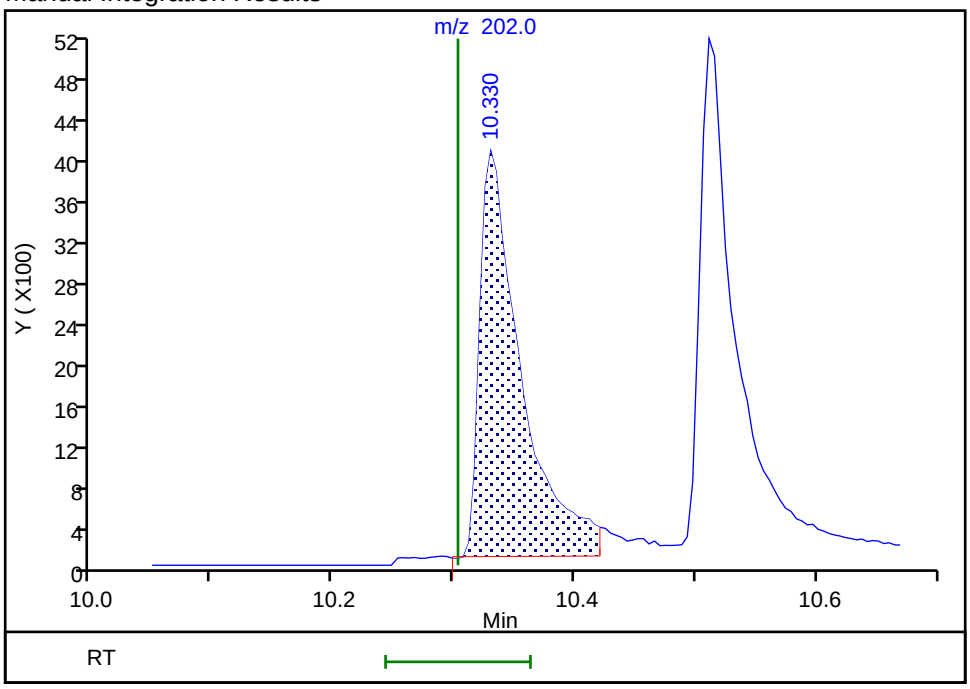
Processing Integration Results

RT: 10.33
Area: 8482
Amount: 19.024758
Amount Units: ug/L



Manual Integration Results

RT: 10.33
Area: 9374
Amount: 20.298853
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:37:15
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

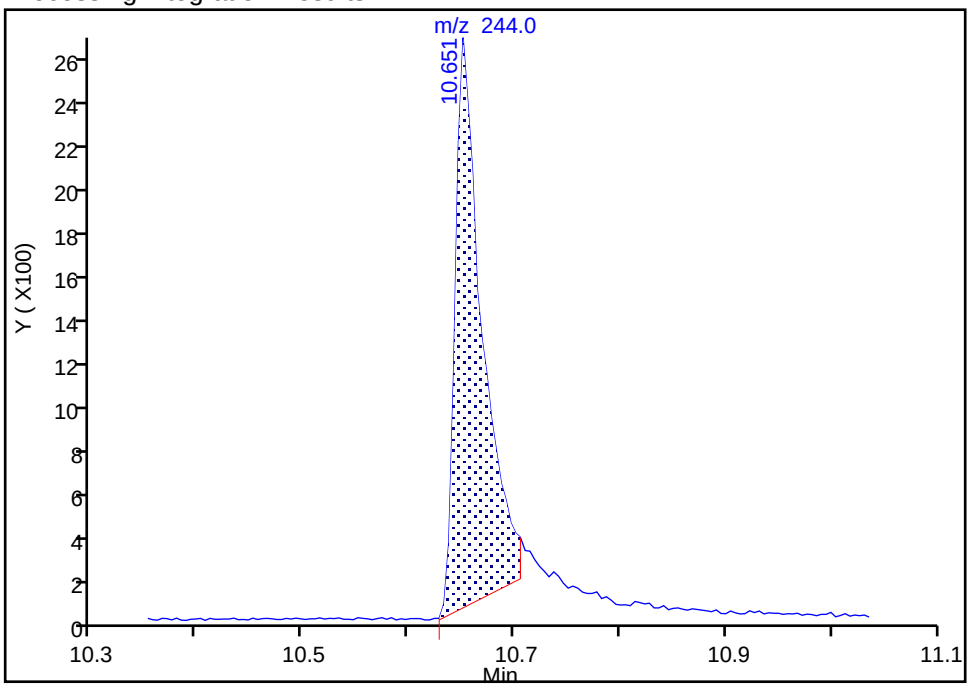
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D
Injection Date: 05-Oct-2021 21:27:30 Instrument ID: SEA101
Lims ID: std5
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 11 Terphenyl-d14, CAS: 1718-51-0

Signal: 1

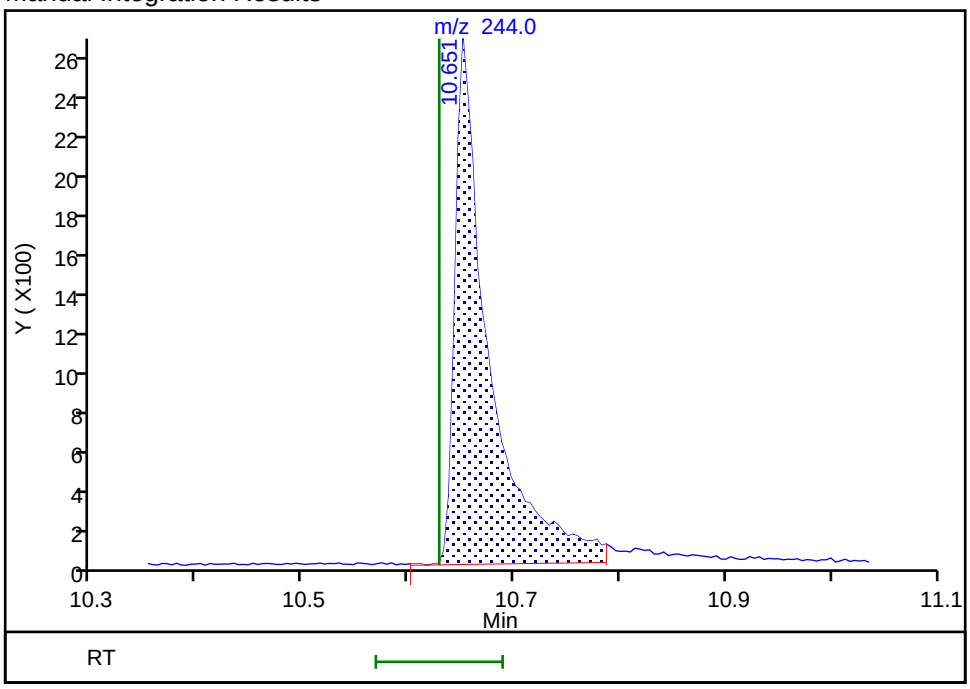
Processing Integration Results

RT: 10.65
Area: 4530
Amount: 17.515415
Amount Units: ug/L



Manual Integration Results

RT: 10.65
Area: 5826
Amount: 21.139358
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:36:05
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

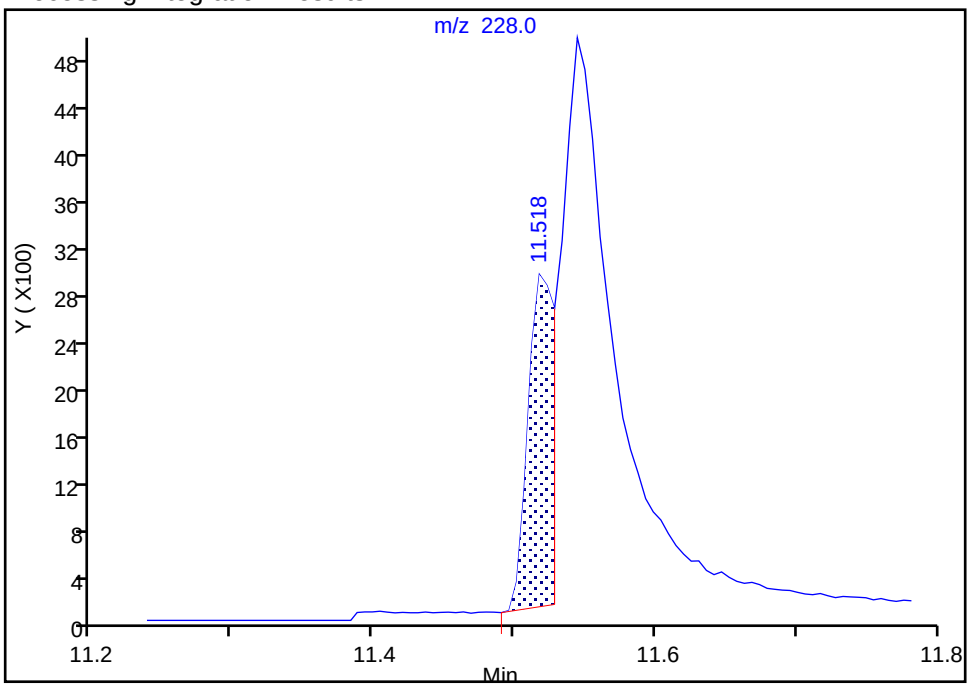
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D				
Injection Date:	05-Oct-2021 21:27:30	Instrument ID:	SEA101		
Lims ID:	std5				
Client ID:					
Operator ID:	TL	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

23 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

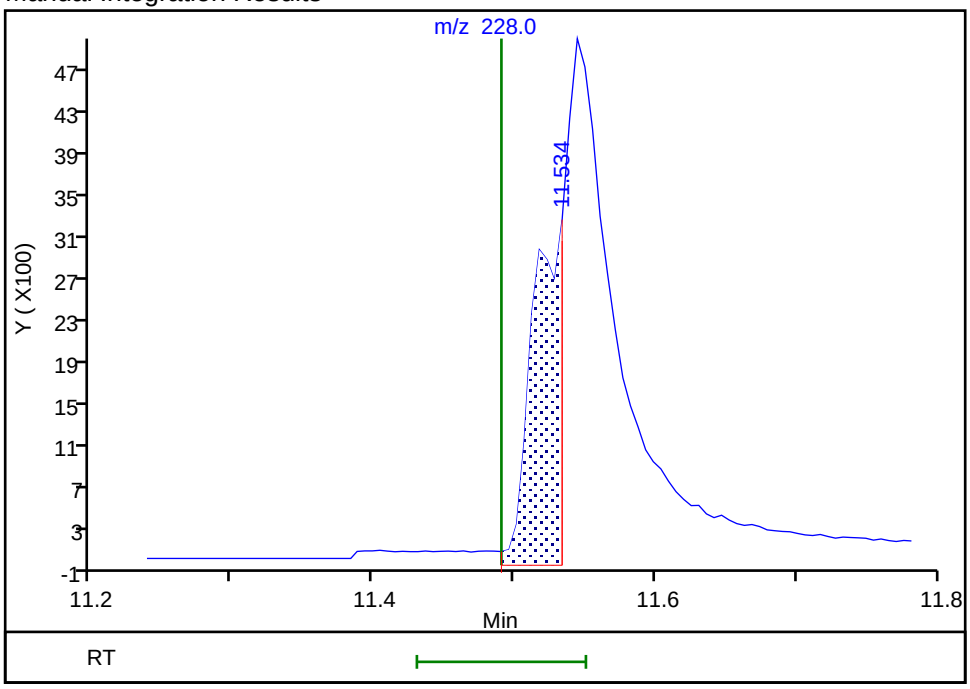
Processing Integration Results

RT: 11.52
Area: 3343
Amount: 10.124434
Amount Units: ug/L



Manual Integration Results

RT: 11.53
Area: 4693
Amount: 16.548401
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:48:53

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

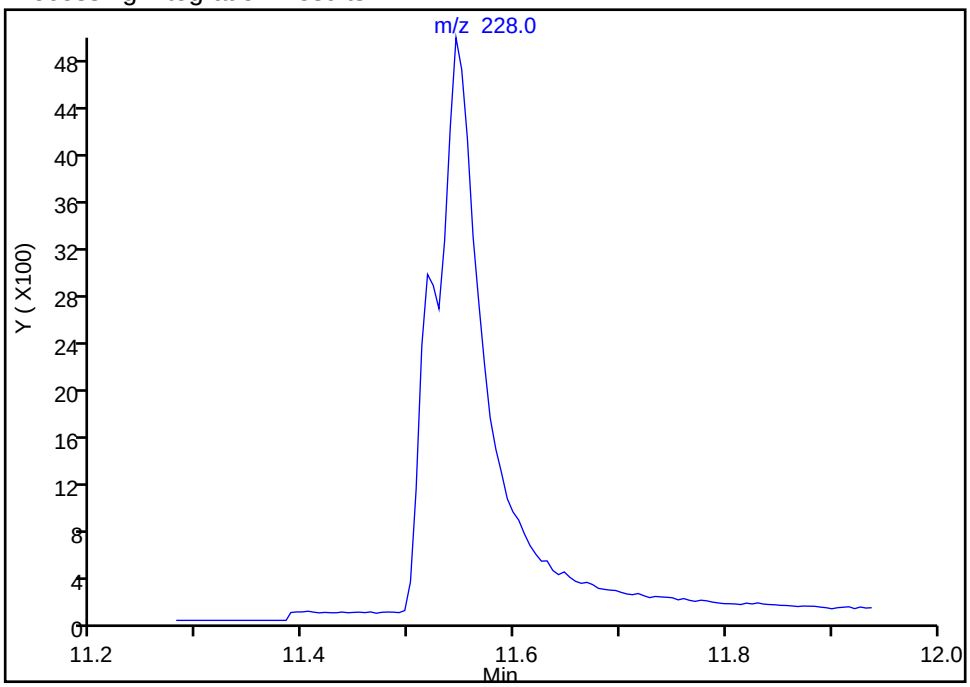
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D
Injection Date: 05-Oct-2021 21:27:30 Instrument ID: SEA101
Lims ID: std5
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

24 Chrysene, CAS: 218-01-9

Signal: 1

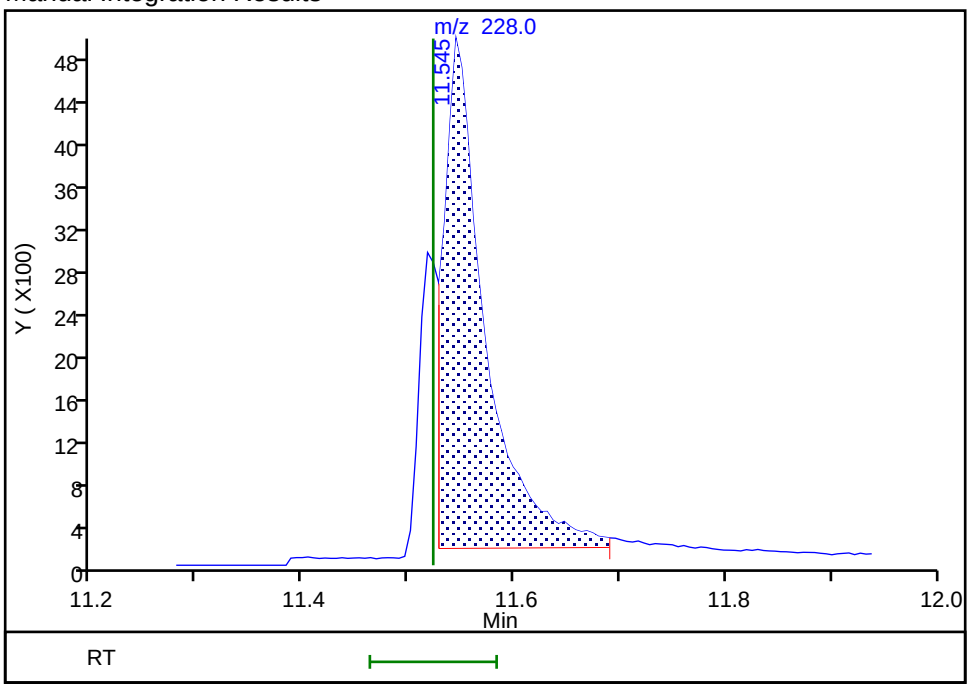
Not Detected
Expected RT: 11.52

Processing Integration Results



Manual Integration Results

RT: 11.54
Area: 12800
Amount: 21.764840
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:37:46
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

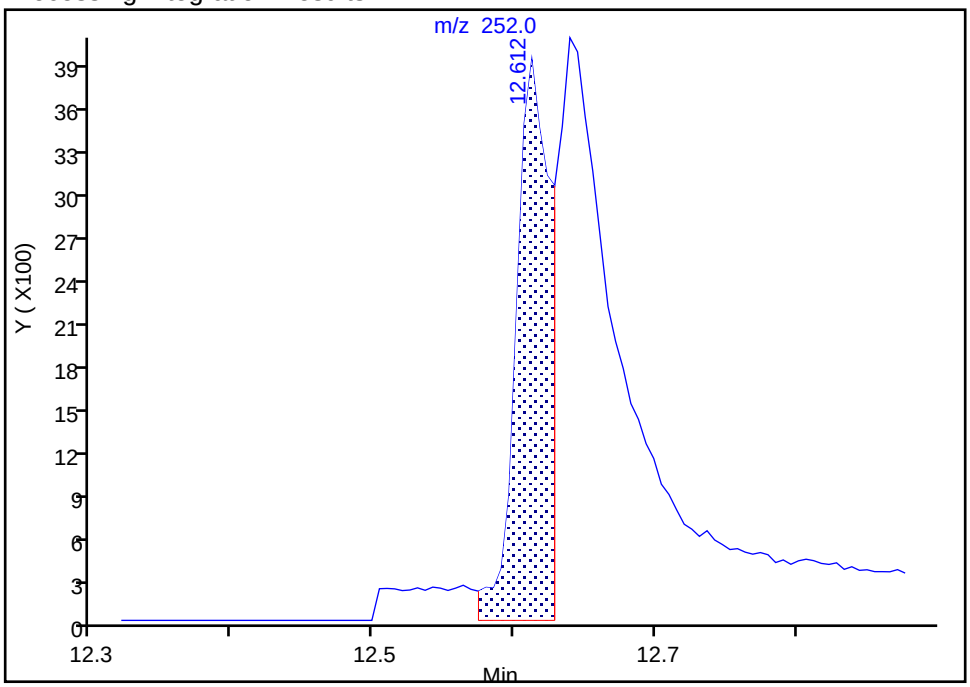
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D				
Injection Date:	05-Oct-2021 21:27:30	Instrument ID:	SEA101		
Lims ID:	std5				
Client ID:					
Operator ID:	TL	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

25 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

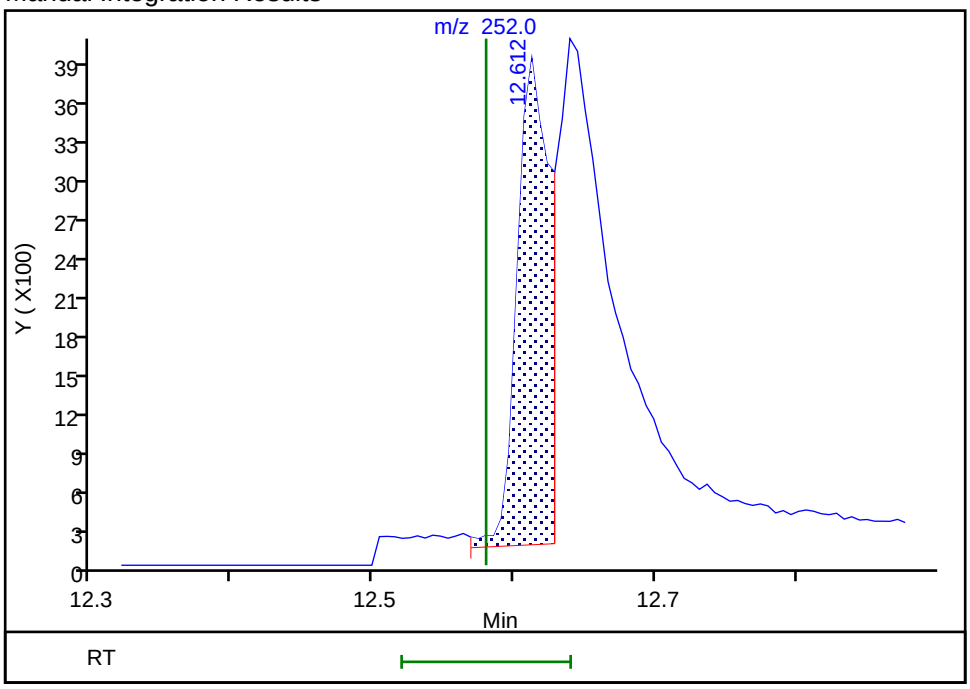
Processing Integration Results

RT: 12.61
Area: 6239
Amount: 17.776481
Amount Units: ug/L



Manual Integration Results

RT: 12.61
Area: 5773
Amount: 18.383527
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:38:04

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

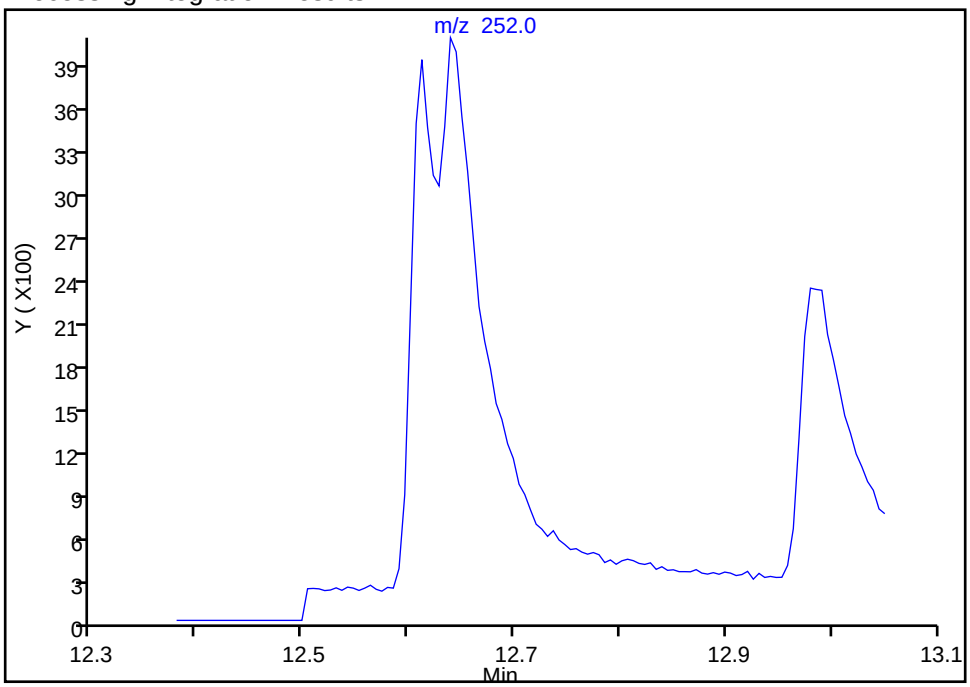
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D
Injection Date: 05-Oct-2021 21:27:30 Instrument ID: SEA101
Lims ID: std5
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

26 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

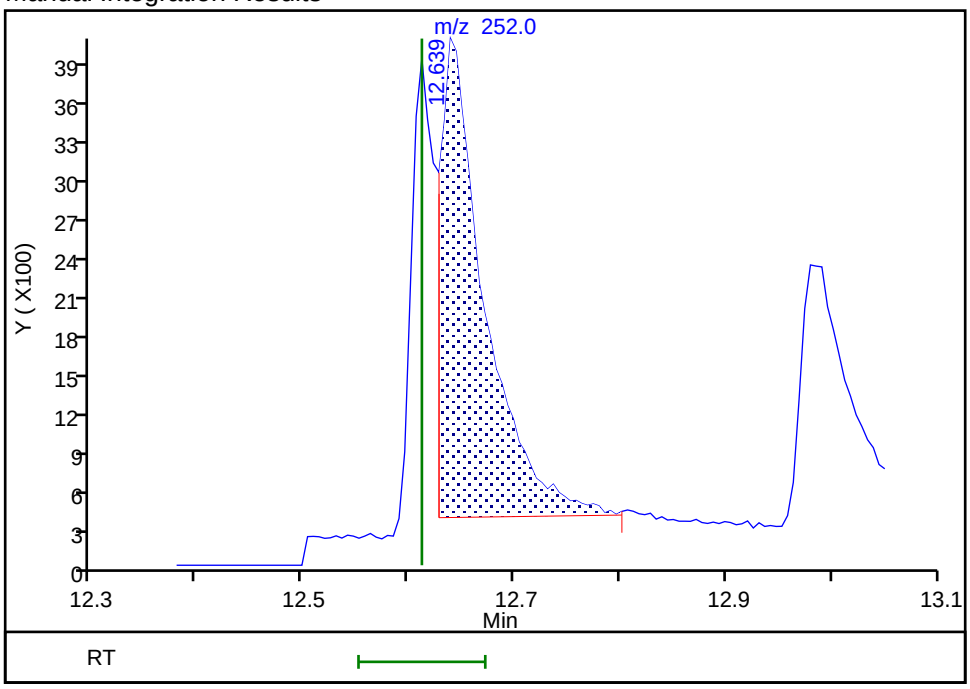
Not Detected
Expected RT: 12.61

Processing Integration Results



Manual Integration Results

RT: 12.64
Area: 10265
Amount: 16.898221
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:38:15
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

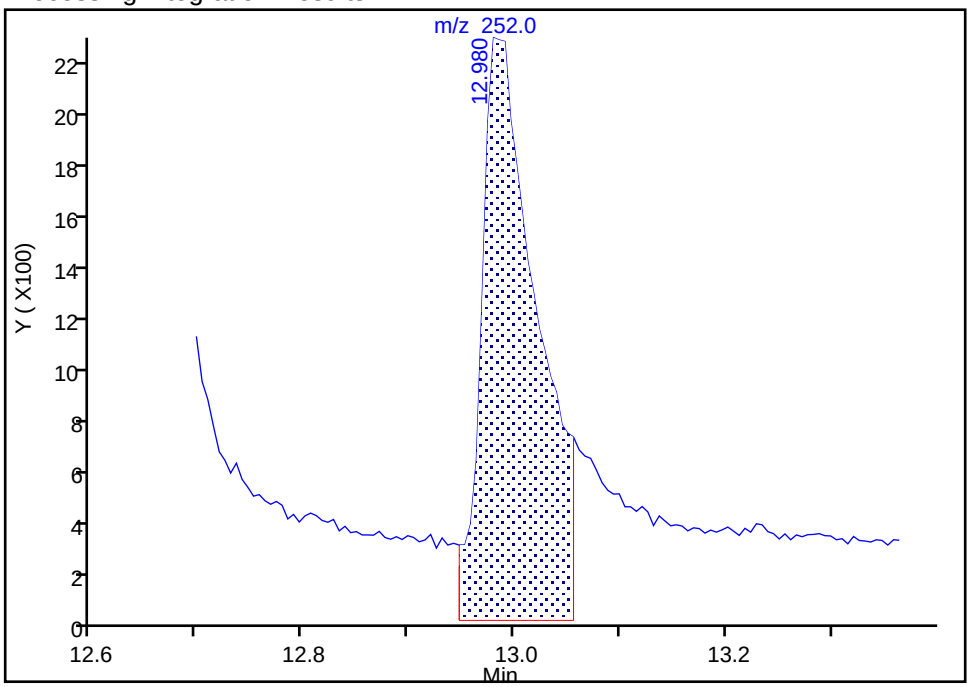
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D
Injection Date: 05-Oct-2021 21:27:30 Instrument ID: SEA101
Lims ID: std5
Client ID:
Operator ID: TL ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

27 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

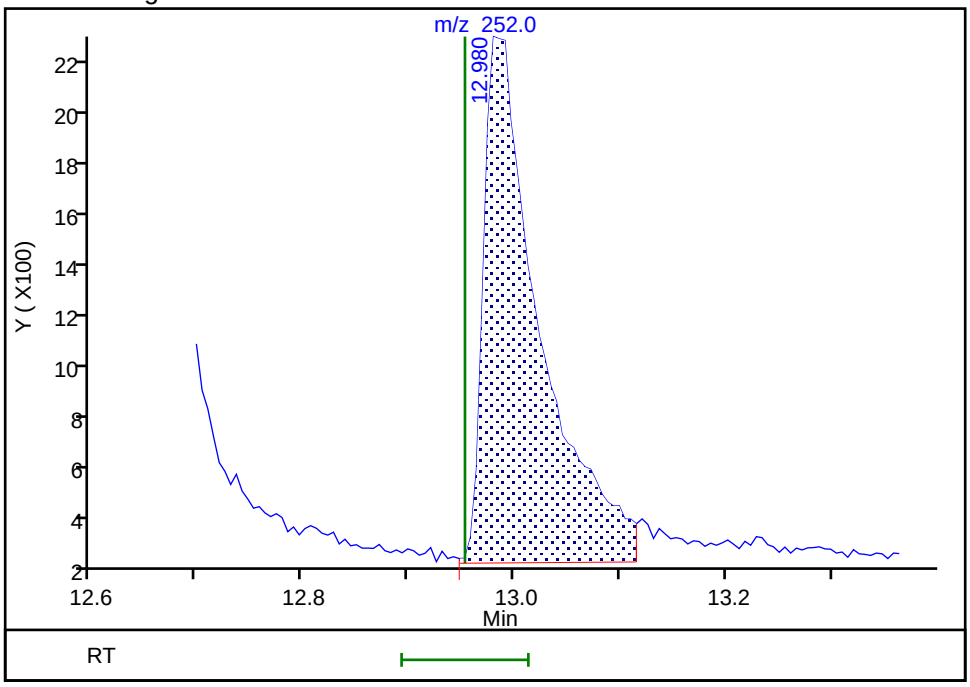
Processing Integration Results

RT: 12.98
Area: 8311
Amount: 21.403380
Amount Units: ug/L



Manual Integration Results

RT: 12.98
Area: 7452
Amount: 18.496527
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:38:22
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

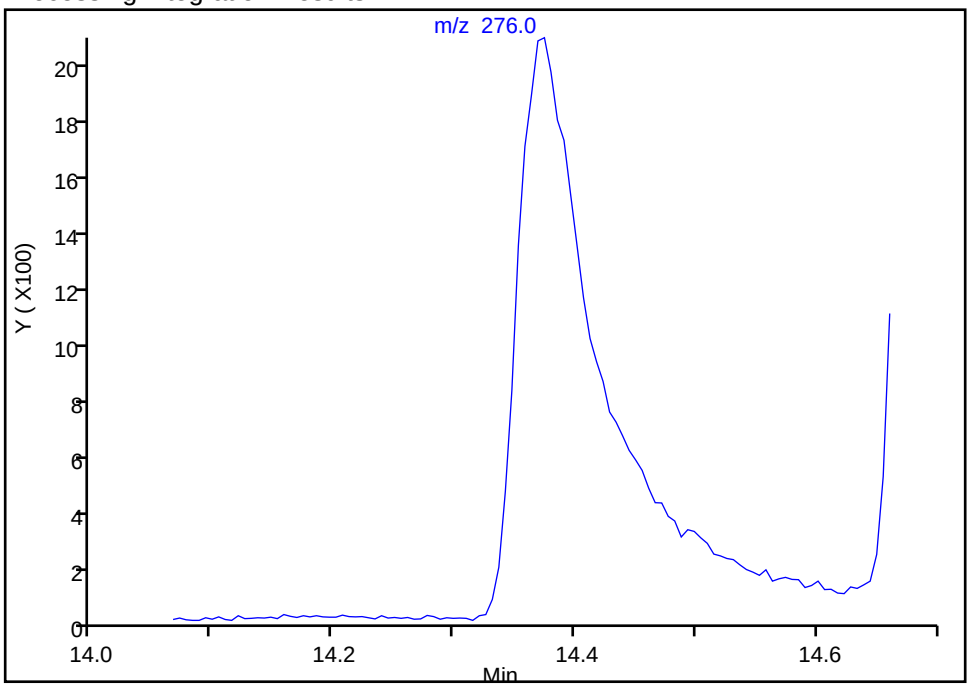
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D				
Injection Date:	05-Oct-2021 21:27:30	Instrument ID:	SEA101		
Lims ID:	std5				
Client ID:					
Operator ID:	TL	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

28 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

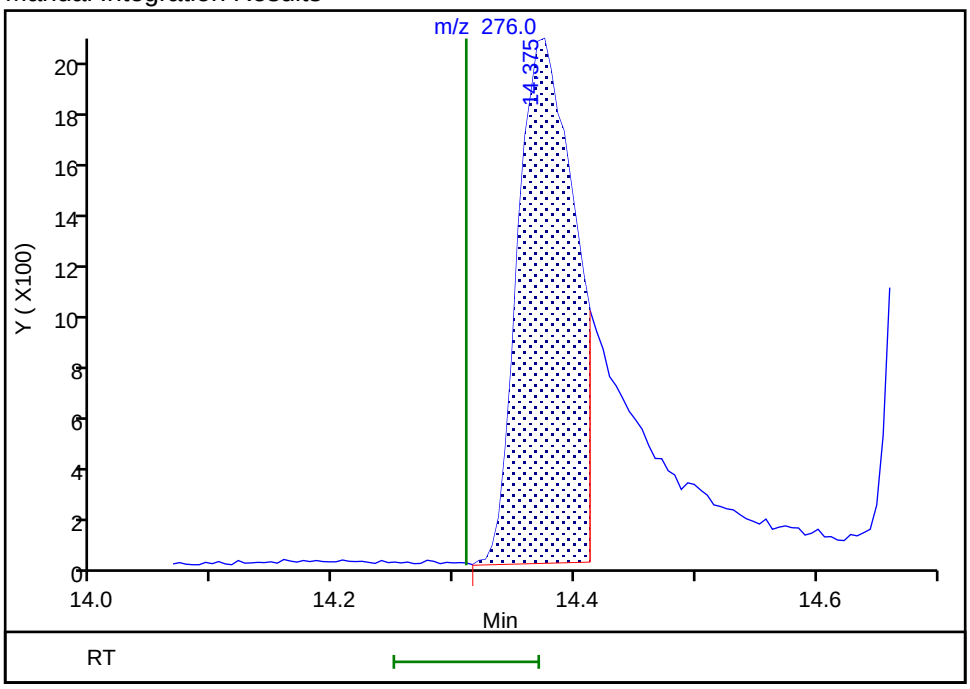
Not Detected
Expected RT: 14.31

Processing Integration Results



Manual Integration Results

RT: 14.37
Area: 6408
Amount: 19.450156
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:38:47
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

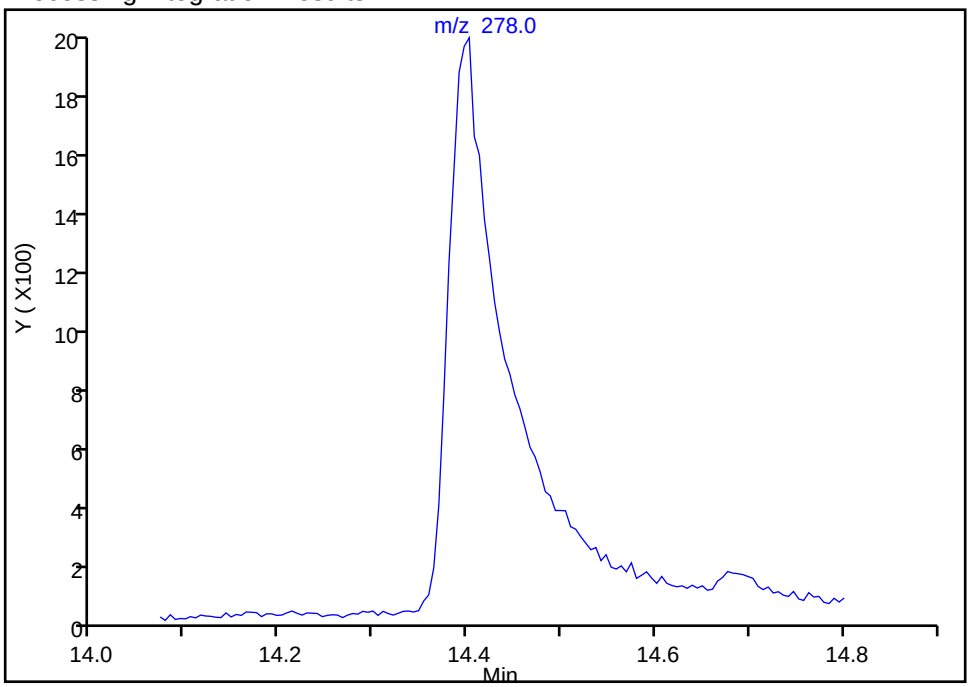
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D				
Injection Date:	05-Oct-2021 21:27:30	Instrument ID:	SEA101		
Lims ID:	std5				
Client ID:					
Operator ID:	TL	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

29 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

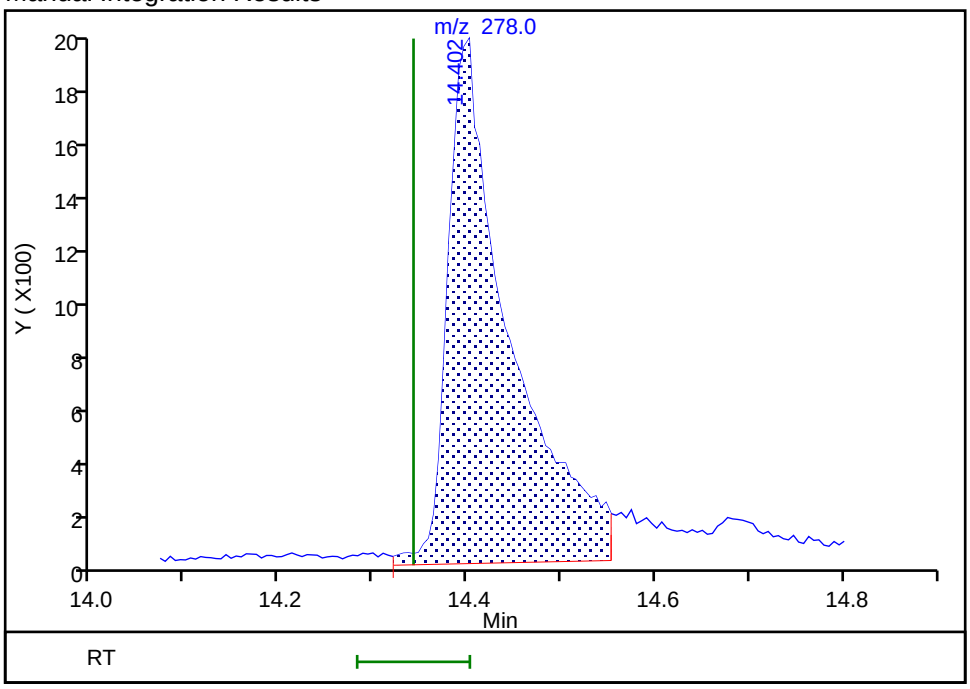
Not Detected
Expected RT: 14.34

Processing Integration Results



Manual Integration Results

RT: 14.40
Area: 8569
Amount: 18.828338
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:38:53
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

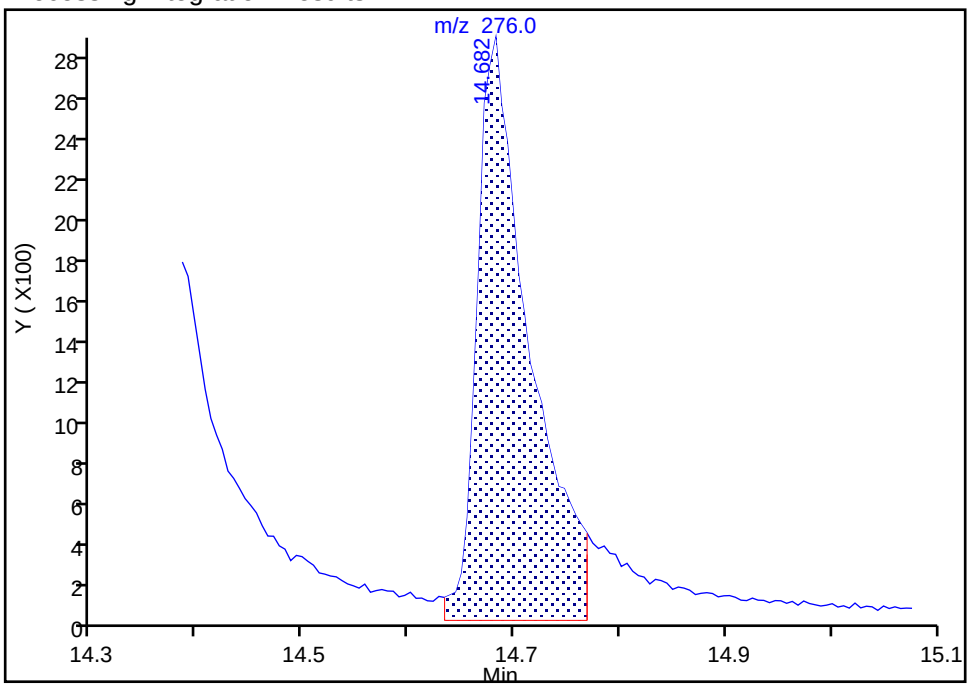
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a027.D				
Injection Date:	05-Oct-2021 21:27:30	Instrument ID:	SEA101		
Lims ID:	std5				
Client ID:					
Operator ID:	TL	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

30 Benzo[g,h,i]perylene, CAS: 191-24-2

Signal: 1

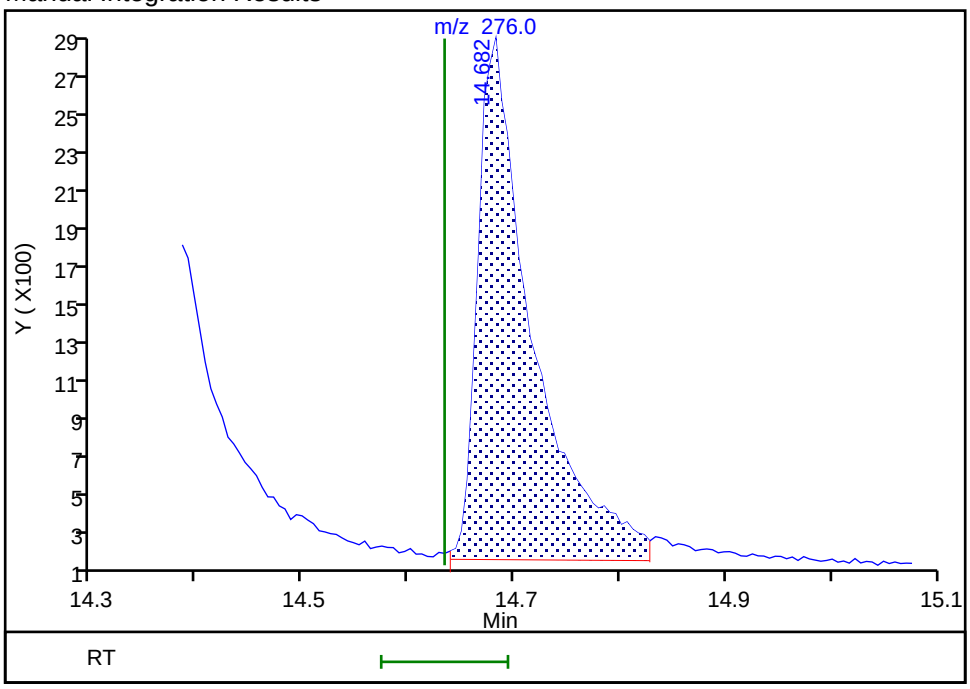
Processing Integration Results

RT: 14.68
Area: 9601
Amount: 20.283325
Amount Units: ug/L



Manual Integration Results

RT: 14.68
Area: 9744
Amount: 20.096353
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:39:00

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins FGS, Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Lims ID: std4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 05-Oct-2021 21:51:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 4
Operator ID: TL Instrument ID: SEA101
Sublist: chrom-8270_SIM_SEA101*sub12

Method: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 22-Oct-2021 13:13:06 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: limmere Date: 06-Oct-2021 10:43:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.552	5.507	0.045	1	30117	100.0	100.0	M
* 2 Naphthalene-d8	136	6.656	6.636	0.020	1	39372	100.0	100.0	
* 3 Acenaphthene-d10	164	8.117	8.097	0.020	1	26135	100.0	100.0	
* 4 Phenanthrene-d10	188	9.345	9.312	0.033	1	41300	100.0	100.0	M
* 5 Chrysene-d12	240	11.528	11.501	0.027	1	29207	100.0	100.0	
* 6 Perylene-d12	264	13.040	13.023	0.017	1	29135	100.0	100.0	
$ 7 2-methylnaphthalene-d10	152	7.304	7.217	0.087	98	2977	10.0	12.8	M
$ 8 2-Fluorobiphenyl	172	7.641	7.554	0.087	1	3830	10.0	10.6	Ma
$ 9 2,4,6-Tribromophenol	330	8.815	8.750	0.065	1	418	10.0	12.8	M
$ 10 Fluoranthene-d10 (Surr)	212	10.326	10.290	0.036	99	4082	10.0	8.94	M
$ 11 Terphenyl-d14	244	10.656	10.629	0.027	1	3040	10.0	9.75	M
12 Naphthalene	128	6.676	6.656	0.020	1	5296	10.0	11.0	M
13 2-Methylnaphthalene	142	7.360	7.243	0.117	1	2239	10.0	9.18	M
14 1-Methylnaphthalene	142	7.381	7.319	0.062	1	3061	10.0	11.0	M
15 Acenaphthylene	152	8.018	7.983	0.035	1	4381	10.0	8.78	
16 Acenaphthene	153	8.142	8.122	0.020	1	3756	10.0	10.7	M
17 Fluorene	166	8.598	8.549	0.049	1	3798	10.0	10.6	M
18 Pentachlorophenol	266	9.296	9.175	0.121	1	300	20.0	18.9	M
19 Phenanthrene	178	9.362	9.329	0.033	1	3983	10.0	8.54	M
20 Anthracene	178	9.428	9.373	0.055	1	6840	10.0	9.66	M
21 Fluoranthene	202	10.339	10.303	0.036	1	3974	10.0	7.61	
22 Pyrene	202	10.520	10.488	0.032	22	5073	10.0	9.21	M
23 Benzo[a]anthracene	228	11.545	11.491	0.054	1	2865	10.0	10.6	M
24 Chrysene	228	11.550	11.523	0.027	1	6530	10.0	10.1	M
25 Benzo[b]fluoranthene	252	12.618	12.580	0.038	1	2161	10.0	8.30	M
26 Benzo[k]fluoranthene	252	12.650	12.612	0.038	1	6455	10.0	10.1	M
27 Benzo[a]pyrene	252	12.991	12.953	0.038	1	3758	10.0	9.65	M
28 Indeno[1,2,3-cd]pyrene	276	14.380	14.310	0.070	1	2974	10.0	9.34	M
29 Dibenz(a,h)anthracene	278	14.413	14.342	0.071	1	4802	10.0	10.0	M
30 Benzo[g,h,i]perylene	276	14.699	14.634	0.065	6	4734	10.0	10.1	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8270ccvl_50_00037	Amount Added: 200.00	Units: uL
8270SIM_IS_00069	Amount Added: 8.00	Units: uL

Report Date: 22-Oct-2021 13:13:07 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins FGS, Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D

Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101

Lims ID: std4

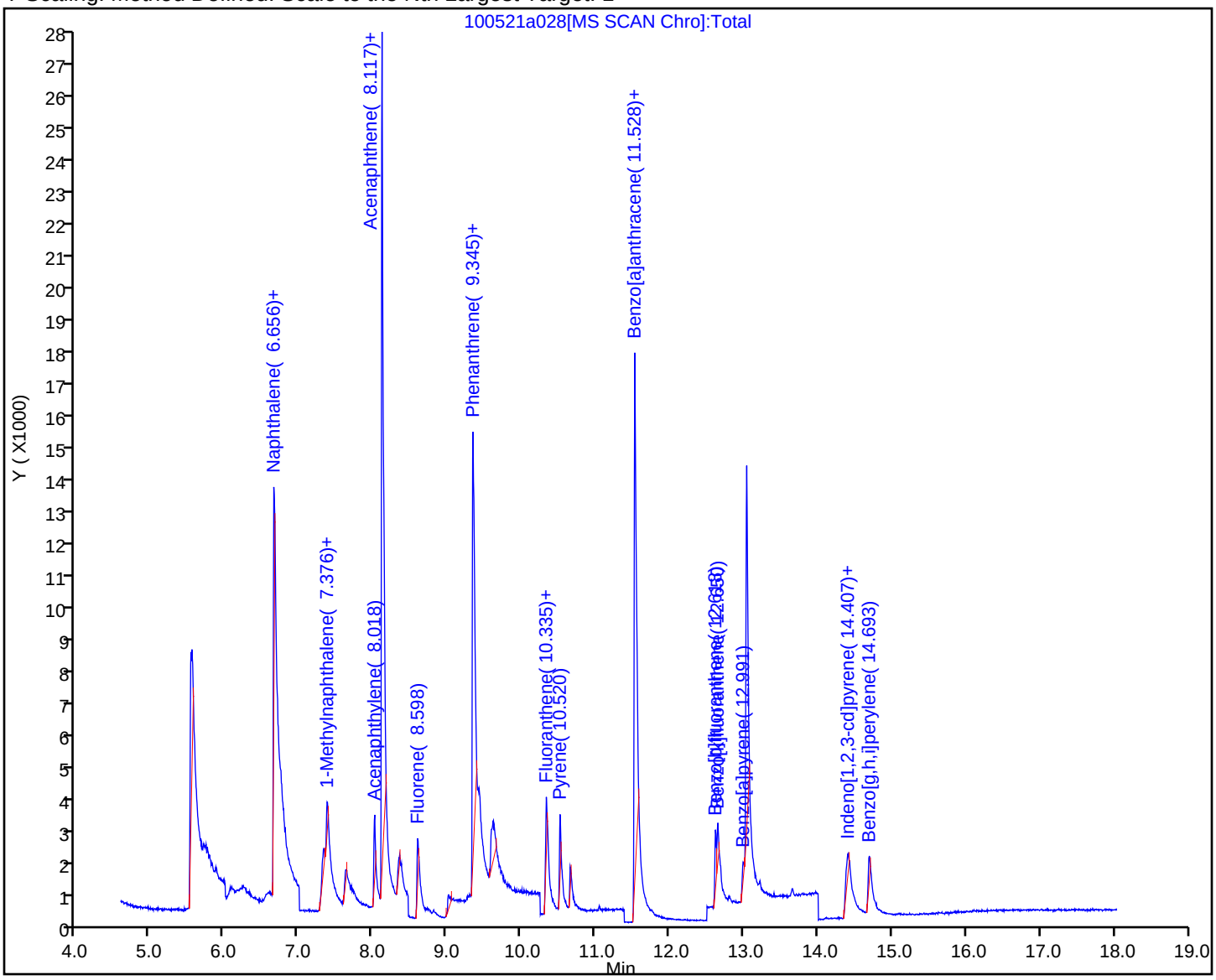
Client ID:

Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

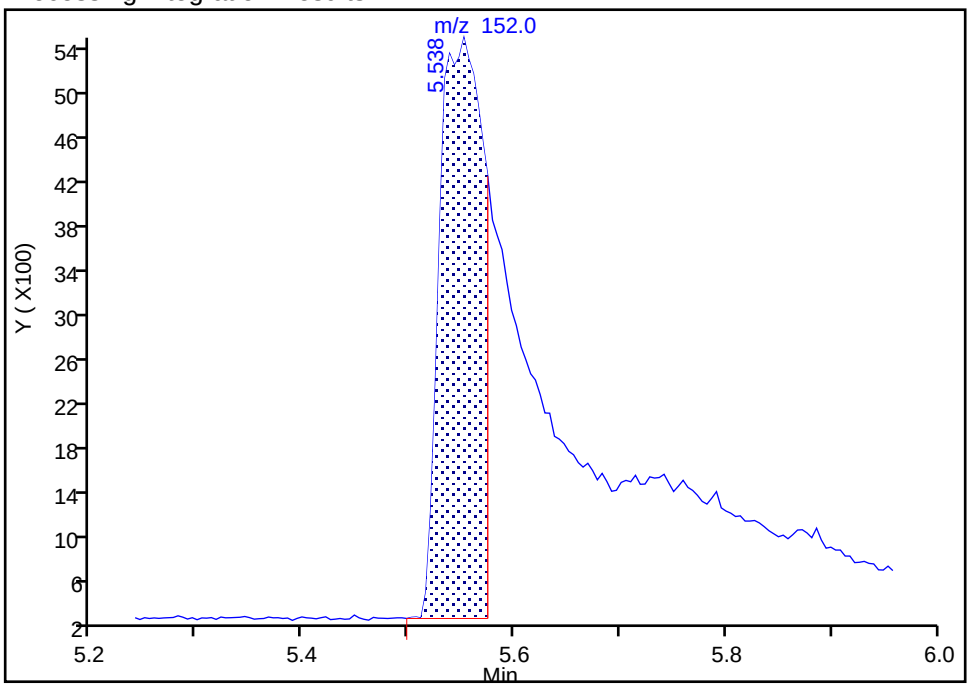
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

* 1 1,4-Dichlorobenzene-d4, CAS: 3855-82-1

Signal: 1

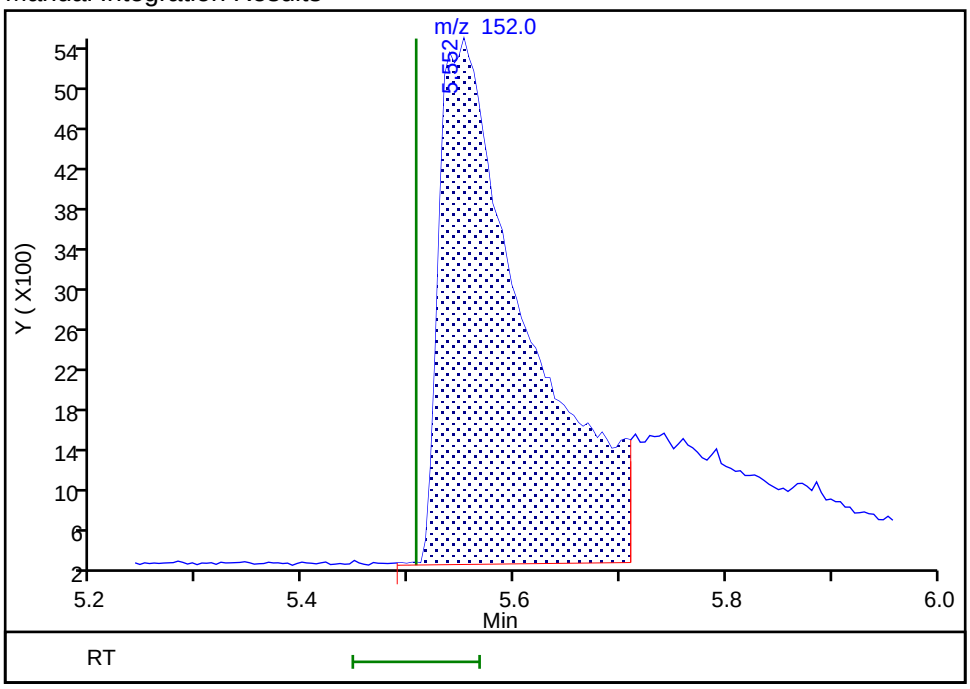
Processing Integration Results

RT: 5.54
Area: 14343
Amount: 100.0000
Amount Units: ug/L



Manual Integration Results

RT: 5.55
Area: 30117
Amount: 100.0000
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:39:36
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

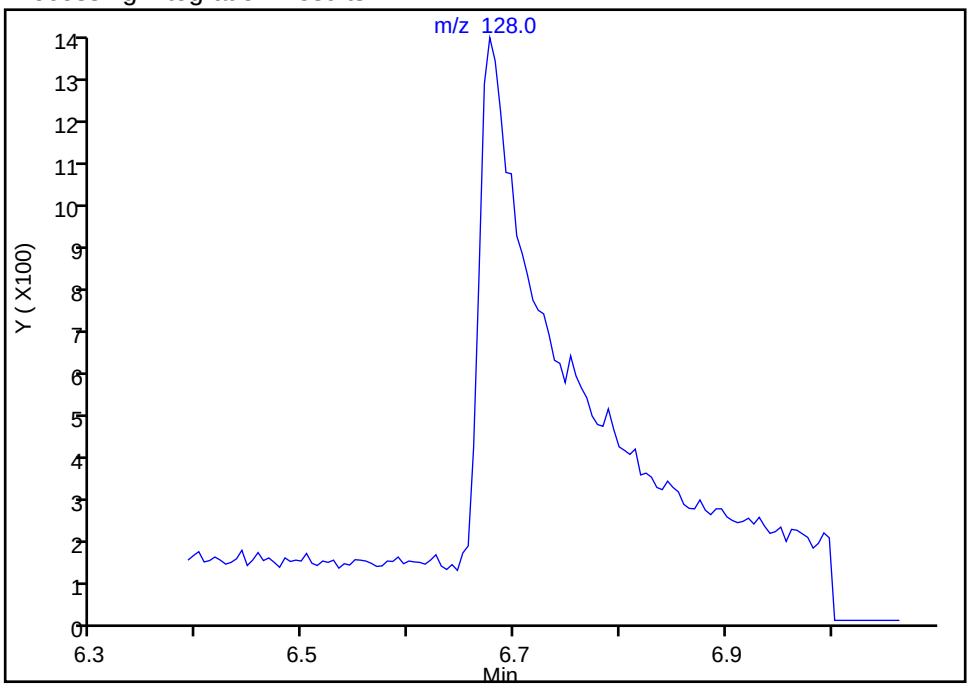
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

12 Naphthalene, CAS: 91-20-3

Signal: 1

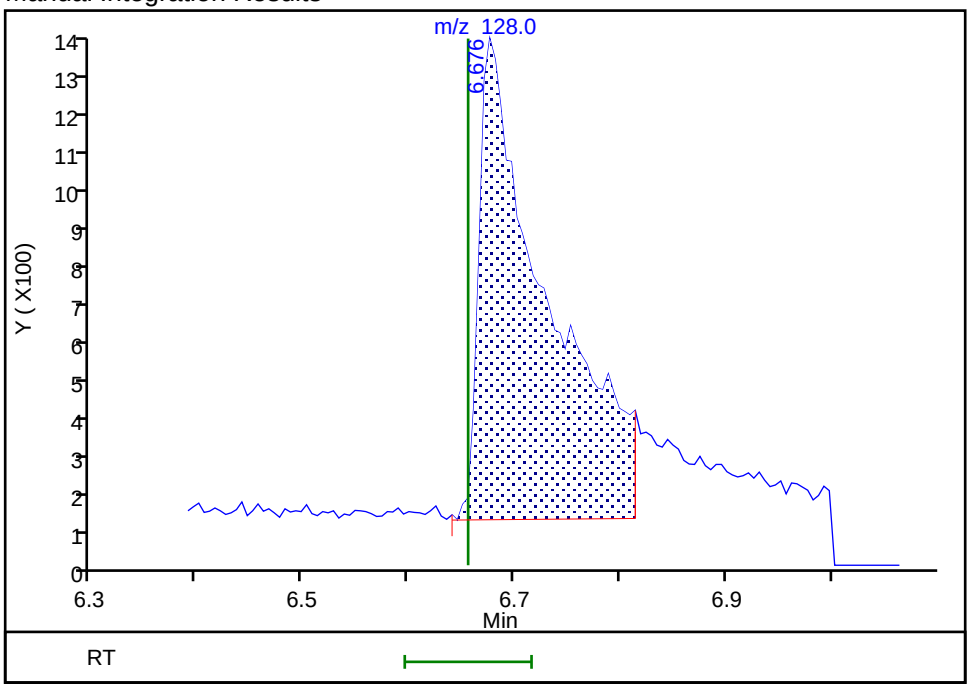
Not Detected
Expected RT: 6.66

Processing Integration Results



Manual Integration Results

RT: 6.68
Area: 5296
Amount: 10.997140
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:21:54
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

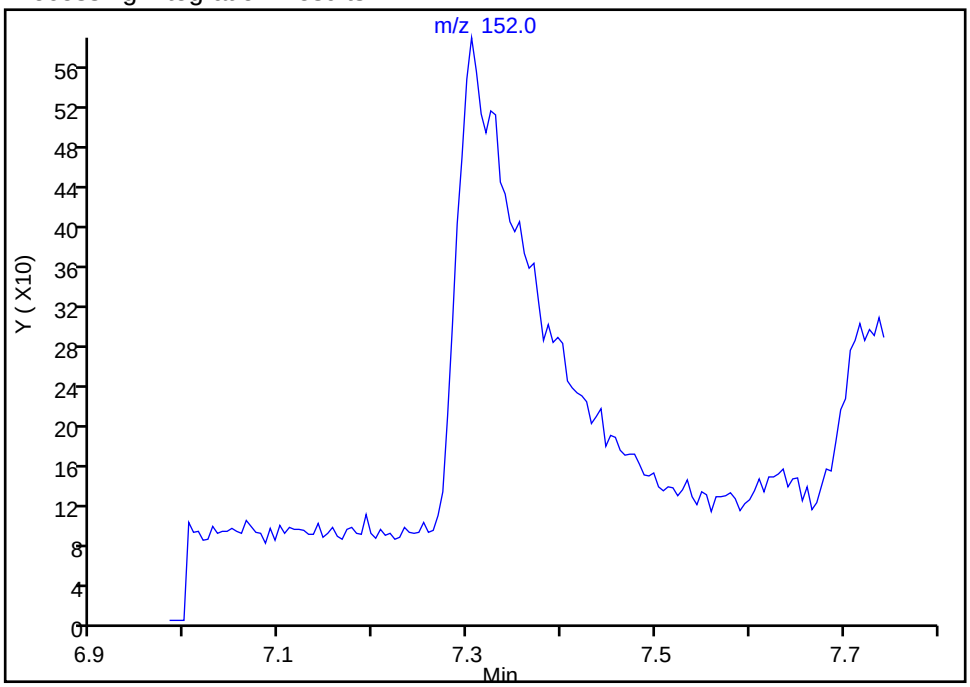
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 7 2-methylnaphthalene-d10, CAS: 7297-45-2

Signal: 1

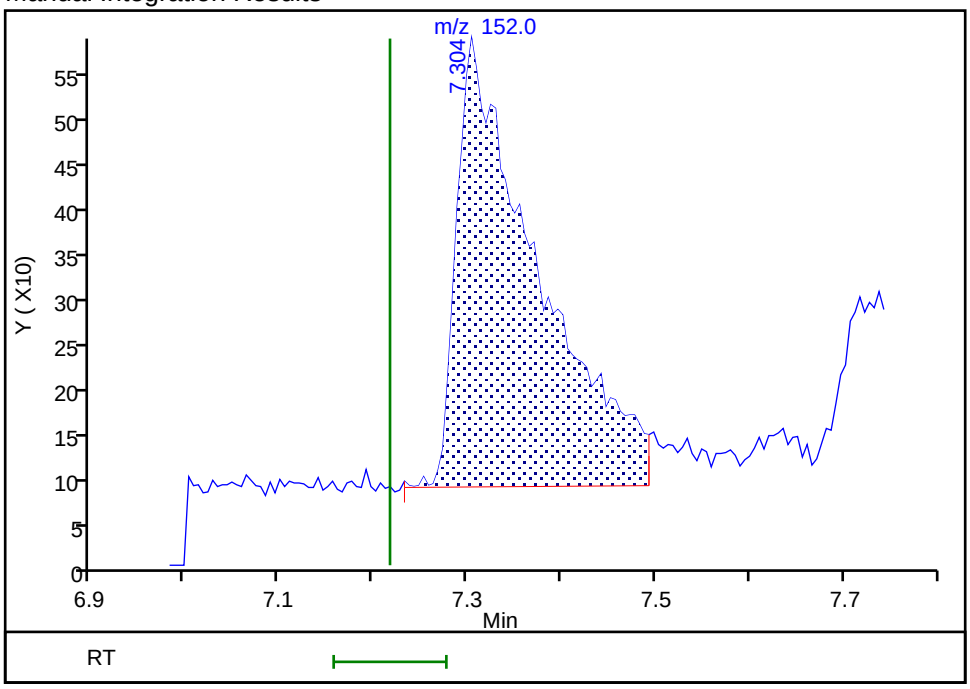
Not Detected
Expected RT: 7.22

Processing Integration Results



Manual Integration Results

RT: 7.30
Area: 2977
Amount: 12.838031
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:39:52
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

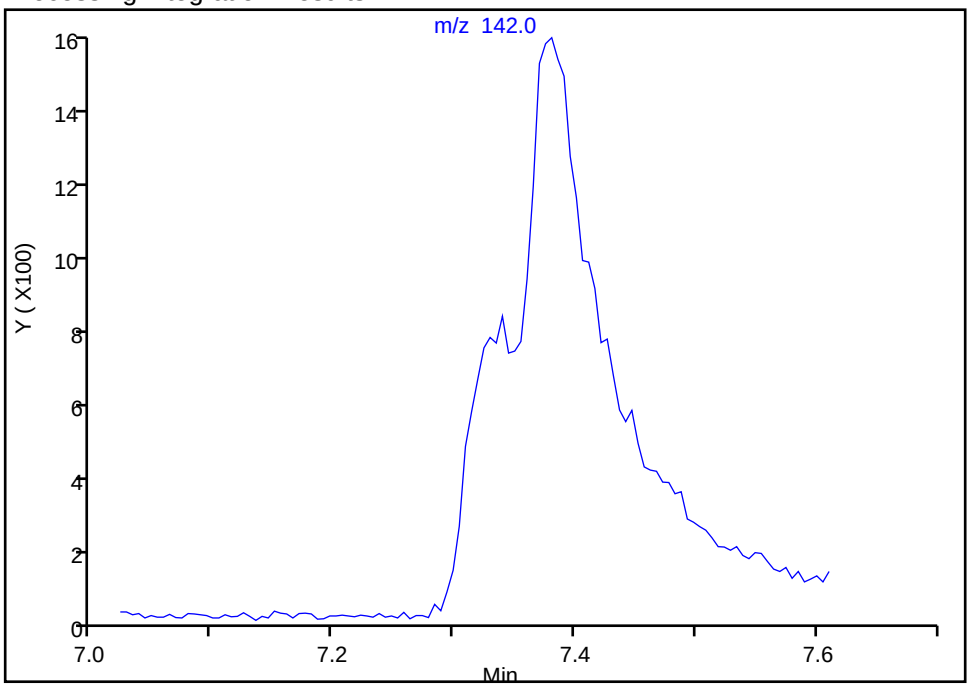
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

13 2-Methylnaphthalene, CAS: 91-57-6

Signal: 1

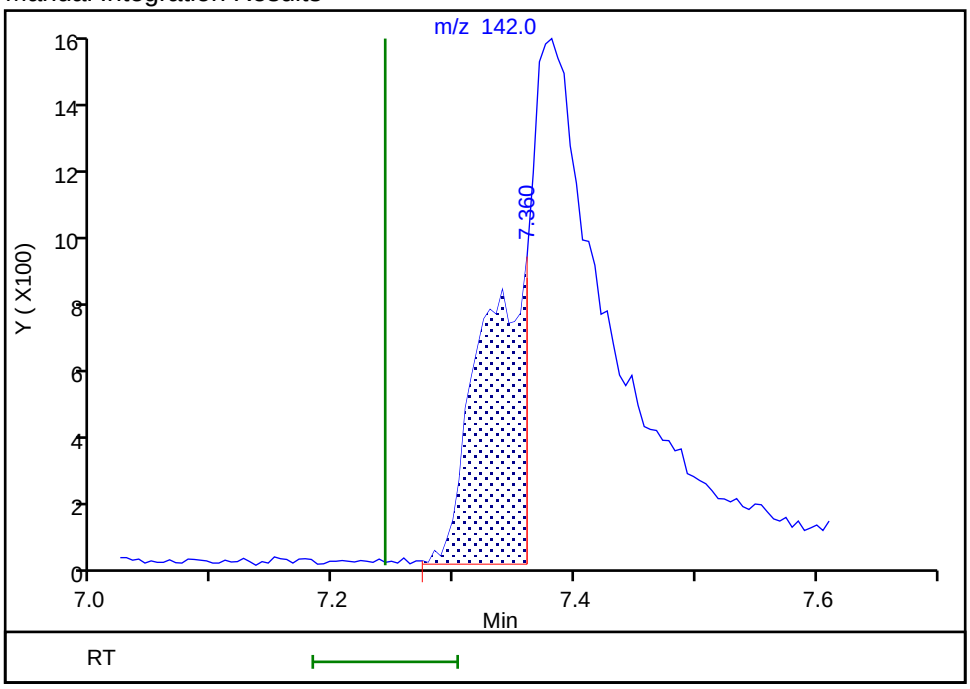
Not Detected
Expected RT: 7.24

Processing Integration Results



Manual Integration Results

RT: 7.36
Area: 2239
Amount: 9.176081
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:40:29
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins FGS, Seattle

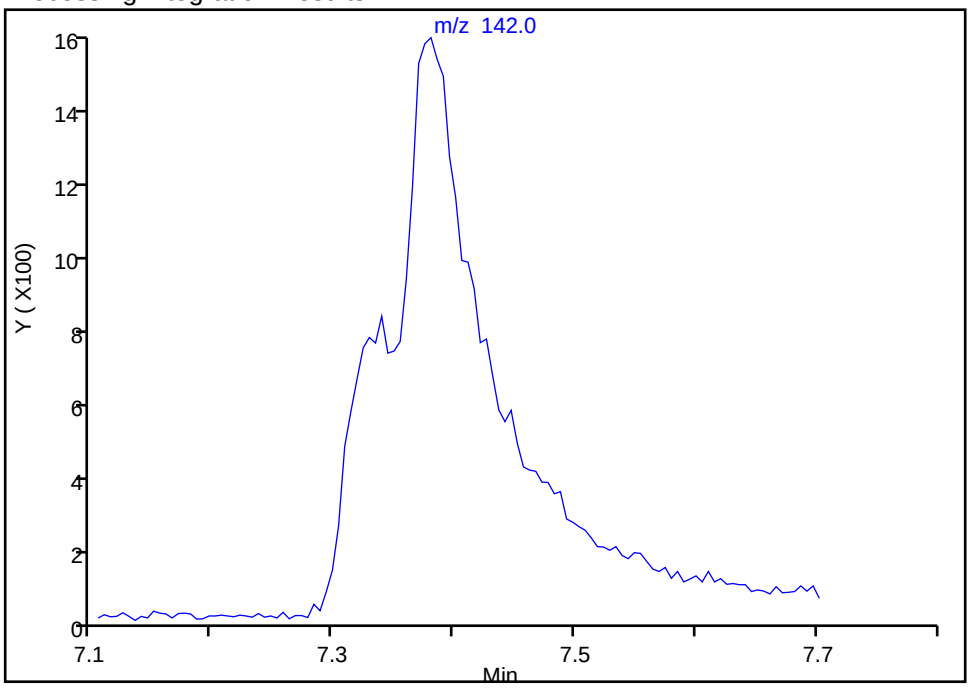
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

14 1-Methylnaphthalene, CAS: 90-12-0

Signal: 1

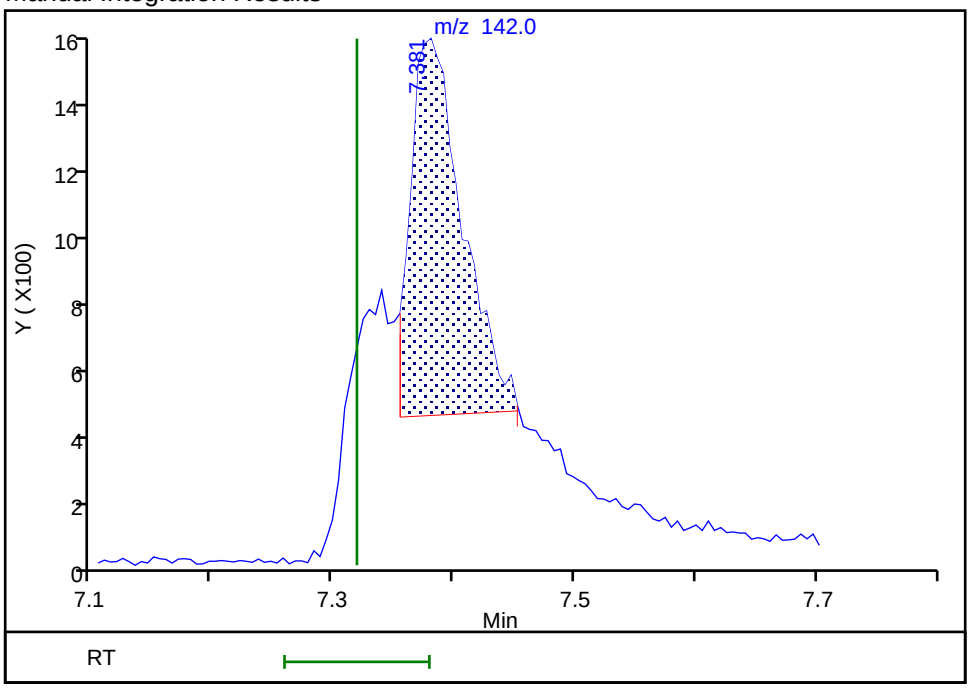
Not Detected
Expected RT: 7.32

Processing Integration Results



Manual Integration Results

RT: 7.38
Area: 3061
Amount: 10.988837
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:35:02
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

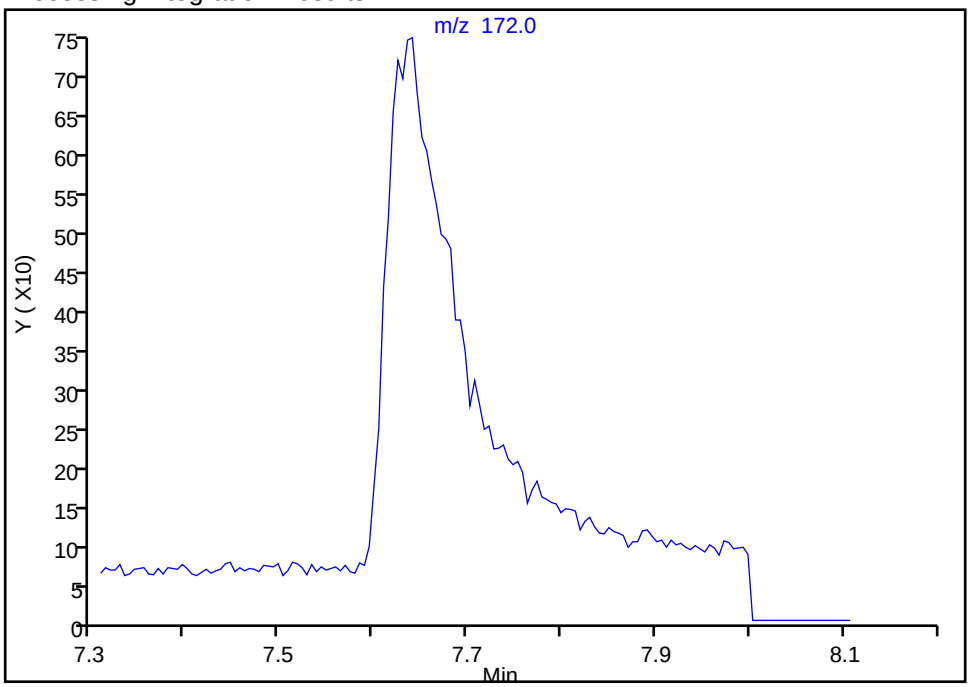
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 8 2-Fluorobiphenyl, CAS: 321-60-8

Signal: 1

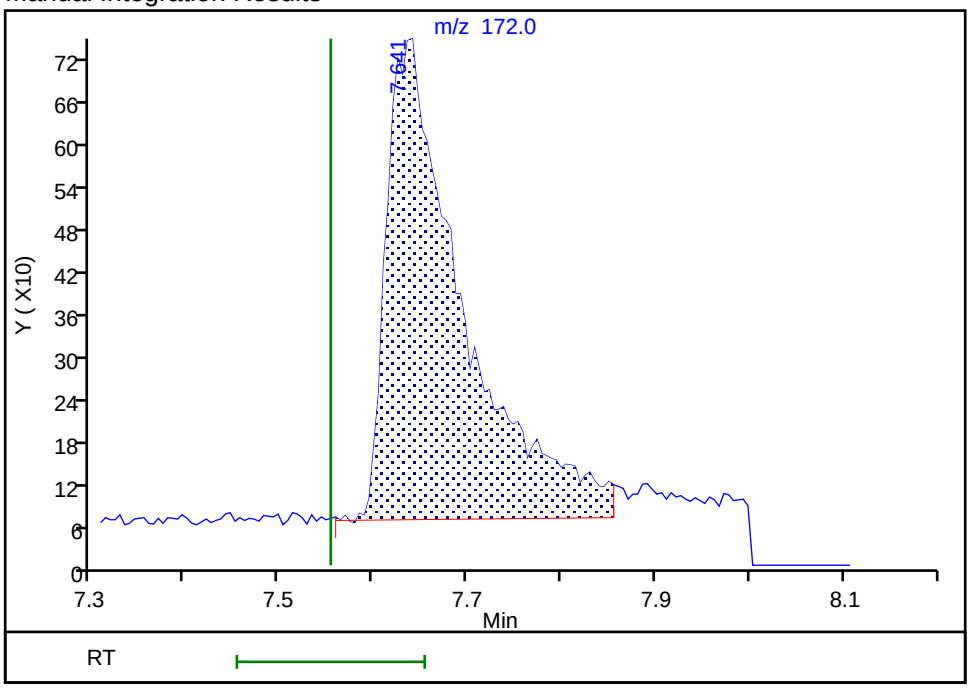
Not Detected
Expected RT: 7.55

Processing Integration Results



Manual Integration Results

RT: 7.64
Area: 3830
Amount: 10.569417
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:40:00
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins FGS, Seattle

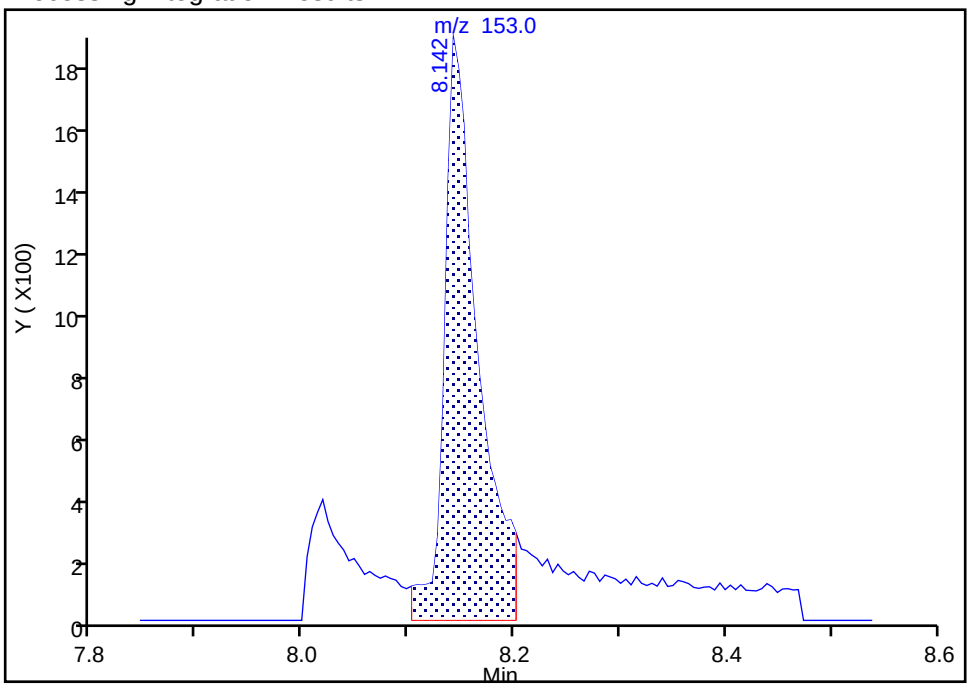
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

16 Acenaphthene, CAS: 83-32-9

Signal: 1

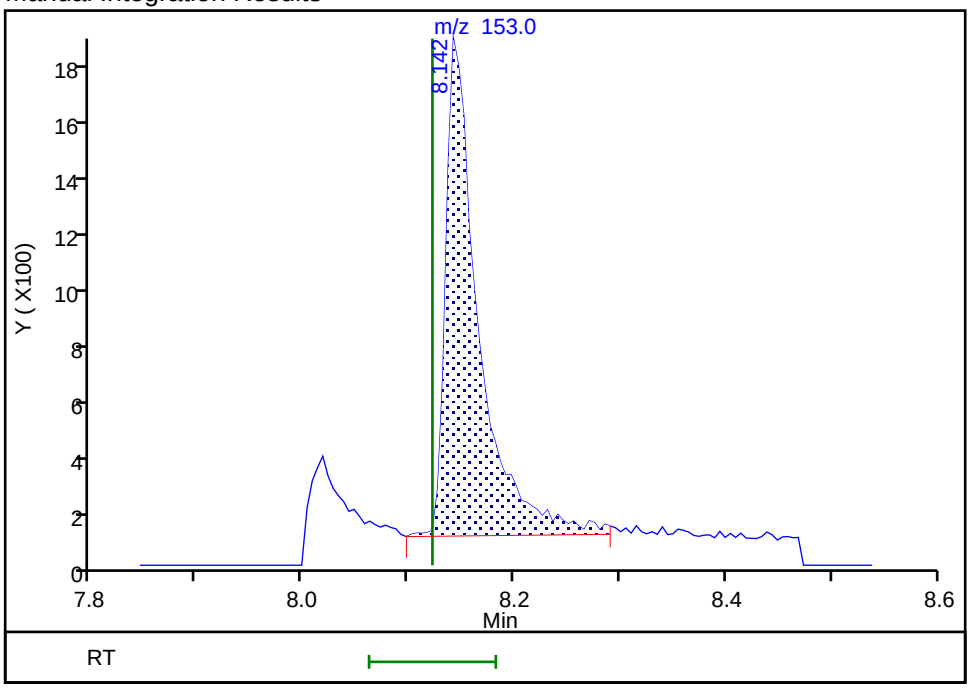
Processing Integration Results

RT: 8.14
Area: 4029
Amount: 11.049299
Amount Units: ug/L



Manual Integration Results

RT: 8.14
Area: 3756
Amount: 10.650138
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:40:48
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

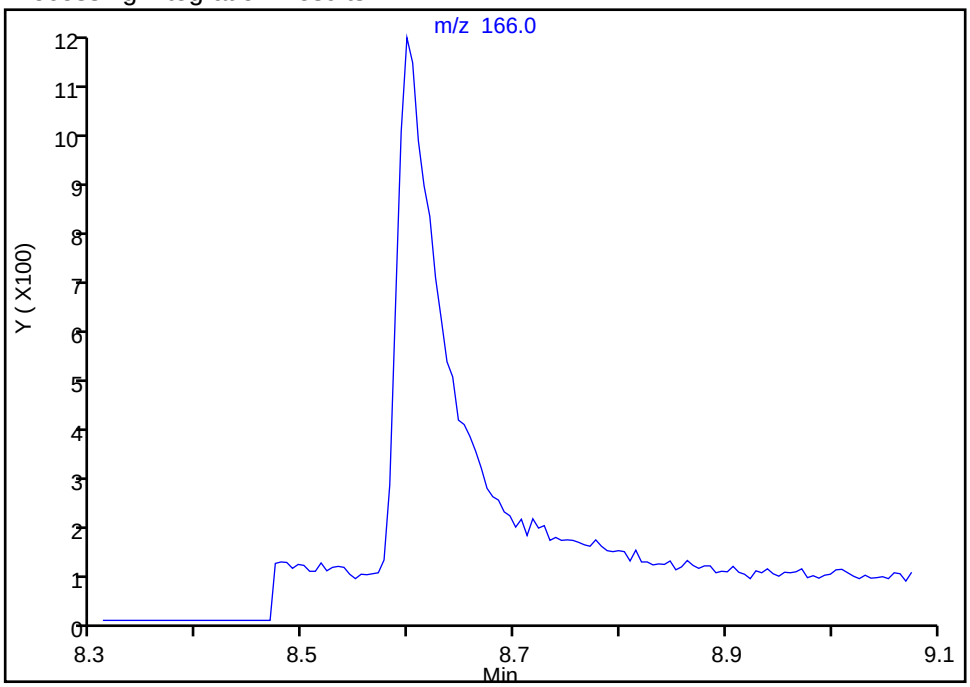
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

17 Fluorene, CAS: 86-73-7

Signal: 1

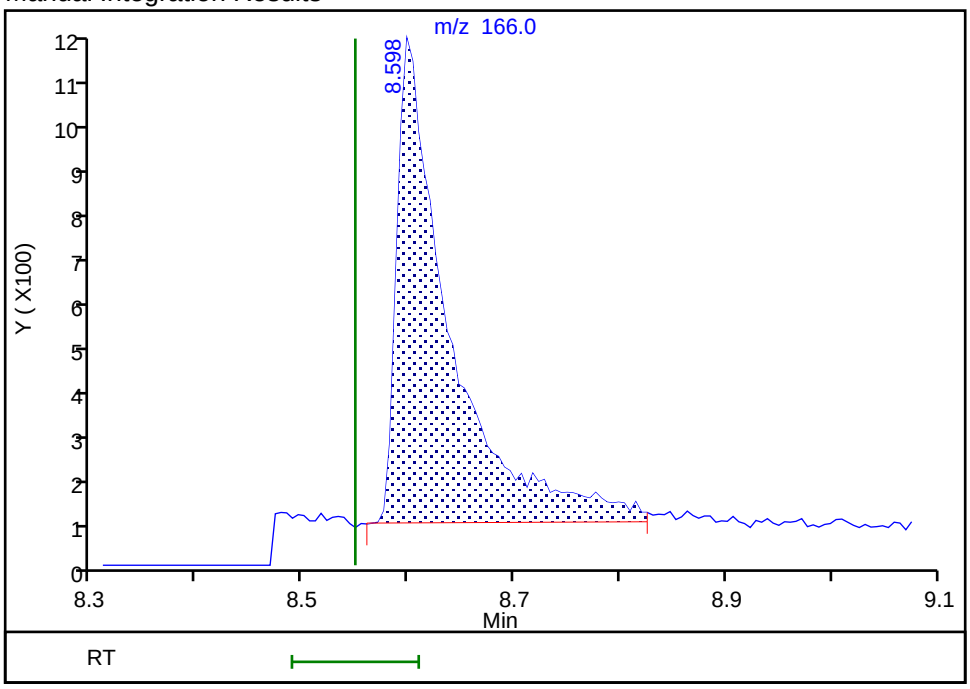
Not Detected
Expected RT: 8.55

Processing Integration Results



Manual Integration Results

RT: 8.60
Area: 3798
Amount: 10.554594
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:40:53
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

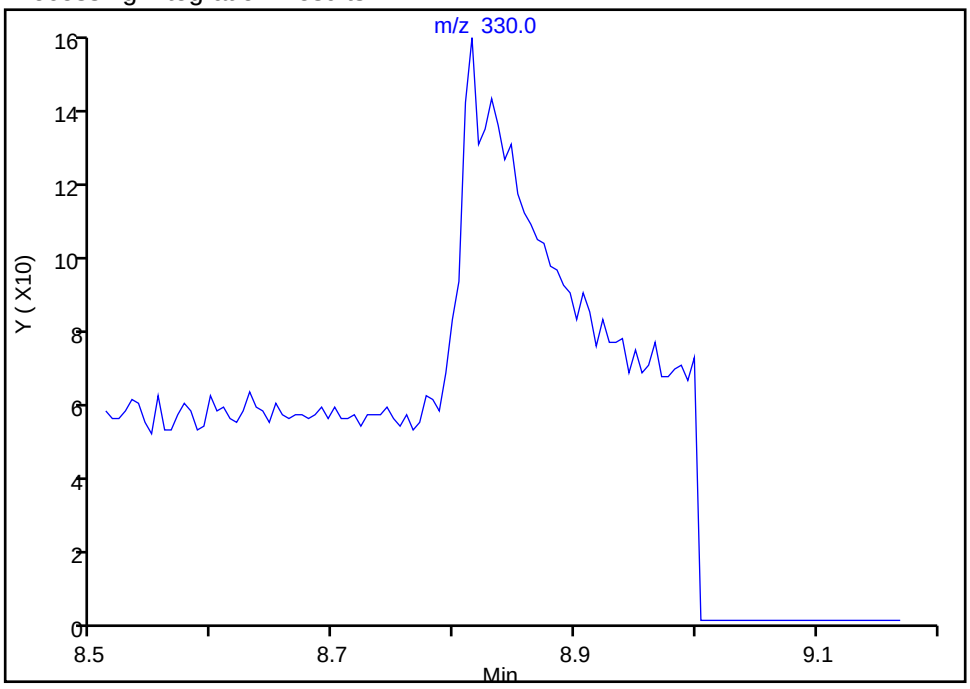
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 9 2,4,6-Tribromophenol, CAS: 118-79-6

Signal: 1

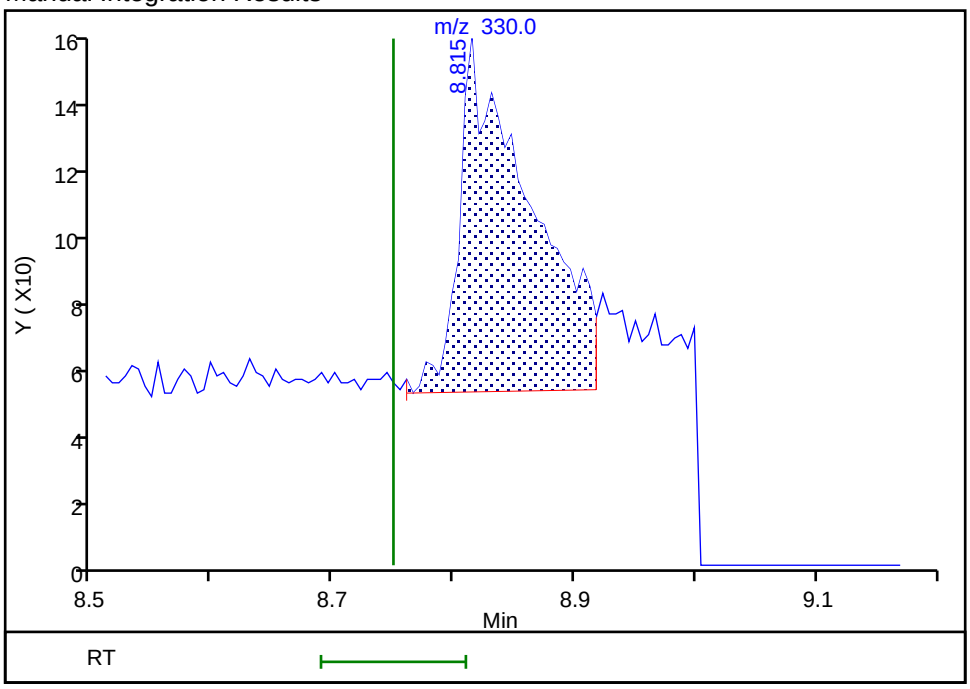
Not Detected
Expected RT: 8.75

Processing Integration Results



Manual Integration Results

RT: 8.81
Area: 418
Amount: 12.794529
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:40:07
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

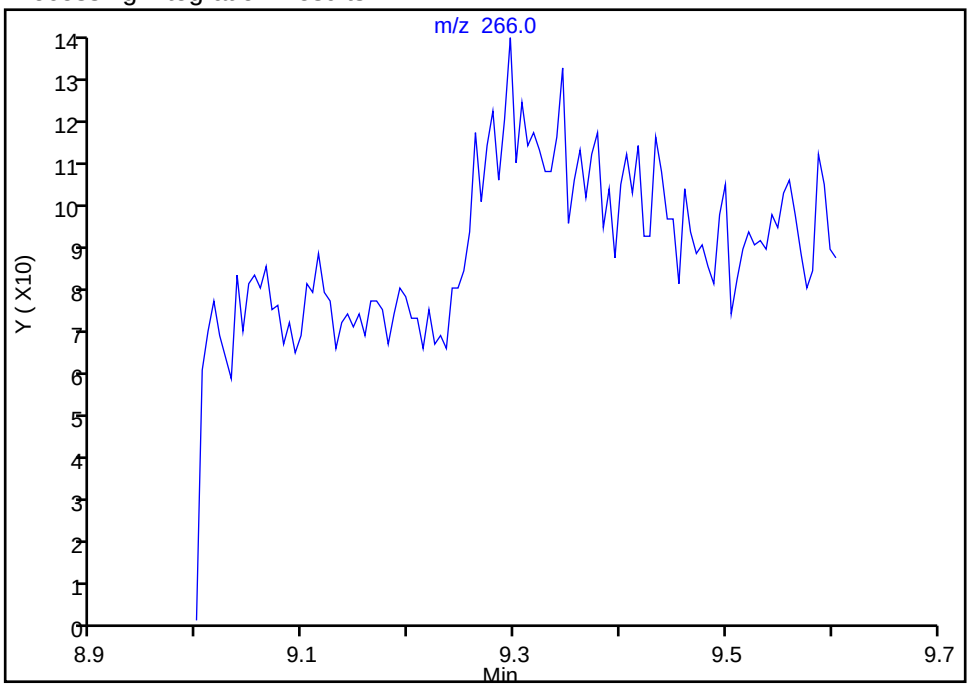
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

18 Pentachlorophenol, CAS: 87-86-5

Signal: 1

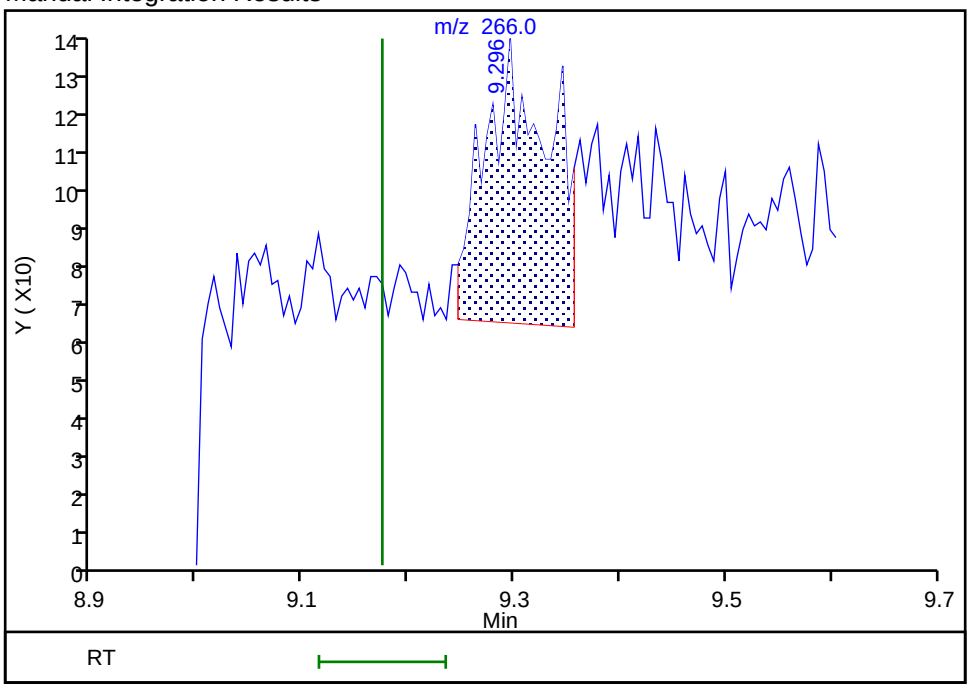
Not Detected
Expected RT: 9.17

Processing Integration Results



Manual Integration Results

RT: 9.30
Area: 300
Amount: 18.853614
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:41:24
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

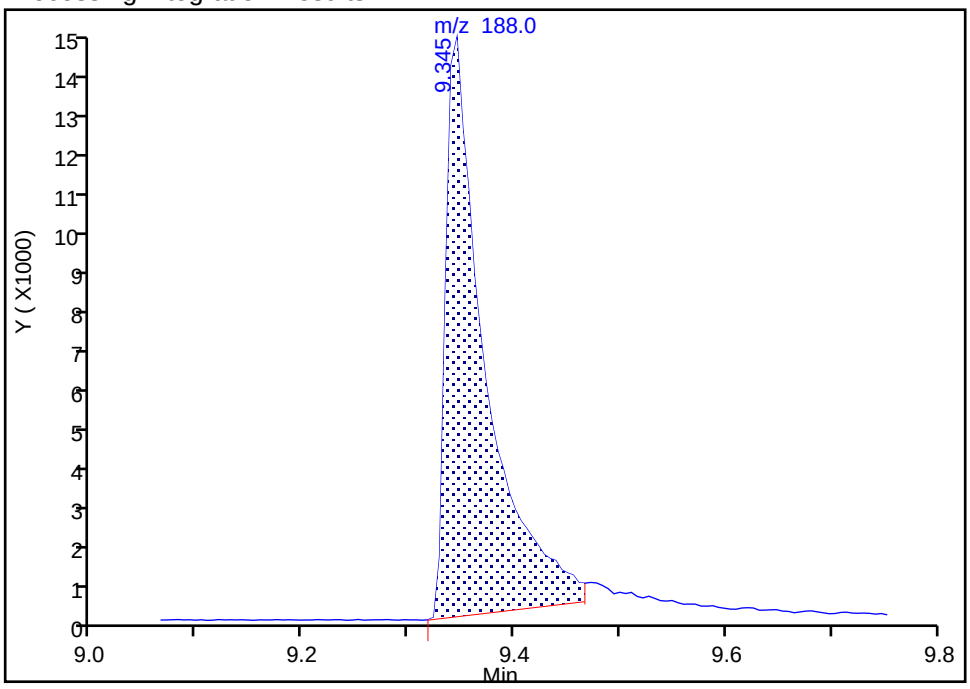
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

* 4 Phenanthrene-d10, CAS: 1517-22-2

Signal: 1

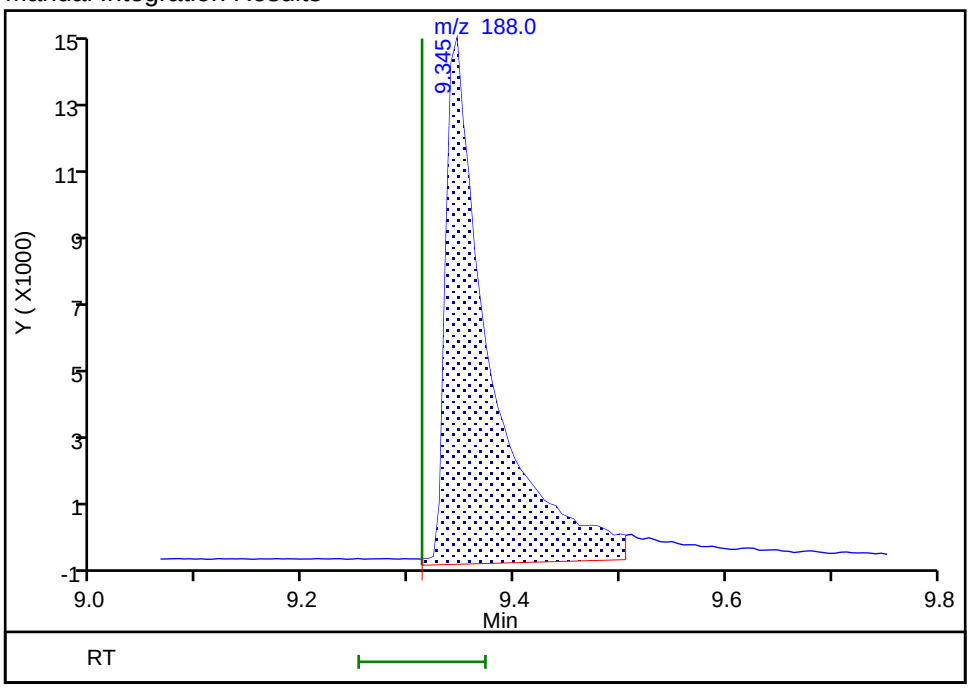
Processing Integration Results

RT: 9.35
Area: 36458
Amount: 100.0000
Amount Units: ug/L



Manual Integration Results

RT: 9.35
Area: 41300
Amount: 100.0000
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:39:46
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

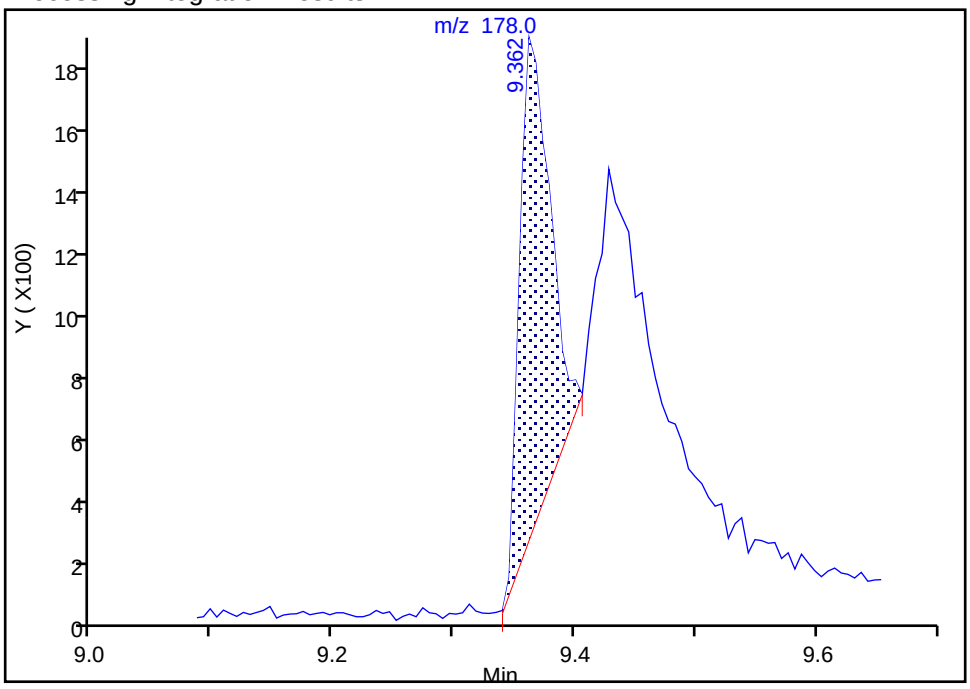
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

19 Phenanthrene, CAS: 85-01-8

Signal: 1

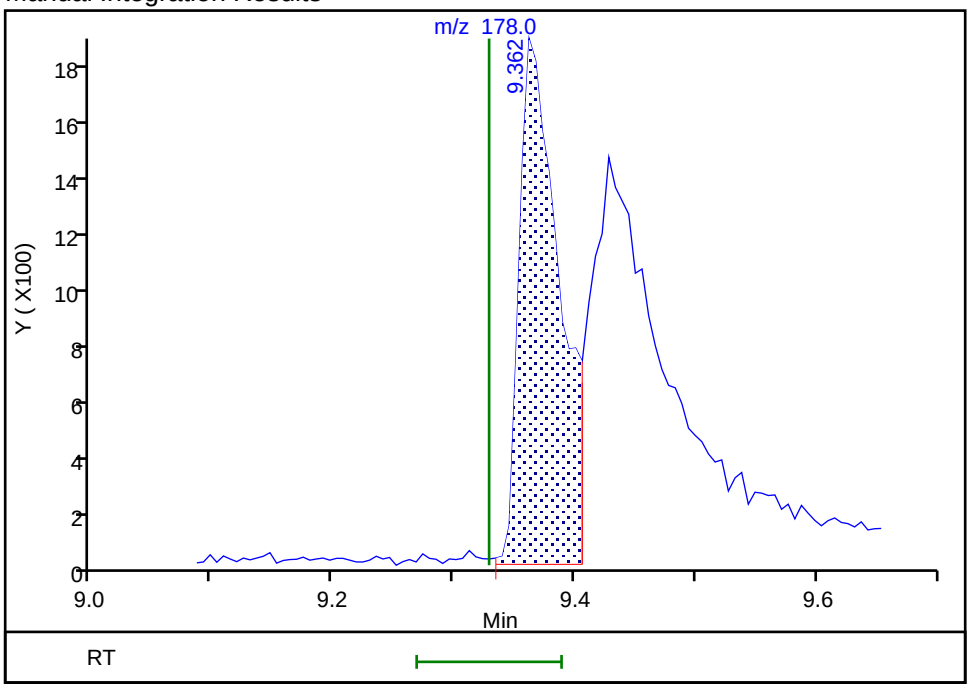
Processing Integration Results

RT: 9.36
Area: 2596
Amount: 5.444459
Amount Units: ug/L



Manual Integration Results

RT: 9.36
Area: 3983
Amount: 8.538621
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:41:06
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins FGS, Seattle

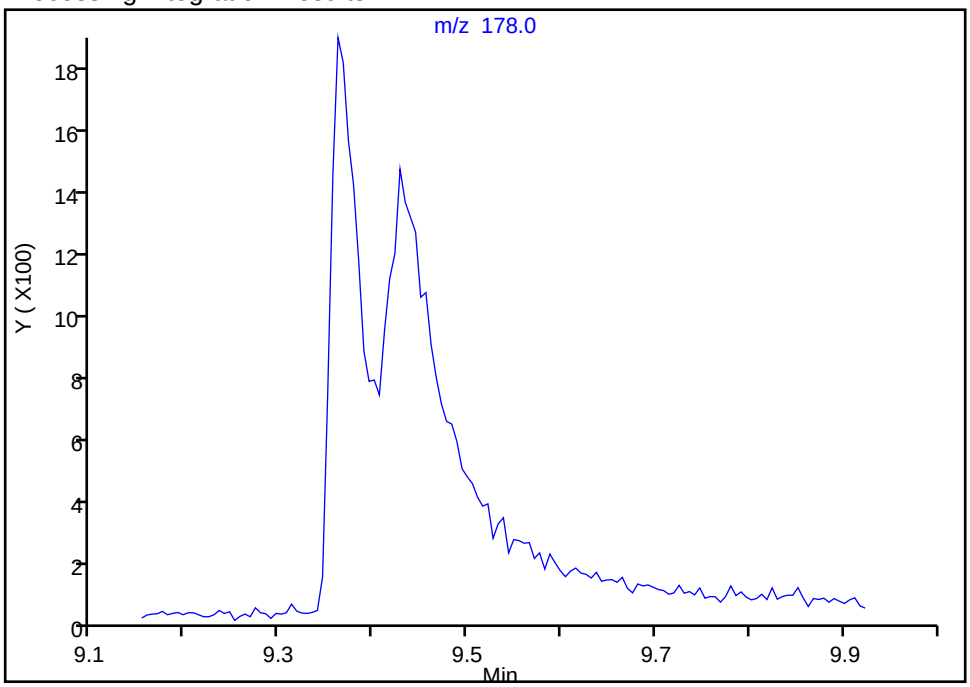
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

20 Anthracene, CAS: 120-12-7

Signal: 1

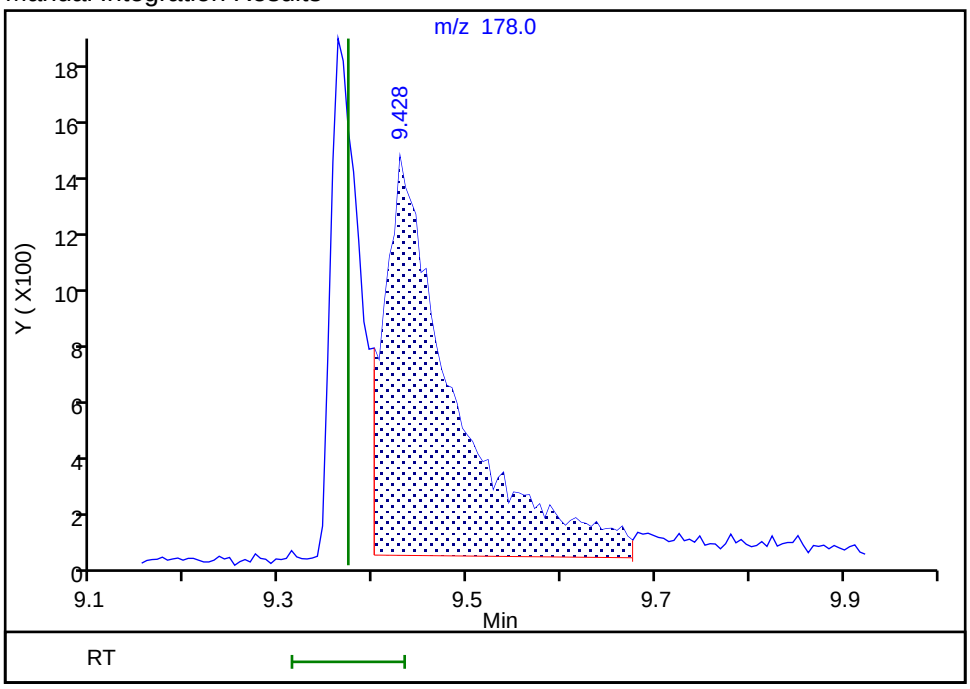
Not Detected
Expected RT: 9.37

Processing Integration Results



Manual Integration Results

RT: 9.43
Area: 6840
Amount: 9.655456
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:41:14
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

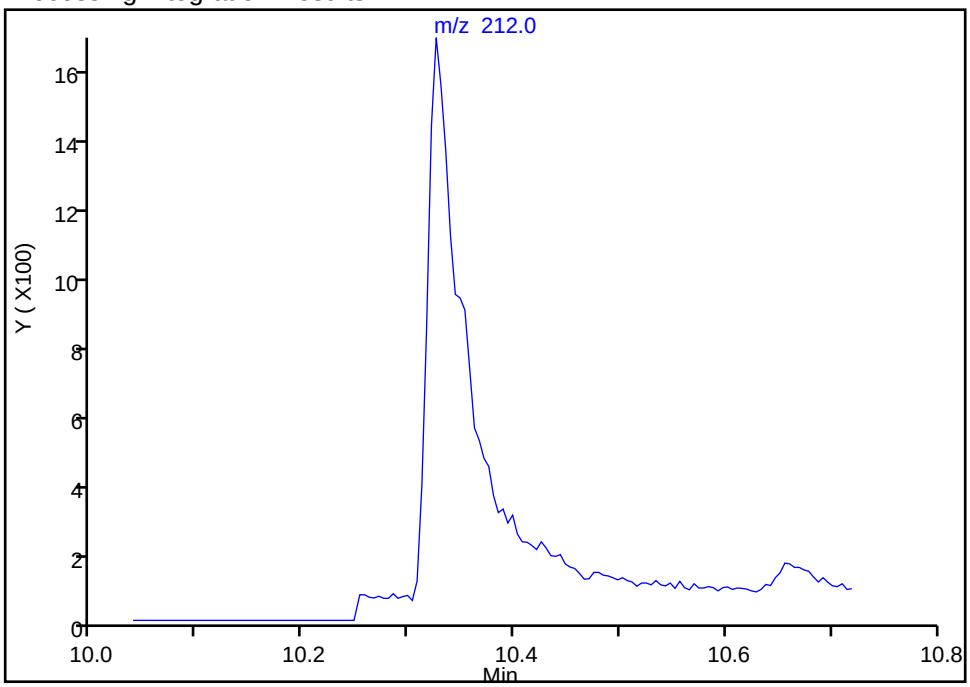
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 10 Fluoranthene-d10 (Surr), CAS: 93951-69-0

Signal: 1

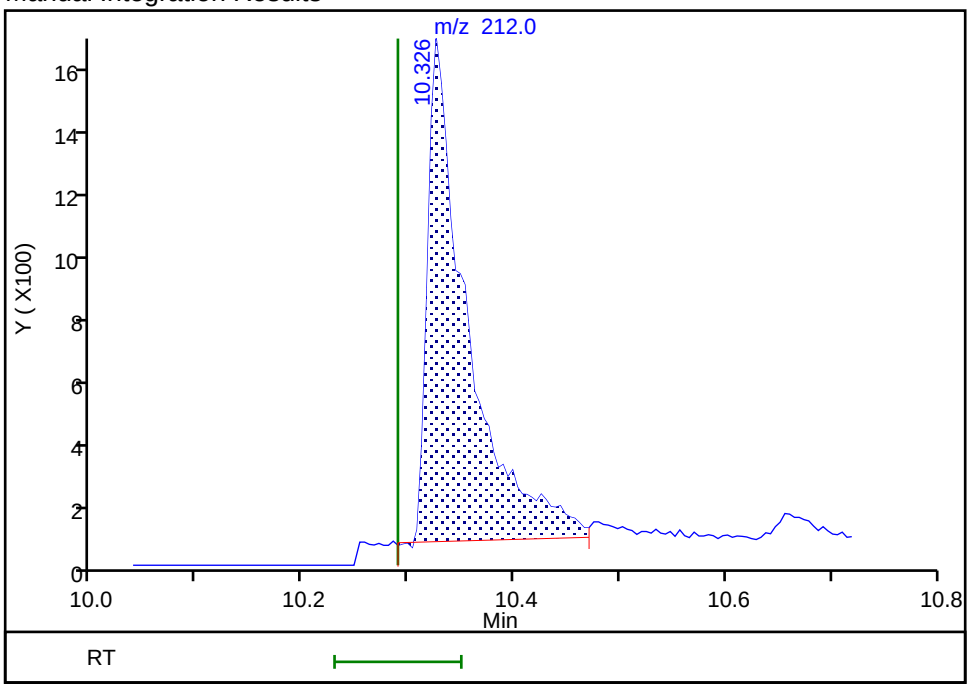
Not Detected
Expected RT: 10.29

Processing Integration Results



Manual Integration Results

RT: 10.33
Area: 4082
Amount: 8.940578
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:40:12
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

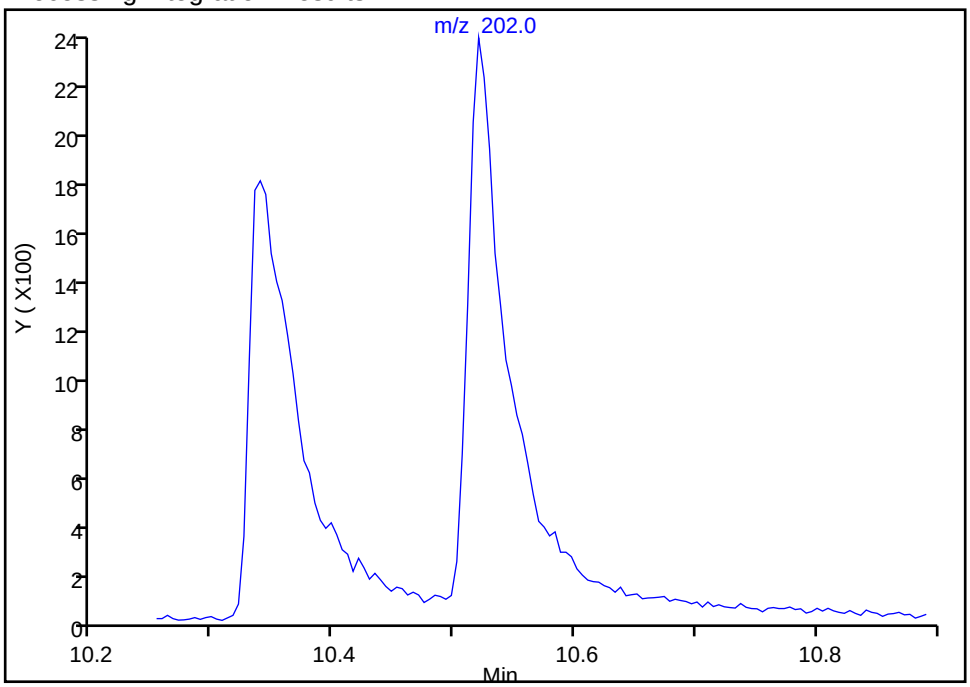
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

22 Pyrene, CAS: 129-00-0

Signal: 1

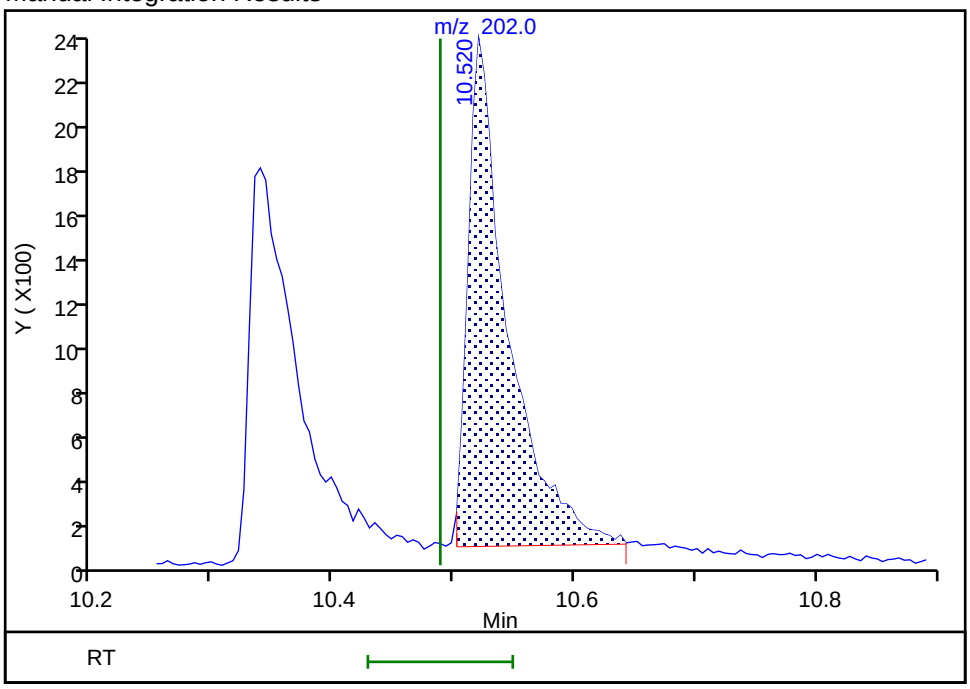
Not Detected
Expected RT: 10.49

Processing Integration Results



Manual Integration Results

RT: 10.52
Area: 5073
Amount: 9.211019
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:41:36
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

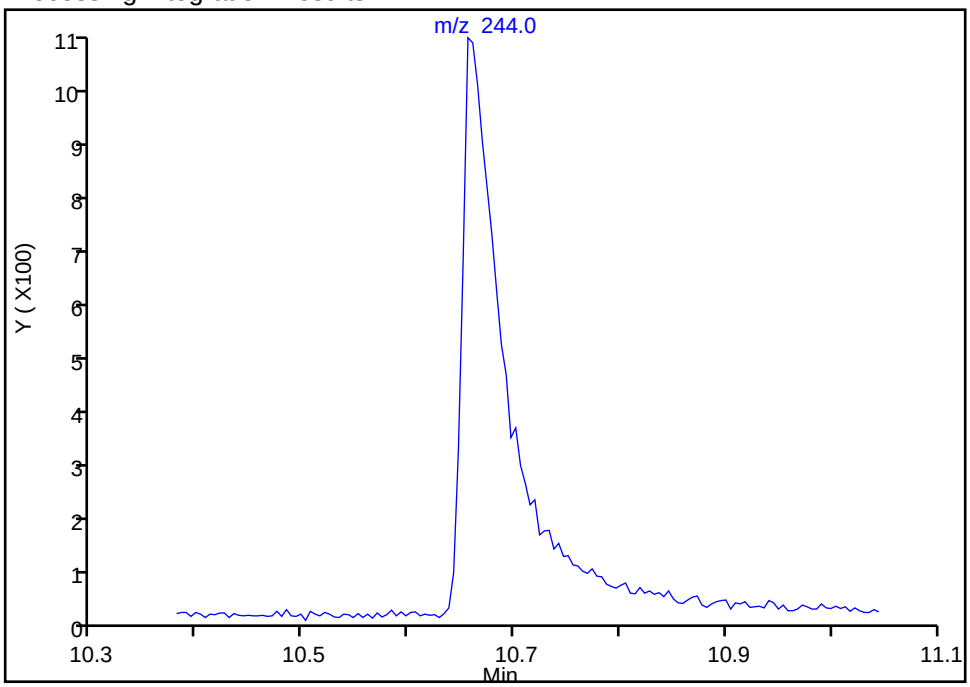
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 11 Terphenyl-d14, CAS: 1718-51-0

Signal: 1

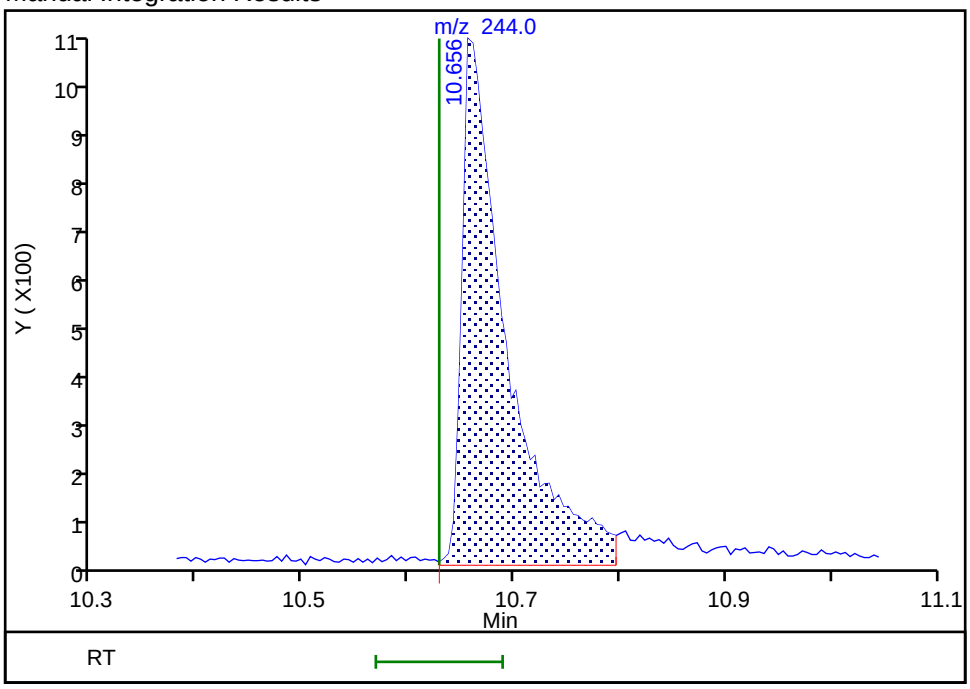
Not Detected
Expected RT: 10.63

Processing Integration Results



Manual Integration Results

RT: 10.66
Area: 3040
Amount: 9.750101
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:40:16
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins FGS, Seattle

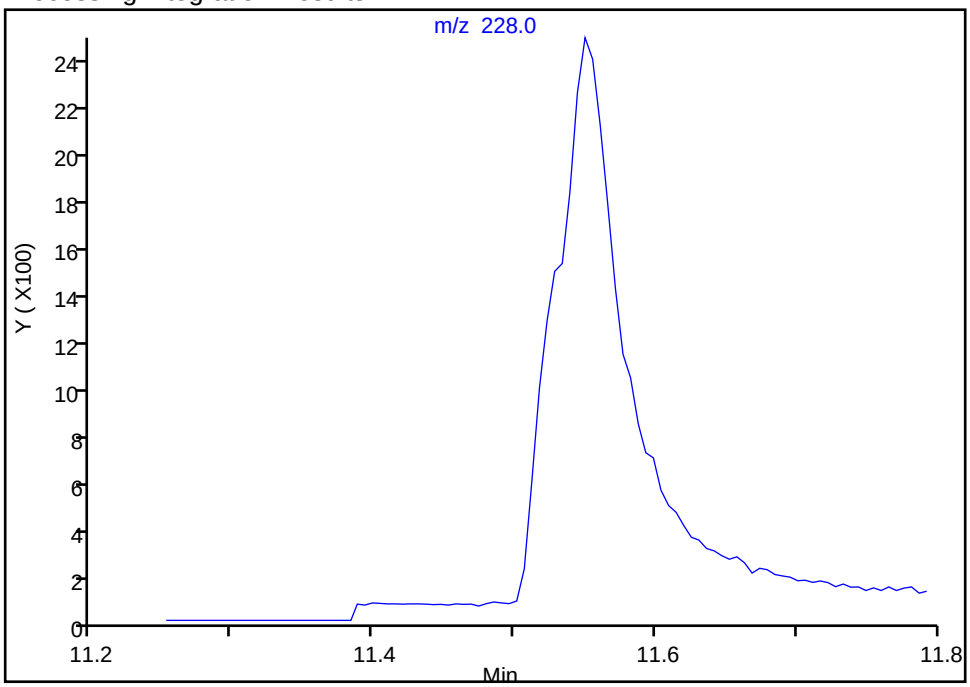
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

23 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

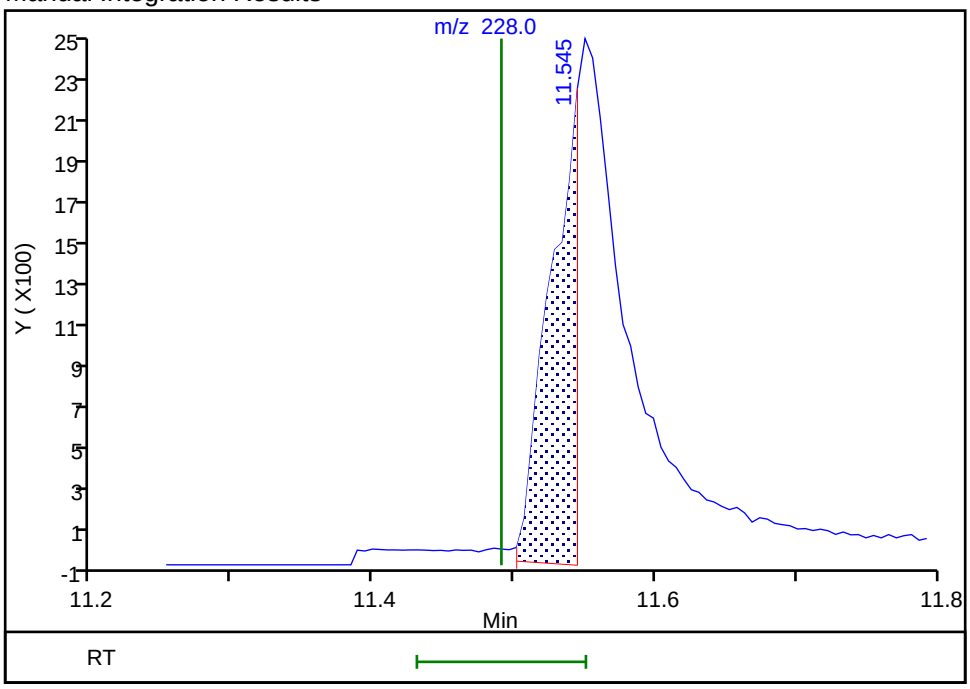
Not Detected
Expected RT: 11.49

Processing Integration Results



Manual Integration Results

RT: 11.54
Area: 2865
Amount: 10.614357
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:47:42
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

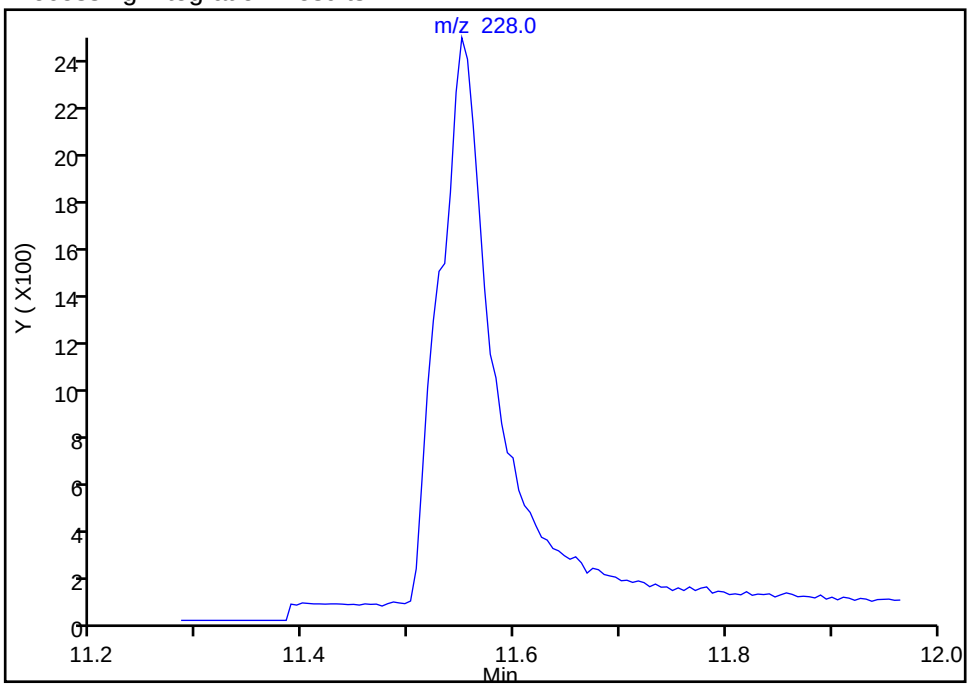
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

24 Chrysene, CAS: 218-01-9

Signal: 1

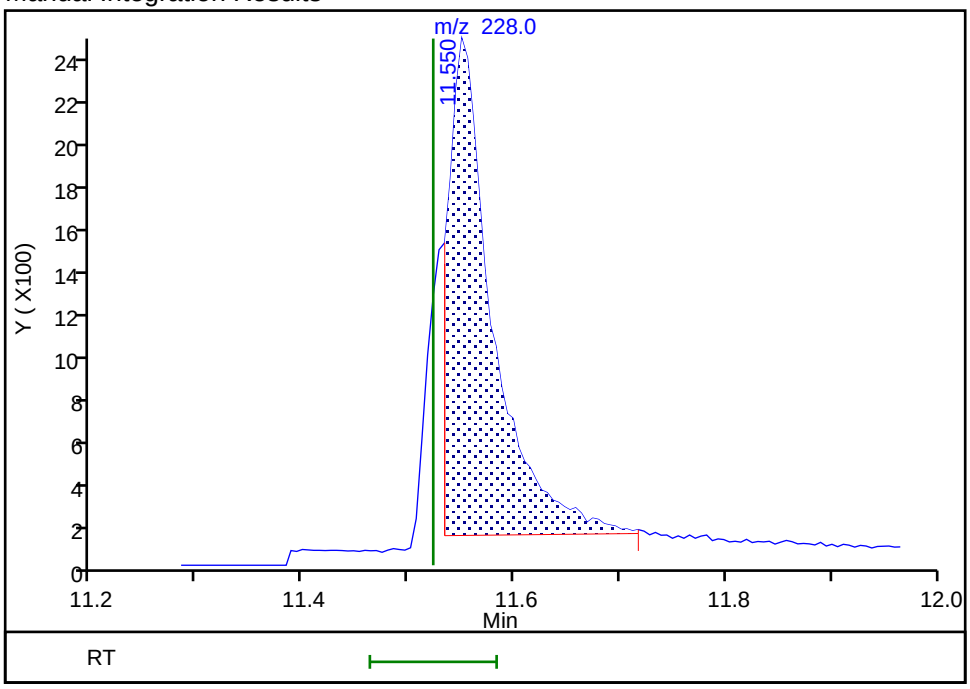
Not Detected
Expected RT: 11.52

Processing Integration Results



Manual Integration Results

RT: 11.55
Area: 6530
Amount: 10.082390
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:41:58
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

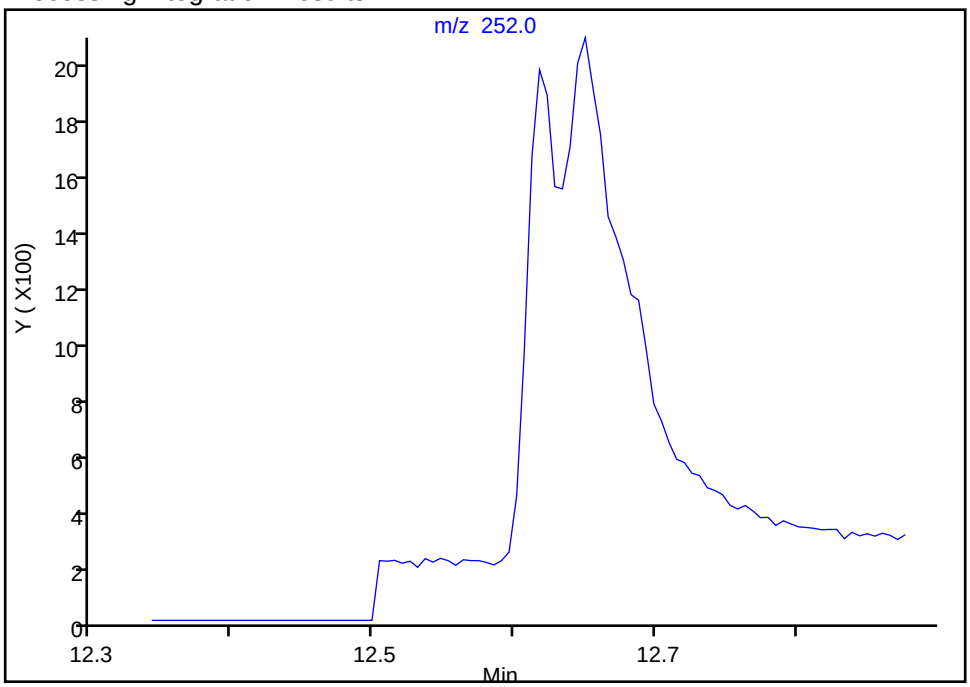
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

25 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

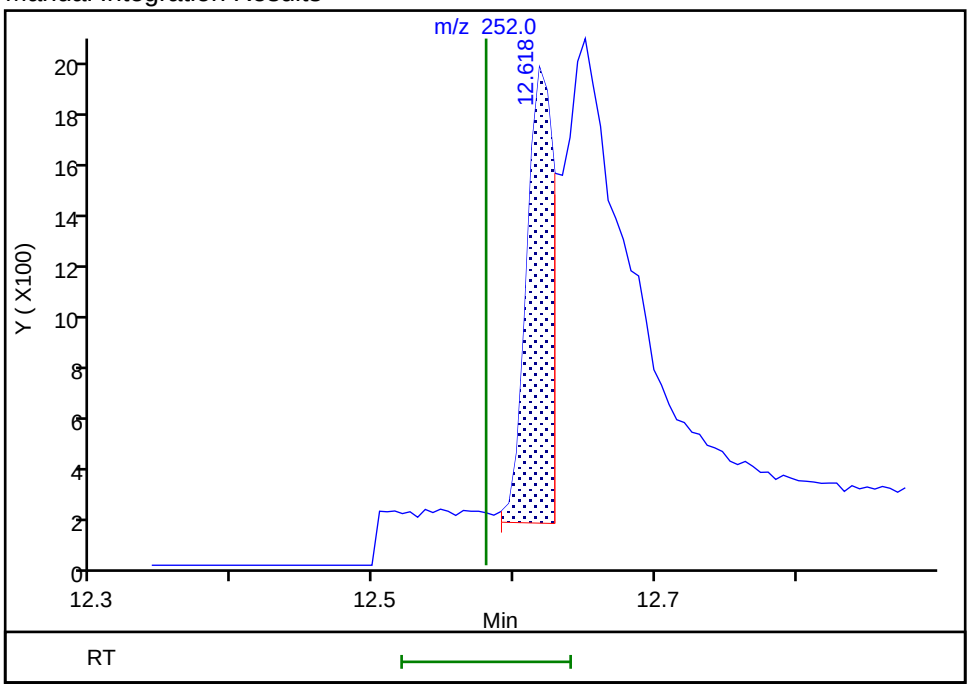
Not Detected
Expected RT: 12.58

Processing Integration Results



Manual Integration Results

RT: 12.62
Area: 2161
Amount: 8.297919
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:42:21
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

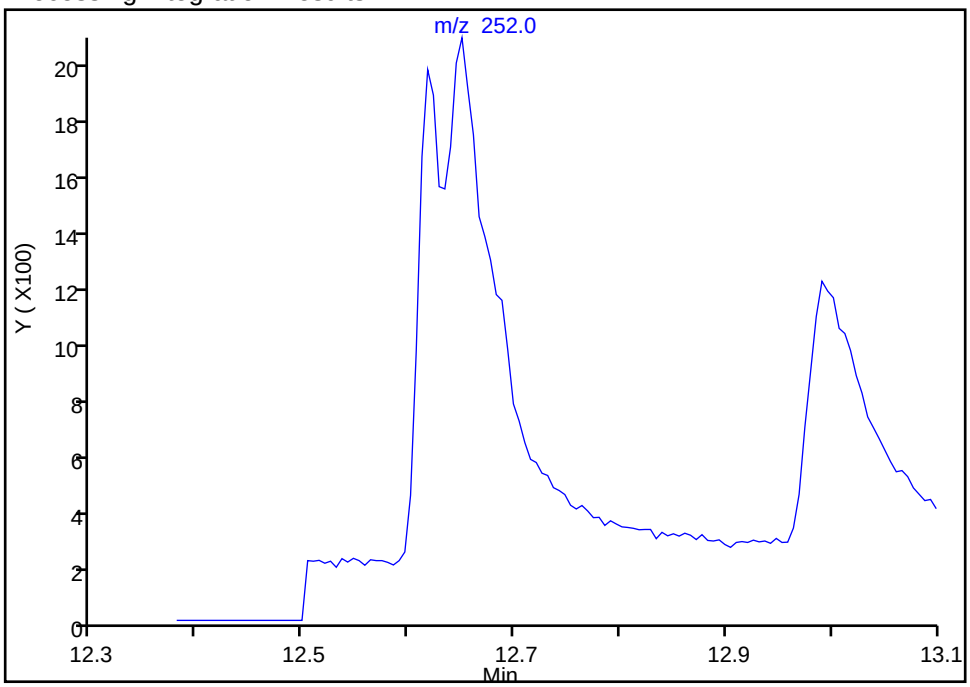
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

26 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

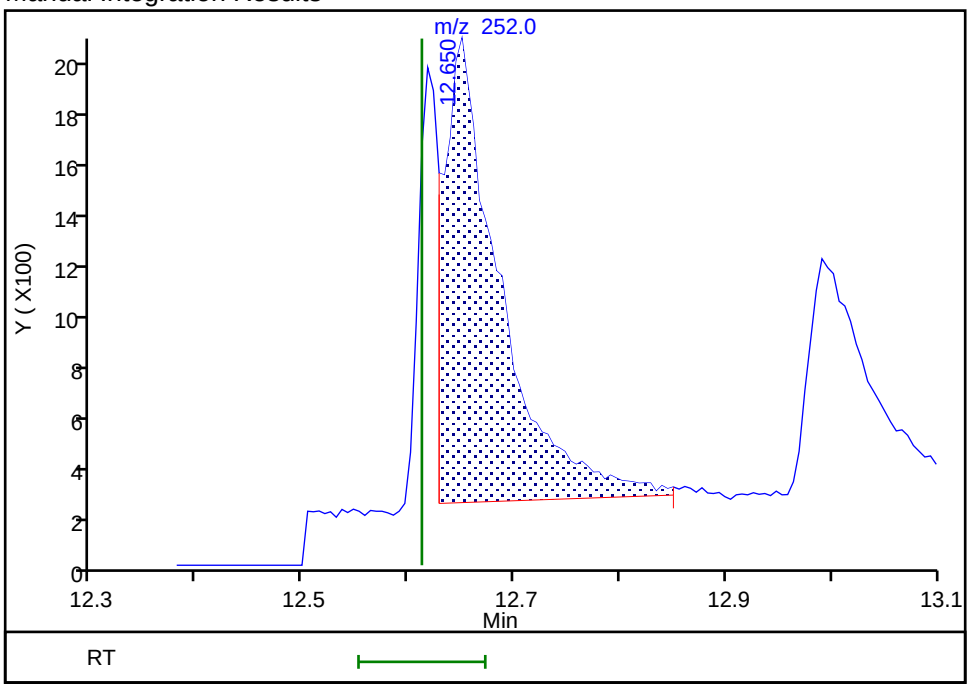
Not Detected
Expected RT: 12.61

Processing Integration Results



Manual Integration Results

RT: 12.65
Area: 6455
Amount: 10.090941
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:42:34
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

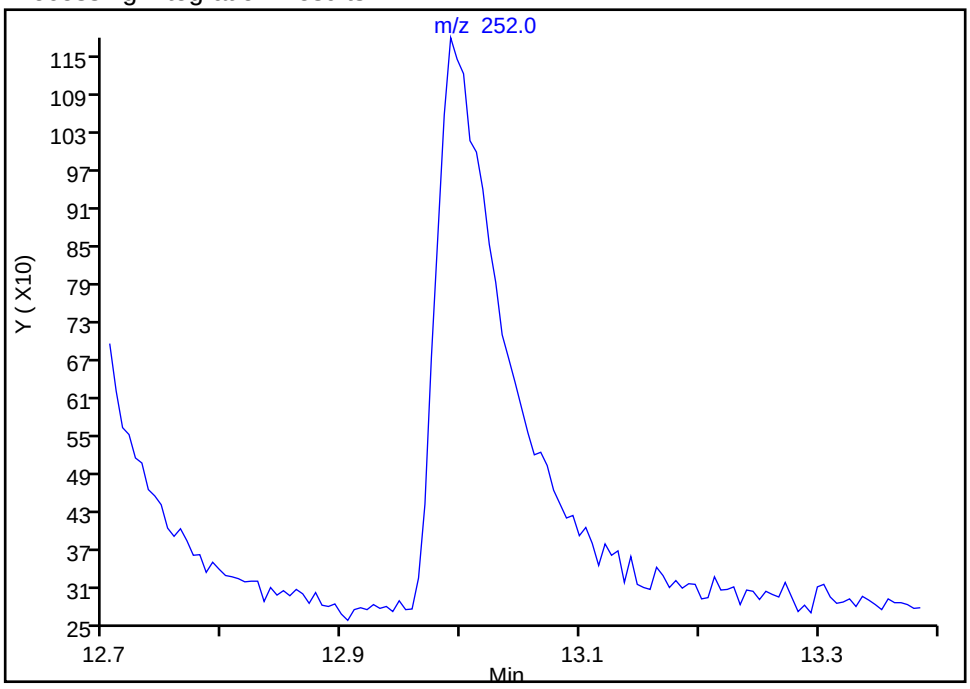
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

27 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

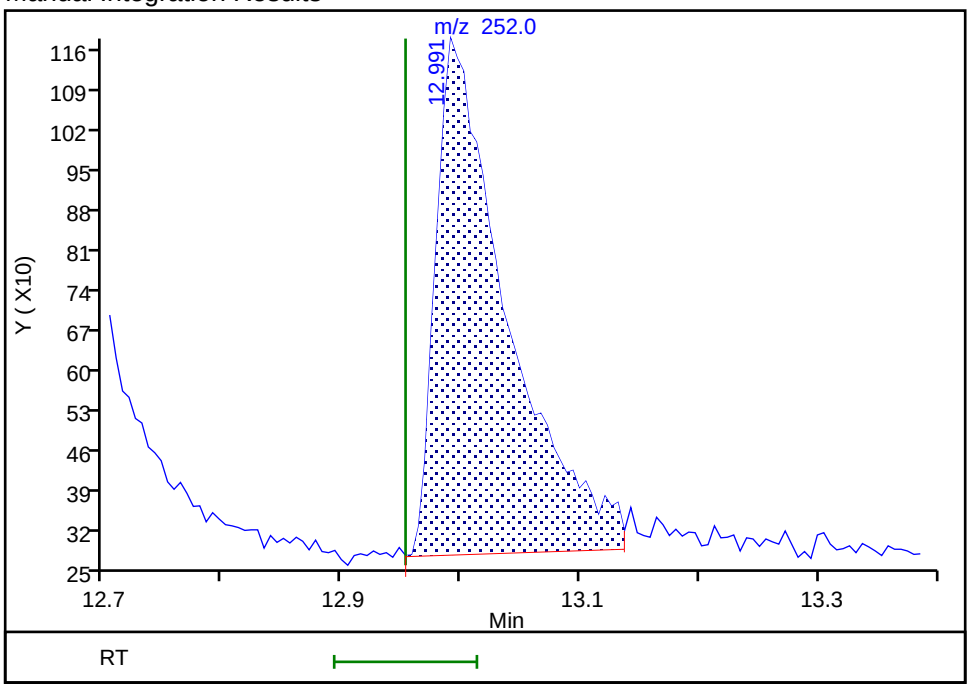
Not Detected
Expected RT: 12.95

Processing Integration Results



Manual Integration Results

RT: 12.99
Area: 3758
Amount: 9.652006
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:42:43
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

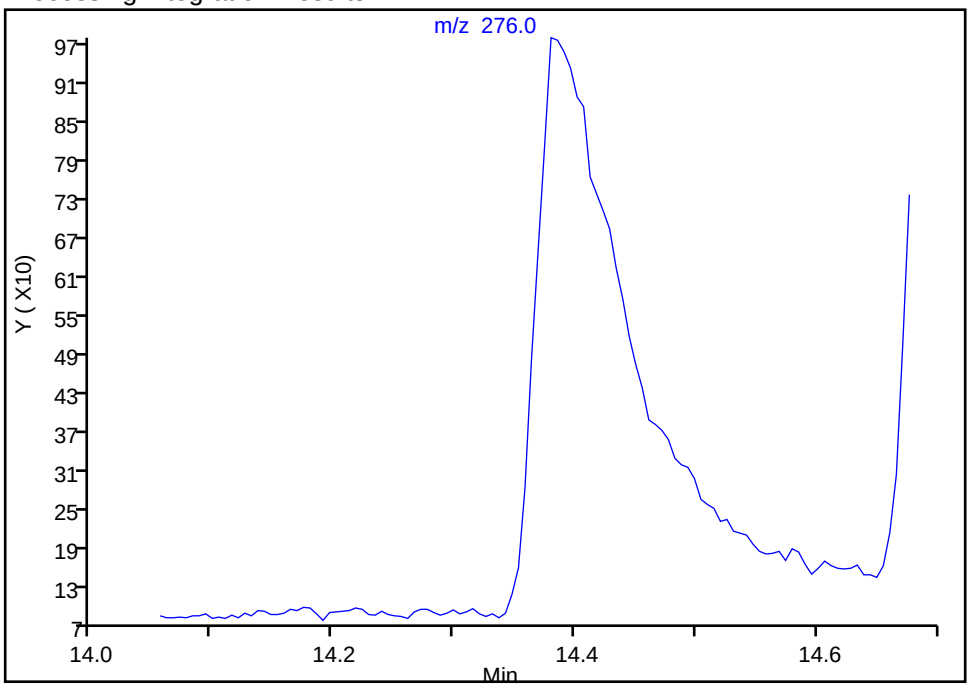
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D				
Injection Date:	05-Oct-2021 21:51:30	Instrument ID:	SEA101		
Lims ID:	std4				
Client ID:					
Operator ID:	TL	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

28 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

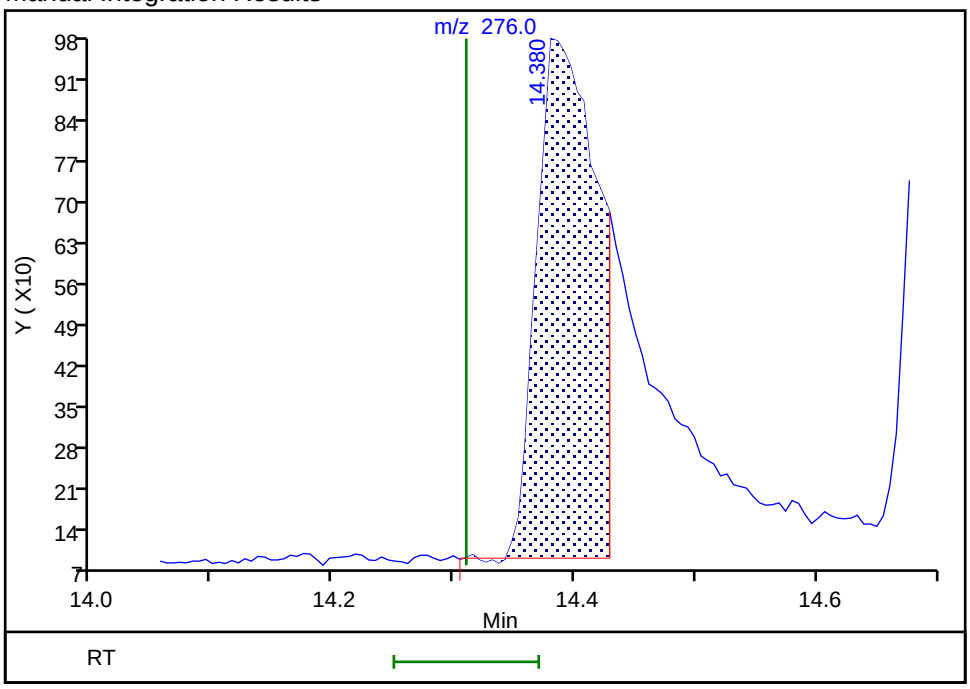
Not Detected
Expected RT: 14.31

Processing Integration Results



Manual Integration Results

RT: 14.38
Area: 2974
Amount: 9.340821
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:42:52
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

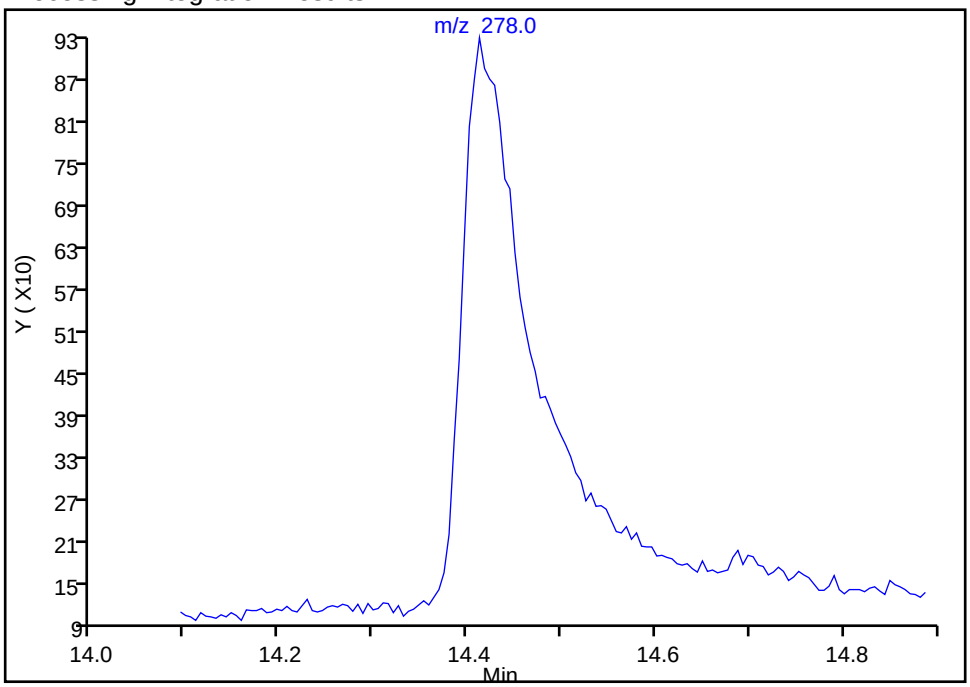
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

29 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

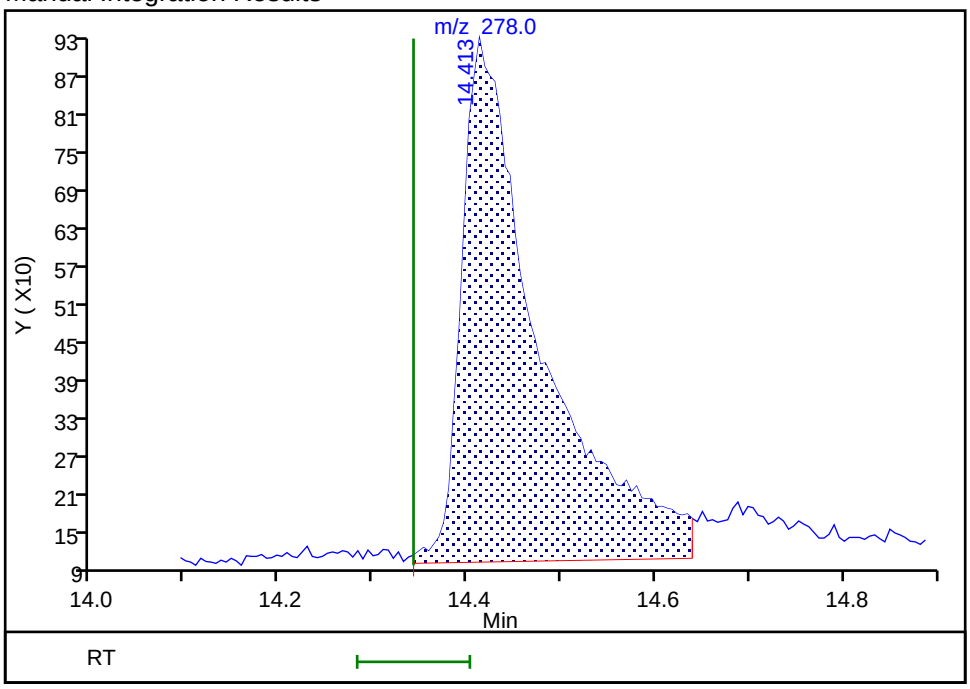
Not Detected
Expected RT: 14.34

Processing Integration Results



Manual Integration Results

RT: 14.41
Area: 4802
Amount: 10.014730
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:42:57
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

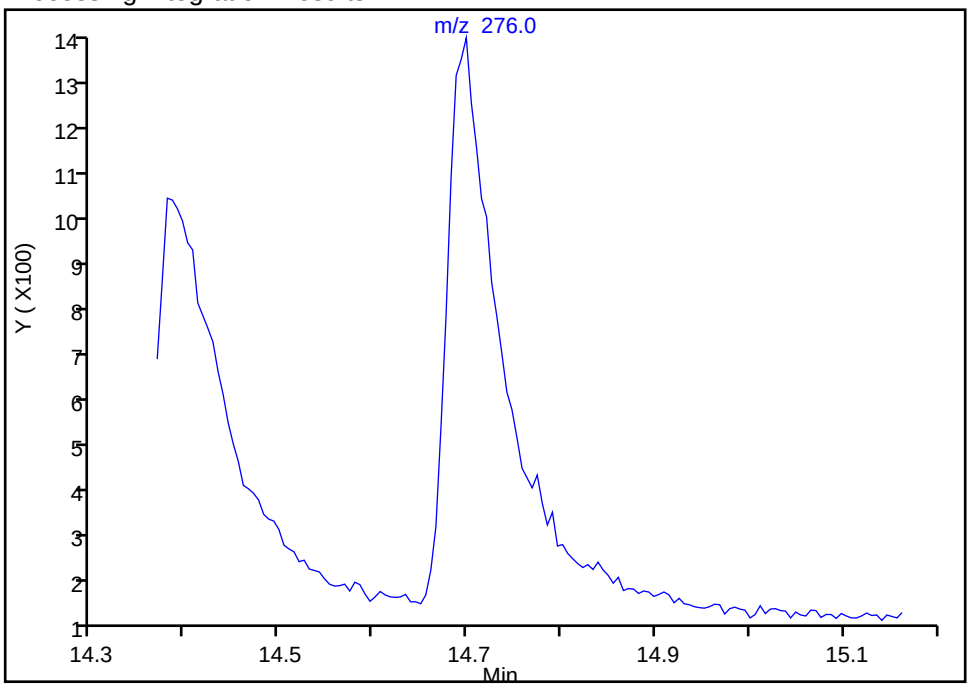
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a028.D
Injection Date: 05-Oct-2021 21:51:30 Instrument ID: SEA101
Lims ID: std4
Client ID:
Operator ID: TL ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

30 Benzo[g,h,i]perylene, CAS: 191-24-2

Signal: 1

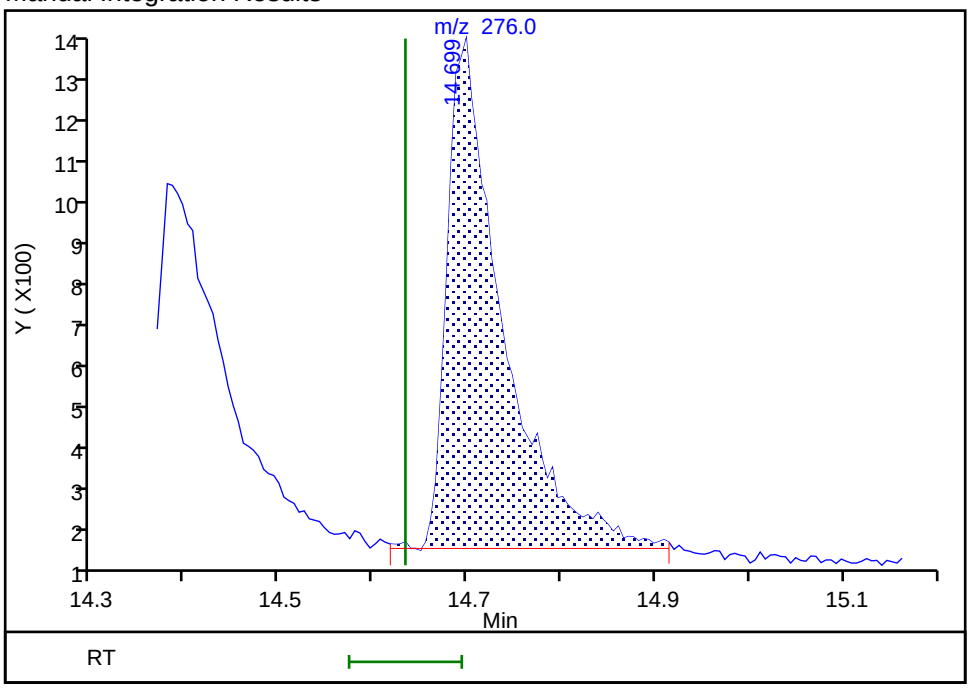
Not Detected
Expected RT: 14.63

Processing Integration Results



Manual Integration Results

RT: 14.70
Area: 4734
Amount: 10.103032
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:43:03
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins FGS, Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Lims ID: std3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 05-Oct-2021 22:15:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 3
Operator ID: TL Instrument ID: SEA101
Sublist: chrom-8270_SIM_SEA101*sub12

Method: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 22-Oct-2021 13:13:08 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: limmere Date: 06-Oct-2021 10:46:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.552	5.507	0.045	1	26197	100.0	100.0	M
* 2 Naphthalene-d8	136	6.661	6.636	0.025	1	49428	100.0	100.0	
* 3 Acenaphthene-d10	164	8.122	8.097	0.025	1	24599	100.0	100.0	
* 4 Phenanthrene-d10	188	9.345	9.312	0.033	1	36775	100.0	100.0	
* 5 Chrysene-d12	240	11.534	11.501	0.033	1	28220	100.0	100.0	
* 6 Perylene-d12	264	13.045	13.023	0.022	1	27562	100.0	100.0	
$ 7 2-methylnaphthalene-d10	152	7.330	7.217	0.113	100	1521	5.00	5.22	M
$ 8 2-Fluorobiphenyl	172	7.641	7.554	0.087	1	1824	5.00	5.35	M
$ 9 2,4,6-Tribromophenol	330	8.853	8.750	0.103	1	229	5.00	9.68	M
$ 10 Fluoranthene-d10 (Surr)	212	10.335	10.290	0.045	100	1973	5.00	4.85	M
$ 11 Terphenyl-d14	244	10.669	10.629	0.040	1	1412	5.00	5.09	M
12 Naphthalene	128	6.677	6.656	0.020	1	3686	5.00	4.90	M
13 2-Methylnaphthalene	142	7.381	7.243	0.138	1	1308	5.00	4.27	M
14 1-Methylnaphthalene	142	7.396	7.319	0.077	1	1907	5.00	5.45	M
15 Acenaphthylene	152	8.023	7.983	0.040	1	2537	5.00	5.40	M
16 Acenaphthene	153	8.147	8.122	0.025	1	2027	5.00	6.11	M
17 Fluorene	166	8.614	8.549	0.065	0	1979	5.00	5.84	M
19 Phenanthrene	178	9.367	9.329	0.038	1	2210	5.00	5.32	M
20 Anthracene	178	9.445	9.373	0.072	1	3977	5.00	5.10	M
21 Fluoranthene	202	10.348	10.303	0.045	1	2858	5.00	6.14	M
22 Pyrene	202	10.529	10.488	0.041	21	2760	5.00	5.63	M
23 Benzo[a]anthracene	228	11.545	11.491	0.054	1	1155	5.00	5.11	M
24 Chrysene	228	11.555	11.523	0.032	1	3616	5.00	4.83	M
25 Benzo[b]fluoranthene	252	12.629	12.580	0.049	1	1162	5.00	5.55	M
26 Benzo[k]fluoranthene	252	12.656	12.612	0.044	1	3715	5.00	5.13	M
27 Benzo[a]pyrene	252	13.007	12.953	0.054	1	2164	5.00	5.88	M
28 Indeno[1,2,3-cd]pyrene	276	14.407	14.310	0.097	1	1607	5.00	5.34	M
29 Dibenz(a,h)anthracene	278	14.434	14.342	0.092	1	2715	5.00	5.12	M
30 Benzo[g,h,i]perylene	276	14.709	14.634	0.075	6	2312	5.00	5.22	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8270SIM_IS_00069	Amount Added: 9.00	Units: uL
8270ccvl_50_00037	Amount Added: 100.00	Units: uL

Report Date: 22-Oct-2021 13:13:10 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins FGS, Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D

Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101

Lims ID: std3

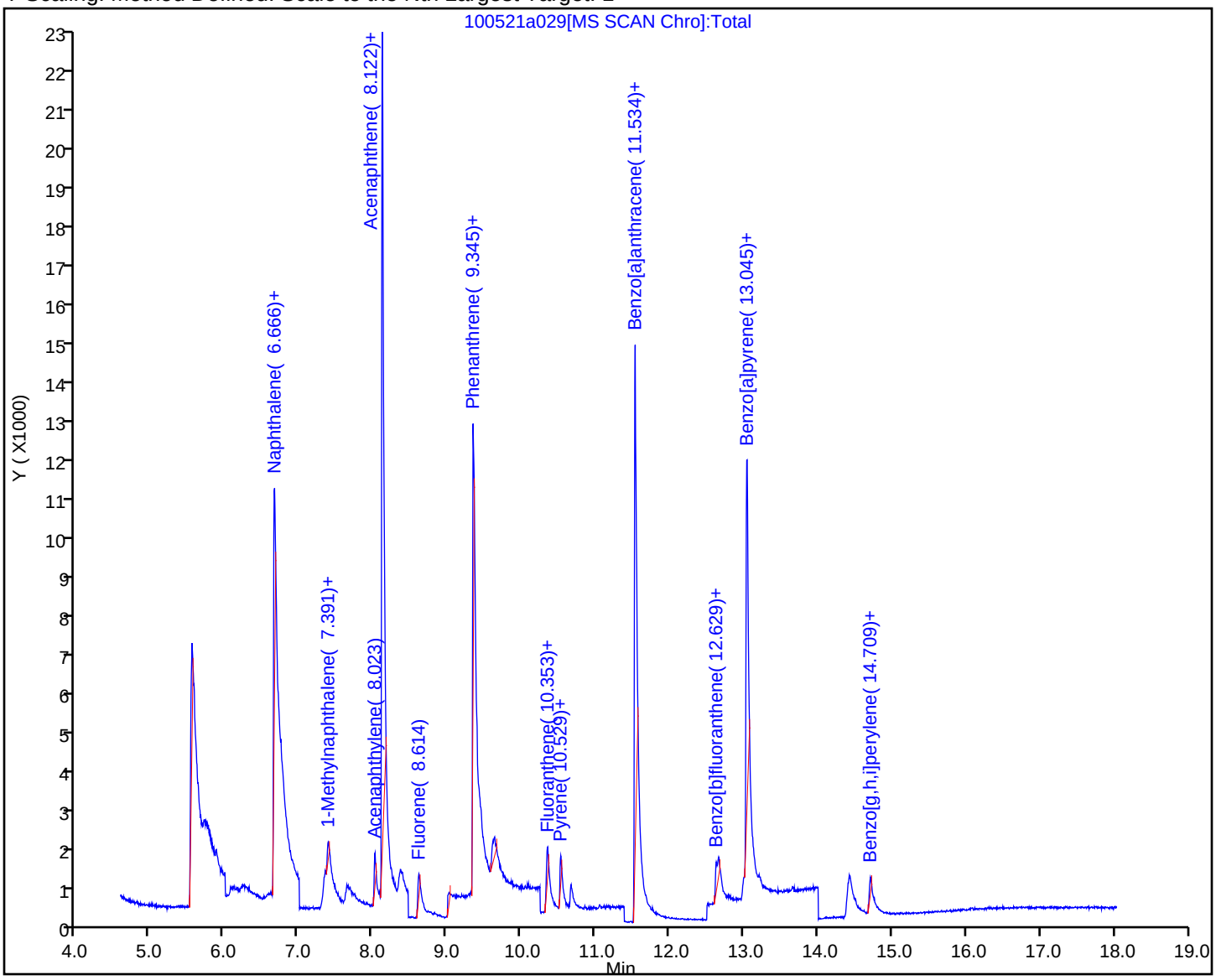
Client ID:

Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

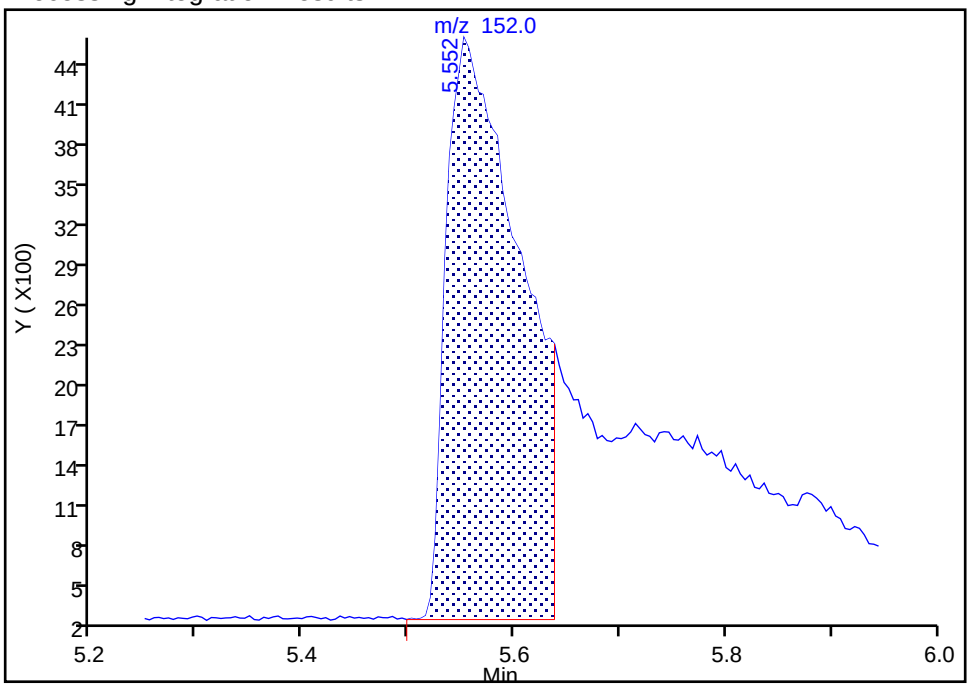
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

* 1 1,4-Dichlorobenzene-d4, CAS: 3855-82-1

Signal: 1

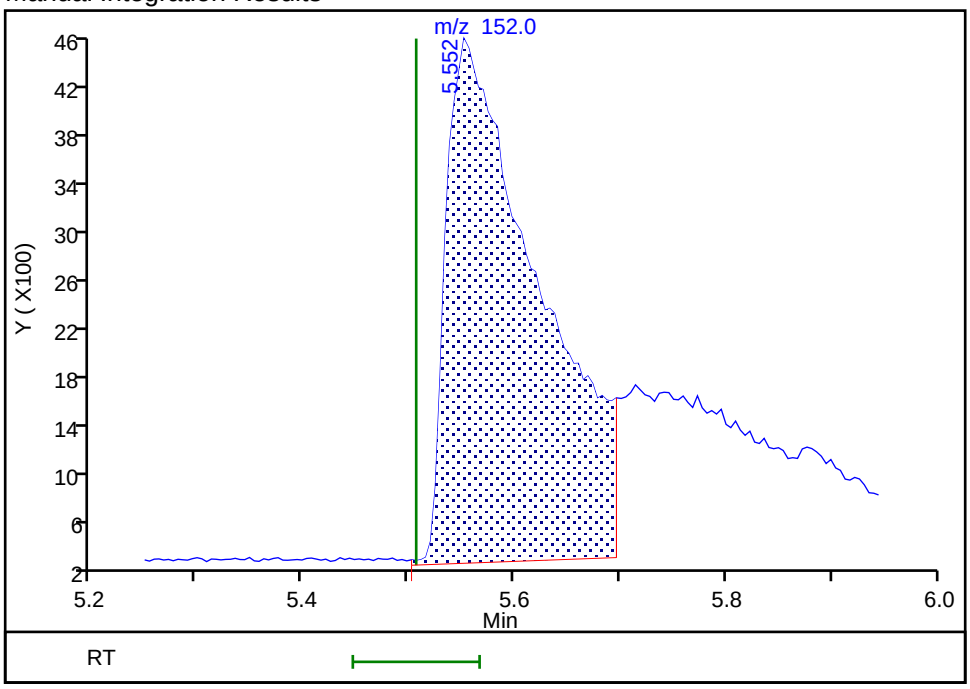
Processing Integration Results

RT: 5.55
Area: 20718
Amount: 100.0000
Amount Units: ug/L



Manual Integration Results

RT: 5.55
Area: 26197
Amount: 100.0000
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:43:30
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

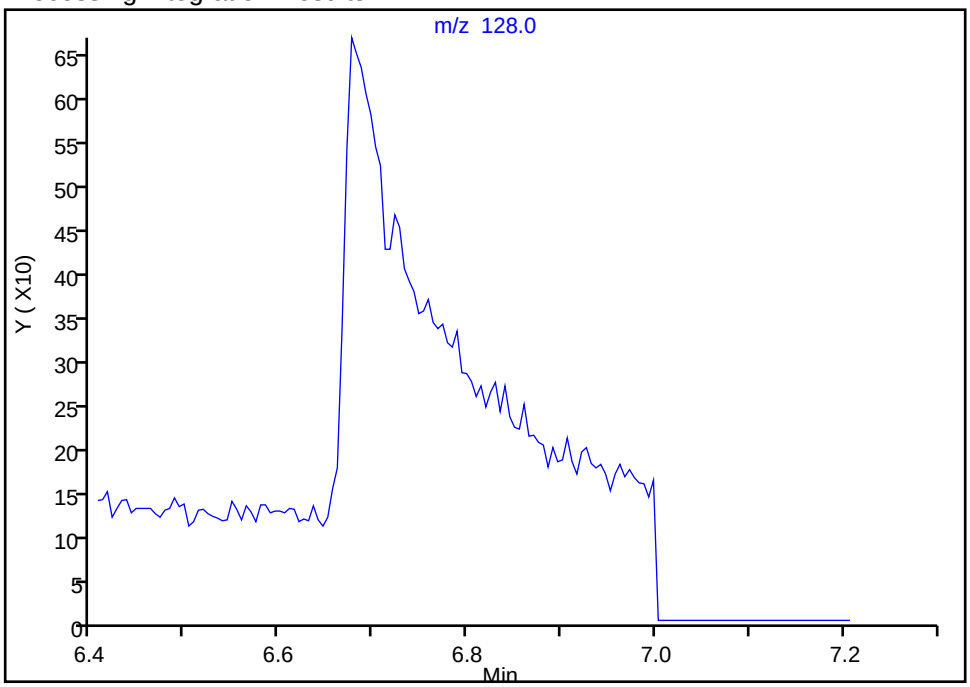
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

12 Naphthalene, CAS: 91-20-3

Signal: 1

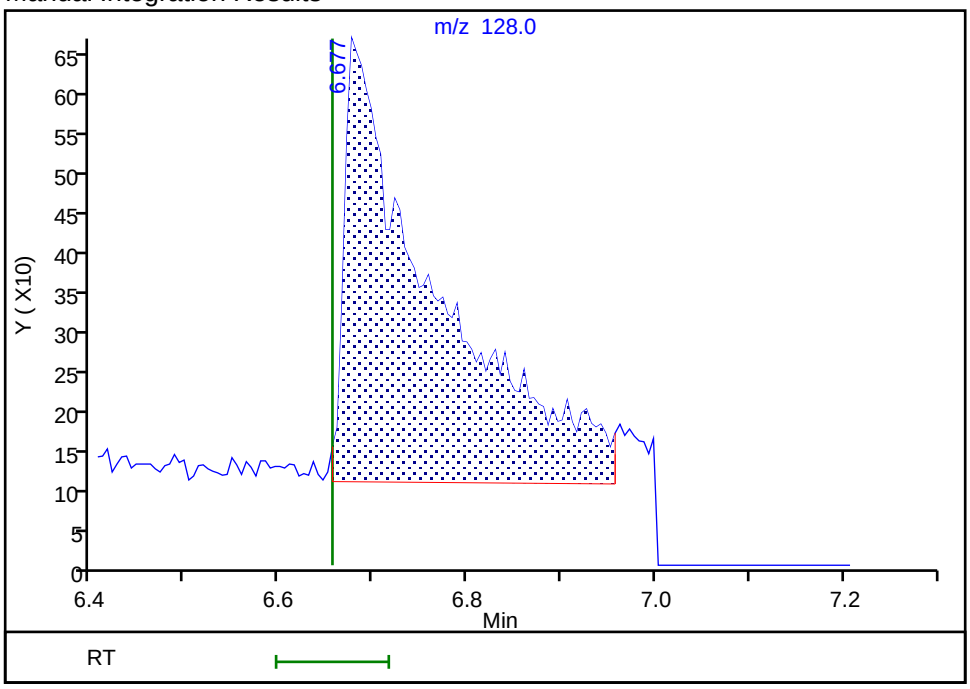
Not Detected
Expected RT: 6.66

Processing Integration Results



Manual Integration Results

RT: 6.68
Area: 3686
Amount: 4.902024
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:21:22
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

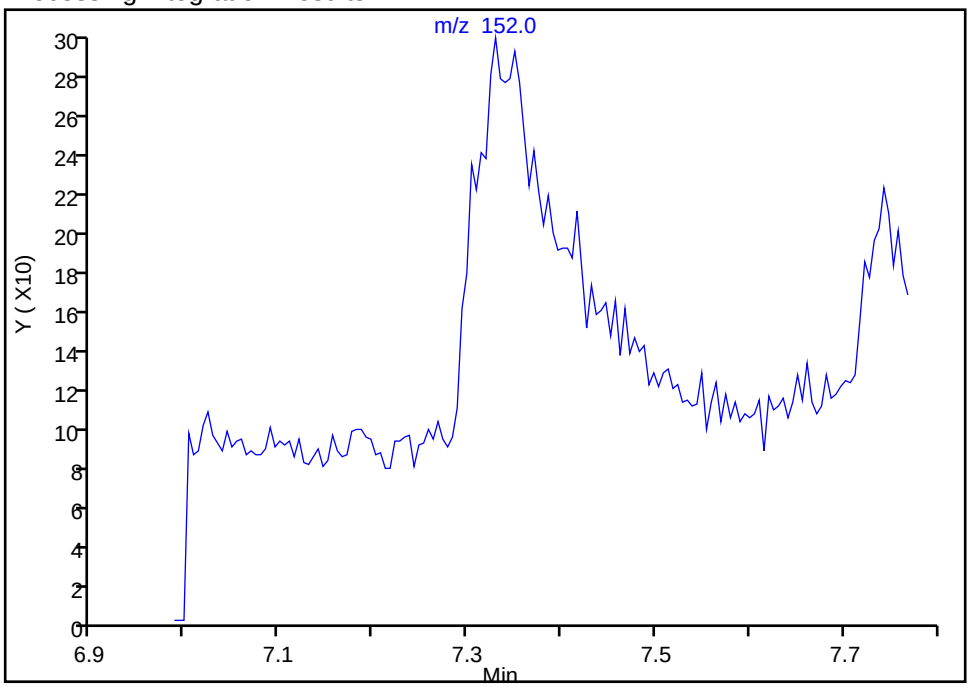
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 7 2-methylnaphthalene-d10, CAS: 7297-45-2

Signal: 1

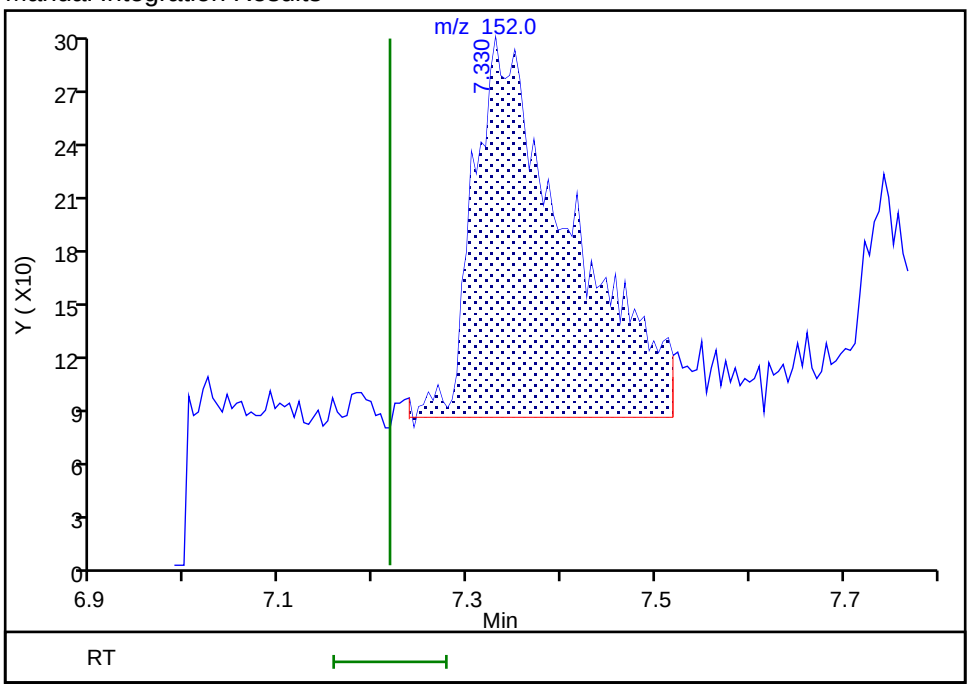
Not Detected
Expected RT: 7.22

Processing Integration Results



Manual Integration Results

RT: 7.33
Area: 1521
Amount: 5.224722
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:43:46
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins FGS, Seattle

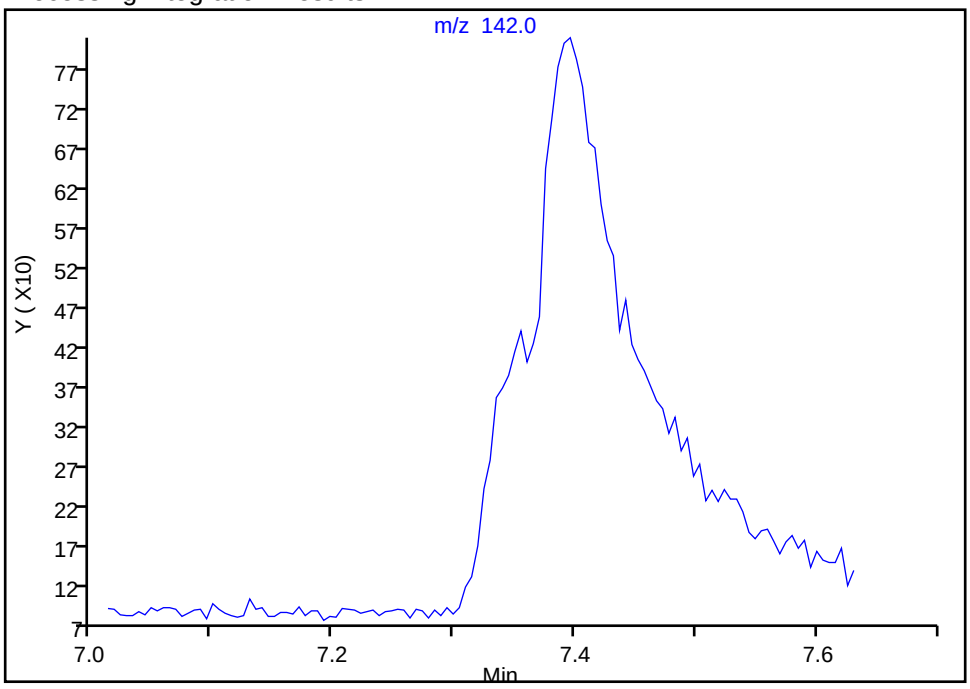
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

13 2-Methylnaphthalene, CAS: 91-57-6

Signal: 1

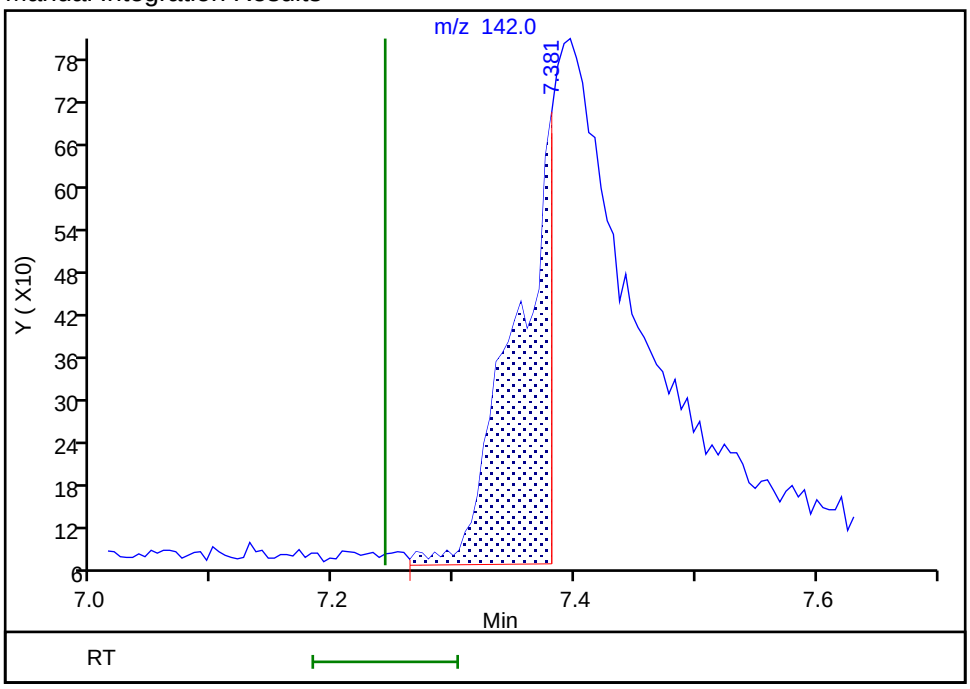
Not Detected
Expected RT: 7.24

Processing Integration Results



Manual Integration Results

RT: 7.38
Area: 1308
Amount: 4.269975
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:25:02
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

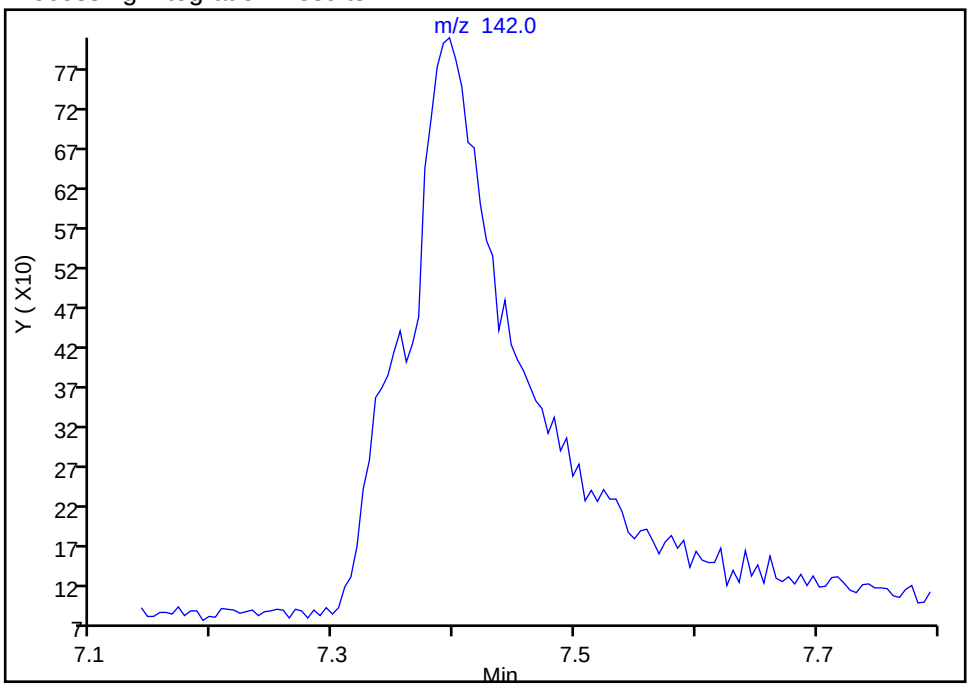
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

14 1-Methylnaphthalene, CAS: 90-12-0

Signal: 1

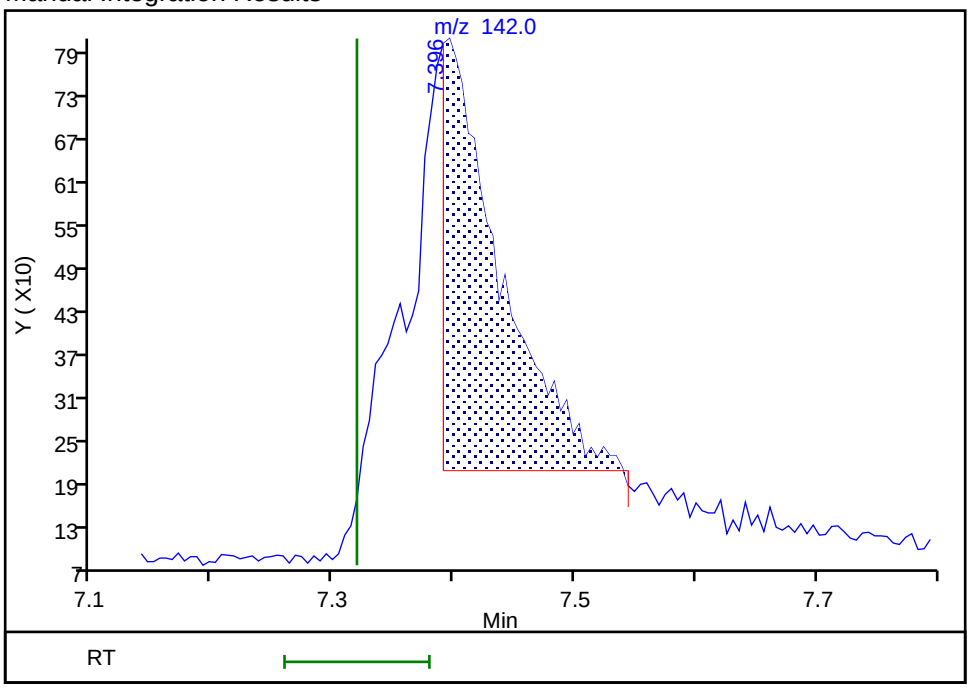
Not Detected
Expected RT: 7.32

Processing Integration Results



Manual Integration Results

RT: 7.40
Area: 1907
Amount: 5.453227
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:30:34
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

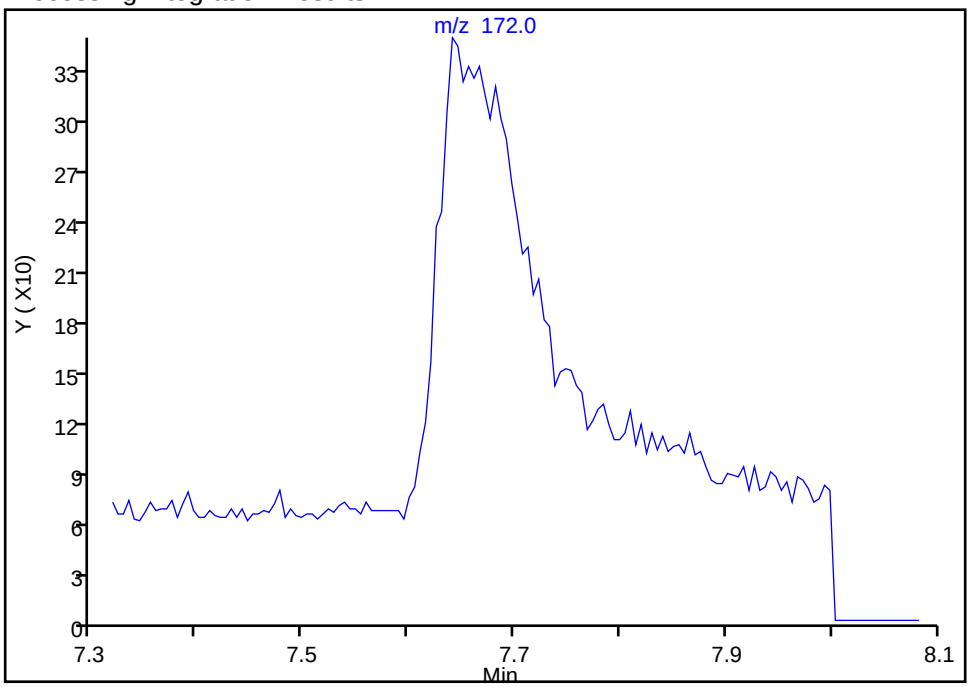
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 8 2-Fluorobiphenyl, CAS: 321-60-8

Signal: 1

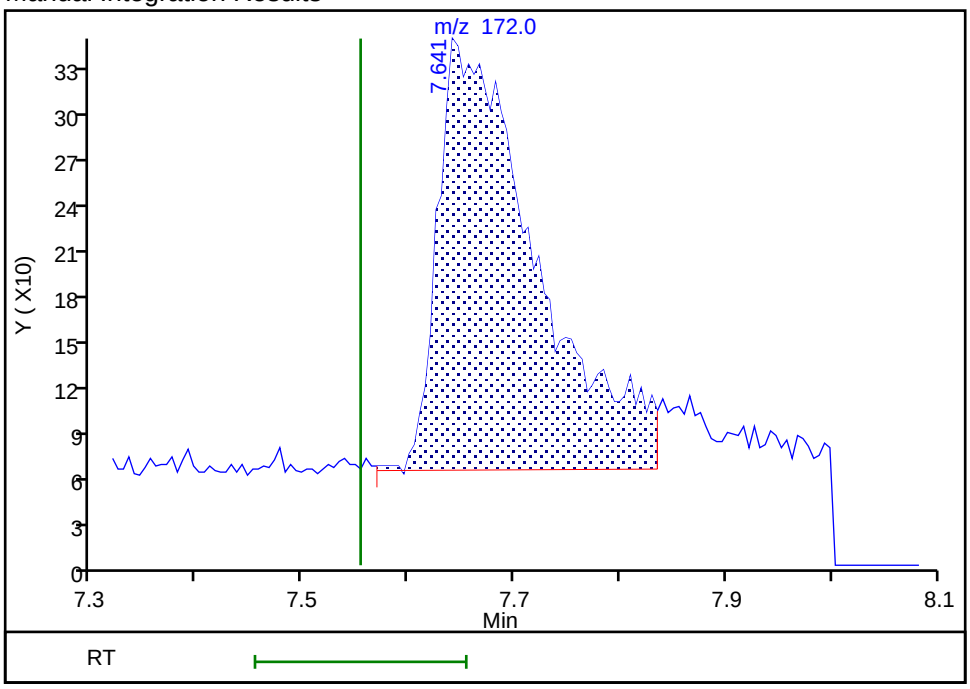
Processing Integration Results

Not Detected
Expected RT: 7.55



Manual Integration Results

RT: 7.64
Area: 1824
Amount: 5.347886
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:43:50
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

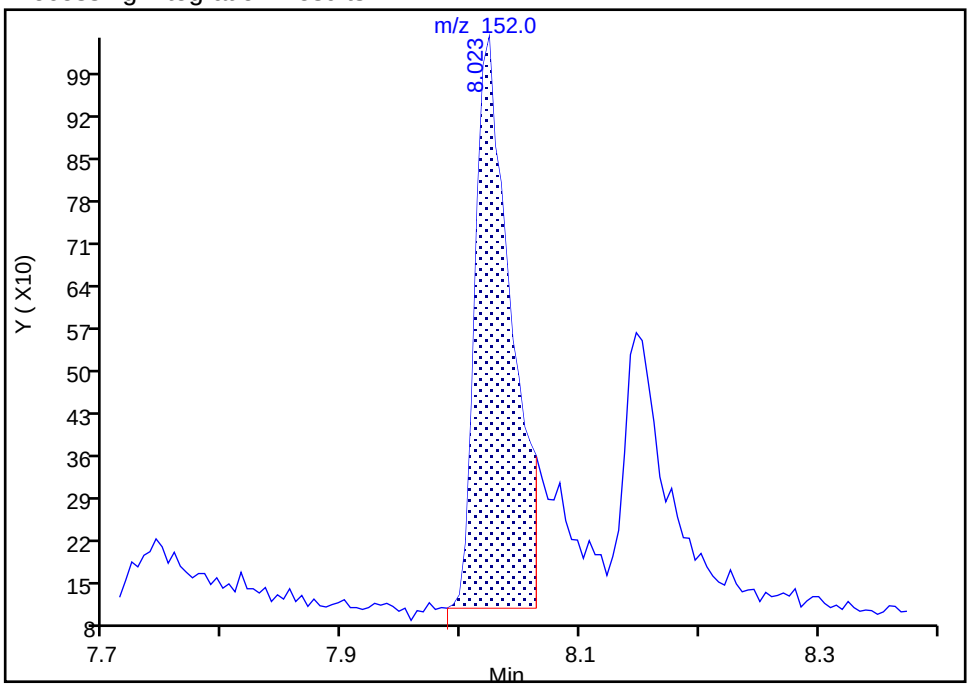
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D				
Injection Date:	05-Oct-2021 22:15:30	Instrument ID:	SEA101		
Lims ID:	std3				
Client ID:					
Operator ID:	TL	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

15 Acenaphthylene, CAS: 208-96-8

Signal: 1

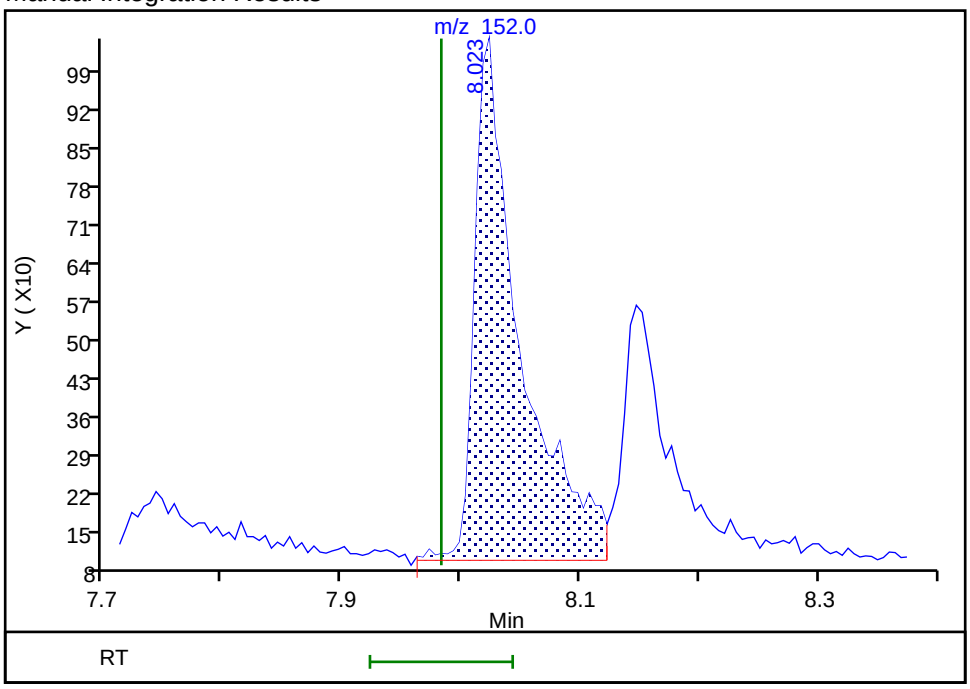
Processing Integration Results

RT: 8.02
Area: 1937
Amount: 4.255143
Amount Units: ug/L



Manual Integration Results

RT: 8.02
Area: 2537
Amount: 5.402971
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:45:09

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

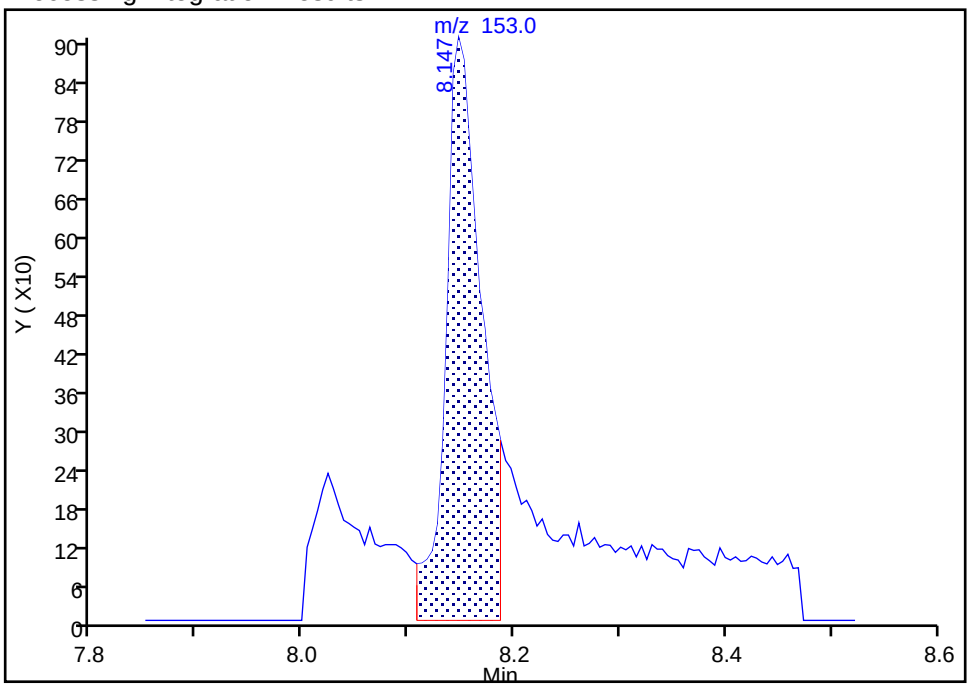
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

16 Acenaphthene, CAS: 83-32-9

Signal: 1

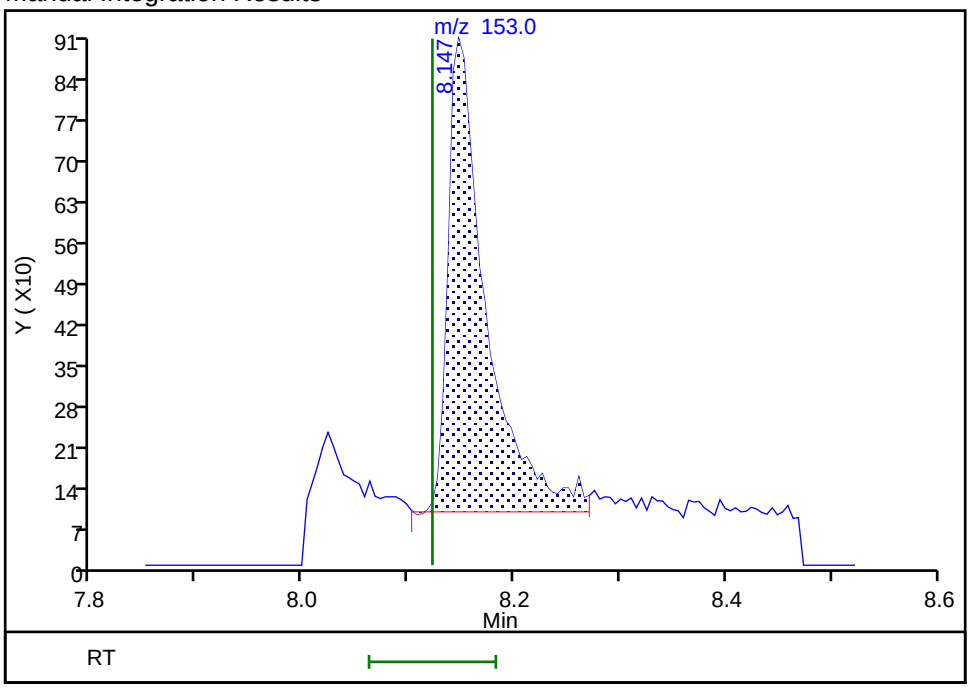
Processing Integration Results

RT: 8.15
Area: 2107
Amount: 6.171374
Amount Units: ug/L



Manual Integration Results

RT: 8.15
Area: 2027
Amount: 6.106445
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:45:14
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

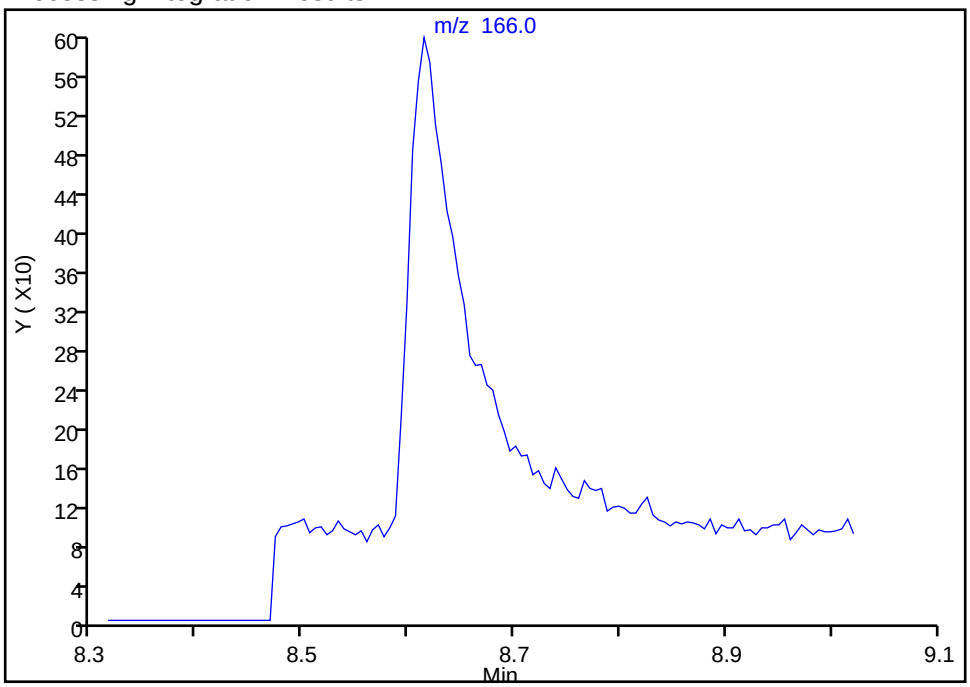
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

17 Fluorene, CAS: 86-73-7

Signal: 1

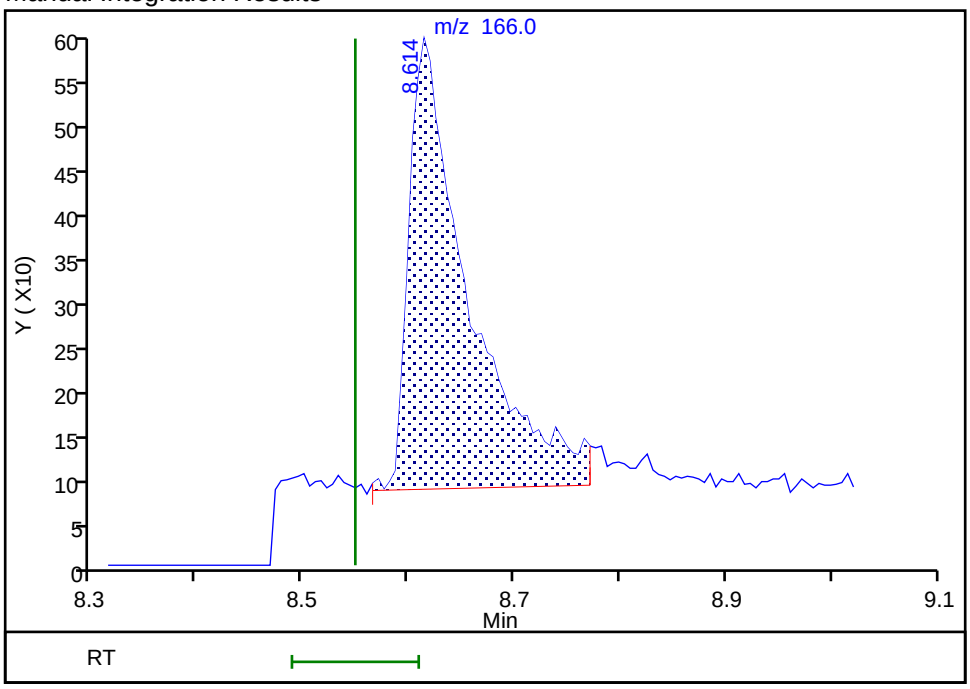
Not Detected
Expected RT: 8.55

Processing Integration Results



Manual Integration Results

RT: 8.61
Area: 1979
Amount: 5.843021
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:45:18
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

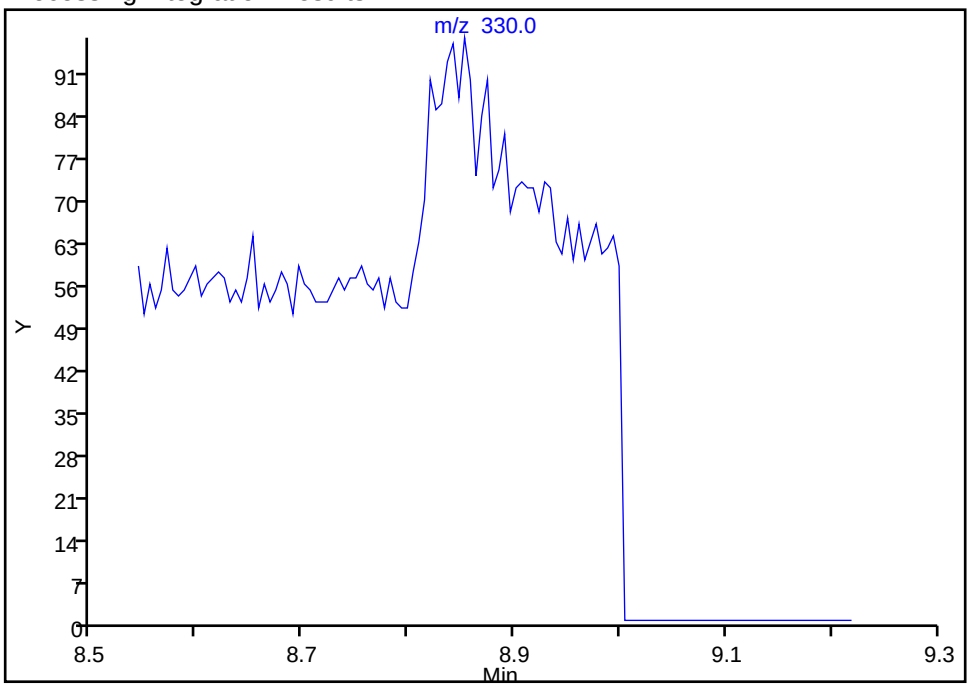
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 9 2,4,6-Tribromophenol, CAS: 118-79-6

Signal: 1

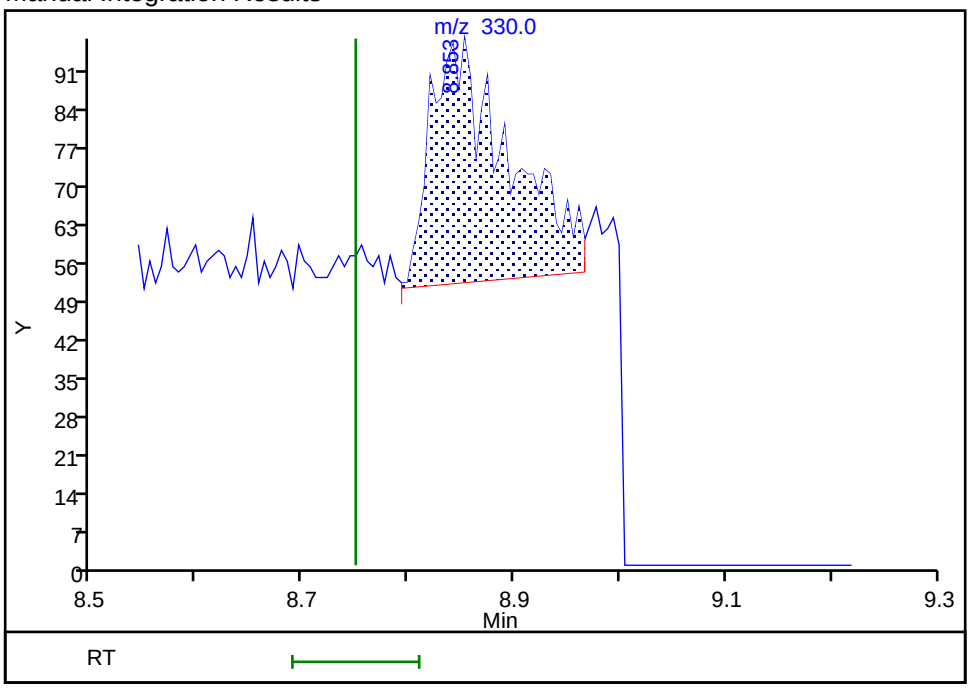
Not Detected
Expected RT: 8.75

Processing Integration Results



Manual Integration Results

RT: 8.85
Area: 229
Amount: 9.675813
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:44:01
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

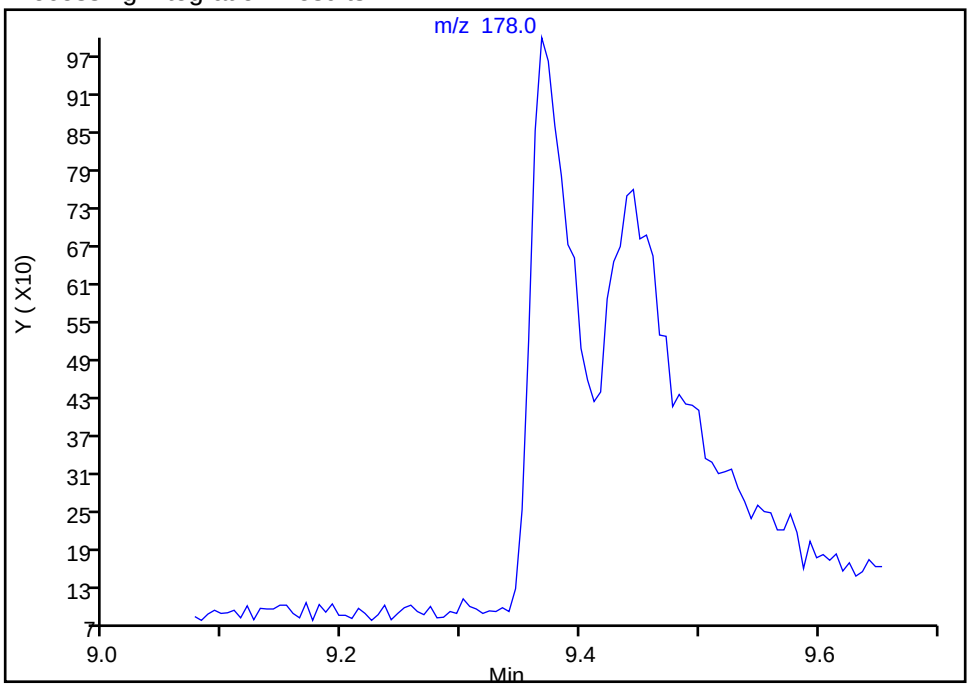
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

19 Phenanthrene, CAS: 85-01-8

Signal: 1

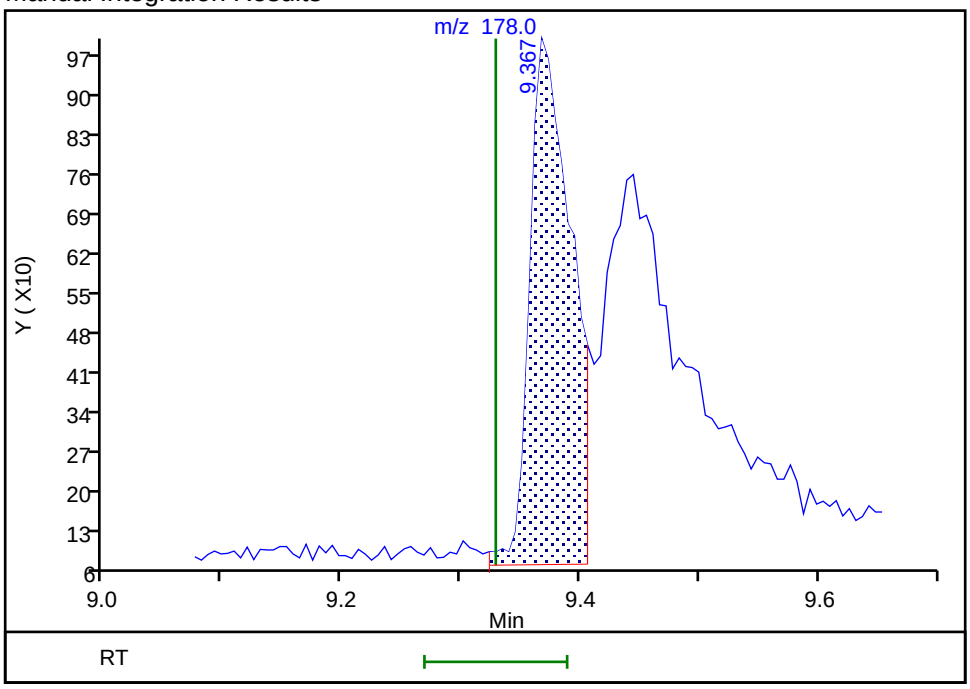
Not Detected
Expected RT: 9.33

Processing Integration Results



Manual Integration Results

RT: 9.37
Area: 2210
Amount: 5.320679
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:45:25
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

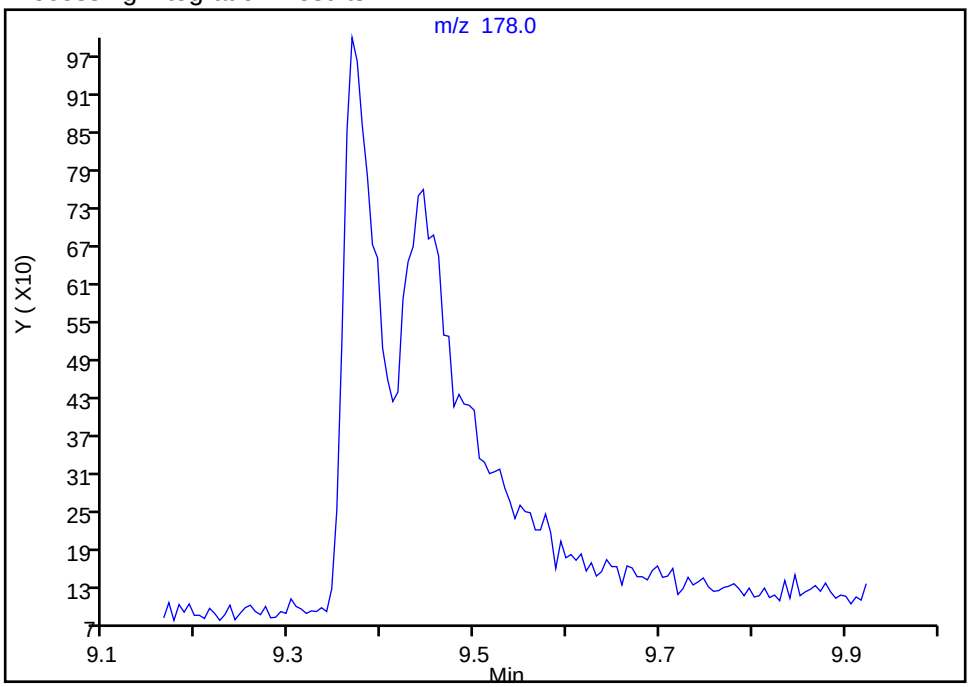
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

20 Anthracene, CAS: 120-12-7

Signal: 1

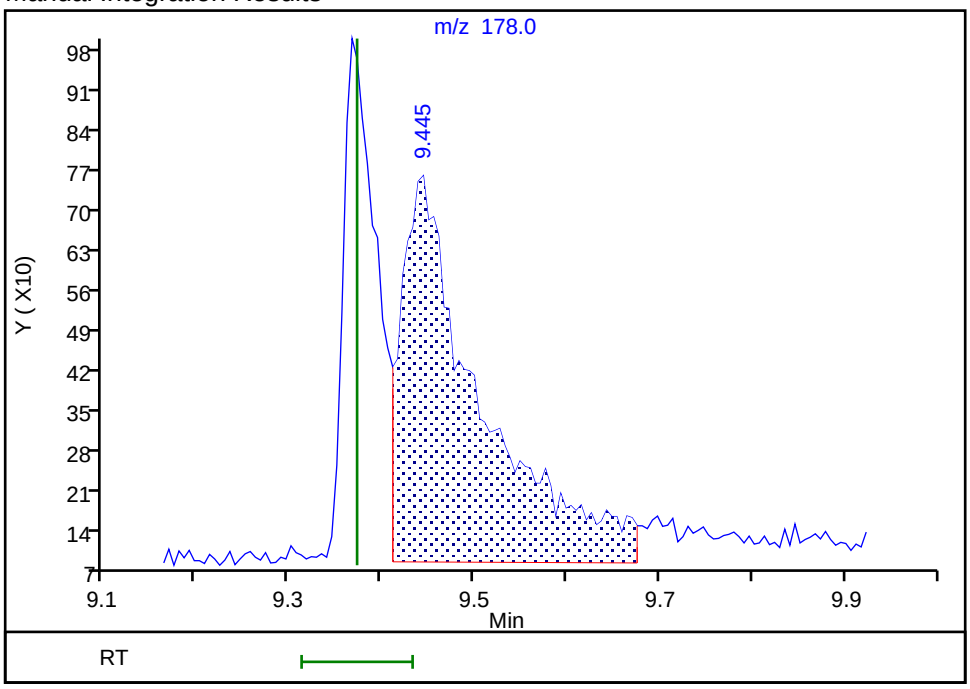
Not Detected
Expected RT: 9.37

Processing Integration Results



Manual Integration Results

RT: 9.44
Area: 3977
Amount: 5.096800
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:45:36
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

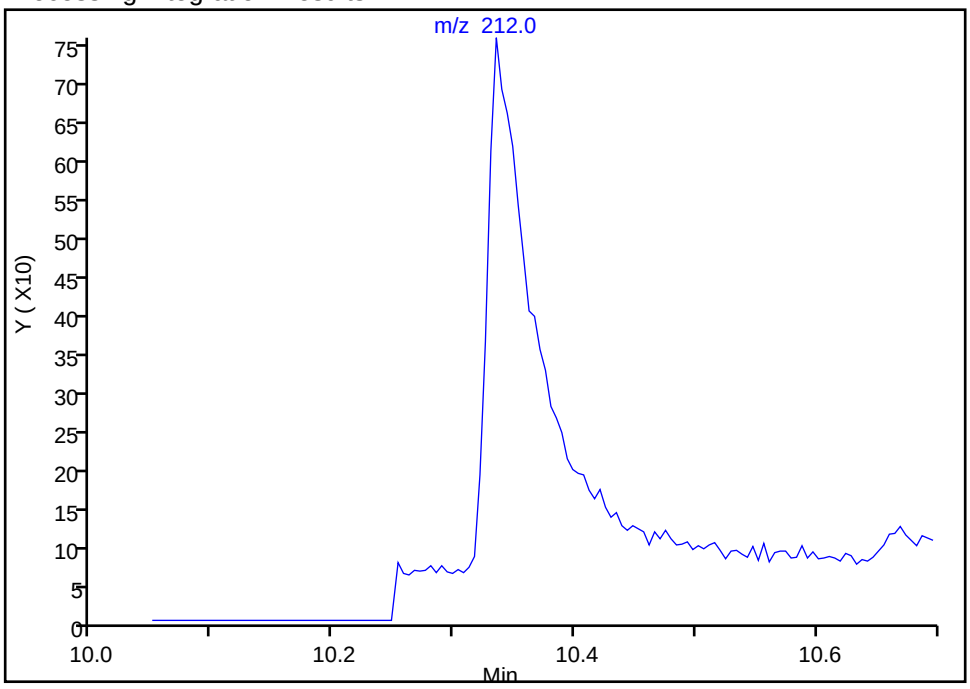
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 10 Fluoranthene-d10 (Surr), CAS: 93951-69-0

Signal: 1

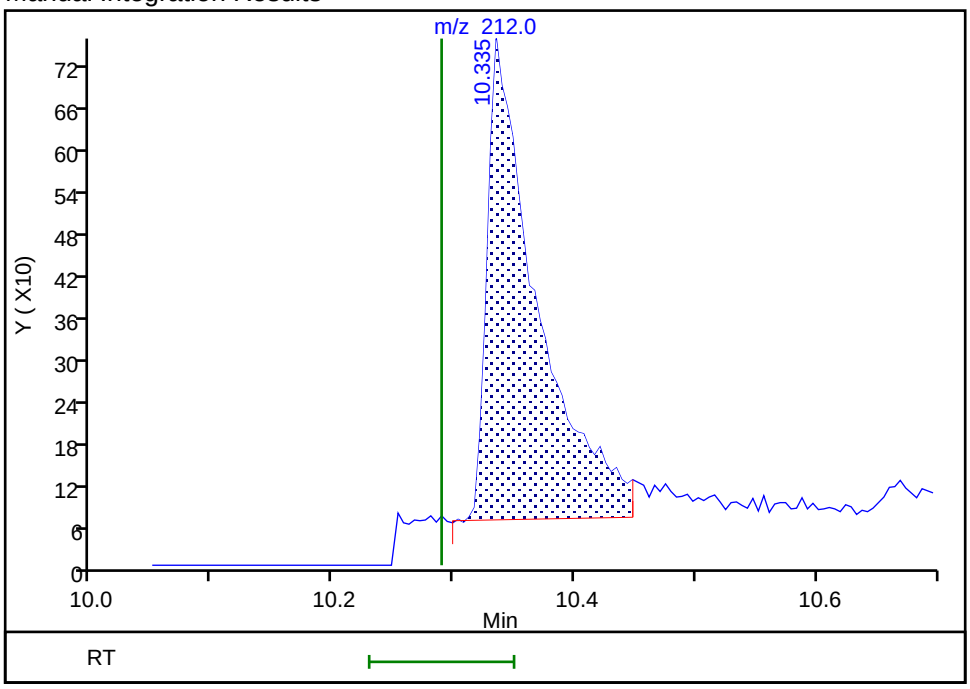
Not Detected
Expected RT: 10.29

Processing Integration Results



Manual Integration Results

RT: 10.33
Area: 1973
Amount: 4.853075
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:44:05
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

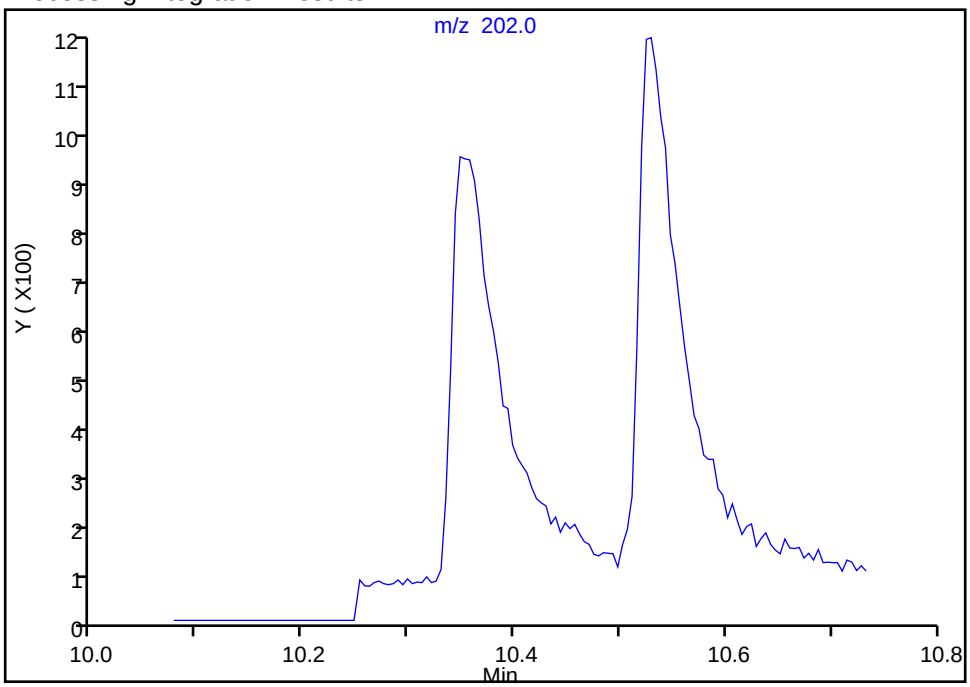
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

21 Fluoranthene, CAS: 206-44-0

Signal: 1

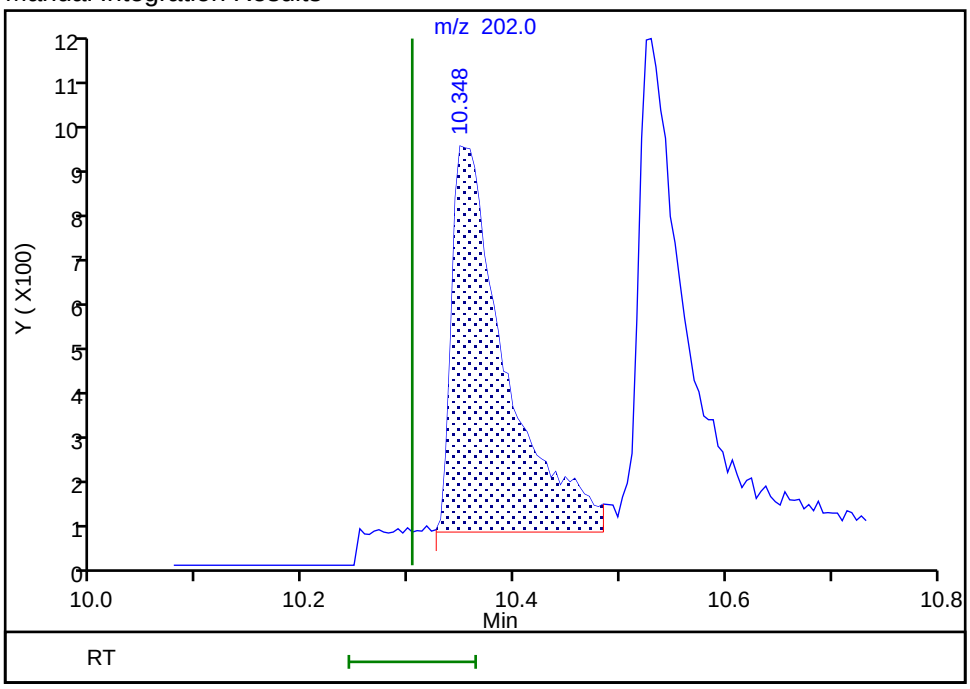
Not Detected
Expected RT: 10.30

Processing Integration Results



Manual Integration Results

RT: 10.35
Area: 2858
Amount: 6.143563
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:45:41
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

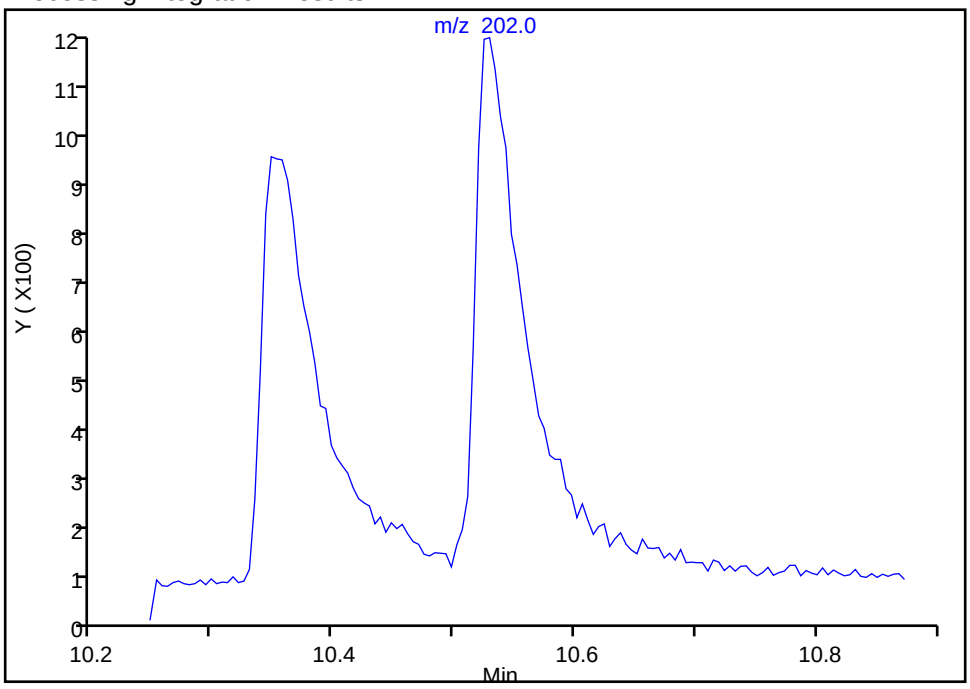
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

22 Pyrene, CAS: 129-00-0

Signal: 1

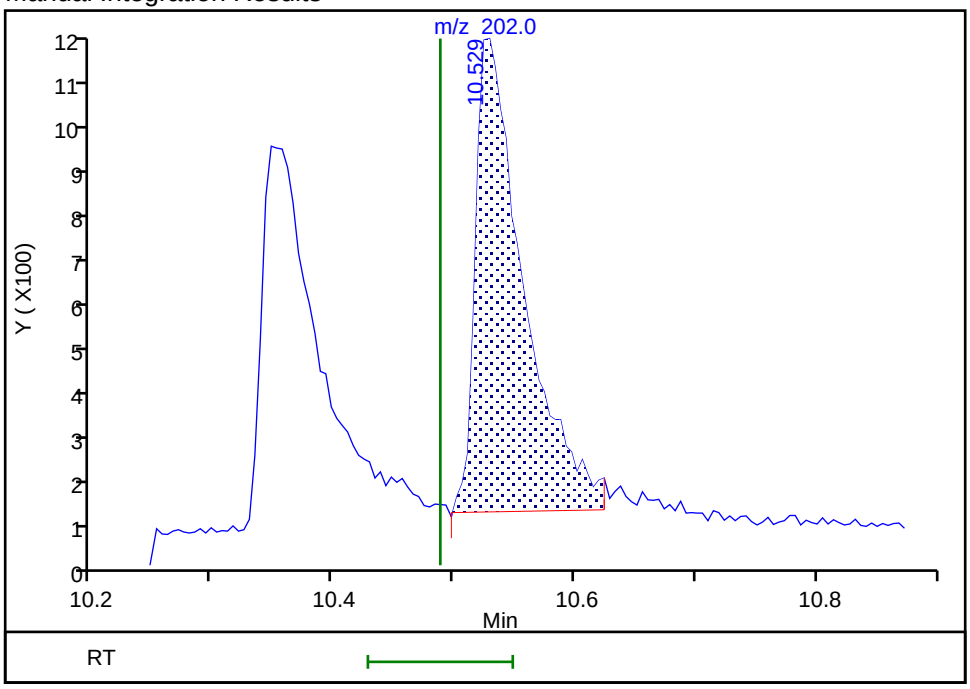
Not Detected
Expected RT: 10.49

Processing Integration Results



Manual Integration Results

RT: 10.53
Area: 2760
Amount: 5.627938
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:45:45
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

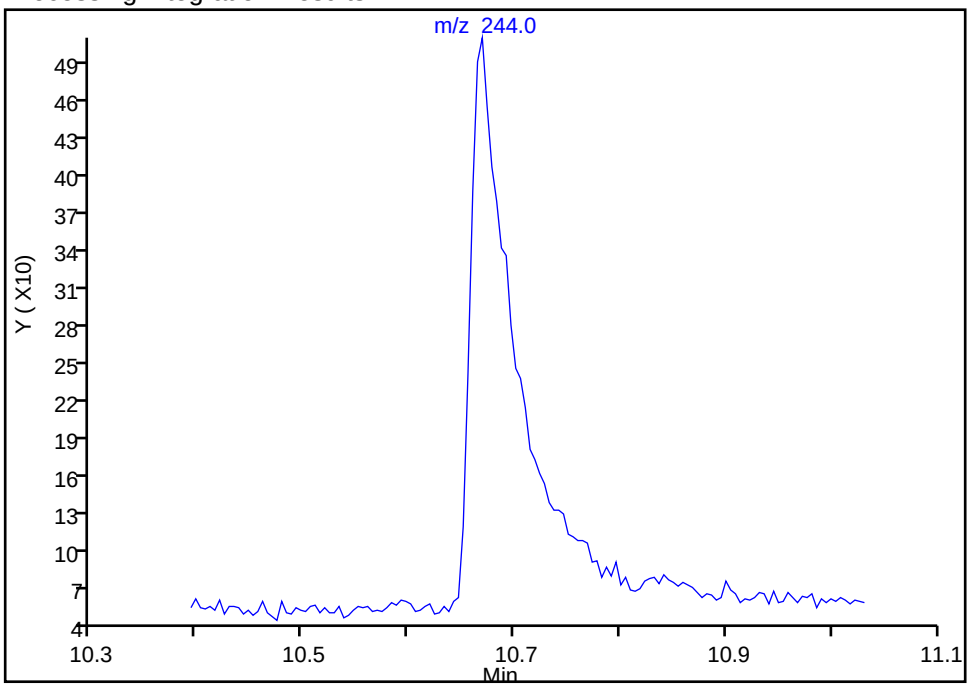
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 11 Terphenyl-d14, CAS: 1718-51-0

Signal: 1

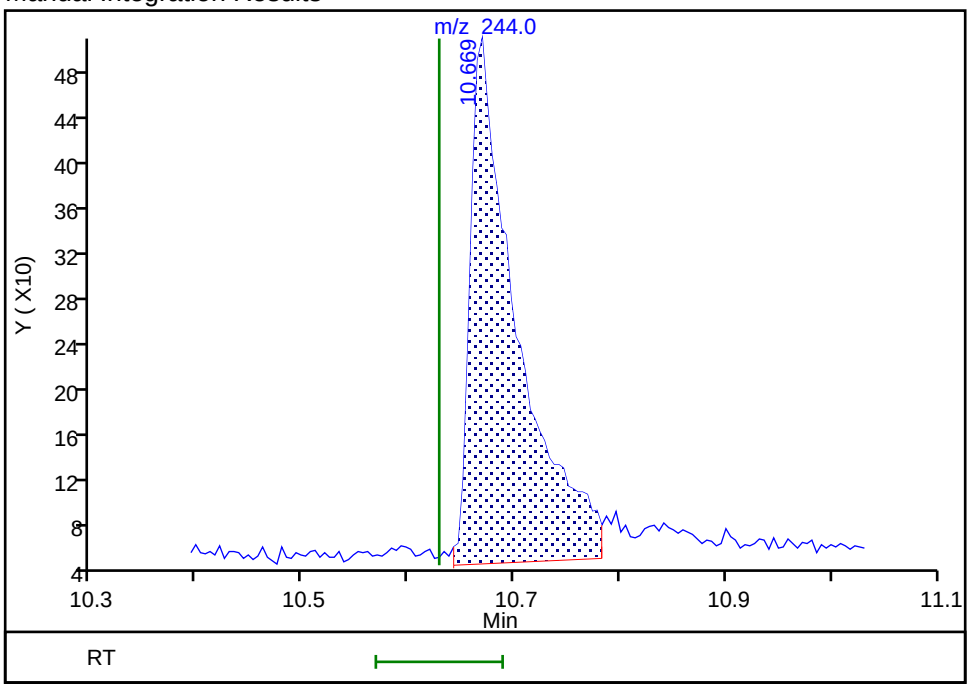
Not Detected
Expected RT: 10.63

Processing Integration Results



Manual Integration Results

RT: 10.67
Area: 1412
Amount: 5.085897
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:44:09
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

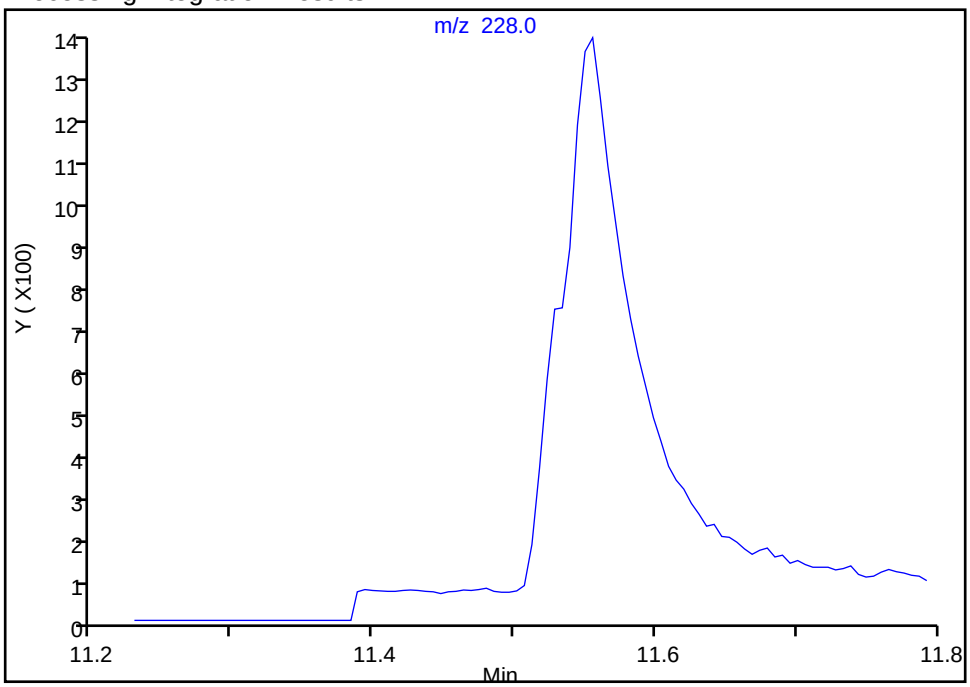
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

23 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

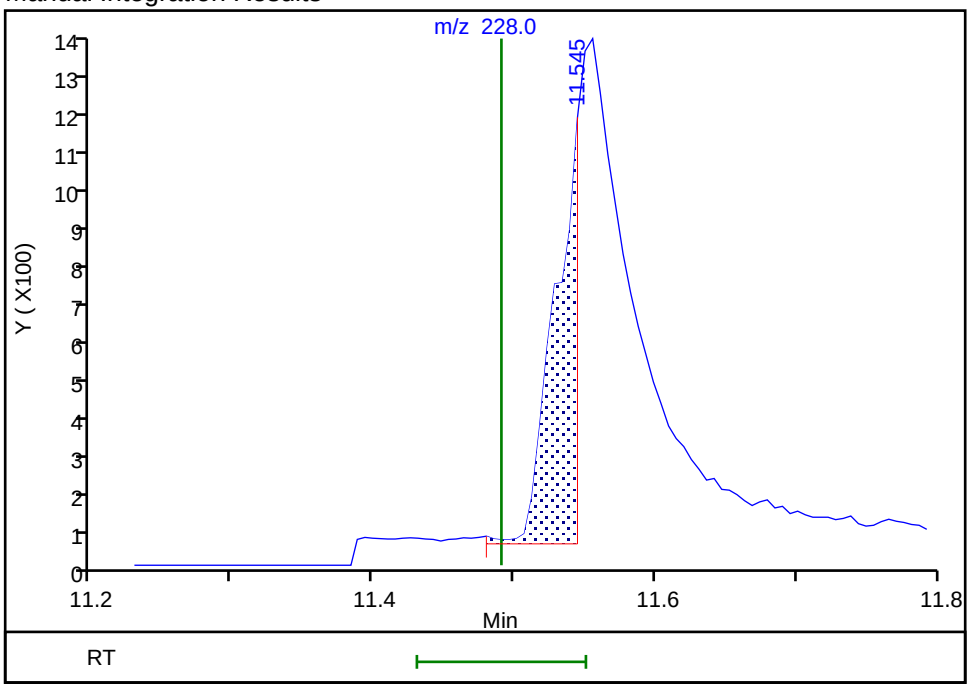
Not Detected
Expected RT: 11.49

Processing Integration Results



Manual Integration Results

RT: 11.54
Area: 1155
Amount: 5.109394
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:46:55
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

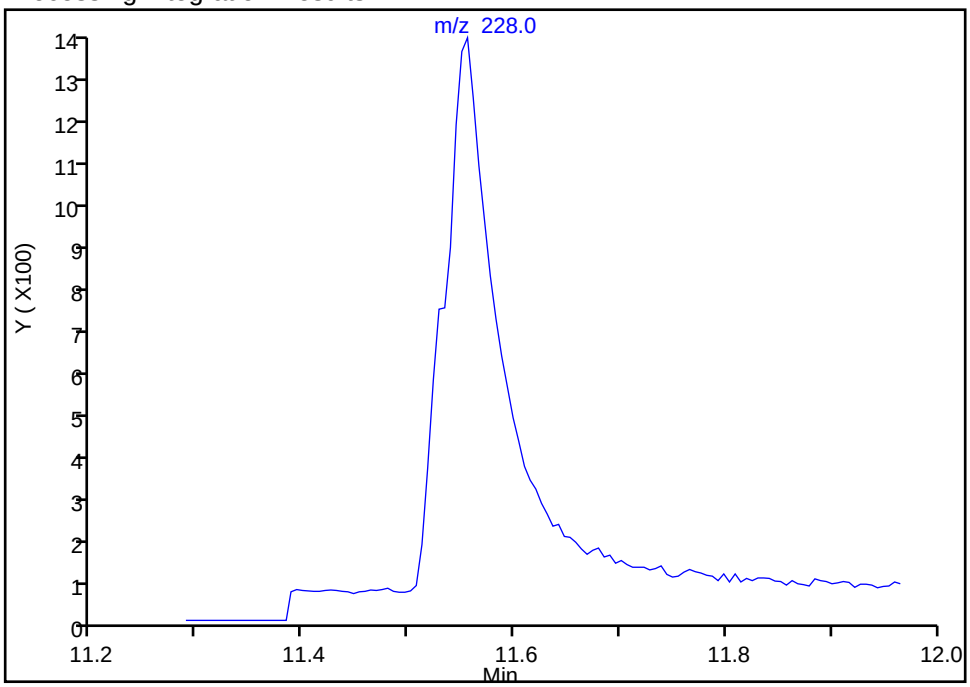
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

24 Chrysene, CAS: 218-01-9

Signal: 1

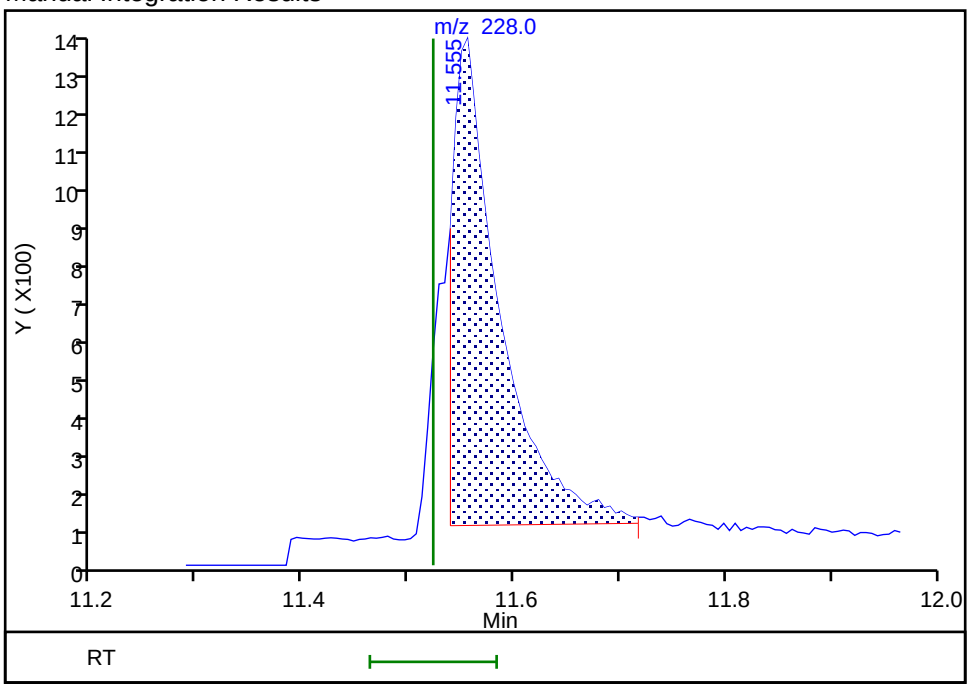
Not Detected
Expected RT: 11.52

Processing Integration Results



Manual Integration Results

RT: 11.56
Area: 3616
Amount: 4.833100
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:46:03
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

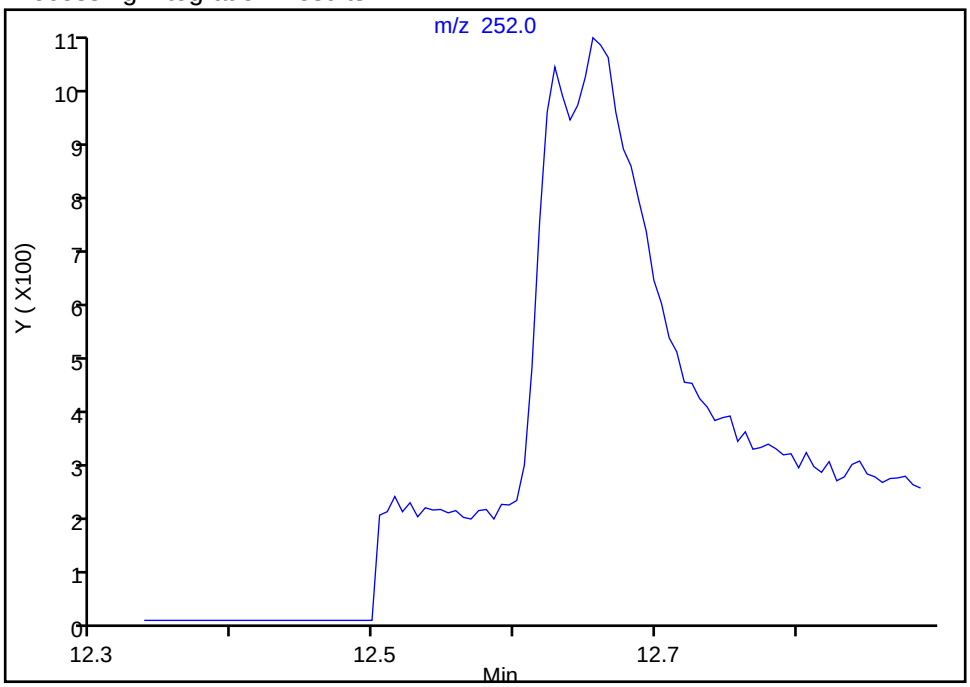
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D				
Injection Date:	05-Oct-2021 22:15:30	Instrument ID:	SEA101		
Lims ID:	std3				
Client ID:					
Operator ID:	TL	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

25 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

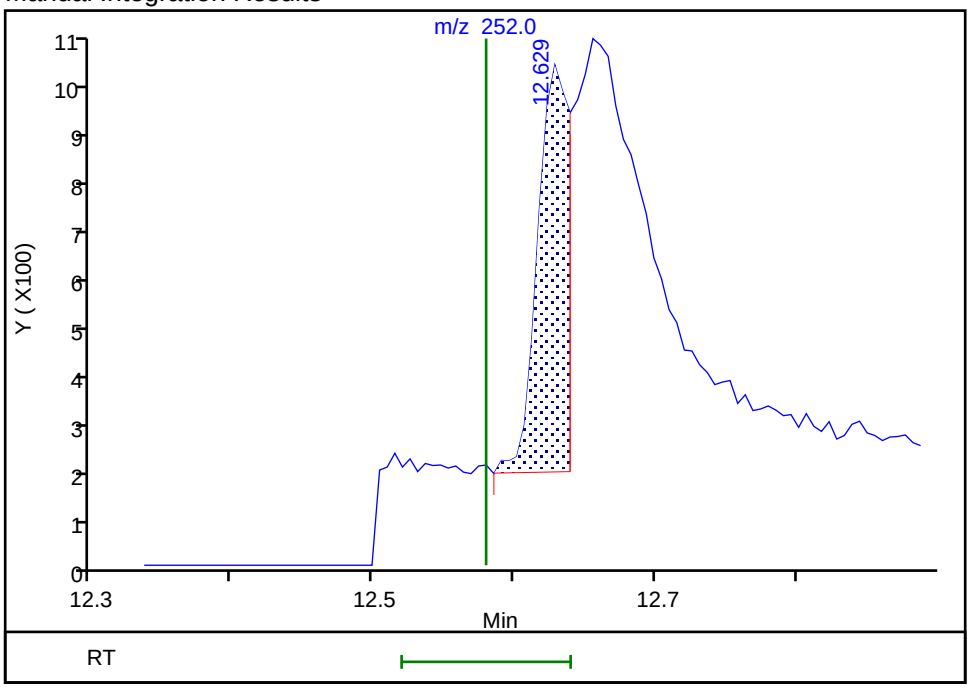
Not Detected
Expected RT: 12.58

Processing Integration Results



Manual Integration Results

RT: 12.63
Area: 1162
Amount: 5.545837
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:46:12
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

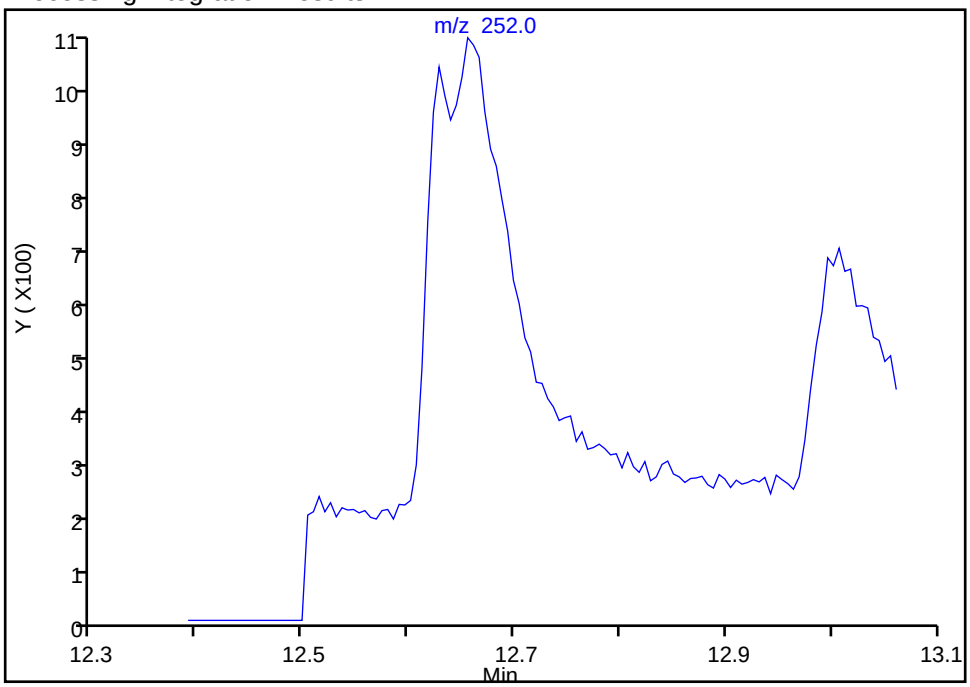
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

26 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

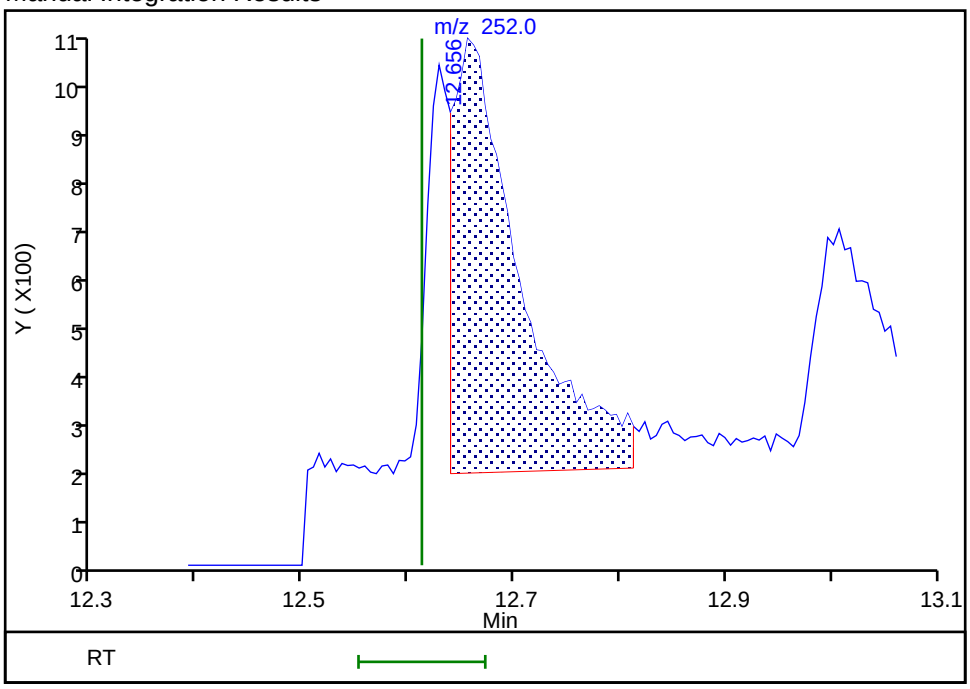
Not Detected
Expected RT: 12.61

Processing Integration Results



Manual Integration Results

RT: 12.66
Area: 3715
Amount: 5.126117
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:46:21
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

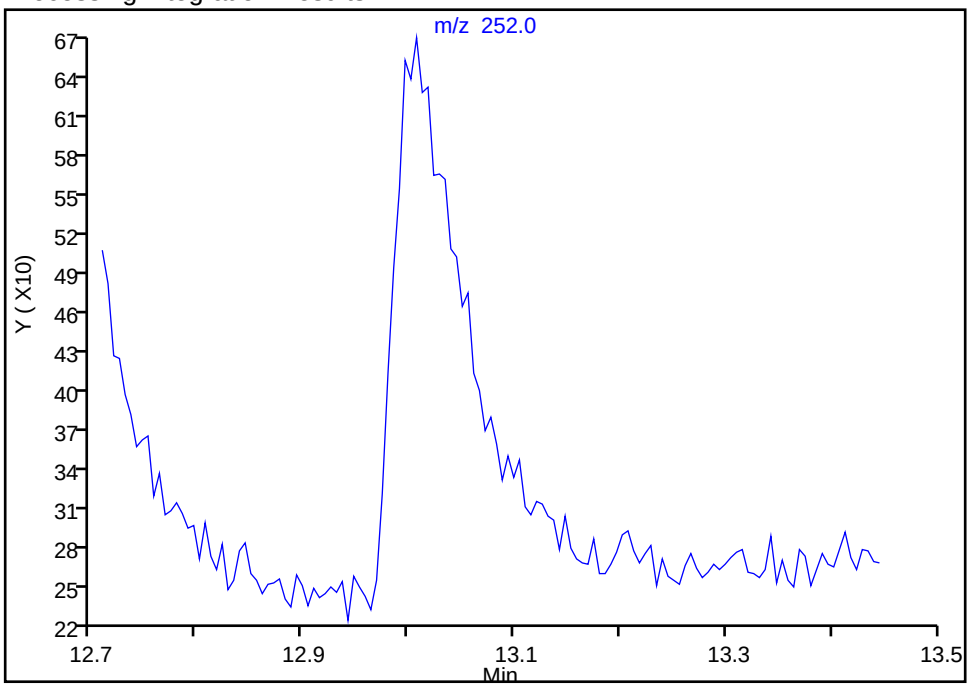
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

27 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

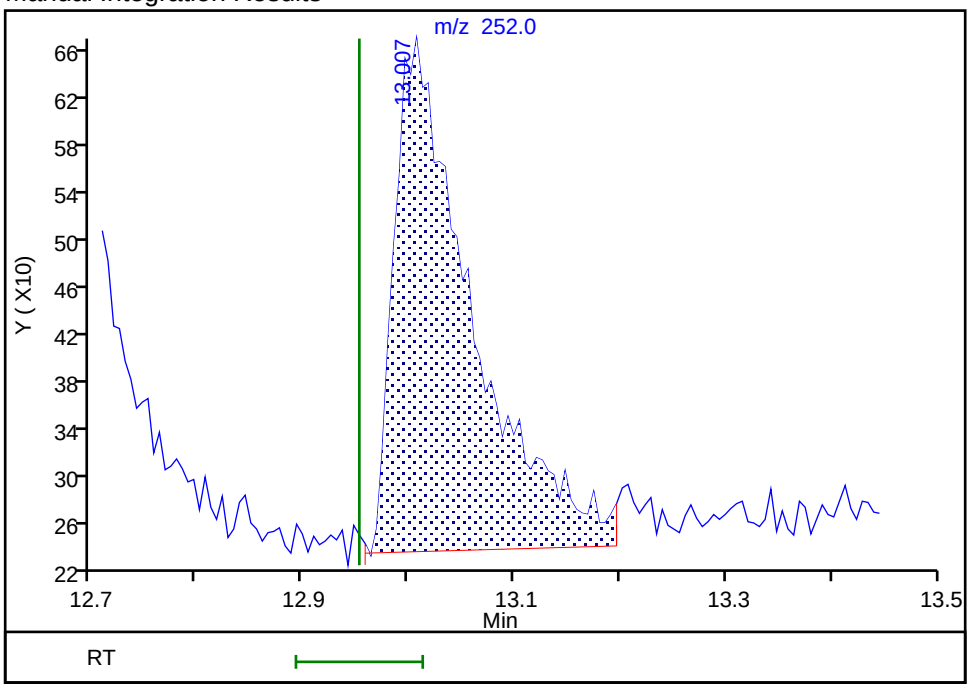
Not Detected
Expected RT: 12.95

Processing Integration Results



Manual Integration Results

RT: 13.01
Area: 2164
Amount: 5.875196
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:46:26
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

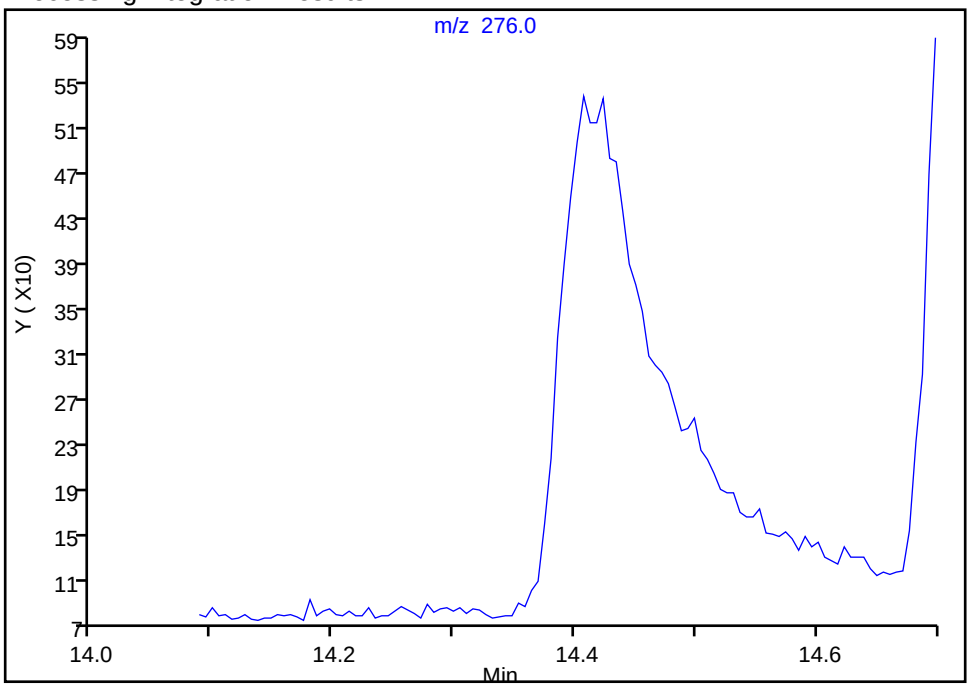
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

28 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

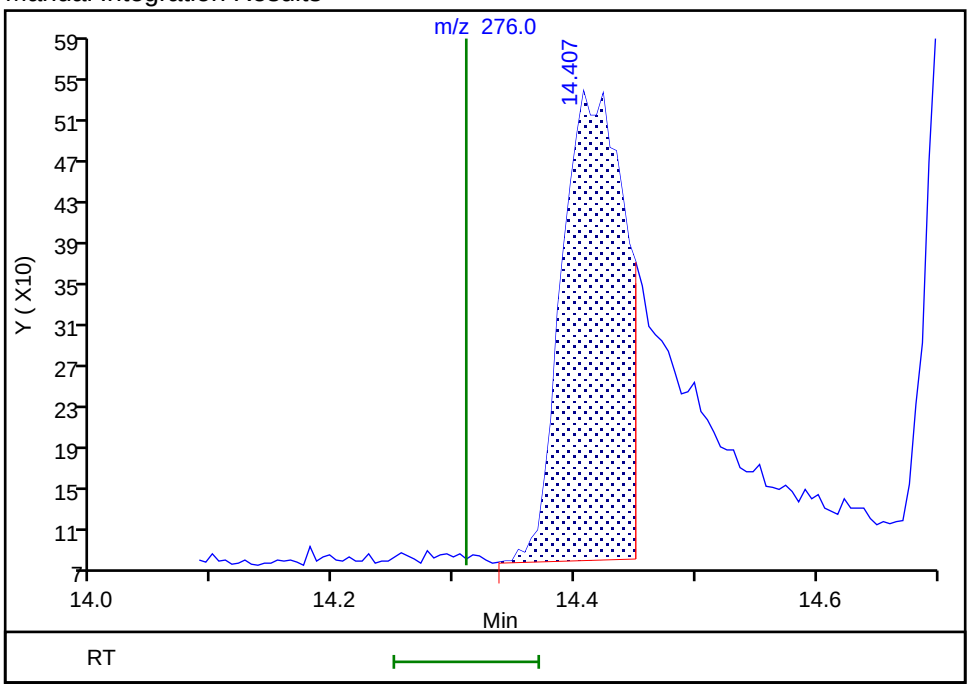
Not Detected
Expected RT: 14.31

Processing Integration Results



Manual Integration Results

RT: 14.41
Area: 1607
Amount: 5.335366
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:54:34
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

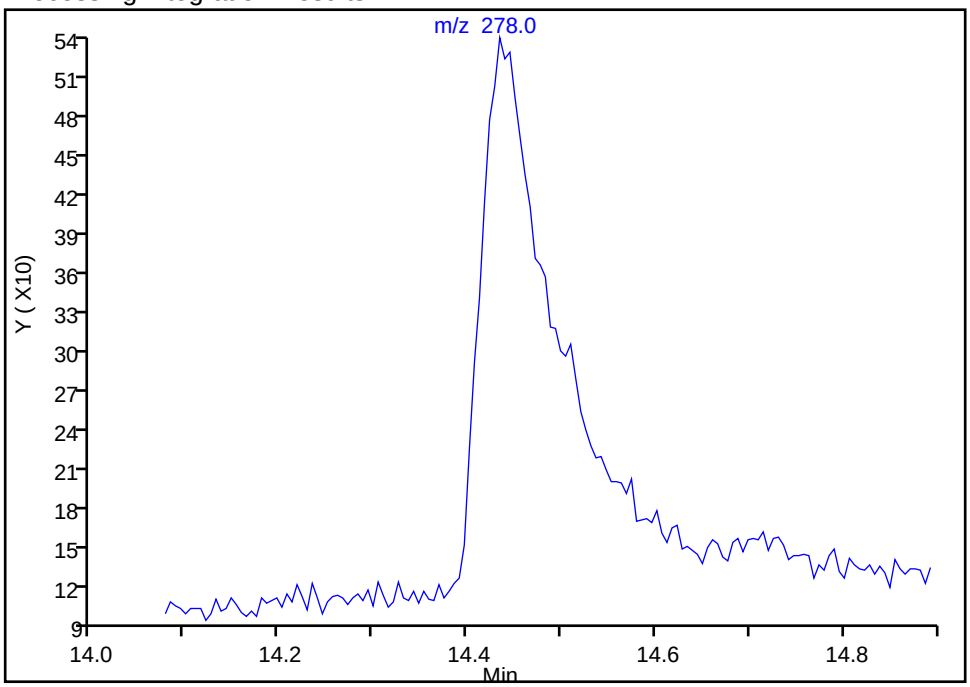
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

29 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

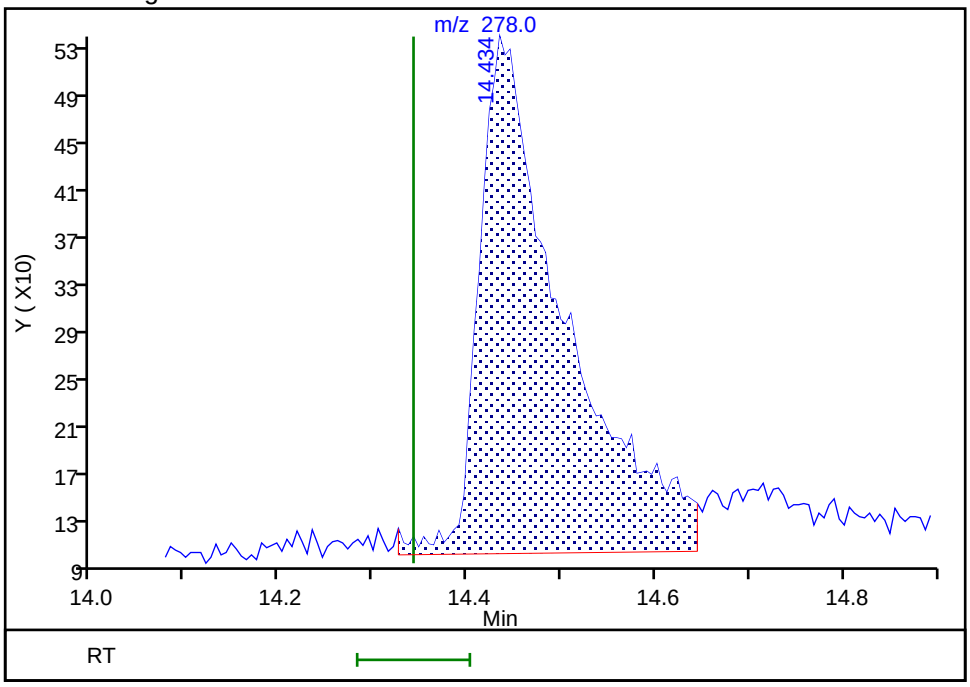
Not Detected
Expected RT: 14.34

Processing Integration Results



Manual Integration Results

RT: 14.43
Area: 2715
Amount: 5.120226
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:46:37
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

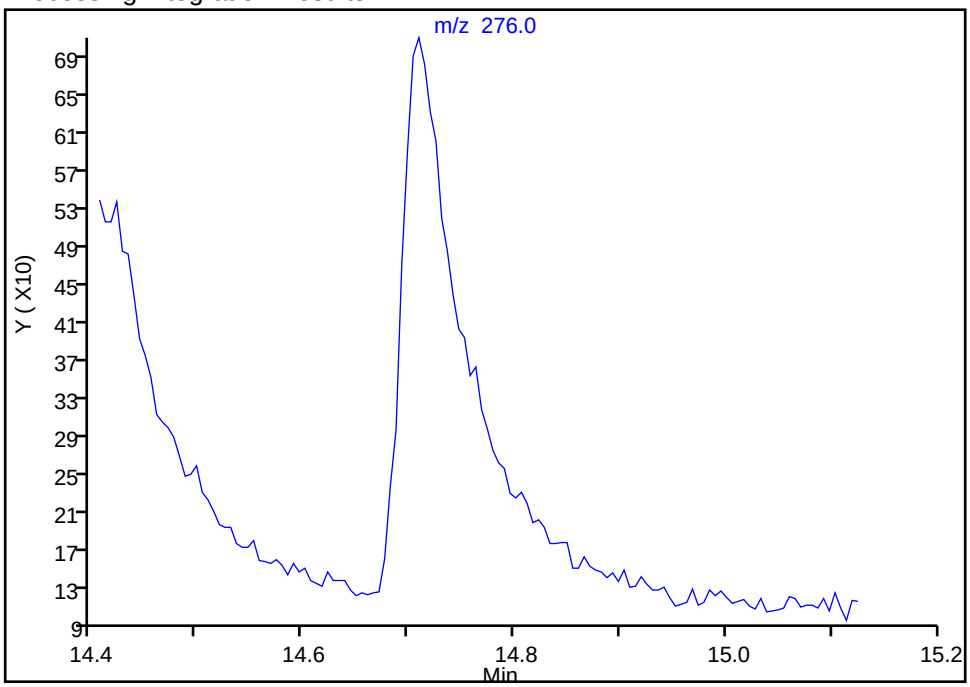
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a029.D
Injection Date: 05-Oct-2021 22:15:30 Instrument ID: SEA101
Lims ID: std3
Client ID:
Operator ID: TL ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

30 Benzo[g,h,i]perylene, CAS: 191-24-2

Signal: 1

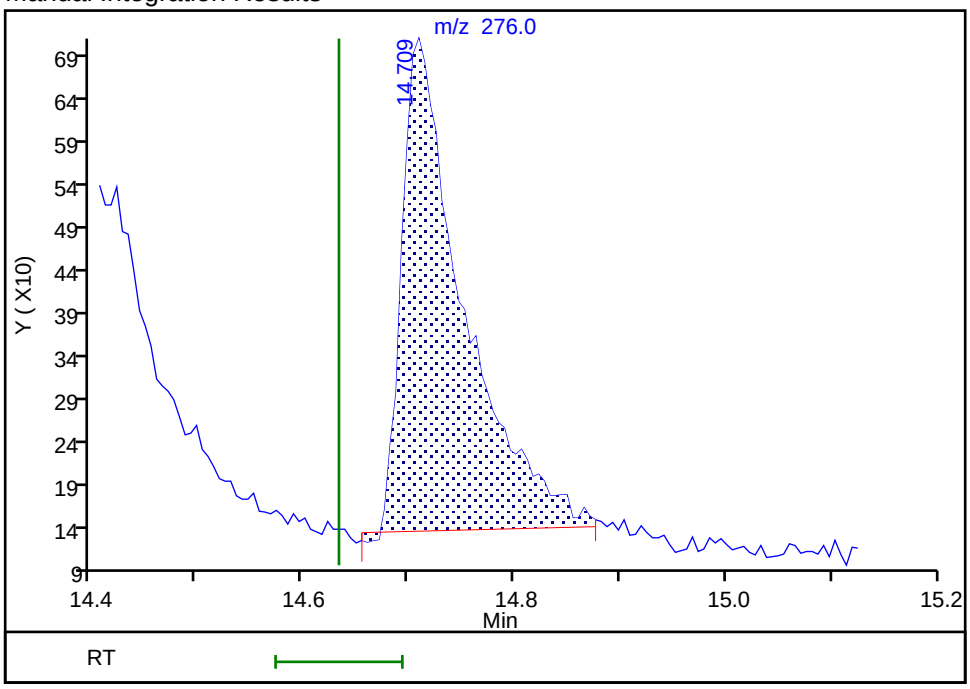
Not Detected
Expected RT: 14.63

Processing Integration Results



Manual Integration Results

RT: 14.71
Area: 2312
Amount: 5.215736
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:46:42
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins FGS, Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Lims ID: std2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 05-Oct-2021 22:40:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 2
Operator ID: TL Instrument ID: SEA101
Sublist: chrom-8270_SIM_SEA101*sub12

Method: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 22-Oct-2021 13:13:11 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: limmere Date: 06-Oct-2021 10:50:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.561	5.507	0.054	1	20584	100.0	100.0	
* 2 Naphthalene-d8	136	6.666	6.636	0.030	1	50466	100.0	100.0	
* 3 Acenaphthene-d10	164	8.122	8.097	0.025	1	24090	100.0	100.0	
* 4 Phenanthrene-d10	188	9.351	9.312	0.039	1	36297	100.0	100.0	
* 5 Chrysene-d12	240	11.534	11.501	0.033	1	24741	100.0	100.0	
* 6 Perylene-d12	264	13.039	13.023	0.016	1	25495	100.0	100.0	
$ 7 2-methylnaphthalene-d10	152	7.350	7.217	0.133	59	648	2.00	2.18	M
$ 8 2-Fluorobiphenyl	172	7.656	7.554	0.102	1	640	2.00	1.92	M
$ 9 2,4,6-Tribromophenol	330	8.858	8.750	0.108	1	97	2.00	7.21	M
$ 10 Fluoranthene-d10 (Surr)	212	10.348	10.290	0.058	100	830	2.00	2.07	M
$ 11 Terphenyl-d14	244	10.674	10.629	0.045	1	658	2.00	2.40	M
12 Naphthalene	128	6.681	6.656	0.025	1	2218	2.00	1.79	M
13 2-Methylnaphthalene	142	7.386	7.243	0.143	1	622	2.00	1.99	M
14 1-Methylnaphthalene	142	7.406	7.319	0.087	1	1344	2.00	3.76	M
15 Acenaphthylene	152	8.023	7.983	0.040	1	1499	2.00	3.26	M
16 Acenaphthene	153	8.147	8.122	0.025	3	1598	2.00	4.92	M
17 Fluorene	166	8.620	8.549	0.071	1	1408	2.00	4.24	M
19 Phenanthrene	178	9.378	9.329	0.049	1	1487	2.00	3.63	M
20 Anthracene	178	9.461	9.373	0.088	1	2695	2.00	2.41	M
21 Fluoranthene	202	10.362	10.303	0.059	1	1823	2.00	3.97	M
22 Pyrene	202	10.538	10.488	0.050	21	1956	2.00	4.04	M
23 Benzo[a]anthracene	228	11.539	11.491	0.048	1	397	2.00	2.71	M
24 Chrysene	228	11.555	11.523	0.032	1	2321	2.00	2.95	M
25 Benzo[b]fluoranthene	252	12.628	12.580	0.048	1	566	2.00	3.83	M
26 Benzo[k]fluoranthene	252	12.666	12.612	0.054	1	1862	2.00	1.59	M
27 Benzo[a]pyrene	252	13.007	12.953	0.054	1	1190	2.00	3.49	M
28 Indeno[1,2,3-cd]pyrene	276	14.434	14.310	0.124	1	649	2.00	2.33	M
29 Dibenz(a,h)anthracene	278	14.461	14.342	0.119	1	976	2.00	0.6753	M
30 Benzo[g,h,i]perylene	276	14.725	14.634	0.091	6	1266	2.00	3.09	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8270SIM_IS_00069	Amount Added:	9.60	Units: uL
8270ccvl_50_00037	Amount Added:	40.00	Units: uL

Report Date: 22-Oct-2021 13:13:12 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins FGS, Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D

Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101

Lims ID: std2

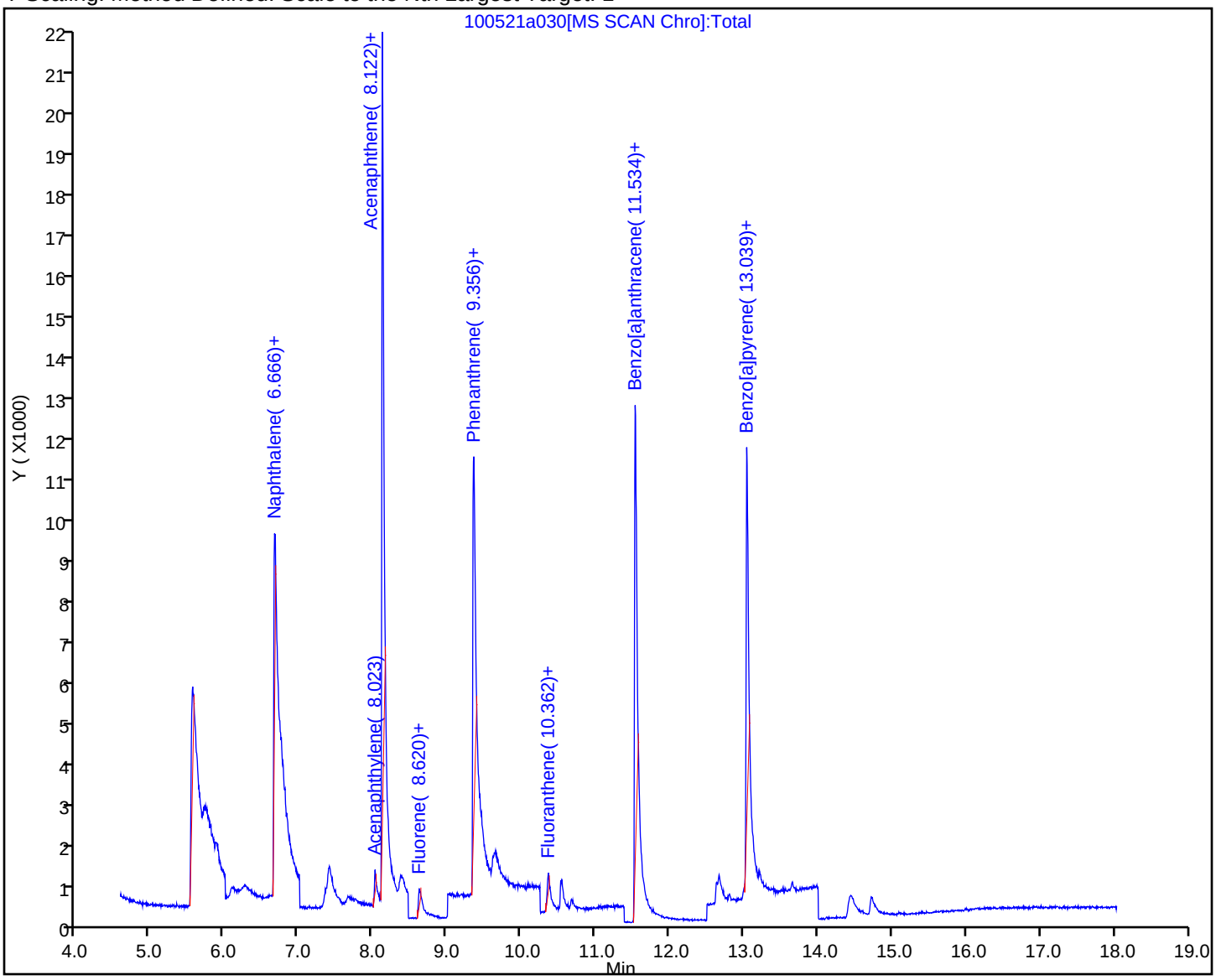
Client ID:

Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

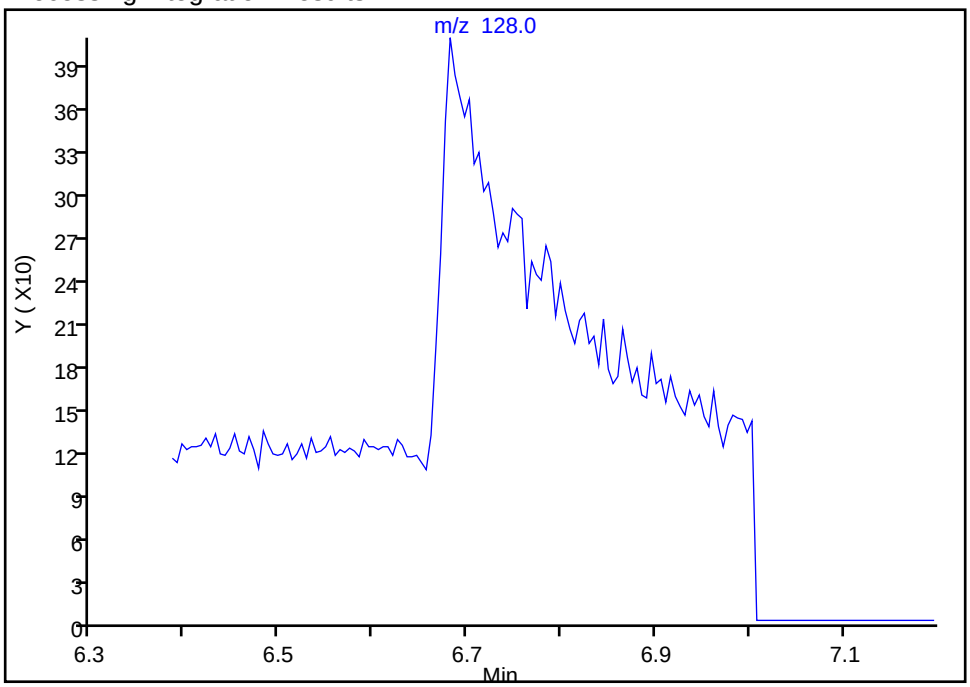
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

12 Naphthalene, CAS: 91-20-3

Signal: 1

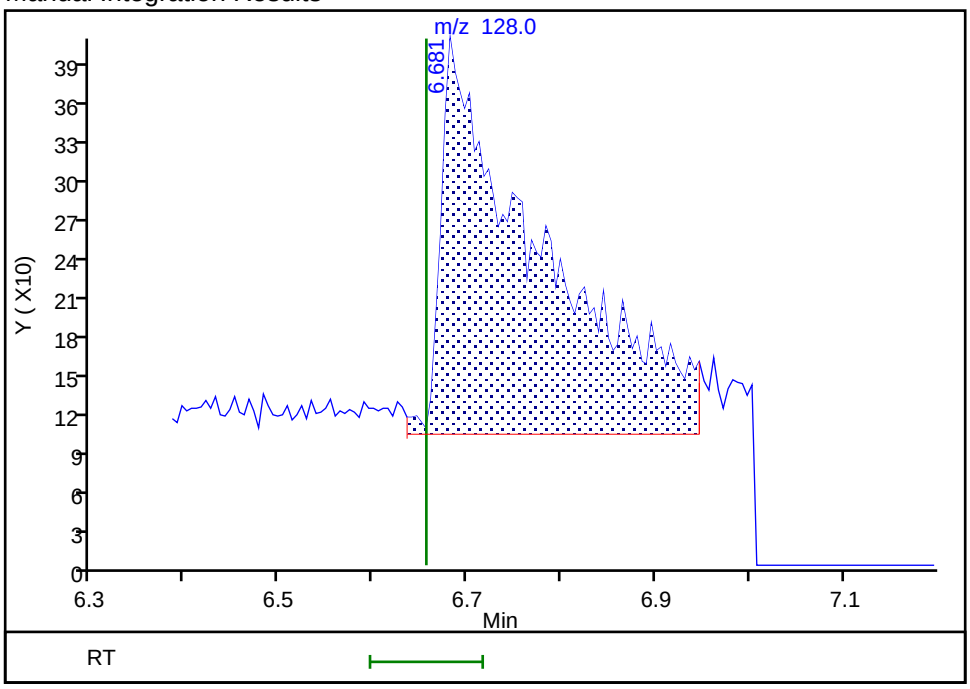
Not Detected
Expected RT: 6.66

Processing Integration Results



Manual Integration Results

RT: 6.68
Area: 2218
Amount: 1.788025
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:47:59
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

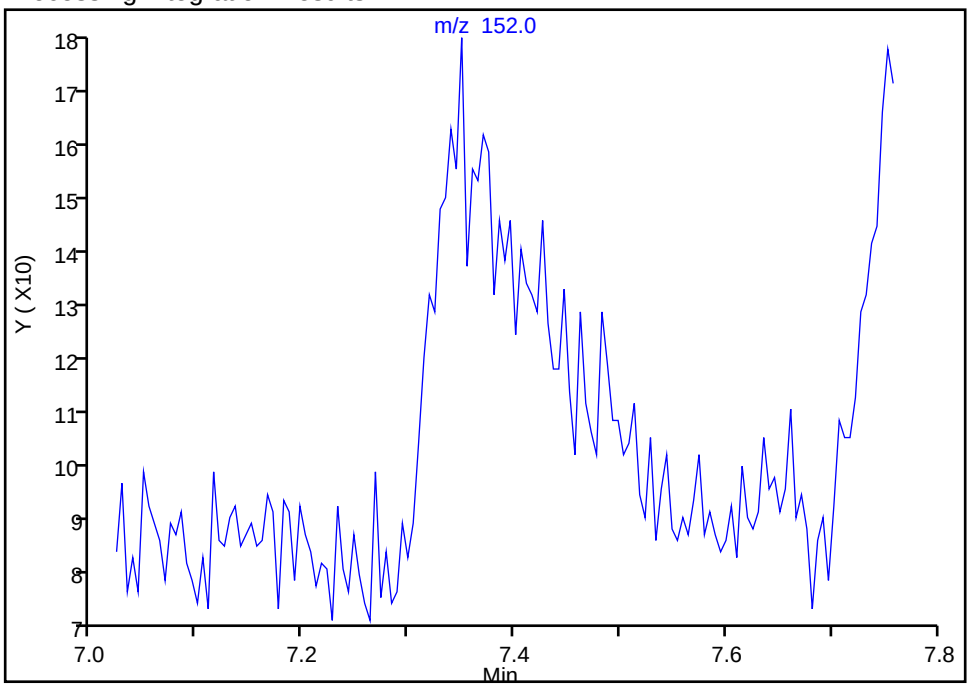
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 7 2-methylnaphthalene-d10, CAS: 7297-45-2

Signal: 1

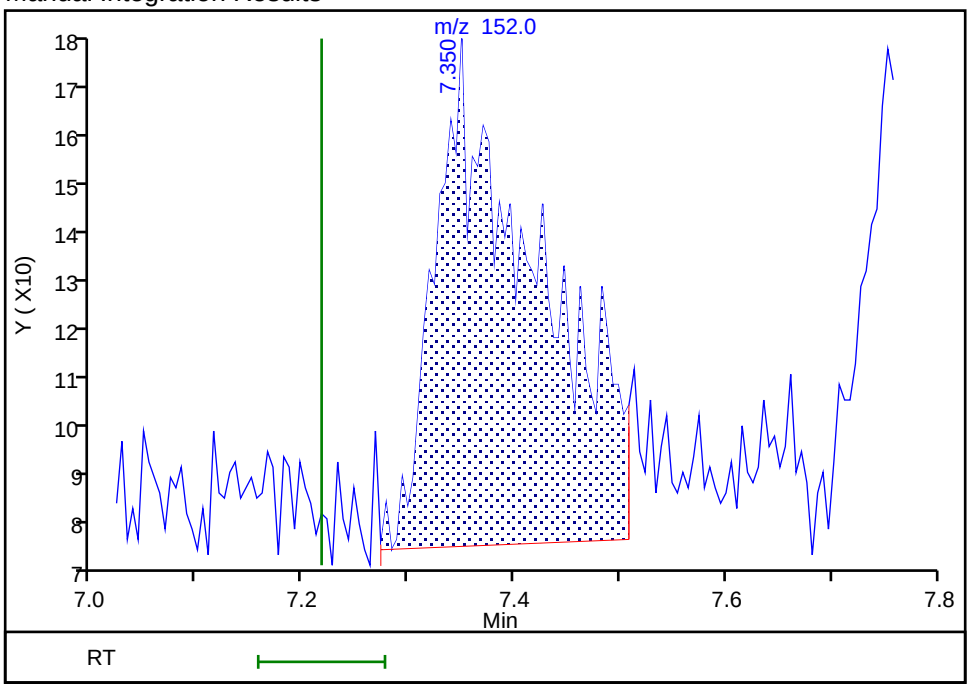
Not Detected
Expected RT: 7.22

Processing Integration Results



Manual Integration Results

RT: 7.35
Area: 648
Amount: 2.180134
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:47:19
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

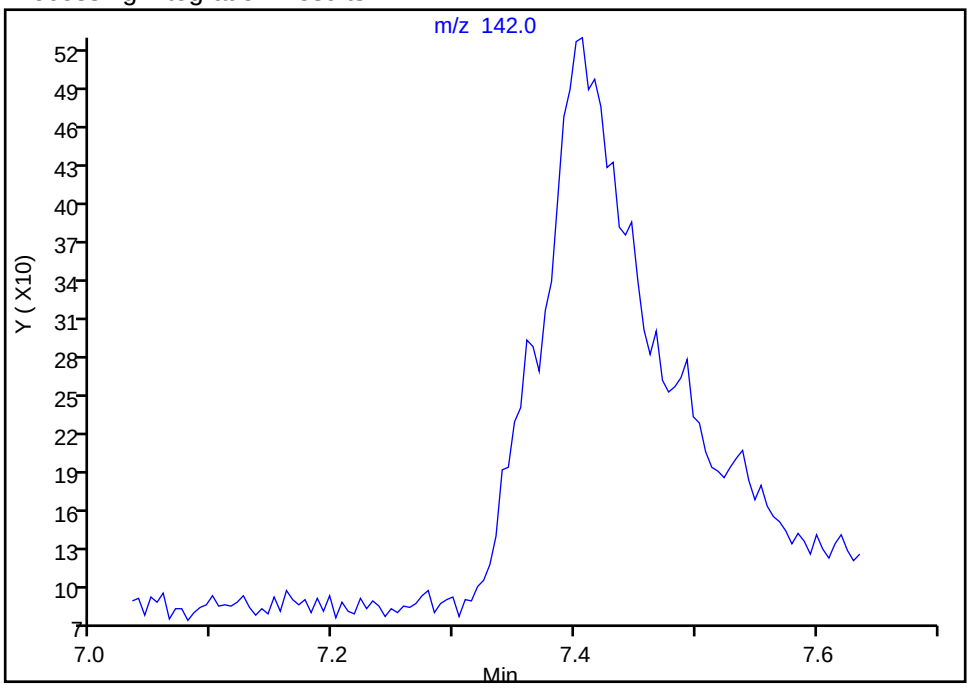
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

13 2-Methylnaphthalene, CAS: 91-57-6

Signal: 1

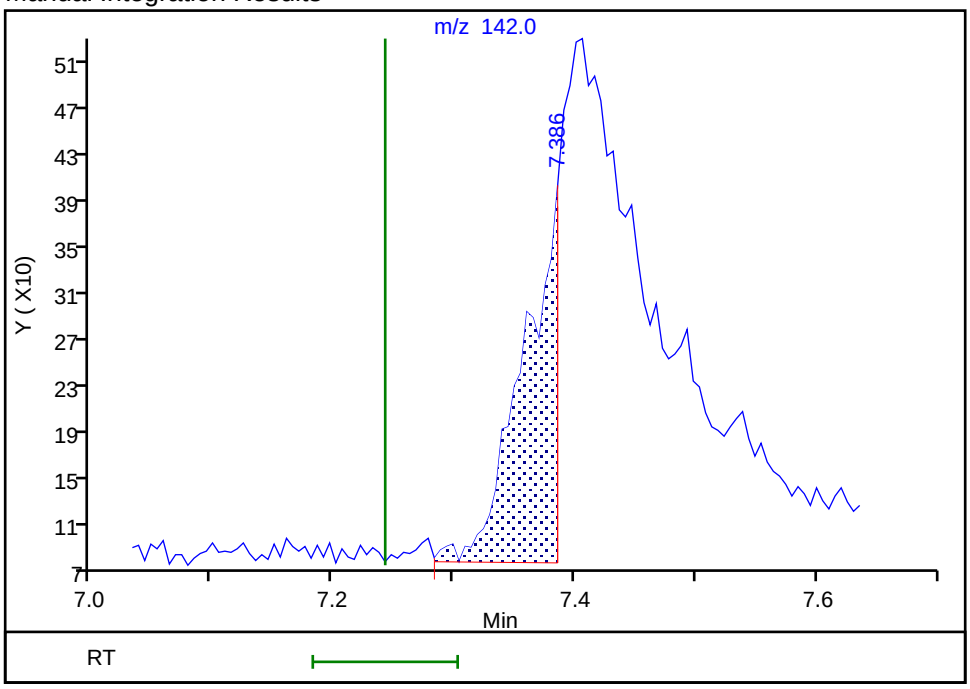
Not Detected
Expected RT: 7.24

Processing Integration Results



Manual Integration Results

RT: 7.39
Area: 622
Amount: 1.988759
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:24:14
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

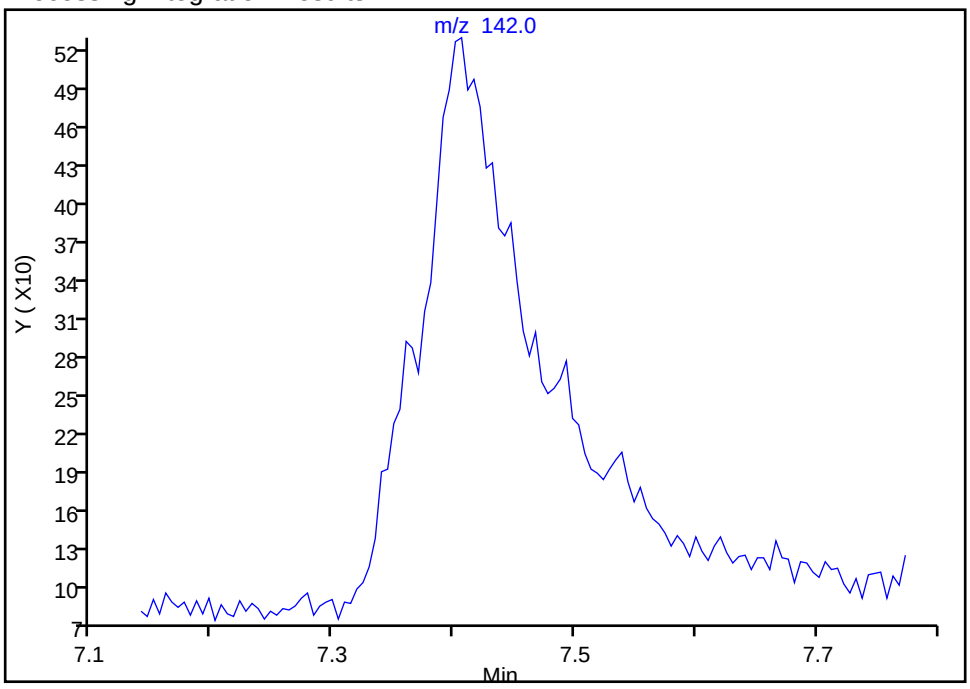
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

14 1-Methylnaphthalene, CAS: 90-12-0

Signal: 1

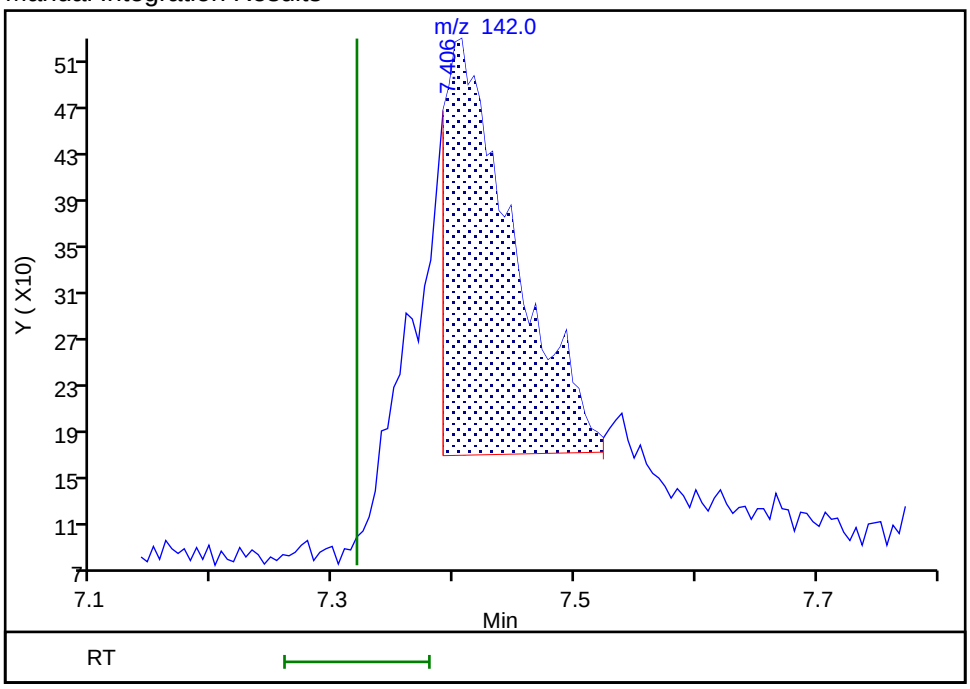
Not Detected
Expected RT: 7.32

Processing Integration Results



Manual Integration Results

RT: 7.41
Area: 1344
Amount: 3.764231
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:29:48
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

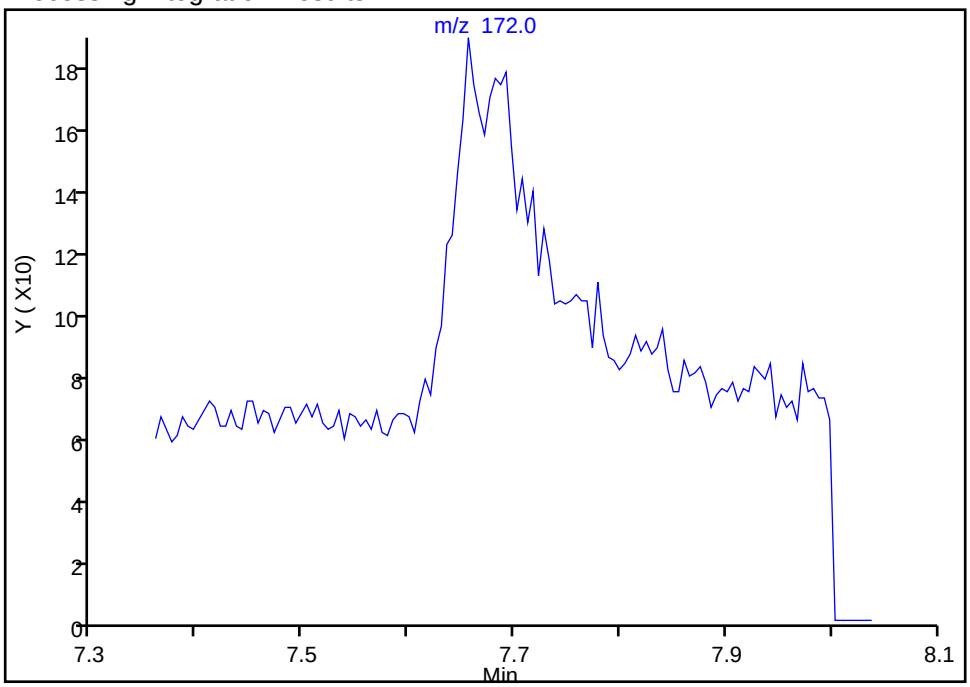
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 8 2-Fluorobiphenyl, CAS: 321-60-8

Signal: 1

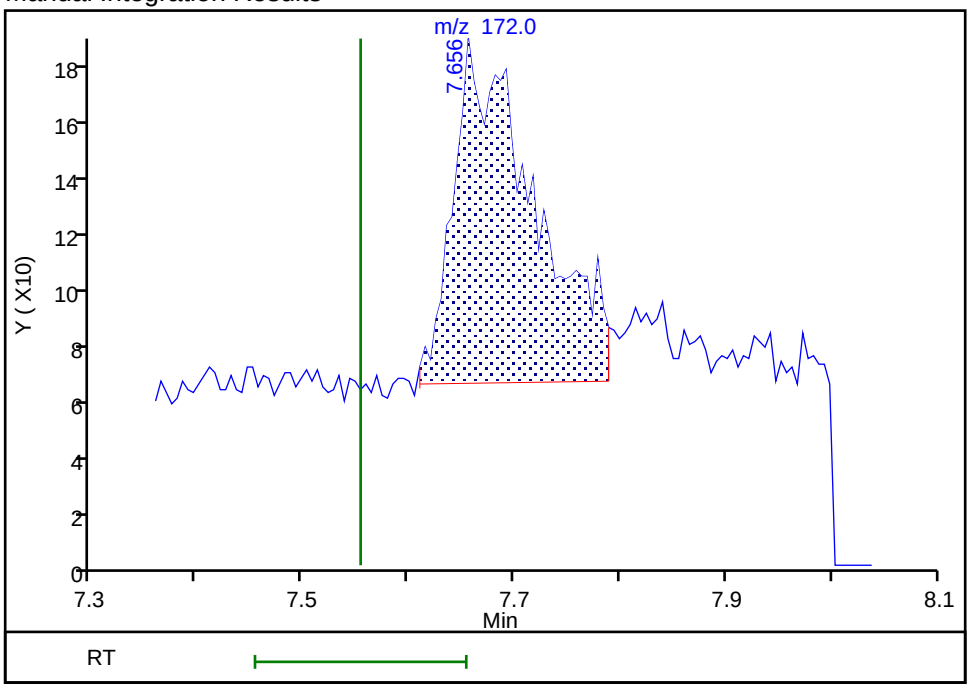
Not Detected
Expected RT: 7.55

Processing Integration Results



Manual Integration Results

RT: 7.66
Area: 640
Amount: 1.916099
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:47:23
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

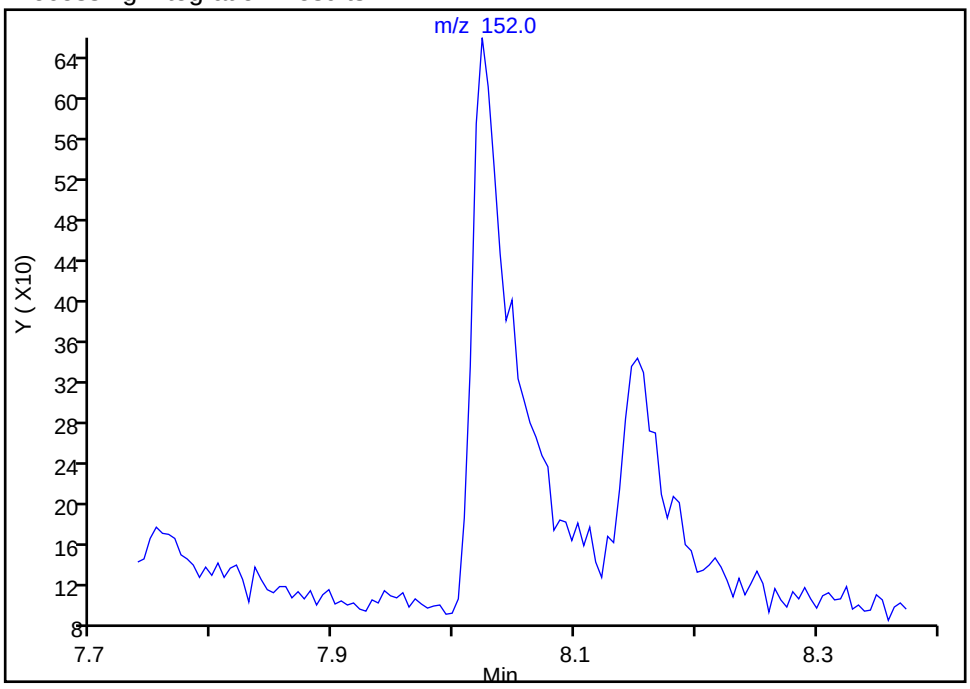
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

15 Acenaphthylene, CAS: 208-96-8

Signal: 1

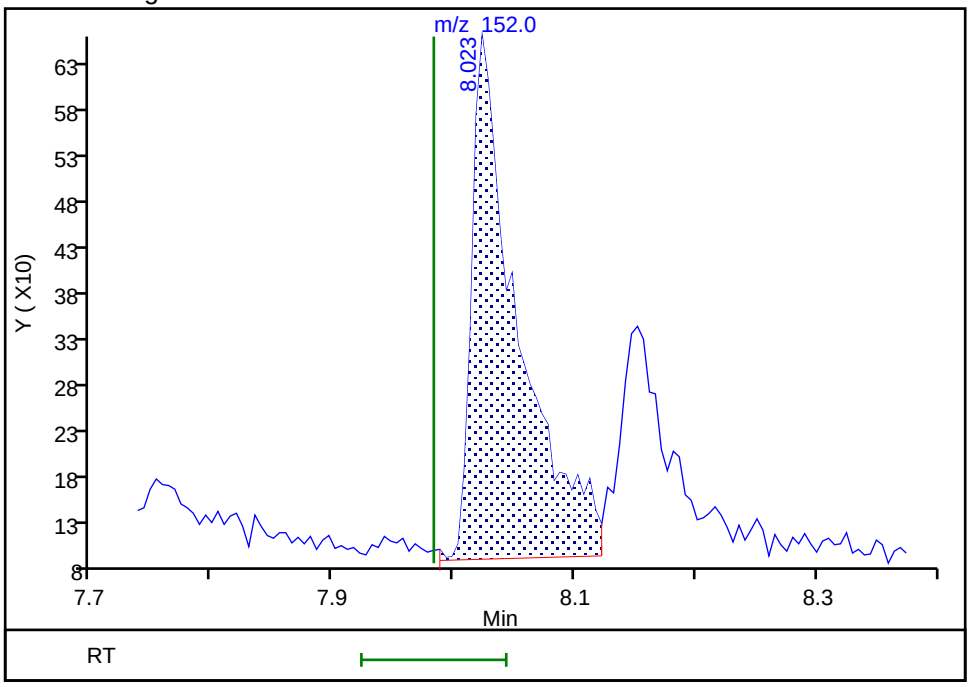
Not Detected
Expected RT: 7.98

Processing Integration Results



Manual Integration Results

RT: 8.02
Area: 1499
Amount: 3.259826
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:48:23
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

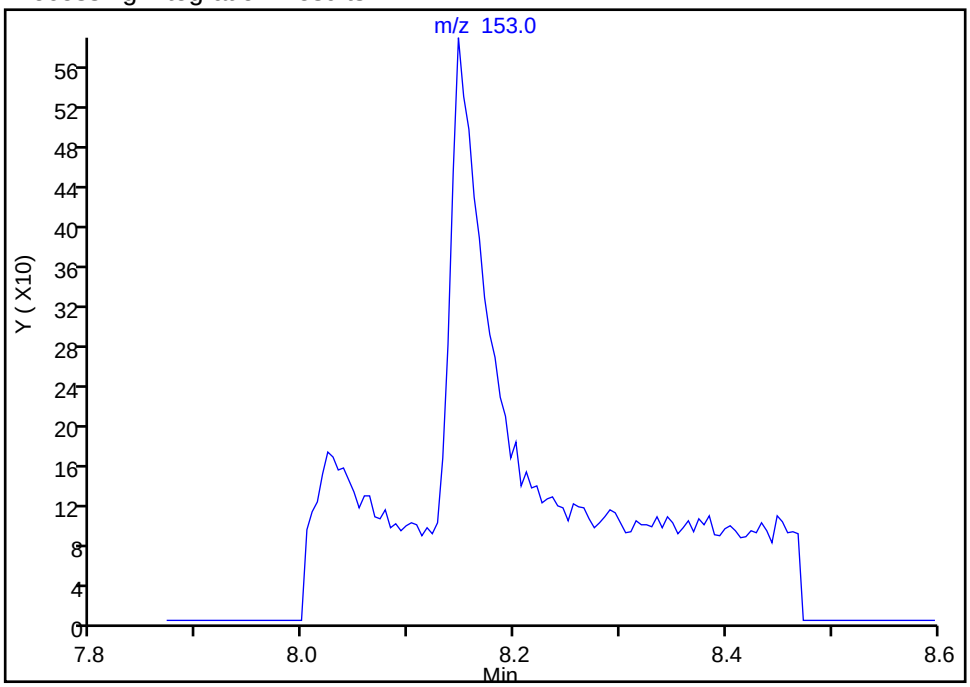
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

16 Acenaphthene, CAS: 83-32-9

Signal: 1

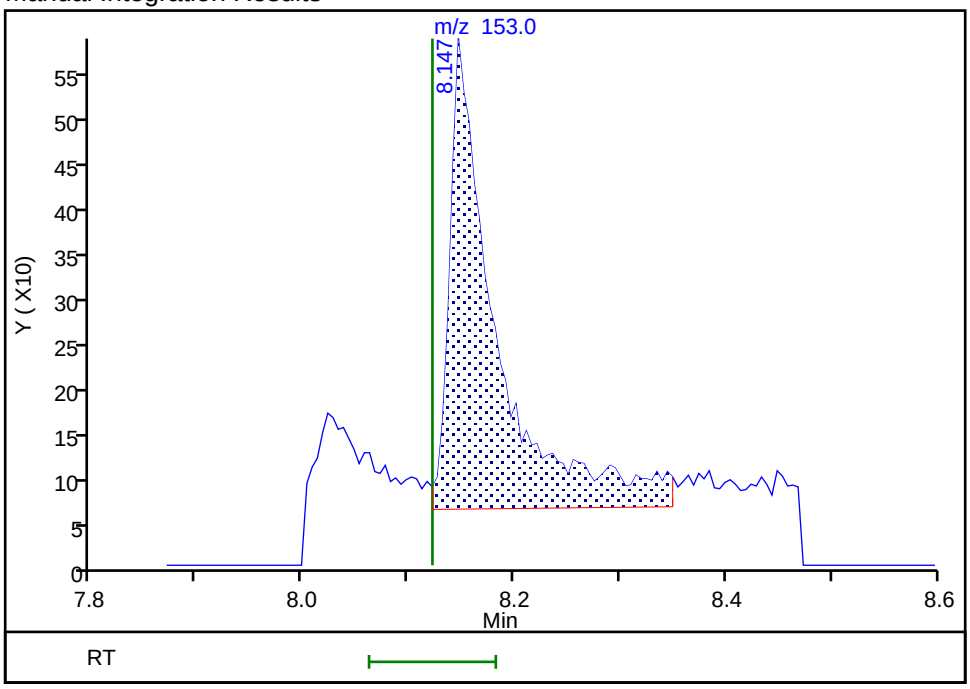
Not Detected
Expected RT: 8.12

Processing Integration Results



Manual Integration Results

RT: 8.15
Area: 1598
Amount: 4.915777
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:48:30
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

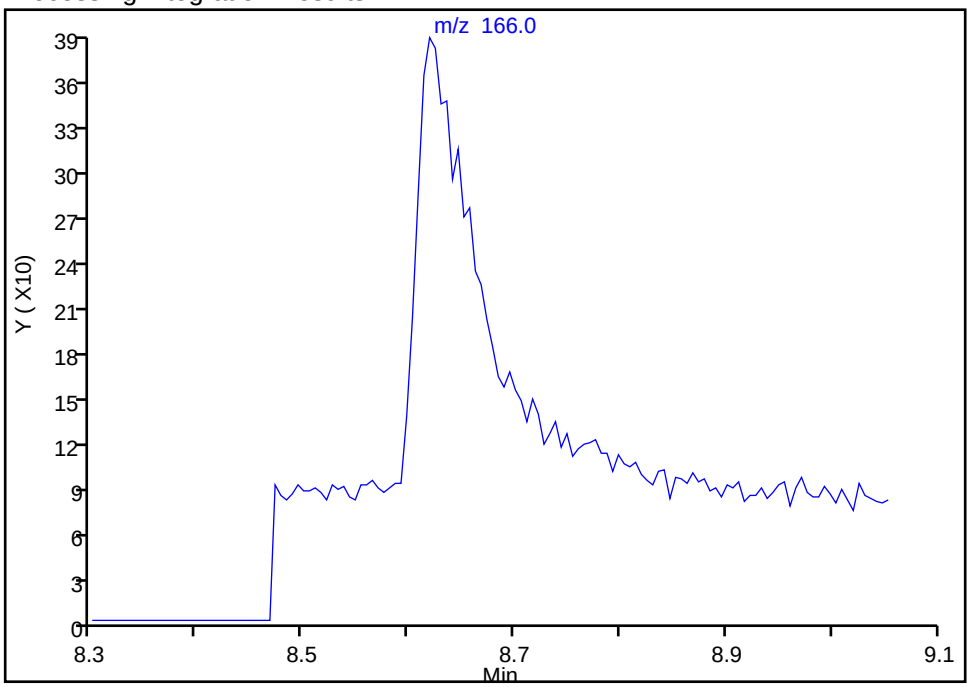
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

17 Fluorene, CAS: 86-73-7

Signal: 1

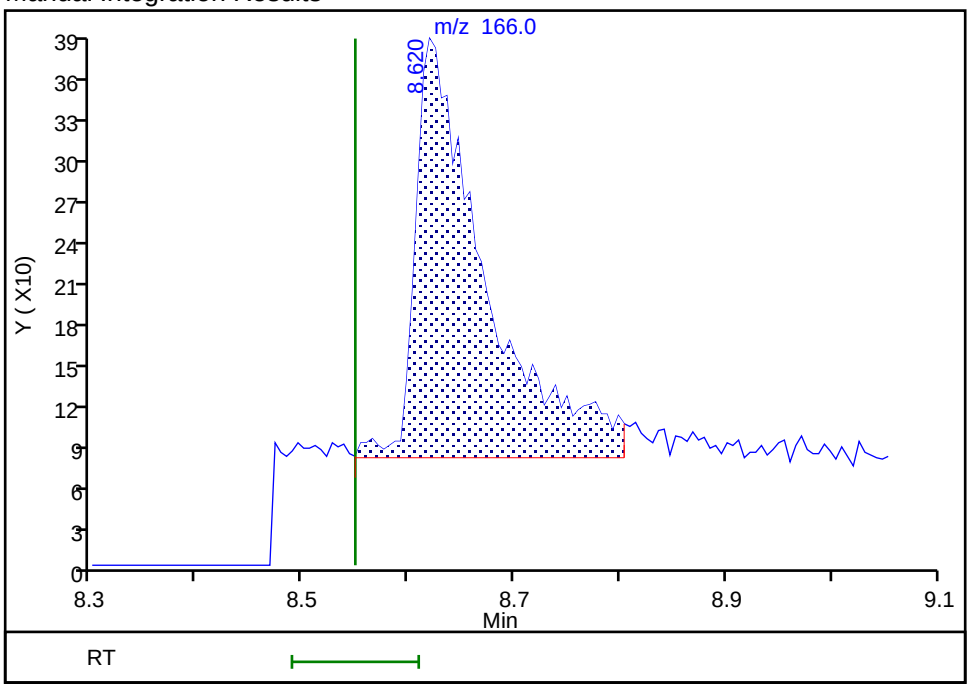
Not Detected
Expected RT: 8.55

Processing Integration Results



Manual Integration Results

RT: 8.62
Area: 1408
Amount: 4.244973
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:48:35
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

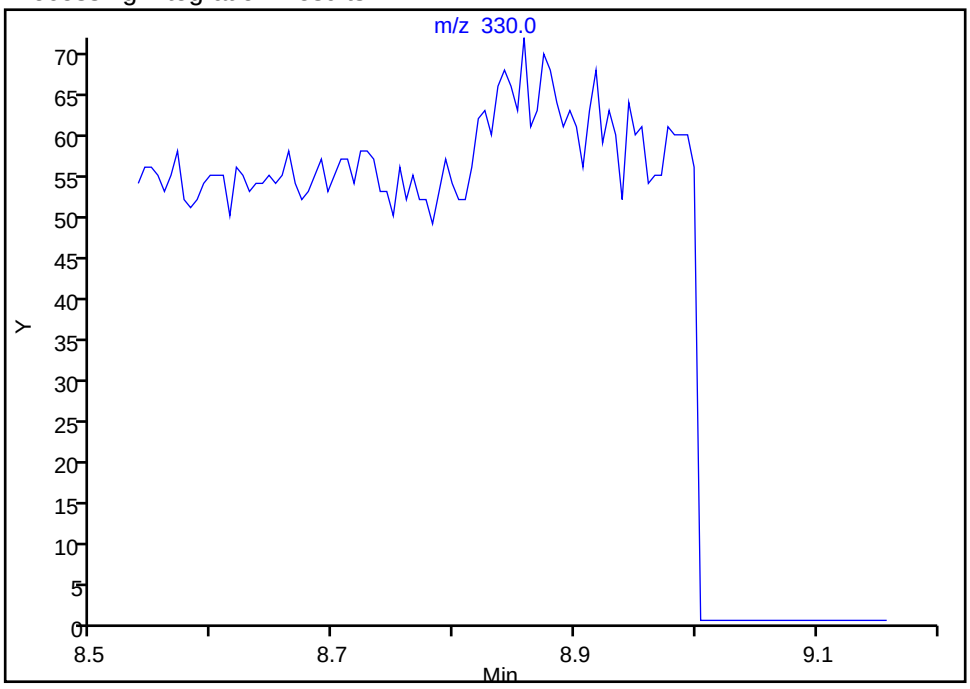
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 9 2,4,6-Tribromophenol, CAS: 118-79-6

Signal: 1

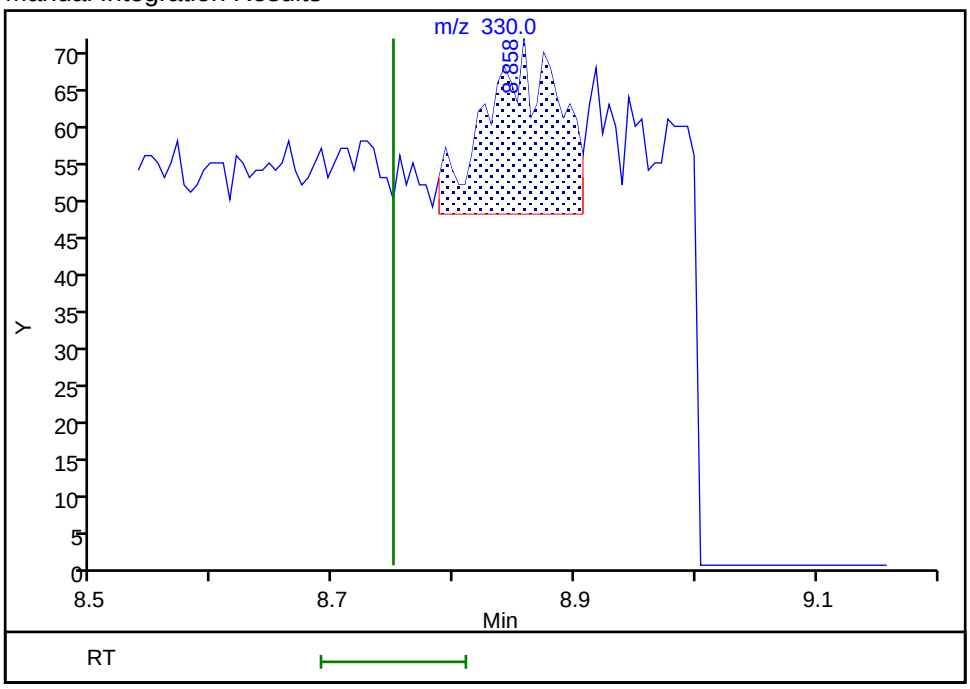
Not Detected
Expected RT: 8.75

Processing Integration Results



Manual Integration Results

RT: 8.86
Area: 97
Amount: 7.210270
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:47:42
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

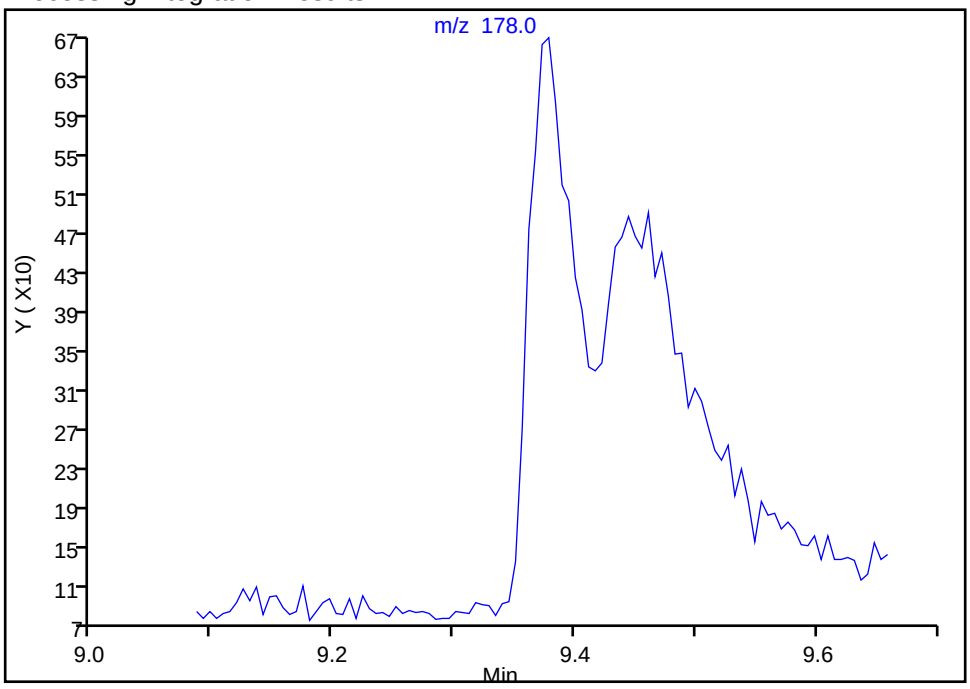
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

19 Phenanthrene, CAS: 85-01-8

Signal: 1

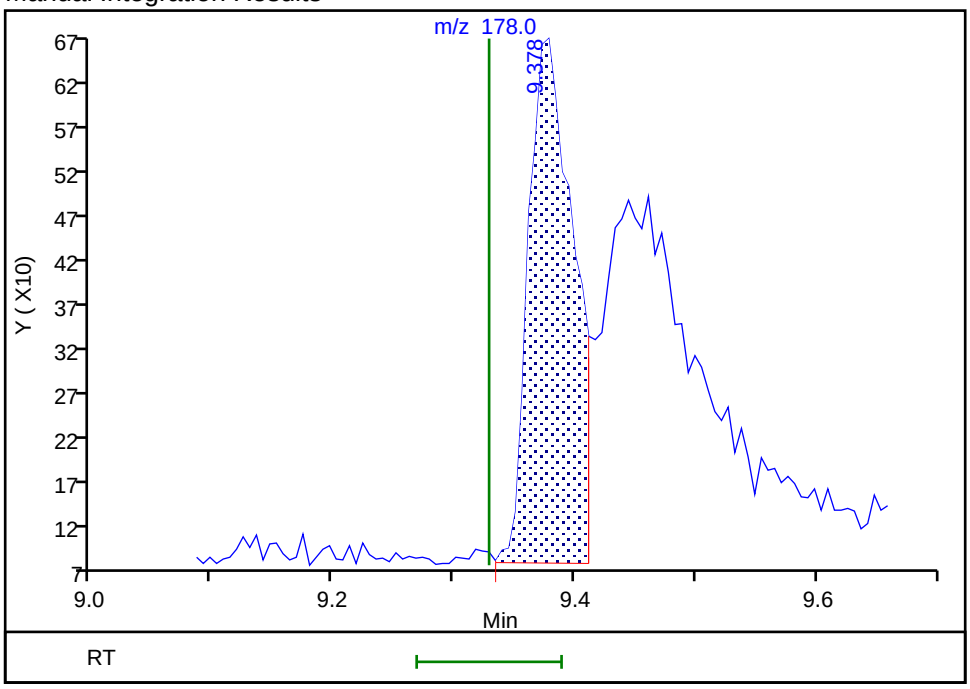
Not Detected
Expected RT: 9.33

Processing Integration Results



Manual Integration Results

RT: 9.38
Area: 1487
Amount: 3.627168
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:48:40
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

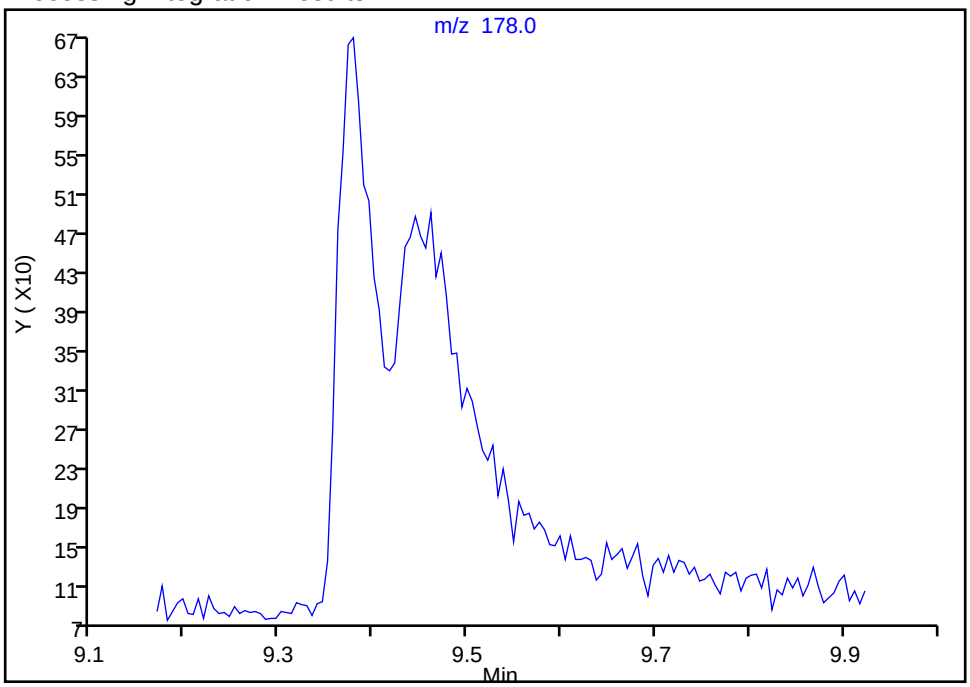
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

20 Anthracene, CAS: 120-12-7

Signal: 1

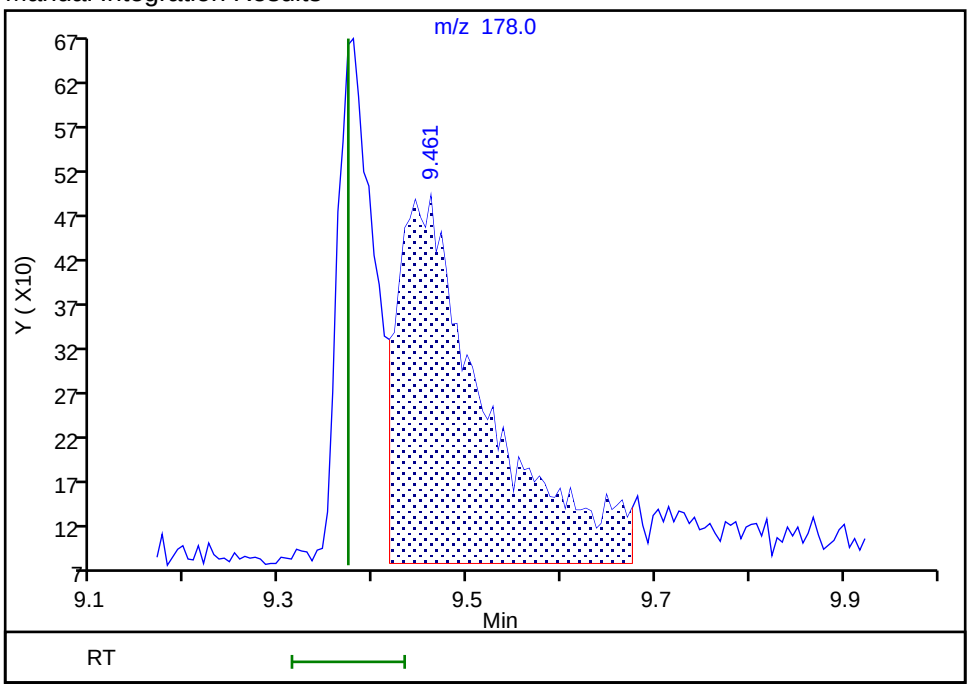
Not Detected
Expected RT: 9.37

Processing Integration Results



Manual Integration Results

RT: 9.46
Area: 2695
Amount: 2.408279
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:48:47
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

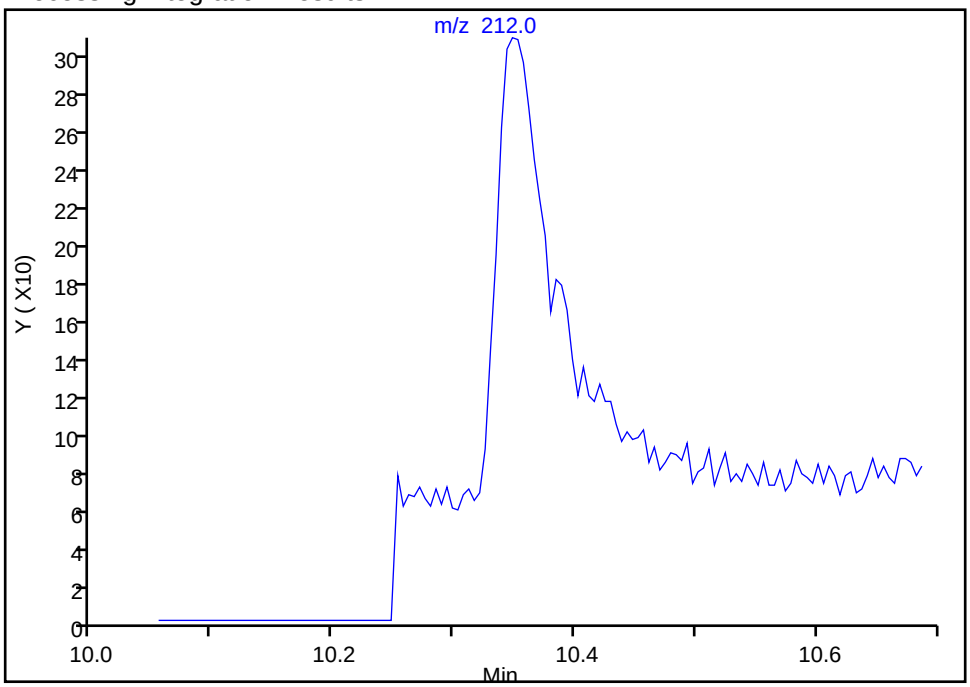
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 10 Fluoranthene-d10 (Surr), CAS: 93951-69-0

Signal: 1

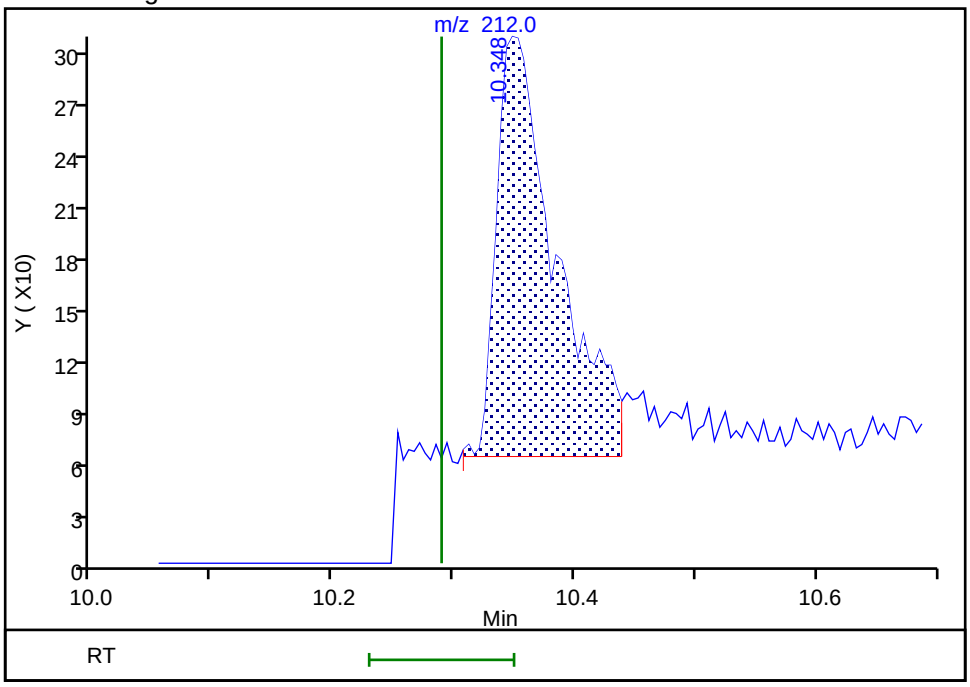
Not Detected
Expected RT: 10.29

Processing Integration Results



Manual Integration Results

RT: 10.35
Area: 830
Amount: 2.068474
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:47:48
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

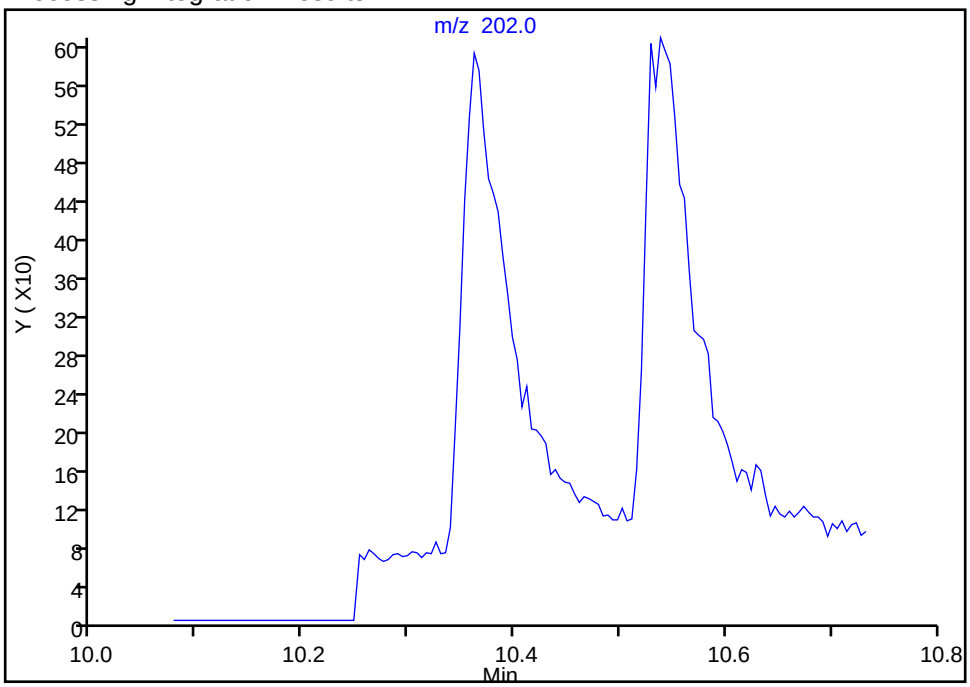
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

21 Fluoranthene, CAS: 206-44-0

Signal: 1

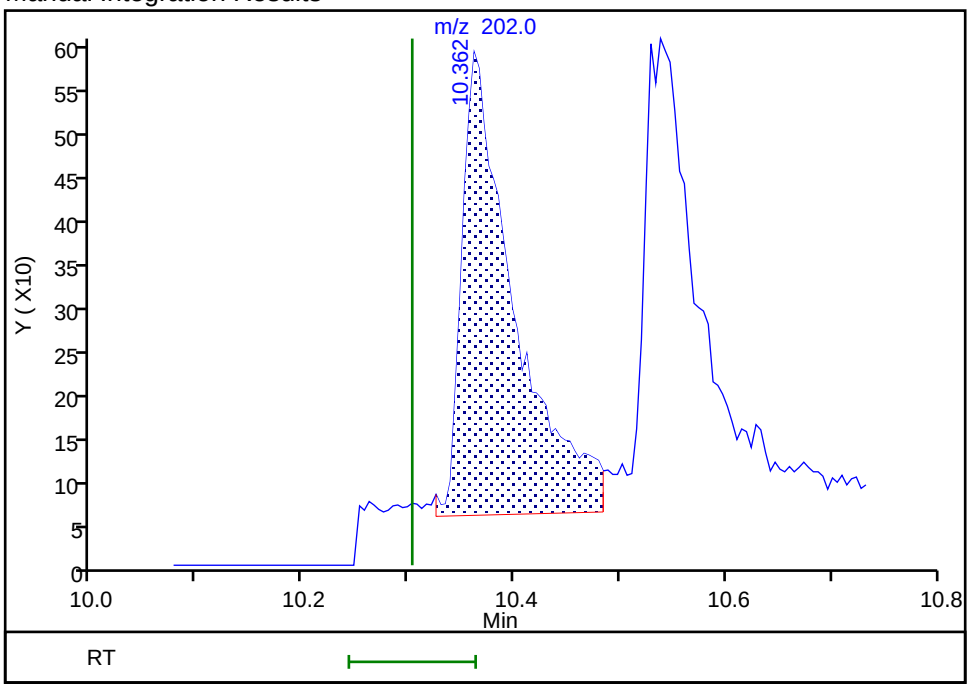
Not Detected
Expected RT: 10.30

Processing Integration Results



Manual Integration Results

RT: 10.36
Area: 1823
Amount: 3.970331
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:48:53
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

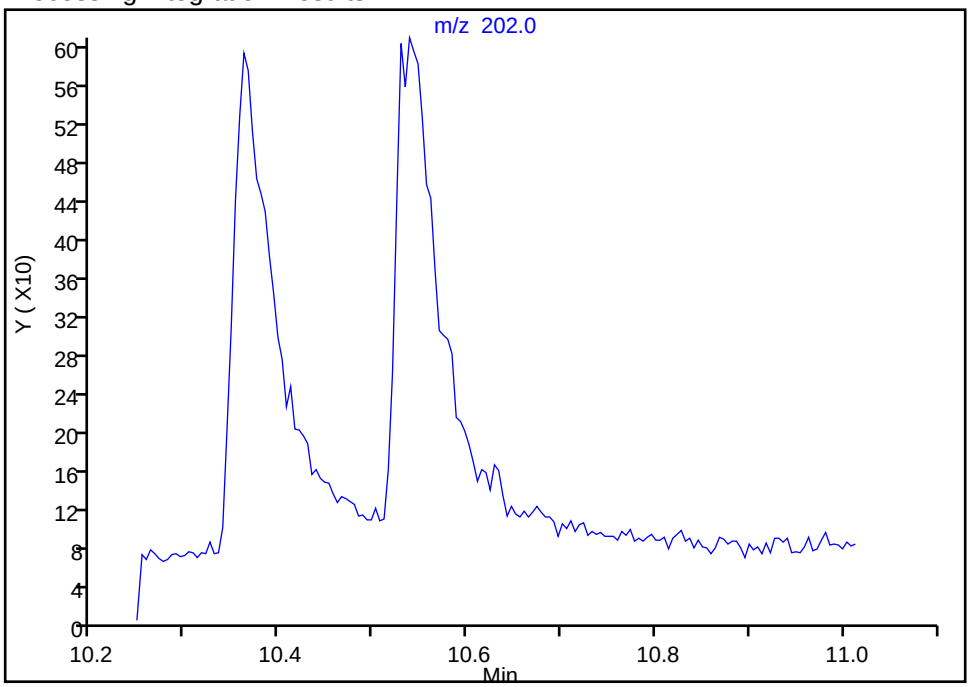
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

22 Pyrene, CAS: 129-00-0

Signal: 1

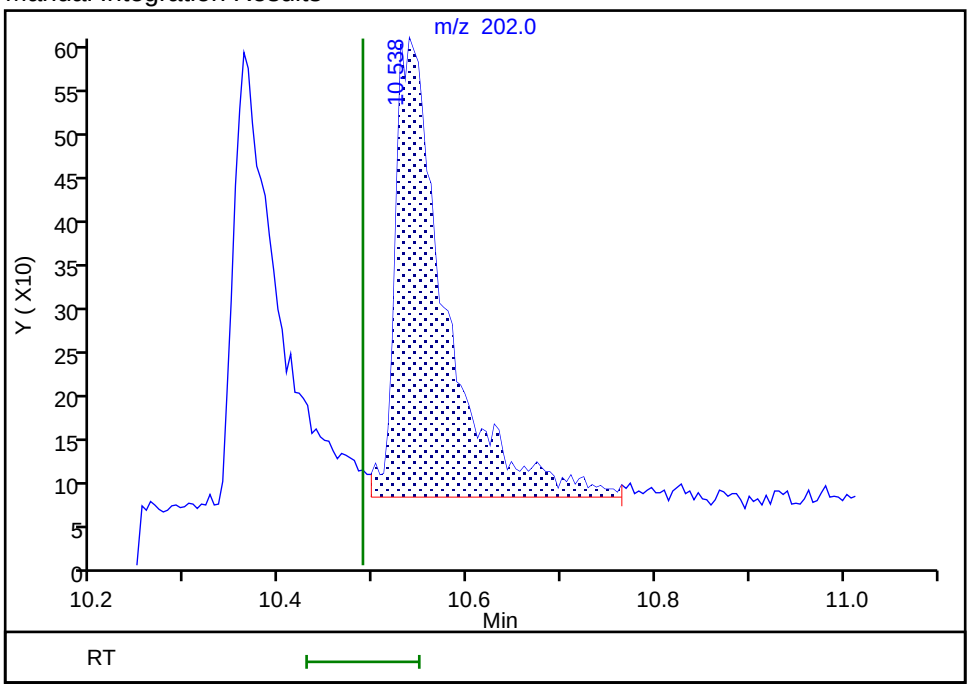
Not Detected
Expected RT: 10.49

Processing Integration Results



Manual Integration Results

RT: 10.54
Area: 1956
Amount: 4.041020
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:48:58
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

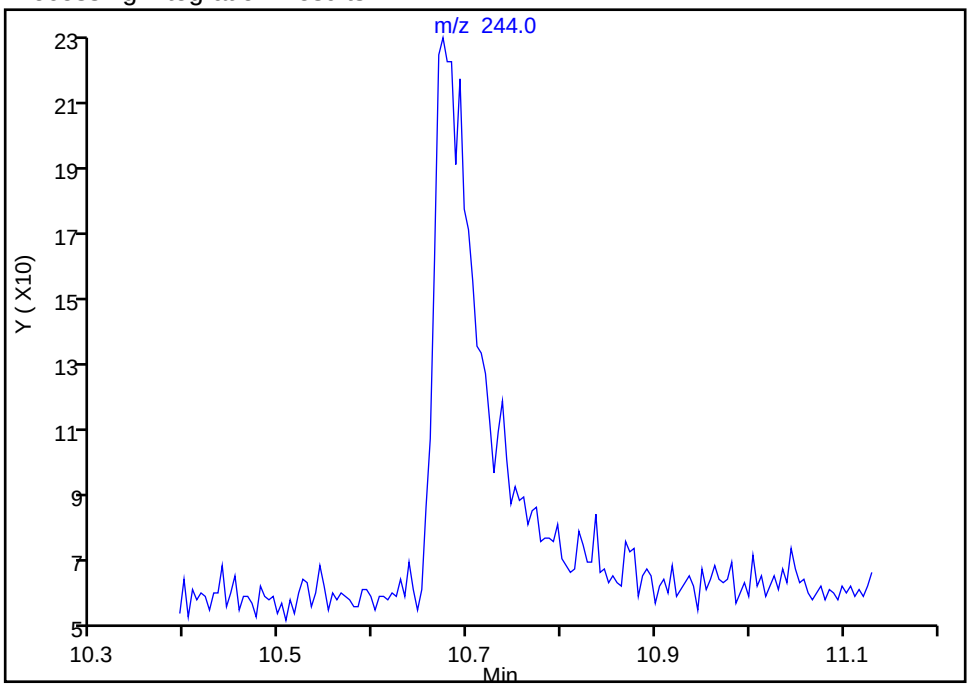
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 11 Terphenyl-d14, CAS: 1718-51-0

Signal: 1

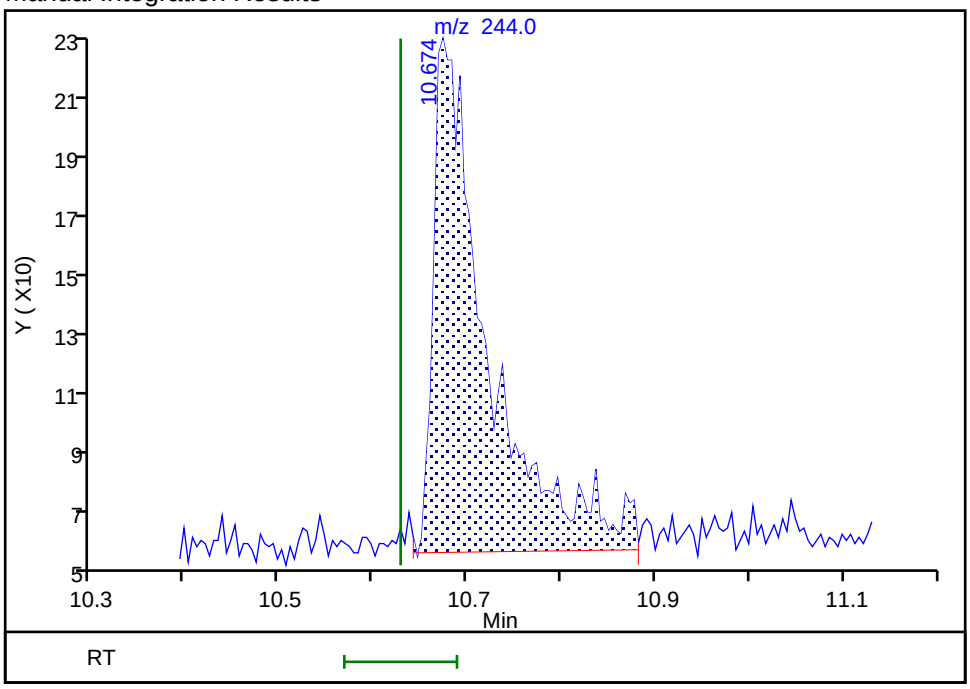
Not Detected
Expected RT: 10.63

Processing Integration Results



Manual Integration Results

RT: 10.67
Area: 658
Amount: 2.401269
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:47:53
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

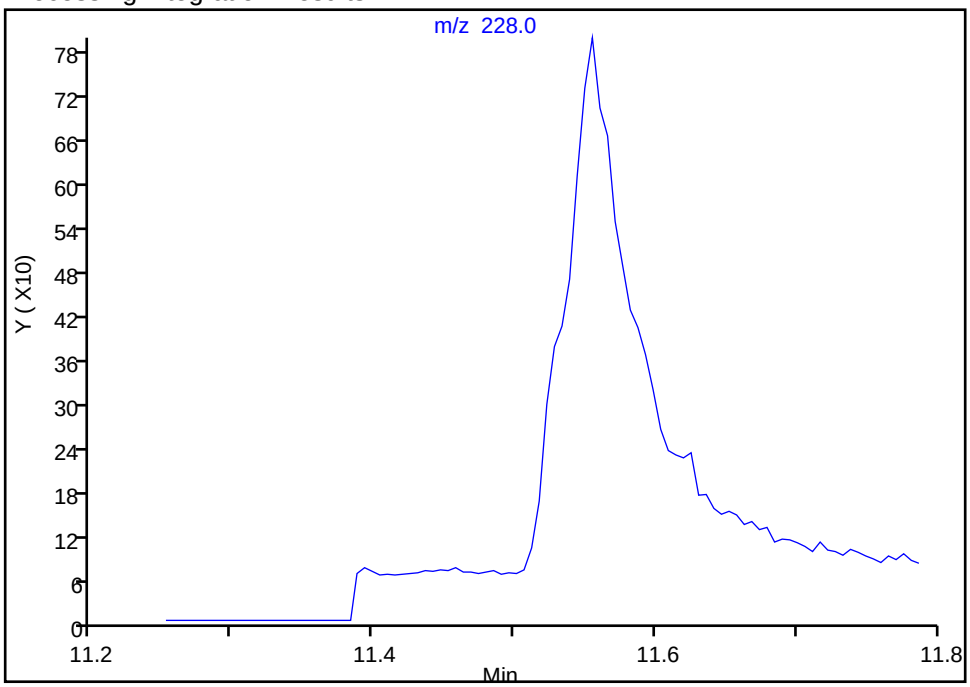
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D				
Injection Date:	05-Oct-2021 22:40:30	Instrument ID:	SEA101		
Lims ID:	std2				
Client ID:					
Operator ID:	TL	ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

23 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

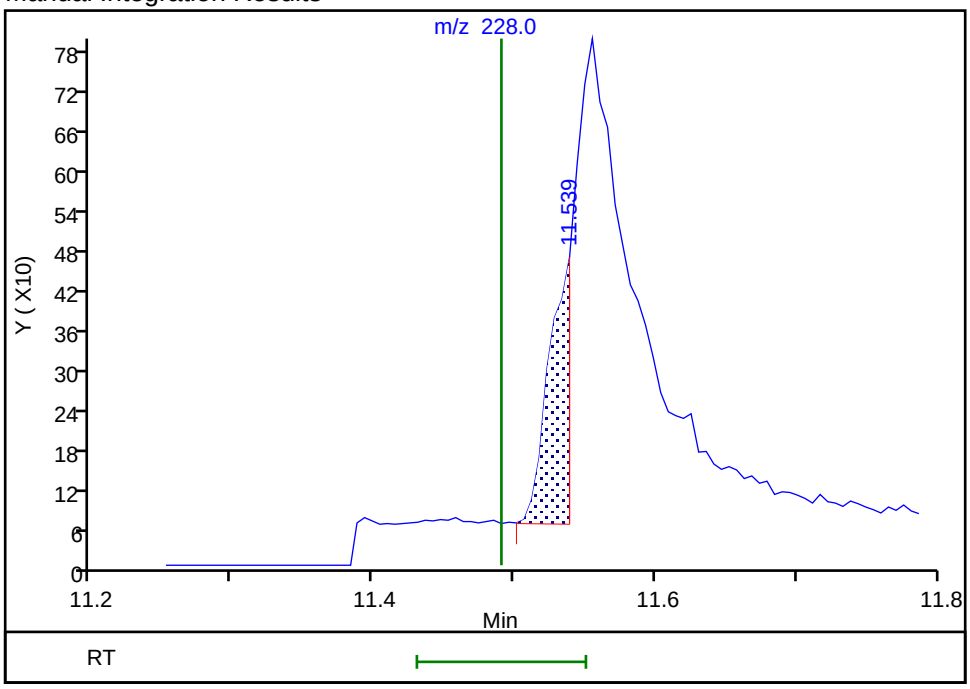
Not Detected
Expected RT: 11.49

Processing Integration Results



Manual Integration Results

RT: 11.54
Area: 397
Amount: 2.711484
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:49:10
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

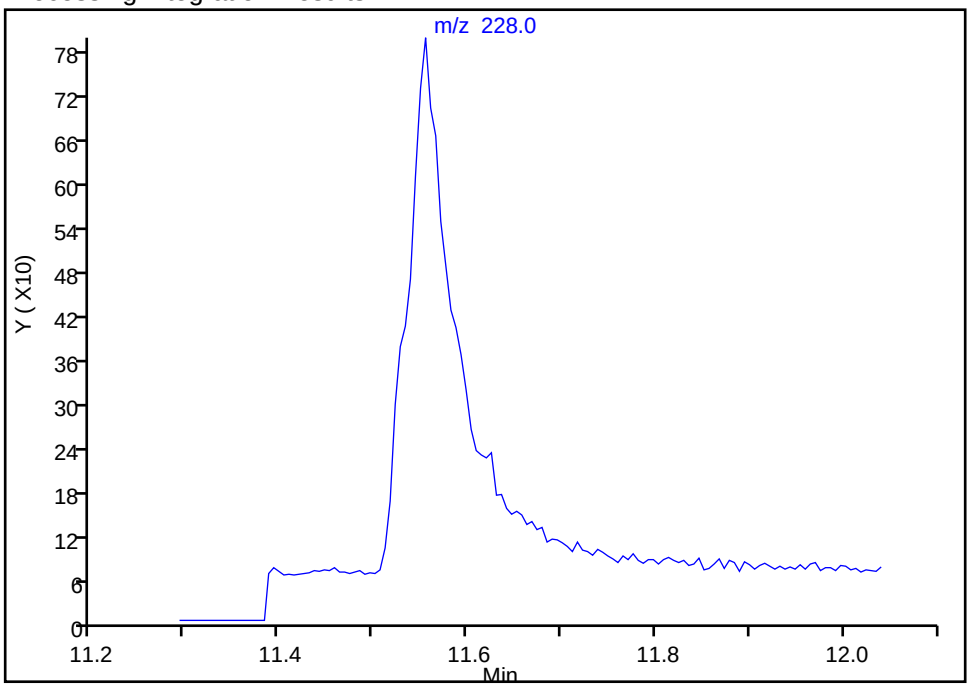
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

24 Chrysene, CAS: 218-01-9

Signal: 1

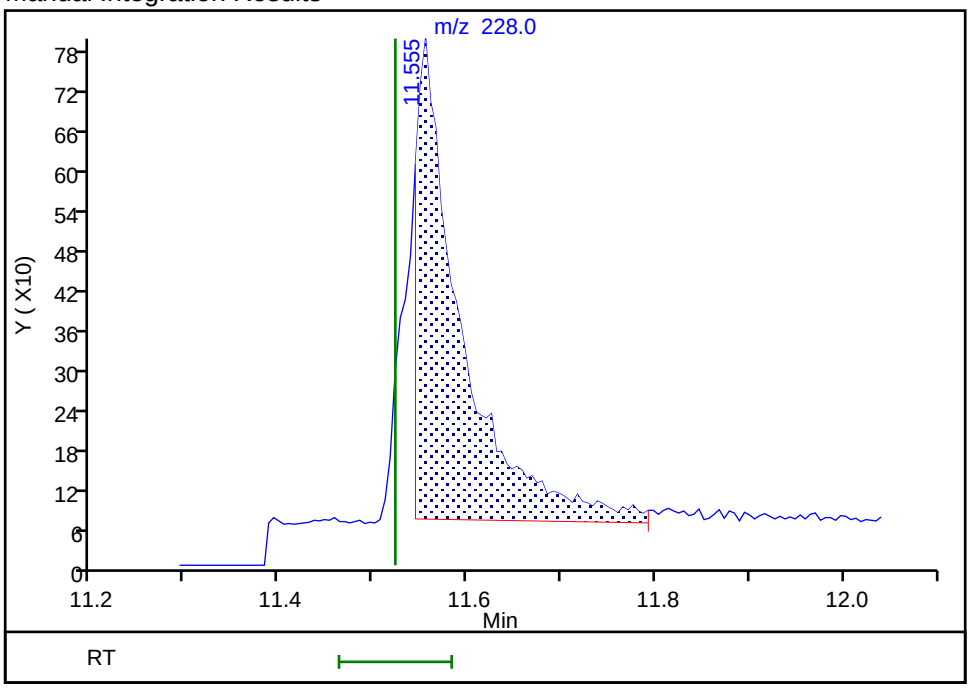
Not Detected
Expected RT: 11.52

Processing Integration Results



Manual Integration Results

RT: 11.56
Area: 2321
Amount: 2.945969
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:49:23
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

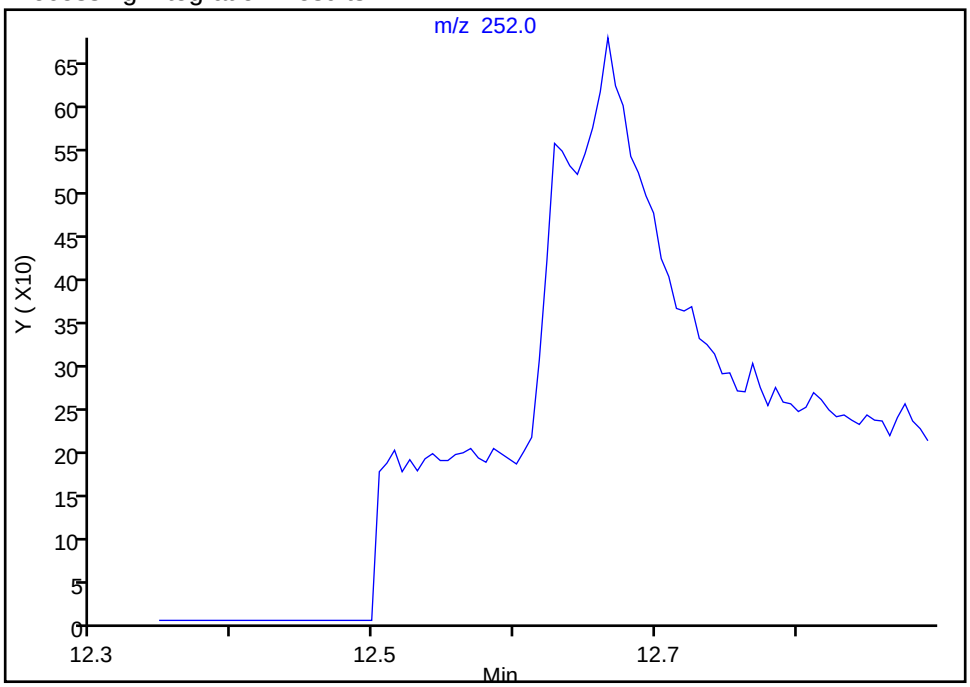
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

25 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

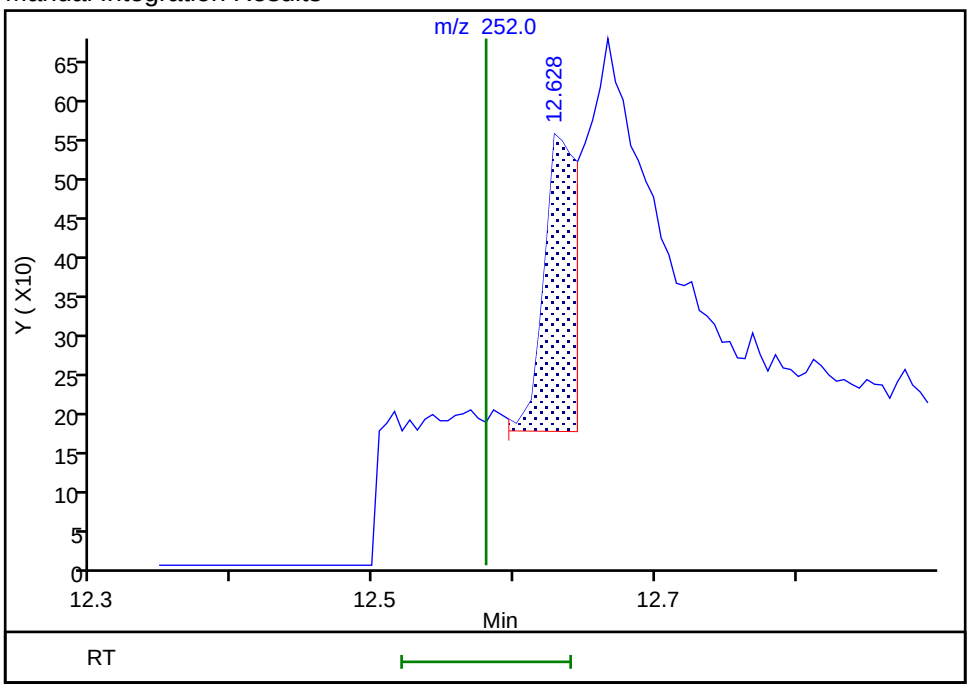
Not Detected
Expected RT: 12.58

Processing Integration Results



Manual Integration Results

RT: 12.63
Area: 566
Amount: 3.829975
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:49:34
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

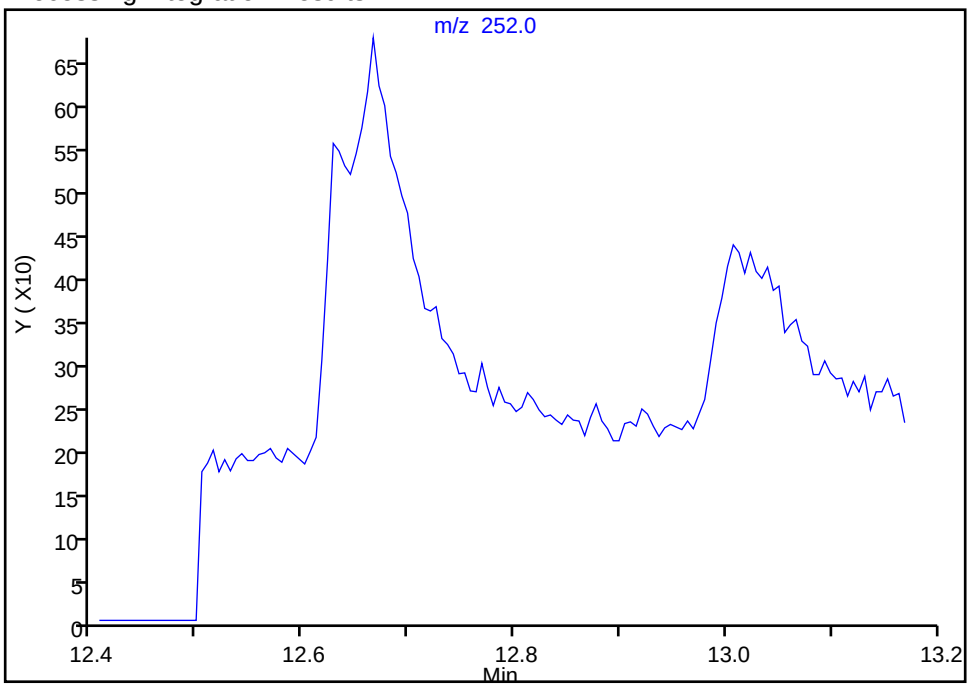
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D				
Injection Date:	05-Oct-2021 22:40:30	Instrument ID:	SEA101		
Lims ID:	std2				
Client ID:					
Operator ID:	TL	ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

26 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

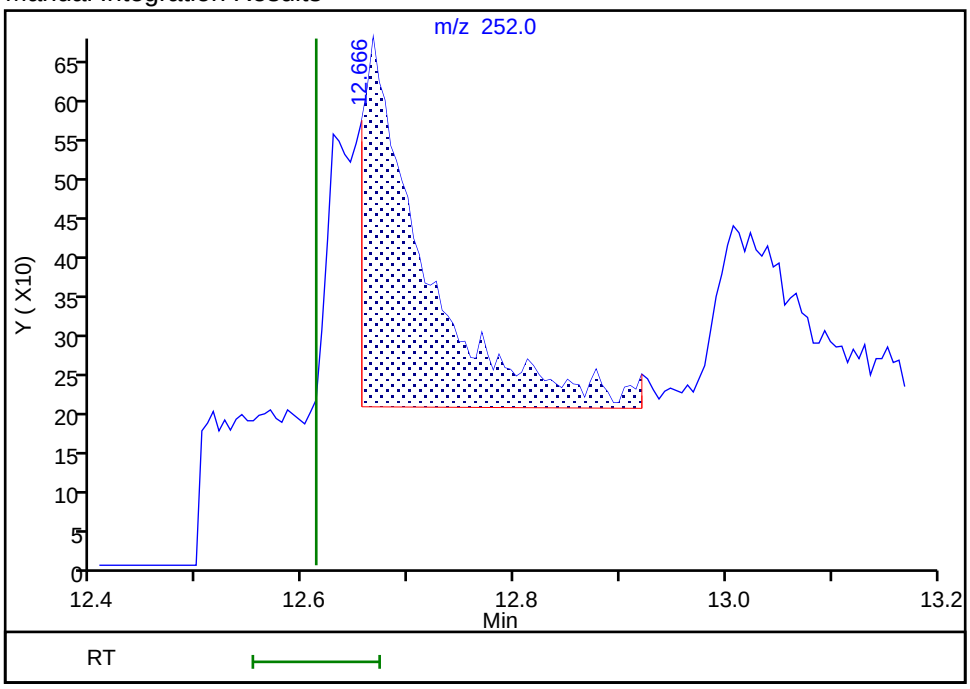
Not Detected
Expected RT: 12.61

Processing Integration Results



Manual Integration Results

RT: 12.67
Area: 1862
Amount: 1.593386
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:49:58
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

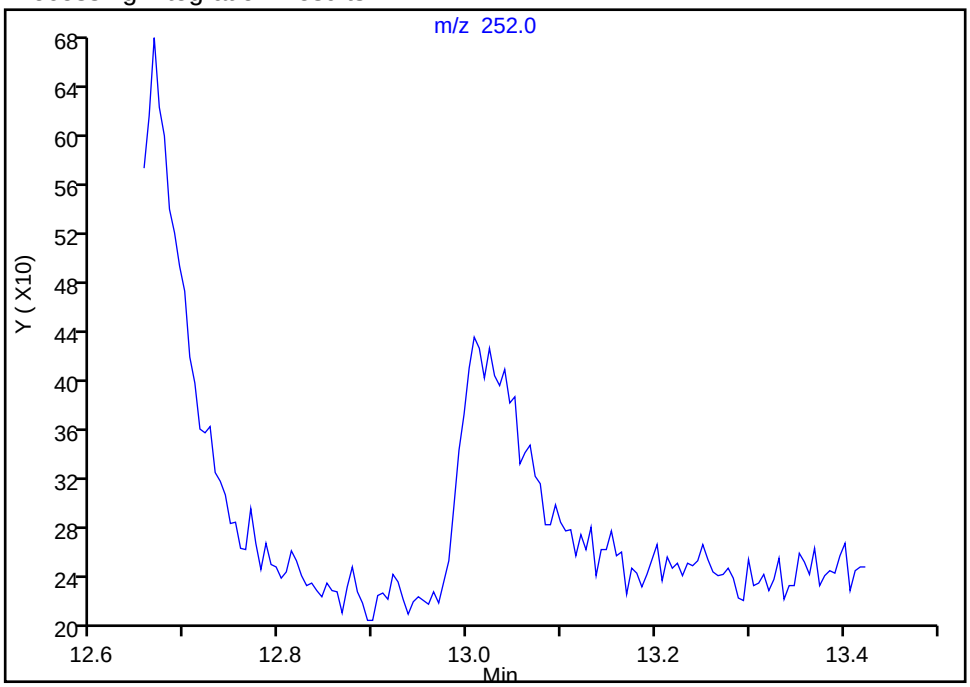
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

27 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

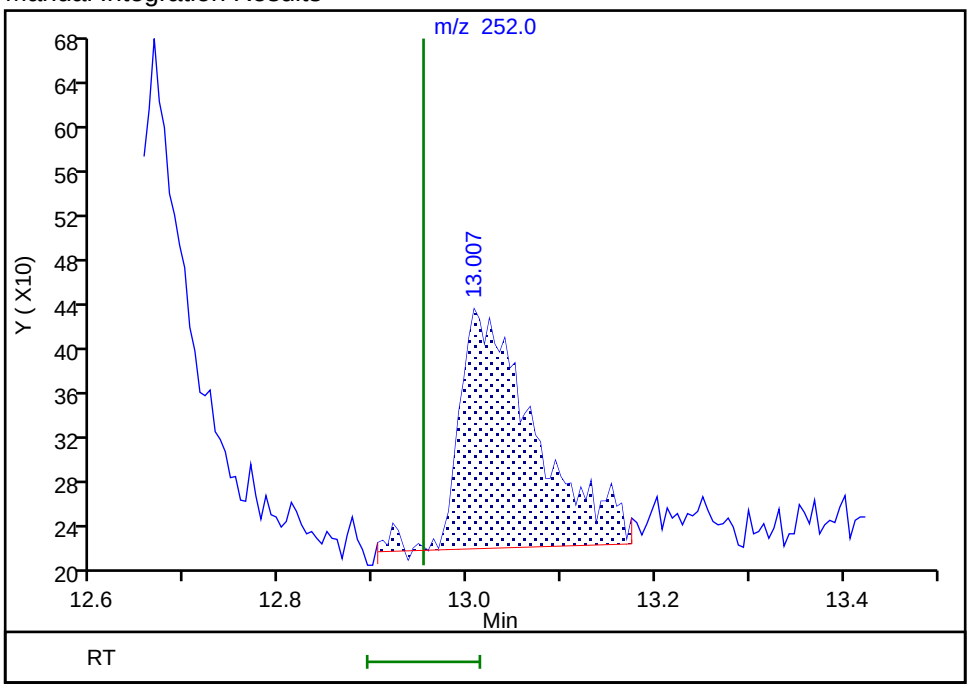
Not Detected
Expected RT: 12.95

Processing Integration Results



Manual Integration Results

RT: 13.01
Area: 1190
Amount: 3.492752
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:49:50
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

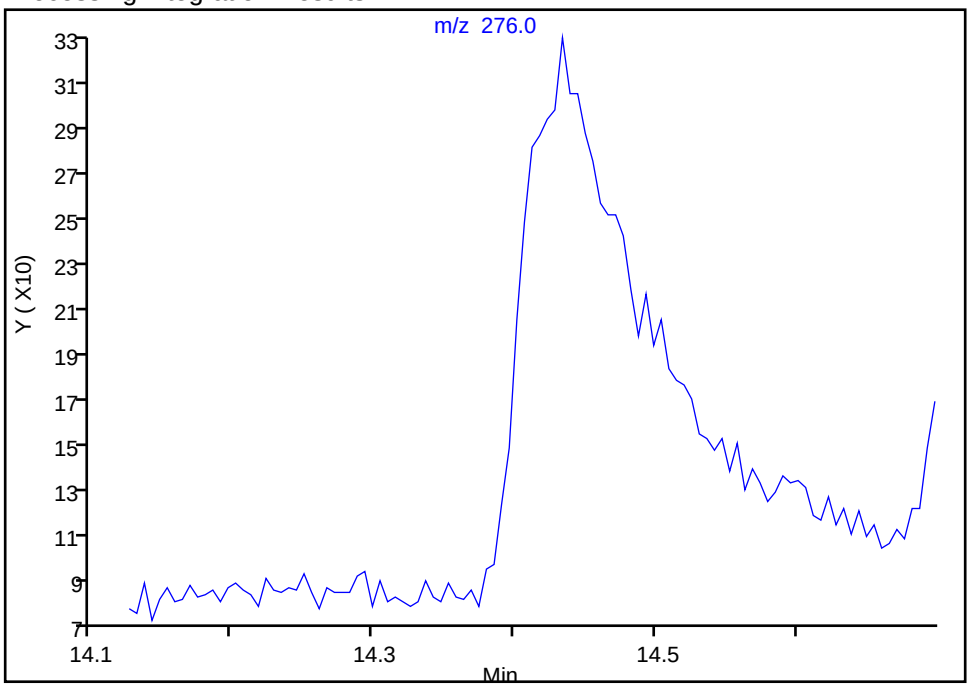
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

28 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

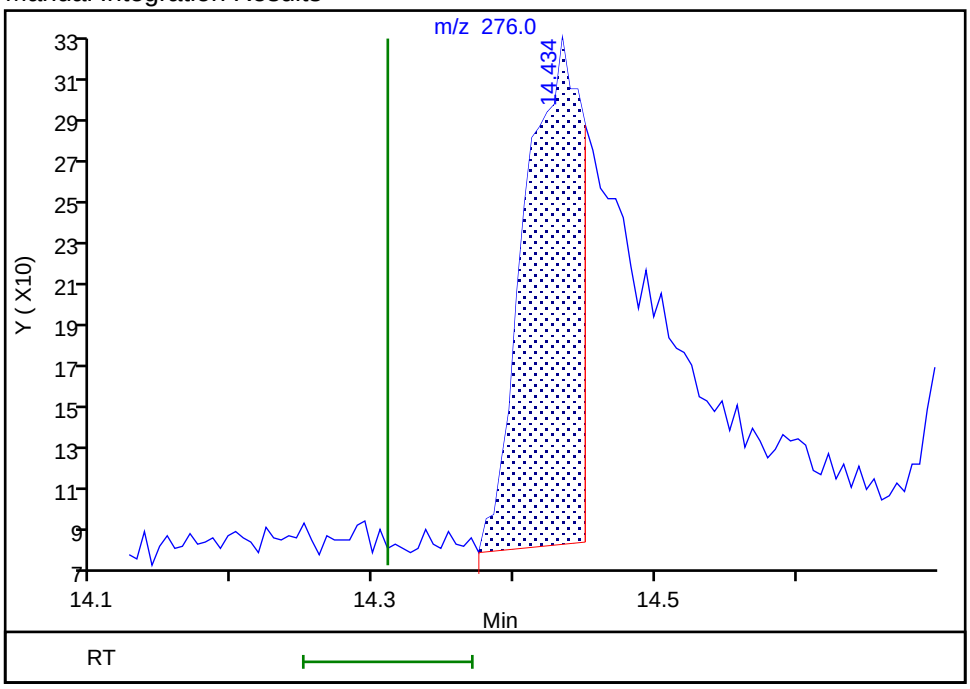
Not Detected
Expected RT: 14.31

Processing Integration Results



Manual Integration Results

RT: 14.43
Area: 649
Amount: 2.329425
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:54:14
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins FGS, Seattle

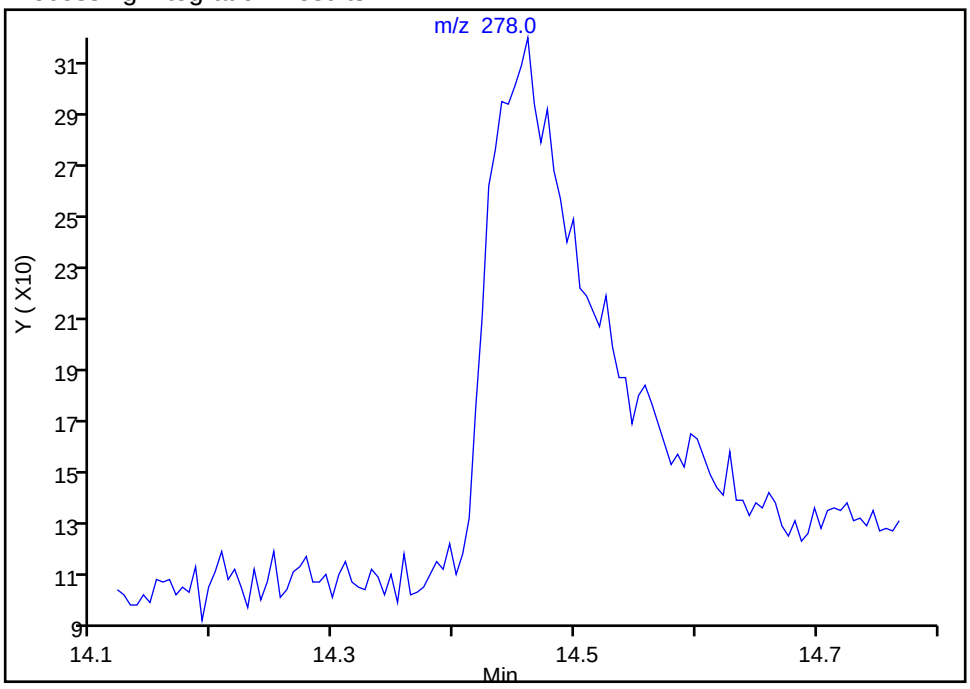
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D
Injection Date: 05-Oct-2021 22:40:30 Instrument ID: SEA101
Lims ID: std2
Client ID:
Operator ID: TL ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

29 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

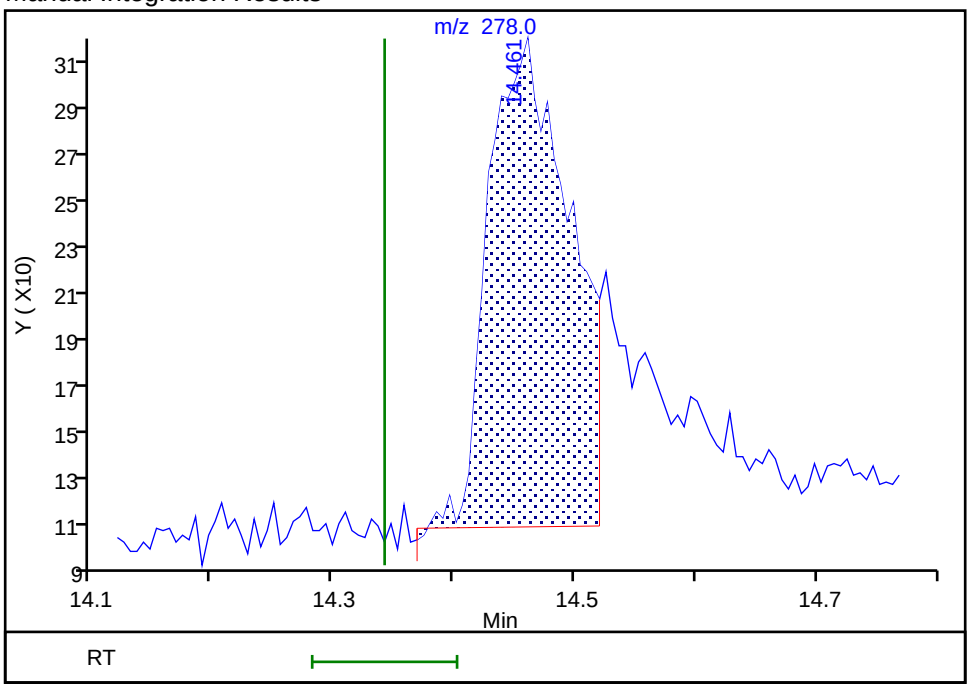
Not Detected
Expected RT: 14.34

Processing Integration Results



Manual Integration Results

RT: 14.46
Area: 976
Amount: 0.675258
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:50:28
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

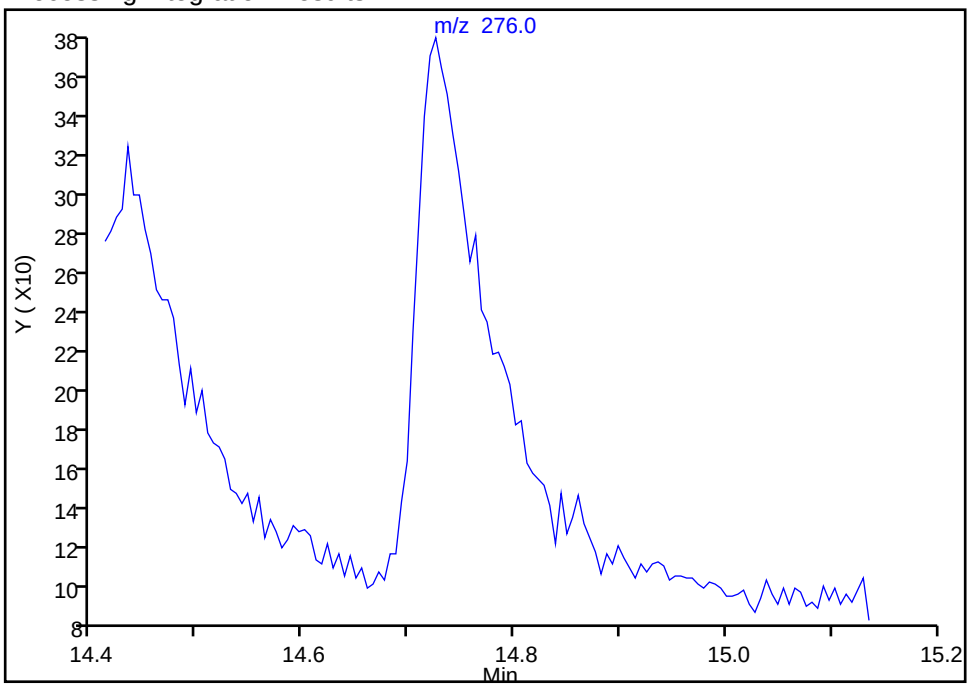
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a030.D				
Injection Date:	05-Oct-2021 22:40:30	Instrument ID:	SEA101		
Lims ID:	std2				
Client ID:					
Operator ID:	TL	ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

30 Benzo[g,h,i]perylene, CAS: 191-24-2

Signal: 1

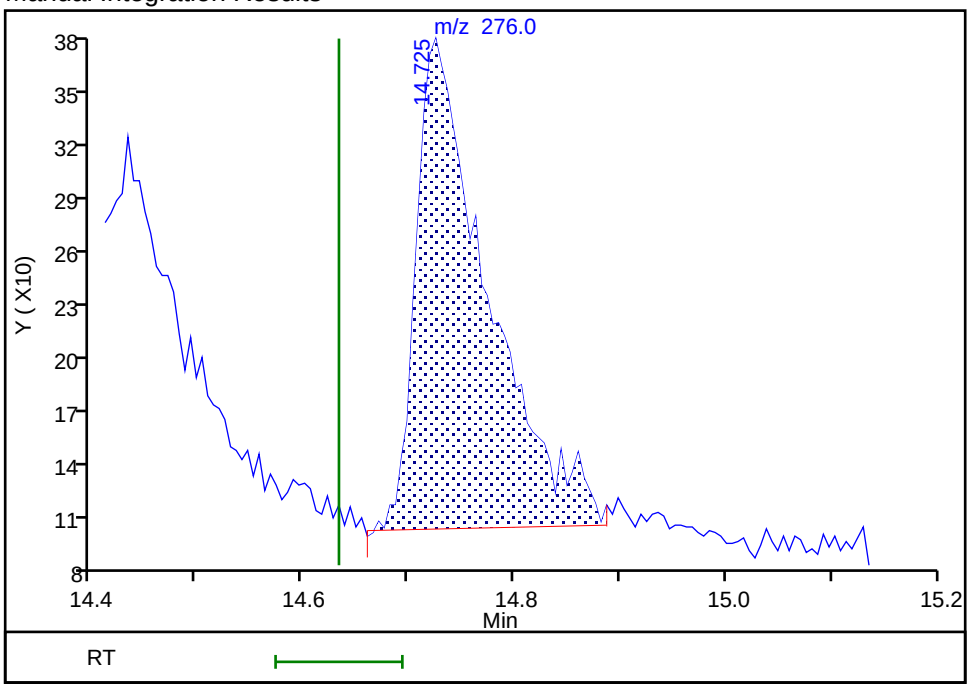
Not Detected
Expected RT: 14.63

Processing Integration Results



Manual Integration Results

RT: 14.73
Area: 1266
Amount: 3.087573
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:50:23
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins FGS, Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D
Lims ID: std1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 05-Oct-2021 23:04:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 1
Operator ID: TL Instrument ID: SEA101
Sublist: chrom-8270_SIM_SEA101*sub12

Method: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 22-Oct-2021 13:13:14 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: limmere Date: 06-Oct-2021 10:57:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.561	5.507	0.054	1	13172	100.0	100.0	
* 2 Naphthalene-d8	136	6.666	6.636	0.030	1	37907	100.0	100.0	
* 3 Acenaphthene-d10	164	8.122	8.097	0.025	1	24593	100.0	100.0	
* 4 Phenanthrene-d10	188	9.351	9.312	0.039	1	34794	100.0	100.0	
* 5 Chrysene-d12	240	11.534	11.501	0.033	1	26086	100.0	100.0	
* 6 Perylene-d12	264	13.045	13.023	0.022	1	24436	100.0	100.0	
$ 10 Fluoranthene-d10 (Surr)	212	10.348	10.290	0.058	82	504	1.00	1.31	M
$ 11 Terphenyl-d14	244	10.683	10.629	0.054	1	367	1.00	1.40	M
12 Naphthalene	128	6.687	6.656	0.031	1	1914	1.00	2.45	M
14 1-Methylnaphthalene	142	7.396	7.319	0.077	1	2854	1.00	10.6	M
15 Acenaphthylene	152	8.028	7.983	0.045	1	1310	1.00	2.79	M
16 Acenaphthene	153	8.152	8.122	0.030	1	1229	1.00	3.70	M
17 Fluorene	166	8.625	8.549	0.076	1	1331	1.00	3.93	M
19 Phenanthrene	178	9.378	9.329	0.049	1	1432	1.00	3.64	M
20 Anthracene	178	9.444	9.373	0.071	1	2157	1.00	1.44	M
21 Fluoranthene	202	10.362	10.303	0.059	1	1472	1.00	3.34	M
22 Pyrene	202	10.538	10.488	0.050	21	1680	1.00	3.62	M
23 Benzo[a]anthracene	228	11.539	11.491	0.048	1	332	1.00	2.39	M
24 Chrysene	228	11.555	11.523	0.032	1	2413	1.00	2.87	M
25 Benzo[b]fluoranthene	252	12.628	12.580	0.048	1	313	1.00	3.02	M
26 Benzo[k]fluoranthene	252	12.672	12.612	0.060	1	971	1.00	-0.3112	M
27 Benzo[a]pyrene	252	13.034	12.953	0.081	1	987	1.00	3.02	M
28 Indeno[1,2,3-cd]pyrene	276	14.439	14.310	0.129	1	388	1.00	1.45	M
29 Dibenz(a,h)anthracene	278	14.456	14.342	0.114	1	1094	1.00	1.15	M
30 Benzo[g,h,i]perylene	276	14.736	14.634	0.102	5	830	1.00	2.11	M

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

8270SIM_IS_00069	Amount Added:	9.80	Units: uL
8270ccvl_50_00037	Amount Added:	20.00	Units: uL

Report Date: 22-Oct-2021 13:13:15 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins FGS, Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Injection Date: 05-Oct-2021 23:04:30 Instrument ID: SEA101

Lims ID: std1

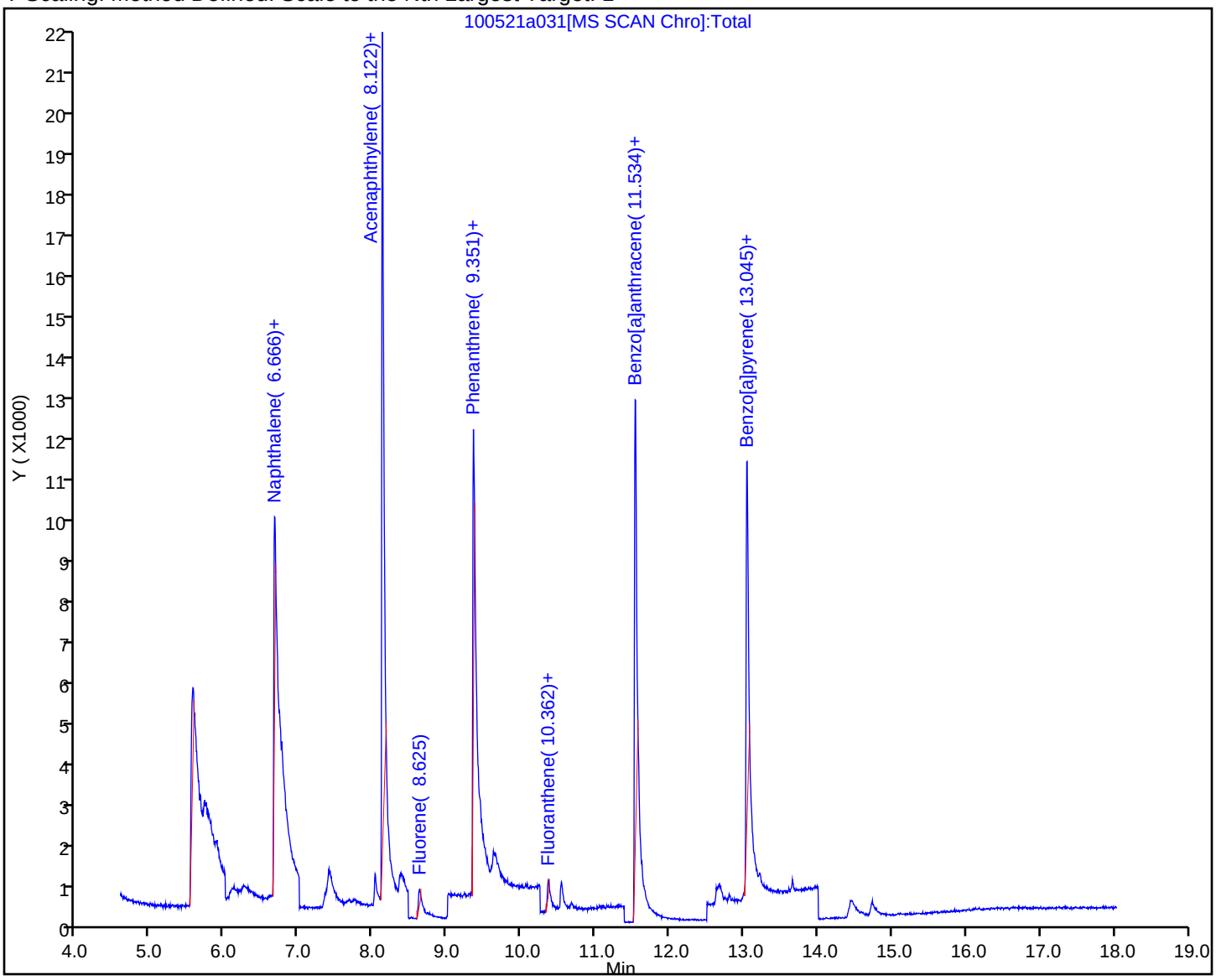
Client ID:

Operator ID: TL ALS Bottle#: 16 Worklist Smp#: 16

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

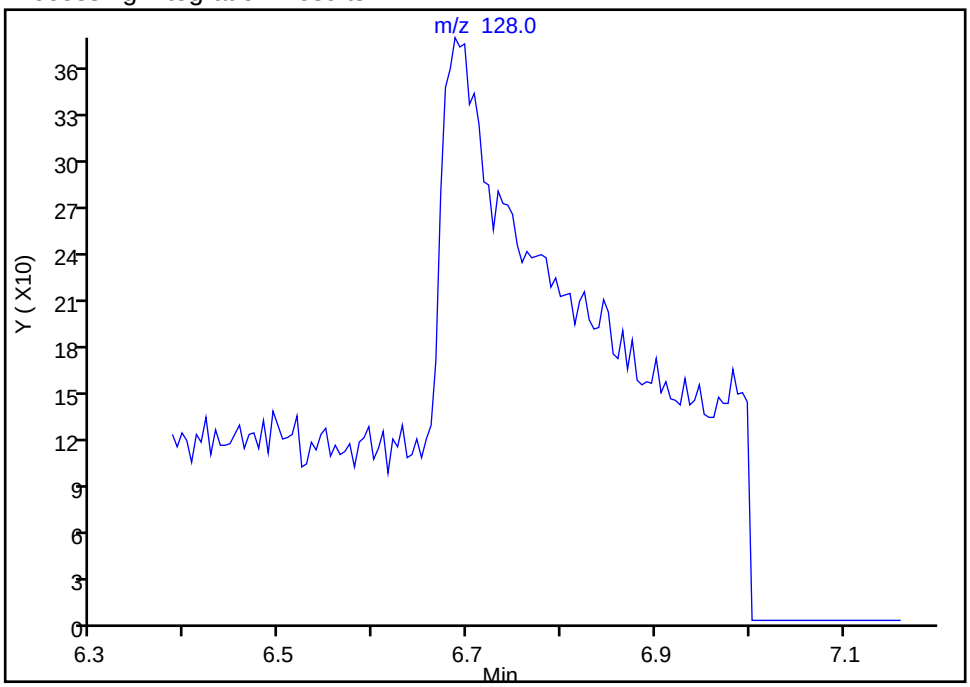
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D
Injection Date: 05-Oct-2021 23:04:30 Instrument ID: SEA101
Lims ID: std1
Client ID:
Operator ID: TL ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

12 Naphthalene, CAS: 91-20-3

Signal: 1

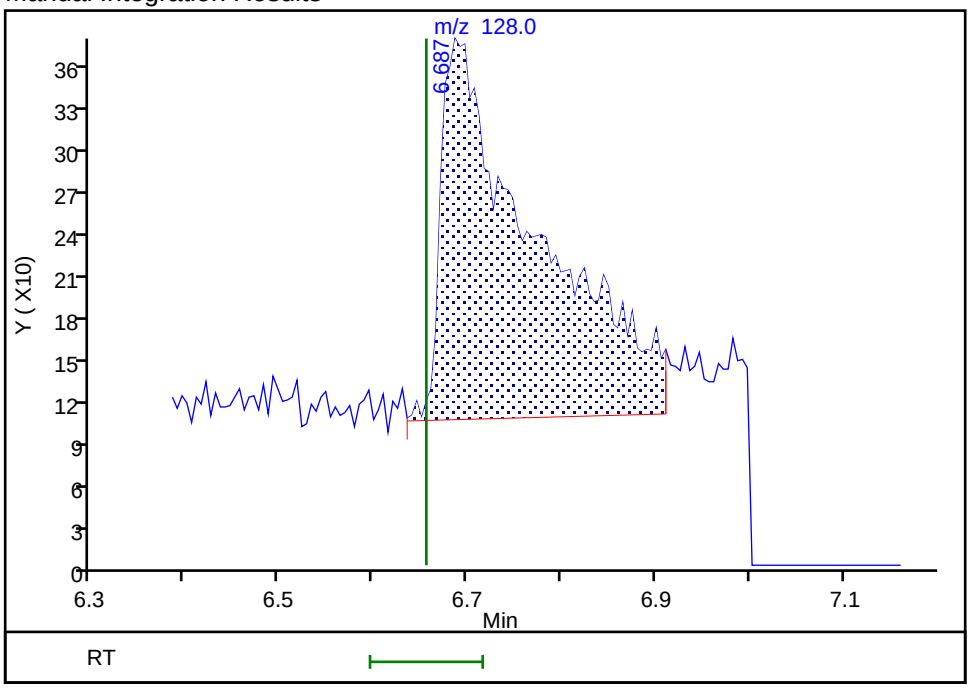
Not Detected
Expected RT: 6.66

Processing Integration Results



Manual Integration Results

RT: 6.69
Area: 1914
Amount: 2.453236
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:51:13
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

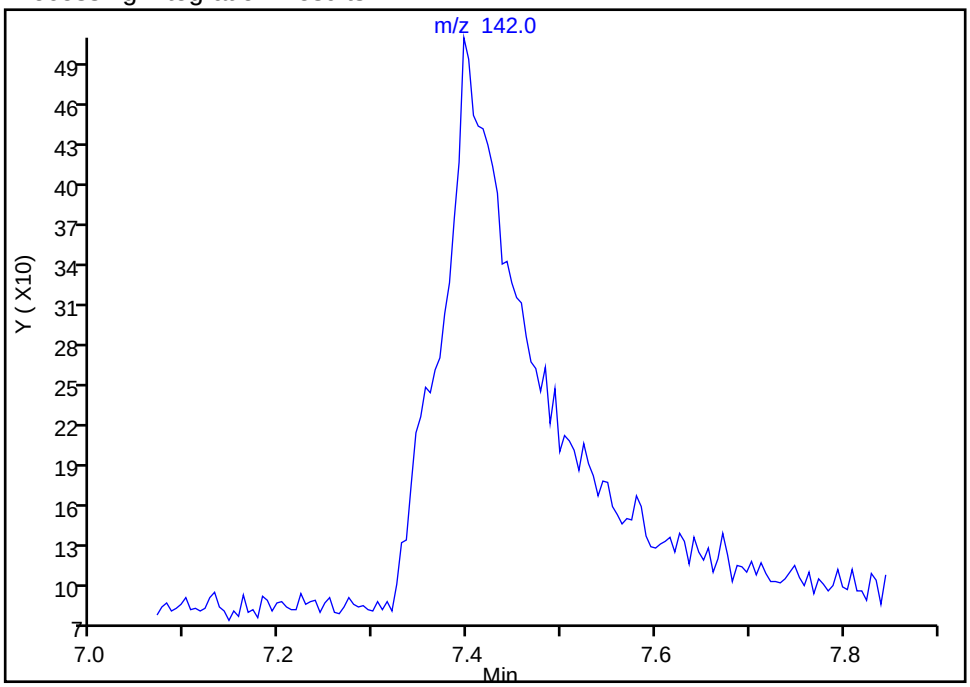
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D
Injection Date: 05-Oct-2021 23:04:30 Instrument ID: SEA101
Lims ID: std1
Client ID:
Operator ID: TL ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

14 1-Methylnaphthalene, CAS: 90-12-0

Signal: 1

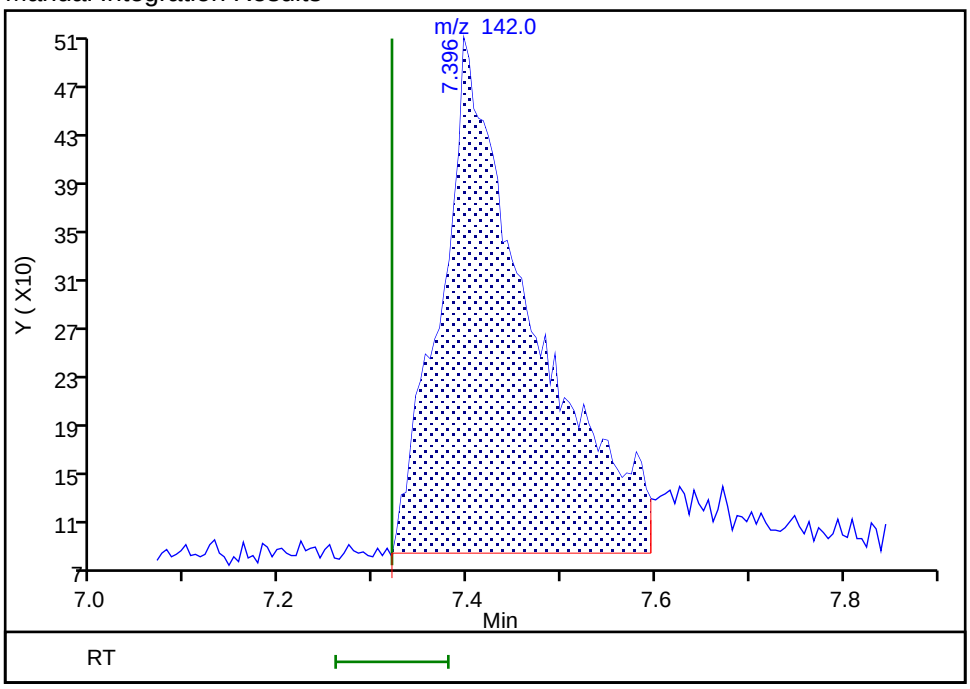
Not Detected
Expected RT: 7.32

Processing Integration Results



Manual Integration Results

RT: 7.40
Area: 2854
Amount: 10.641686
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:51:19
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

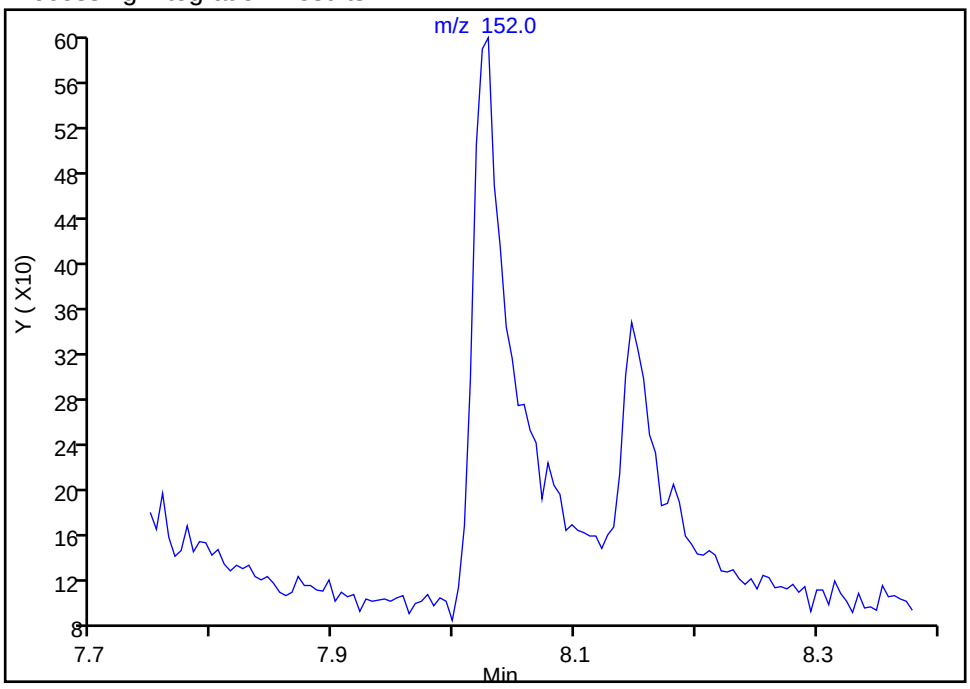
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D
Injection Date: 05-Oct-2021 23:04:30 Instrument ID: SEA101
Lims ID: std1
Client ID:
Operator ID: TL ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

15 Acenaphthylene, CAS: 208-96-8

Signal: 1

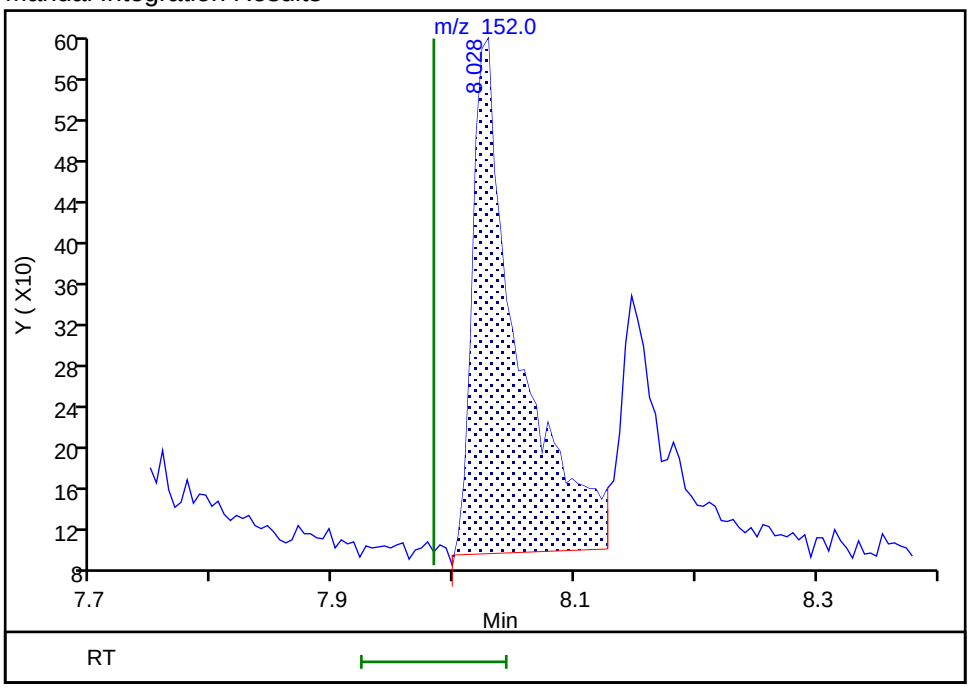
Not Detected
Expected RT: 7.98

Processing Integration Results



Manual Integration Results

RT: 8.03
Area: 1310
Amount: 2.790547
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:51:23
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins FGS, Seattle

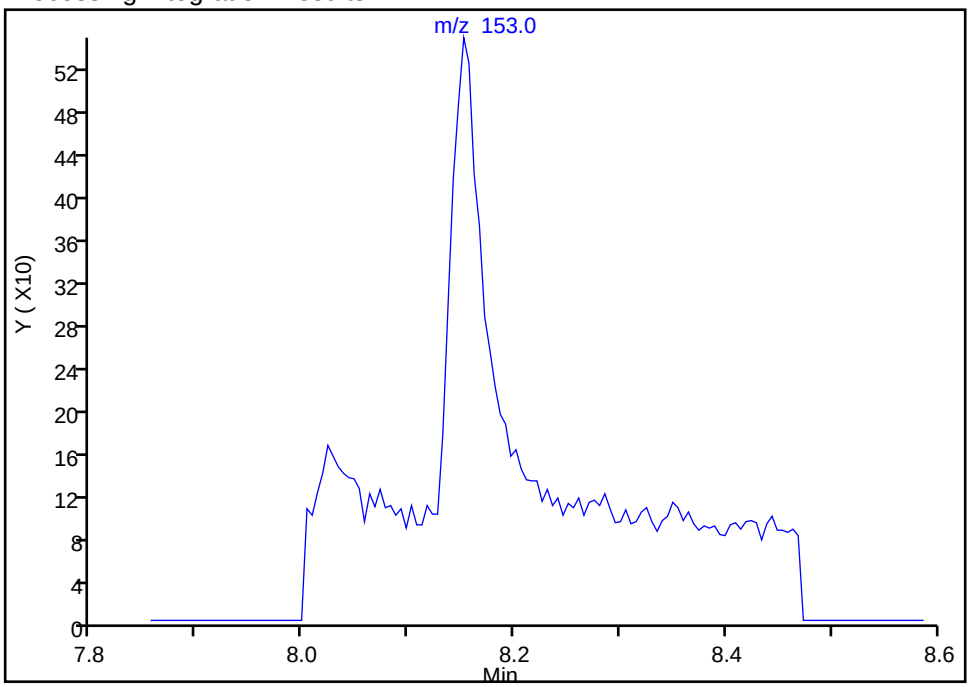
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D
Injection Date: 05-Oct-2021 23:04:30 Instrument ID: SEA101
Lims ID: std1
Client ID:
Operator ID: TL ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

16 Acenaphthene, CAS: 83-32-9

Signal: 1

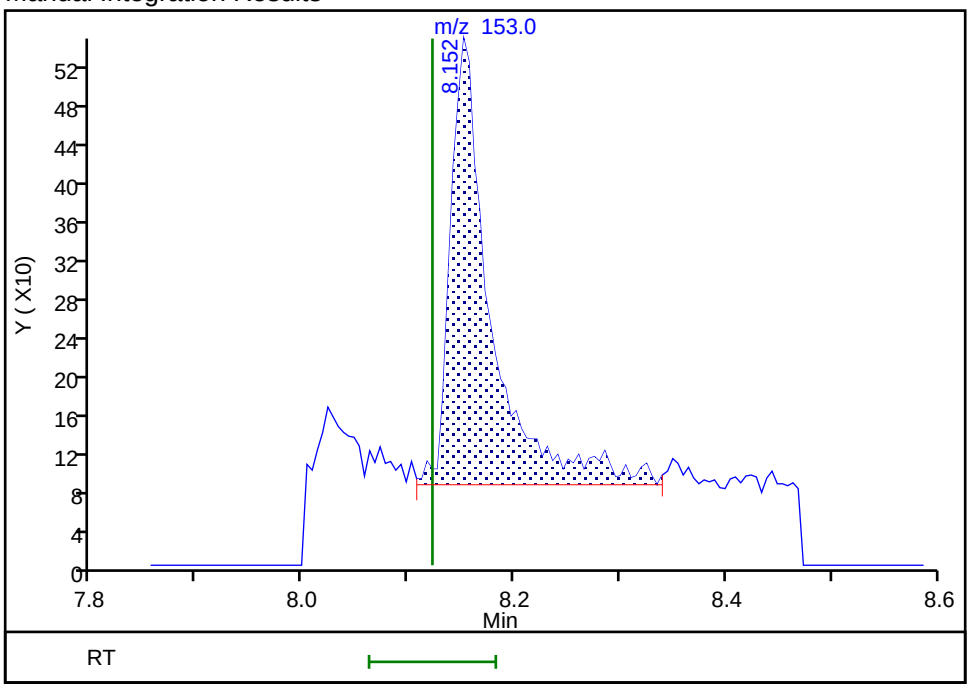
Not Detected
Expected RT: 8.12

Processing Integration Results



Manual Integration Results

RT: 8.15
Area: 1229
Amount: 3.703331
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:51:26
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

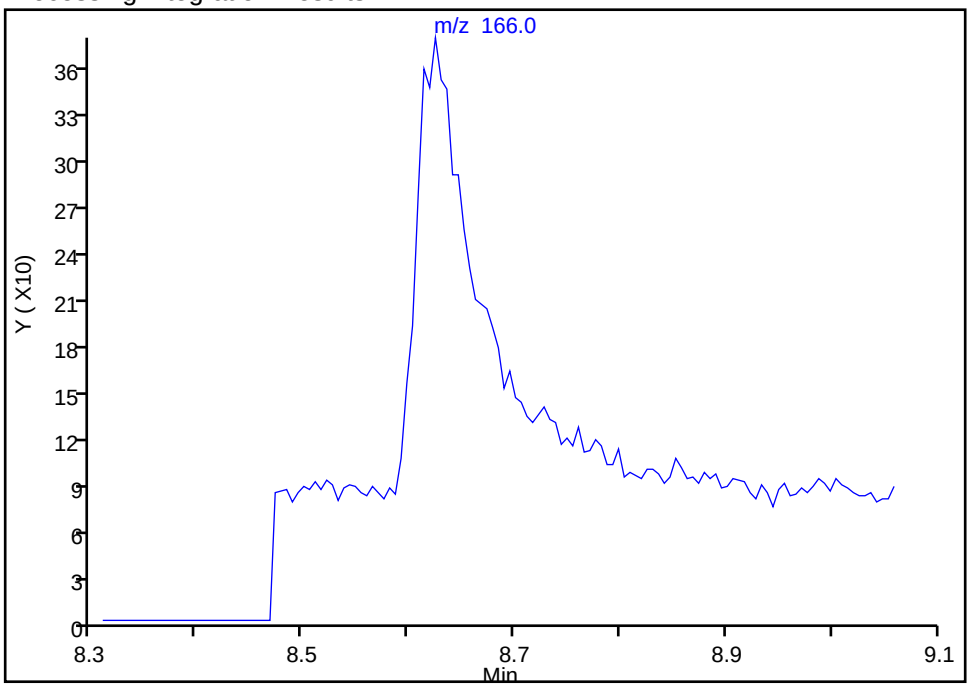
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D
Injection Date: 05-Oct-2021 23:04:30 Instrument ID: SEA101
Lims ID: std1
Client ID:
Operator ID: TL ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

17 Fluorene, CAS: 86-73-7

Signal: 1

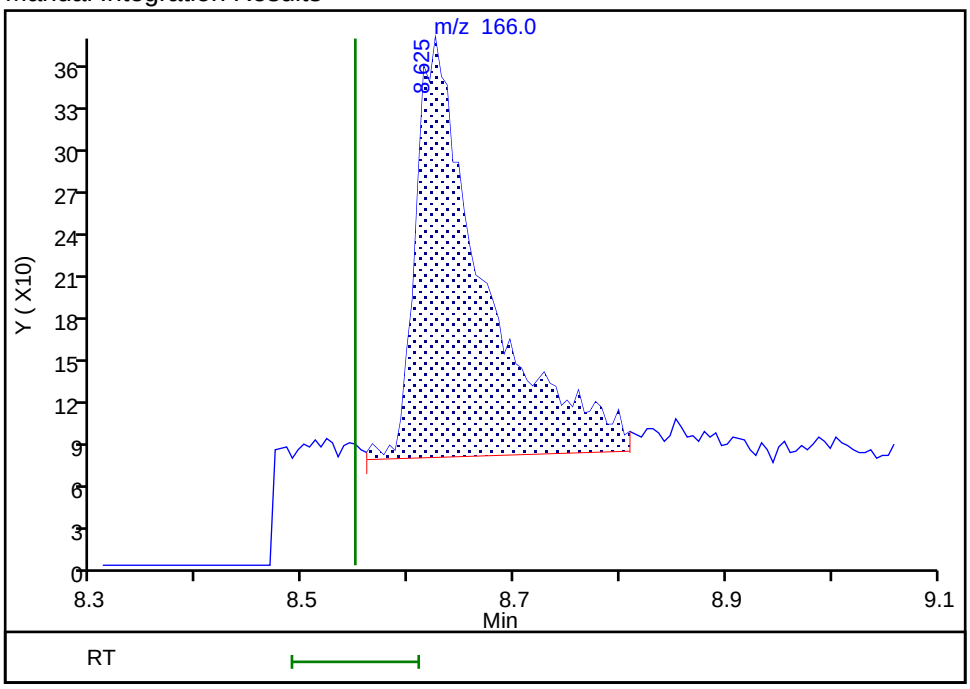
Not Detected
Expected RT: 8.55

Processing Integration Results



Manual Integration Results

RT: 8.63
Area: 1331
Amount: 3.930752
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:51:31
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

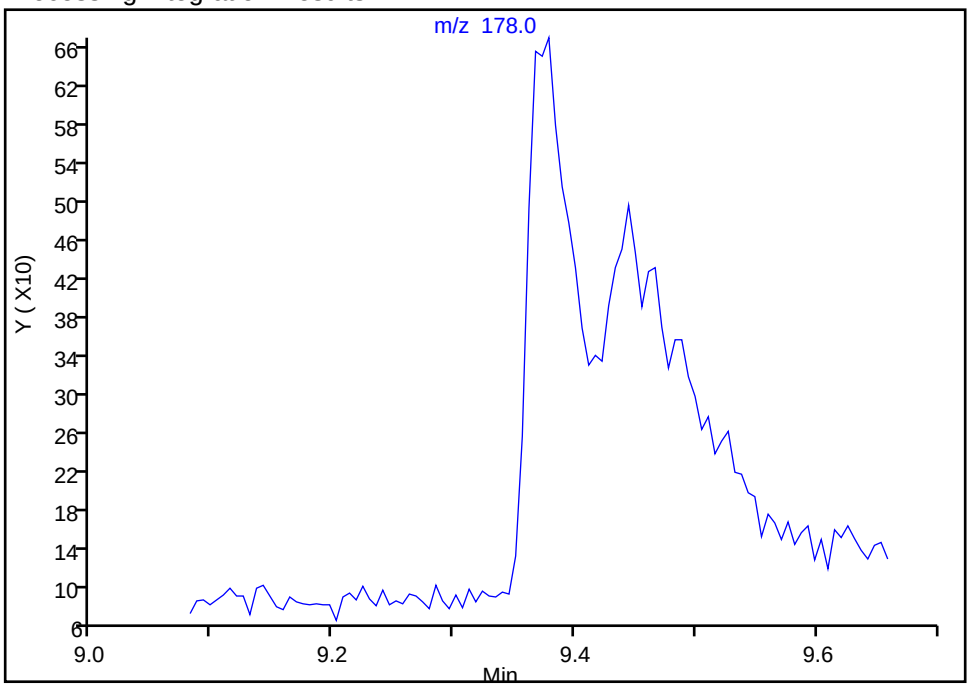
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D
Injection Date: 05-Oct-2021 23:04:30 Instrument ID: SEA101
Lims ID: std1
Client ID:
Operator ID: TL ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

19 Phenanthrene, CAS: 85-01-8

Signal: 1

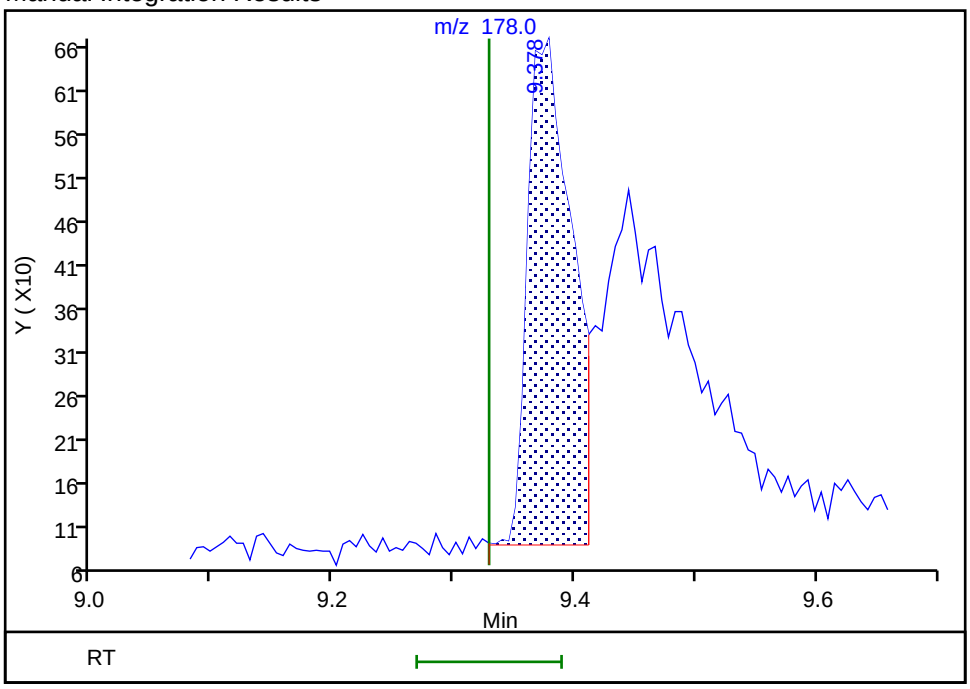
Not Detected
Expected RT: 9.33

Processing Integration Results



Manual Integration Results

RT: 9.38
Area: 1432
Amount: 3.643897
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:52:49
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

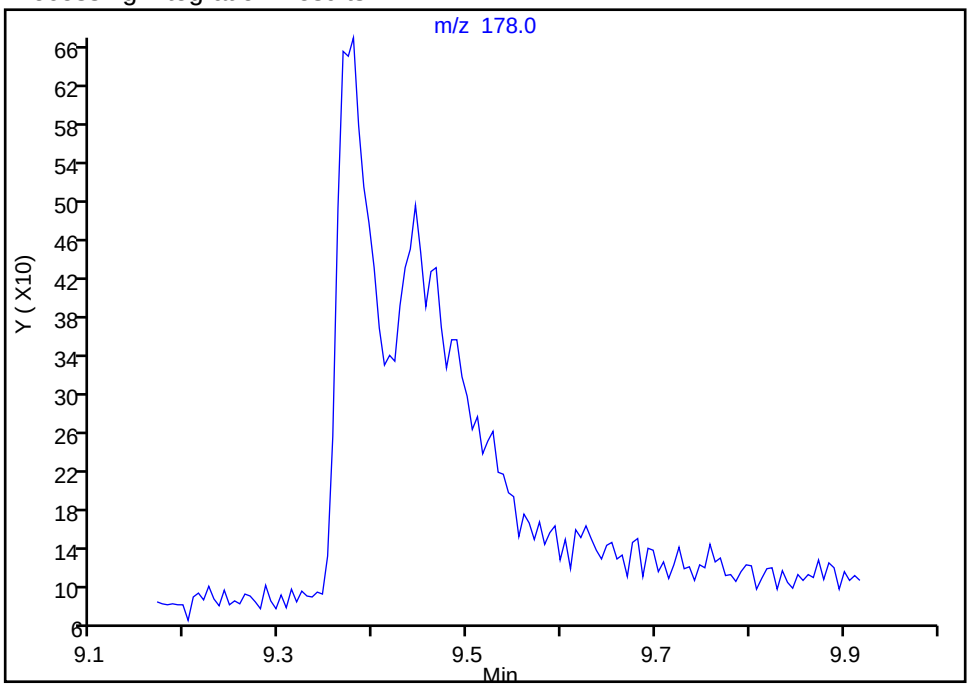
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D
Injection Date: 05-Oct-2021 23:04:30 Instrument ID: SEA101
Lims ID: std1
Client ID:
Operator ID: TL ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

20 Anthracene, CAS: 120-12-7

Signal: 1

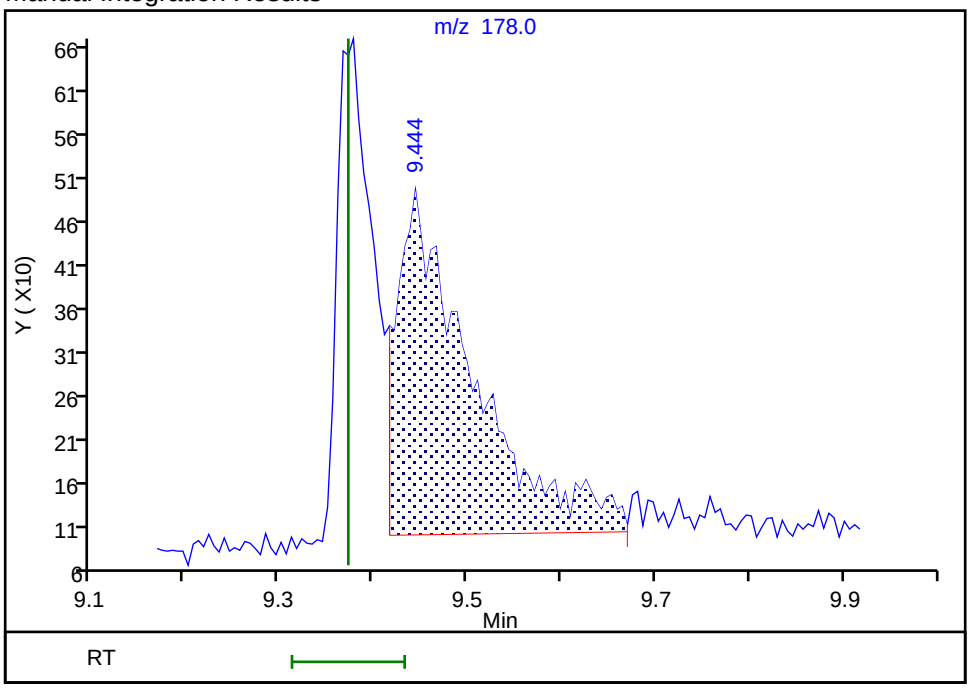
Not Detected
Expected RT: 9.37

Processing Integration Results



Manual Integration Results

RT: 9.44
Area: 2157
Amount: 1.436231
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:53:07
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

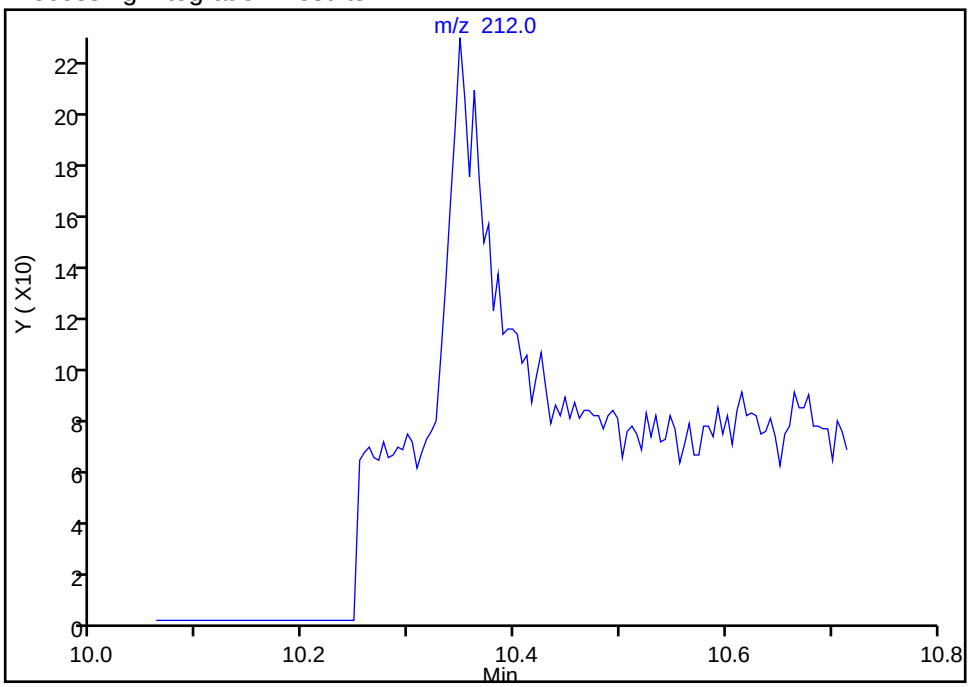
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D
Injection Date: 05-Oct-2021 23:04:30 Instrument ID: SEA101
Lims ID: std1
Client ID:
Operator ID: TL ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 10 Fluoranthene-d10 (Surr), CAS: 93951-69-0

Signal: 1

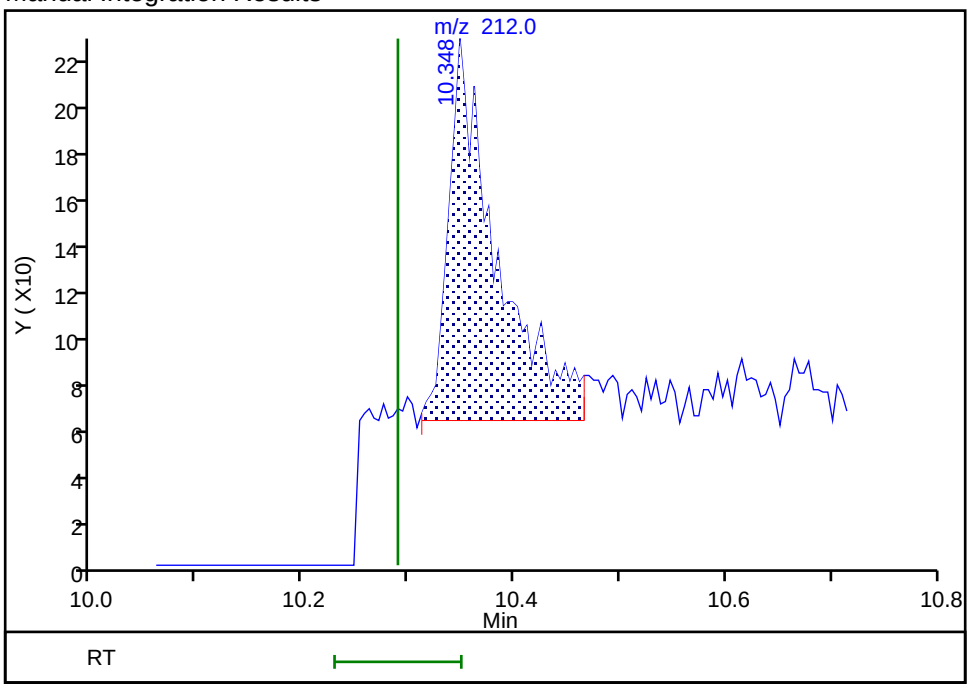
Not Detected
Expected RT: 10.29

Processing Integration Results



Manual Integration Results

RT: 10.35
Area: 504
Amount: 1.310294
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:51:05
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

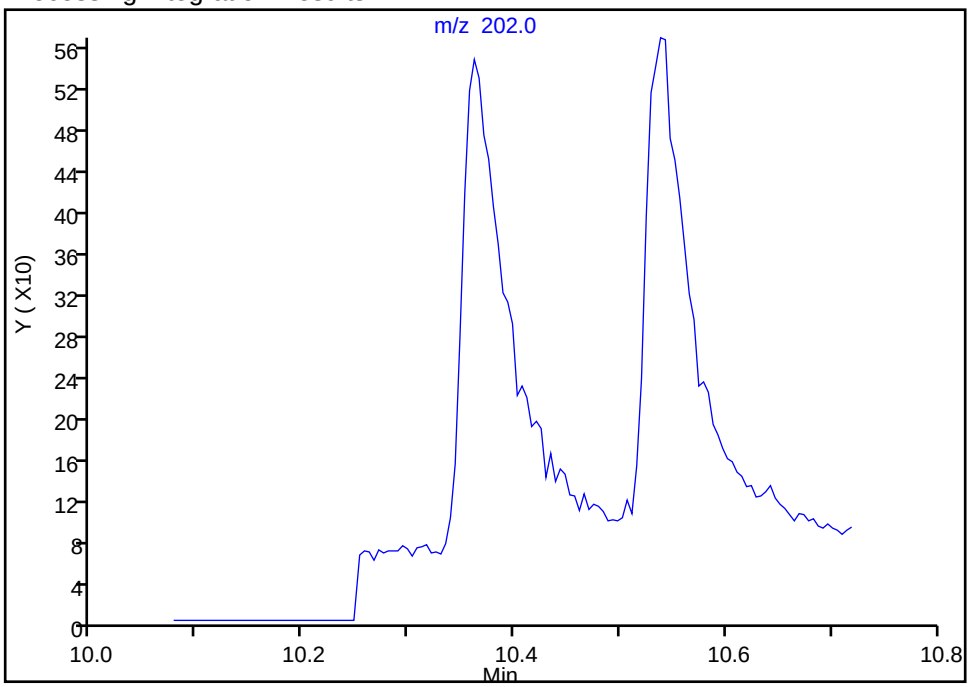
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D
Injection Date: 05-Oct-2021 23:04:30 Instrument ID: SEA101
Lims ID: std1
Client ID:
Operator ID: TL ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

21 Fluoranthene, CAS: 206-44-0

Signal: 1

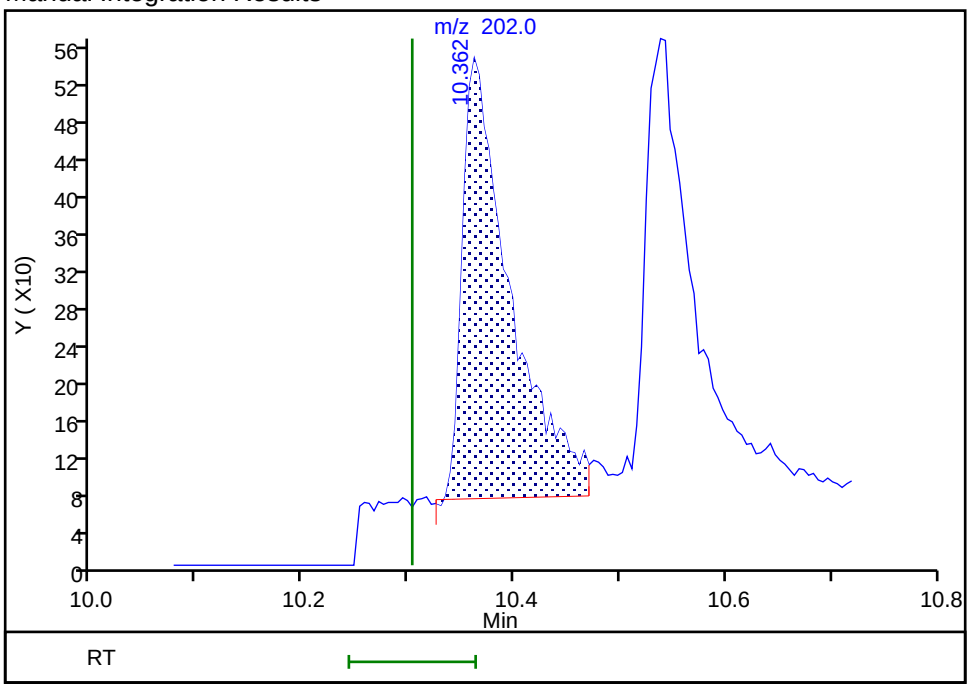
Not Detected
Expected RT: 10.30

Processing Integration Results



Manual Integration Results

RT: 10.36
Area: 1472
Amount: 3.344369
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:51:48
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

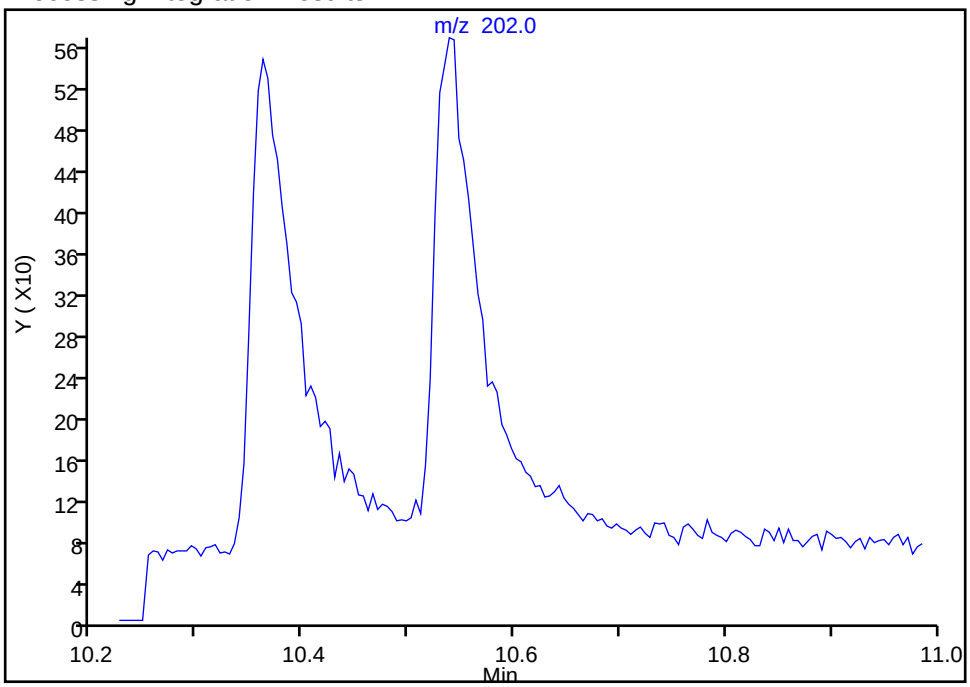
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D				
Injection Date:	05-Oct-2021 23:04:30	Instrument ID:	SEA101		
Lims ID:	std1				
Client ID:					
Operator ID:	TL	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

22 Pyrene, CAS: 129-00-0

Signal: 1

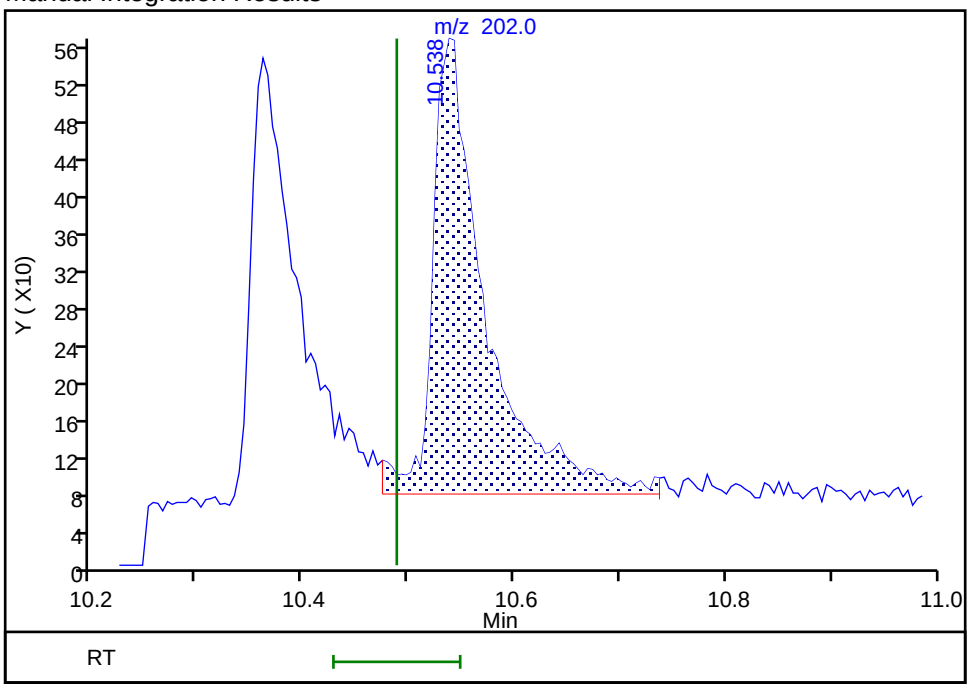
Not Detected
Expected RT: 10.49

Processing Integration Results



Manual Integration Results

RT: 10.54
Area: 1680
Amount: 3.620744
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:52:00
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

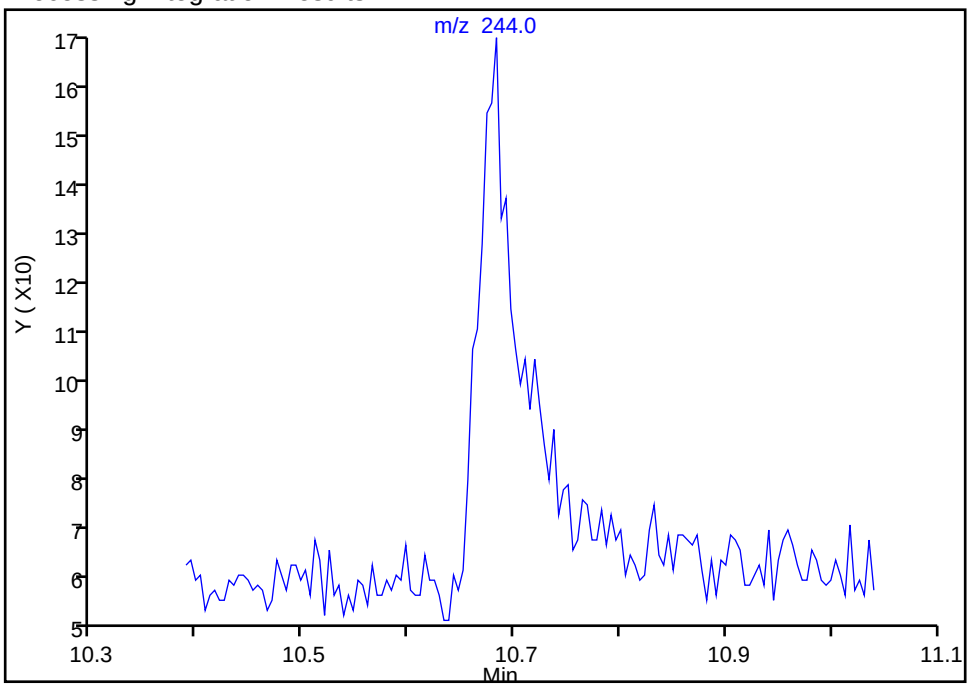
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D
Injection Date: 05-Oct-2021 23:04:30 Instrument ID: SEA101
Lims ID: std1
Client ID:
Operator ID: TL ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 11 Terphenyl-d14, CAS: 1718-51-0

Signal: 1

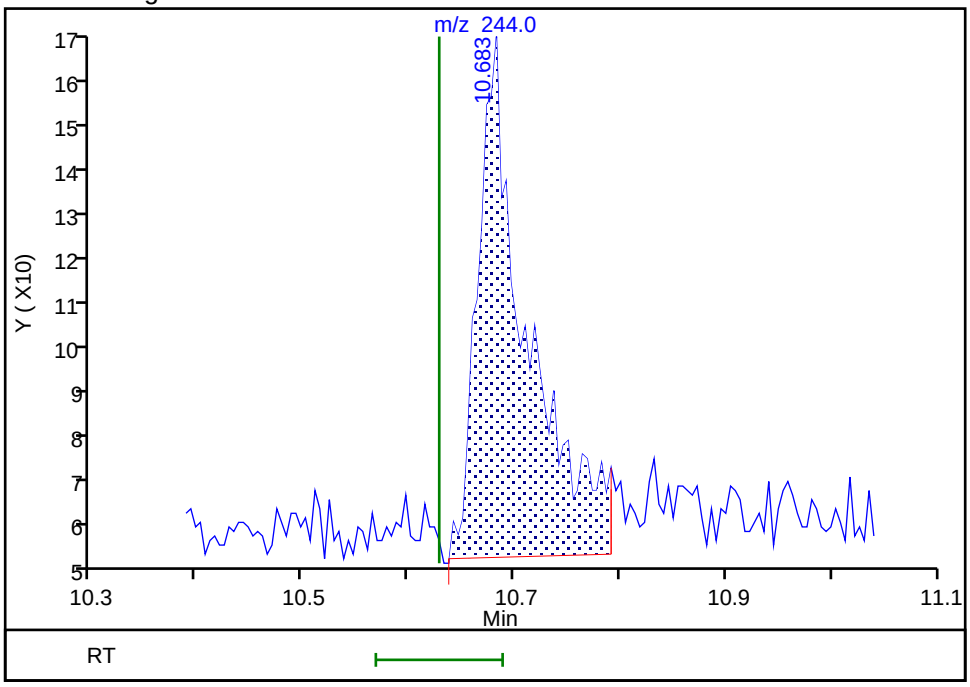
Not Detected
Expected RT: 10.63

Processing Integration Results



Manual Integration Results

RT: 10.68
Area: 367
Amount: 1.397164
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:51:09
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

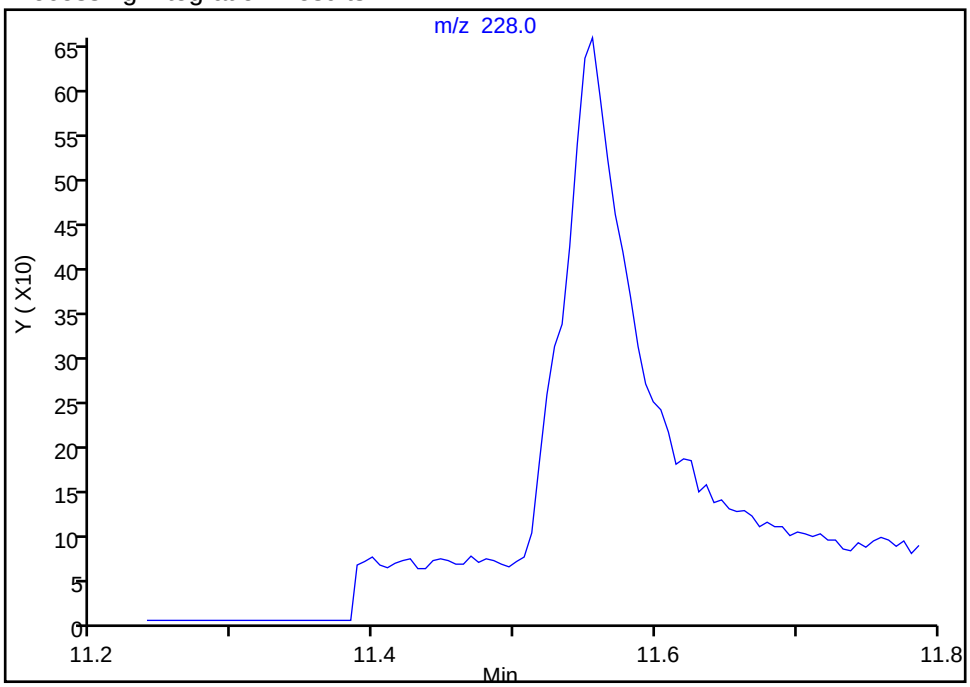
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D
Injection Date: 05-Oct-2021 23:04:30 Instrument ID: SEA101
Lims ID: std1
Client ID:
Operator ID: TL ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

23 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

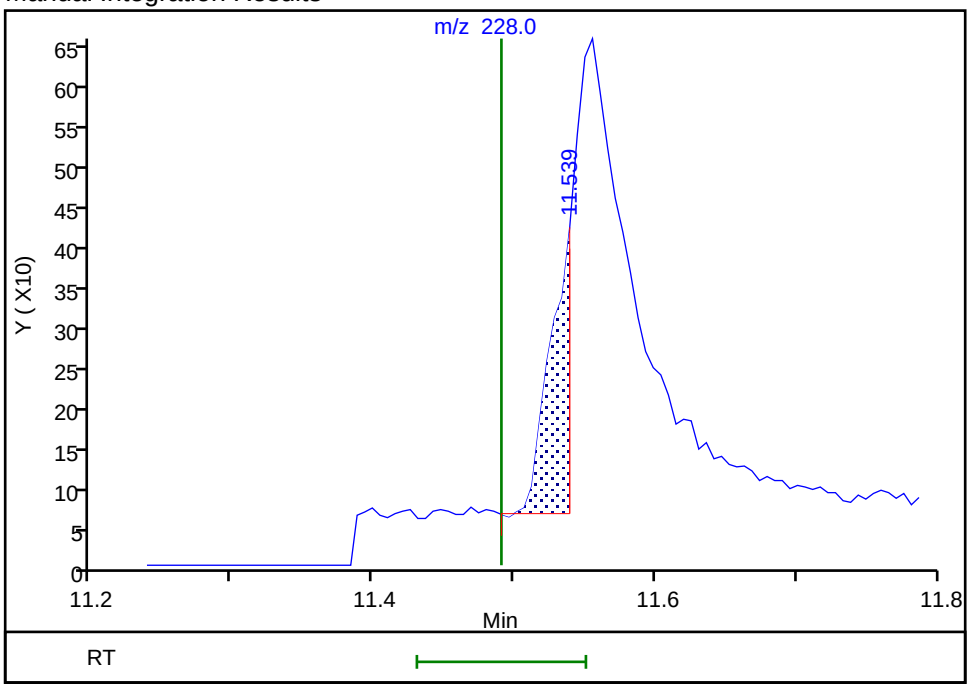
Not Detected
Expected RT: 11.49

Processing Integration Results



Manual Integration Results

RT: 11.54
Area: 332
Amount: 2.391540
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:52:04
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

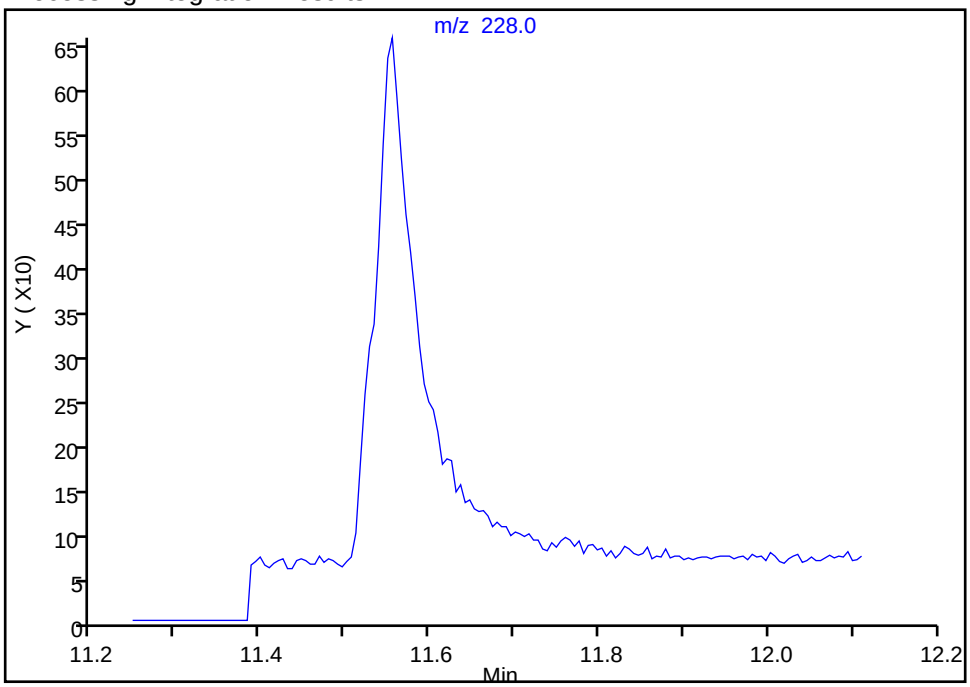
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D
Injection Date: 05-Oct-2021 23:04:30 Instrument ID: SEA101
Lims ID: std1
Client ID:
Operator ID: TL ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

24 Chrysene, CAS: 218-01-9

Signal: 1

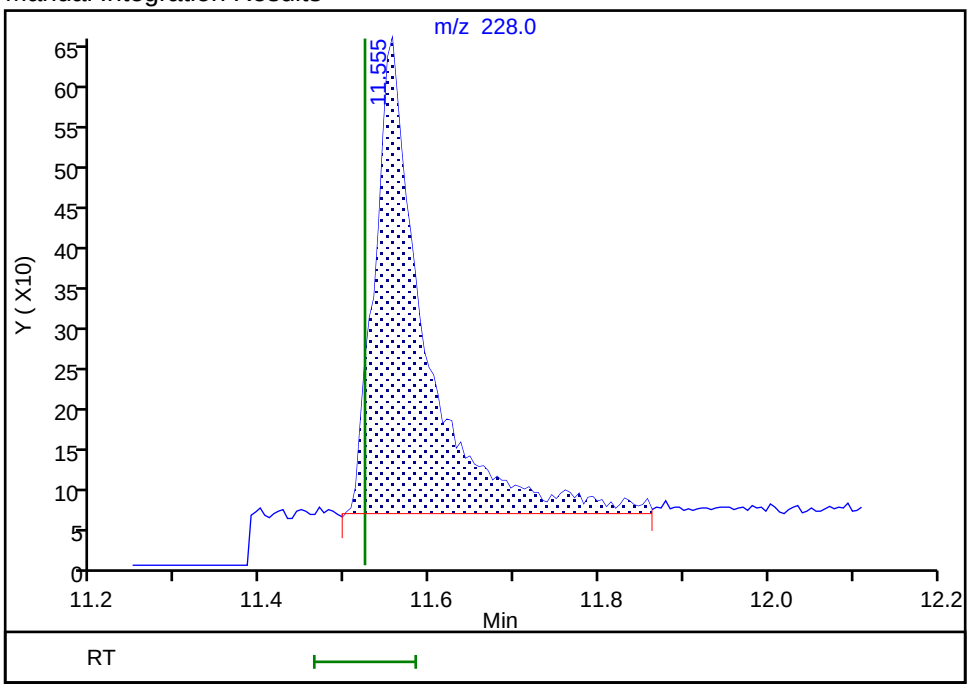
Not Detected
Expected RT: 11.52

Processing Integration Results



Manual Integration Results

RT: 11.56
Area: 2413
Amount: 2.873944
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:52:25
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

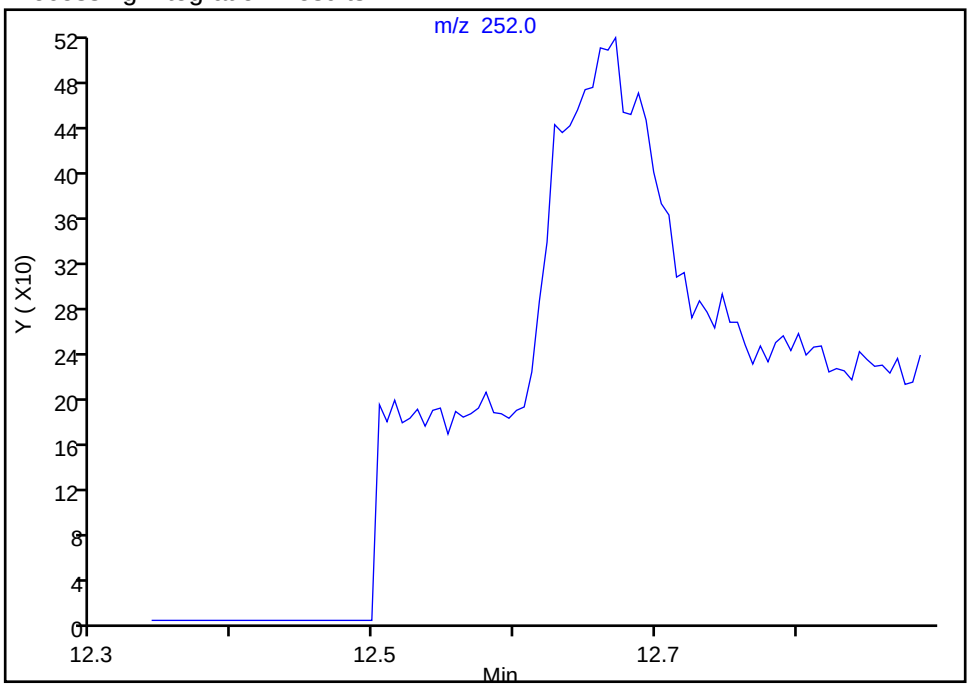
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D				
Injection Date:	05-Oct-2021 23:04:30	Instrument ID:	SEA101		
Lims ID:	std1				
Client ID:					
Operator ID:	TL	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

25 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

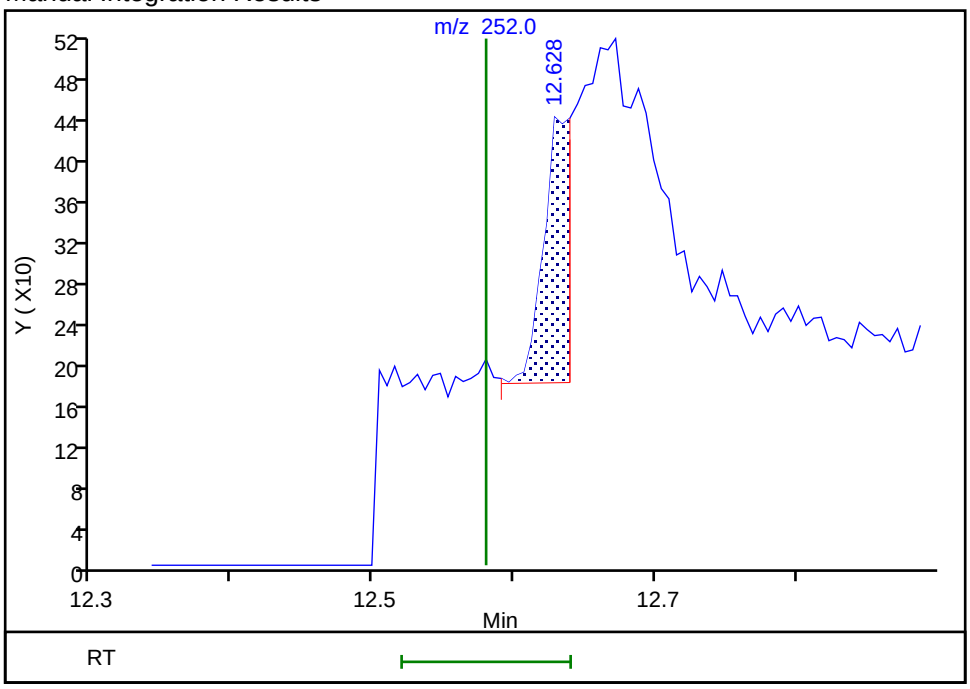
Not Detected
Expected RT: 12.58

Processing Integration Results



Manual Integration Results

RT: 12.63
Area: 313
Amount: 3.022599
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:52:39
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

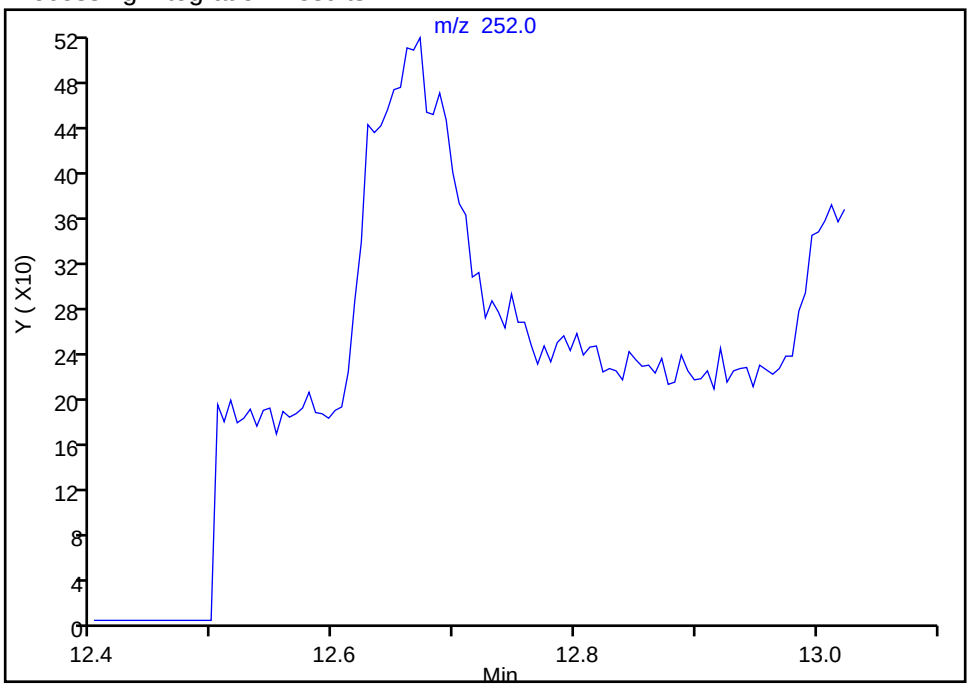
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D
Injection Date: 05-Oct-2021 23:04:30 Instrument ID: SEA101
Lims ID: std1
Client ID:
Operator ID: TL ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

26 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

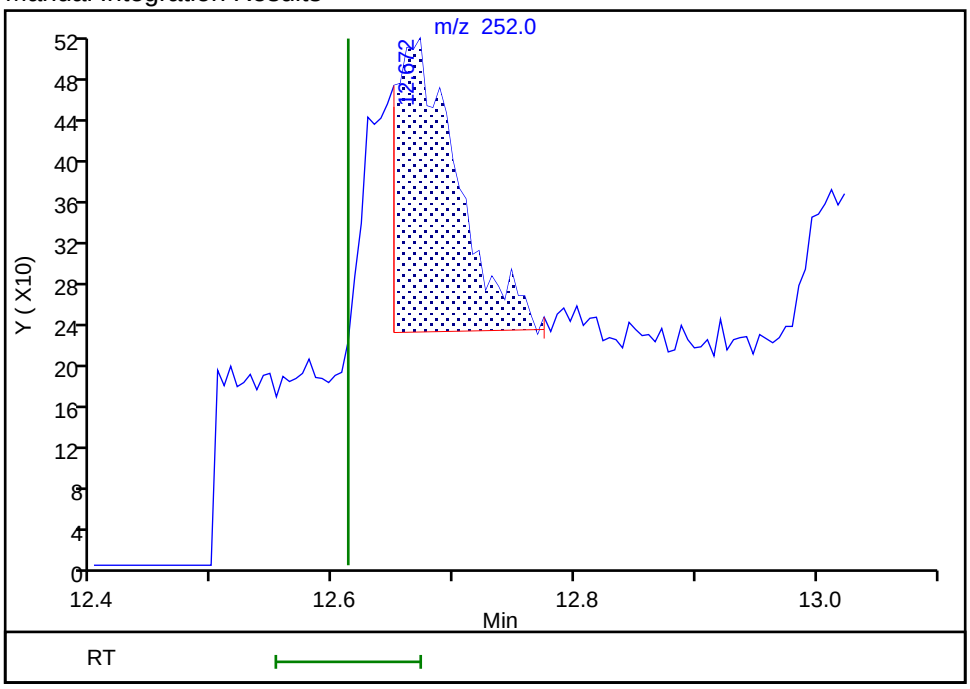
Not Detected
Expected RT: 12.61

Processing Integration Results



Manual Integration Results

RT: 12.67
Area: 971
Amount: -0.311213
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:53:31
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

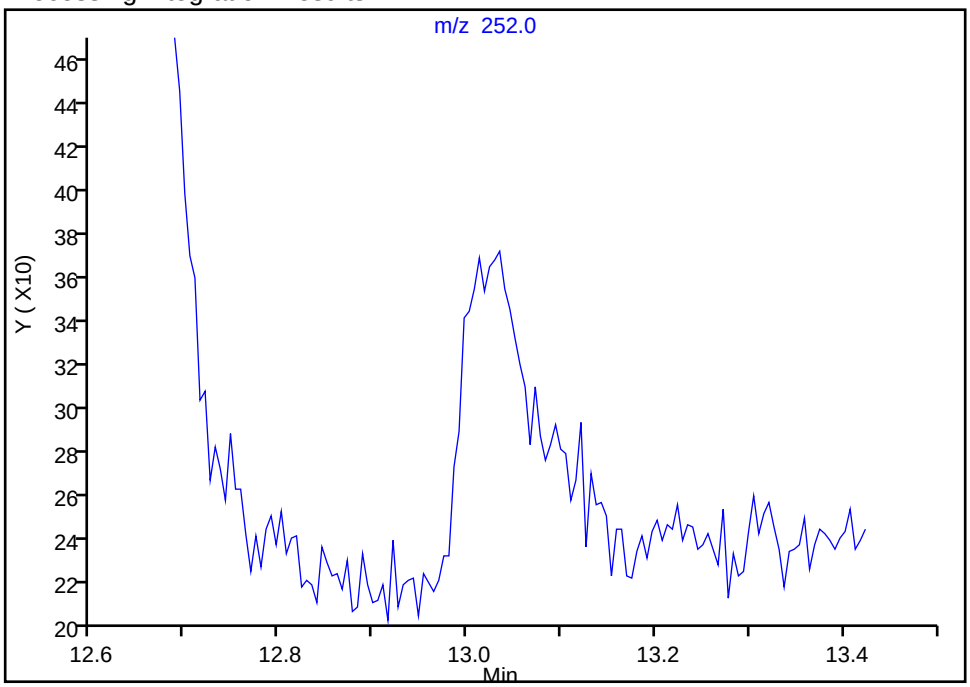
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D
Injection Date: 05-Oct-2021 23:04:30 Instrument ID: SEA101
Lims ID: std1
Client ID:
Operator ID: TL ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

27 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

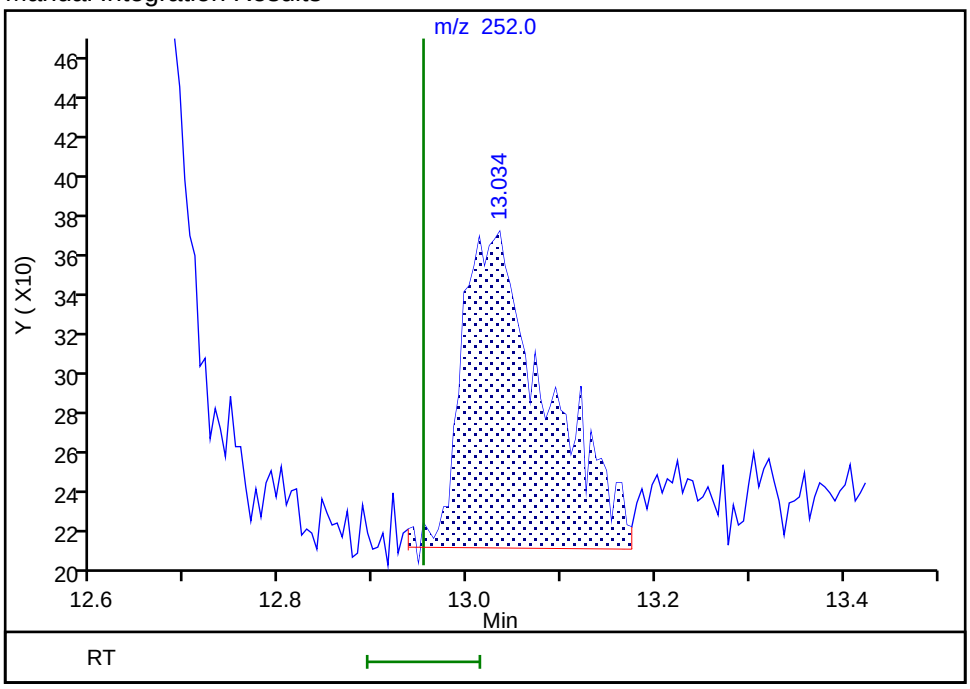
Not Detected
Expected RT: 12.95

Processing Integration Results



Manual Integration Results

RT: 13.03
Area: 987
Amount: 3.022476
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:53:43
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

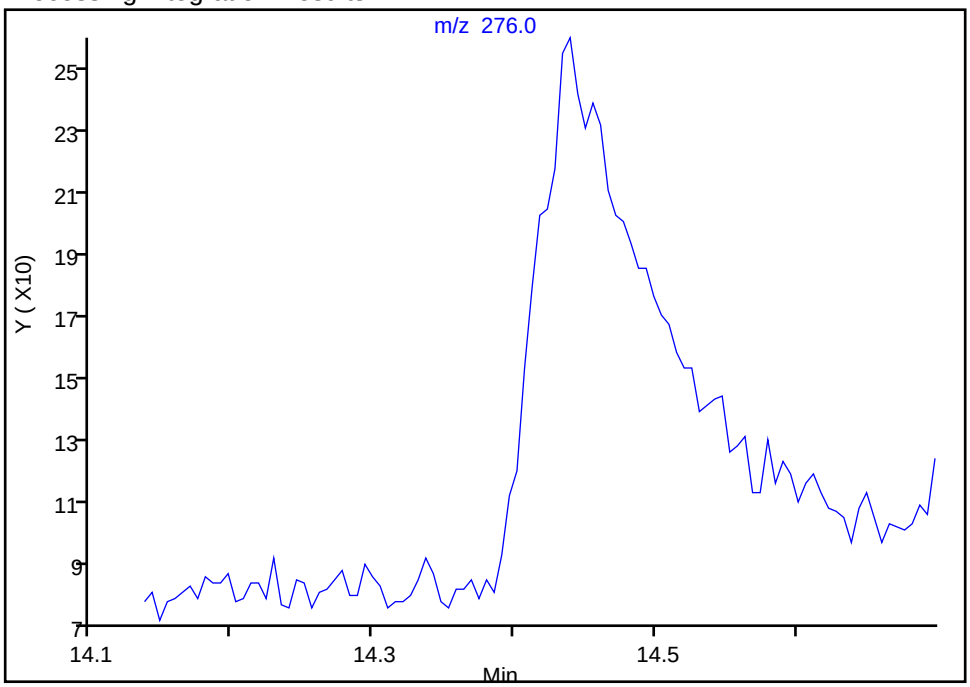
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D				
Injection Date:	05-Oct-2021 23:04:30	Instrument ID:	SEA101		
Lims ID:	std1				
Client ID:					
Operator ID:	TL	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

28 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

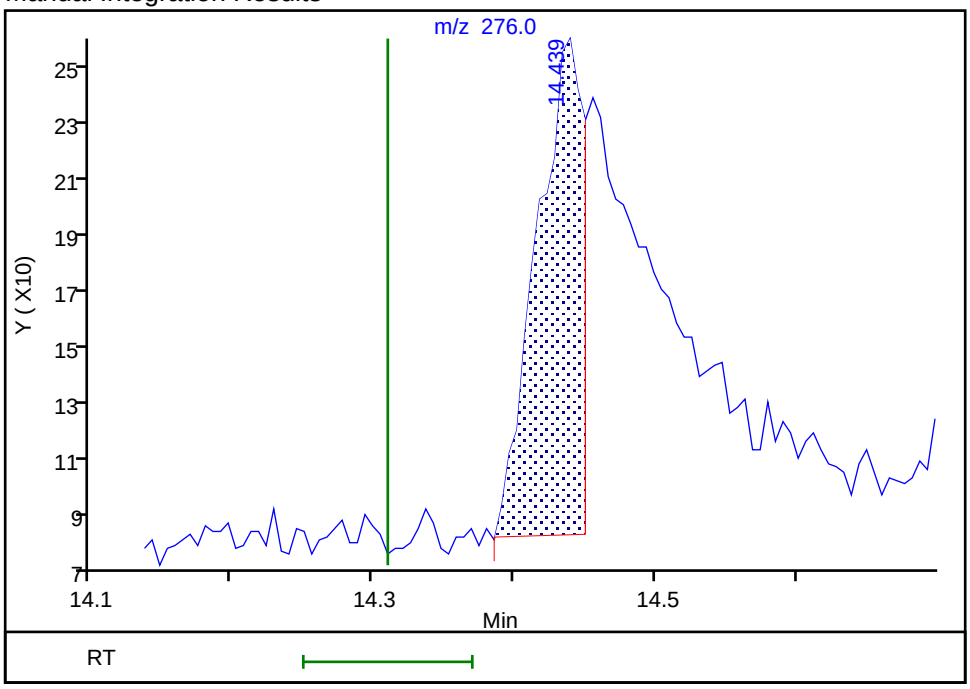
Not Detected
Expected RT: 14.31

Processing Integration Results



Manual Integration Results

RT: 14.44
Area: 388
Amount: 1.452984
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:53:57
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

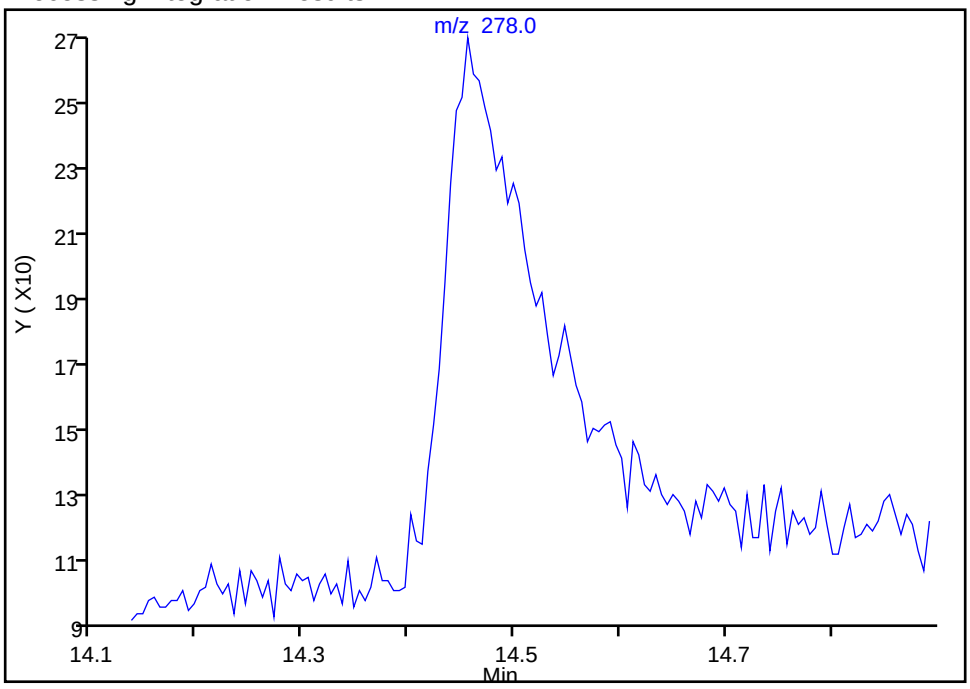
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D
Injection Date: 05-Oct-2021 23:04:30 Instrument ID: SEA101
Lims ID: std1
Client ID:
Operator ID: TL ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

29 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

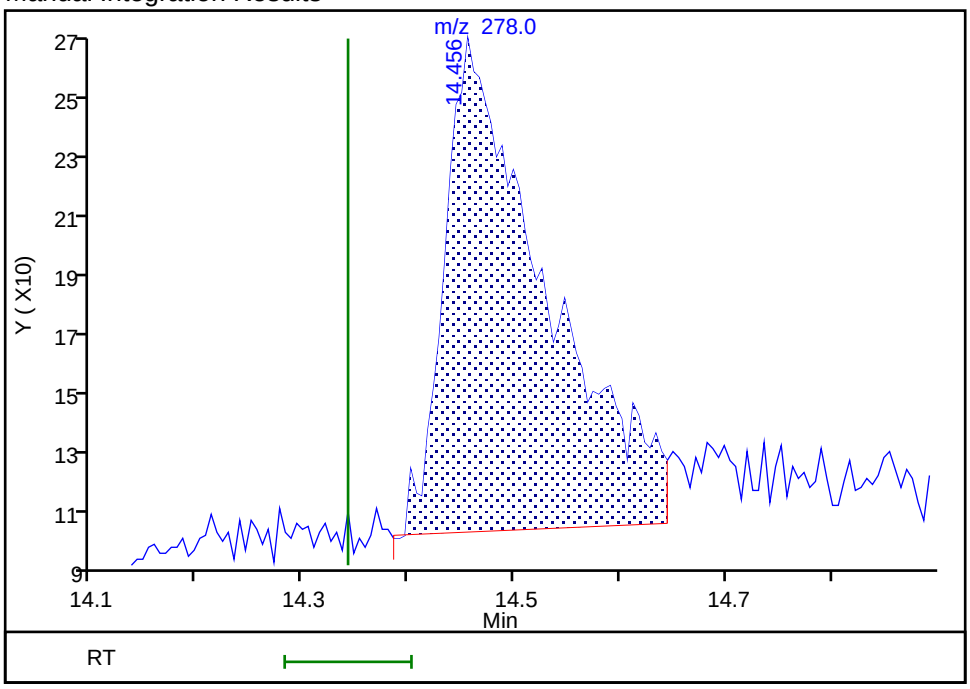
Not Detected
Expected RT: 14.34

Processing Integration Results



Manual Integration Results

RT: 14.46
Area: 1094
Amount: 1.154125
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:54:03
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

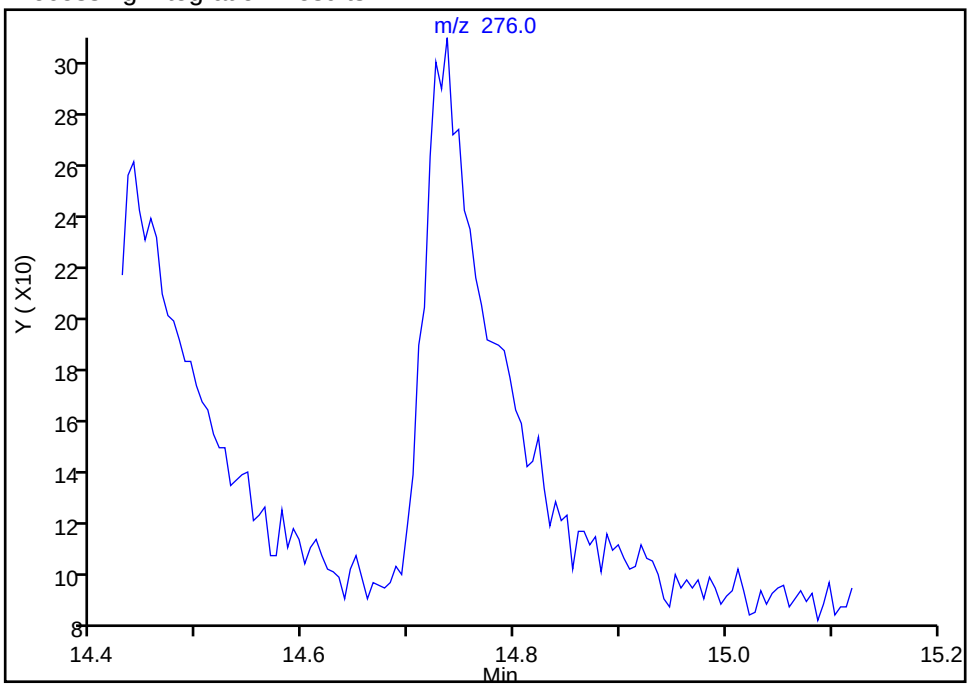
Data File:	\\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D				
Injection Date:	05-Oct-2021 23:04:30	Instrument ID:	SEA101		
Lims ID:	std1				
Client ID:					
Operator ID:	TL	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

30 Benzo[g,h,i]perylene, CAS: 191-24-2

Signal: 1

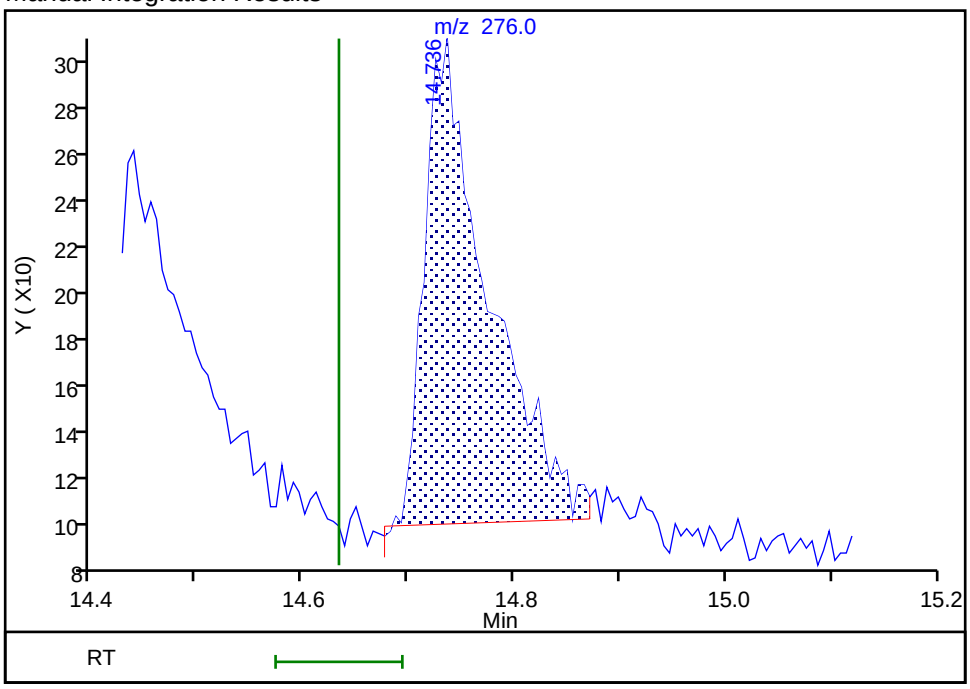
Not Detected
Expected RT: 14.63

Processing Integration Results



Manual Integration Results

RT: 14.74
Area: 830
Amount: 2.111964
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 10:57:22
Audit Action: Manually Integrated Audit Reason: Baseline

Calibration / Naphthalene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

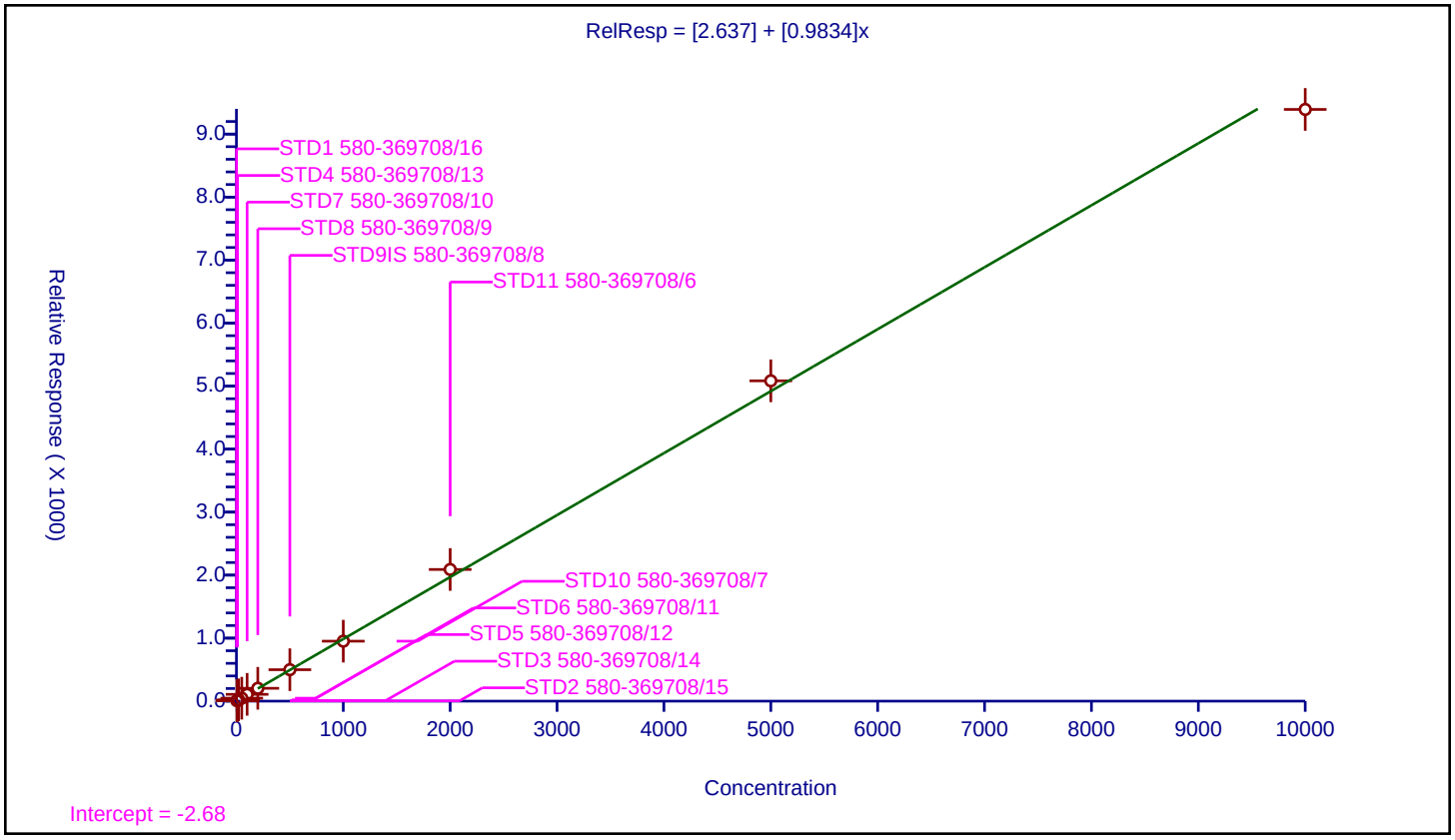
Curve Coefficients

Intercept:	2.637
Slope:	0.9834

Error Coefficients

Standard Error:	2700000
Relative Standard Error:	7.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	5.049199	100.0	37907.0	5.049199	N
2	STD2 580-369708/15	2.0	4.395038	100.0	50466.0	2.197519	N
3	STD3 580-369708/14	5.0	7.457312	100.0	49428.0	1.491462	Y
4	STD4 580-369708/13	10.0	13.451184	100.0	39372.0	1.345118	Y
5	STD5 580-369708/12	20.0	20.384342	100.0	56200.0	1.019217	Y
6	STD6 580-369708/11	50.0	46.864246	100.0	56956.0	0.937285	Y
7	STD7 580-369708/10	100.0	107.942725	100.0	63832.0	1.079427	Y
8	STD8 580-369708/9	200.0	203.763075	100.0	67684.0	1.018815	Y
9	STD9IS 580-369708/8	500.0	499.151173	100.0	73042.0	0.998302	Y
10	STD10 580-369708/7	1000.0	951.915642	100.0	80182.0	0.951916	Y
11	STD11 580-369708/6	2000.0	2089.854913	100.0	72508.0	1.044927	Y
12	STD12 580-369708/5	5000.0	5084.118284	100.0	73890.0	1.016824	Y
13	STD13 580-369708/4	10000.0	9391.418192	100.0	74320.0	0.939142	Y



Calibration / 2-methylnaphthalene-d10

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

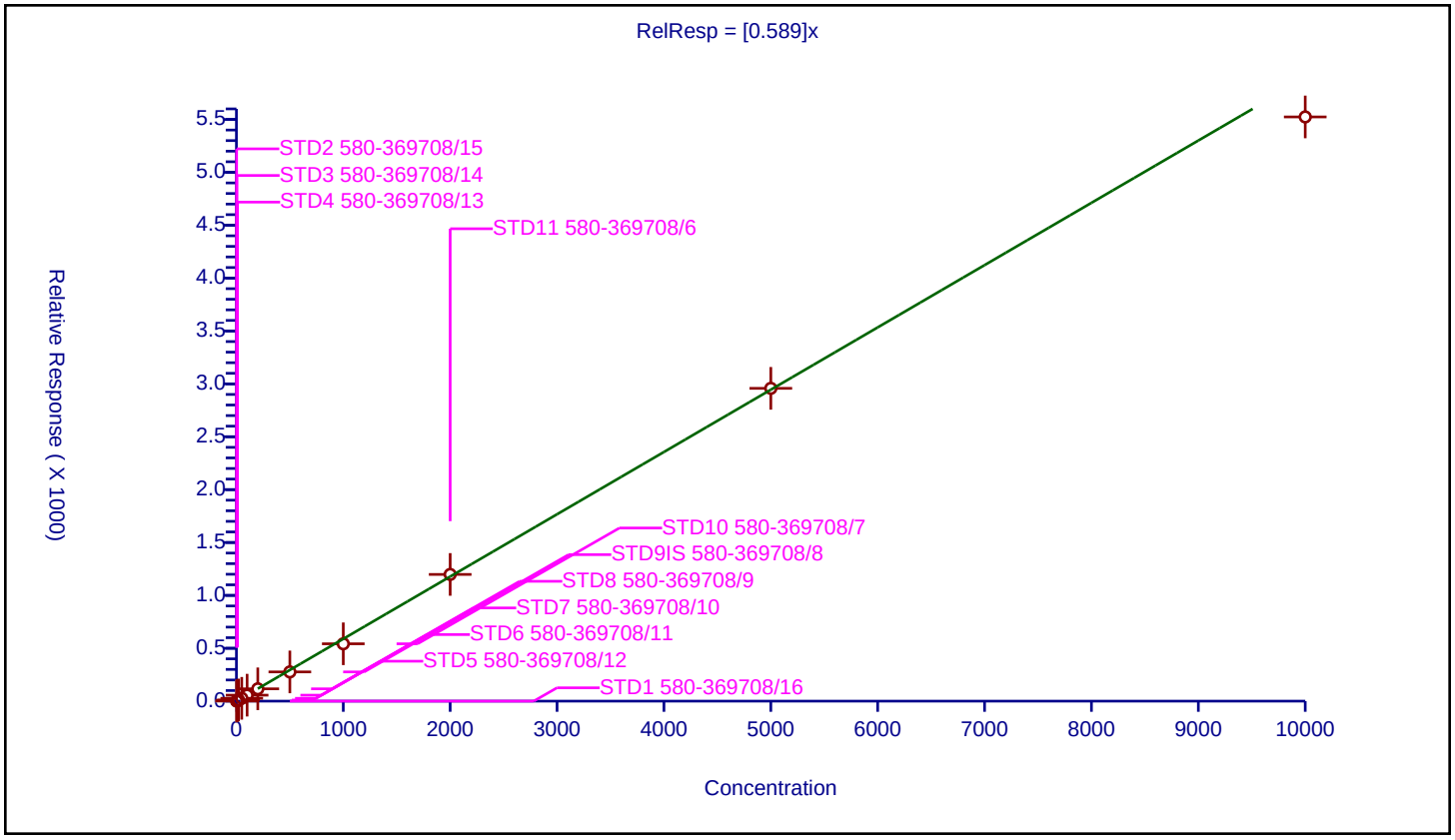
Curve Coefficients

Intercept:	0
Slope:	0.589

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	10.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	0.0	100.0	37907.0	0.0	N
2	STD2 580-369708/15	2.0	1.284033	100.0	50466.0	0.642016	Y
3	STD3 580-369708/14	5.0	3.077203	100.0	49428.0	0.615441	Y
4	STD4 580-369708/13	10.0	7.561211	100.0	39372.0	0.756121	Y
5	STD5 580-369708/12	20.0	10.647687	100.0	56200.0	0.532384	Y
6	STD6 580-369708/11	50.0	26.857574	100.0	56956.0	0.537151	Y
7	STD7 580-369708/10	100.0	56.45131	100.0	63832.0	0.564513	Y
8	STD8 580-369708/9	200.0	116.368713	100.0	67684.0	0.581844	Y
9	STD9IS 580-369708/8	500.0	276.41357	100.0	73042.0	0.552827	Y
10	STD10 580-369708/7	1000.0	542.35614	100.0	80182.0	0.542356	Y
11	STD11 580-369708/6	2000.0	1198.120207	100.0	72508.0	0.59906	Y
12	STD12 580-369708/5	5000.0	2957.634321	100.0	73890.0	0.591527	Y
13	STD13 580-369708/4	10000.0	5523.954521	100.0	74320.0	0.552395	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

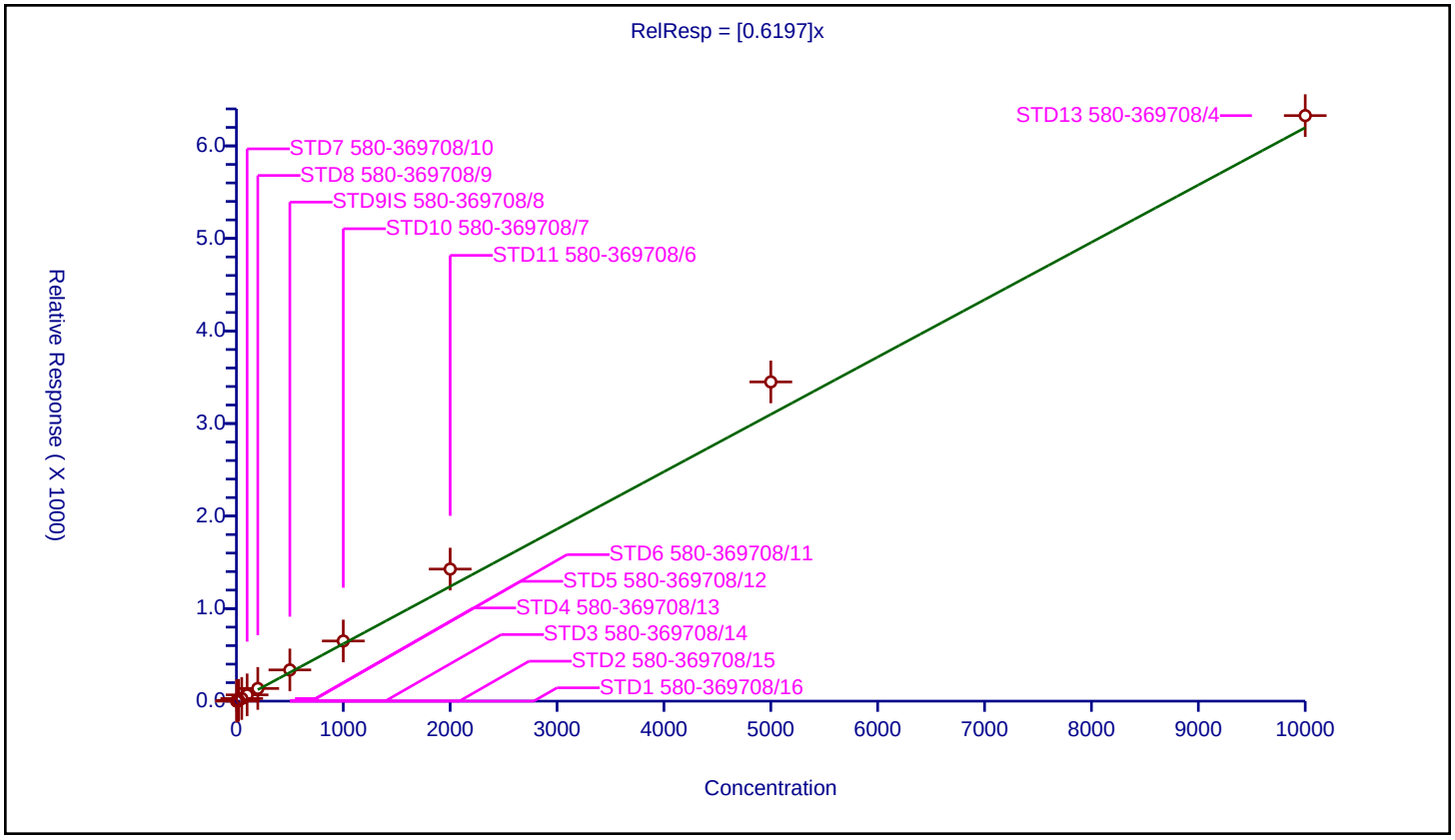
Curve Coefficients

Intercept:	0
Slope:	0.6197

Error Coefficients

Standard Error:	1650000
Relative Standard Error:	13.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	0.0	100.0	37907.0	0.0	N
2	STD2 580-369708/15	2.0	1.232513	100.0	50466.0	0.616256	Y
3	STD3 580-369708/14	5.0	2.646273	100.0	49428.0	0.529255	Y
4	STD4 580-369708/13	10.0	5.686782	100.0	39372.0	0.568678	Y
5	STD5 580-369708/12	20.0	8.590747	100.0	56200.0	0.429537	Y
6	STD6 580-369708/11	50.0	28.439497	100.0	56956.0	0.56879	Y
7	STD7 580-369708/10	100.0	67.845281	100.0	63832.0	0.678453	Y
8	STD8 580-369708/9	200.0	136.88464	100.0	67684.0	0.684423	Y
9	STD9IS 580-369708/8	500.0	337.581118	100.0	73042.0	0.675162	Y
10	STD10 580-369708/7	1000.0	650.034921	100.0	80182.0	0.650035	Y
11	STD11 580-369708/6	2000.0	1427.235615	100.0	72508.0	0.713618	Y
12	STD12 580-369708/5	5000.0	3449.558804	100.0	73890.0	0.689912	Y
13	STD13 580-369708/4	10000.0	6327.582078	100.0	74320.0	0.632758	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

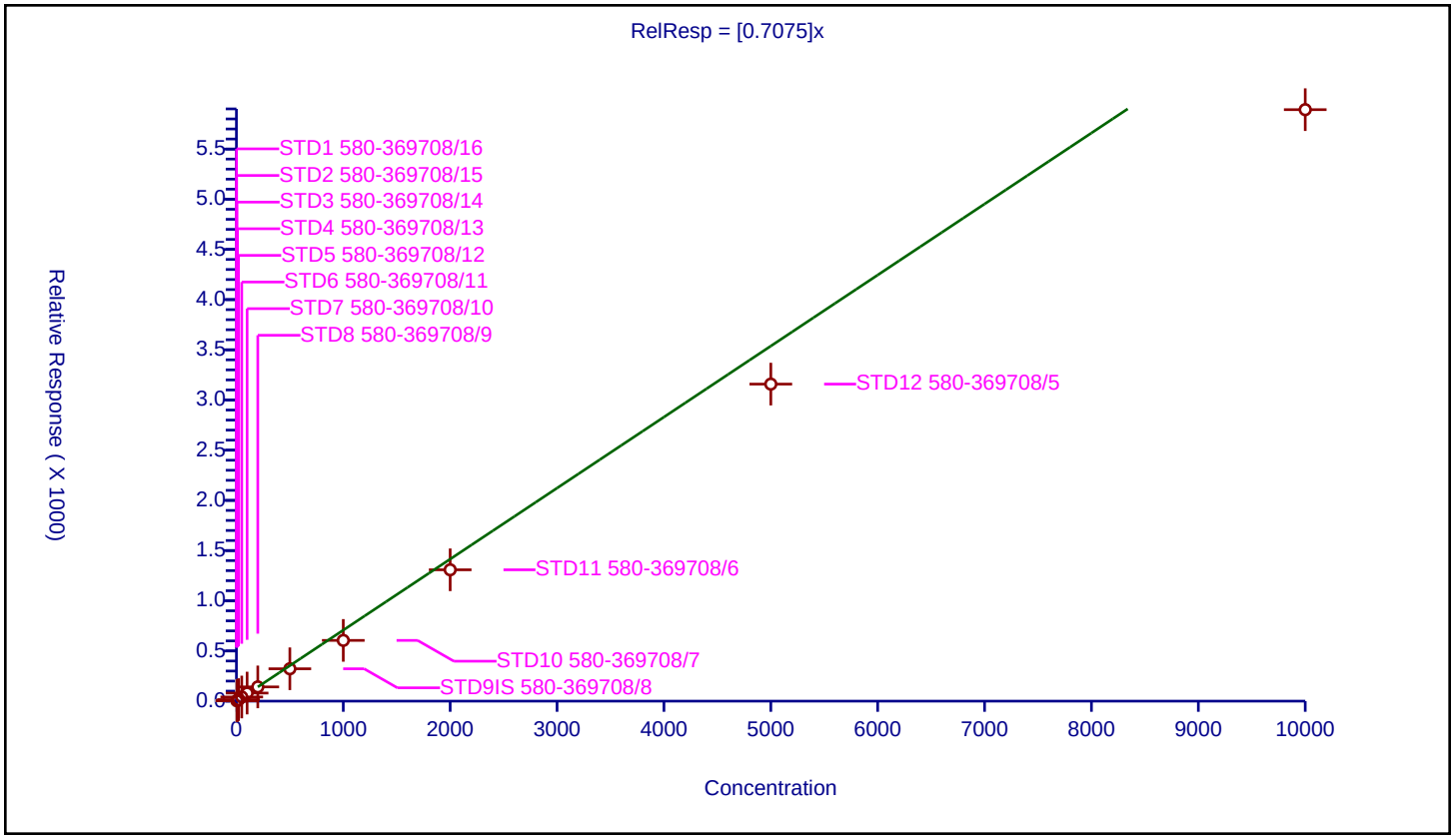
Curve Coefficients

Intercept:	0
Slope:	0.7075

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	12.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	7.528952	100.0	37907.0	7.528952	N
2	STD2 580-369708/15	2.0	2.663179	100.0	50466.0	1.33159	N
3	STD3 580-369708/14	5.0	3.858137	100.0	49428.0	0.771627	Y
4	STD4 580-369708/13	10.0	7.774561	100.0	39372.0	0.777456	Y
5	STD5 580-369708/12	20.0	15.307829	100.0	56200.0	0.765391	Y
6	STD6 580-369708/11	50.0	41.365264	100.0	56956.0	0.827305	Y
7	STD7 580-369708/10	100.0	80.617872	100.0	63832.0	0.806179	Y
8	STD8 580-369708/9	200.0	141.831157	100.0	67684.0	0.709156	Y
9	STD9IS 580-369708/8	500.0	322.496646	100.0	73042.0	0.644993	Y
10	STD10 580-369708/7	1000.0	605.169489	100.0	80182.0	0.605169	Y
11	STD11 580-369708/6	2000.0	1308.571468	100.0	72508.0	0.654286	Y
12	STD12 580-369708/5	5000.0	3158.298823	100.0	73890.0	0.63166	Y
13	STD13 580-369708/4	10000.0	5892.350646	100.0	74320.0	0.589235	Y



Calibration / 2-Fluorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

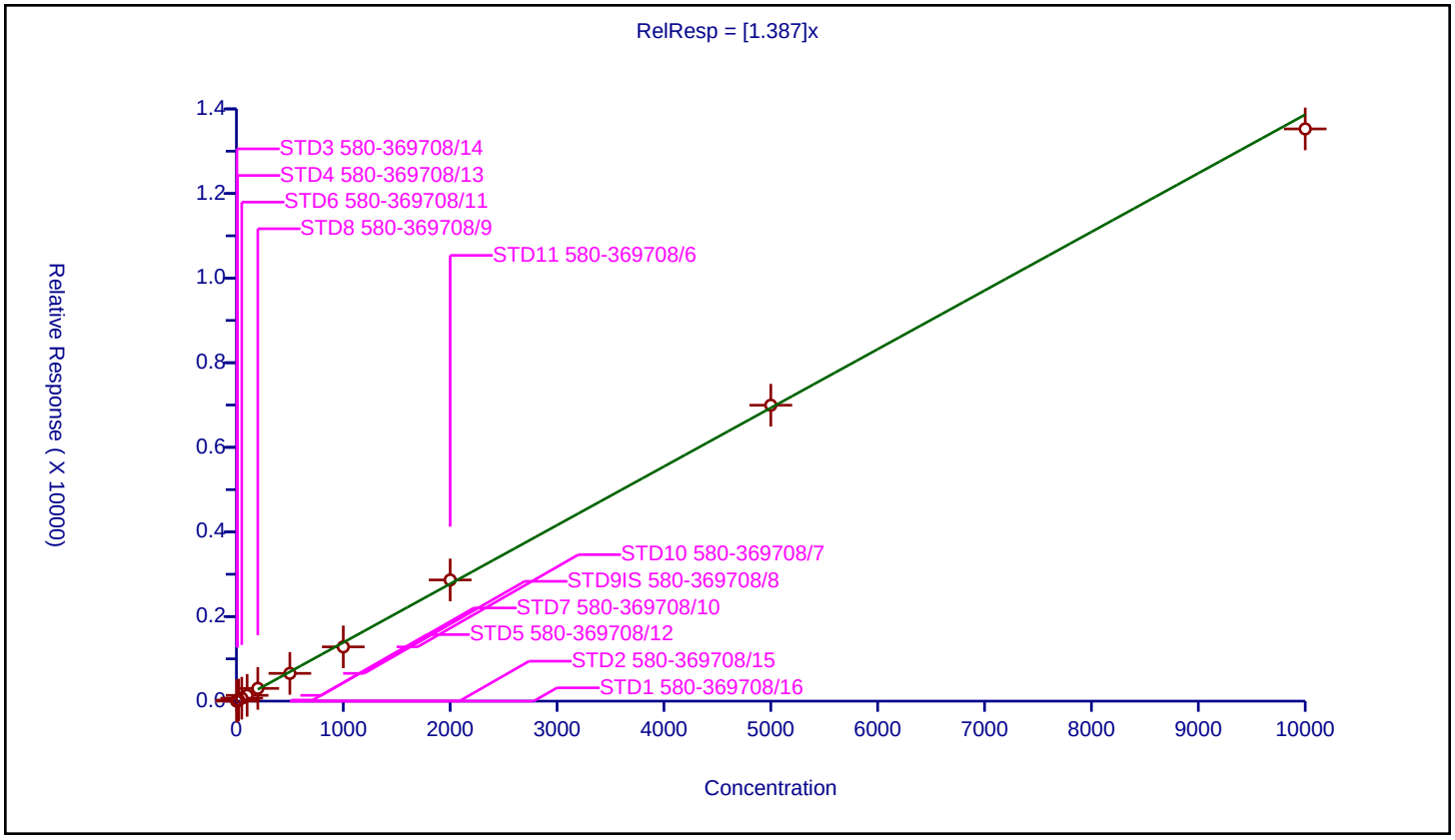
Curve Coefficients

Intercept:	0
Slope:	1.387

Error Coefficients

Standard Error:	1750000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	0.0	100.0	24593.0	0.0	N
2	STD2 580-369708/15	2.0	2.656704	100.0	24090.0	1.328352	Y
3	STD3 580-369708/14	5.0	7.414936	100.0	24599.0	1.482987	Y
4	STD4 580-369708/13	10.0	14.654678	100.0	26135.0	1.465468	Y
5	STD5 580-369708/12	20.0	26.065433	100.0	26867.0	1.303272	Y
6	STD6 580-369708/11	50.0	70.160255	100.0	27269.0	1.403205	Y
7	STD7 580-369708/10	100.0	136.791315	100.0	31502.0	1.367913	Y
8	STD8 580-369708/9	200.0	301.500613	100.0	31787.0	1.507503	Y
9	STD9IS 580-369708/8	500.0	656.269731	100.0	36110.0	1.312539	Y
10	STD10 580-369708/7	1000.0	1282.747255	100.0	40353.0	1.282747	Y
11	STD11 580-369708/6	2000.0	2864.881358	100.0	36707.0	1.432441	Y
12	STD12 580-369708/5	5000.0	6995.474307	100.0	38182.0	1.399095	Y
13	STD13 580-369708/4	10000.0	13526.829791	100.0	37313.0	1.352683	Y



Calibration / Acenaphthylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

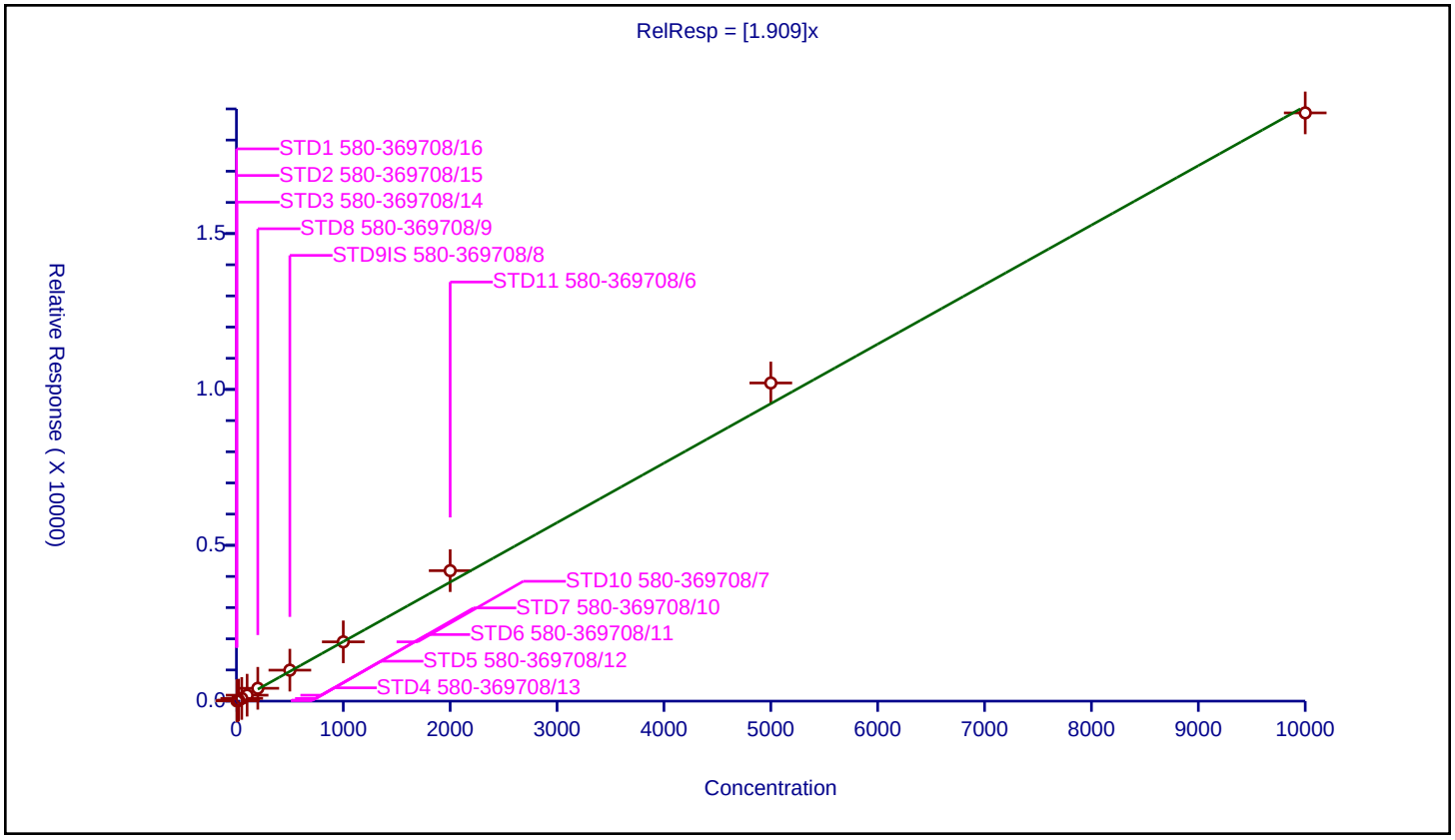
Curve Coefficients

Intercept:	0
Slope:	1.909

Error Coefficients

Standard Error:	2600000
Relative Standard Error:	8.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	5.326719	100.0	24593.0	5.326719	N
2	STD2 580-369708/15	2.0	6.222499	100.0	24090.0	3.111249	N
3	STD3 580-369708/14	5.0	10.313427	100.0	24599.0	2.062685	Y
4	STD4 580-369708/13	10.0	16.762962	100.0	26135.0	1.676296	Y
5	STD5 580-369708/12	20.0	32.977258	100.0	26867.0	1.648863	Y
6	STD6 580-369708/11	50.0	86.515824	100.0	27269.0	1.730316	Y
7	STD7 580-369708/10	100.0	190.784712	100.0	31502.0	1.907847	Y
8	STD8 580-369708/9	200.0	411.919967	100.0	31787.0	2.0596	Y
9	STD9IS 580-369708/8	500.0	994.273055	100.0	36110.0	1.988546	Y
10	STD10 580-369708/7	1000.0	1902.002329	100.0	40353.0	1.902002	Y
11	STD11 580-369708/6	2000.0	4185.100934	100.0	36707.0	2.09255	Y
12	STD12 580-369708/5	5000.0	10207.100204	100.0	38182.0	2.04142	Y
13	STD13 580-369708/4	10000.0	18871.53807	100.0	37313.0	1.887154	Y



Calibration / Acenaphthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

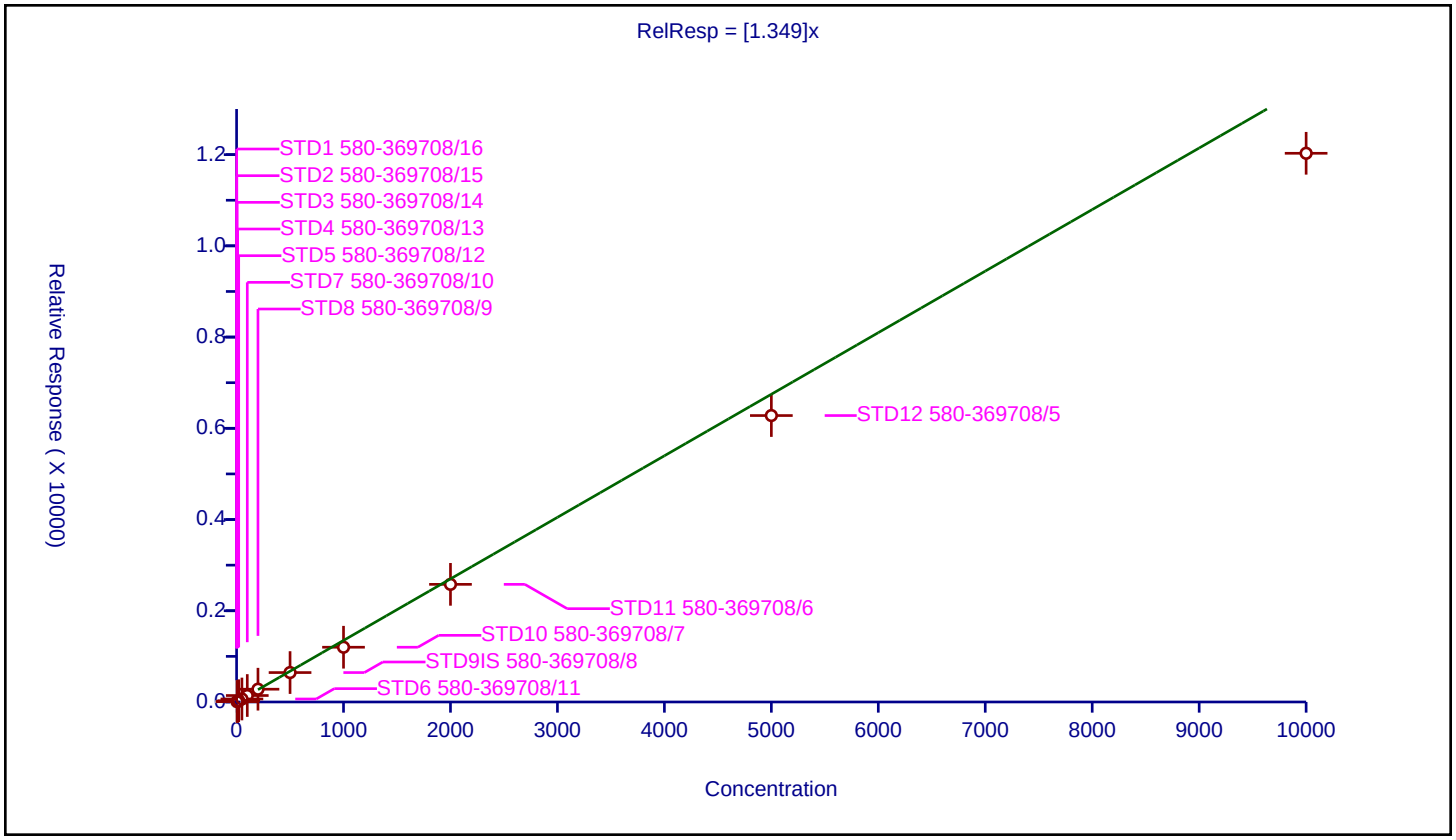
Curve Coefficients

Intercept:	0
Slope:	1.349

Error Coefficients

Standard Error:	1640000
Relative Standard Error:	9.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	4.997357	100.0	24593.0	4.997357	N
2	STD2 580-369708/15	2.0	6.633458	100.0	24090.0	3.316729	N
3	STD3 580-369708/14	5.0	8.240172	100.0	24599.0	1.648034	Y
4	STD4 580-369708/13	10.0	14.371532	100.0	26135.0	1.437153	Y
5	STD5 580-369708/12	20.0	27.714296	100.0	26867.0	1.385715	Y
6	STD6 580-369708/11	50.0	65.807327	100.0	27269.0	1.316147	Y
7	STD7 580-369708/10	100.0	141.587836	100.0	31502.0	1.415878	Y
8	STD8 580-369708/9	200.0	280.237204	100.0	31787.0	1.401186	Y
9	STD9IS 580-369708/8	500.0	645.317087	100.0	36110.0	1.290634	Y
10	STD10 580-369708/7	1000.0	1200.599708	100.0	40353.0	1.2006	Y
11	STD11 580-369708/6	2000.0	2578.85417	100.0	36707.0	1.289427	Y
12	STD12 580-369708/5	5000.0	6279.534859	100.0	38182.0	1.255907	Y
13	STD13 580-369708/4	10000.0	12029.622384	100.0	37313.0	1.202962	Y



Calibration / Fluorene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

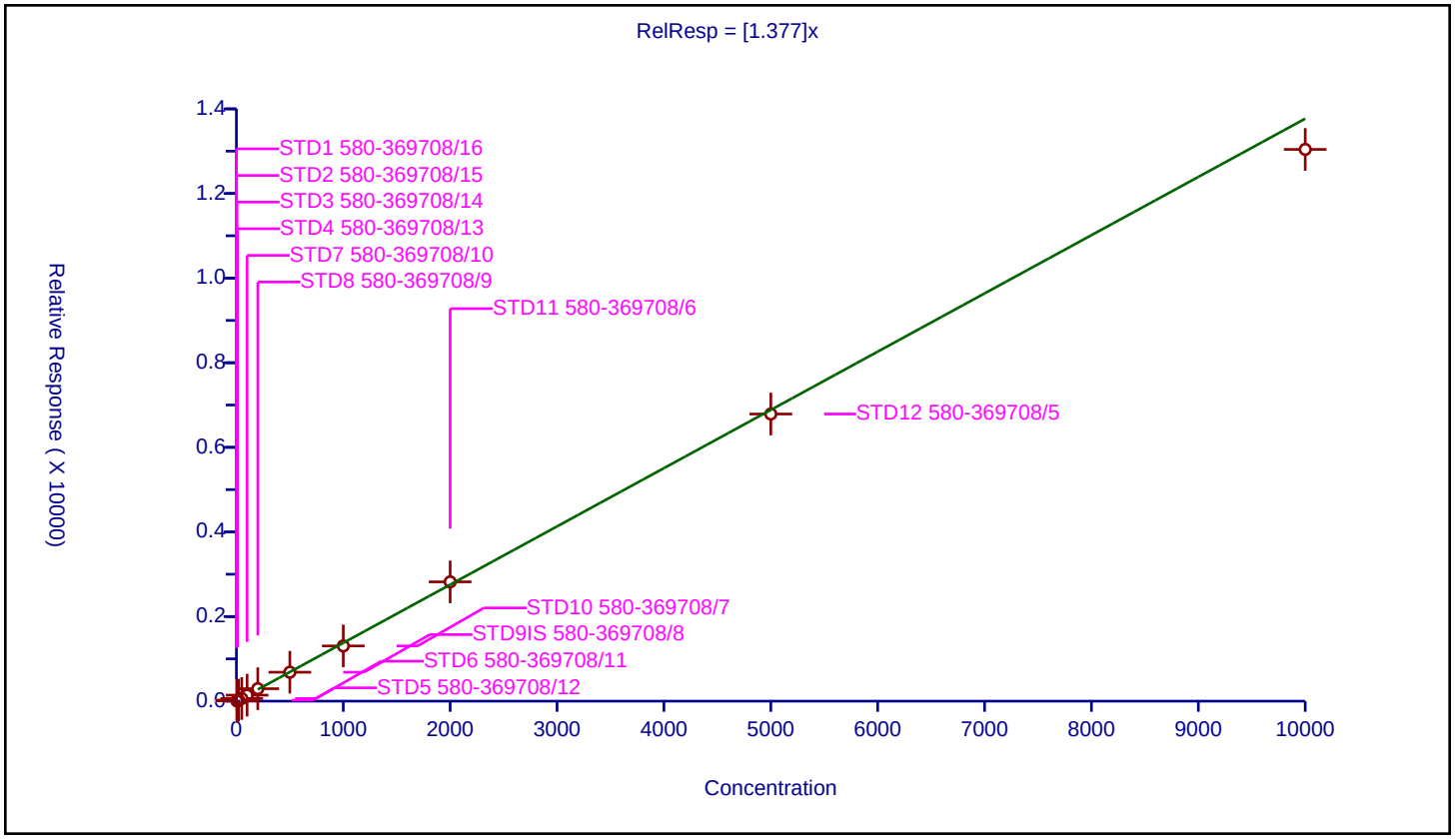
Curve Coefficients

Intercept:	0
Slope:	1.377

Error Coefficients

Standard Error:	1780000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	5.412109	100.0	24593.0	5.412109	N
2	STD2 580-369708/15	2.0	5.844749	100.0	24090.0	2.922374	N
3	STD3 580-369708/14	5.0	8.045042	100.0	24599.0	1.609008	Y
4	STD4 580-369708/13	10.0	14.532236	100.0	26135.0	1.453224	Y
5	STD5 580-369708/12	20.0	24.059255	100.0	26867.0	1.202963	Y
6	STD6 580-369708/11	50.0	62.041146	100.0	27269.0	1.240823	Y
7	STD7 580-369708/10	100.0	142.130658	100.0	31502.0	1.421307	Y
8	STD8 580-369708/9	200.0	294.595275	100.0	31787.0	1.472976	Y
9	STD9IS 580-369708/8	500.0	684.297978	100.0	36110.0	1.368596	Y
10	STD10 580-369708/7	1000.0	1305.030605	100.0	40353.0	1.305031	Y
11	STD11 580-369708/6	2000.0	2819.911733	100.0	36707.0	1.409956	Y
12	STD12 580-369708/5	5000.0	6787.137918	100.0	38182.0	1.357428	Y
13	STD13 580-369708/4	10000.0	13041.883526	100.0	37313.0	1.304188	Y



Calibration / 2,4,6-Tribromophenol

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

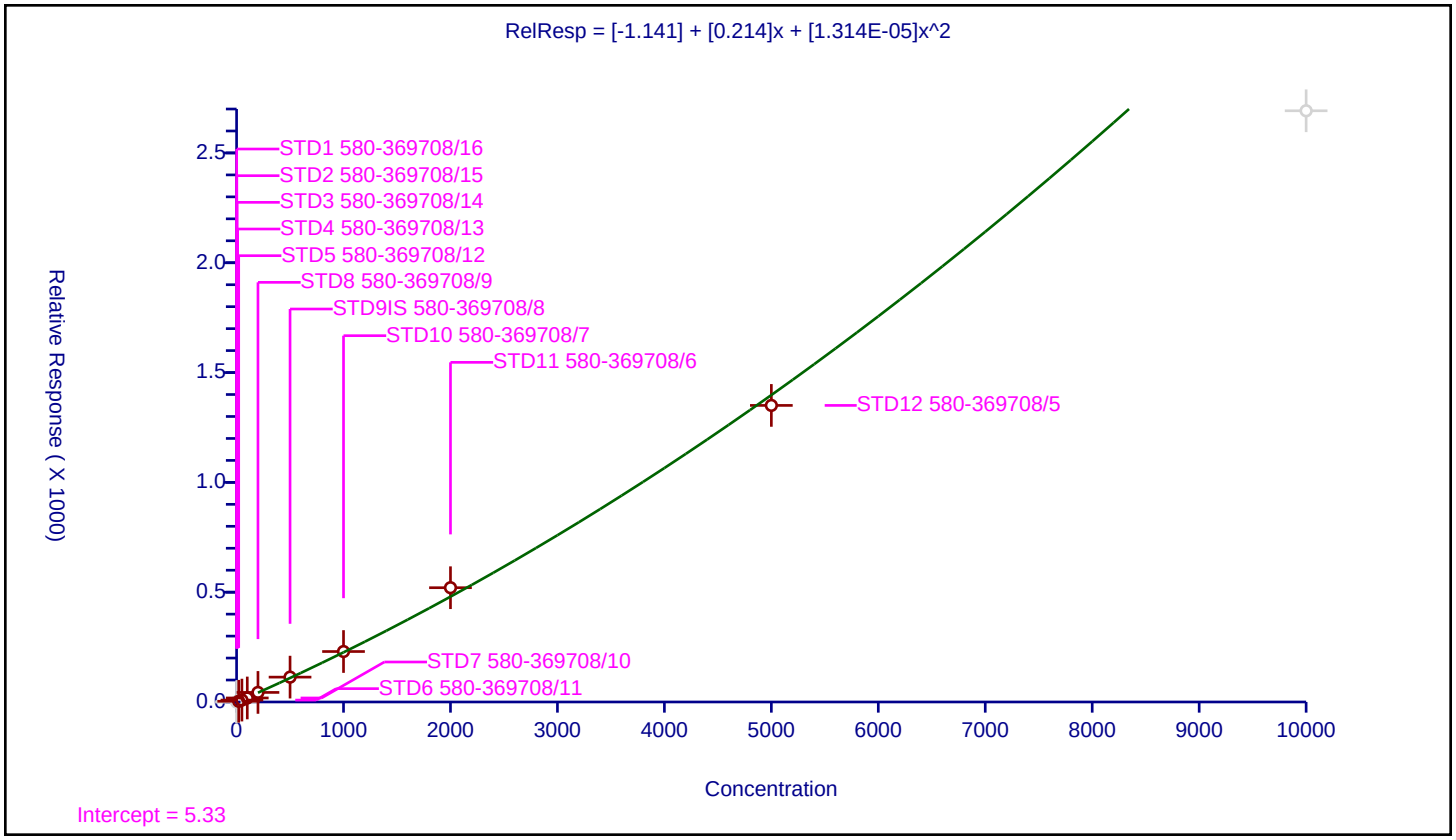
Curve Coefficients

Intercept:	-1.141
Slope:	0.214
Second Order:	1.314E-05

Error Coefficients

Standard Error:	249000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	0.0	100.0	24593.0	0.0	N
2	STD2 580-369708/15	2.0	0.402657	100.0	24090.0	0.201328	N
3	STD3 580-369708/14	5.0	0.930932	100.0	24599.0	0.186186	N
4	STD4 580-369708/13	10.0	1.599388	100.0	26135.0	0.159939	N
5	STD5 580-369708/12	20.0	3.357278	100.0	26867.0	0.167864	Y
6	STD6 580-369708/11	50.0	8.647182	100.0	27269.0	0.172944	Y
7	STD7 580-369708/10	100.0	18.233763	100.0	31502.0	0.182338	Y
8	STD8 580-369708/9	200.0	43.587001	100.0	31787.0	0.217935	Y
9	STD9IS 580-369708/8	500.0	113.262254	100.0	36110.0	0.226525	Y
10	STD10 580-369708/7	1000.0	229.799519	100.0	40353.0	0.2298	Y
11	STD11 580-369708/6	2000.0	520.363963	100.0	36707.0	0.260182	Y
12	STD12 580-369708/5	5000.0	1350.426903	100.0	38182.0	0.270085	Y
13	STD13 580-369708/4	10000.0	2692.040308	100.0	37313.0	0.269204	N



Calibration / Pentachlorophenol

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

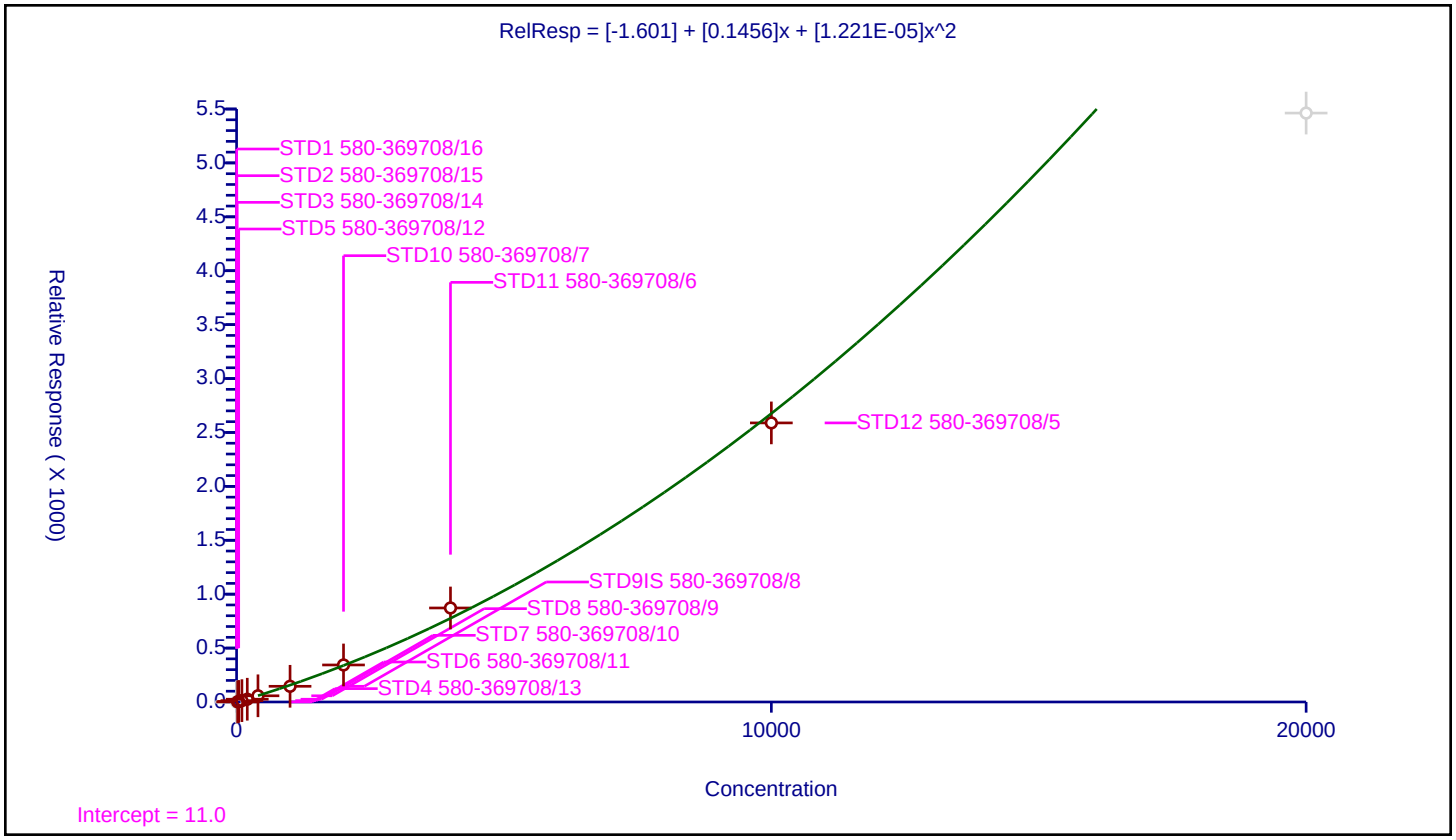
Curve Coefficients

Intercept:	-1.601
Slope:	0.1456
Second Order:	1.221E-05

Error Coefficients

Standard Error:	427000
Relative Standard Error:	9.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	2.0	0.0	100.0	24593.0	0.0	N
2	STD2 580-369708/15	4.0	0.0	100.0	24090.0	0.0	N
3	STD3 580-369708/14	10.0	0.0	100.0	24599.0	0.0	N
4	STD4 580-369708/13	20.0	1.147886	100.0	26135.0	0.057394	Y
5	STD5 580-369708/12	40.0	5.125247	100.0	26867.0	0.128131	Y
6	STD6 580-369708/11	100.0	12.442701	100.0	27269.0	0.124427	Y
7	STD7 580-369708/10	200.0	25.617421	100.0	31502.0	0.128087	Y
8	STD8 580-369708/9	400.0	57.554975	100.0	31787.0	0.143887	Y
9	STD9IS 580-369708/8	1000.0	145.494323	100.0	36110.0	0.145494	Y
10	STD10 580-369708/7	2000.0	343.466409	100.0	40353.0	0.171733	Y
11	STD11 580-369708/6	4000.0	871.934508	100.0	36707.0	0.217984	Y
12	STD12 580-369708/5	10000.0	2588.636006	100.0	38182.0	0.258864	Y
13	STD13 580-369708/4	20000.0	5462.506365	100.0	37313.0	0.273125	N



Calibration / Phenanthrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

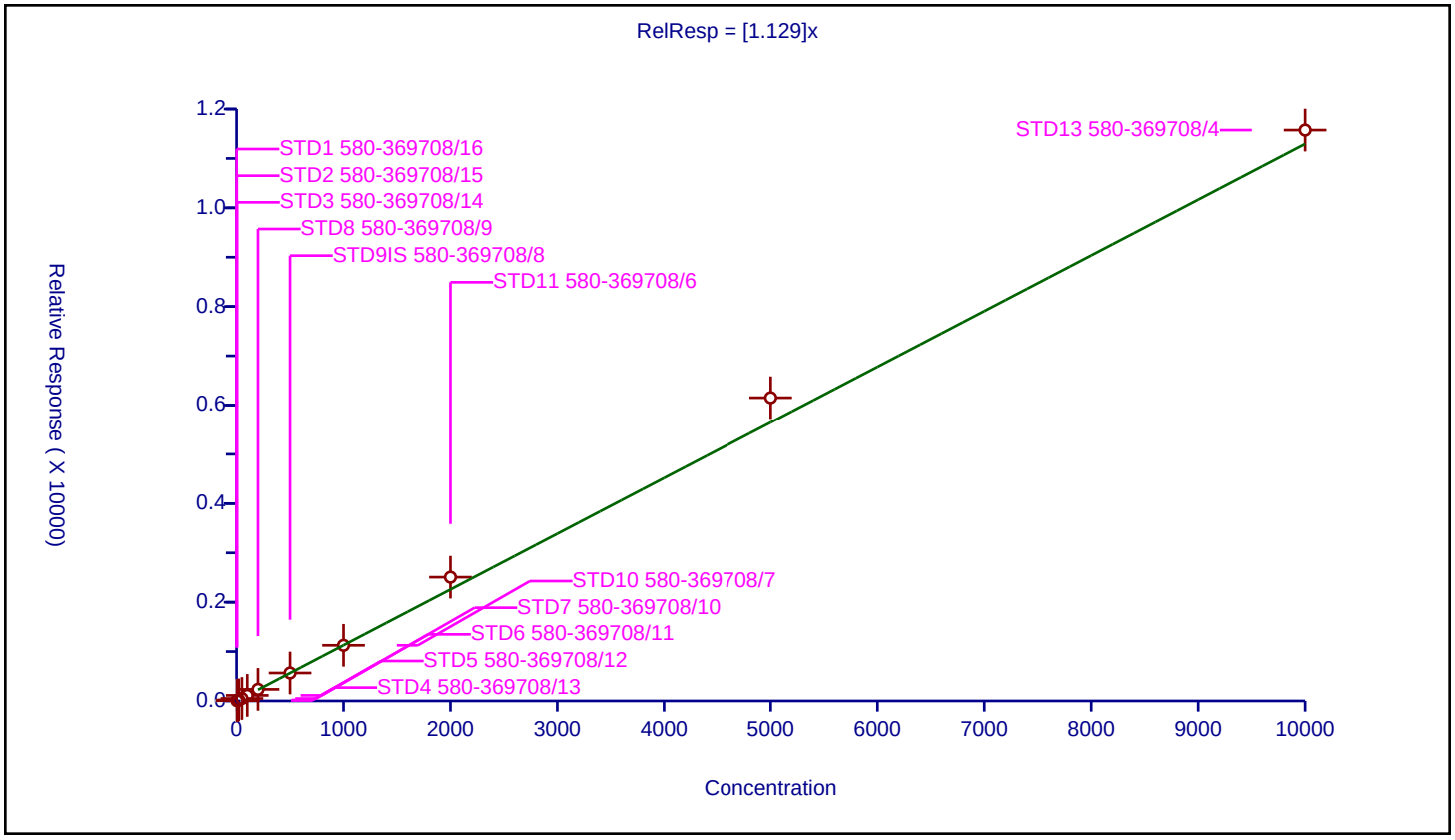
Curve Coefficients

Intercept:	0
Slope:	1.129

Error Coefficients

Standard Error:	2550000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	4.115652	100.0	34794.0	4.115652	N
2	STD2 580-369708/15	2.0	4.096757	100.0	36297.0	2.048379	N
3	STD3 580-369708/14	5.0	6.009517	100.0	36775.0	1.201903	Y
4	STD4 580-369708/13	10.0	9.644068	100.0	41300.0	0.964407	Y
5	STD5 580-369708/12	20.0	21.243083	100.0	36506.0	1.062154	Y
6	STD6 580-369708/11	50.0	49.775171	100.0	40920.0	0.995503	Y
7	STD7 580-369708/10	100.0	112.589498	100.0	49303.0	1.125895	Y
8	STD8 580-369708/9	200.0	234.663885	100.0	52735.0	1.173319	Y
9	STD9IS 580-369708/8	500.0	566.133066	100.0	58783.0	1.132266	Y
10	STD10 580-369708/7	1000.0	1127.292843	100.0	64625.0	1.127293	Y
11	STD11 580-369708/6	2000.0	2507.72489	100.0	57606.0	1.253862	Y
12	STD12 580-369708/5	5000.0	6150.382571	100.0	60773.0	1.230077	Y
13	STD13 580-369708/4	10000.0	11574.2752	100.0	60327.0	1.157428	Y



Calibration / Anthracene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

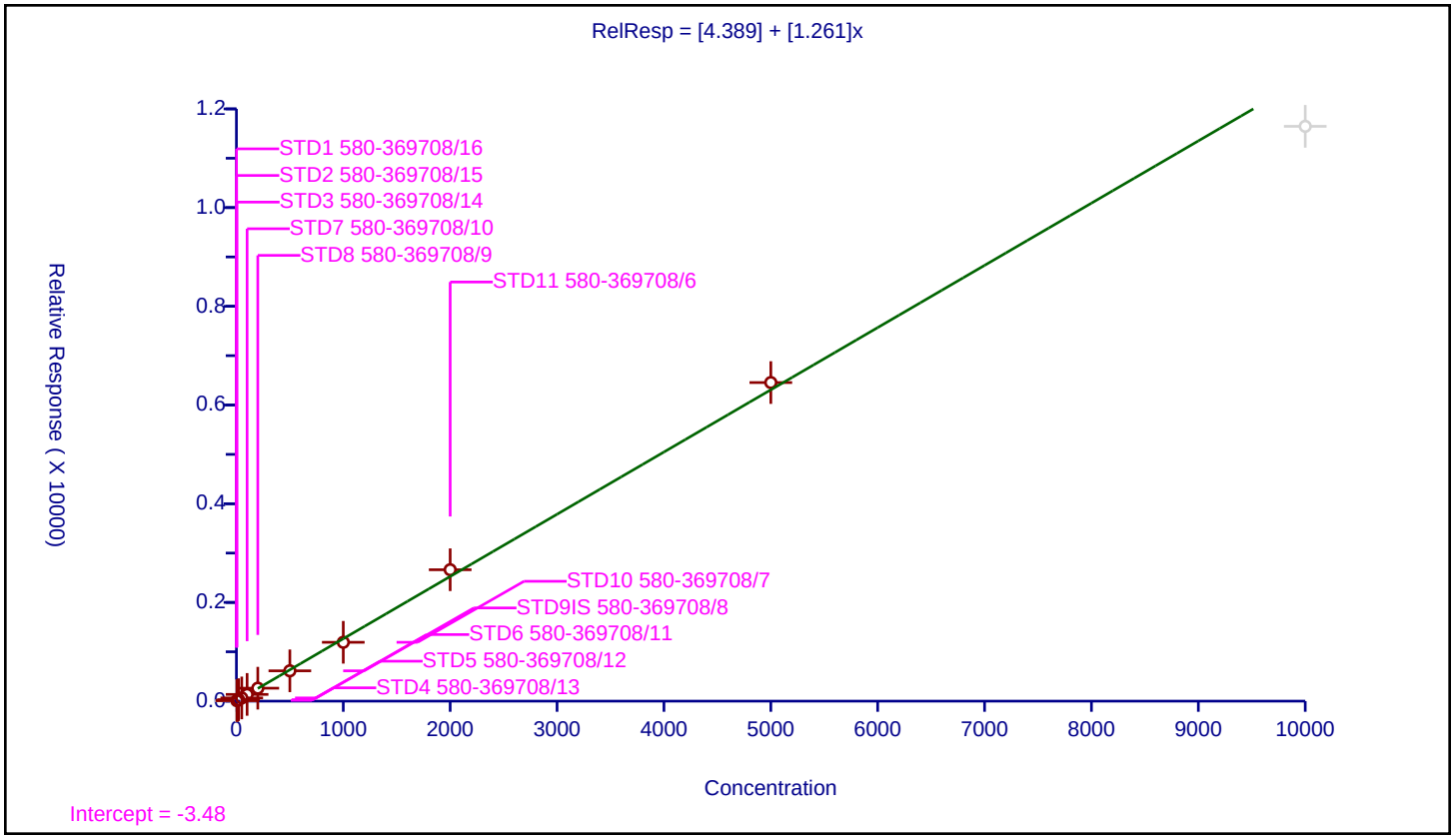
Curve Coefficients

Intercept:	4.389
Slope:	1.261

Error Coefficients

Standard Error:	1520000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	6.199345	100.0	34794.0	6.199345	N
2	STD2 580-369708/15	2.0	7.424856	100.0	36297.0	3.712428	N
3	STD3 580-369708/14	5.0	10.814412	100.0	36775.0	2.162882	Y
4	STD4 580-369708/13	10.0	16.561743	100.0	41300.0	1.656174	Y
5	STD5 580-369708/12	20.0	29.523914	100.0	36506.0	1.476196	Y
6	STD6 580-369708/11	50.0	65.107527	100.0	40920.0	1.302151	Y
7	STD7 580-369708/10	100.0	135.993753	100.0	49303.0	1.359938	Y
8	STD8 580-369708/9	200.0	262.554281	100.0	52735.0	1.312771	Y
9	STD9IS 580-369708/8	500.0	614.374904	100.0	58783.0	1.22875	Y
10	STD10 580-369708/7	1000.0	1192.355899	100.0	64625.0	1.192356	Y
11	STD11 580-369708/6	2000.0	2662.246988	100.0	57606.0	1.331123	Y
12	STD12 580-369708/5	5000.0	6455.134682	100.0	60773.0	1.291027	Y
13	STD13 580-369708/4	10000.0	11646.38719	100.0	60327.0	1.164639	N



Calibration / Fluoranthene-d10 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

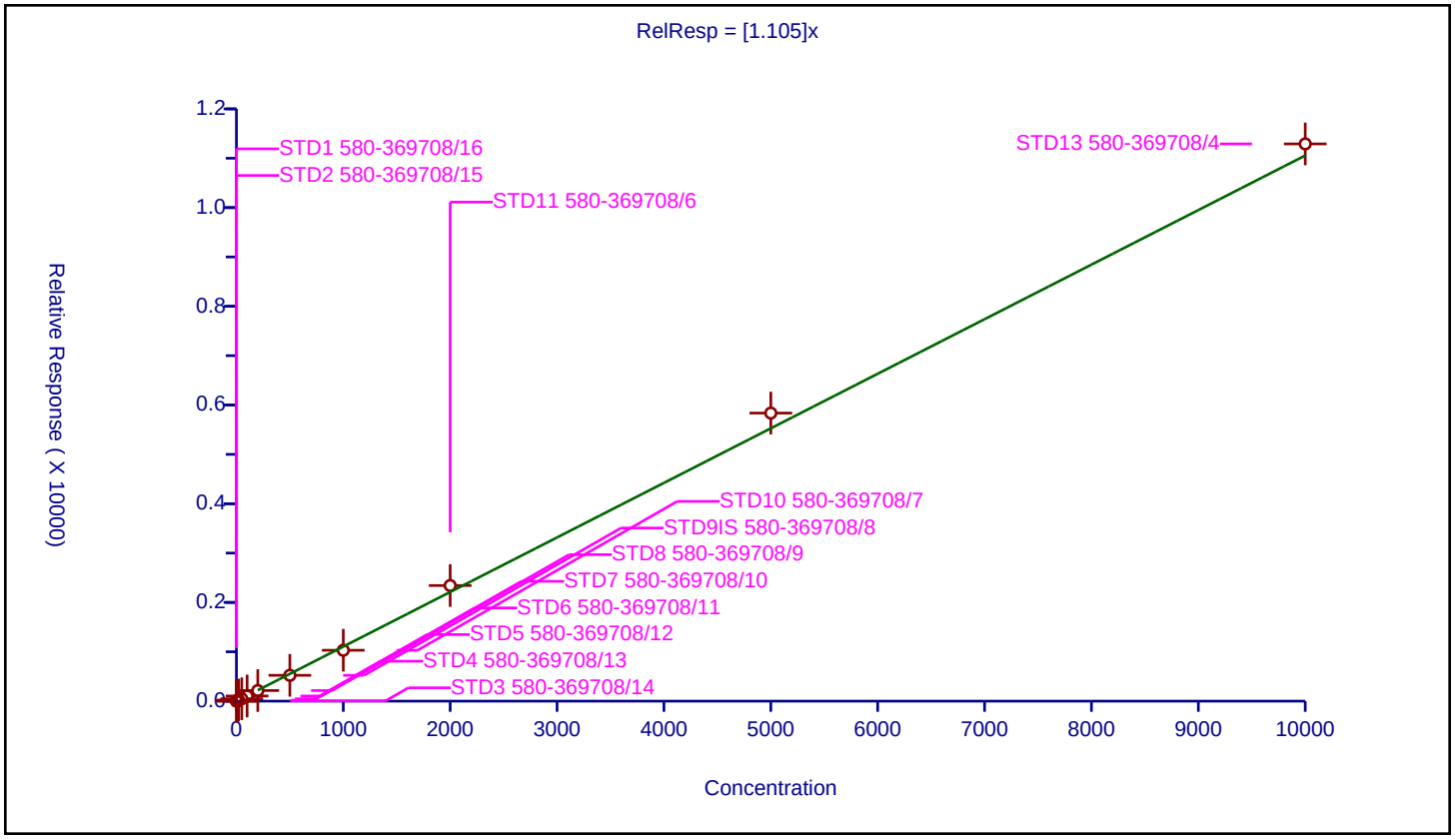
Curve Coefficients

Intercept:	0
Slope:	1.105

Error Coefficients

Standard Error:	2260000
Relative Standard Error:	11.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	1.448526	100.0	34794.0	1.448526	Y
2	STD2 580-369708/15	2.0	2.28669	100.0	36297.0	1.143345	Y
3	STD3 580-369708/14	5.0	5.365058	100.0	36775.0	1.073012	Y
4	STD4 580-369708/13	10.0	9.883777	100.0	41300.0	0.988378	Y
5	STD5 580-369708/12	20.0	22.034734	100.0	36506.0	1.101737	Y
6	STD6 580-369708/11	50.0	47.790811	100.0	40920.0	0.955816	Y
7	STD7 580-369708/10	100.0	104.379044	100.0	49303.0	1.04379	Y
8	STD8 580-369708/9	200.0	214.356689	100.0	52735.0	1.071783	Y
9	STD9IS 580-369708/8	500.0	523.401324	100.0	58783.0	1.046803	Y
10	STD10 580-369708/7	1000.0	1030.879691	100.0	64625.0	1.03088	Y
11	STD11 580-369708/6	2000.0	2342.150123	100.0	57606.0	1.171075	Y
12	STD12 580-369708/5	5000.0	5836.488243	100.0	60773.0	1.167298	Y
13	STD13 580-369708/4	10000.0	11290.123825	100.0	60327.0	1.129012	Y



Calibration / Fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

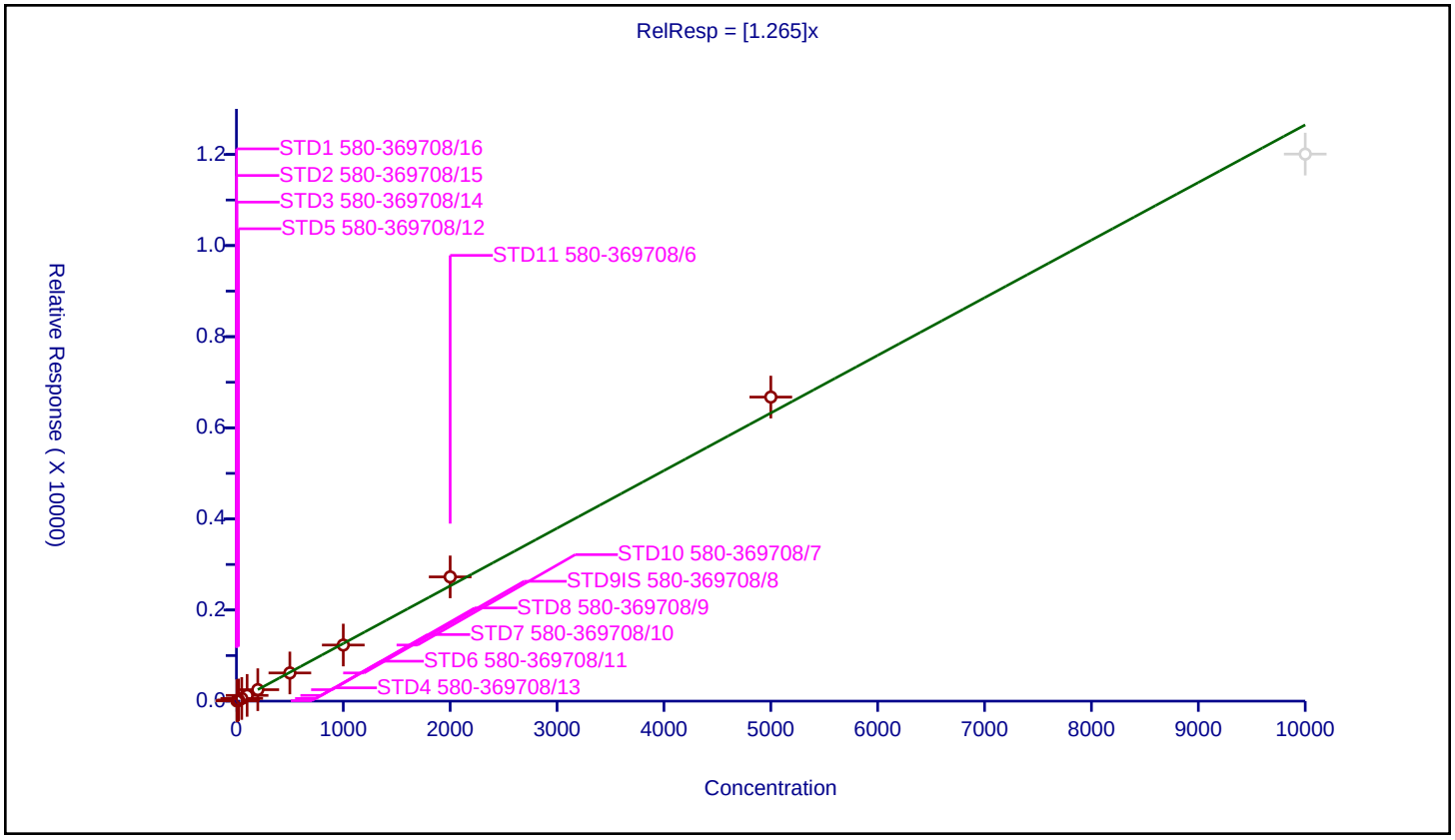
Curve Coefficients

Intercept:	0
Slope:	1.265

Error Coefficients

Standard Error:	1480000
Relative Standard Error:	11.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	4.230614	100.0	34794.0	4.230614	N
2	STD2 580-369708/15	2.0	5.022454	100.0	36297.0	2.511227	N
3	STD3 580-369708/14	5.0	7.771584	100.0	36775.0	1.554317	Y
4	STD4 580-369708/13	10.0	9.622276	100.0	41300.0	0.962228	Y
5	STD5 580-369708/12	20.0	25.677971	100.0	36506.0	1.283899	Y
6	STD6 580-369708/11	50.0	58.377322	100.0	40920.0	1.167546	Y
7	STD7 580-369708/10	100.0	125.763138	100.0	49303.0	1.257631	Y
8	STD8 580-369708/9	200.0	251.421257	100.0	52735.0	1.257106	Y
9	STD9IS 580-369708/8	500.0	618.660157	100.0	58783.0	1.23732	Y
10	STD10 580-369708/7	1000.0	1231.26499	100.0	64625.0	1.231265	Y
11	STD11 580-369708/6	2000.0	2727.493664	100.0	57606.0	1.363747	Y
12	STD12 580-369708/5	5000.0	6674.511708	100.0	60773.0	1.334902	Y
13	STD13 580-369708/4	10000.0	12008.097535	100.0	60327.0	1.20081	N



Calibration / Pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

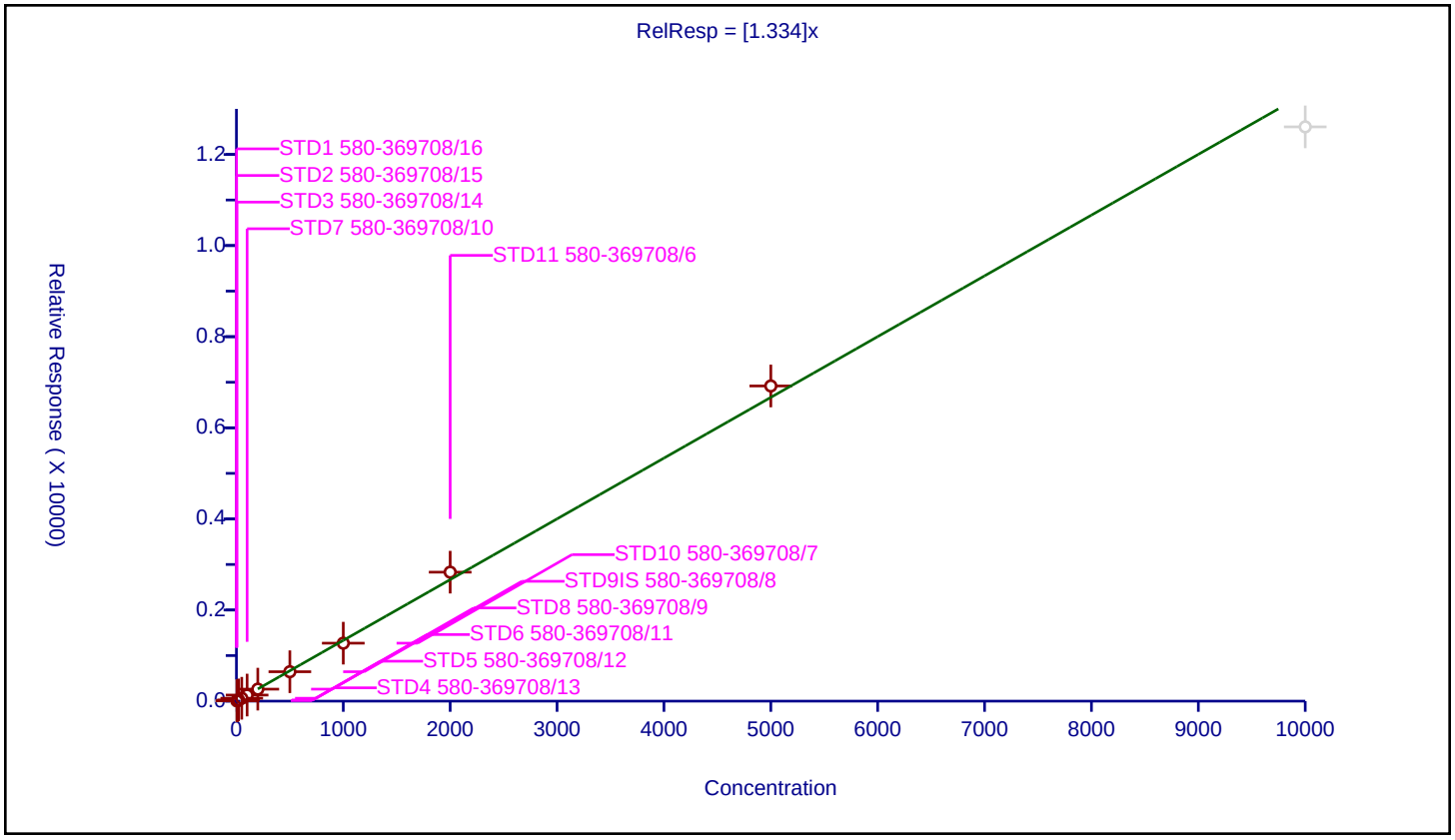
Curve Coefficients

Intercept:	0
Slope:	1.334

Error Coefficients

Standard Error:	1530000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	4.828419	100.0	34794.0	4.828419	N
2	STD2 580-369708/15	2.0	5.388875	100.0	36297.0	2.694438	N
3	STD3 580-369708/14	5.0	7.505099	100.0	36775.0	1.50102	Y
4	STD4 580-369708/13	10.0	12.283293	100.0	41300.0	1.228329	Y
5	STD5 580-369708/12	20.0	26.557278	100.0	36506.0	1.327864	Y
6	STD6 580-369708/11	50.0	63.142717	100.0	40920.0	1.262854	Y
7	STD7 580-369708/10	100.0	133.535485	100.0	49303.0	1.335355	Y
8	STD8 580-369708/9	200.0	263.464492	100.0	52735.0	1.317322	Y
9	STD9IS 580-369708/8	500.0	645.67477	100.0	58783.0	1.29135	Y
10	STD10 580-369708/7	1000.0	1272.202708	100.0	64625.0	1.272203	Y
11	STD11 580-369708/6	2000.0	2831.104399	100.0	57606.0	1.415552	Y
12	STD12 580-369708/5	5000.0	6917.919142	100.0	60773.0	1.383584	Y
13	STD13 580-369708/4	10000.0	12605.176787	100.0	60327.0	1.260518	N



Calibration / Terphenyl-d14

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

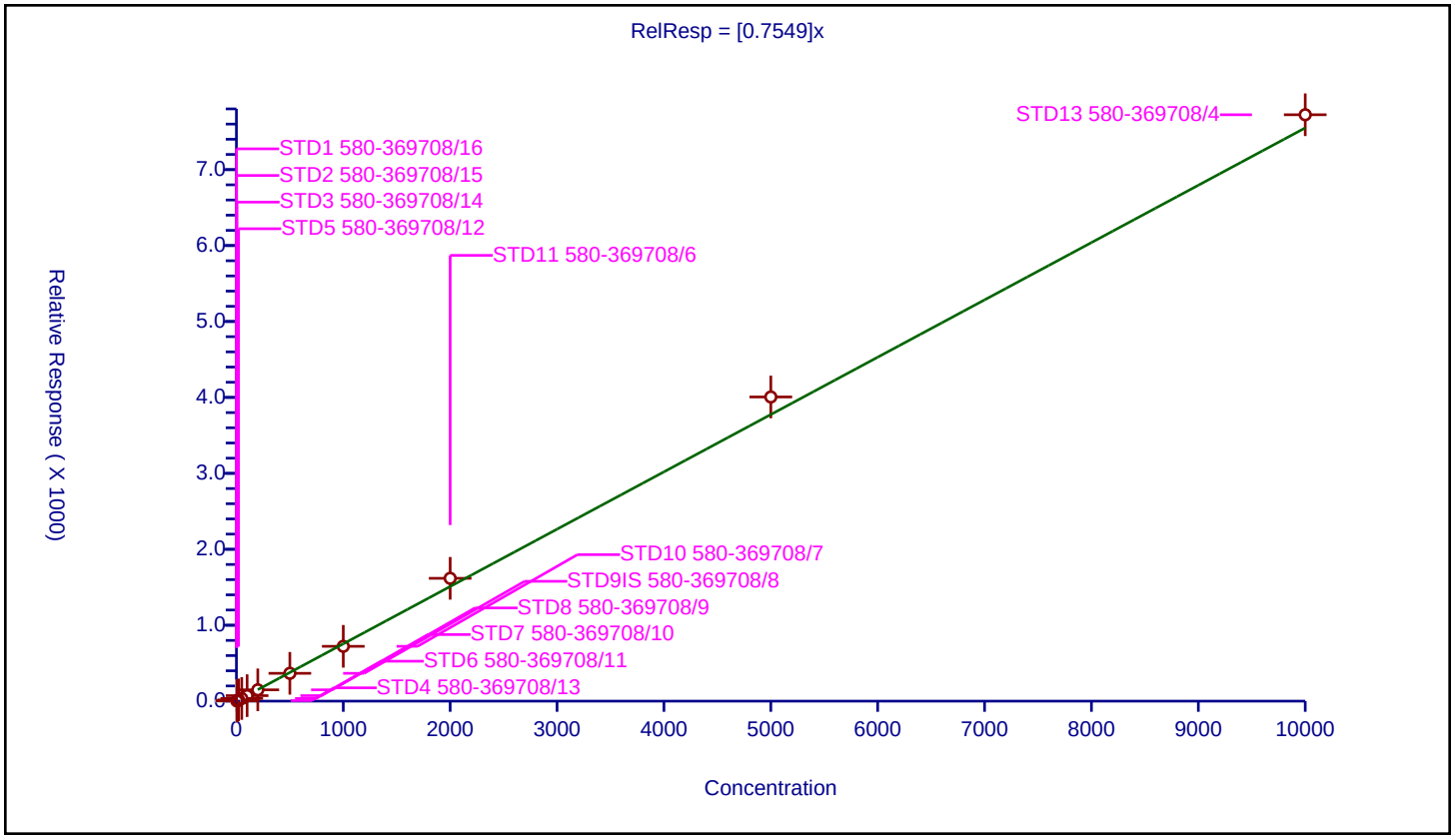
Curve Coefficients

Intercept:	0
Slope:	0.7549

Error Coefficients

Standard Error:	1690000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	1.05478	100.0	34794.0	1.05478	N
2	STD2 580-369708/15	2.0	1.812822	100.0	36297.0	0.906411	N
3	STD3 580-369708/14	5.0	3.839565	100.0	36775.0	0.767913	Y
4	STD4 580-369708/13	10.0	7.360775	100.0	41300.0	0.736077	Y
5	STD5 580-369708/12	20.0	15.95902	100.0	36506.0	0.797951	Y
6	STD6 580-369708/11	50.0	34.804497	100.0	40920.0	0.69609	Y
7	STD7 580-369708/10	100.0	72.468207	100.0	49303.0	0.724682	Y
8	STD8 580-369708/9	200.0	148.897317	100.0	52735.0	0.744487	Y
9	STD9IS 580-369708/8	500.0	366.439277	100.0	58783.0	0.732879	Y
10	STD10 580-369708/7	1000.0	721.986847	100.0	64625.0	0.721987	Y
11	STD11 580-369708/6	2000.0	1617.643995	100.0	57606.0	0.808822	Y
12	STD12 580-369708/5	5000.0	4005.956593	100.0	60773.0	0.801191	Y
13	STD13 580-369708/4	10000.0	7722.993021	100.0	60327.0	0.772299	Y



Calibration / Benzo[a]anthracene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

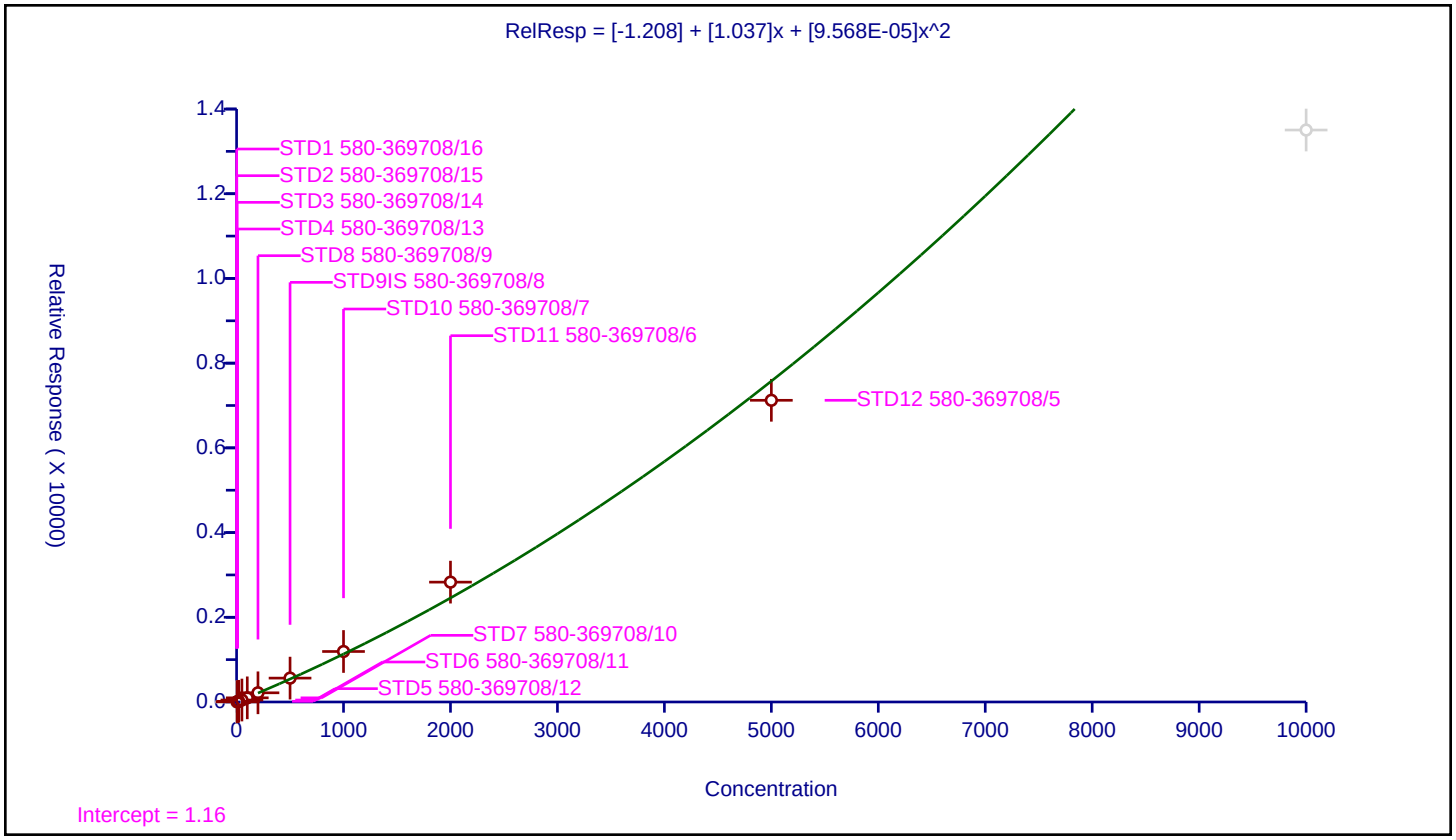
Curve Coefficients

Intercept:	-1.208
Slope:	1.037
Second Order:	9.568E-05

Error Coefficients

Standard Error:	1540000
Relative Standard Error:	9.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	1.272713	100.0	26086.0	1.272713	N
2	STD2 580-369708/15	2.0	1.604624	100.0	24741.0	0.802312	N
3	STD3 580-369708/14	5.0	4.092842	100.0	28220.0	0.818568	Y
4	STD4 580-369708/13	10.0	9.809292	100.0	29207.0	0.980929	Y
5	STD5 580-369708/12	20.0	15.977802	100.0	29372.0	0.79889	Y
6	STD6 580-369708/11	50.0	46.393448	100.0	31623.0	0.927869	Y
7	STD7 580-369708/10	100.0	97.890167	100.0	36164.0	0.978902	Y
8	STD8 580-369708/9	200.0	216.980848	100.0	39839.0	1.084904	Y
9	STD9IS 580-369708/8	500.0	564.02934	100.0	47308.0	1.128059	Y
10	STD10 580-369708/7	1000.0	1192.221499	100.0	55332.0	1.192221	Y
11	STD11 580-369708/6	2000.0	2829.682754	100.0	49709.0	1.414841	Y
12	STD12 580-369708/5	5000.0	7123.141687	100.0	52736.0	1.424628	Y
13	STD13 580-369708/4	10000.0	13504.161107	100.0	53207.0	1.350416	N



Calibration / Chrysene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

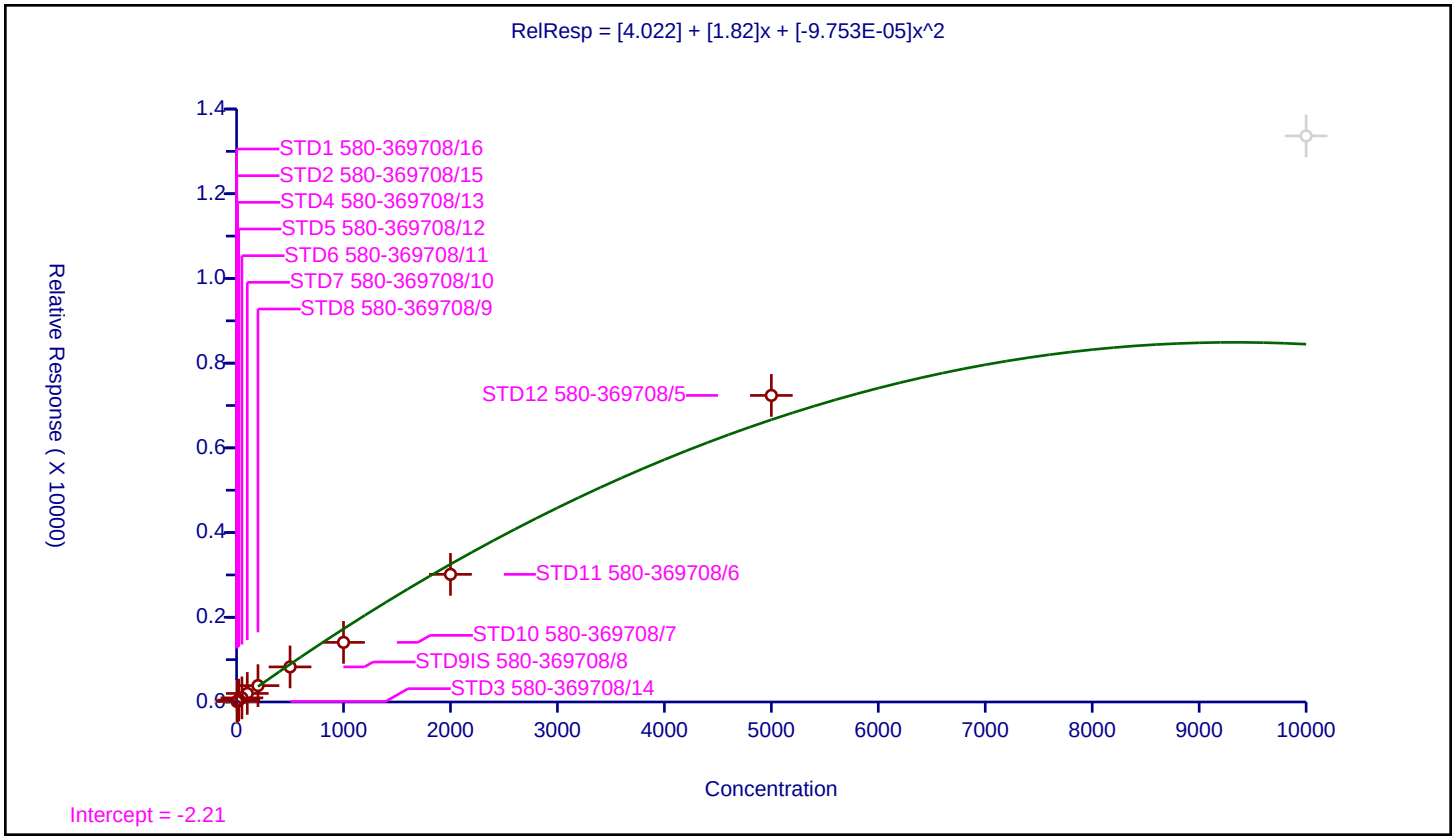
Curve Coefficients

Intercept:	4.022
Slope:	1.82
Second Order:	-9.753E-05

Error Coefficients

Standard Error:	1580000
Relative Standard Error:	11.6
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	9.250173	100.0	26086.0	9.250173	N
2	STD2 580-369708/15	2.0	9.381189	100.0	24741.0	4.690595	N
3	STD3 580-369708/14	5.0	12.813607	100.0	28220.0	2.562721	Y
4	STD4 580-369708/13	10.0	22.357654	100.0	29207.0	2.235765	Y
5	STD5 580-369708/12	20.0	43.578919	100.0	29372.0	2.178946	Y
6	STD6 580-369708/11	50.0	97.179268	100.0	31623.0	1.943585	Y
7	STD7 580-369708/10	100.0	202.029643	100.0	36164.0	2.020296	Y
8	STD8 580-369708/9	200.0	386.555887	100.0	39839.0	1.932779	Y
9	STD9IS 580-369708/8	500.0	828.322905	100.0	47308.0	1.656646	Y
10	STD10 580-369708/7	1000.0	1407.588737	100.0	55332.0	1.407589	Y
11	STD11 580-369708/6	2000.0	3013.663522	100.0	49709.0	1.506832	Y
12	STD12 580-369708/5	5000.0	7237.951305	100.0	52736.0	1.44759	Y
13	STD13 580-369708/4	10000.0	13364.553536	100.0	53207.0	1.336455	N



Calibration / Benzo[b]fluoranthene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

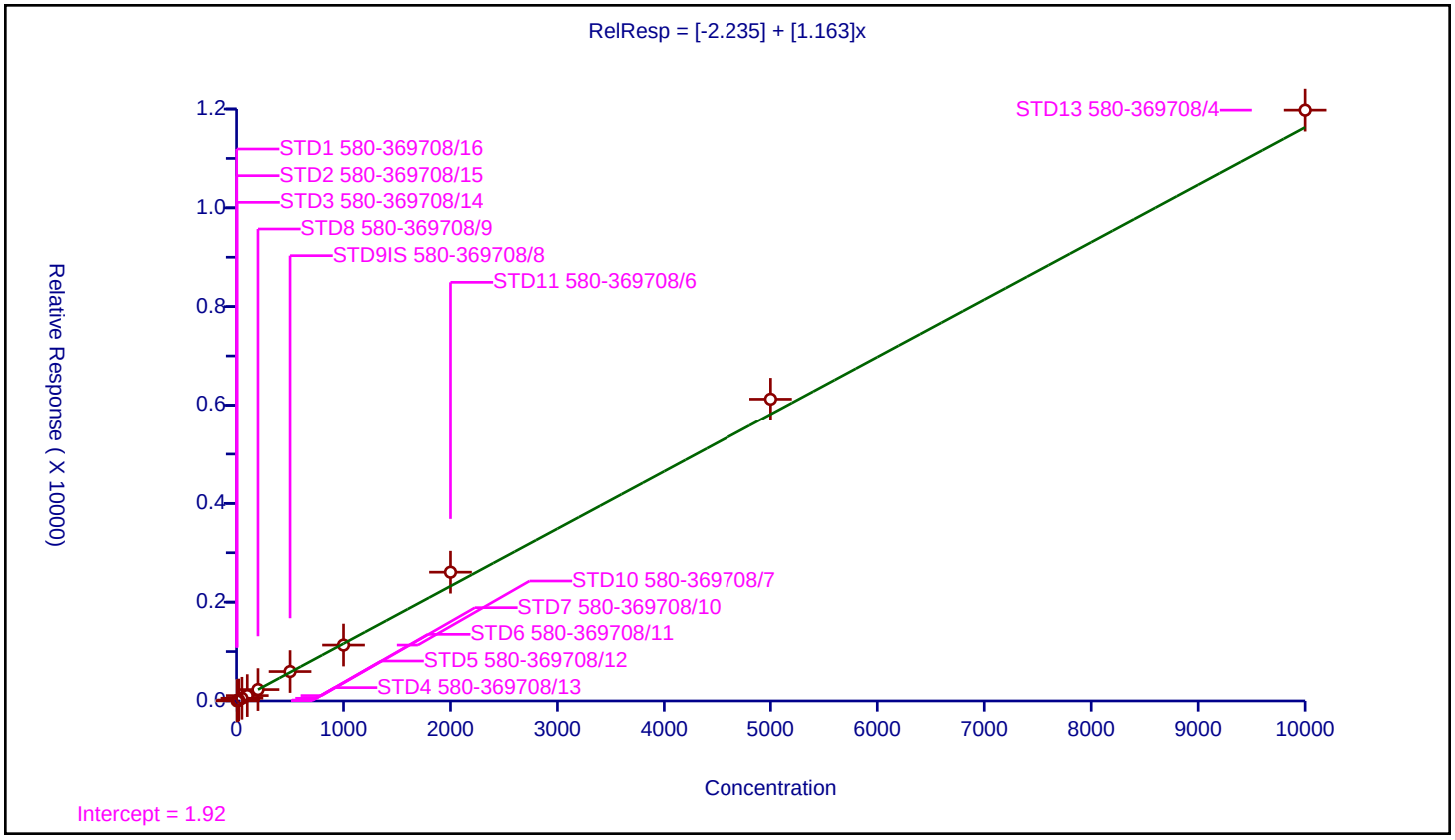
Curve Coefficients

Intercept:	-2.235
Slope:	1.163

Error Coefficients

Standard Error:	2810000
Relative Standard Error:	8.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	1.280897	100.0	24436.0	1.280897	N
2	STD2 580-369708/15	2.0	2.220043	100.0	25495.0	1.110022	N
3	STD3 580-369708/14	5.0	4.215949	100.0	27562.0	0.84319	Y
4	STD4 580-369708/13	10.0	7.417196	100.0	29135.0	0.74172	Y
5	STD5 580-369708/12	20.0	19.148866	100.0	30148.0	0.957443	Y
6	STD6 580-369708/11	50.0	54.701454	100.0	31352.0	1.094029	Y
7	STD7 580-369708/10	100.0	108.658885	100.0	36067.0	1.086589	Y
8	STD8 580-369708/9	200.0	230.891861	100.0	40522.0	1.154459	Y
9	STD9IS 580-369708/8	500.0	595.696405	100.0	48657.0	1.191393	Y
10	STD10 580-369708/7	1000.0	1132.014105	100.0	55866.0	1.132014	Y
11	STD11 580-369708/6	2000.0	2606.587998	100.0	53643.0	1.303294	Y
12	STD12 580-369708/5	5000.0	6122.434145	100.0	58879.0	1.224487	Y
13	STD13 580-369708/4	10000.0	11977.060202	100.0	62324.0	1.197706	Y



Calibration / Benzo[k]fluoranthene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

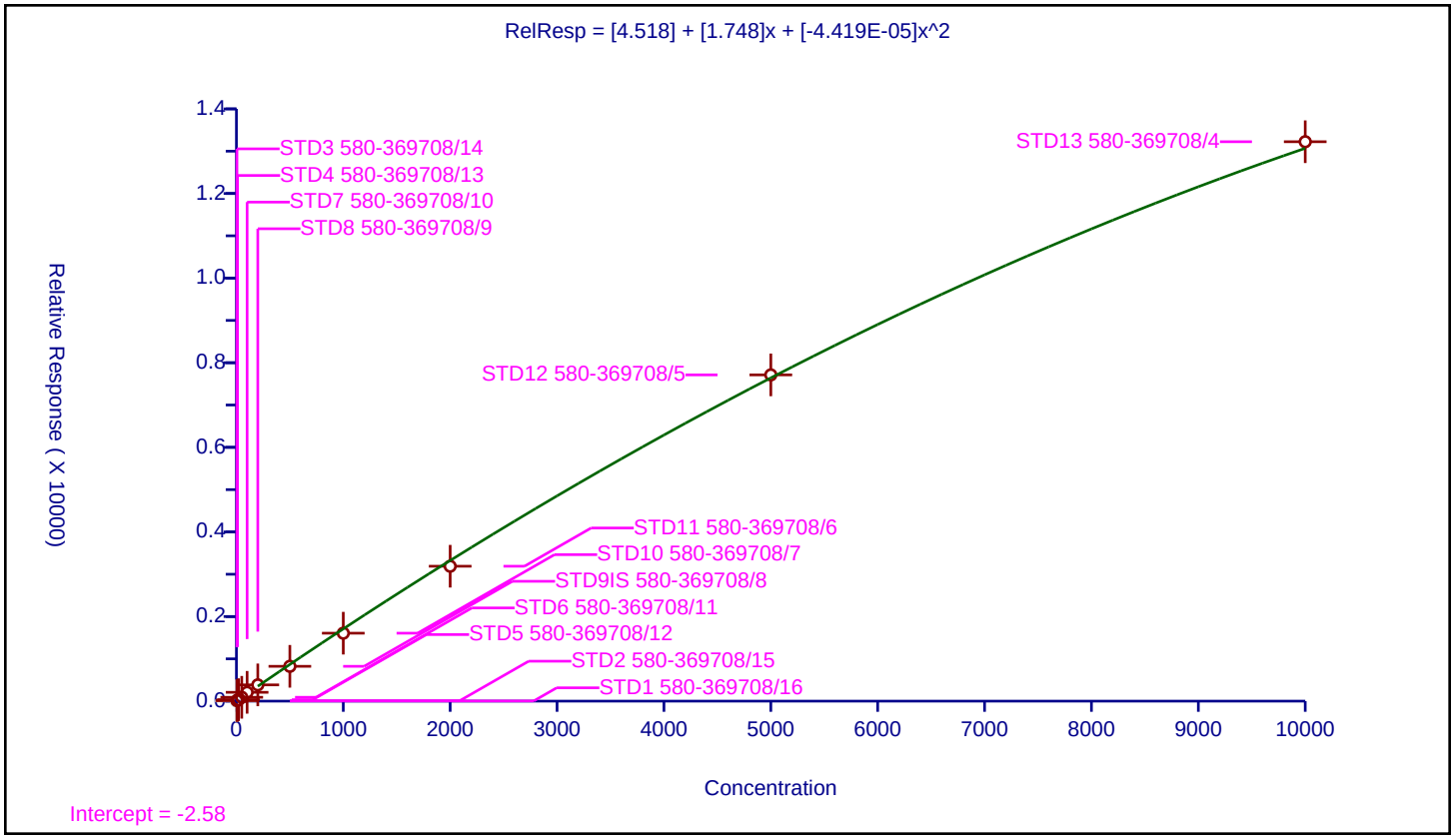
Curve Coefficients

Intercept:	4.518
Slope:	1.748
Second Order:	-4.419E-05

Error Coefficients

Standard Error:	3390000
Relative Standard Error:	9.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	3.973645	100.0	24436.0	3.973645	N
2	STD2 580-369708/15	2.0	7.303393	100.0	25495.0	3.651696	N
3	STD3 580-369708/14	5.0	13.478703	100.0	27562.0	2.695741	Y
4	STD4 580-369708/13	10.0	22.155483	100.0	29135.0	2.215548	Y
5	STD5 580-369708/12	20.0	34.048693	100.0	30148.0	1.702435	Y
6	STD6 580-369708/11	50.0	91.056392	100.0	31352.0	1.821128	Y
7	STD7 580-369708/10	100.0	208.486983	100.0	36067.0	2.08487	Y
8	STD8 580-369708/9	200.0	384.248063	100.0	40522.0	1.92124	Y
9	STD9IS 580-369708/8	500.0	823.281337	100.0	48657.0	1.646563	Y
10	STD10 580-369708/7	1000.0	1606.581821	100.0	55866.0	1.606582	Y
11	STD11 580-369708/6	2000.0	3189.159816	100.0	53643.0	1.59458	Y
12	STD12 580-369708/5	5000.0	7712.225072	100.0	58879.0	1.542445	Y
13	STD13 580-369708/4	10000.0	13223.851165	100.0	62324.0	1.322385	Y



Calibration / Benzo[a]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

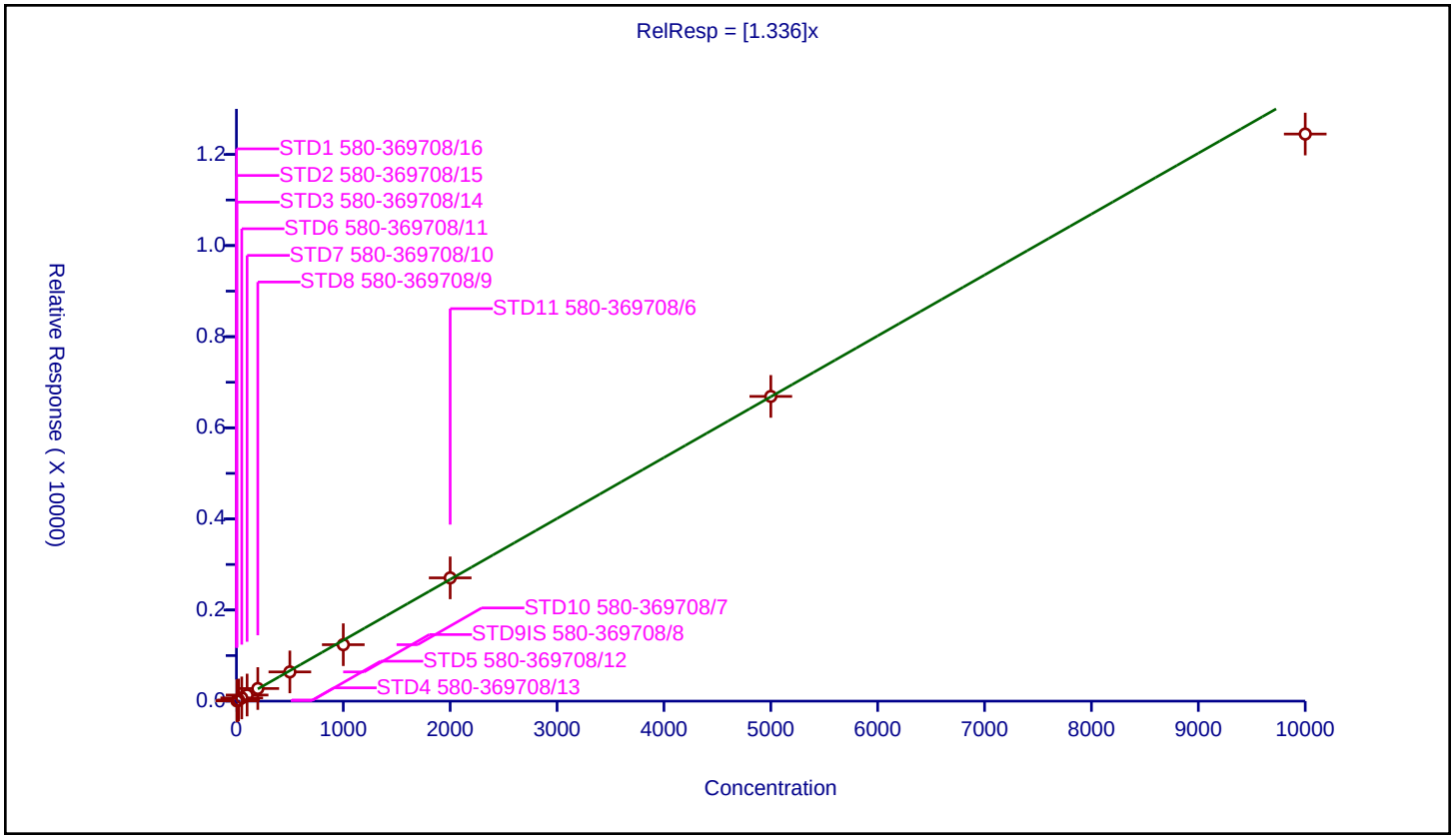
Curve Coefficients

Intercept:	0
Slope:	1.336

Error Coefficients

Standard Error:	2800000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	4.039123	100.0	24436.0	4.039123	N
2	STD2 580-369708/15	2.0	4.667582	100.0	25495.0	2.333791	N
3	STD3 580-369708/14	5.0	7.85139	100.0	27562.0	1.570278	Y
4	STD4 580-369708/13	10.0	12.898576	100.0	29135.0	1.289858	Y
5	STD5 580-369708/12	20.0	24.718058	100.0	30148.0	1.235903	Y
6	STD6 580-369708/11	50.0	71.153355	100.0	31352.0	1.423067	Y
7	STD7 580-369708/10	100.0	133.928522	100.0	36067.0	1.339285	Y
8	STD8 580-369708/9	200.0	276.74103	100.0	40522.0	1.383705	Y
9	STD9IS 580-369708/8	500.0	641.634297	100.0	48657.0	1.283269	Y
10	STD10 580-369708/7	1000.0	1239.197365	100.0	55866.0	1.239197	Y
11	STD11 580-369708/6	2000.0	2705.680145	100.0	53643.0	1.35284	Y
12	STD12 580-369708/5	5000.0	6688.754904	100.0	58879.0	1.337751	Y
13	STD13 580-369708/4	10000.0	12448.304024	100.0	62324.0	1.24483	Y



Calibration / Indeno[1,2,3-cd]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

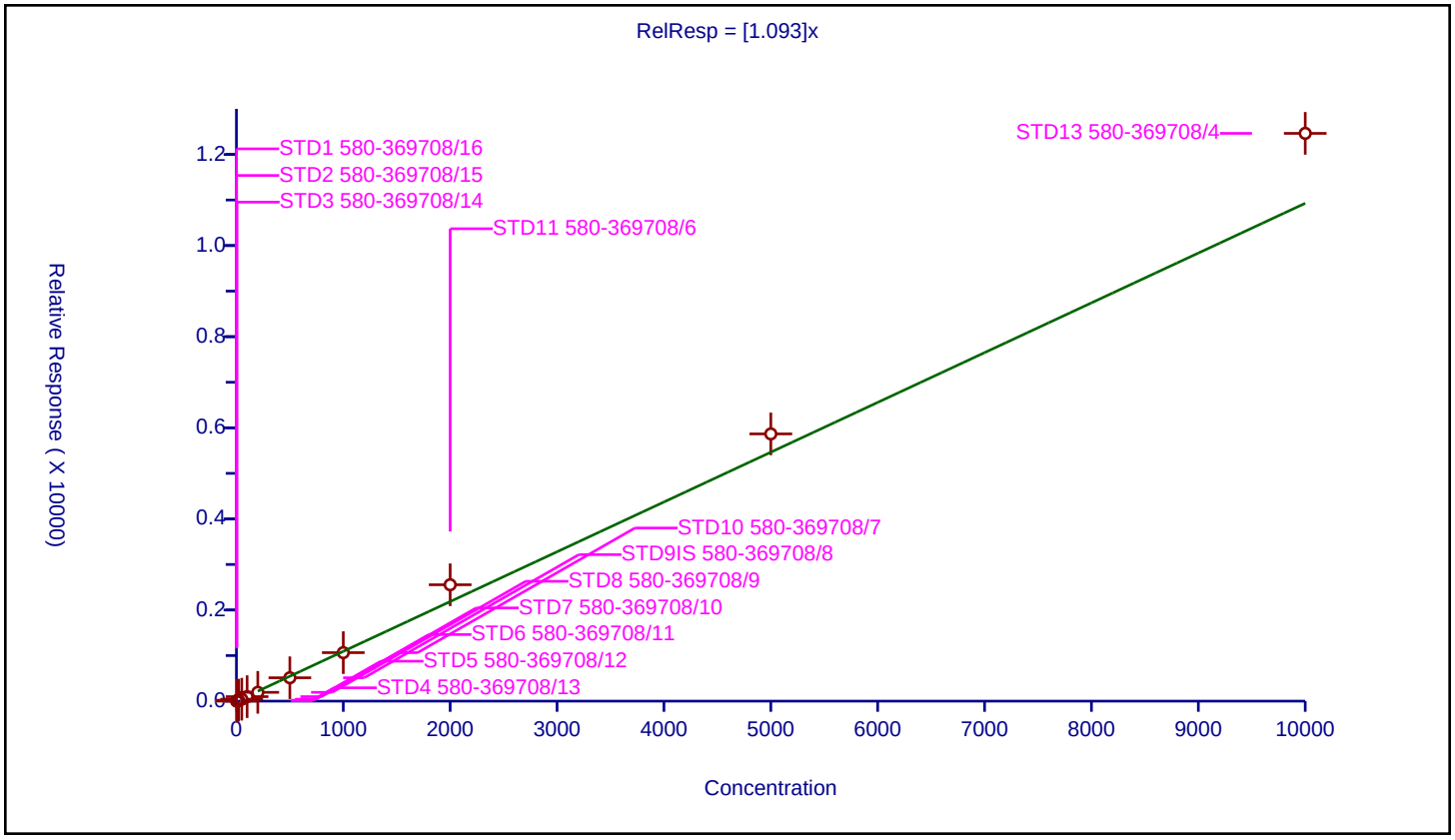
Curve Coefficients

Intercept:	0
Slope:	1.093

Error Coefficients

Standard Error:	2600000
Relative Standard Error:	12.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	1.587821	100.0	24436.0	1.587821	N
2	STD2 580-369708/15	2.0	2.545597	100.0	25495.0	1.272799	Y
3	STD3 580-369708/14	5.0	5.830491	100.0	27562.0	1.166098	Y
4	STD4 580-369708/13	10.0	10.207654	100.0	29135.0	1.020765	Y
5	STD5 580-369708/12	20.0	21.255141	100.0	30148.0	1.062757	Y
6	STD6 580-369708/11	50.0	42.555499	100.0	31352.0	0.85111	Y
7	STD7 580-369708/10	100.0	98.691324	100.0	36067.0	0.986913	Y
8	STD8 580-369708/9	200.0	193.270322	100.0	40522.0	0.966352	Y
9	STD9IS 580-369708/8	500.0	512.8779	100.0	48657.0	1.025756	Y
10	STD10 580-369708/7	1000.0	1064.20721	100.0	55866.0	1.064207	Y
11	STD11 580-369708/6	2000.0	2554.765766	100.0	53643.0	1.277383	Y
12	STD12 580-369708/5	5000.0	5866.059206	100.0	58879.0	1.173212	Y
13	STD13 580-369708/4	10000.0	12462.548938	100.0	62324.0	1.246255	Y



Calibration / Dibenz(a,h)anthracene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

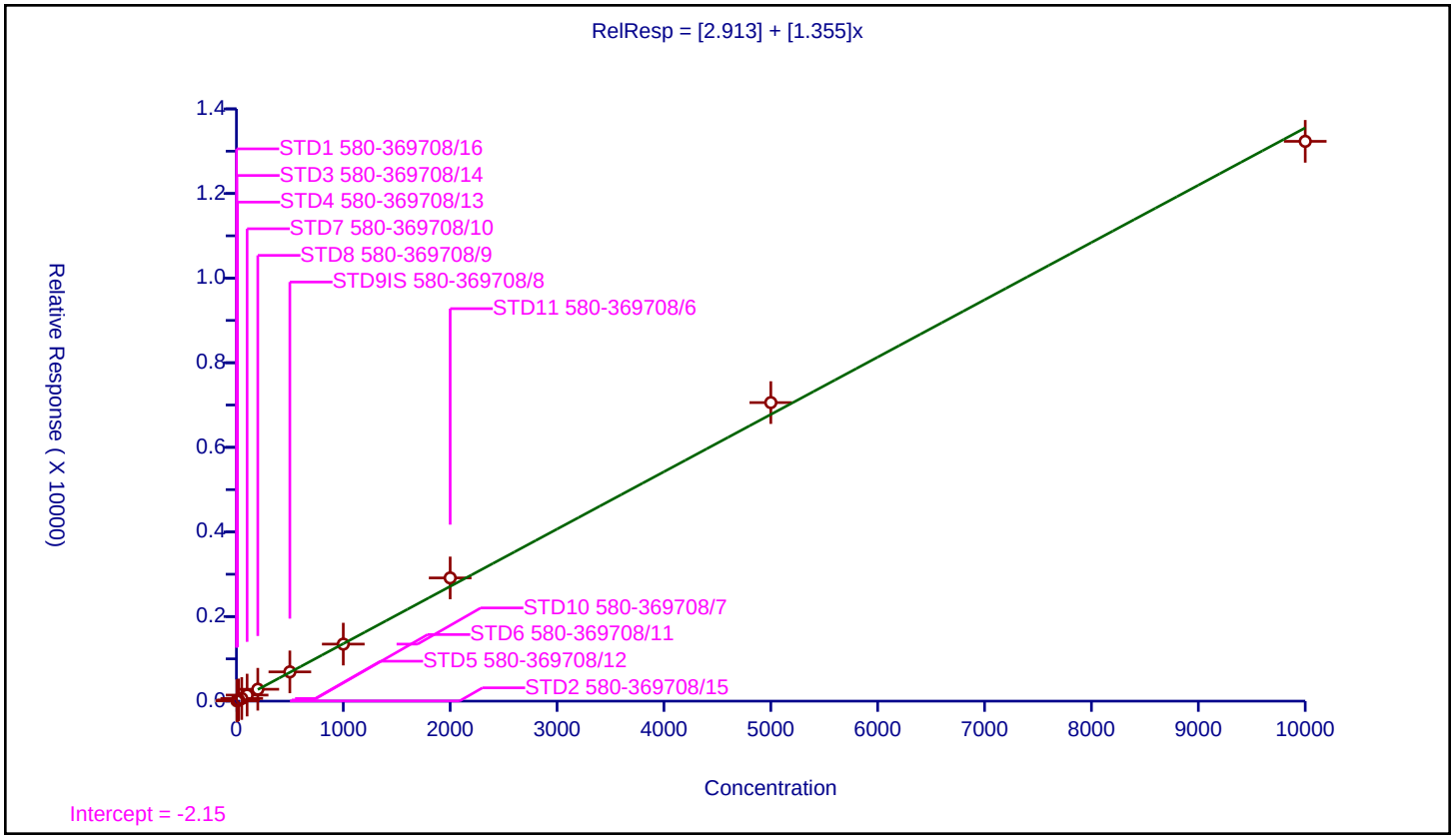
Curve Coefficients

Intercept:	2.913
Slope:	1.355

Error Coefficients

Standard Error:	3130000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	4.477001	100.0	24436.0	4.477001	N
2	STD2 580-369708/15	2.0	3.828202	100.0	25495.0	1.914101	N
3	STD3 580-369708/14	5.0	9.850519	100.0	27562.0	1.970104	Y
4	STD4 580-369708/13	10.0	16.481895	100.0	29135.0	1.648189	Y
5	STD5 580-369708/12	20.0	28.423113	100.0	30148.0	1.421156	Y
6	STD6 580-369708/11	50.0	61.948201	100.0	31352.0	1.238964	Y
7	STD7 580-369708/10	100.0	143.086478	100.0	36067.0	1.430865	Y
8	STD8 580-369708/9	200.0	280.857312	100.0	40522.0	1.404287	Y
9	STD9IS 580-369708/8	500.0	691.666153	100.0	48657.0	1.383332	Y
10	STD10 580-369708/7	1000.0	1348.188523	100.0	55866.0	1.348189	Y
11	STD11 580-369708/6	2000.0	2912.620472	100.0	53643.0	1.45631	Y
12	STD12 580-369708/5	5000.0	7057.41266	100.0	58879.0	1.411483	Y
13	STD13 580-369708/4	10000.0	13232.988897	100.0	62324.0	1.323299	Y



Calibration / Benzo[g,h,i]perylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

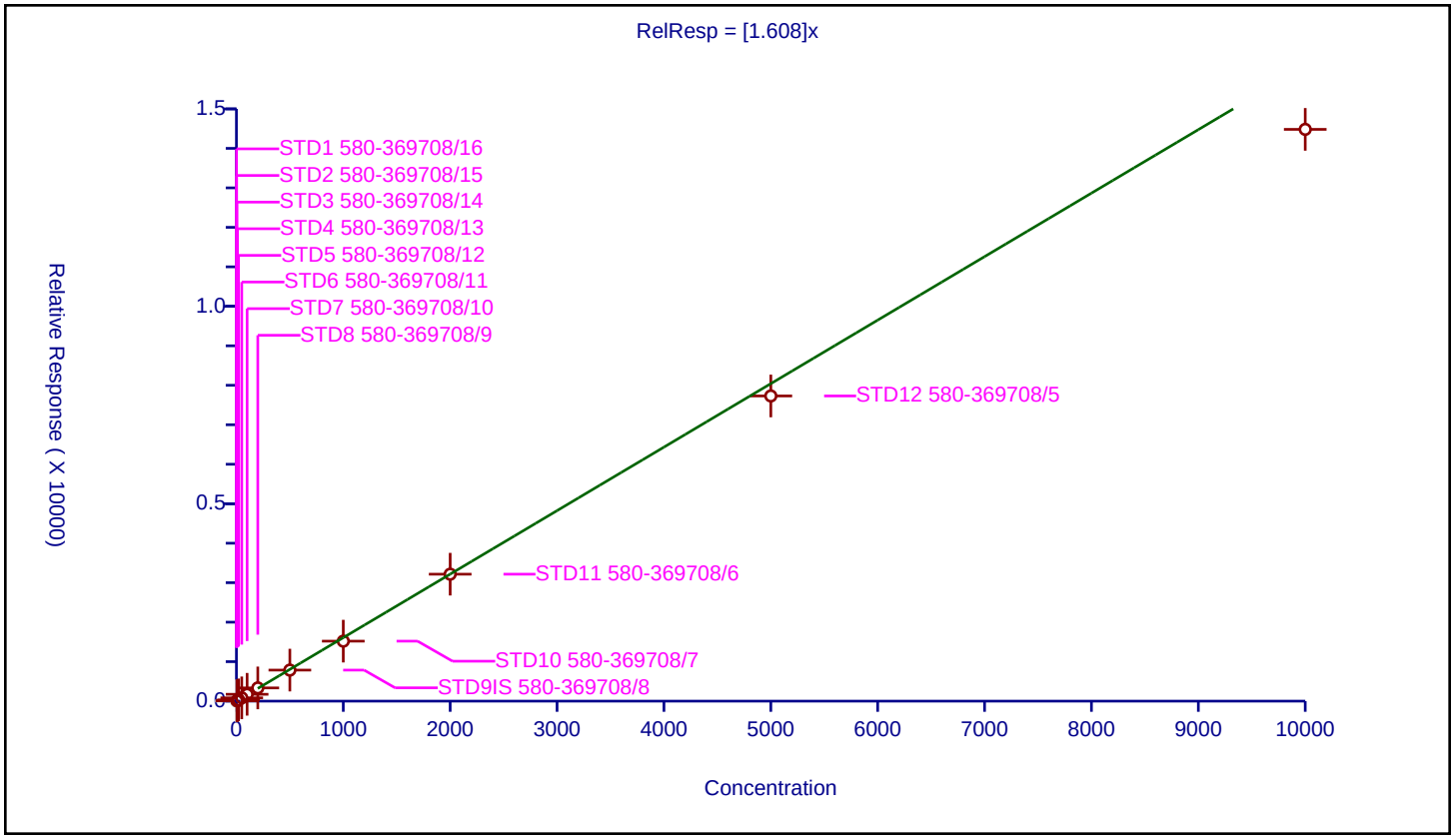
Curve Coefficients

Intercept:	0
Slope:	1.608

Error Coefficients

Standard Error:	3250000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 580-369708/16	1.0	3.396628	100.0	24436.0	3.396628	N
2	STD2 580-369708/15	2.0	4.96568	100.0	25495.0	2.48284	N
3	STD3 580-369708/14	5.0	8.388361	100.0	27562.0	1.677672	Y
4	STD4 580-369708/13	10.0	16.248498	100.0	29135.0	1.62485	Y
5	STD5 580-369708/12	20.0	32.320552	100.0	30148.0	1.616028	Y
6	STD6 580-369708/11	50.0	83.401378	100.0	31352.0	1.668028	Y
7	STD7 580-369708/10	100.0	173.42446	100.0	36067.0	1.734245	Y
8	STD8 580-369708/9	200.0	335.245052	100.0	40522.0	1.676225	Y
9	STD9IS 580-369708/8	500.0	786.511704	100.0	48657.0	1.573023	Y
10	STD10 580-369708/7	1000.0	1519.321233	100.0	55866.0	1.519321	Y
11	STD11 580-369708/6	2000.0	3215.455884	100.0	53643.0	1.607728	Y
12	STD12 580-369708/5	5000.0	7729.22604	100.0	58879.0	1.545845	Y
13	STD13 580-369708/4	10000.0	14481.093961	100.0	62324.0	1.448109	Y



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Lab Sample ID (1): STD9IS 580-369708/8 ICI Instrument ID (1): SEA101

GC Column (1): ZB-SV ID: 0.25(mm) Date Analyzed (1): 10/05/2021 19:49

ANALYTE	RT	RESOLUTION (%)
Benzo[b]fluoranthene	12.58	55.60

Resolution Report

Eurofins FGS, Seattle

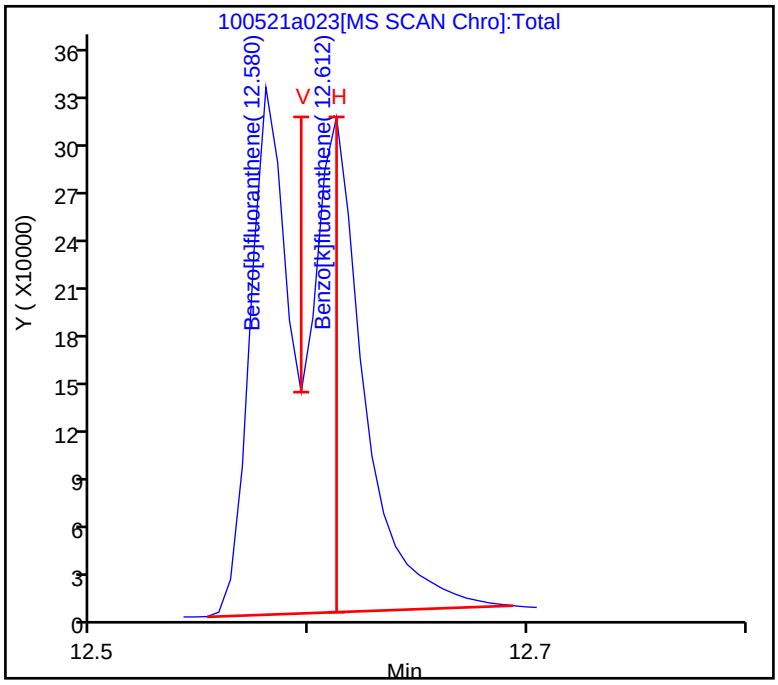
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a023.D
Injection Date: 05-Oct-2021 19:49:30 Instrument ID: SEA101
Lims ID: std9is
Client ID:
Operator ID: TL ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

25 Benzo[b]fluoranthene - 26 Benzo[k]fluoranthene

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 173575
H(Smaller Peak Height) = 312368

%Resolution = 55.6, Min. Resolution > 25.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Lab Sample ID (1): CCVIS 580-383722/3 Instrument ID (1): SEA101

GC Column (1): ZB-SV ID: 0.25(mm) Date Analyzed (1): 03/14/2022 13:59

ANALYTE	RT	RESOLUTION (%)
Benzo[b]fluoranthene	12.48	47.90

Resolution Report

Eurofins Seattle

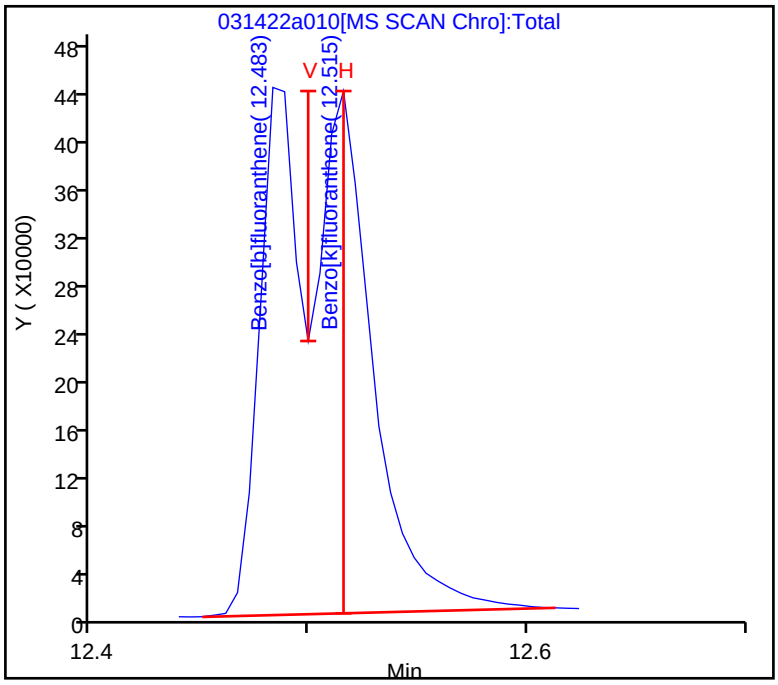
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a010.D
Injection Date: 14-Mar-2022 13:59:30 Instrument ID: SEA101
Lims ID: ccvis
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

25 Benzo[b]fluoranthene - 26 Benzo[k]fluoranthene

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 206516
H(Smaller Peak Height) = 431461

%Resolution = 47.9, Min. Resolution > 25.0
Passed



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Lab Sample ID: ICV 580-369708/18 | Calibration Date: 10/05/2021 23:52

Instrument ID: SEA101 | Calib Start Date: 10/05/2021 18:11

GC Column: ZB-SV ID: 0.25(mm) | Calib End Date: 10/05/2021 23:04

Lab File ID: 100521a033.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Lin2		1.013	0.7000	1030	1000	2.7	20.0
2-Methylnaphthalene	Ave	0.6197	0.6681	0.4000	1080	1000	7.8	20.0
1-Methylnaphthalene	Ave	0.7075	0.6379	0.1000	902	1000	-9.8	20.0
Acenaphthylene	Ave	1.909	1.981	0.9000	1040	1000	3.8	20.0
Acenaphthene	Ave	1.349	1.349	0.9000	999	1000	-0.0	20.0
Fluorene	Ave	1.377	1.453	0.9000	1060	1000	5.5	20.0
Pentachlorophenol	Qua2		0.1734	0.0500	2040	2000	2.2	20.0
Phenanthrene	Ave	1.129	1.246	0.7000	1100	1000	10.3	20.0
Anthracene	Lin2		1.316	0.7000	1040	1000	4.1	20.0
Fluoranthene	Ave	1.265	1.364	0.6000	1080	1000	7.8	20.0
Pyrene	Ave	1.334	1.398	0.6000	1050	1000	4.9	20.0
Benzo[a]anthracene	Qua2		1.245	0.8000	1090	1000	9.2	20.0
Chrysene	Qua2		1.643	0.7000	949	1000	-5.1	20.0
Benzo[b]fluoranthene	Lin2		1.277	0.7000	1100	1000	10.0	20.0
Benzo[k]fluoranthene	Qua2		1.878	0.7000	1100	1000	10.2	20.0
Benzo[a]pyrene	Ave	1.336	1.446	0.7000	1080	1000	8.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.093	1.098	0.5000	1010	1000	0.5	20.0
Dibenz(a,h)anthracene	Lin2		1.552	0.4000	1140	1000	14.4	20.0
Benzo[g,h,i]perylene	Ave	1.608	1.725	0.5000	1070	1000	7.3	20.0
2-methylnaphthalene-d10	Ave	0.5890	0.5591		949	1000	-5.1	20.0
2-Fluorobiphenyl	Ave	1.387	1.365		984	1000	-1.6	20.0
2,4,6-Tribromophenol	Qua2		0.2374		1050	1000	4.7	20.0
Fluoranthene-d10 (Surr)	Ave	1.105	1.095		990	1000	-1.0	20.0
Terphenyl-d14	Ave	0.7549	0.7667		1020	1000	1.6	20.0

Eurofins FGS, Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a033.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 05-Oct-2021 23:52:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icv
Operator ID: TL Instrument ID: SEA101
Sublist:

Method: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 22-Oct-2021 13:11:52 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: limmere Date: 06-Oct-2021 11:56:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.507	5.507	0.000	1	48273	100.0	100.0	
* 2 Naphthalene-d8	136	6.636	6.636	0.000	1	64302	100.0	100.0	
* 3 Acenaphthene-d10	164	8.093	8.097	-0.004	1	31342	100.0	100.0	
* 4 Phenanthrene-d10	188	9.312	9.312	0.000	1	49392	100.0	100.0	
* 5 Chrysene-d12	240	11.502	11.501	0.001	1	41599	100.0	100.0	
* 6 Perylene-d12	264	13.023	13.023	0.000	1	39948	100.0	100.0	
$ 7 2-methylnaphthalene-d10	152	7.212	7.217	-0.005	99	359492	1000.0	949.2	
$ 8 2-Fluorobiphenyl	172	7.554	7.554	0.000	1	427716	1000.0	984.2	
$ 9 2,4,6-Tribromophenol	330	8.744	8.750	-0.006	1	74395	1000.0	1047.0	
$ 10 Fluoranthene-d10 (Surr)	212	10.285	10.290	-0.005	100	540617	1000.0	990.1	
$ 11 Terphenyl-d14	244	10.624	10.629	-0.005	1	378710	1000.0	1015.6	
12 Naphthalene	128	6.651	6.656	-0.005	1	651328	1000.0	1027.3	
13 2-Methylnaphthalene	142	7.238	7.243	-0.005	1	429592	1000.0	1078.0	
14 1-Methylnaphthalene	142	7.320	7.319	0.001	1	410193	1000.0	901.7	
15 Acenaphthylene	152	7.978	7.983	-0.005	1	620958	1000.0	1037.9	a
16 Acenaphthene	153	8.117	8.122	-0.005	6	422651	1000.0	999.3	
17 Fluorene	166	8.544	8.549	-0.005	1	455404	1000.0	1055.3	
18 Pentachlorophenol	266	9.169	9.175	-0.006	1	108700	2000.0	2043.2	
19 Phenanthrene	178	9.329	9.329	0.000	1	615201	1000.0	1102.8	
20 Anthracene	178	9.373	9.373	0.000	1	650103	1000.0	1040.5	
21 Fluoranthene	202	10.299	10.303	-0.004	1	673554	1000.0	1078.0	
22 Pyrene	202	10.484	10.488	-0.004	22	690699	1000.0	1048.6	
23 Benzo[a]anthracene	228	11.491	11.491	0.000	1	518049	1000.0	1092.1	
24 Chrysene	228	11.523	11.523	0.000	1	683651	1000.0	949.3	
25 Benzo[b]fluoranthene	252	12.580	12.580	0.000	1	510191	1000.0	1099.9	
26 Benzo[k]fluoranthene	252	12.607	12.612	-0.005	1	750342	1000.0	1102.5	
27 Benzo[a]pyrene	252	12.948	12.953	-0.005	1	577730	1000.0	1082.2	
28 Indeno[1,2,3-cd]pyrene	276	14.305	14.310	-0.005	1	438796	1000.0	1005.1	M
29 Dibenz(a,h)anthracene	278	14.337	14.342	-0.005	1	620162	1000.0	1143.7	a
30 Benzo[g,h,i]perylene	276	14.634	14.634	0.000	6	689277	1000.0	1072.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

icv_8270_1000_00012 Amount Added: 1.00 Units: mL

Report Date: 22-Oct-2021 13:12:22 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins FGS, Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a033.D

Injection Date: 05-Oct-2021 23:52:30 Instrument ID: SEA101

Lims ID: icv

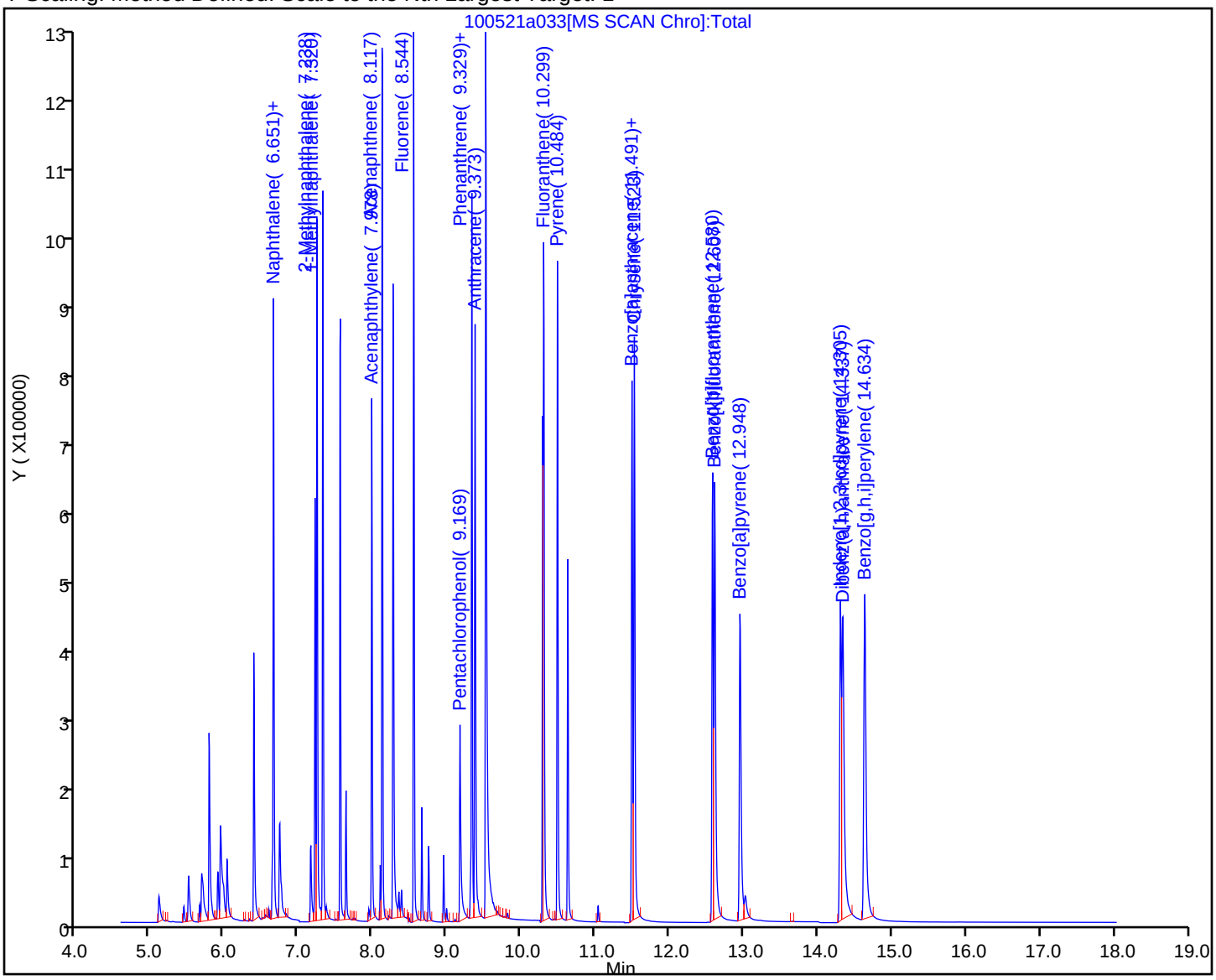
Client ID:

Operator ID: TL ALS Bottle#: 18 Worklist Smp#: 18

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

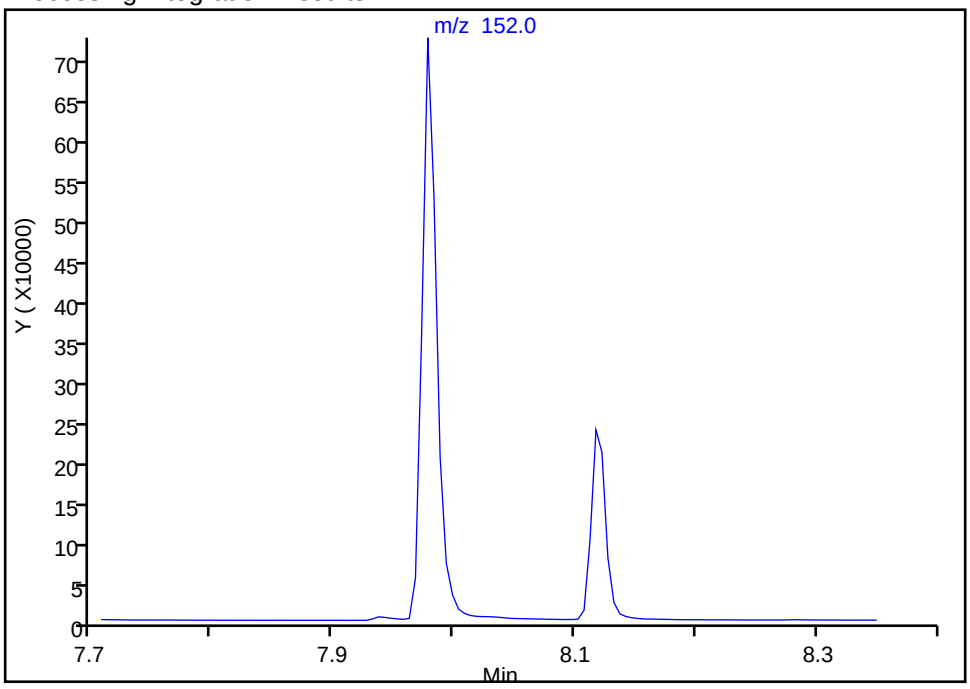
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a033.D
Injection Date: 05-Oct-2021 23:52:30 Instrument ID: SEA101
Lims ID: icv
Client ID:
Operator ID: TL ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

15 Acenaphthylene, CAS: 208-96-8

Signal: 1

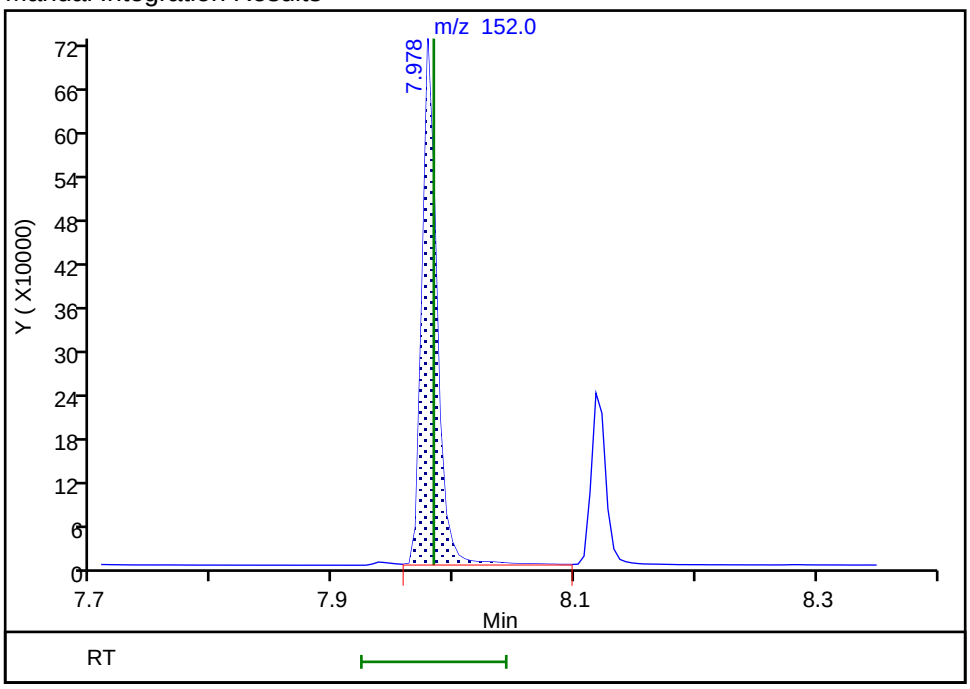
Not Detected
Expected RT: 7.98

Processing Integration Results



Manual Integration Results

RT: 7.98
Area: 620958
Amount: 1037.9230
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:56:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

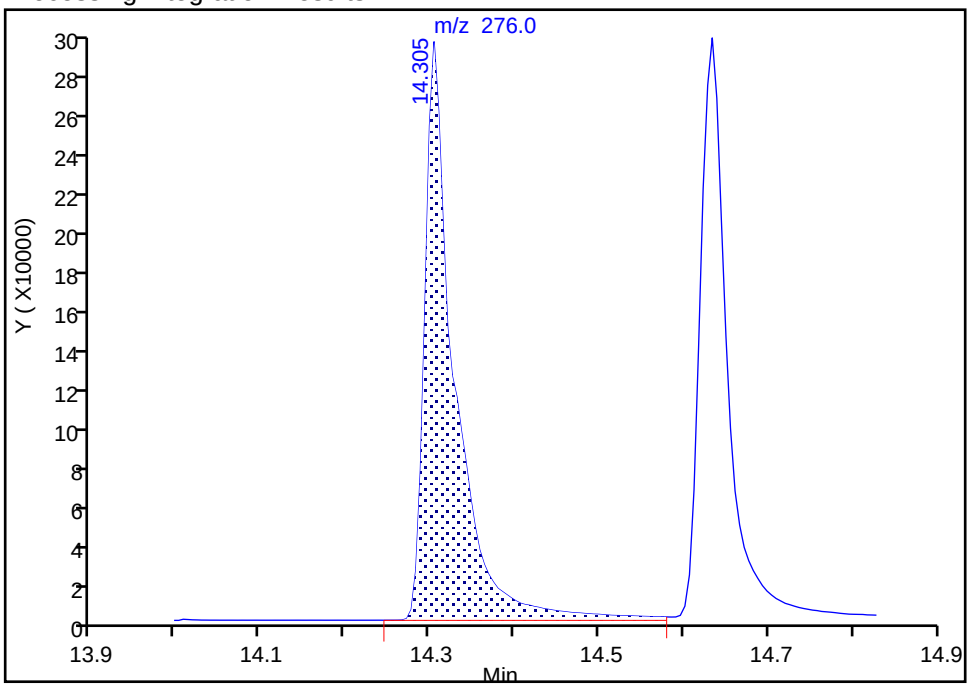
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a033.D
Injection Date: 05-Oct-2021 23:52:30 Instrument ID: SEA101
Lims ID: icv
Client ID:
Operator ID: TL ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

28 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

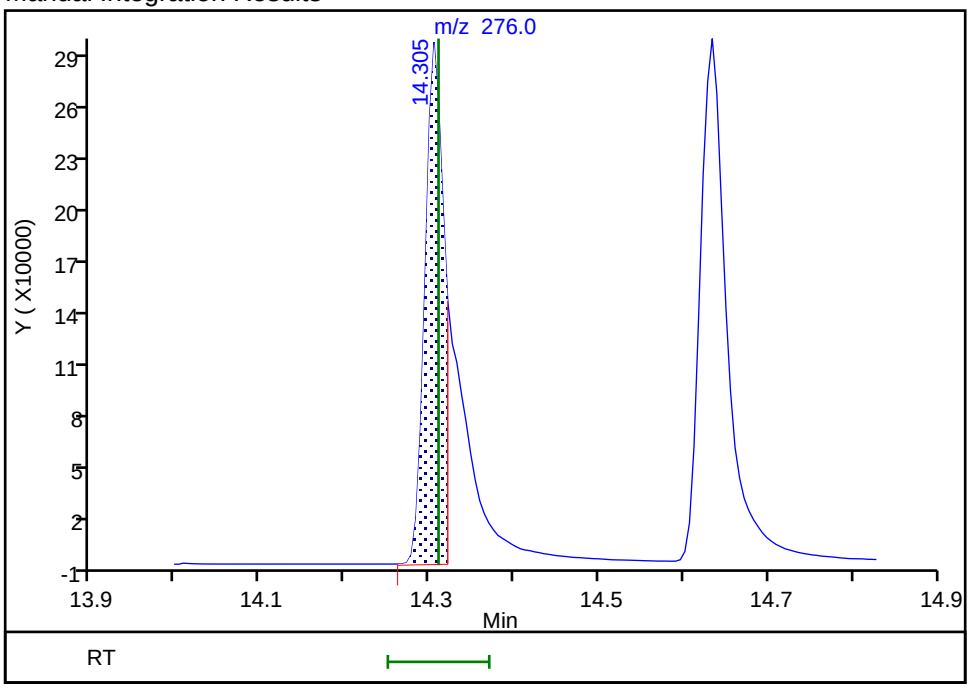
Processing Integration Results

RT: 14.30
Area: 728786
Amount: 1669.4141
Amount Units: ug/L



Manual Integration Results

RT: 14.30
Area: 438796
Amount: 1005.1404
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:56:47
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins FGS, Seattle

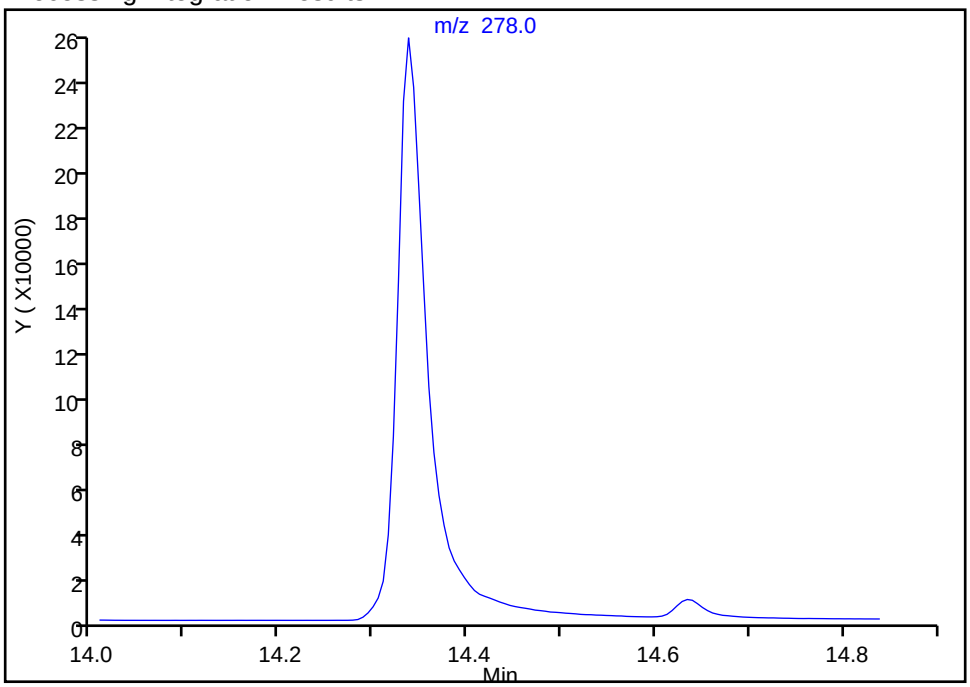
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a033.D
Injection Date: 05-Oct-2021 23:52:30 Instrument ID: SEA101
Lims ID: icv
Client ID:
Operator ID: TL ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

29 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

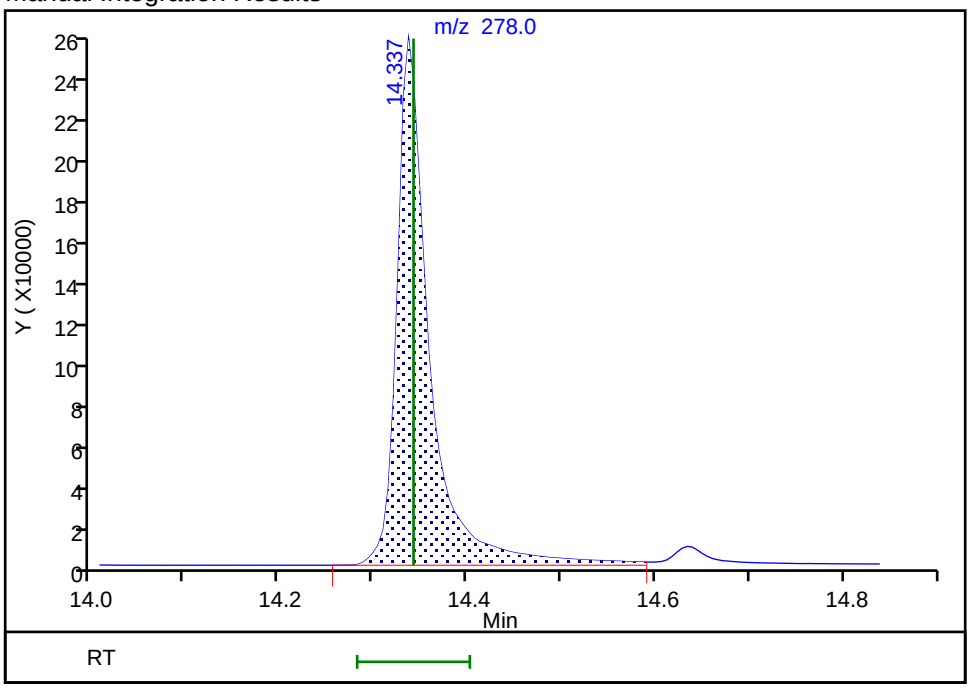
Not Detected
Expected RT: 14.34

Processing Integration Results



Manual Integration Results

RT: 14.34
Area: 620162
Amount: 1143.6665
Amount Units: ug/L



Reviewer: limmere, 06-Oct-2021 11:56:51
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Lab Sample ID: CCVIS 580-383722/3 | Calibration Date: 03/14/2022 13:59

Instrument ID: SEA101 | Calib Start Date: 10/05/2021 18:11

GC Column: ZB-SV ID: 0.25(mm) | Calib End Date: 10/05/2021 23:04

Lab File ID: 031422a010.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Lin2		1.024	0.7000	518	500	3.6	20.0
2-Methylnaphthalene	Ave	0.6197	0.6556	0.4000	529	500	5.8	20.0
1-Methylnaphthalene	Ave	0.7075	0.7020	0.1000	496	500	-0.8	20.0
Acenaphthylene	Ave	1.909	2.013	0.9000	527	500	5.5	20.0
Acenaphthene	Ave	1.349	1.335	0.9000	494	500	-1.1	20.0
Fluorene	Ave	1.377	1.429	0.9000	519	500	3.8	20.0
Pentachlorophenol	Qua2		0.1063	0.0500	700	1000	-30.0*	20.0
Phenanthrene	Ave	1.129	1.150	0.7000	509	500	1.8	20.0
Anthracene	Lin2		1.158	0.7000	456	500	-8.8	20.0
Fluoranthene	Ave	1.265	1.231	0.6000	487	500	-2.7	20.0
Pyrene	Ave	1.334	1.281	0.6000	480	500	-3.9	20.0
Benzo[a]anthracene	Qua2		1.219	0.8000	560	500	12.0	20.0
Chrysene	Qua2		1.637	0.7000	459	500	-8.2	20.0
Benzo[b]fluoranthene	Lin2		1.143	0.7000	493	500	-1.4	20.0
Benzo[k]fluoranthene	Qua2		1.668	0.7000	480	500	-3.9	20.0
Benzo[a]pyrene	Ave	1.336	1.234	0.7000	462	500	-7.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.093	1.095	0.5000	501	500	0.2	20.0
Dibenz(a,h)anthracene	Lin2		1.387	0.4000	510	500	1.9	20.0
Benzo[g,h,i]perylene	Ave	1.608	1.549	0.5000	482	500	-3.7	20.0
2-methylnaphthalene-d10	Ave	0.5890	0.5245		445	500	-10.9	20.0
2-Fluorobiphenyl	Ave	1.387	1.372		495	500	-1.1	20.0
2,4,6-Tribromophenol	Qua2		0.2573		585	500	17.1	20.0
Fluoranthene-d10 (Surr)	Ave	1.105	0.9569		433	500	-13.4	20.0
Terphenyl-d14	Ave	0.7549	0.6398		424	500	-15.3	20.0

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a010.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 14-Mar-2022 13:59:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccvis
Operator ID: tl Instrument ID: SEA101
Sublist: chrom-8270_SIM_SEA101*sub12

Method: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 15-Mar-2022 09:50:04 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: jantanuc Date: 15-Mar-2022 09:26:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.430	5.430	0.000	1	84675	100.0	100.0	
* 2 Naphthalene-d8	136	6.571	6.571	0.000	1	107333	100.0	100.0	
* 3 Acenaphthene-d10	164	8.030	8.030	0.000	1	50432	100.0	100.0	M
* 4 Phenanthrene-d10	188	9.248	9.248	0.000	1	80982	100.0	100.0	
* 5 Chrysene-d12	240	11.426	11.426	0.000	1	61108	100.0	100.0	
* 6 Perylene-d12	264	12.921	12.921	0.000	1	68080	100.0	100.0	M
$ 7 2-methylnaphthalene-d10	152	7.152	7.152	0.000	100	281498	500.0	445.3	
$ 8 2-Fluorobiphenyl	172	7.489	7.489	0.000	1	345856	500.0	494.6	M
$ 9 2,4,6-Tribromophenol	330	8.691	8.691	0.000	1	64890	500.0	585.4	
$ 10 Fluoranthene-d10 (Surr)	212	10.223	10.223	0.000	100	387453	500.0	432.8	
$ 11 Terphenyl-d14	244	10.558	10.558	0.000	1	259053	500.0	423.7	
12 Naphthalene	128	6.586	6.586	0.000	1	549413	500.0	517.8	
13 2-Methylnaphthalene	142	7.178	7.178	0.000	1	351812	500.0	528.9	
14 1-Methylnaphthalene	142	7.254	7.254	0.000	1	376722	500.0	496.1	
15 Acenaphthylene	152	7.916	7.916	0.000	1	507626	500.0	527.3	
16 Acenaphthene	153	8.055	8.055	0.000	5	336512	500.0	494.5	
17 Fluorene	166	8.480	8.480	0.000	1	360427	500.0	519.1	
18 Pentachlorophenol	266	9.116	9.116	0.000	1	53608	1000.0	700.1	M
19 Phenanthrene	178	9.264	9.264	0.000	1	465644	500.0	509.1	
20 Anthracene	178	9.308	9.308	0.000	1	469015	500.0	455.9	
21 Fluoranthene	202	10.237	10.237	0.000	1	498471	500.0	486.6	
22 Pyrene	202	10.422	10.422	0.000	22	518810	500.0	480.4	
23 Benzo[a]anthracene	228	11.416	11.416	0.000	1	372482	500.0	560.1	
24 Chrysene	228	11.448	11.448	0.000	1	500119	500.0	458.9	
25 Benzo[b]fluoranthene	252	12.483	12.483	0.000	1	388966	500.0	493.1	
26 Benzo[k]fluoranthene	252	12.515	12.515	0.000	1	567935	500.0	480.4	
27 Benzo[a]pyrene	252	12.851	12.851	0.000	1	419946	500.0	461.6	
28 Indeno[1,2,3-cd]pyrene	276	14.192	14.192	0.000	1	372761	500.0	501.0	M
29 Dibenz(a,h)anthracene	278	14.219	14.219	0.000	1	471970	500.0	509.5	a
30 Benzo[g,h,i]perylene	276	14.515	14.515	0.000	6	527311	500.0	481.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

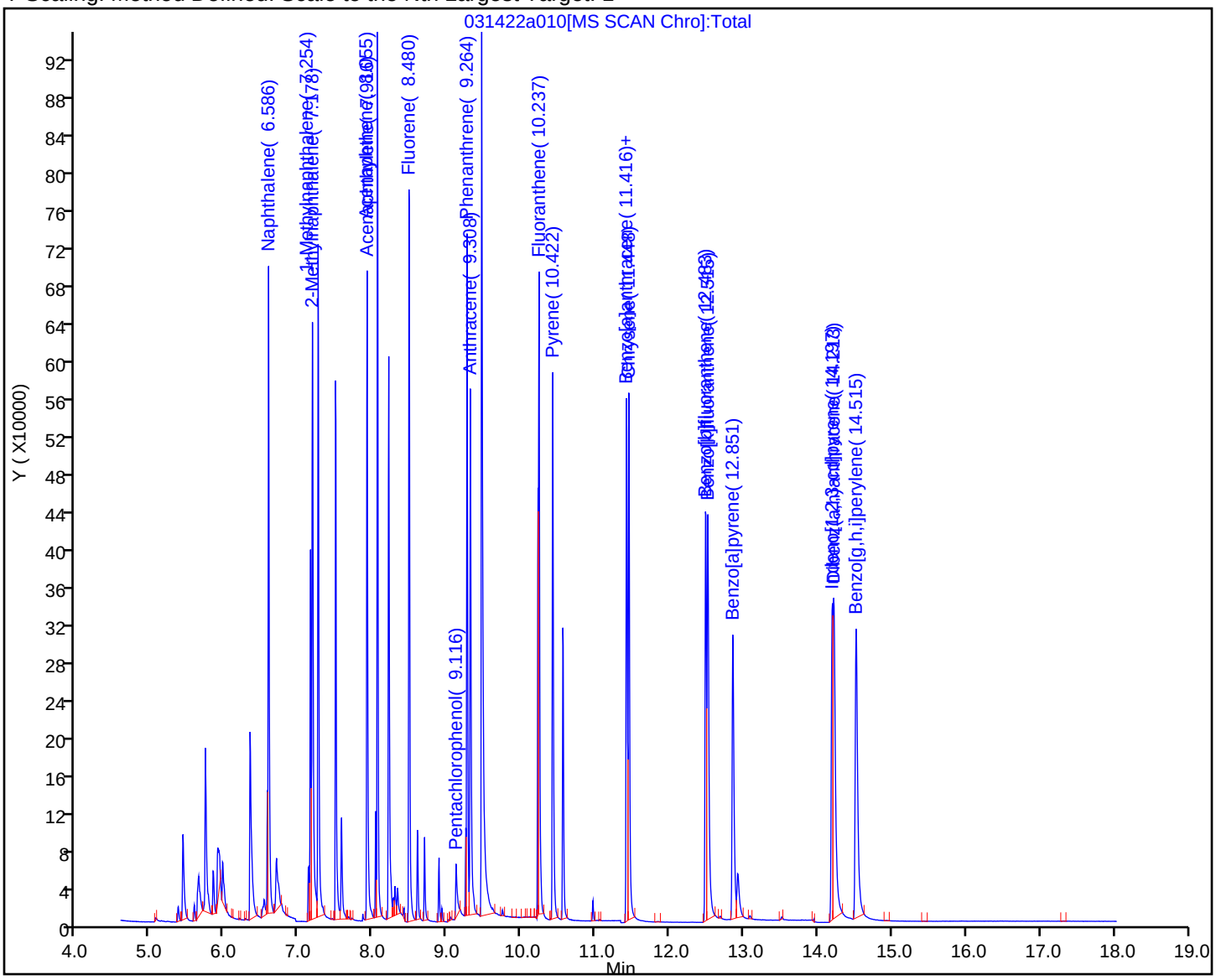
Reagents:

ccv_SIM_500_00086 Amount Added: 1.00 Units: mL

Report Date: 15-Mar-2022 09:50:05 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a010.D
Injection Date: 14-Mar-2022 13:59:30 Instrument ID: SEA101
Lims ID: ccvis
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

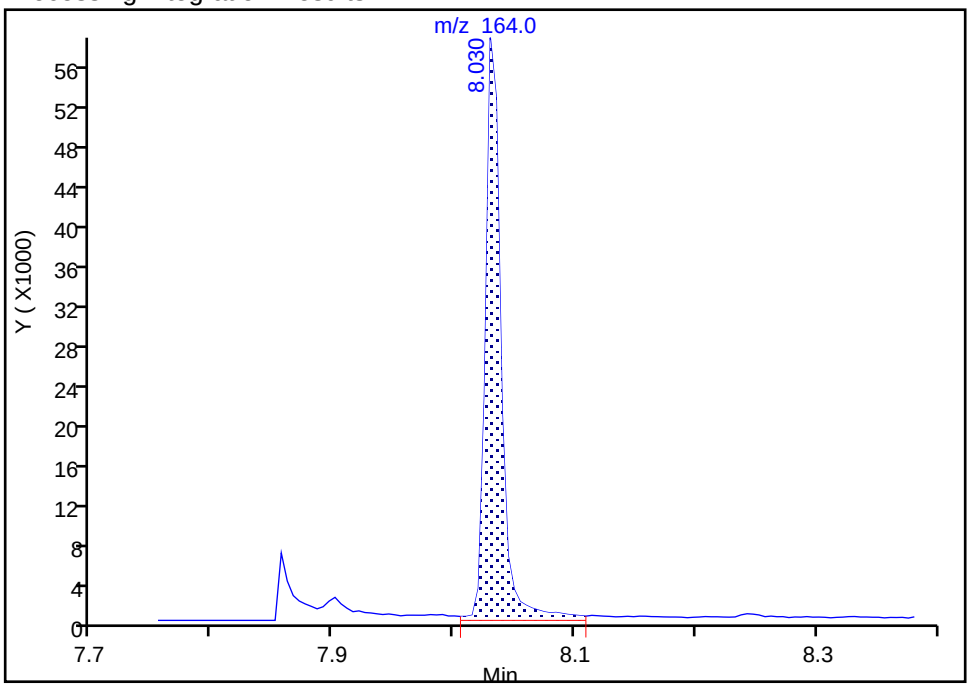
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a010.D
Injection Date: 14-Mar-2022 13:59:30 Instrument ID: SEA101
Lims ID: ccvis
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

* 3 Acenaphthene-d10, CAS: 15067-26-2

Signal: 1

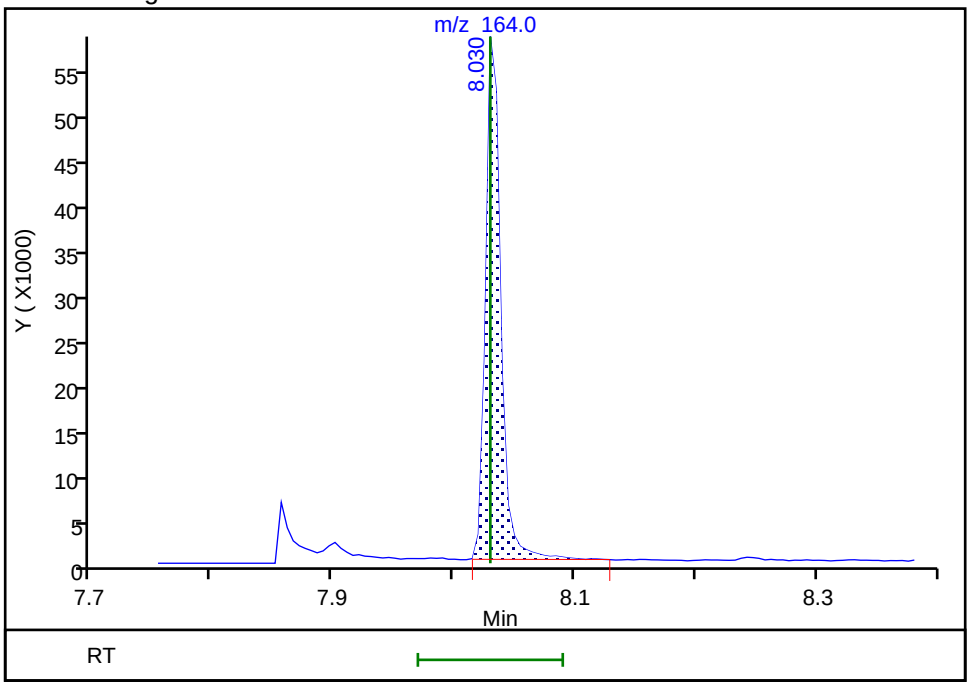
Processing Integration Results

RT: 8.03
Area: 53056
Amount: 100.0000
Amount Units: ug/L



Manual Integration Results

RT: 8.03
Area: 50432
Amount: 100.0000
Amount Units: ug/L



Reviewer: limmere, 14-Mar-2022 15:15:31
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

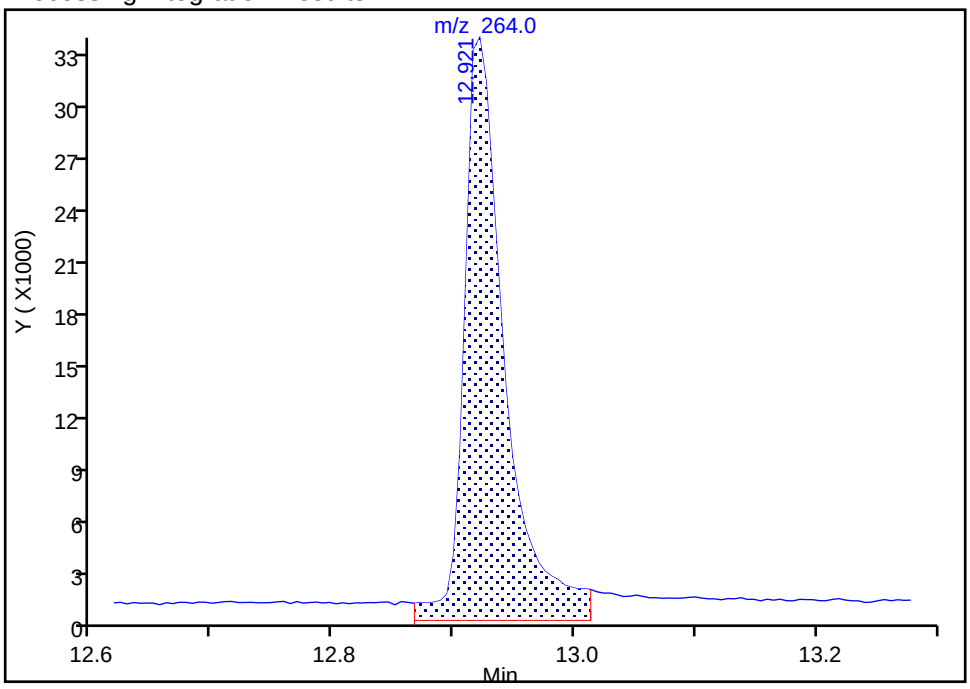
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a010.D
Injection Date: 14-Mar-2022 13:59:30 Instrument ID: SEA101
Lims ID: ccvis
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

* 6 Perylene-d12, CAS: 1520-96-3

Signal: 1

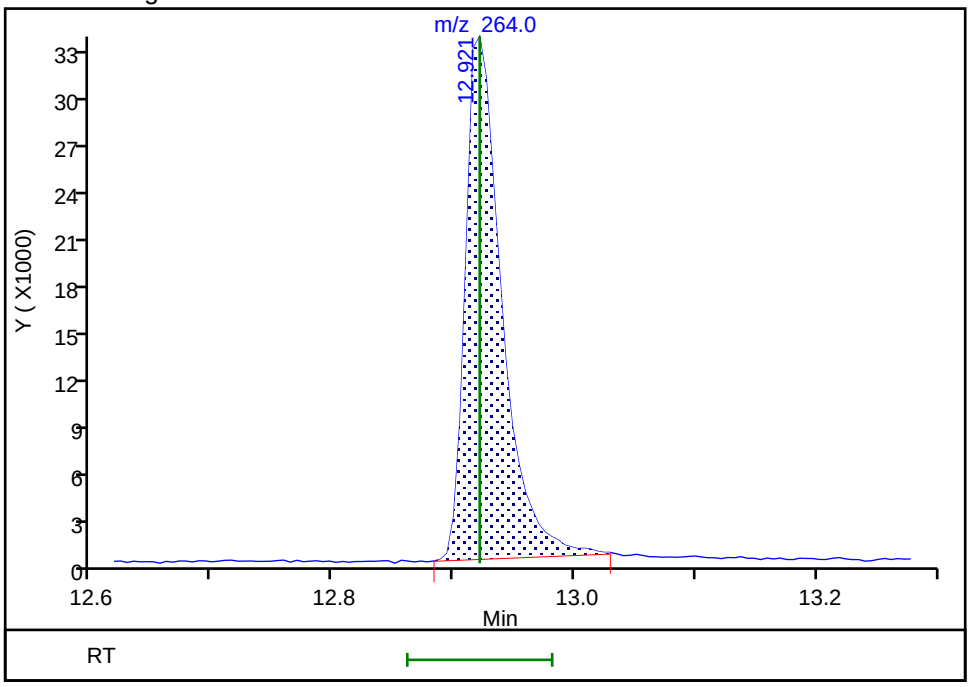
Processing Integration Results

RT: 12.92
Area: 78366
Amount: 100.0000
Amount Units: ug/L



Manual Integration Results

RT: 12.92
Area: 68080
Amount: 100.0000
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 09:25:26
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

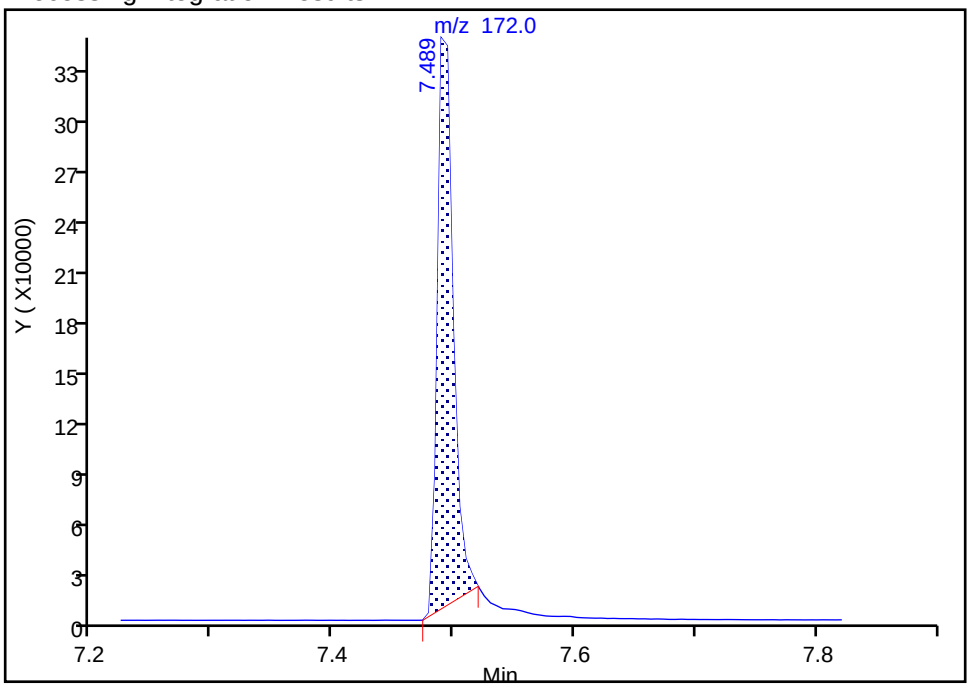
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a010.D
Injection Date: 14-Mar-2022 13:59:30 Instrument ID: SEA101
Lims ID: ccvis
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 8 2-Fluorobiphenyl, CAS: 321-60-8

Signal: 1

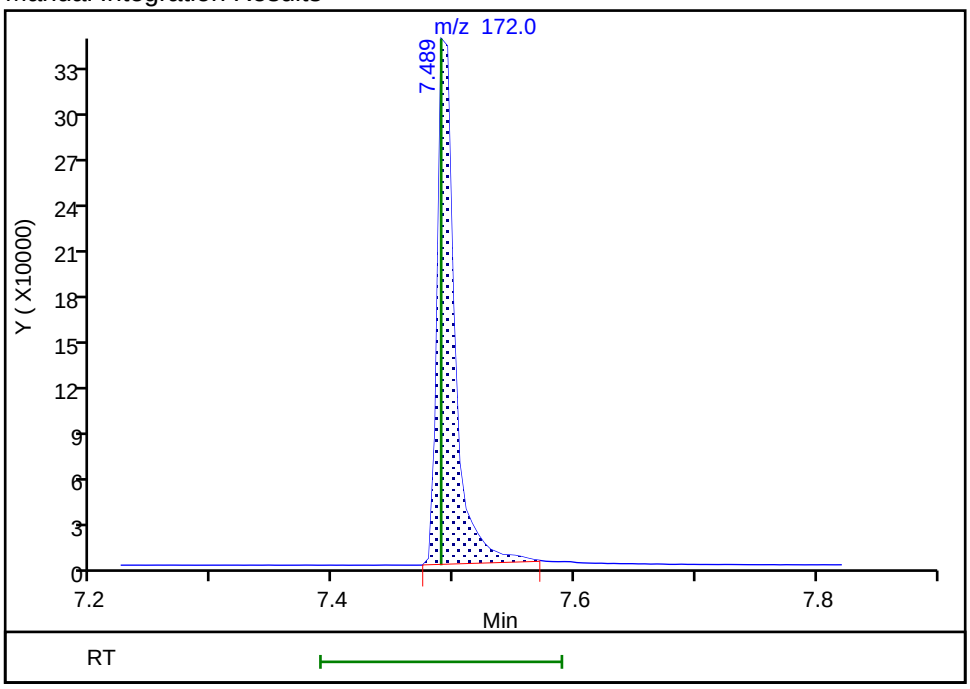
Processing Integration Results

RT: 7.49
Area: 302422
Amount: 432.4959
Amount Units: ug/L



Manual Integration Results

RT: 7.49
Area: 345856
Amount: 494.6111
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 09:25:34
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

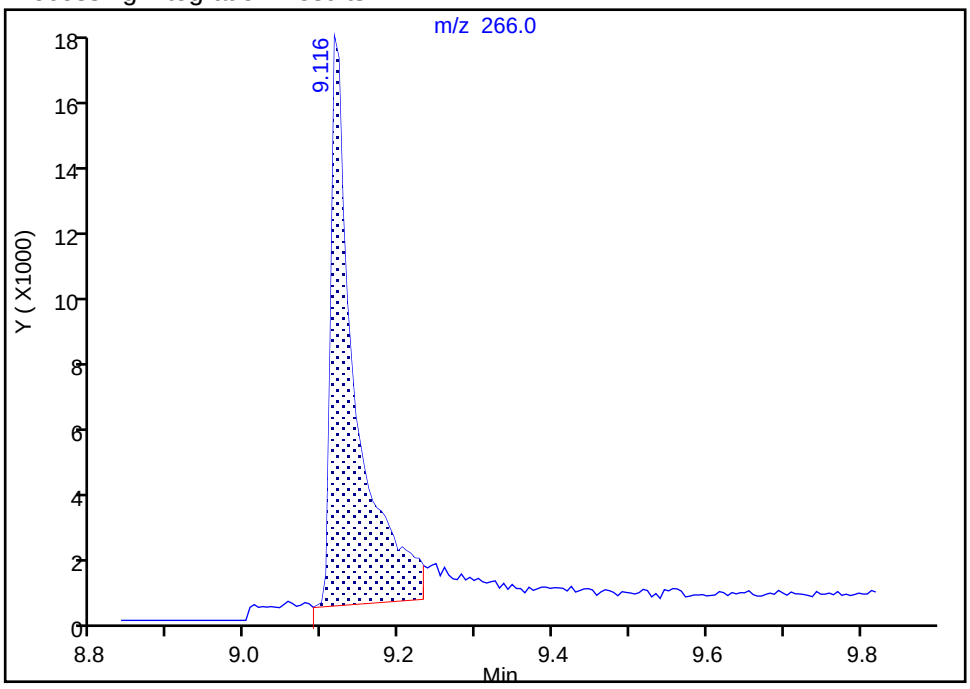
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a010.D
Injection Date: 14-Mar-2022 13:59:30 Instrument ID: SEA101
Lims ID: ccvis
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

18 Pentachlorophenol, CAS: 87-86-5

Signal: 1

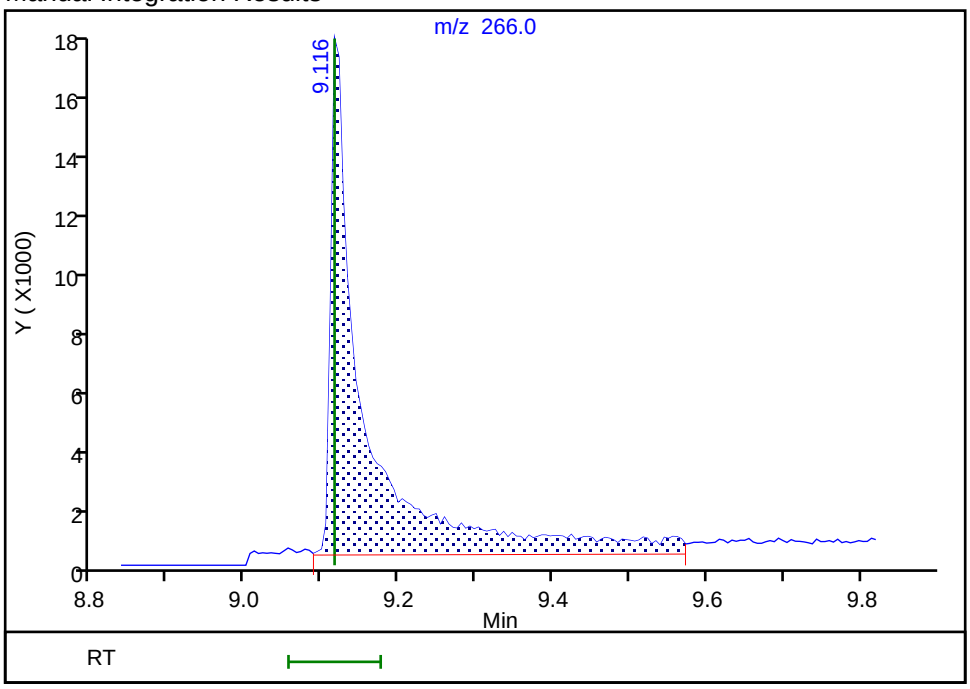
Processing Integration Results

RT: 9.12
Area: 38235
Amount: 486.2183
Amount Units: ug/L



Manual Integration Results

RT: 9.12
Area: 53608
Amount: 700.0898
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 09:49:37
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Seattle

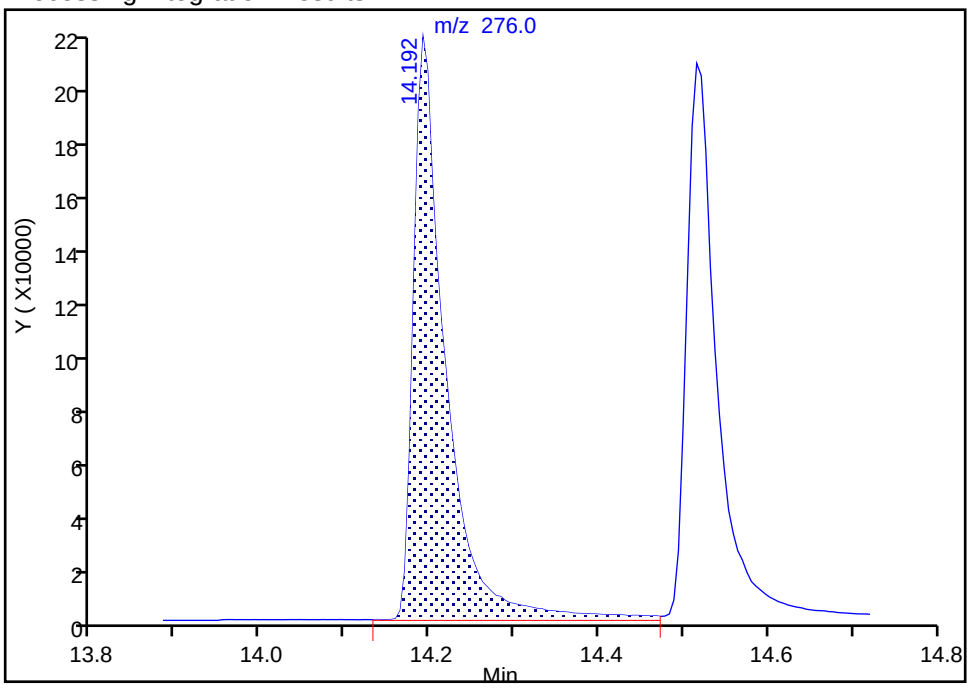
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a010.D
Injection Date: 14-Mar-2022 13:59:30 Instrument ID: SEA101
Lims ID: ccvis
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

28 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

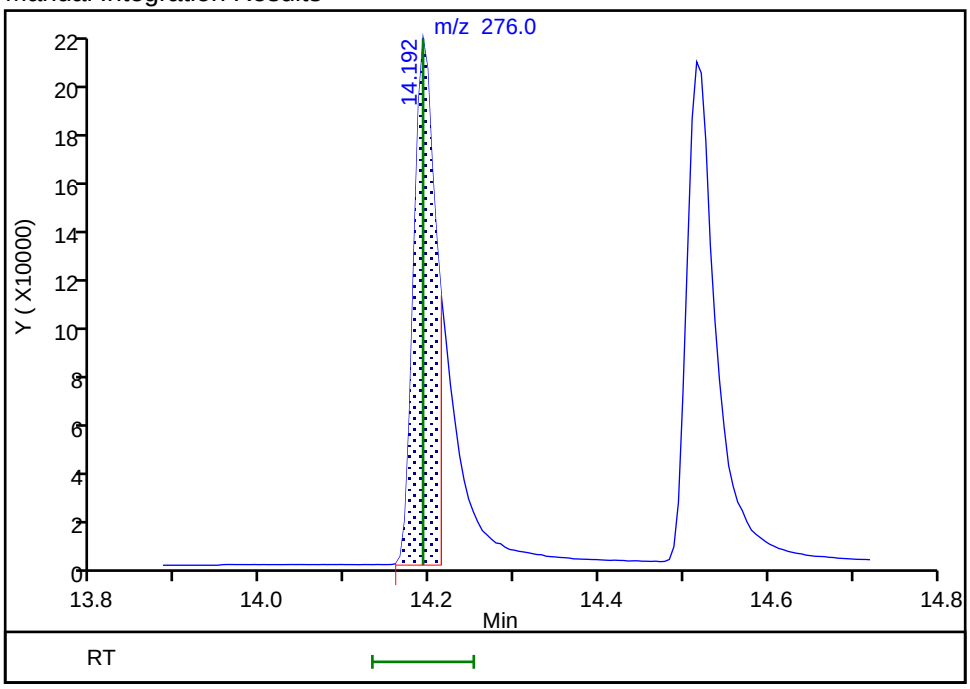
Processing Integration Results

RT: 14.19
Area: 561637
Amount: 754.9101
Amount Units: ug/L



Manual Integration Results

RT: 14.19
Area: 372761
Amount: 501.0372
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 09:50:00
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Seattle

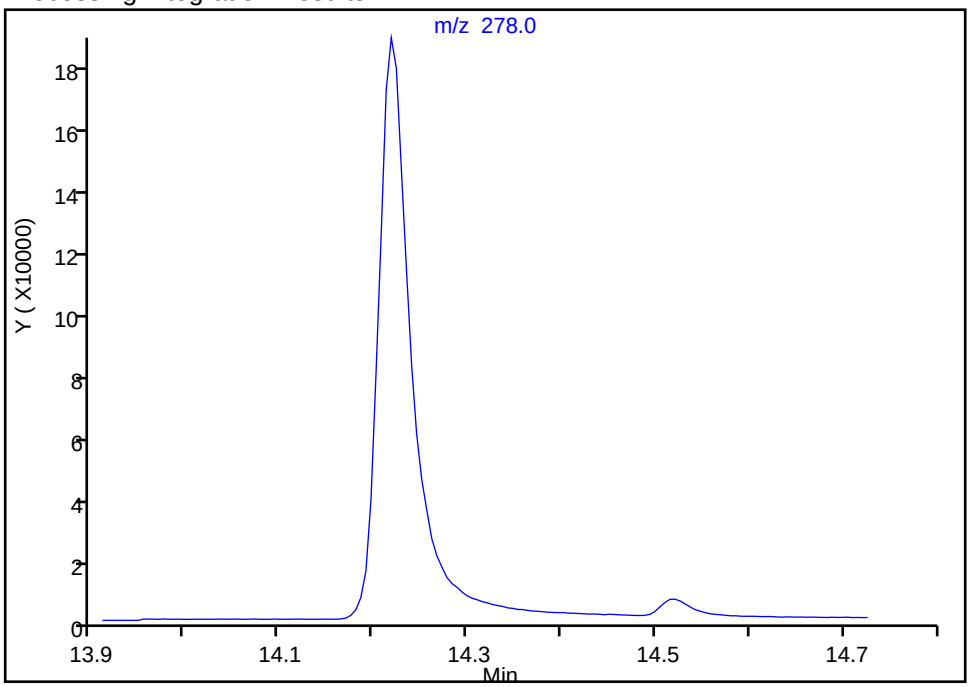
Data File:	\\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a010.D				
Injection Date:	14-Mar-2022 13:59:30	Instrument ID:	SEA101		
Lims ID:	ccvis				
Client ID:					
Operator ID:	tl	ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

29 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

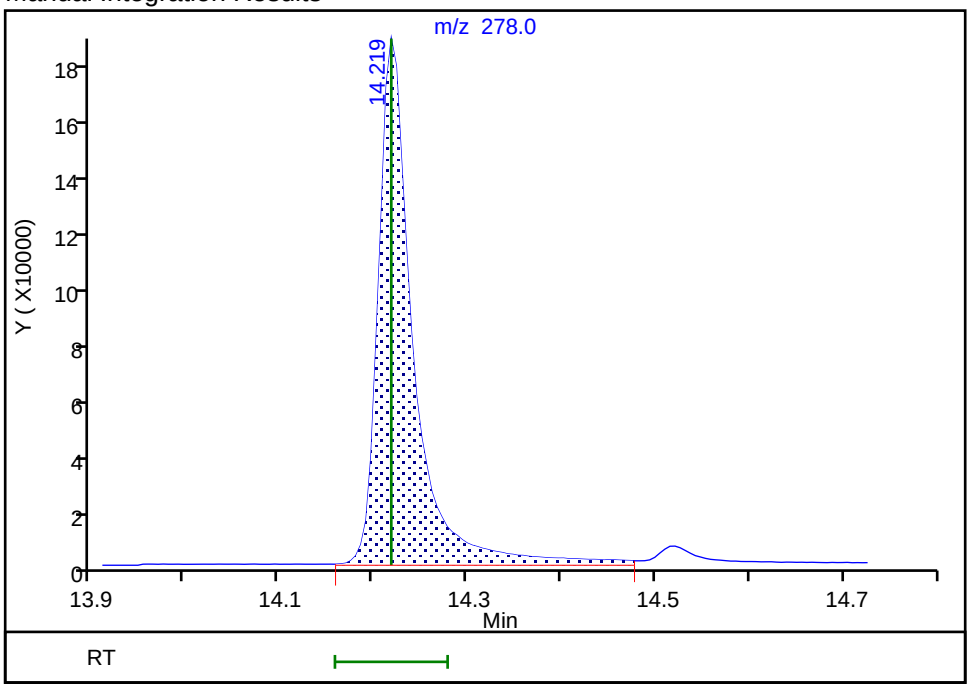
Not Detected
Expected RT: 14.22

Processing Integration Results



Manual Integration Results

RT: 14.22
Area: 471970
Amount: 509.5315
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 09:26:00
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Lab Sample ID: CCVC 580-383722/28 | Calibration Date: 03/15/2022 00:11

Instrument ID: SEA101 | Calib Start Date: 10/05/2021 18:11

GC Column: ZB-SV ID: 0.25(mm) | Calib End Date: 10/05/2021 23:04

Lab File ID: 031422a035.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Lin2		1.025	0.7000	519	500	3.7	50.0
2-Methylnaphthalene	Ave	0.6197	0.6640	0.4000	536	500	7.1	50.0
1-Methylnaphthalene	Ave	0.7075	0.7053	0.1000	498	500	-0.3	50.0
Acenaphthylene	Ave	1.909	1.909	0.9000	500	500	0.0	50.0
Acenaphthene	Ave	1.349	1.265	0.9000	469	500	-6.3	50.0
Fluorene	Ave	1.377	1.352	0.9000	491	500	-1.8	50.0
Pentachlorophenol	Qua2		0.0298*	0.0500	212	1000	-78.8*	50.0
Phenanthrene	Ave	1.129	1.157	0.7000	512	500	2.5	50.0
Anthracene	Lin2		1.206	0.7000	475	500	-5.0	50.0
Fluoranthene	Ave	1.265	1.257	0.6000	497	500	-0.6	50.0
Pyrene	Ave	1.334	1.325	0.6000	497	500	-0.7	50.0
Benzo[a]anthracene	Qua2		1.340	0.8000	613	500	22.6	50.0
Chrysene	Qua2		1.639	0.7000	459	500	-8.1	50.0
Benzo[b]fluoranthene	Lin2		1.190	0.7000	513	500	2.7	50.0
Benzo[k]fluoranthene	Qua2		1.609	0.7000	463	500	-7.4	50.0
Benzo[a]pyrene	Ave	1.336	1.190	0.7000	445	500	-11.0	50.0
Indeno[1,2,3-cd]pyrene	Ave	1.093	0.9067	0.5000	415	500	-17.0	50.0
Dibenz(a,h)anthracene	Lin2		1.165	0.4000	428	500	-14.4	50.0
Benzo[g,h,i]perylene	Ave	1.608	1.188	0.5000	369	500	-26.1	50.0
2-methylnaphthalene-d10	Ave	0.5890	0.5248		445	500	-10.9	50.0
2-Fluorobiphenyl	Ave	1.387	1.288		465	500	-7.1	50.0
2,4,6-Tribromophenol	Qua2		0.2531		576	500	15.2	50.0
Fluoranthene-d10 (Surr)	Ave	1.105	0.9915		448	500	-10.3	50.0
Terphenyl-d14	Ave	0.7549	0.6508		431	500	-13.8	50.0

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a035.D
Lims ID: ccvc
Client ID:
Sample Type: CCVC
Inject. Date: 15-Mar-2022 00:11:30 ALS Bottle#: 3 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccvis
Operator ID: tl Instrument ID: SEA101
Sublist: chrom-8270_SIM_SEA101*sub12

Method: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 15-Mar-2022 16:14:59 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: jantanuc Date: 15-Mar-2022 16:14:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.430	5.430	0.000	1	83838	100.0	100.0	
* 2 Naphthalene-d8	136	6.571	6.571	0.000	1	105339	100.0	100.0	
* 3 Acenaphthene-d10	164	8.030	8.030	0.000	1	53286	100.0	100.0	
* 4 Phenanthrene-d10	188	9.248	9.248	0.000	1	81290	100.0	100.0	
* 5 Chrysene-d12	240	11.426	11.426	0.000	1	63046	100.0	100.0	M
* 6 Perylene-d12	264	12.916	12.916	0.000	1	73947	100.0	100.0	M
$ 7 2-methylnaphthalene-d10	152	7.152	7.152	0.000	100	276391	500.0	445.5	
$ 8 2-Fluorobiphenyl	172	7.489	7.489	0.000	1	343186	500.0	464.5	M
$ 9 2,4,6-Tribromophenol	330	8.691	8.691	0.000	1	67431	500.0	576.2	
$ 10 Fluoranthene-d10 (Surr)	212	10.219	10.219	0.000	99	402997	500.0	448.4	
$ 11 Terphenyl-d14	244	10.558	10.558	0.000	1	264527	500.0	431.0	
12 Naphthalene	128	6.586	6.586	0.000	1	540036	500.0	518.6	
13 2-Methylnaphthalene	142	7.178	7.178	0.000	1	349709	500.0	535.7	
14 1-Methylnaphthalene	142	7.254	7.254	0.000	1	371467	500.0	498.4	
15 Acenaphthylene	152	7.916	7.916	0.000	1	508686	500.0	500.1	
16 Acenaphthene	153	8.055	8.055	0.000	4	337027	500.0	468.7	
17 Fluorene	166	8.480	8.480	0.000	1	360290	500.0	491.1	
18 Pentachlorophenol	266	9.116	9.116	0.000	1	15894	1000.0	212.1	M
19 Phenanthrene	178	9.264	9.264	0.000	1	470379	500.0	512.3	
20 Anthracene	178	9.308	9.308	0.000	1	490326	500.0	474.9	
21 Fluoranthene	202	10.237	10.237	0.000	1	510885	500.0	496.8	
22 Pyrene	202	10.418	10.418	0.000	22	538442	500.0	496.7	
23 Benzo[a]anthracene	228	11.416	11.416	0.000	1	422544	500.0	612.9	
24 Chrysene	228	11.448	11.448	0.000	1	516683	500.0	459.5	
25 Benzo[b]fluoranthene	252	12.483	12.483	0.000	1	439909	500.0	513.3	
26 Benzo[k]fluoranthene	252	12.515	12.515	0.000	1	594834	500.0	462.9	
27 Benzo[a]pyrene	252	12.851	12.851	0.000	1	439858	500.0	445.1	
28 Indeno[1,2,3-cd]pyrene	276	14.192	14.192	0.000	1	335245	500.0	414.9	M
29 Dibenz(a,h)anthracene	278	14.219	14.219	0.000	1	430865	500.0	427.9	a
30 Benzo[g,h,i]perylene	276	14.515	14.515	0.000	6	439267	500.0	369.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ccv_SIM_500_00086 Amount Added: 1.00 Units: mL

Report Date: 15-Mar-2022 16:15:00 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a035.D

Injection Date: 15-Mar-2022 00:11:30 Instrument ID: SEA101

Lims ID: ccvc

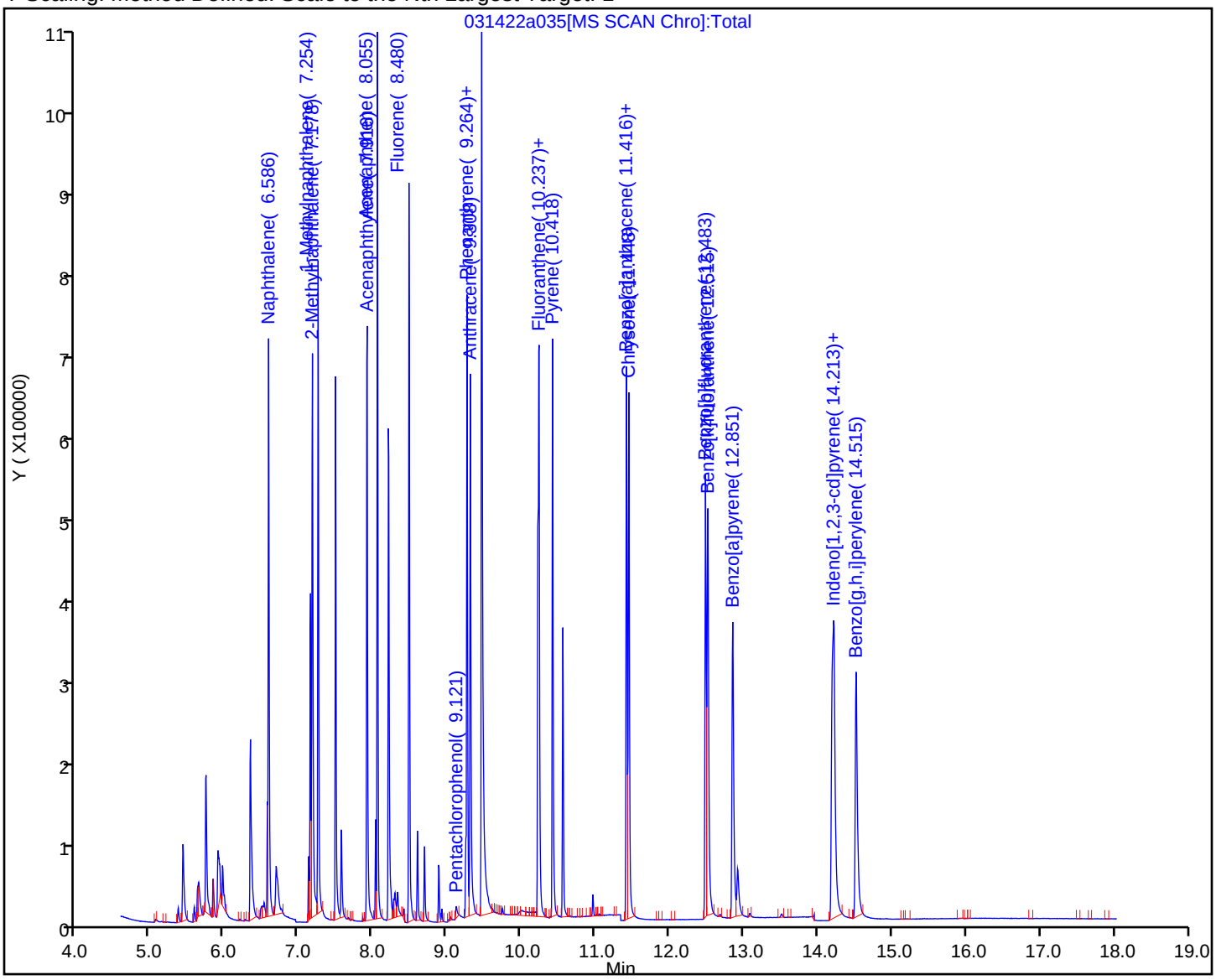
Client ID:

Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 28

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Seattle

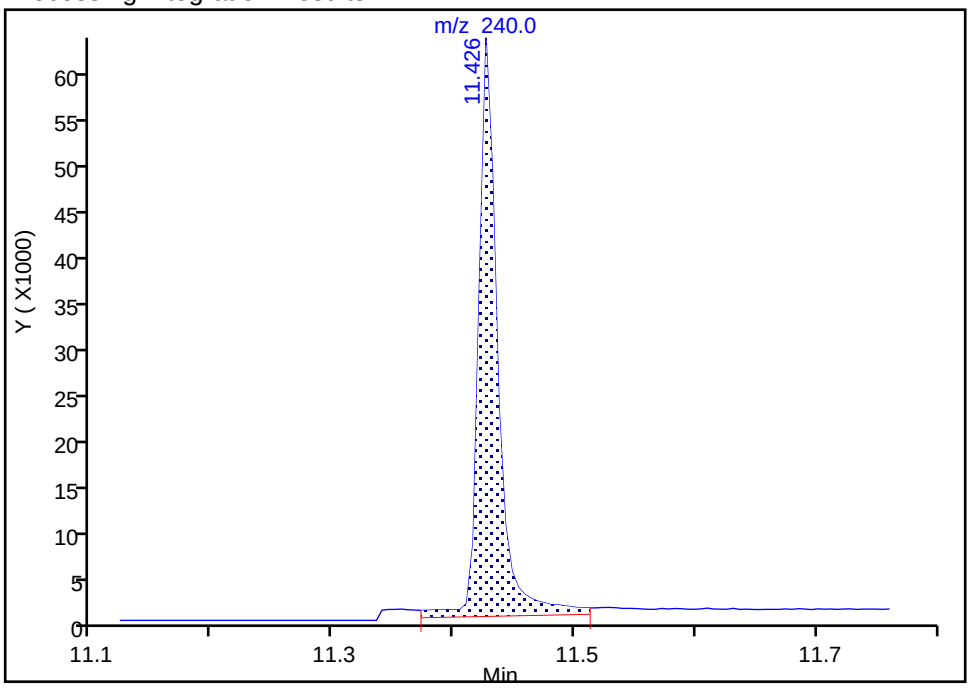
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a035.D
Injection Date: 15-Mar-2022 00:11:30 Instrument ID: SEA101
Lims ID: ccvc
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

* 5 Chrysene-d12, CAS: 1719-03-5

Signal: 1

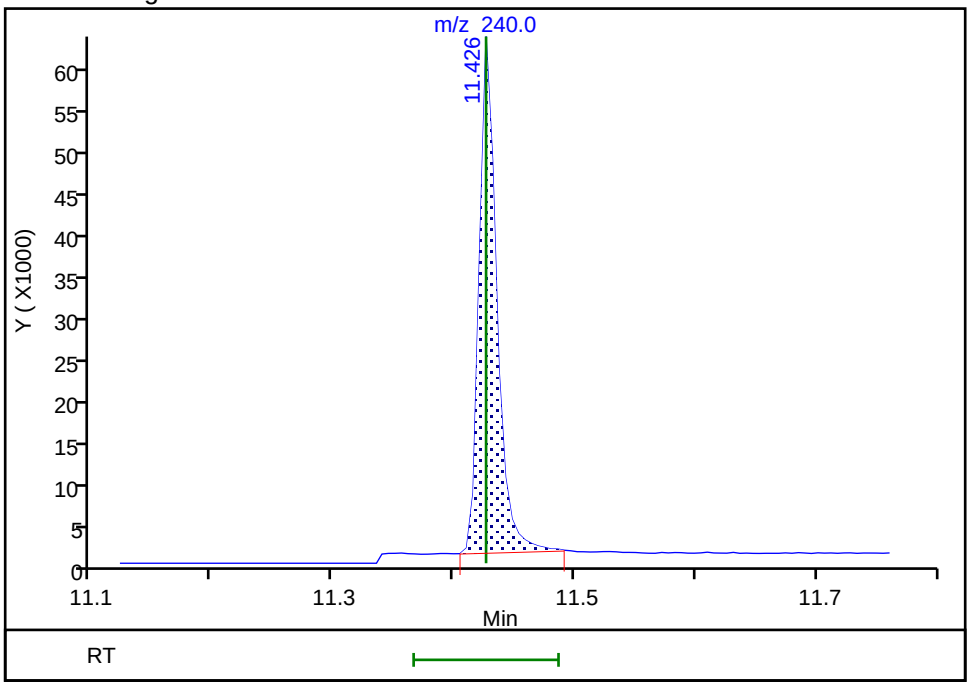
Processing Integration Results

RT: 11.43
Area: 69788
Amount: 100.0000
Amount Units: ug/L



Manual Integration Results

RT: 11.43
Area: 63046
Amount: 100.0000
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 16:14:14
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Seattle

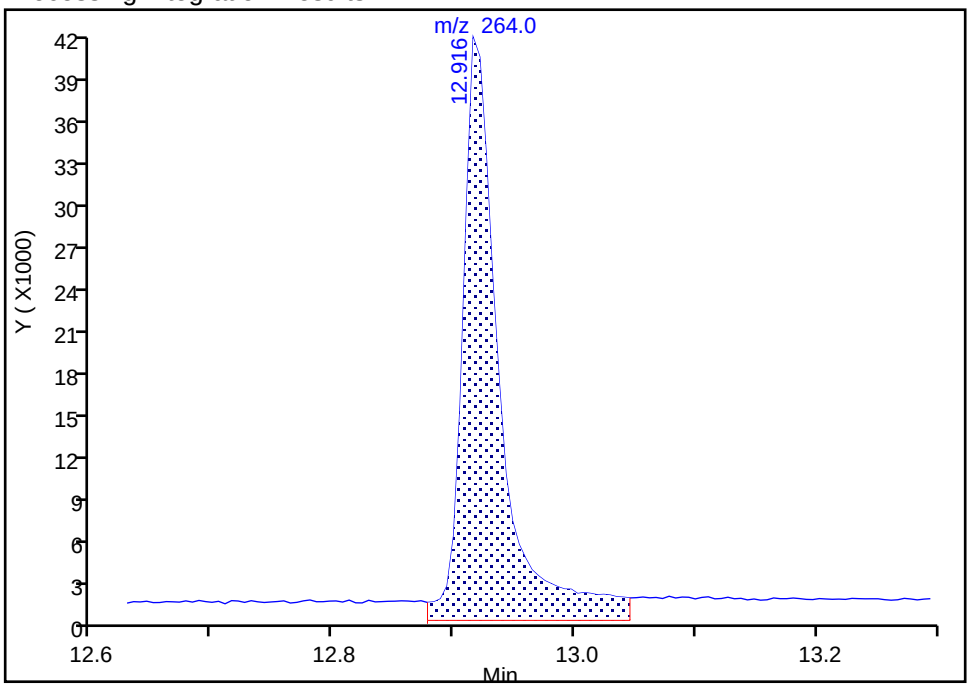
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a035.D
Injection Date: 15-Mar-2022 00:11:30 Instrument ID: SEA101
Lims ID: ccvc
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

* 6 Perylene-d12, CAS: 1520-96-3

Signal: 1

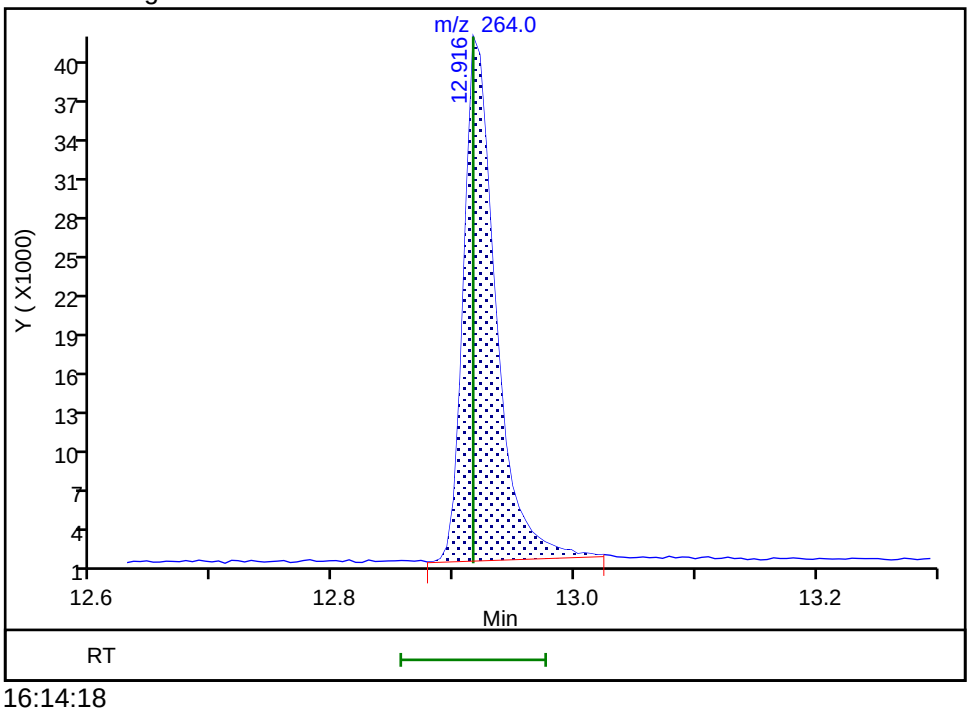
Processing Integration Results

RT: 12.92
Area: 88888
Amount: 100.0000
Amount Units: ug/L



Manual Integration Results

RT: 12.92
Area: 73947
Amount: 100.0000
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 16:14:18
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Seattle

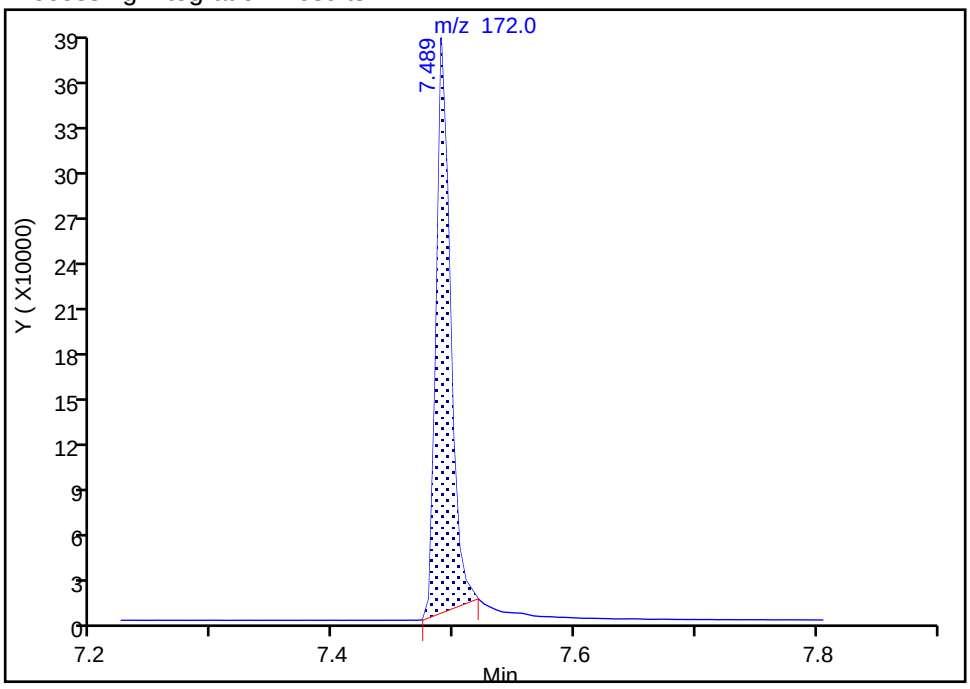
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a035.D
Injection Date: 15-Mar-2022 00:11:30 Instrument ID: SEA101
Lims ID: ccvc
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

$ 8 2-Fluorobiphenyl, CAS: 321-60-8

Signal: 1

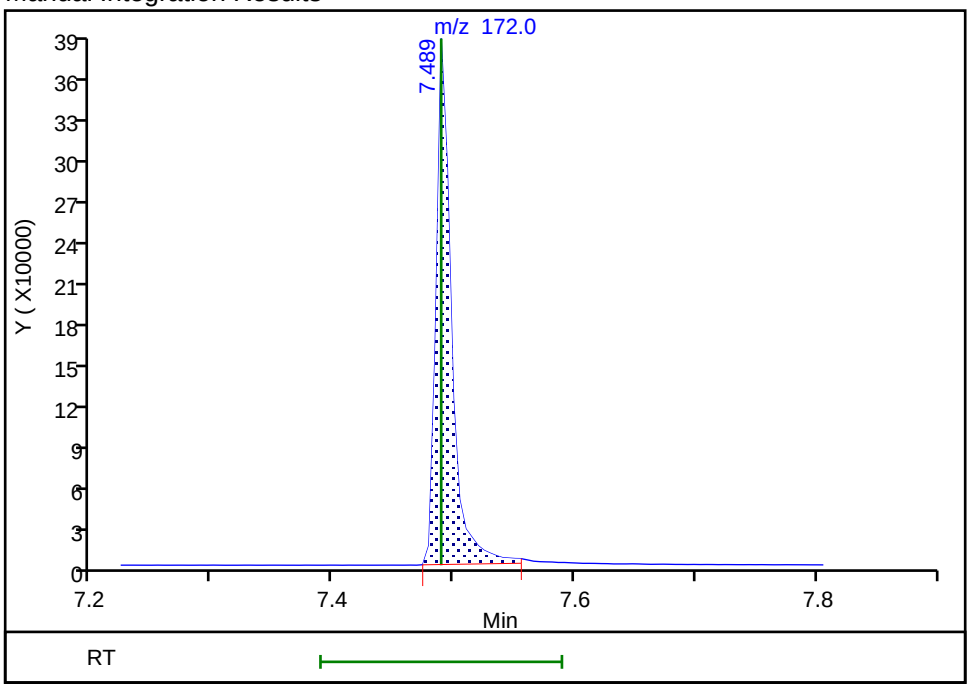
Processing Integration Results

RT: 7.49
Area: 311682
Amount: 421.8649
Amount Units: ug/L



Manual Integration Results

RT: 7.49
Area: 343186
Amount: 464.5059
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 16:14:25
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Seattle

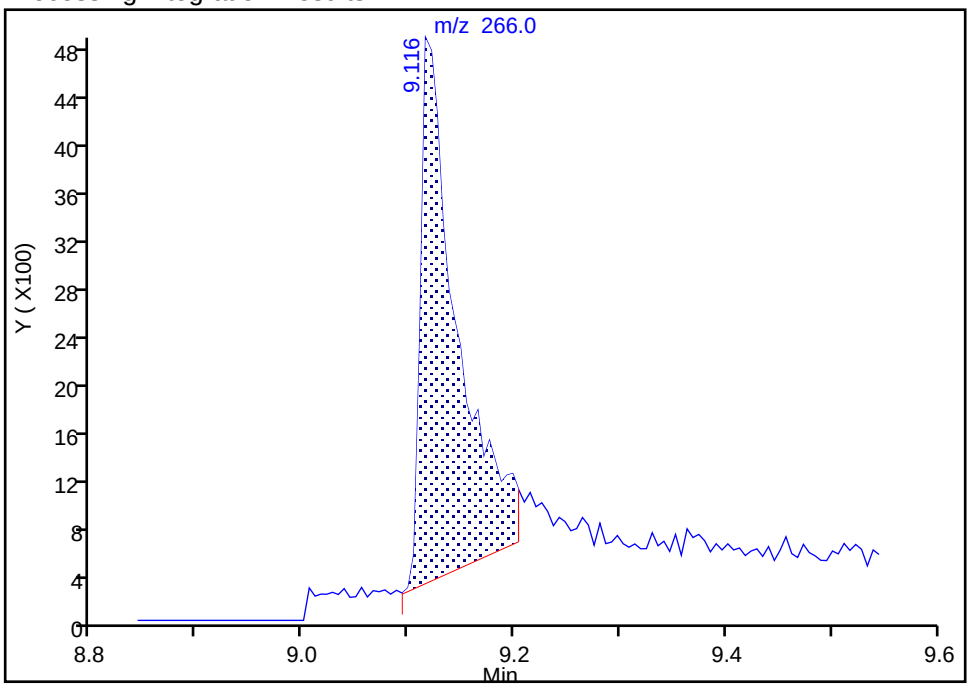
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a035.D
Injection Date: 15-Mar-2022 00:11:30 Instrument ID: SEA101
Lims ID: ccvc
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

18 Pentachlorophenol, CAS: 87-86-5

Signal: 1

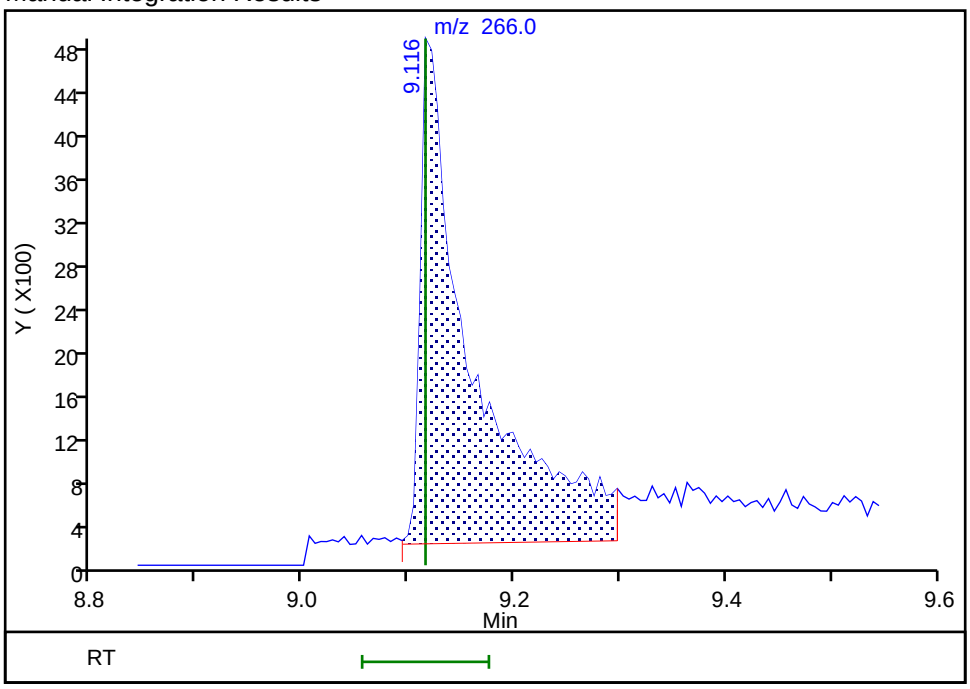
Processing Integration Results

RT: 9.12
Area: 10877
Amount: 149.3510
Amount Units: ug/L



Manual Integration Results

RT: 9.12
Area: 15894
Amount: 212.1254
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 16:14:37
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Seattle

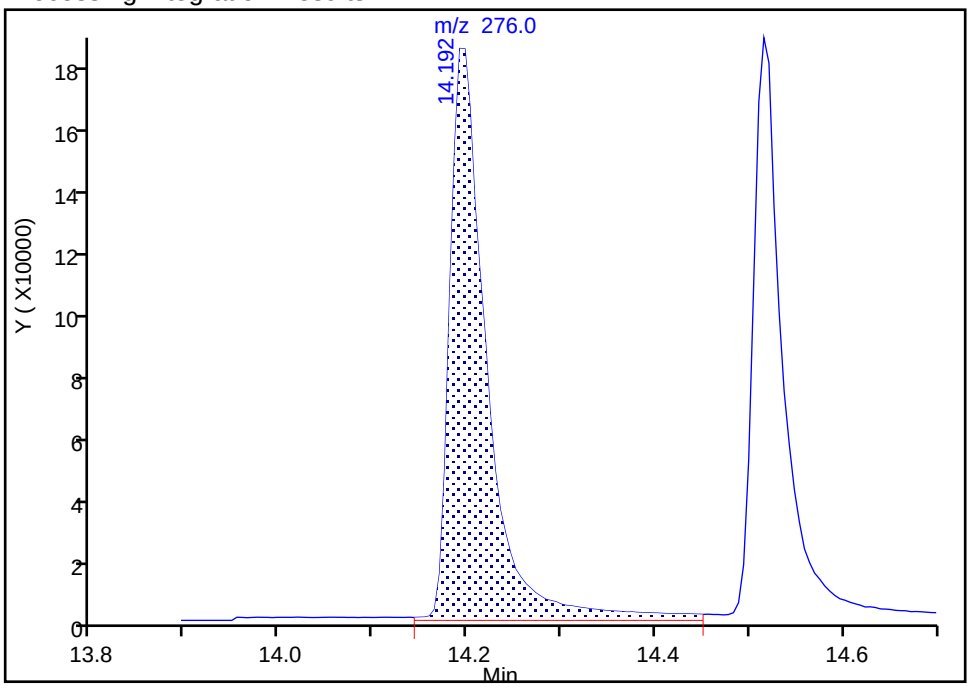
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a035.D
Injection Date: 15-Mar-2022 00:11:30 Instrument ID: SEA101
Lims ID: ccvc
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

28 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

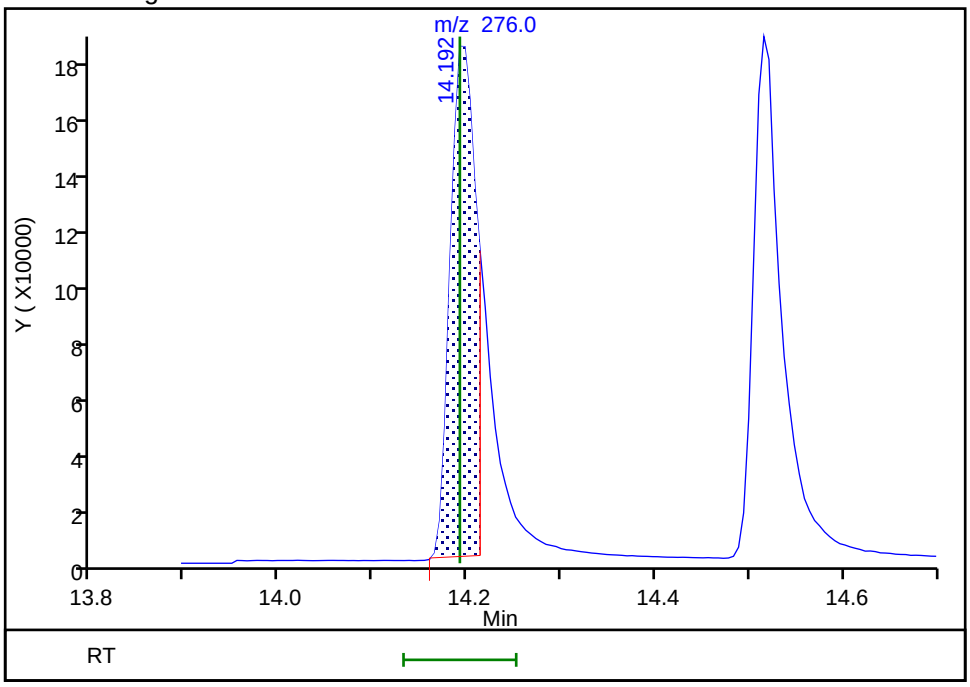
Processing Integration Results

RT: 14.19
Area: 513589
Amount: 635.5566
Amount Units: ug/L



Manual Integration Results

RT: 14.19
Area: 335245
Amount: 414.8593
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 16:14:51
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Seattle

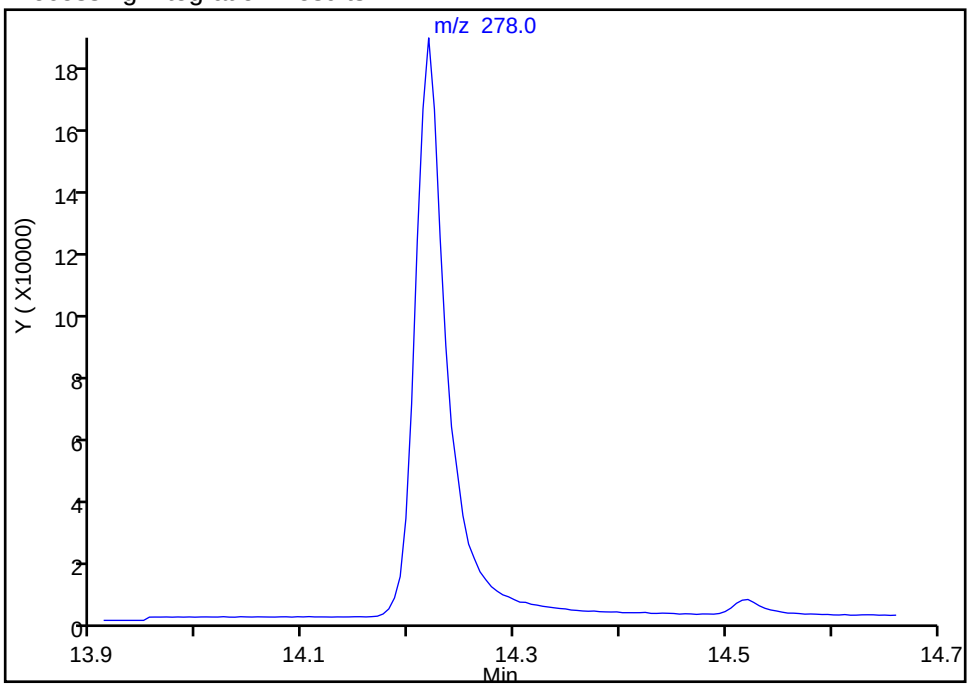
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a035.D
Injection Date: 15-Mar-2022 00:11:30 Instrument ID: SEA101
Lims ID: ccvc
Client ID:
Operator ID: tl ALS Bottle#: 3 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

29 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

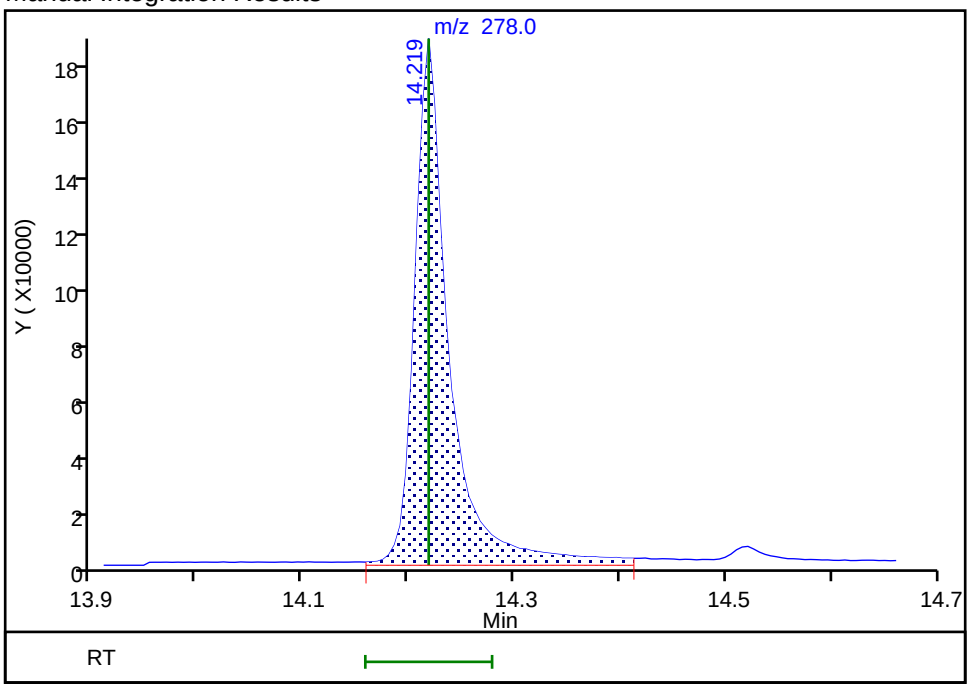
Not Detected
Expected RT: 14.22

Processing Integration Results



Manual Integration Results

RT: 14.22
Area: 430865
Amount: 427.9064
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 16:14:54
Audit Action: Assigned Compound ID Audit Reason: Assign Peak

Eurofins FGS, Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a017.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 05-Oct-2021 17:30:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: dftpp
Operator ID: TL Instrument ID: SEA101

Method: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 06-Oct-2021 14:02:12 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1647

First Level Reviewer: limmere Date: 06-Oct-2021 14:02:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
33 Pentachlorophenol_T	266	5.681	5.681	0.000	0	888376	NR	NR	
34 DFTPP									
35 Benzidine_T	184	6.604	6.604	0.000	0	3927461	NR	NR	
36 4,4'-DDE	246	6.716	6.716	0.000	0	1598		NR	Ma
37 4,4'-DDD	235	6.936	6.936	0.000	0	0		NR	a
38 4,4'-DDT	235	7.134	7.134	0.000	0	2654492	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

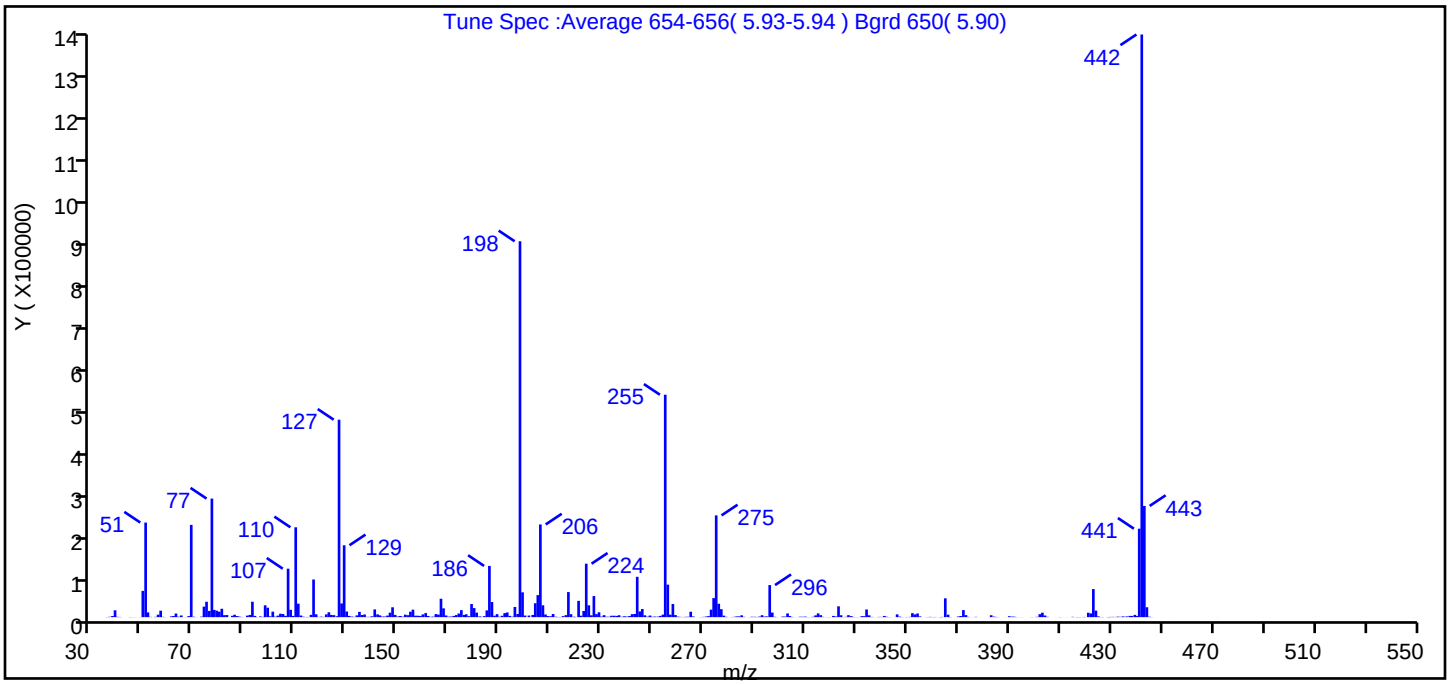
DFTPPx2_00044 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins FGS, Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a017.D
Injection Date: 05-Oct-2021 17:30:30 Instrument ID: SEA101
Lims ID: dftpp
Client ID:
Operator ID: TL ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Tune Method: DFTPP Method 525.2, BP 198

34 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (64.5)
51	10-80% of the base peak	25.2
68	<2% of mass 69	0.3 (1.1)
69	Present	24.5
70	<2% of mass 69	0.1 (0.4)
127	10-80% of the base peak	52.5
197	<2% of mass 198	0.8
199	5-9% of mass 198	6.6
275	10-60% of the base peak	27.1
365	>1% of the base peak	5.0
441	Present and < mass 443	23.5 (79.6)
442	base peak, or >50% of 198	155.0
443	15-24% of mass 442	29.6 (19.1)

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a017.D\8270_SIM_SEA101.rslt\spectra.
Injection Date: 05-Oct-2021 17:30:30
Spectrum: Tune Spec :Average 654-656(5.93-5.94) Bgrd 650(5.90)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 390

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	360	140.00	1981	239.00	2072	340.00	632
37.00	872	141.00	18112	240.00	1340	341.00	2837
38.00	2659	142.00	6443	241.00	2575	342.00	893
39.00	16046	143.00	4164	242.00	6982	343.00	352
40.00	782	144.00	1368	243.00	7423	344.00	66
41.00	458	145.00	1447	244.00	94360	345.00	60
45.00	365	146.00	3652	245.00	13421	346.00	6510
46.00	199	147.00	10409	246.00	19072	347.00	1283
47.00	207	148.00	23048	247.00	4269	348.00	358
49.00	299	149.00	5243	248.00	1097	349.00	129
50.00	61408	150.00	1483	249.00	3735	350.00	435
51.00	221248	151.00	2677	250.00	857	351.00	684
52.00	11101	152.00	1260	251.00	1360	352.00	9277
53.00	650	153.00	5822	252.00	1297	353.00	6309
54.00	51	154.00	4571	253.00	2916	354.00	8568
55.00	761	155.00	12656	254.00	5867	355.00	1706
56.00	5746	156.00	17472	255.00	520256	357.00	109
57.00	15068	157.00	3429	256.00	76056	358.00	321
58.00	764	158.00	3239	257.00	5755	359.00	663
59.00	177	159.00	2870	258.00	30752	360.00	393
60.00	38	160.00	6425	259.00	4886	361.00	431
61.00	1690	161.00	9539	260.00	1200	362.00	139
62.00	2671	162.00	2760	261.00	598	363.00	320
63.00	8440	163.00	764	262.00	381	364.00	513
64.00	1149	164.00	1202	263.00	697	365.00	43992
65.00	3881	165.00	7134	264.00	908	366.00	5716
66.00	126	166.00	5938	265.00	12677	367.00	346
67.00	269	167.00	43008	266.00	1606	370.00	1406
68.00	2441	168.00	20560	268.00	26	371.00	2643
69.00	215808	169.00	3874	269.00	308	372.00	16544
70.00	944	170.00	1074	270.00	701	373.00	4727
71.00	162	171.00	1429	271.00	1451	374.00	672
72.00	13	172.00	2877	272.00	2421	376.00	85

Report Date: 06-Oct-2021 14:02:12 Chrom Revision: 2.3 22-Sep-2021 15:38:46
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a017.D\8270_SIM_SEA101.rslt\spectra.
Injection Date: 05-Oct-2021 17:30:30
Spectrum: Tune Spec :Average 654-656(5.93-5.94) Bgrd 650(5.90)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 390

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	1171	173.00	4811	273.00	17488	377.00	690
74.00	24632	174.00	8402	274.00	44560	378.00	78
75.00	35976	175.00	16424	275.00	238016	380.00	65
76.00	14567	176.00	5096	276.00	31360	382.00	62
77.00	277312	177.00	6710	277.00	18616	383.00	4457
78.00	16920	178.00	2310	278.00	3432	384.00	1286
79.00	15168	179.00	30648	279.00	675	385.00	455
80.00	12814	180.00	21224	280.00	76	386.00	163
81.00	19600	181.00	10536	281.00	198	389.00	80
82.00	4639	182.00	1586	282.00	687	390.00	2183
83.00	4871	183.00	926	283.00	1726	391.00	1267
85.00	3125	184.00	2369	284.00	1788	392.00	1074
86.00	5619	185.00	15772	285.00	4264	393.00	283
87.00	2515	186.00	119840	286.00	650	395.00	152
88.00	1361	187.00	35280	288.00	218	396.00	72
89.00	434	188.00	3289	289.00	932	398.00	58
91.00	3550	189.00	7020	290.00	794	399.00	315
92.00	5159	190.00	1082	291.00	483	400.00	78
93.00	36064	191.00	3225	292.00	1360	401.00	797
94.00	2893	192.00	9415	293.00	4512	402.00	6968
95.00	316	193.00	10952	294.00	1304	403.00	10354
96.00	1677	194.00	2971	295.00	1696	404.00	3823
97.00	626	195.00	1113	296.00	74984	405.00	798
98.00	27688	196.00	23848	297.00	10689	409.00	93
99.00	22024	197.00	7419	298.00	870	410.00	302
100.00	1907	198.00	879232	299.00	240	411.00	110
101.00	12846	199.00	58056	301.00	1220	412.00	119
102.00	1159	200.00	3680	302.00	1398	413.00	73
103.00	3554	202.00	3733	303.00	8593	415.00	712
104.00	8033	203.00	5155	304.00	2611	416.00	334
105.00	7307	204.00	32496	305.00	555	417.00	215
106.00	3065	205.00	51488	306.00	136	418.00	396
107.00	113368	206.00	216832	307.00	56	419.00	541
108.00	17136	207.00	27696	308.00	991	420.00	178

Report Date: 06-Oct-2021 14:02:12 Chrom Revision: 2.3 22-Sep-2021 15:38:46
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a017.D\8270_SIM_SEA101.rslt\spectra.
Injection Date: 05-Oct-2021 17:30:30
Spectrum: Tune Spec :Average 654-656(5.93-5.94) Bgrd 650(5.90)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 390

m/z	Y	m/z	Y	m/z	Y	m/z	Y
109.00	2883	208.00	6179	309.00	934	421.00	10281
110.00	210176	209.00	2596	310.00	1259	422.00	8675
111.00	31520	210.00	2202	311.00	268	423.00	65648
112.00	3828	211.00	7295	312.00	203	424.00	15231
113.00	1109	212.00	992	313.00	899	425.00	1745
114.00	432	213.00	532	314.00	4097	426.00	324
115.00	495	214.00	420	315.00	8747	427.00	258
116.00	5341	215.00	2392	316.00	4653	428.00	255
117.00	88080	216.00	4655	317.00	754	429.00	394
118.00	6674	217.00	58664	318.00	134	430.00	493
119.00	594	218.00	6889	319.00	275	431.00	640
120.00	1127	219.00	940	320.00	160	432.00	636
121.00	609	220.00	548	321.00	2840	433.00	1151
122.00	6417	221.00	38144	322.00	1616	434.00	941
123.00	11420	222.00	3334	323.00	25264	435.00	1546
124.00	5166	223.00	14428	324.00	4424	436.00	1644
125.00	4659	224.00	125000	325.00	293	437.00	2922
126.00	2139	225.00	27664	326.00	747	438.00	2814
127.00	461824	226.00	4197	327.00	4656	439.00	5299
128.00	32040	227.00	49328	328.00	2410	440.00	2613
129.00	168128	228.00	7172	329.00	519	441.00	206912
130.00	13173	229.00	11355	330.00	300	442.00	1362944
131.00	2837	230.00	1370	331.00	203	443.00	260096
132.00	1271	231.00	4602	332.00	2196	444.00	23144
133.00	649	232.00	898	333.00	2288	445.00	1030
134.00	4126	233.00	905	334.00	17912	446.00	218
135.00	12339	234.00	3288	335.00	4251	453.00	83
136.00	5007	235.00	3356	336.00	566	472.00	80
137.00	6190	236.00	2869	337.00	133	549.00	105
138.00	674	237.00	4433	338.00	154		
139.00	691	238.00	881	339.00	551		

Report Date: 06-Oct-2021 14:02:13 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins FGS, Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a017.D

Injection Date: 05-Oct-2021 17:30:30 Instrument ID: SEA101

Lims ID: dftpp

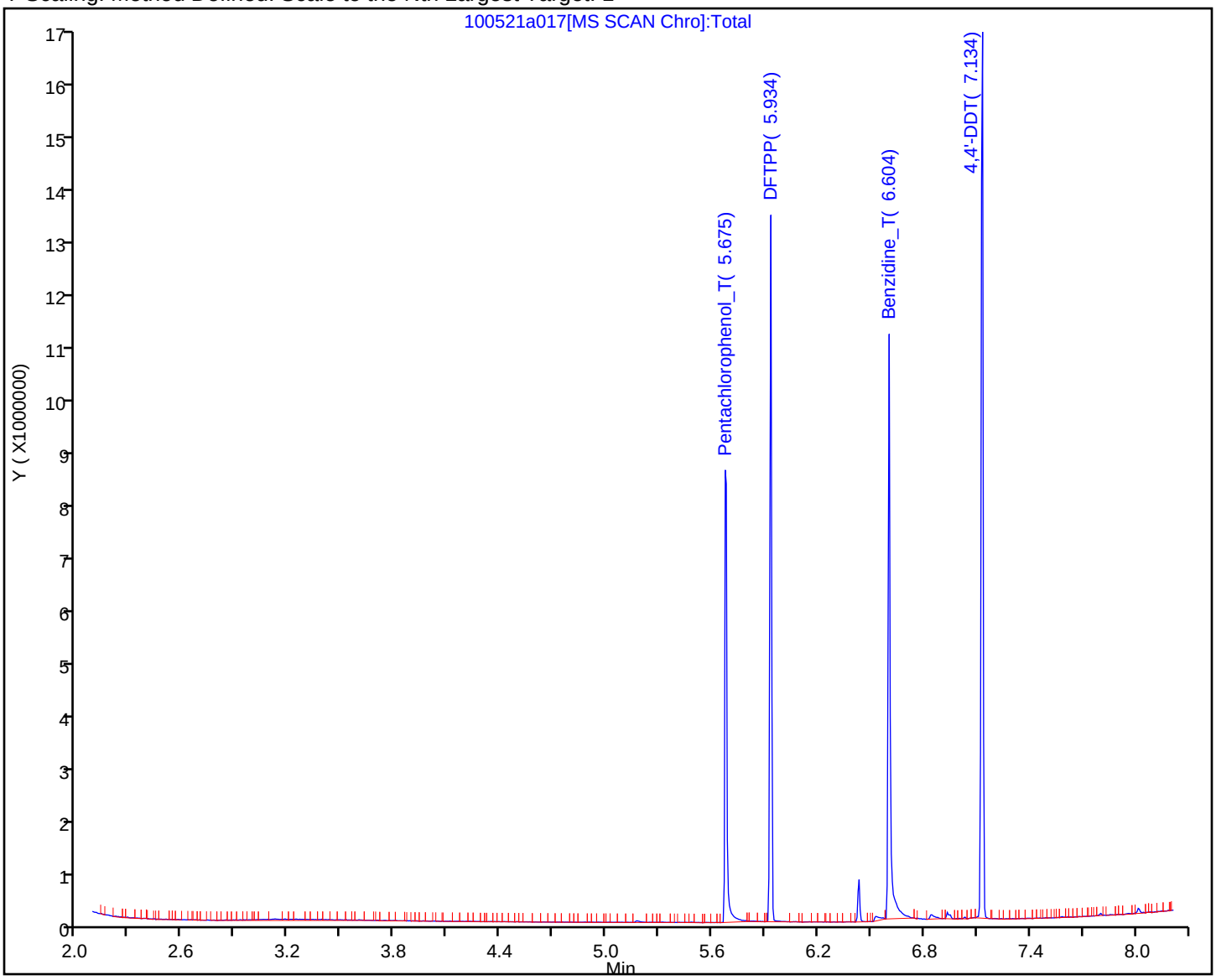
Client ID:

Operator ID: TL ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Breakdown Report

Eurofins FGS, Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a017.D
Injection Date: 05-Oct-2021 17:30:30 Instrument ID: SEA101
Lims ID: dftpp
Client ID:
Operator ID: TL ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

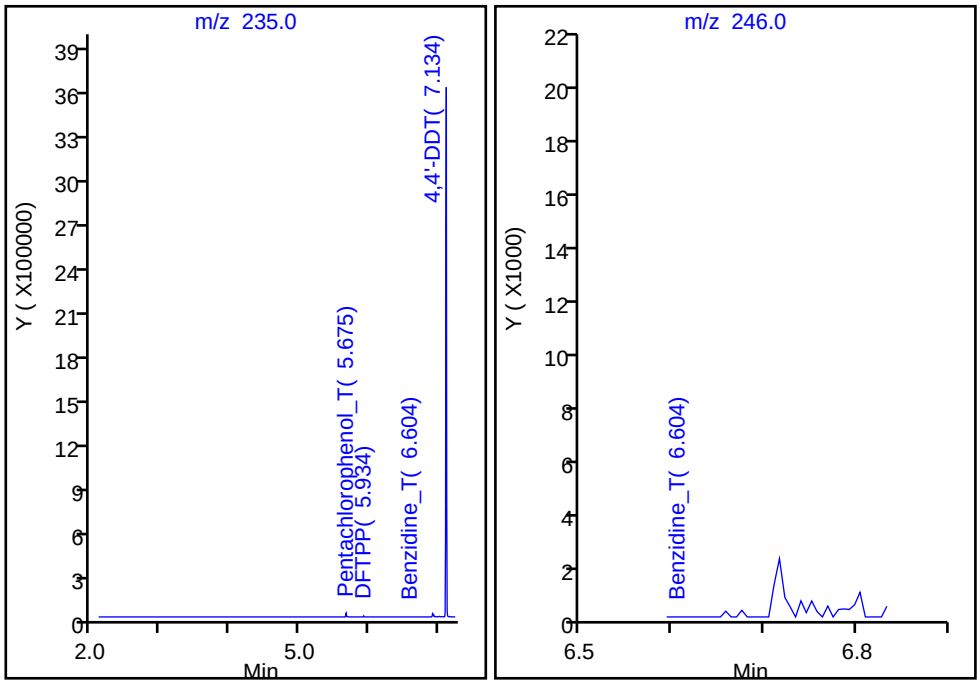
38 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

38 4,4'-DDT, Area = 2654492
36 4,4'-DDE, Area = 1598
37 4,4'-DDD, Area = 0

%Breakdown: 0.06%, <= 20.00%
Passed



Peak Tailing Report

Eurofins FGS, Seattle

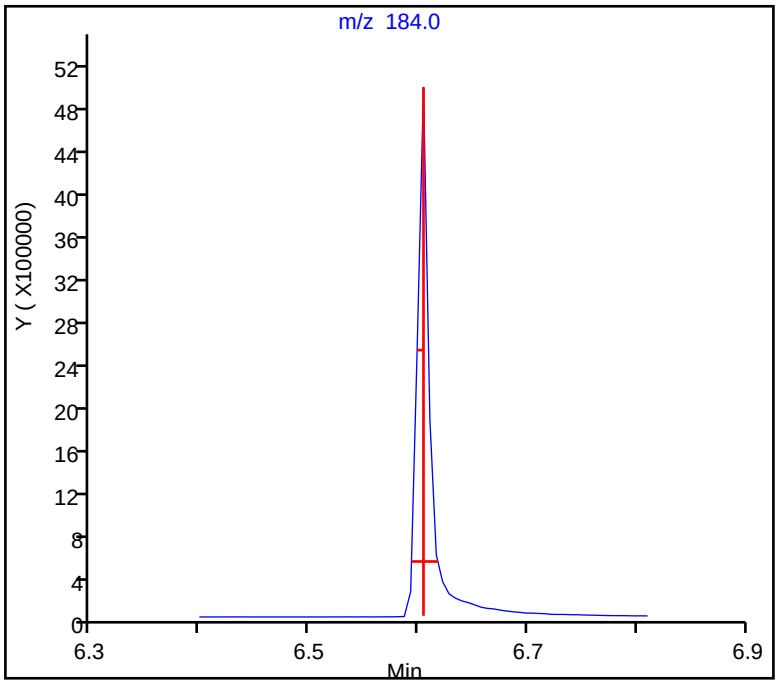
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a017.D
Injection Date: 05-Oct-2021 17:30:30 Instrument ID: SEA101
Lims ID: dftpp
Client ID:
Operator ID: TL ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

35 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 1.18, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins FGS, Seattle

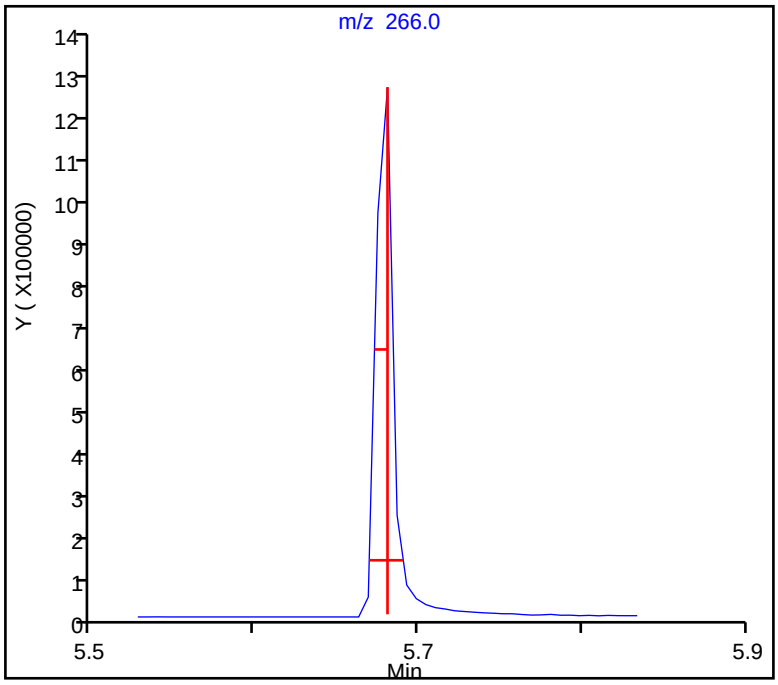
Data File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a017.D
Injection Date: 05-Oct-2021 17:30:30 Instrument ID: SEA101
Lims ID: dftpp
Client ID:
Operator ID: TL ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

33 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 0.91, Max. Tailing <= 2.00
Passed



Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a009.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 14-Mar-2022 13:43:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: dftpp
Operator ID: tl Instrument ID: SEA101

Method: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 15-Mar-2022 09:24:00 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: jantanuc Date: 15-Mar-2022 09:24:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
33 Pentachlorophenol_T	266	5.675	5.675	0.000	0	790442	NR	NR	
34 DFTPP									
35 Benzidine_T	184	6.610	6.610	0.000	0	4626383	NR	NR	a
36 4,4'-DDE	246	6.722	6.722	0.000	0	4437		NR	Ma
37 4,4'-DDD	235	6.945	6.945	0.000	0	140994		NR	a
38 4,4'-DDT	235	7.145	7.145	0.000	0	2659358	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

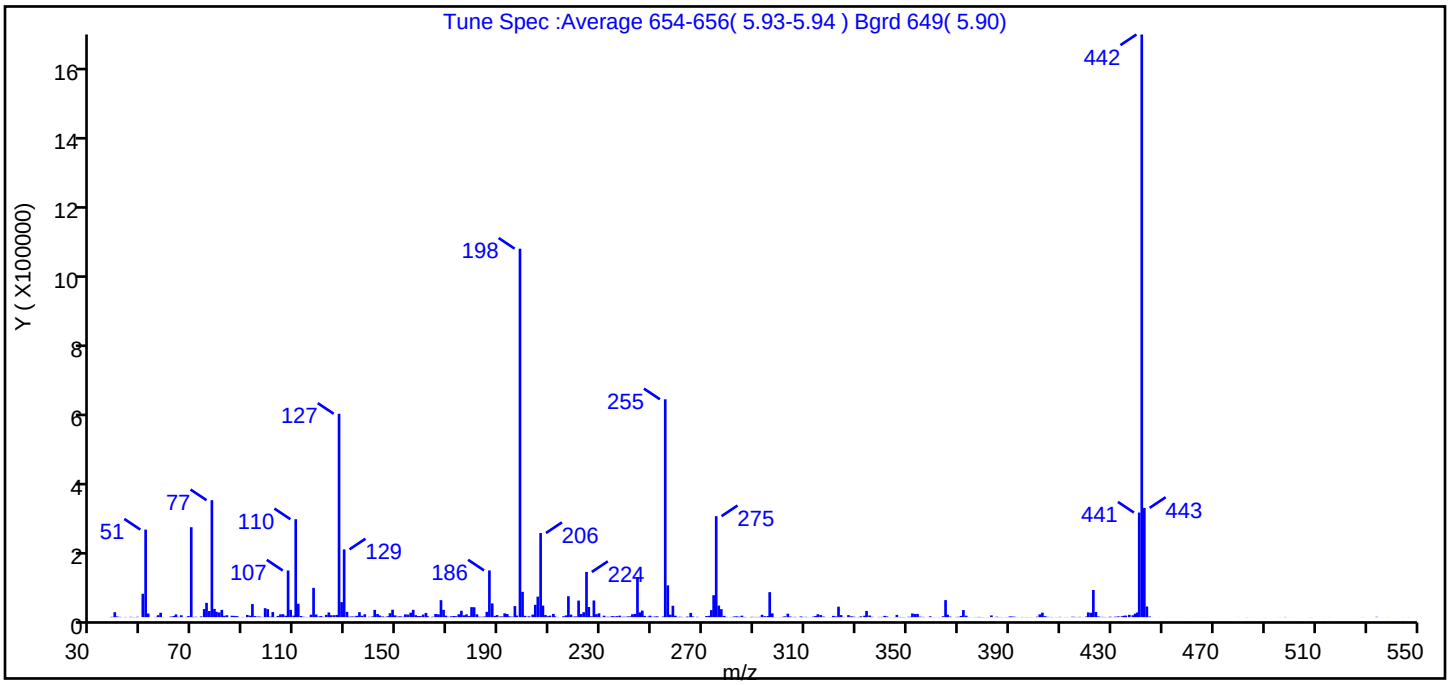
DFTPPx2_00044 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a009.D
Injection Date: 14-Mar-2022 13:43:30 Instrument ID: SEA101
Lims ID: dftpp
Client ID:
Operator ID: tl ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Tune Method: DFTPP Method 525.2, BP 198

34 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (63.2)
51	10-80% of the base peak	23.8
68	<2% of mass 69	0.3 (1.2)
69	Present	24.4
70	<2% of mass 69	0.1 (0.3)
127	10-80% of the base peak	55.2
197	<2% of mass 198	0.4
199	5-9% of mass 198	6.9
275	10-60% of the base peak	27.4
365	>1% of the base peak	4.6
441	Present and < mass 443	28.4 (95.7)
442	base peak, or >50% of 198	158.1
443	15-24% of mass 442	29.7 (18.8)

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a009.D\8270_SIM_SEA101.rslt\spectra.
Injection Date: 14-Mar-2022 13:43:30
Spectrum: Tune Spec :Average 654-656(5.93-5.94) Bgrd 649(5.90)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 430

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	400	152.00	1271	261.00	1080	374.00	344
38.00	1088	153.00	7903	262.00	557	375.00	13
39.00	14063	154.00	7206	264.00	1059	376.00	271
40.00	1852	155.00	12610	264.00	1216	377.00	508
41.00	752	156.00	20720	265.00	12051	378.00	752
42.00	51	157.00	5579	266.00	1952	379.00	458
43.00	604	158.00	3091	268.00	997	380.00	393
45.00	925	159.00	3102	268.00	133	381.00	295
46.00	496	160.00	7202	271.00	3139	382.00	187
47.00	356	161.00	12000	272.00	3850	383.00	4871
48.00	1026	162.00	2889	273.00	19920	384.00	91
50.00	66296	163.00	402	274.00	62216	385.00	1265
51.00	248320	164.00	1310	275.00	286400	386.00	544
52.00	10240	165.00	9068	276.00	32880	387.00	350
55.00	576	166.00	8148	277.00	22608	388.00	70
56.00	5506	167.00	48096	278.00	3498	389.00	404
57.00	12436	168.00	20672	279.00	792	390.00	1856
58.00	442	169.00	4222	280.00	117	391.00	1802
60.00	176	170.00	1237	281.00	571	392.00	1363
61.00	1793	171.00	2456	282.00	1882	393.00	307
62.00	3136	172.00	3287	283.00	2431	395.00	500
63.00	7699	173.00	2594	284.00	1484	396.00	211
64.00	997	174.00	8076	285.00	4136	397.00	418
65.00	5281	175.00	18104	286.00	681	398.00	242
66.00	77	176.00	5329	287.00	331	399.00	314
67.00	662	177.00	7830	288.00	376	400.00	147
68.00	2964	178.00	3066	289.00	986	401.00	1328
69.00	255040	179.00	28416	290.00	588	402.00	8006
70.00	668	180.00	28048	291.00	521	403.00	12704
71.00	1094	181.00	8016	292.00	888	404.00	2831
72.00	112	182.00	1312	293.00	6582	405.00	1091
73.00	2081	183.00	1167	294.00	2788	406.00	508
74.00	22936	184.00	1758	295.00	3319	407.00	238

Report Date: 15-Mar-2022 09:24:01 Chrom Revision: 2.3 16-Feb-2022 17:52:00
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a009.D\8270_SIM_SEA101.rslt\spectra.
Injection Date: 14-Mar-2022 13:43:30
Spectrum: Tune Spec :Average 654-656(5.93-5.94) Bgrd 649(5.90)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 430

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	40536	185.00	15006	296.00	70872	408.00	247
76.00	17296	186.00	132480	297.00	10663	409.00	112
77.00	331712	187.00	38912	298.00	531	410.00	812
78.00	23424	188.00	3488	299.00	185	412.00	326
79.00	15055	189.00	5807	300.00	312	413.00	264
80.00	13237	190.00	1948	301.00	785	415.00	1202
81.00	20648	191.00	2082	302.00	2325	416.00	769
82.00	3872	192.00	10744	303.00	9804	417.00	309
83.00	5370	193.00	8824	304.00	1735	418.00	887
85.00	3992	194.00	2394	305.00	675	419.00	317
86.00	3520	195.00	1479	306.00	707	420.00	1528
87.00	2922	196.00	31352	308.00	1857	421.00	13398
88.00	220	197.00	4400	309.00	757	422.00	12407
89.00	620	198.00	1045120	310.00	916	423.00	77096
91.00	6194	199.00	71720	311.00	247	424.00	14738
92.00	4136	200.00	3715	312.00	200	425.00	2127
93.00	37112	201.00	1603	313.00	1471	426.00	721
94.00	2953	202.00	1776	314.00	3377	427.00	718
95.00	1600	203.00	7140	315.00	8250	428.00	432
96.00	1559	204.00	34968	316.00	5900	429.00	605
97.00	518	205.00	58160	317.00	1726	430.00	1164
98.00	25392	206.00	238592	318.00	259	431.00	234
99.00	22624	207.00	32800	319.00	168	432.00	1409
100.00	1556	208.00	5985	320.00	483	433.00	2187
101.00	14512	209.00	2666	321.00	3660	434.00	2465
102.00	447	210.00	4214	322.00	2099	435.00	3845
103.00	3454	211.00	9200	323.00	29624	436.00	4359
104.00	7936	212.00	2416	324.00	5823	437.00	6487
105.00	8196	213.00	594	325.00	605	438.00	5358
106.00	3935	214.00	116	326.00	120	439.00	9714
107.00	132288	215.00	2658	327.00	5744	440.00	13078
108.00	20600	216.00	4924	328.00	2477	441.00	296640
109.00	4248	217.00	59376	329.00	1284	442.00	1652736
110.00	277760	218.00	7187	331.00	453	443.00	309888

Report Date: 15-Mar-2022 09:24:01 Chrom Revision: 2.3 16-Feb-2022 17:52:00
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a009.D\8270_SIM_SEA101.rslt\spectra.
Injection Date: 14-Mar-2022 13:43:30
Spectrum: Tune Spec :Average 654-656(5.93-5.94) Bgrd 649(5.90)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 430

m/z	Y	m/z	Y	m/z	Y	m/z	Y
111.00	37984	219.00	1626	331.00	530	444.00	30216
112.00	3130	220.00	2014	332.00	2310	445.00	1933
113.00	1326	221.00	46976	333.00	4072	446.00	174
114.00	562	222.00	8811	334.00	17648	449.00	150
115.00	443	223.00	13993	335.00	4627	451.00	73
116.00	6913	224.00	128120	336.00	994	452.00	137
117.00	83072	225.00	28768	337.00	66	454.00	74
118.00	7379	226.00	2350	339.00	665	455.00	69
119.00	1805	227.00	47248	340.00	805	457.00	77
120.00	2914	228.00	8473	341.00	3583	458.00	85
121.00	843	229.00	10932	342.00	2129	463.00	97
122.00	6272	230.00	439	343.00	173	465.00	124
123.00	13315	231.00	4046	344.00	197	466.00	153
124.00	5340	232.00	995	345.00	440	467.00	135
125.00	5537	233.00	1017	346.00	6335	473.00	58
126.00	6233	234.00	2886	347.00	601	480.00	135
127.00	576832	235.00	2235	348.00	437	481.00	56
128.00	42600	236.00	2829	349.00	404	483.00	312
129.00	192192	237.00	4210	350.00	1032	484.00	69
130.00	14986	238.00	962	351.00	1081	486.00	123
131.00	1431	239.00	1234	352.00	10431	490.00	143
132.00	1828	240.00	1839	353.00	8973	495.00	64
133.00	1612	241.00	2096	354.00	9258	496.00	167
134.00	3764	242.00	8144	355.00	1381	498.00	534
135.00	14074	243.00	9140	356.00	786	500.00	124
136.00	4013	244.00	112848	357.00	125	507.00	106
137.00	8128	245.00	13601	358.00	80	508.00	233
138.00	38	246.00	18520	359.00	2332	514.00	98
139.00	1022	247.00	3488	360.00	264	516.00	131
140.00	1897	248.00	1368	361.00	241	521.00	77
141.00	20648	249.00	4086	362.00	152	524.00	106
142.00	8809	250.00	1128	363.00	259	527.00	53
143.00	4580	251.00	1952	364.00	2476	528.00	185
144.00	1922	252.00	2071	365.00	48312	529.00	179

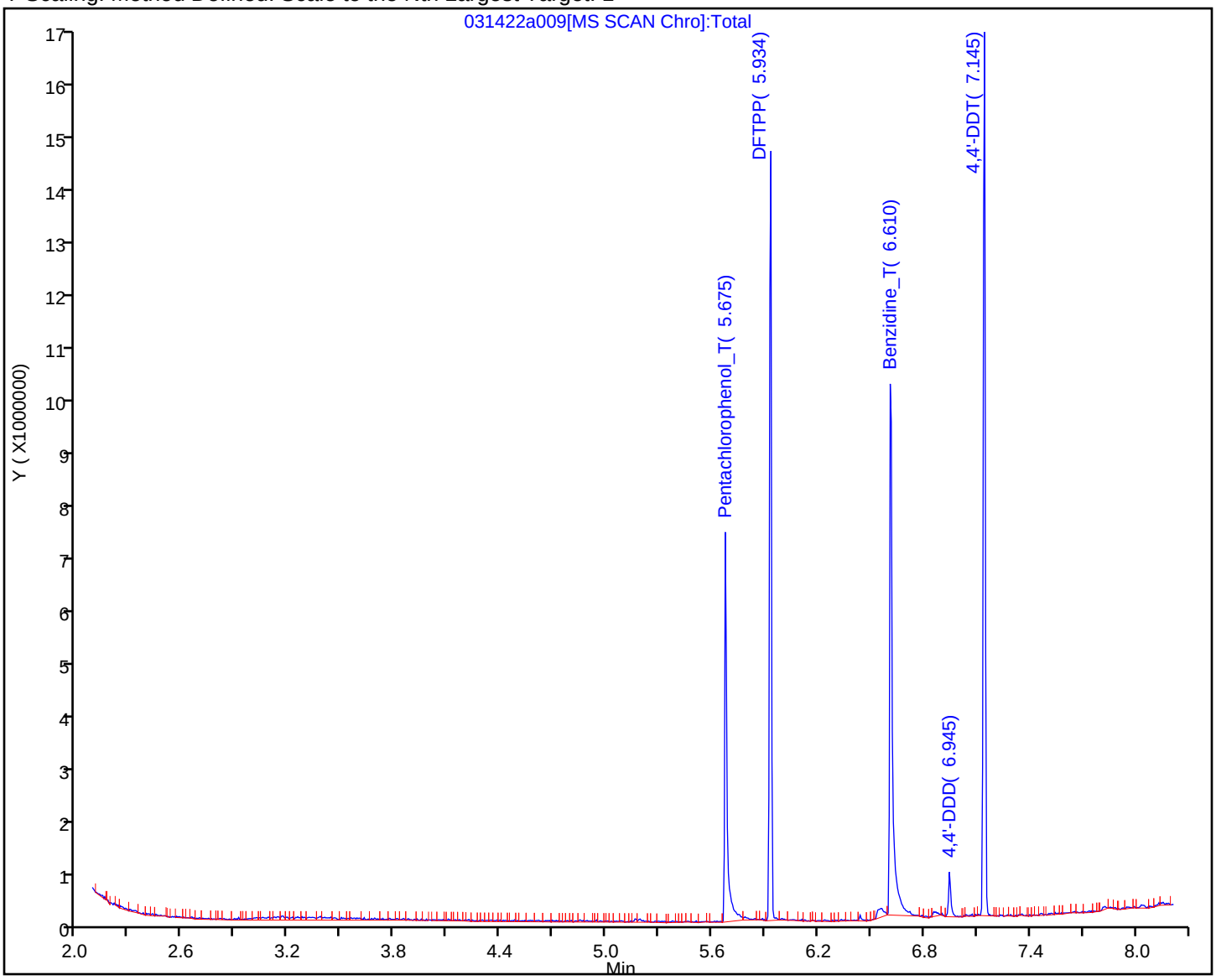
Report Date: 15-Mar-2022 09:24:01 Chrom Revision: 2.3 16-Feb-2022 17:52:00
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a009.D\8270_SIM_SEA101.rslt\spectra.
Injection Date: 14-Mar-2022 13:43:30
Spectrum: Tune Spec :Average 654-656(5.93-5.94) Bgrd 649(5.90)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 430

m/z	Y	m/z	Y	m/z	Y	m/z	Y
145.00	874	254.00	1777	366.00	6958	534.00	996
146.00	2541	255.00	617984	367.00	1630	536.00	107
147.00	11095	256.00	90136	369.00	637	538.00	167
148.00	21096	257.00	6995	370.00	976	545.00	175
149.00	4965	258.00	32256	371.00	3508	547.00	243
150.00	1716	259.00	4030	372.00	20096		
151.00	2466	260.00	745	373.00	4060		

Report Date: 15-Mar-2022 09:24:01 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a009.D
Injection Date: 14-Mar-2022 13:43:30 Instrument ID: SEA101
Lims ID: dftpp
Client ID:
Operator ID: tl ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Breakdown Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a009.D
Injection Date: 14-Mar-2022 13:43:30 Instrument ID: SEA101
Lims ID: dftpp
Client ID:
Operator ID: tl ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

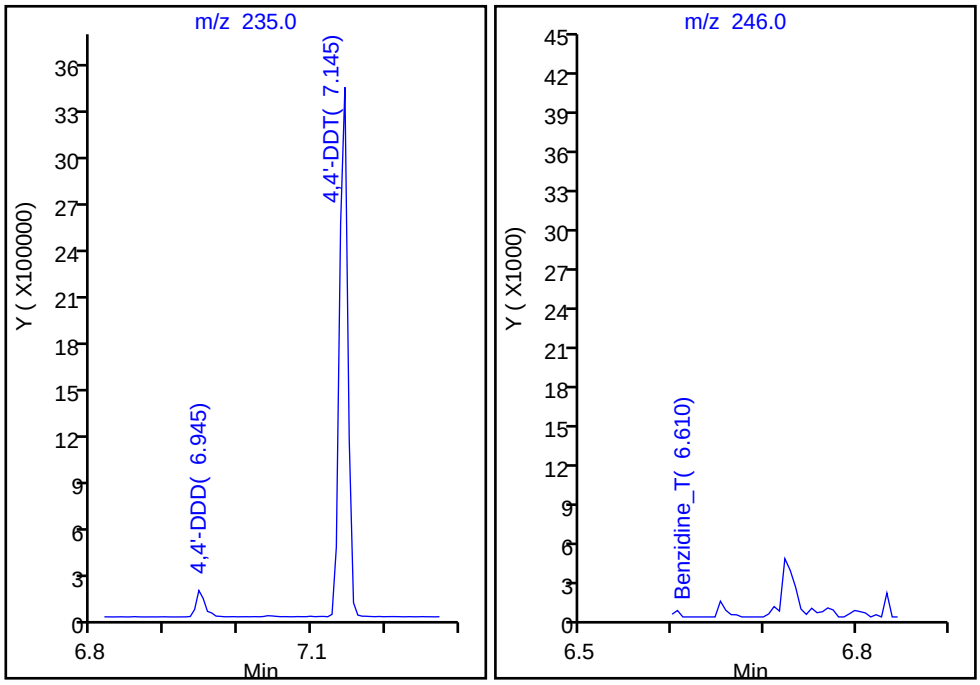
38 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

38 4,4'-DDT, Area = 2659358
36 4,4'-DDE, Area = 4437
37 4,4'-DDD, Area = 140994

%Breakdown: 5.19%, <= 20.00%
Passed



Peak Tailing Report

Eurofins Seattle

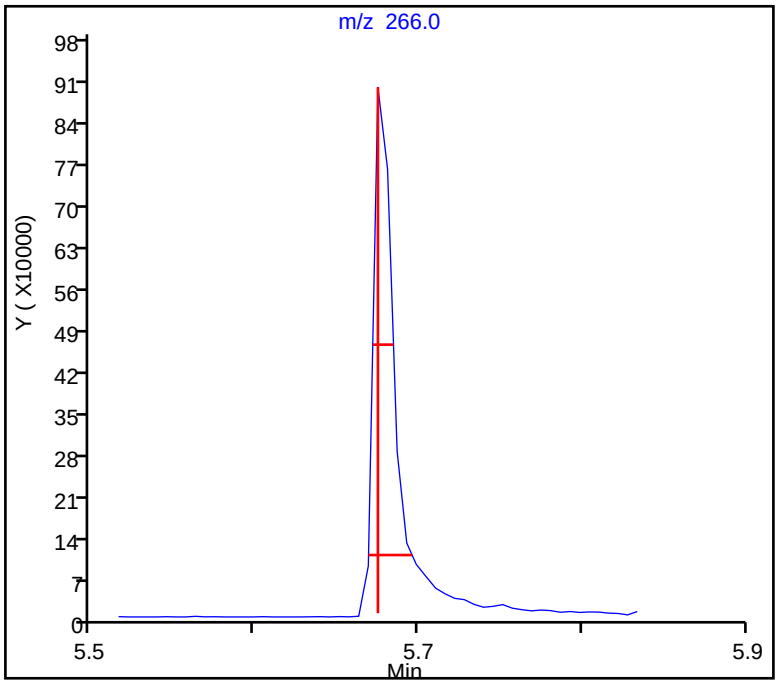
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a009.D
Injection Date: 14-Mar-2022 13:43:30 Instrument ID: SEA101
Lims ID: dftpp
Client ID:
Operator ID: tl ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

33 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.006 (min.)

Tailing Factor = * 3.5, Max. Tailing <= 2.00
Failed



Peak Tailing Report

Eurofins Seattle

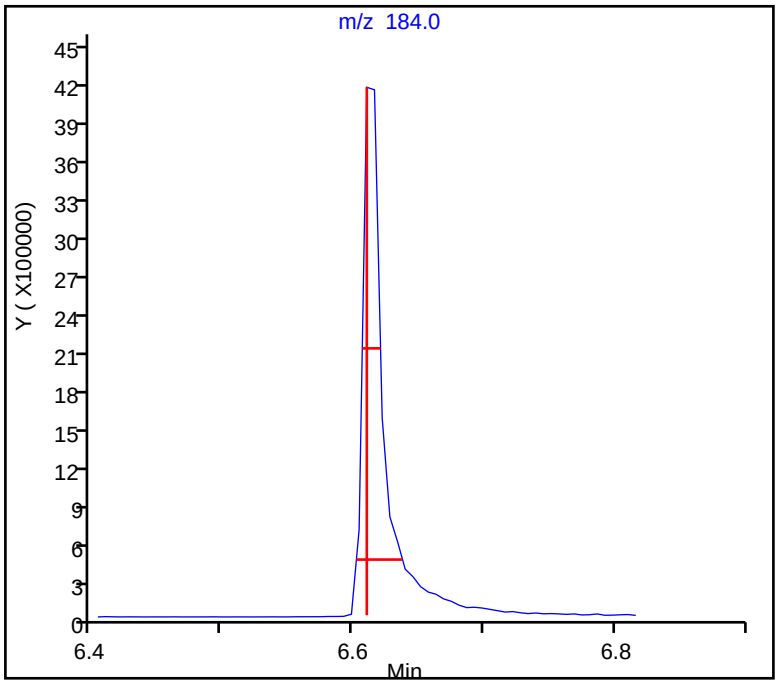
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a009.D
Injection Date: 14-Mar-2022 13:43:30 Instrument ID: SEA101
Lims ID: dftpp
Client ID:
Operator ID: tl ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

35 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.027 (min.)
Front Width = 0.008 (min.)

Tailing Factor = * 3.4, Max. Tailing <= 2.00
Failed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-383558/1-A

Matrix: Water | Lab File ID: 031422a013.D

Analysis Method: 8270E SIM | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 1000(mL) | Date Analyzed: 03/14/2022 15:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383722 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
90-12-0	1-Methylnaphthalene	0.032	U M	0.10	0.032	0.019
91-57-6	2-Methylnaphthalene	0.080	U M	0.20	0.080	0.039
83-32-9	Acenaphthene	0.032	U M	0.10	0.032	0.014
208-96-8	Acenaphthylene	0.032	U M	0.050	0.032	0.0090
120-12-7	Anthracene	0.080	U M	0.10	0.080	0.022
56-55-3	Benzo[a]anthracene	0.032	U	0.050	0.032	0.014
50-32-8	Benzo[a]pyrene	0.032	U	0.10	0.032	0.011
205-99-2	Benzo[b]fluoranthene	0.032	U M	0.050	0.032	0.011
191-24-2	Benzo[g,h,i]perylene	0.032	U	0.050	0.032	0.012
207-08-9	Benzo[k]fluoranthene	0.032	U	0.050	0.032	0.012
218-01-9	Chrysene	0.032	U	0.10	0.032	0.016
53-70-3	Dibenz(a,h)anthracene	0.032	U	0.10	0.032	0.026
206-44-0	Fluoranthene	0.032	U M	0.20	0.032	0.018
86-73-7	Fluorene	0.032	U M	0.10	0.032	0.017
193-39-5	Indeno[1,2,3-cd]pyrene	0.032	U	0.050	0.032	0.014
91-20-3	Naphthalene	0.080	U M	0.10	0.080	0.031
85-01-8	Phenanthrene	0.0445	J	0.10	0.080	0.031
129-00-0	Pyrene	0.080	U M	0.10	0.080	0.033

CAS NO.	SURROGATE	%REC	Q	LIMITS
7297-45-2	2-methylnaphthalene-d10	59		40-140
93951-69-0	Fluoranthene-d10 (Surr)	74		40-140
1718-51-0	Terphenyl-d14	82		58-132

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a013.D
Lims ID: MB 580-383558/1-A
Client ID:
Sample Type: MB
Inject. Date: 14-Mar-2022 15:17:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: MB 580-383558/1-A
Operator ID: tl Instrument ID: SEA101

Method: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 15-Mar-2022 09:30:28 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: jantanuc Date: 15-Mar-2022 09:30:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.439	5.430	0.009	1	81508	100.0	100.0	
* 2 Naphthalene-d8	136	6.586	6.571	0.015	1	112045	100.0	100.0	
* 3 Acenaphthene-d10	164	8.045	8.030	0.015	1	61910	100.0	100.0	
* 4 Phenanthrene-d10	188	9.259	9.248	0.011	1	94049	100.0	100.0	
* 5 Chrysene-d12	240	11.443	11.426	0.017	1	72258	100.0	100.0	
* 6 Perylene-d12	264	12.927	12.921	0.006	1	83145	100.0	100.0	
$ 7 2-methylnaphthalene-d10	152	7.157	7.152	0.005	99	390065	1000.0	591.1	
$ 8 2-Fluorobiphenyl	172	7.499	7.489	0.010	1	548023	1000.0	638.4	M
$ 9 2,4,6-Tribromophenol	330	8.702	8.691	0.011	1	87900	1000.0	643.3	
$ 10 Fluoranthene-d10 (Surr)	212	10.219	10.223	-0.004	99	768599	1000.0	739.2	
$ 11 Terphenyl-d14	244	10.553	10.558	-0.005	1	583215	1000.0	821.4	
12 Naphthalene	128	6.606	6.586	0.020	1	3119		0.1495	Ma
13 2-Methylnaphthalene	142	7.188	7.178	0.010	1	978		1.41	M
14 1-Methylnaphthalene	142	7.270	7.254	0.016	1	950		1.20	M
15 Acenaphthylene	152	7.946	7.916	0.030	1	3451		2.92	M
16 Acenaphthene	153	8.070	8.055	0.015	6	2955		3.54	M
17 Fluorene	166	8.507	8.480	0.027	1	2703		3.17	M
19 Phenanthrene	178	9.275	9.264	0.011	1	23639		22.3	
20 Anthracene	178	9.330	9.308	0.022	1	4105		-0.0189	M
21 Fluoranthene	202	10.237	10.237	0.000	1	7655		6.43	M
22 Pyrene	202	10.427	10.422	0.005	1	8810		7.02	M

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

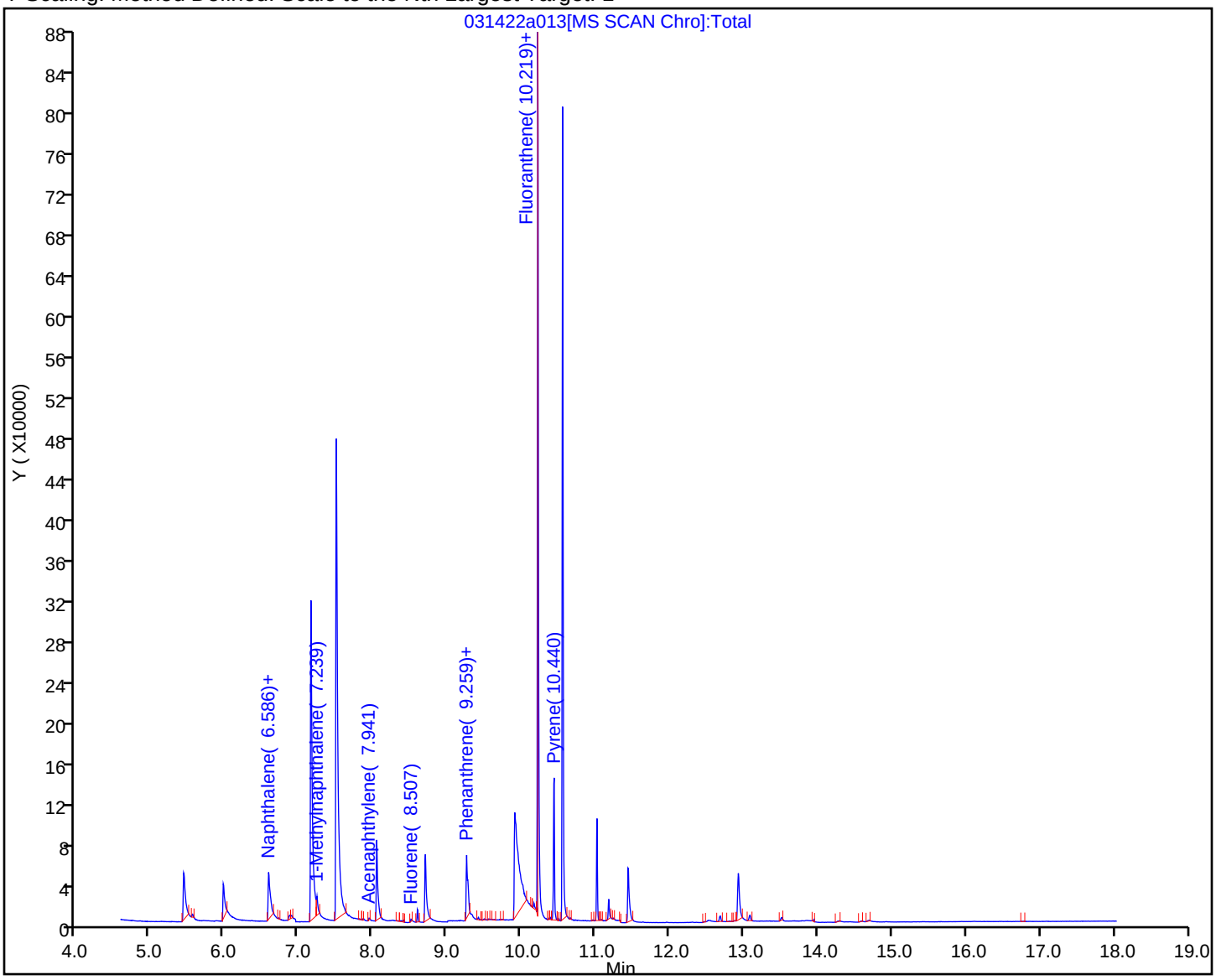
Reagents:

MeCl2_CT_00217	Amount Added:	1.00	Units: uL	Run Reagent
8270SIM_IS_00069	Amount Added:	10.00	Units: uL	Run Reagent

Report Date: 15-Mar-2022 09:30:29 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a013.D
Injection Date: 14-Mar-2022 15:17:30 Instrument ID: SEA101
Lims ID: MB 580-383558/1-A
Client ID:
Operator ID: tl ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Seattle
Recovery Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a013.D
Lims ID: MB 580-383558/1-A
Client ID:
Sample Type: MB
Inject. Date: 14-Mar-2022 15:17:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: MB 580-383558/1-A
Operator ID: tl Instrument ID: SEA101

Method: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 15-Mar-2022 09:30:28 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: jantanuc Date: 15-Mar-2022 09:30:28

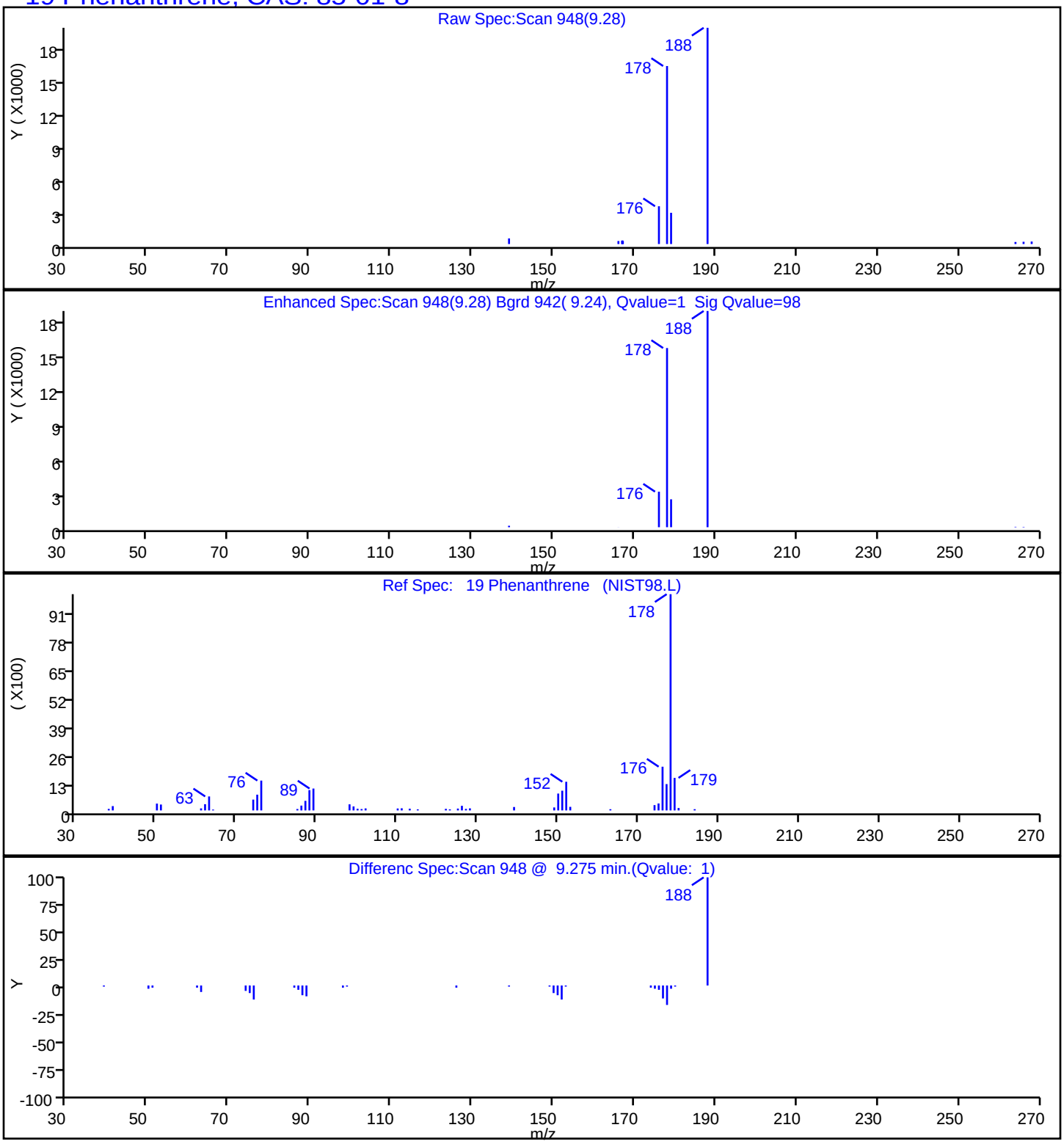
Compound	Amount Added	Amount Recovered	% Rec.
$ 7 2-methylnaphthalene-d10	1000.0	591.1	59.11
$ 8 2-Fluorobiphenyl	1000.0	638.4	63.84
$ 9 2,4,6-Tribromophenol	1000.0	643.3	64.33
$ 10 Fluoranthene-d10 (Surr)	1000.0	739.2	73.92
$ 11 Terphenyl-d14	1000.0	821.4	82.14

Report Date: 15-Mar-2022 09:30:29 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a013.D
Injection Date: 14-Mar-2022 15:17:30 Instrument ID: SEA101
Lims ID: MB 580-383558/1-A
Client ID:
Operator ID: tl ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

19 Phenanthrene, CAS: 85-01-8



Manual Integration/User Assign Peak Report

Eurofins Seattle

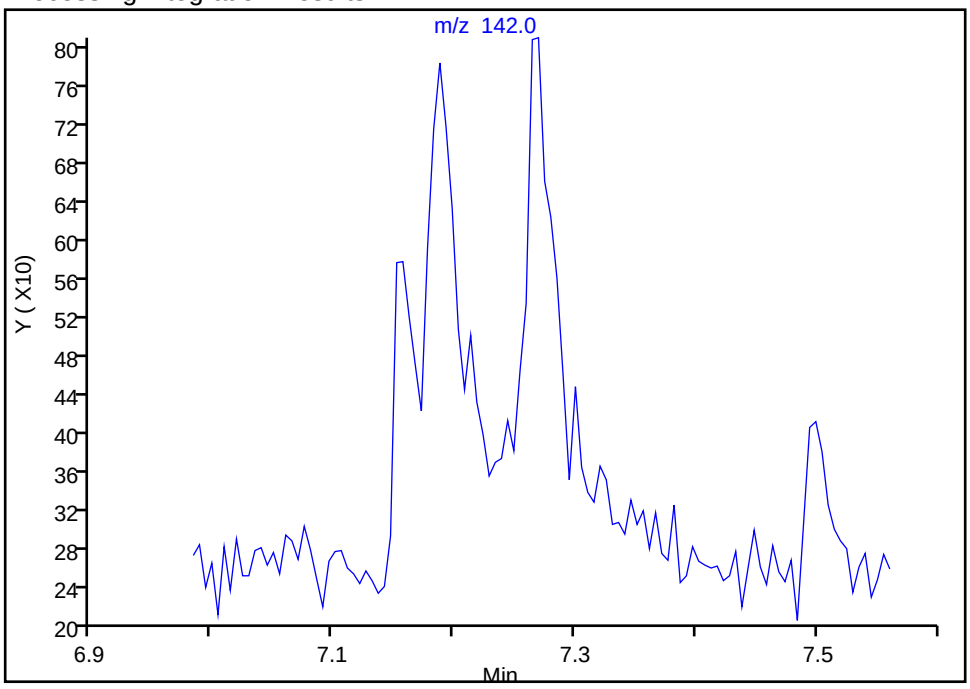
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a013.D
Injection Date: 14-Mar-2022 15:17:30 Instrument ID: SEA101
Lims ID: MB 580-383558/1-A
Client ID:
Operator ID: tl ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

14 1-Methylnaphthalene, CAS: 90-12-0

Signal: 1

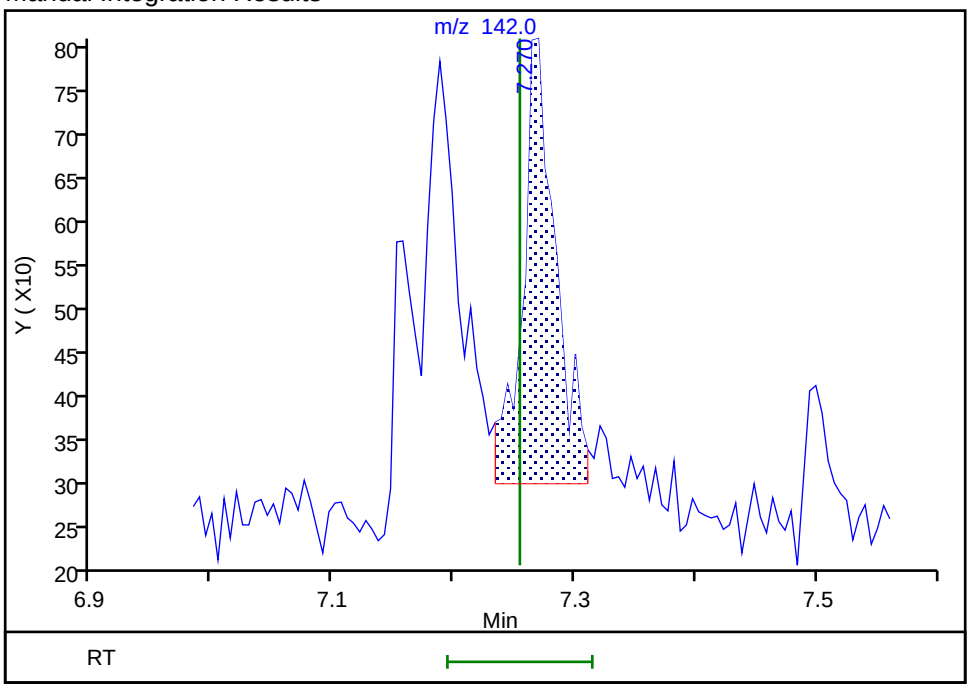
Not Detected
Expected RT: 7.25

Processing Integration Results



Manual Integration Results

RT: 7.27
Area: 950
Amount: 1.198414
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 09:29:01
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

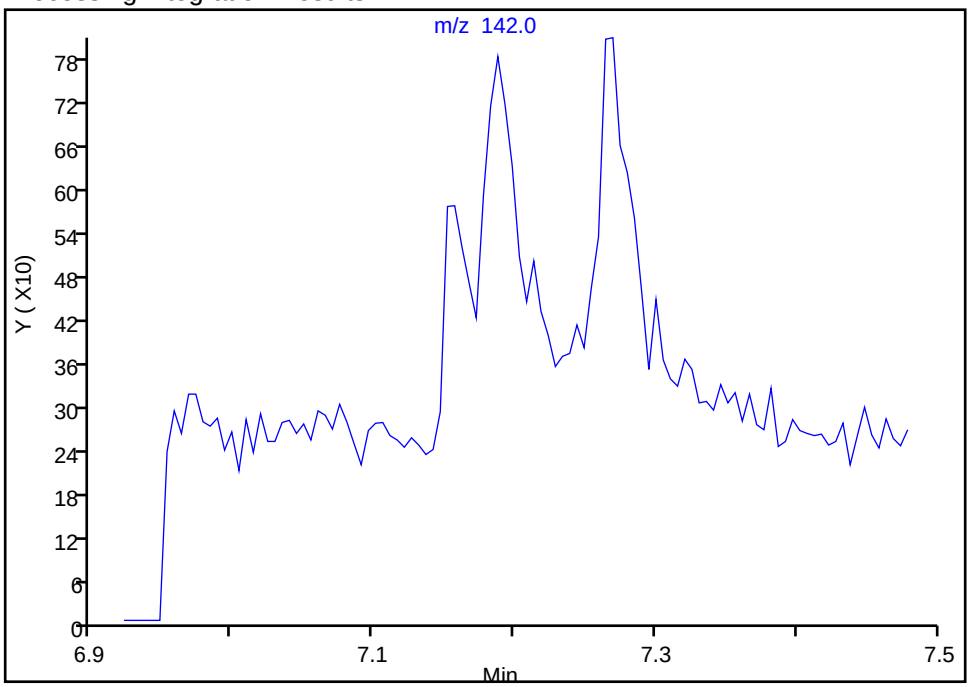
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a013.D
Injection Date: 14-Mar-2022 15:17:30 Instrument ID: SEA101
Lims ID: MB 580-383558/1-A
Client ID:
Operator ID: tl ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

13 2-Methylnaphthalene, CAS: 91-57-6

Signal: 1

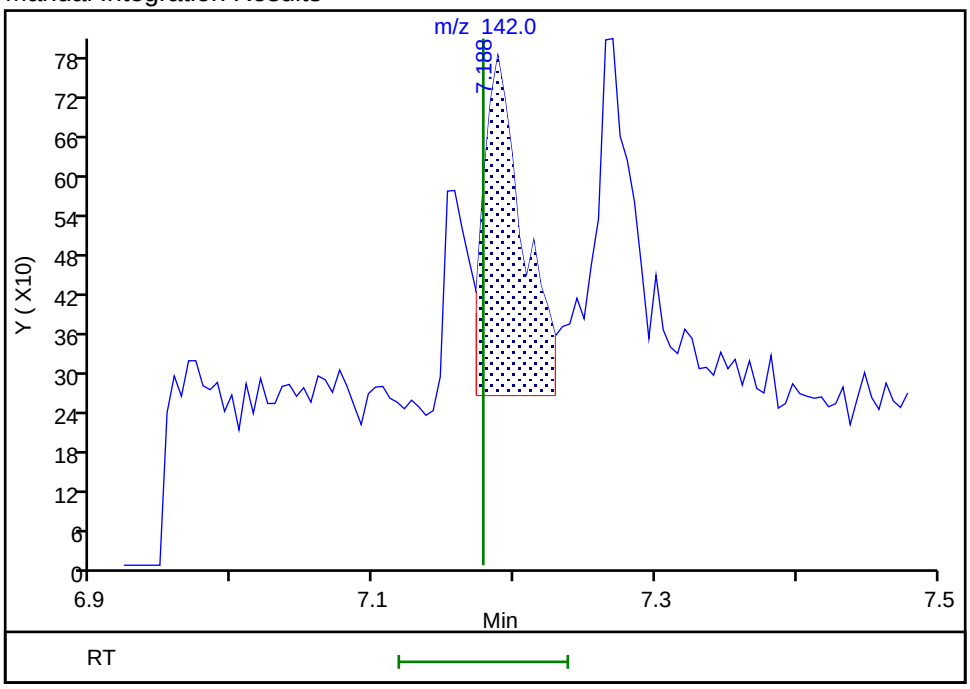
Not Detected
Expected RT: 7.18

Processing Integration Results



Manual Integration Results

RT: 7.19
Area: 978
Amount: 1.408436
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 09:28:57
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

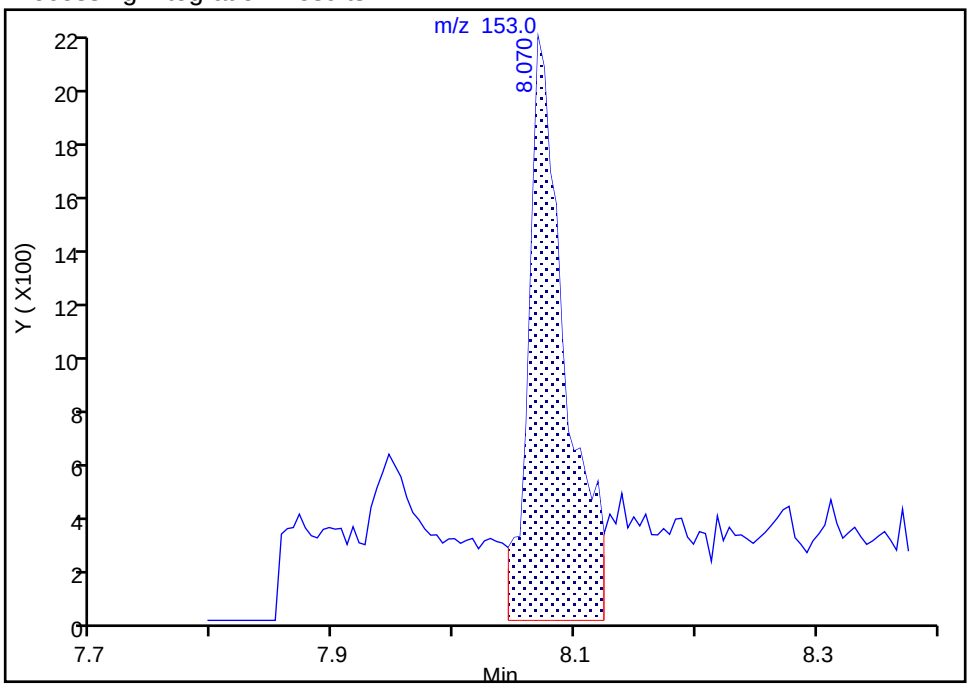
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a013.D
Injection Date: 14-Mar-2022 15:17:30 Instrument ID: SEA101
Lims ID: MB 580-383558/1-A
Client ID:
Operator ID: tl ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

16 Acenaphthene, CAS: 83-32-9

Signal: 1

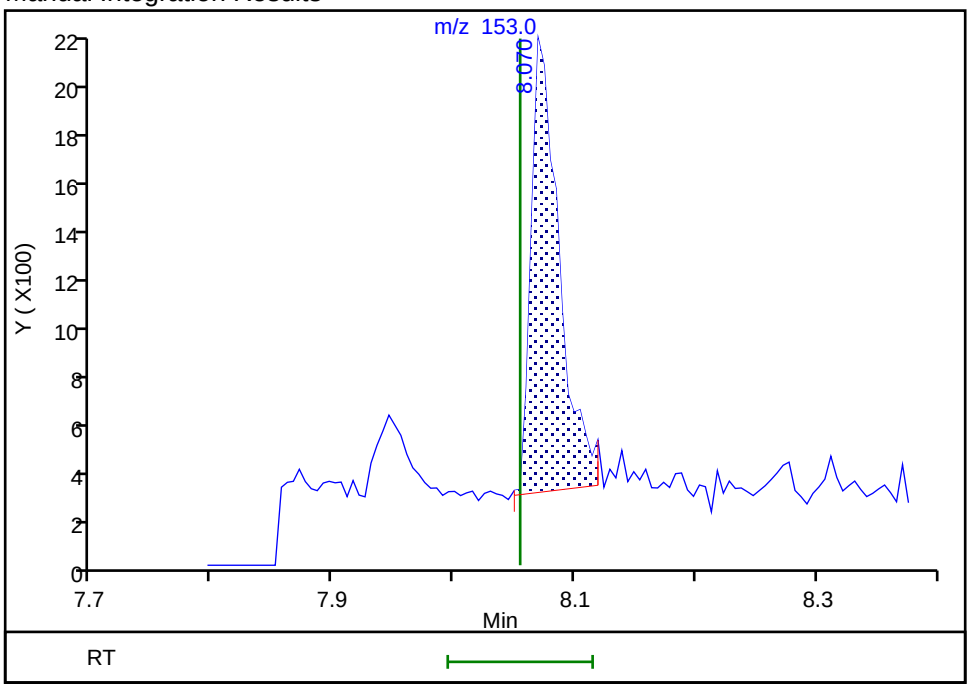
Processing Integration Results

RT: 8.07
Area: 4427
Amount: 5.299085
Amount Units: ug/L



Manual Integration Results

RT: 8.07
Area: 2955
Amount: 3.537112
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 09:29:11
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

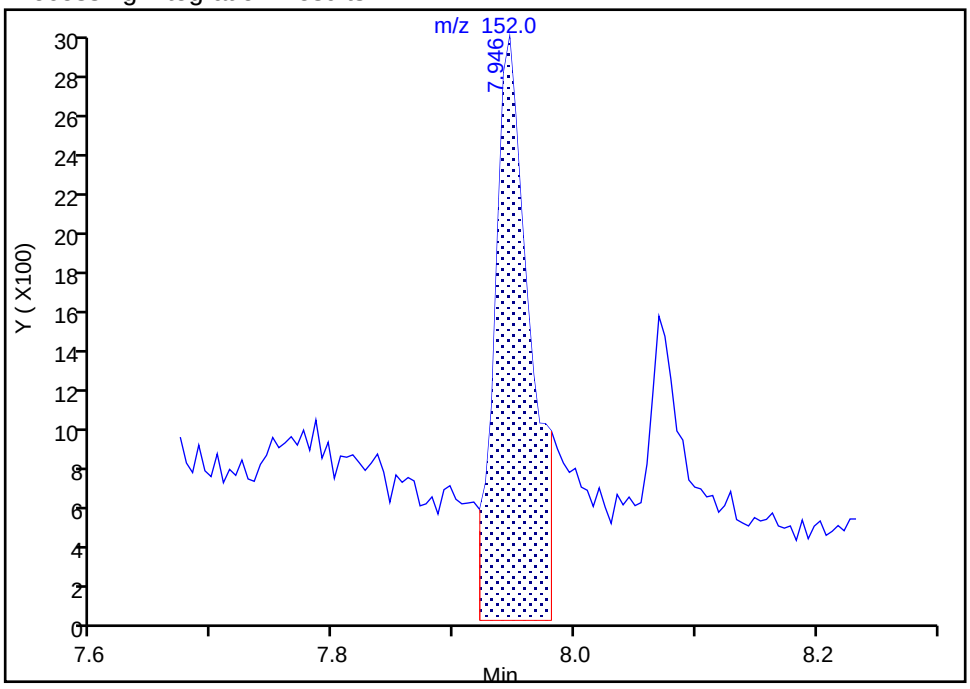
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a013.D
Injection Date: 14-Mar-2022 15:17:30 Instrument ID: SEA101
Lims ID: MB 580-383558/1-A
Client ID:
Operator ID: tl ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

15 Acenaphthylene, CAS: 208-96-8

Signal: 1

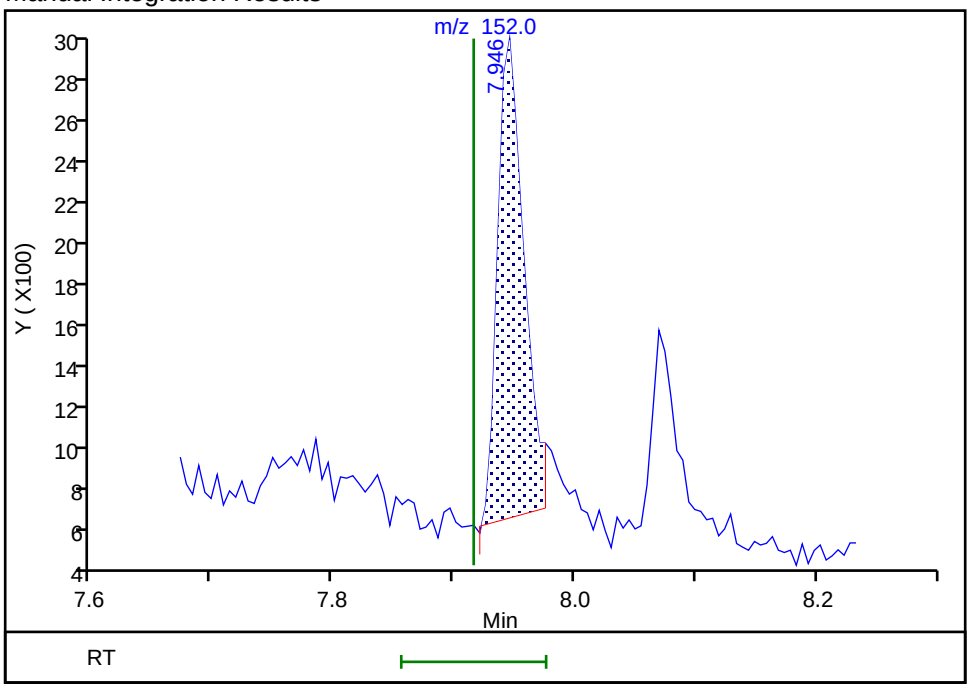
Processing Integration Results

RT: 7.95
Area: 5803
Amount: 4.910451
Amount Units: ug/L



Manual Integration Results

RT: 7.95
Area: 3451
Amount: 2.920208
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 09:29:06
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

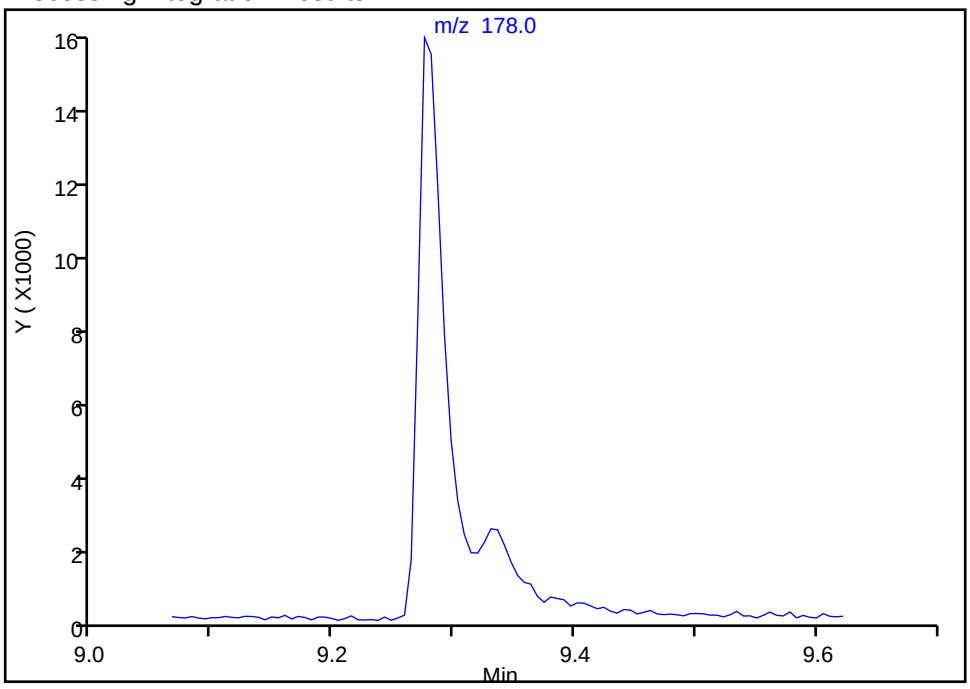
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a013.D
Injection Date: 14-Mar-2022 15:17:30 Instrument ID: SEA101
Lims ID: MB 580-383558/1-A
Client ID:
Operator ID: tl ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

20 Anthracene, CAS: 120-12-7

Signal: 1

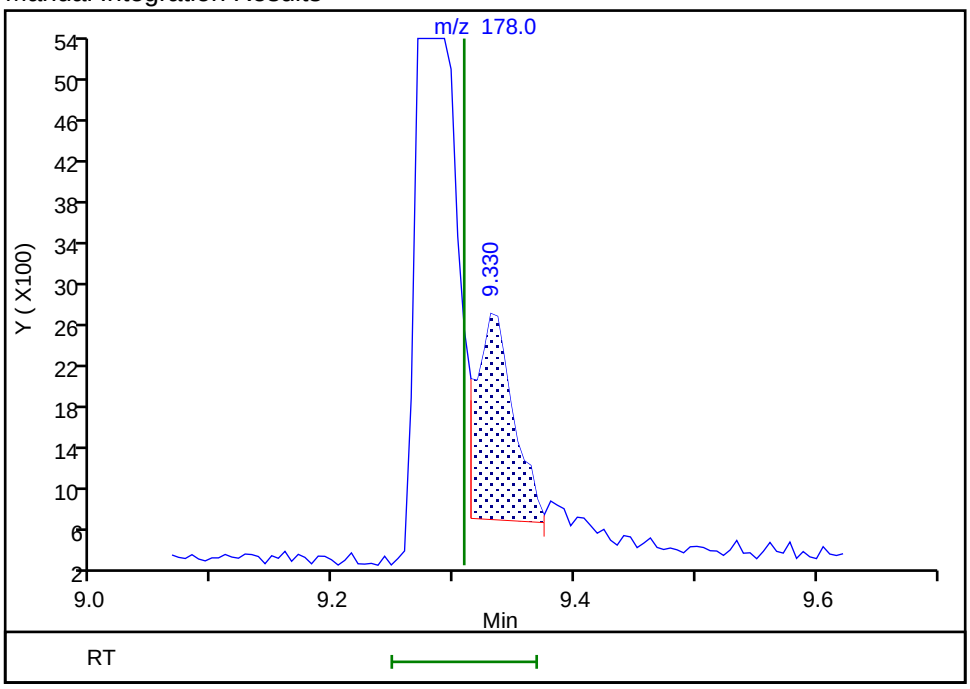
Not Detected
Expected RT: 9.31

Processing Integration Results



Manual Integration Results

RT: 9.33
Area: 4105
Amount: -0.018932
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 09:29:25
Audit Action: Manually Integrated Audit Reason: Baseline

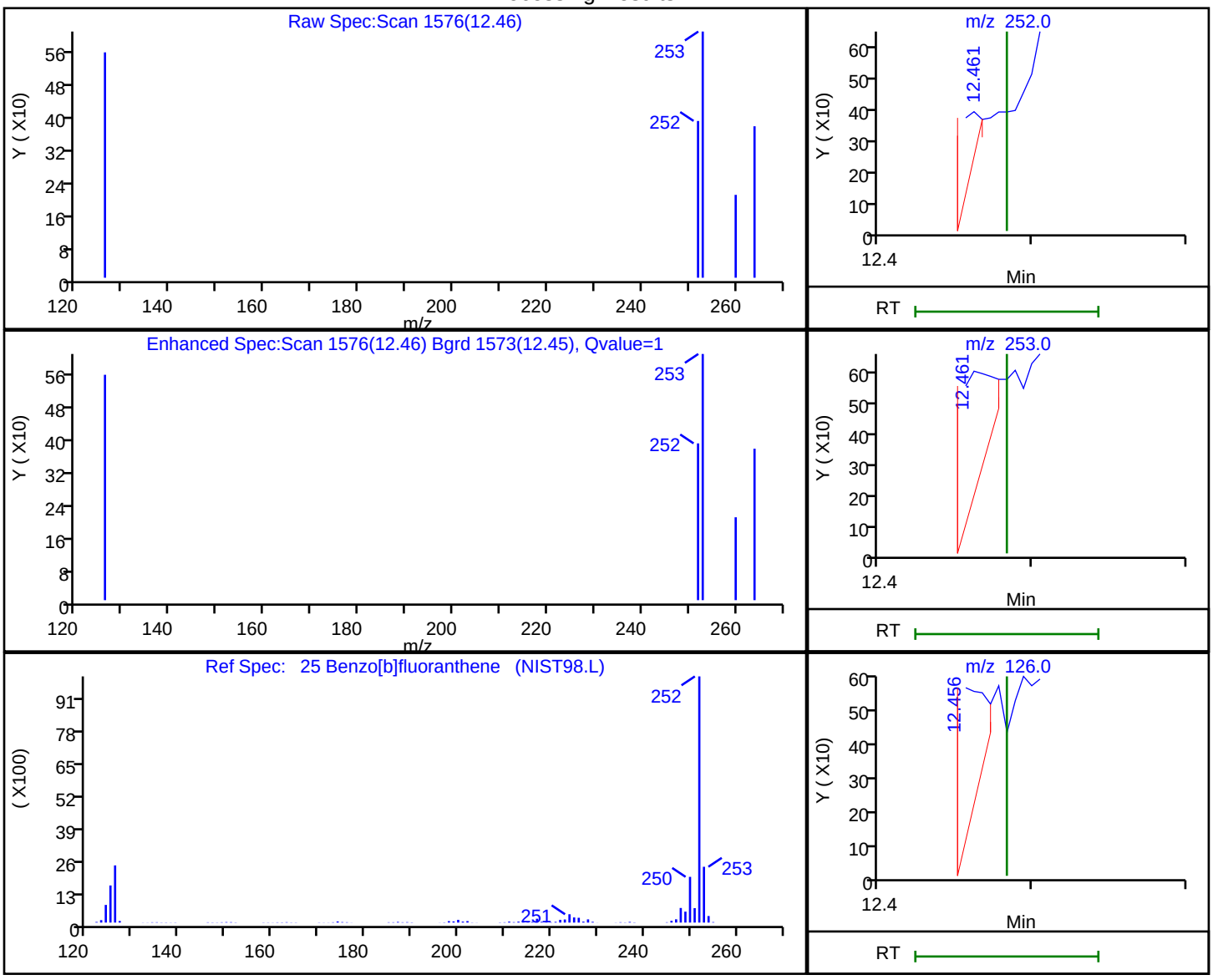
User Disabled Compound Report

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a013.D
Injection Date: 14-Mar-2022 15:17:30 Instrument ID: SEA101
Lims ID: MB 580-383558/1-A
Client ID:
Operator ID: tl ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

25 Benzo[b]fluoranthene, CAS: 205-99-2

Processing Results



RT	Mass	Response	Amount
12.46	252.00	126	2.051704
12.46	253.00	462	
12.46	126.00	344	

Reviewer: jantanuc, 15-Mar-2022 09:30:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Seattle

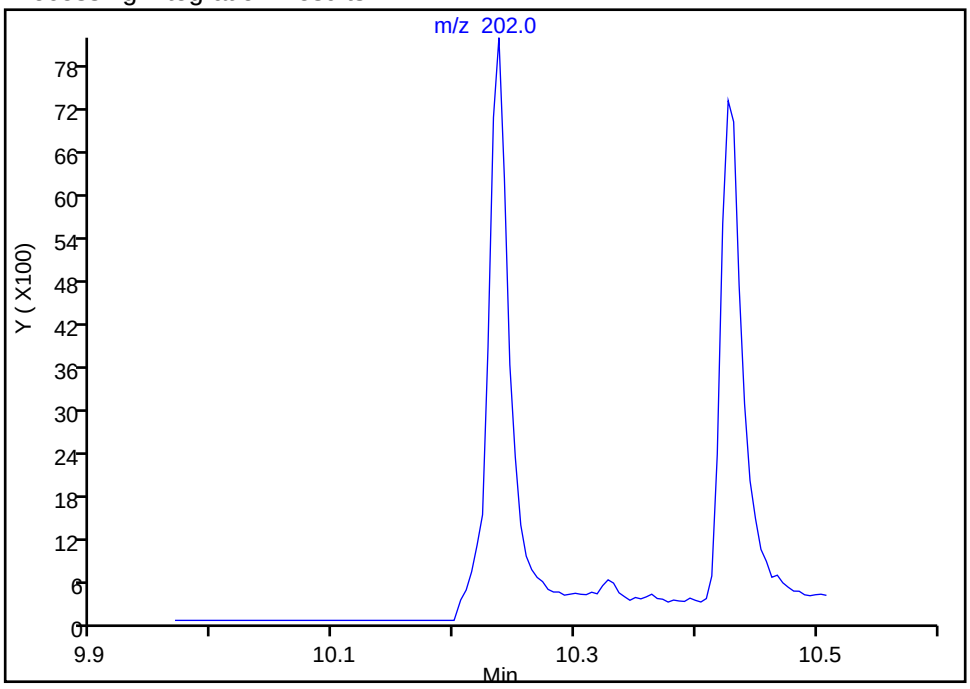
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a013.D
Injection Date: 14-Mar-2022 15:17:30 Instrument ID: SEA101
Lims ID: MB 580-383558/1-A
Client ID:
Operator ID: tl ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

21 Fluoranthene, CAS: 206-44-0

Signal: 1

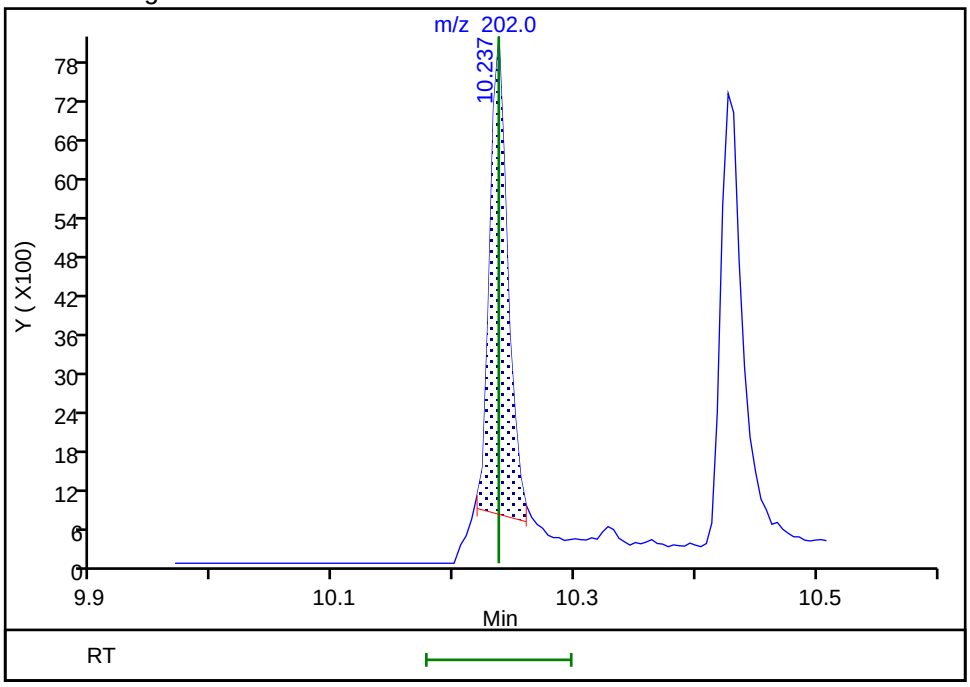
Not Detected
Expected RT: 10.24

Processing Integration Results



Manual Integration Results

RT: 10.24
Area: 7655
Amount: 6.434307
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 09:29:32
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

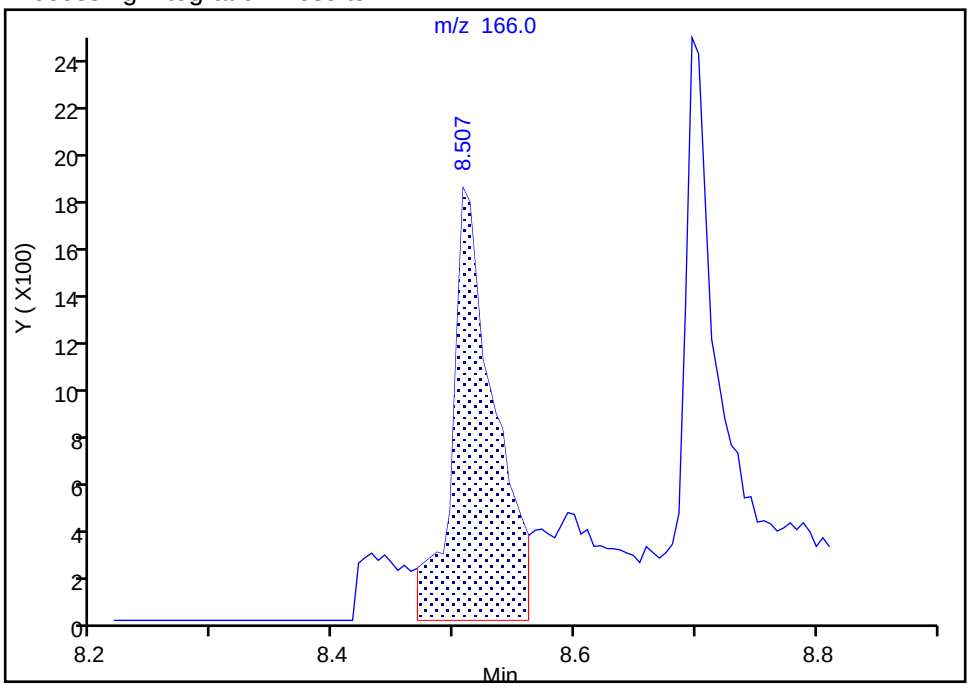
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a013.D
Injection Date: 14-Mar-2022 15:17:30 Instrument ID: SEA101
Lims ID: MB 580-383558/1-A
Client ID:
Operator ID: tl ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

17 Fluorene, CAS: 86-73-7

Signal: 1

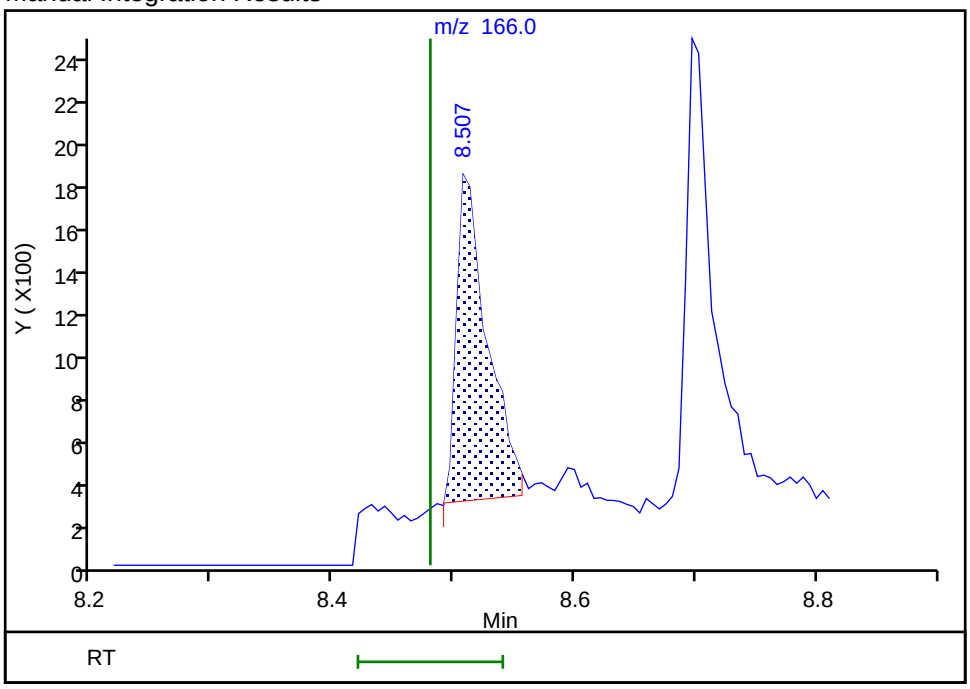
Processing Integration Results

RT: 8.51
Area: 4397
Amount: 5.158278
Amount Units: ug/L



Manual Integration Results

RT: 8.51
Area: 2703
Amount: 3.170986
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 09:29:17
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

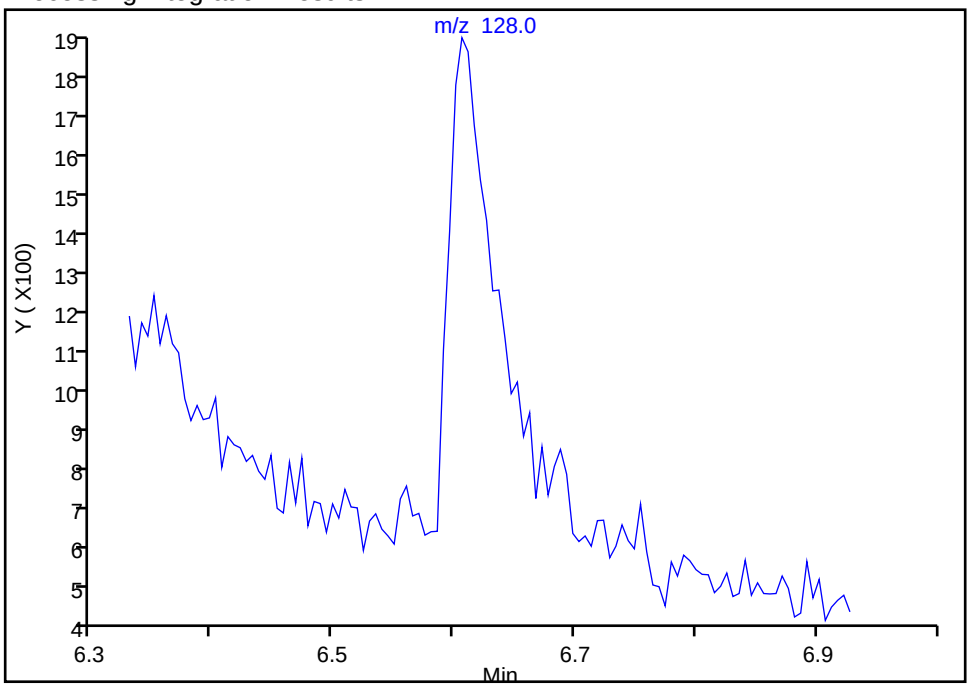
Data File:	\\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a013.D				
Injection Date:	14-Mar-2022 15:17:30	Instrument ID:	SEA101		
Lims ID:	MB 580-383558/1-A				
Client ID:					
Operator ID:	tl	ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

12 Naphthalene, CAS: 91-20-3

Signal: 1

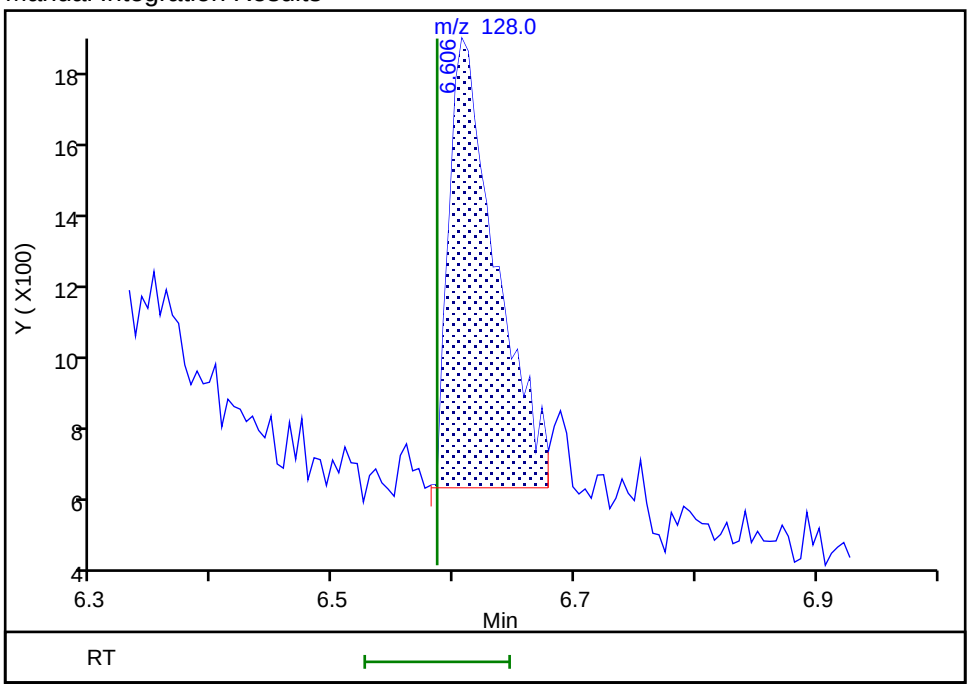
Not Detected
Expected RT: 6.59

Processing Integration Results



Manual Integration Results

RT: 6.61
Area: 3119
Amount: 0.149472
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 09:28:51
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Seattle

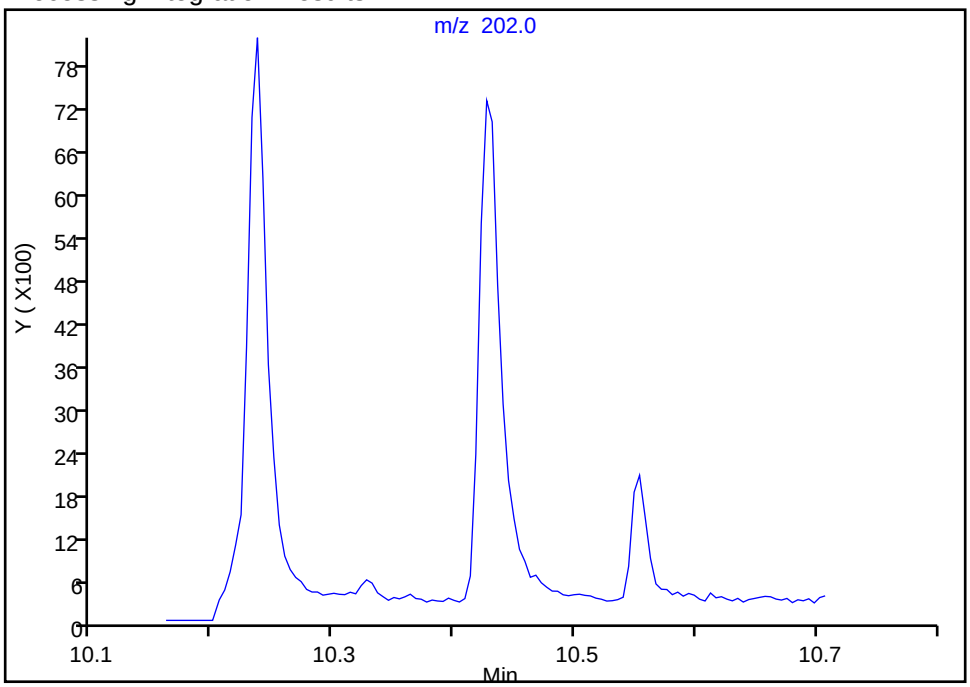
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a013.D
Injection Date: 14-Mar-2022 15:17:30 Instrument ID: SEA101
Lims ID: MB 580-383558/1-A
Client ID:
Operator ID: tl ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

22 Pyrene, CAS: 129-00-0

Signal: 1

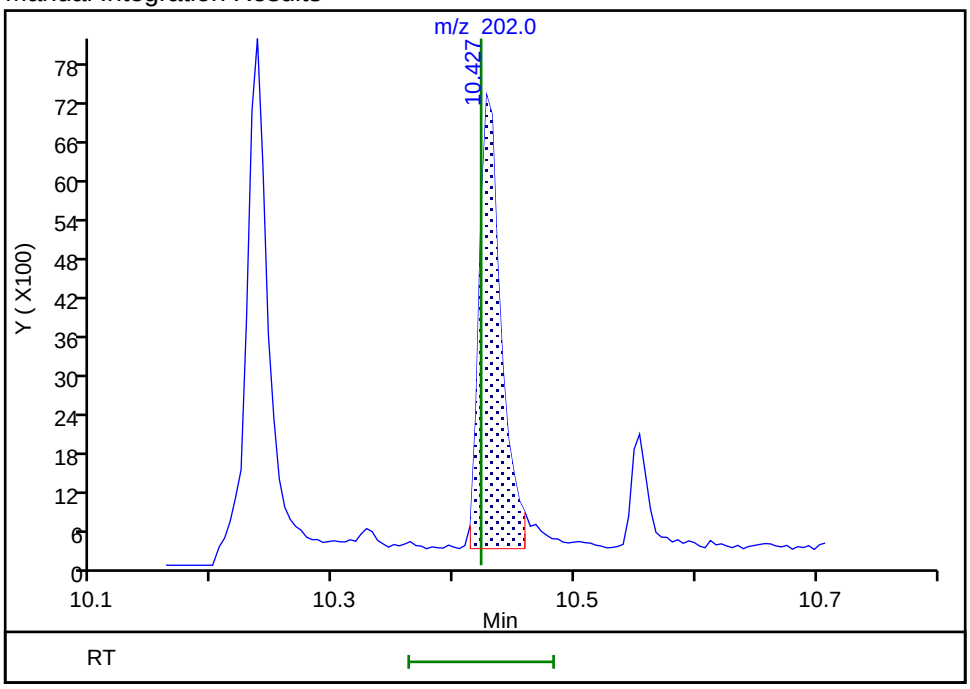
Not Detected
Expected RT: 10.42

Processing Integration Results



Manual Integration Results

RT: 10.43
Area: 8810
Amount: 7.024487
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 09:29:37
Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-383558/2-A

Matrix: Water | Lab File ID: 031422a014.D

Analysis Method: 8270E SIM | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 1000(mL) | Date Analyzed: 03/14/2022 15:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383722 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
90-12-0	1-Methylnaphthalene	1.20		0.10	0.032	0.019
91-57-6	2-Methylnaphthalene	1.31		0.20	0.080	0.039
83-32-9	Acenaphthene	1.23		0.10	0.032	0.014
208-96-8	Acenaphthylene	1.34		0.050	0.032	0.0090
120-12-7	Anthracene	1.35		0.10	0.080	0.022
56-55-3	Benzo[a]anthracene	1.69		0.050	0.032	0.014
50-32-8	Benzo[a]pyrene	1.33		0.10	0.032	0.011
205-99-2	Benzo[b]fluoranthene	1.56		0.050	0.032	0.011
191-24-2	Benzo[g,h,i]perylene	1.46		0.050	0.032	0.012
207-08-9	Benzo[k]fluoranthene	1.38		0.050	0.032	0.012
218-01-9	Chrysene	1.36		0.10	0.032	0.016
53-70-3	Dibenz(a,h)anthracene	1.51	M	0.10	0.032	0.026
206-44-0	Fluoranthene	1.49		0.20	0.032	0.018
86-73-7	Fluorene	1.32		0.10	0.032	0.017
193-39-5	Indeno[1,2,3-cd]pyrene	2.23		0.050	0.032	0.014
91-20-3	Naphthalene	1.30		0.10	0.080	0.031
85-01-8	Phenanthrene	1.52		0.10	0.080	0.031
129-00-0	Pyrene	1.46		0.10	0.080	0.033

CAS NO.	SURROGATE	%REC	Q	LIMITS
7297-45-2	2-methylnaphthalene-d10	57		40-140
93951-69-0	Fluoranthene-d10 (Surr)	69		40-140
1718-51-0	Terphenyl-d14	78		58-132

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a014.D
Lims ID: LCS 580-383558/2-A
Client ID:
Sample Type: LCS
Inject. Date: 14-Mar-2022 15:41:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCS 580-383558/2-A
Operator ID: tl Instrument ID: SEA101

Method: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 15-Mar-2022 09:30:54 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: jantanuc Date: 15-Mar-2022 09:30:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.430	5.430	0.000	1	97485	100.0	100.0	
* 2 Naphthalene-d8	136	6.571	6.571	0.000	1	121859	100.0	100.0	
* 3 Acenaphthene-d10	164	8.030	8.030	0.000	1	61760	100.0	100.0	
* 4 Phenanthrene-d10	188	9.242	9.248	-0.006	1	95654	100.0	100.0	
* 5 Chrysene-d12	240	11.421	11.426	-0.005	1	74559	100.0	100.0	
* 6 Perylene-d12	264	12.916	12.921	-0.005	1	81759	100.0	100.0	
$ 7 2-methylnaphthalene-d10	152	7.152	7.152	0.000	100	406177	1000.0	565.9	
$ 8 2-Fluorobiphenyl	172	7.489	7.489	0.000	1	482416	1000.0	563.4	
$ 9 2,4,6-Tribromophenol	330	8.686	8.691	-0.005	1	115835	1000.0	838.4	
$ 10 Fluoranthene-d10 (Surr)	212	10.219	10.223	-0.004	100	734701	1000.0	694.8	
$ 11 Terphenyl-d14	244	10.558	10.558	0.000	1	560105	1000.0	775.6	
12 Naphthalene	128	6.586	6.586	0.000	1	780152	1000.0	648.3	
13 2-Methylnaphthalene	142	7.178	7.178	0.000	1	496188	1000.0	657.0	
14 1-Methylnaphthalene	142	7.255	7.254	0.001	1	515500	1000.0	597.9	
15 Acenaphthylene	152	7.911	7.916	-0.005	1	787843	1000.0	668.3	
16 Acenaphthene	153	8.055	8.055	0.000	4	510810	1000.0	612.9	
17 Fluorene	166	8.480	8.480	0.000	1	563028	1000.0	662.1	
18 Pentachlorophenol	266	9.116	9.116	0.000	1	32031	2000.0	356.6	
19 Phenanthrene	178	9.264	9.264	0.000	1	819363	1000.0	758.4	
20 Anthracene	178	9.308	9.308	0.000	1	820015	1000.0	676.5	
21 Fluoranthene	202	10.233	10.237	-0.004	1	904134	1000.0	747.2	
22 Pyrene	202	10.418	10.422	-0.004	22	933587	1000.0	731.9	
23 Benzo[a]anthracene	228	11.410	11.416	-0.006	1	704660	1000.0	846.5	
24 Chrysene	228	11.443	11.448	-0.005	1	894470	1000.0	682.0	
25 Benzo[b]fluoranthene	252	12.478	12.483	-0.005	1	741735	1000.0	781.9	
26 Benzo[k]fluoranthene	252	12.510	12.515	-0.005	1	974559	1000.0	691.3	
27 Benzo[a]pyrene	252	12.846	12.851	-0.005	1	725624	1000.0	664.1	
28 Indeno[1,2,3-cd]pyrene	276	14.187	14.192	-0.006	1	997791	1000.0	1116.8	
29 Dibenz(a,h)anthracene	278	14.208	14.219	-0.011	1	839542	1000.0	755.7	a
30 Benzo[g,h,i]perylene	276	14.505	14.515	-0.010	6	960488	1000.0	730.5	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

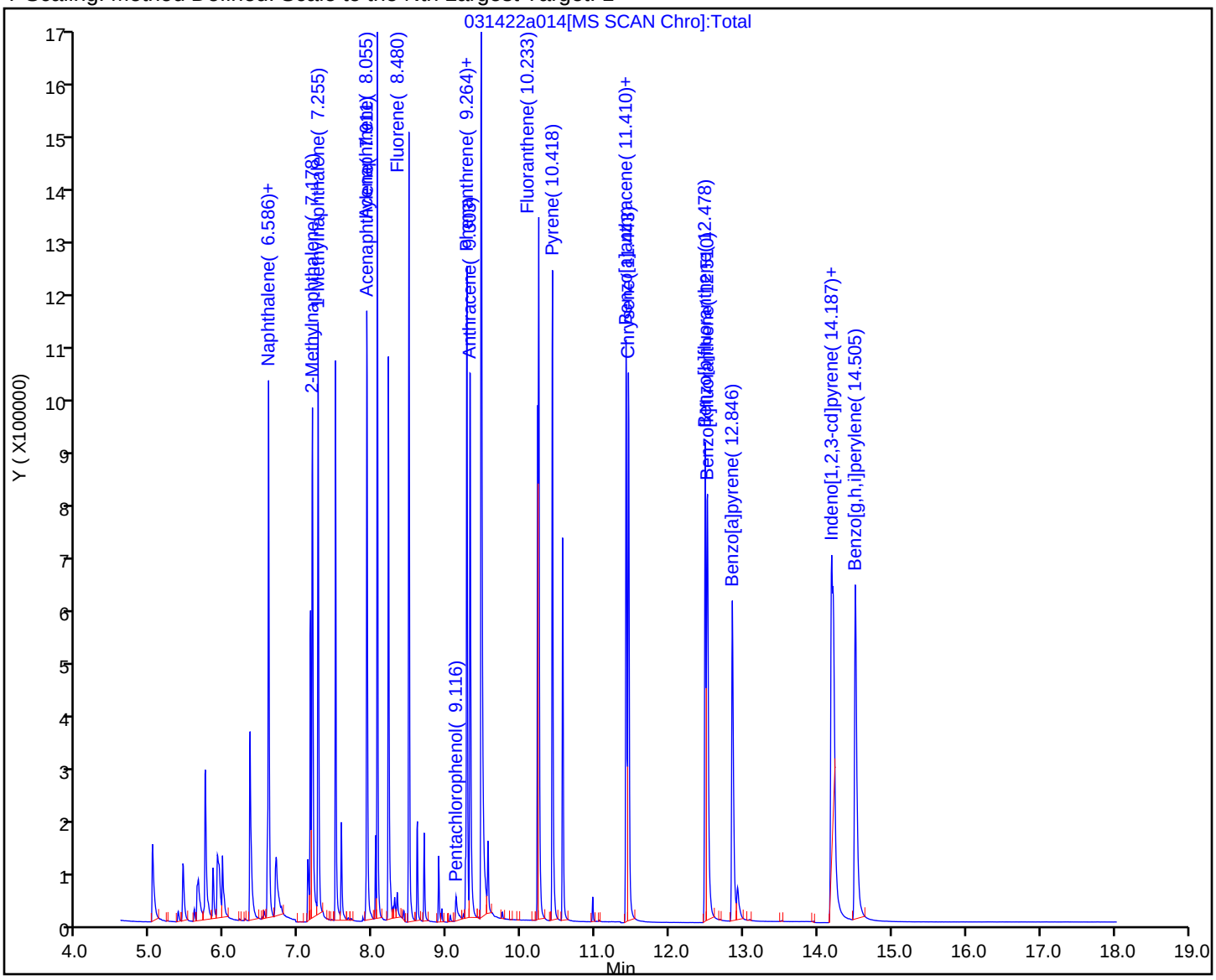
Reagents:

MeCl2_CT_00217	Amount Added:	1.00	Units: uL	Run Reagent
8270SIM_IS_00069	Amount Added:	10.00	Units: uL	Run Reagent

Report Date: 15-Mar-2022 09:30:54 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a014.D
Injection Date: 14-Mar-2022 15:41:30 Instrument ID: SEA101
Lims ID: LCS 580-383558/2-A
Client ID:
Operator ID: tl ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Seattle
Recovery Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a014.D
Lims ID: LCS 580-383558/2-A
Client ID:
Sample Type: LCS
Inject. Date: 14-Mar-2022 15:41:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCS 580-383558/2-A
Operator ID: tl Instrument ID: SEA101

Method: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 15-Mar-2022 09:30:54 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: jantanuc Date: 15-Mar-2022 09:30:54

Compound	Amount Added	Amount Recovered	% Rec.
$ 7 2-methylnaphthalene-d10	1000.0	565.9	56.59
$ 8 2-Fluorobiphenyl	1000.0	563.4	56.34
$ 9 2,4,6-Tribromophenol	1000.0	838.4	83.84
$ 10 Fluoranthene-d10 (Surr)	1000.0	694.8	69.48
$ 11 Terphenyl-d14	1000.0	775.6	77.56

Manual Integration/User Assign Peak Report

Eurofins Seattle

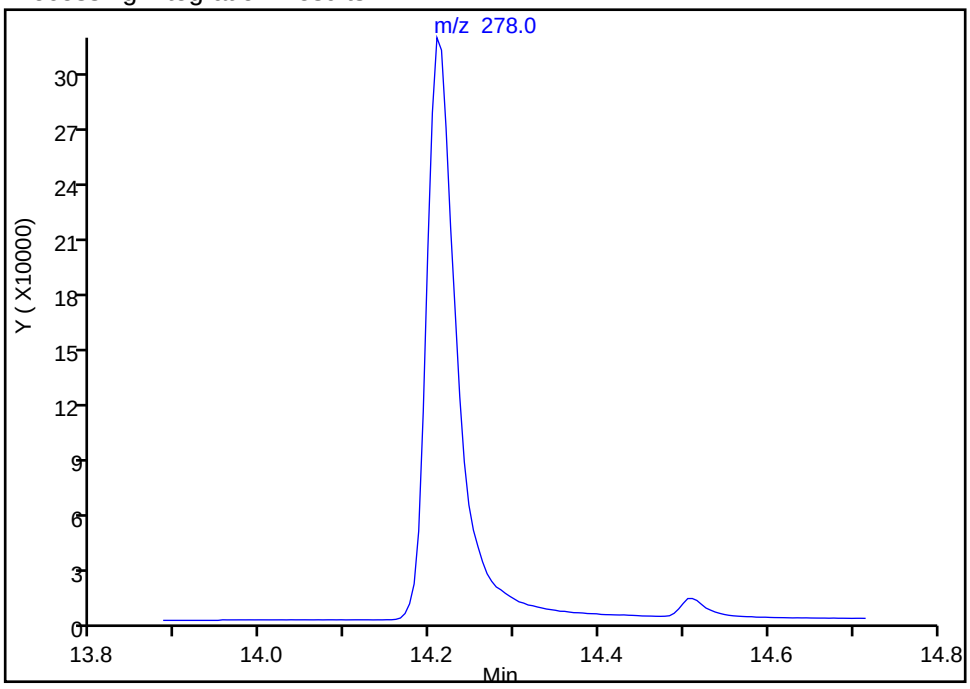
Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a014.D
Injection Date: 14-Mar-2022 15:41:30 Instrument ID: SEA101
Lims ID: LCS 580-383558/2-A
Client ID:
Operator ID: tl ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0
Column: Detector MS SCAN

29 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

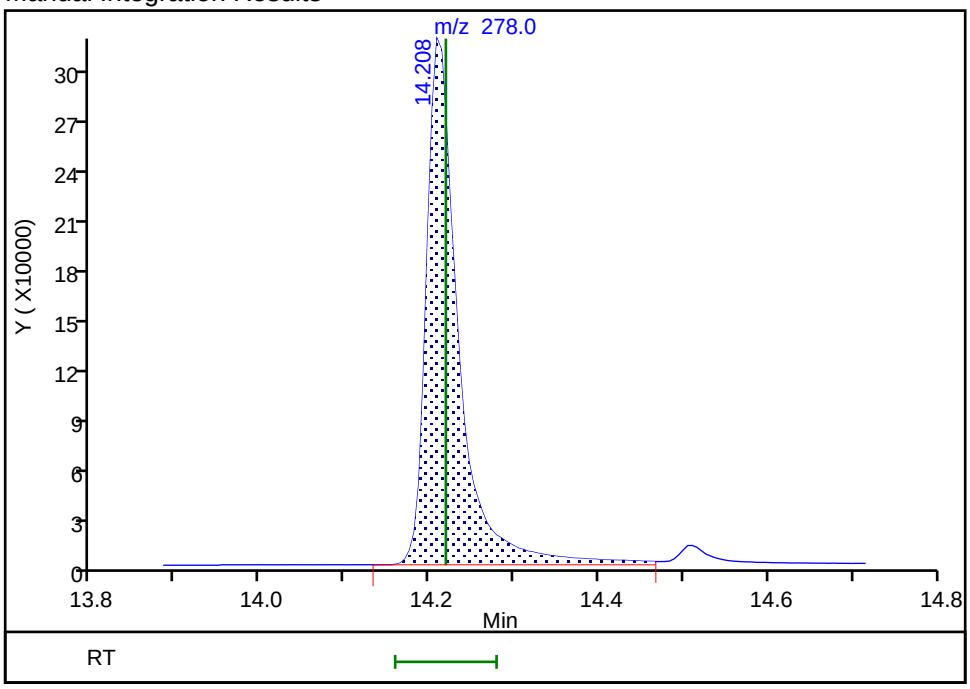
Not Detected
Expected RT: 14.22

Processing Integration Results



Manual Integration Results

RT: 14.21
Area: 839542
Amount: 755.7498
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 09:30:43
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Seattle | Job No.: 580-111087-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 580-383558/3-A

Matrix: Water | Lab File ID: 031422a015.D

Analysis Method: 8270E SIM | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/11/2022 09:25

Sample wt/vol: 1000(mL) | Date Analyzed: 03/14/2022 16:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383722 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
90-12-0	1-Methylnaphthalene	1.24		0.10	0.032	0.019
91-57-6	2-Methylnaphthalene	1.36		0.20	0.080	0.039
83-32-9	Acenaphthene	1.37		0.10	0.032	0.014
208-96-8	Acenaphthylene	1.47		0.050	0.032	0.0090
120-12-7	Anthracene	1.49		0.10	0.080	0.022
56-55-3	Benzo[a]anthracene	1.77		0.050	0.032	0.014
50-32-8	Benzo[a]pyrene	1.38		0.10	0.032	0.011
205-99-2	Benzo[b]fluoranthene	1.65		0.050	0.032	0.011
191-24-2	Benzo[g,h,i]perylene	1.47		0.050	0.032	0.012
207-08-9	Benzo[k]fluoranthene	1.43		0.050	0.032	0.012
218-01-9	Chrysene	1.41		0.10	0.032	0.016
53-70-3	Dibenz(a,h)anthracene	1.55	M	0.10	0.032	0.026
206-44-0	Fluoranthene	1.69		0.20	0.032	0.018
86-73-7	Fluorene	1.47		0.10	0.032	0.017
193-39-5	Indeno[1,2,3-cd]pyrene	2.31		0.050	0.032	0.014
91-20-3	Naphthalene	1.36		0.10	0.080	0.031
85-01-8	Phenanthrene	1.70		0.10	0.080	0.031
129-00-0	Pyrene	1.67		0.10	0.080	0.033

CAS NO.	SURROGATE	%REC	Q	LIMITS
7297-45-2	2-methylnaphthalene-d10	59		40-140
93951-69-0	Fluoranthene-d10 (Surr)	74		40-140
1718-51-0	Terphenyl-d14	82		58-132

Eurofins Seattle
Target Compound Quantitation Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a015.D
Lims ID: LCSD 580-383558/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 14-Mar-2022 16:06:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCSD 580-383558/3-A
Operator ID: tl Instrument ID: SEA101

Method: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 15-Mar-2022 09:31:16 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: jantanuc Date: 15-Mar-2022 09:31:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.430	5.430	0.000	1	104595	100.0	100.0	
* 2 Naphthalene-d8	136	6.571	6.571	0.000	1	130077	100.0	100.0	
* 3 Acenaphthene-d10	164	8.030	8.030	0.000	1	63324	100.0	100.0	
* 4 Phenanthrene-d10	188	9.242	9.248	-0.006	1	96304	100.0	100.0	
* 5 Chrysene-d12	240	11.421	11.426	-0.005	1	78118	100.0	100.0	
* 6 Perylene-d12	264	12.916	12.921	-0.005	1	87034	100.0	100.0	
$ 7 2-methylnaphthalene-d10	152	7.152	7.152	0.000	99	454649	1000.0	593.4	
$ 8 2-Fluorobiphenyl	172	7.489	7.489	0.000	1	543296	1000.0	618.8	
$ 9 2,4,6-Tribromophenol	330	8.686	8.691	-0.005	1	129017	1000.0	906.7	
$ 10 Fluoranthene-d10 (Surr)	212	10.219	10.223	-0.004	100	785705	1000.0	738.0	
$ 11 Terphenyl-d14	244	10.558	10.558	0.000	1	598188	1000.0	822.8	
12 Naphthalene	128	6.586	6.586	0.000	1	871760	1000.0	678.8	
13 2-Methylnaphthalene	142	7.178	7.178	0.000	1	549420	1000.0	681.5	
14 1-Methylnaphthalene	142	7.254	7.254	0.000	1	572418	1000.0	622.0	
15 Acenaphthylene	152	7.911	7.916	-0.005	1	890044	1000.0	736.3	
16 Acenaphthene	153	8.055	8.055	0.000	3	584502	1000.0	684.0	
17 Fluorene	166	8.480	8.480	0.000	1	640644	1000.0	734.8	
18 Pentachlorophenol	266	9.116	9.116	0.000	1	33261	2000.0	360.9	
19 Phenanthrene	178	9.264	9.264	0.000	1	922620	1000.0	848.2	
20 Anthracene	178	9.308	9.308	0.000	1	907973	1000.0	744.3	
21 Fluoranthene	202	10.232	10.237	-0.005	1	1028753	1000.0	844.5	
22 Pyrene	202	10.418	10.422	-0.004	22	1073624	1000.0	836.0	
23 Benzo[a]anthracene	228	11.410	11.416	-0.006	1	775311	1000.0	885.9	
24 Chrysene	228	11.443	11.448	-0.005	1	969808	1000.0	706.8	
25 Benzo[b]fluoranthene	252	12.478	12.483	-0.005	1	833022	1000.0	824.8	
26 Benzo[k]fluoranthene	252	12.510	12.515	-0.005	1	1070833	1000.0	714.0	
27 Benzo[a]pyrene	252	12.845	12.851	-0.006	1	802454	1000.0	689.9	
28 Indeno[1,2,3-cd]pyrene	276	14.181	14.192	-0.011	1	1100526	1000.0	1157.1	
29 Dibenz(a,h)anthracene	278	14.208	14.219	-0.011	1	917326	1000.0	775.8	a
30 Benzo[g,h,i]perylene	276	14.505	14.515	-0.010	6	1025481	1000.0	732.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

MeCl2_CT_00217	Amount Added:	1.00	Units: uL	Run Reagent
8270SIM_IS_00069	Amount Added:	10.00	Units: uL	Run Reagent

Report Date: 15-Mar-2022 09:31:16 Chrom Revision: 2.3 16-Feb-2022 17:52:00

Eurofins Seattle

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a015.D

Injection Date: 14-Mar-2022 16:06:30 Instrument ID: SEA101

Lims ID: LCSD 580-383558/3-A

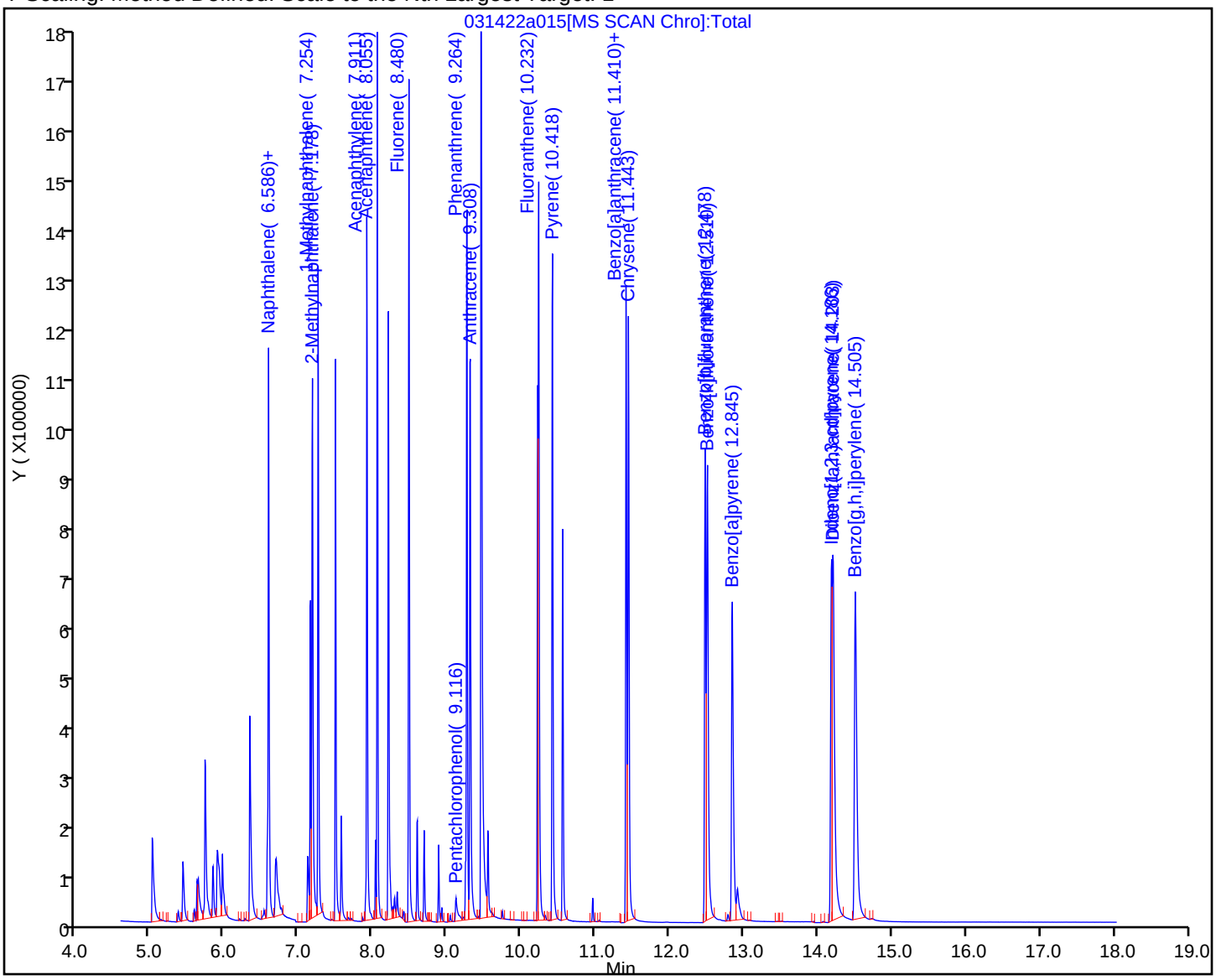
Client ID:

Operator ID: tl ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_SIM_SEA101 Limit Group: 8270D_SIM QSM 5.0

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Seattle
Recovery Report

Data File: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a015.D
Lims ID: LCSD 580-383558/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 14-Mar-2022 16:06:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCSD 580-383558/3-A
Operator ID: tl Instrument ID: SEA101

Method: \\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\8270_SIM_SEA101.m
Limit Group: 8270D_SIM QSM 5.0
Last Update: 15-Mar-2022 09:31:16 Calib Date: 05-Oct-2021 23:04:30
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Seattle\ChromData\SEA101\20211005-79126.b\100521a031.D

Column 1 : Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: jantanuc Date: 15-Mar-2022 09:31:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 7 2-methylnaphthalene-d10	1000.0	593.4	59.34
$ 8 2-Fluorobiphenyl	1000.0	618.8	61.88
$ 9 2,4,6-Tribromophenol	1000.0	906.7	90.67
$ 10 Fluoranthene-d10 (Surr)	1000.0	738.0	73.80
$ 11 Terphenyl-d14	1000.0	822.8	82.28

Manual Integration/User Assign Peak Report

Eurofins Seattle

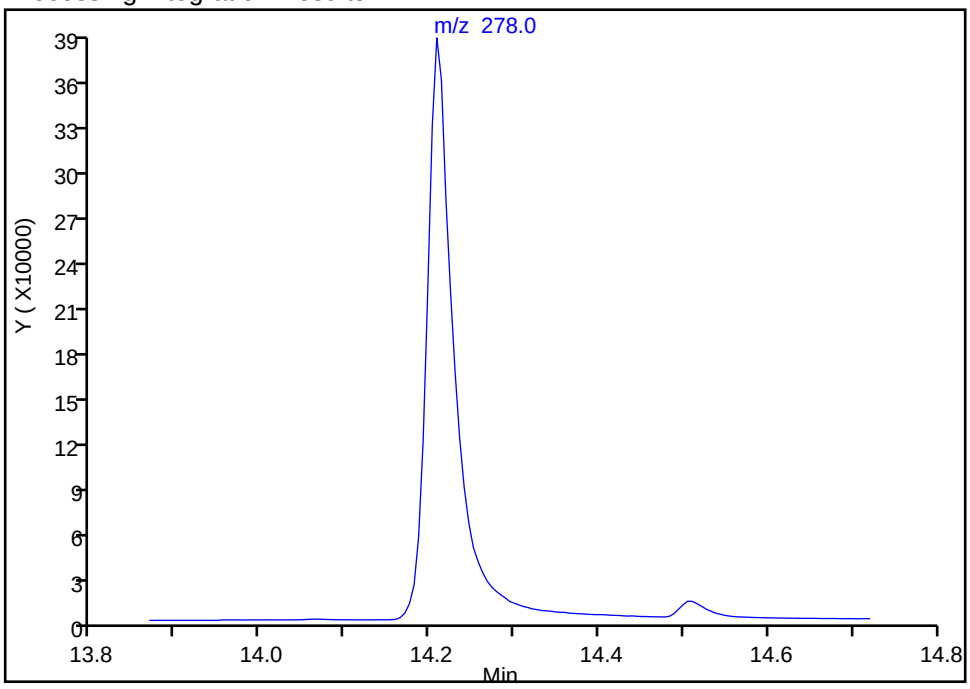
Data File:	\\chromfs\Seattle\ChromData\SEA101\20220314-81722.b\031422a015.D				
Injection Date:	14-Mar-2022 16:06:30	Instrument ID:	SEA101		
Lims ID:	LCSD 580-383558/3-A				
Client ID:					
Operator ID:	tl	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_SIM_SEA101	Limit Group:	8270D_SIM QSM 5.0		
Column:		Detector	MS SCAN		

29 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

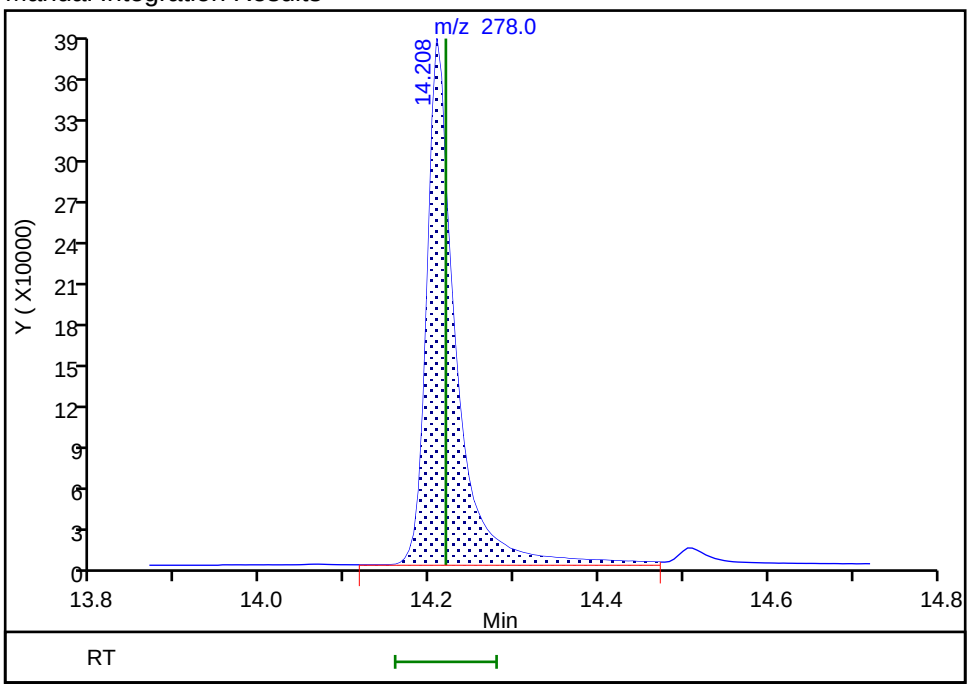
Not Detected
Expected RT: 14.22

Processing Integration Results



Manual Integration Results

RT: 14.21
Area: 917326
Amount: 775.7785
Amount Units: ug/L



Reviewer: jantanuc, 15-Mar-2022 09:31:08
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: SEA101 Start Date: 10/05/2021 17:30

Analysis Batch Number: 369708 End Date: 10/05/2021 23:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-369708/2		10/05/2021 17:30	1	100521a017.D	ZB-SV 0.25(mm)
STD13 580-369708/4 IC		10/05/2021 18:11	1	100521a019.D	ZB-SV 0.25(mm)
STD12 580-369708/5 IC		10/05/2021 18:36	1	100521a020.D	ZB-SV 0.25(mm)
STD11 580-369708/6 IC		10/05/2021 19:00	1	100521a021.D	ZB-SV 0.25(mm)
STD10 580-369708/7 IC		10/05/2021 19:25	1	100521a022.D	ZB-SV 0.25(mm)
STD9IS 580-369708/8 ICIS		10/05/2021 19:49	1	100521a023.D	ZB-SV 0.25(mm)
STD8 580-369708/9 IC		10/05/2021 20:14	1	100521a024.D	ZB-SV 0.25(mm)
STD7 580-369708/10 IC		10/05/2021 20:38	1	100521a025.D	ZB-SV 0.25(mm)
STD6 580-369708/11 IC		10/05/2021 21:03	1	100521a026.D	ZB-SV 0.25(mm)
STD5 580-369708/12 IC		10/05/2021 21:27	1	100521a027.D	ZB-SV 0.25(mm)
STD4 580-369708/13 IC		10/05/2021 21:51	1	100521a028.D	ZB-SV 0.25(mm)
STD3 580-369708/14 IC		10/05/2021 22:15	1	100521a029.D	ZB-SV 0.25(mm)
STD2 580-369708/15 IC		10/05/2021 22:40	1	100521a030.D	ZB-SV 0.25(mm)
STD1 580-369708/16 IC		10/05/2021 23:04	1	100521a031.D	ZB-SV 0.25(mm)
ICV 580-369708/18		10/05/2021 23:52	1	100521a033.D	ZB-SV 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Instrument ID: SEA101 Start Date: 03/14/2022 13:43

Analysis Batch Number: 383722 End Date: 03/15/2022 00:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-383722/2		03/14/2022 13:43	1	031422a009.D	ZB-SV 0.25(mm)
CCVIS 580-383722/3		03/14/2022 13:59	1	031422a010.D	ZB-SV 0.25(mm)
MB 580-383558/1-A		03/14/2022 15:17	1	031422a013.D	ZB-SV 0.25(mm)
LCS 580-383558/2-A		03/14/2022 15:41	1	031422a014.D	ZB-SV 0.25(mm)
LCSD 580-383558/3-A		03/14/2022 16:06	1	031422a015.D	ZB-SV 0.25(mm)
ZZZZZ		03/14/2022 21:22	1		ZB-SV 0.25(mm)
580-111087-1	ERH2672 (RHMW10)	03/14/2022 21:46	1	031422a029.D	ZB-SV 0.25(mm)
580-111087-2	ERH2670 (RHMW19)	03/14/2022 22:11	1	031422a030.D	ZB-SV 0.25(mm)
CCVC 580-383722/28		03/15/2022 00:11	1	031422a035.D	ZB-SV 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Batch Number: 383558 Batch Start Date: 03/11/22 09:25 Batch Analyst: Yu, Johnathon J

Batch Method: 3510C Batch End Date: 03/11/22 16:36

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH
MB 580-383558/1		3510C, 8270E SIM				1000 mL	2 mL	7 SU	2 SU
LCS 580-383558/2		3510C, 8270E SIM				1000 mL	2 mL	7 SU	2 SU
LCSD 580-383558/3		3510C, 8270E SIM				1000 mL	2 mL	7 SU	2 SU
580-111087-B-1	ERH2672 (RHMW10)	3510C, 8270E SIM	T	01453.37 g	00467.26 g	986.1 mL	2 mL	7 SU	2 SU
580-111087-B-2	ERH2670 (RHMW19)	3510C, 8270E SIM	T	01461.77 g	00467.66 g	994.1 mL	2 mL	7 SU	2 SU

Lab Sample ID	Client Sample ID	Method Chain	Basis	SecondAdjustpH	8270flspk 00296	8270waterSurr 00118			
MB 580-383558/1		3510C, 8270E SIM		11 SU		100 uL			
LCS 580-383558/2		3510C, 8270E SIM		11 SU	100 uL	100 uL			
LCSD 580-383558/3		3510C, 8270E SIM		11 SU	100 uL	100 uL			
580-111087-B-1	ERH2672 (RHMW10)	3510C, 8270E SIM	T	11 SU		100 uL			
580-111087-B-2	ERH2670 (RHMW19)	3510C, 8270E SIM	T	11 SU		100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Seattle Job No.: 580-111087-1

SDG No.:

Batch Number: 383558 Batch Start Date: 03/11/22 09:25 Batch Analyst: Yu, Johnathon J

Batch Method: 3510C Batch End Date: 03/11/22 16:36

Batch Notes	
Method/Fraction	3510C / 625.1 / 8270E
Balance ID	SEA225
pH Indicator ID	6007005 / 6911002
Pipette/Syringe/Dispenser ID	MP5
Analyst ID - Extraction	JJY/AL
Reagent Water ID	DI
Analyst ID - Spike Analyst	JJY
Analyst ID - Spike Witness Analyst	DH
Sufficient Volume for Batch QC	no
Acid Used for pH Adjustment ID	3020736
Base Used to Adjust pH ID	3064763
Prep Solvent ID	3076033
Prep Solvent Volume Used	180 / 360 mL
Filter ID	3048946
Na2SO4 ID	3058747
Analyst ID - Concentration	AL
Equipment ID - Concentration 1	Steambath 1
Thermometer ID - Concentration 1	61013-040-1
Concentration 1 Uncorrected Temperature	70.0-75.0 Degrees C
Concentration 1 Corrected Temperature	69.4-74.4 Degrees C
Equipment ID - Concentration 2	Turbovap5
Thermometer ID - Concentration 2	DIGITALREADOUT
Concentration 2 Uncorrected Temperature	20.0 Degrees C
Concentration 2 Corrected Temperature	18.0 Degrees C
Vial Lot Number	24165097
Batch Comment	Vialed by: JHR/AL

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

580-111087 Chain of Custody

Chain of Custody Record

eurofins | Environment Testing America

Client Contact: Alethea Ramos (alternate: Margie Pascua)	Sampler:	Lab PM: Elaine Walker	Carrier Tracking No(s): FedEx	COC No: EURO202203-18
Company: AECOM	Phone:	E-Mail: M.Elaine.Walker@EurofinsET.com	State of Origin: Hawaii	Page: Page 1 of 1
Address: 1001 Bishop St. Suite 1600	PWSID:			Job #:
City: Honolulu	Due Date Requested: see subcontract			
State, Zip: Hawaii 96813	TAT Requested (days): Rush - ASAP			
Phone: 808-521-3051 (direct: 808-529-7283) (alternate: 808-356-5373)	Compliance Project: Δ Yes Δ No			
Email: alethea.ramos@aecom.com (alternate: margie.pascua@aecom.com)	PO #:			
Project Name: CV18F0126	WO #:			
Site: RH	Project #: 60571032			
	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SVOCs (full suite) by 8270D (Nap, 1-2-Methylnap, PAH) by 8270DSIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
ERH2672 (RHMW10)	3/4/22	1130	G	W	N		x	2	

Possible Hazard Identification
Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ■ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Prelim data (Level 1or2)=see TAT above. DoD Stage 4 report standard TAT. AECOM EQuIS EDD.

Special Instructions/QC Requirements: DOD QSM project.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Nick Edmonds	Date/Time: 3/6/22 1300	Company: AECOM	Received by:	Date/Time: 3/7/22 0940	Company: ET GS
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time	Company:

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: TR8 -0.2/-0.4 ES B Bottles w/cs

Eurofins FGS, Seattle
5755 8th Street East
Tacoma, WA 98424

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler:	Lab PM: Elaine Walker	Carrier Tracking No(s): FedEx	COC No: EURO202203-15
Client Contact: Alethea Ramos (alternate: Margie Pascua)	Phone:	E-Mail: M.Elaine.Walker@EurofinsET.com	State of Origin: Hawaii	Page: Page 1 of 1
Company: AECOM	PWSID:	**Analysis Requested**		Job #:
Address: 1001 Bishop St. Suite 1600	Due Date Requested: see subcontract			
City: Honolulu	TAT Requested (days): Rush - ASAP			
State, Zip: Hawaii 96813	Compliance Project: Δ Yes Δ No			
Phone: 808-521-3051 (direct: 808-529-7283) (alternate: 808-356-5373)	PO #:			
Email: alethea.ramos@aecom.com (alternate: margie.pascua@aecom.com)	WO #:			
Project Name: CV18F0126	Project #: 60571032			
Site: RH	SSOW#:			

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SVOCs (full suite) by 8270D (Nap, 1-2-Mathylnap, PAH) by 8270DSIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:				I		
ERH2670 (RHMW19)	3/4/22	1435	G	W	N		x	2	

un 3/6/22

Possible Hazard Identification
■ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ■ Disposal By Lab ☐ Archive For ________ Months

Deliverable Requested: I, II, III, IV, Other (specify) — Prelim data (Level 1or2)=see TAT above. DoD Stage 4 report standard TAT. AECOM EQuIS EDD.

Special Instructions/QC Requirements: DOD QSM project.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Alek Edmonds	3/6/22 1300	AECOM	[signature]	3/7/22 0940	EFO

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: FR8 -0.2/-0.4 LS3 [illegible]

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: AECOM

Job Number: 580-111087-1

Login Number: 111087
List Number: 1
Creator: Greene, Ashton R

List Source: Eurofins Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	