284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

METALS
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : AMSTERDAM

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q1945

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q1945

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Cover Page

Order ID : Q1945

Project ID : Amsterdam

Client : G Environmental

Lab Sample Number	Client Sample Number
Q1945-01	GB1W
Q1945-02	GB3W

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 4:40 pm, May 14, 2025

Date: 5/12/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : G Environmental

Project Location : Project Number : - Amsterdam

Laboratory Sample ID(s) : Q1945 Sampling Date(s) : 05/02/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **6010D,7470A,8260-Low,8270E**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☑ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☑ Yes ☐ No ☑ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was “No” (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is “No”, the data package does not meet the requirements for “Data of Known Quality.”

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CASE NARRATIVE

G Environmental
Project Name: Amsterdam
Project # N/A
Order ID # Q1945
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
2 Water samples were received on 05/02/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, SVOCMS Group1 and VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis of VOCMS Group1 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .
The Tuning criteria met requirements.

E. Additional Comments:
VIAL A and B combined to run sample # 02 having much sediment and not possible to run separately.

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

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Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 4:41 pm, May 14, 2025

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CASE NARRATIVE

G Environmental
Project Name: Amsterdam
Project # N/A
Order ID# Q1945 Test Name:
SVOCMS Group1

A. Number of Samples and Date of Receipt:
2 Water samples were received on 05/02/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, SVOCMS Group1 and VOCMS Group1. This data package contains results for SVOCMS Group1.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group1 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The RPD met criteria .
The Blank Spike for {PB167889BS} with File ID: BM050142.D met requirements for all samples except for 3,3-Dichlorobenzidine[50%], 3-Nitroaniline[50%] and 4-Chloroaniline[35%] . These compounds did not meet the NJDKQP criteria but met the in-house criteria .
The Blank Spike Duplicate for {PB167889BSD} with File ID: BM050143.D met requirements for all samples except for 3,3-Dichlorobenzidine[50%], 3-Nitroaniline[47%] and 4-Chloroaniline[32%] . These compounds did not meet the NJDKQP criteria but met the in-house criteria .
The Blank analysis did not indicate the presence of lab contamination.
The % RSD is greater than 20% in the Initial Calibration (8270-BM042825.M) for 2,4-Dinitrophenol and 4-Nitrophenol these compound are passing on Linear Regression.
The Continuous Calibration met the requirements .
The Tuning criteria met requirements.

Samples GB1W, GB3W were diluted due to high concentrations.

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E. Additional Comments:

The Form 6 is not included in the data package because the Initial Calibration was performed using 8 points.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature 

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CASE NARRATIVE

G Environmental
Project Name: Amsterdam
Project # N/A
Order ID# Q1945
Test Name: Metals ICP-TAL,Mercury

A. Number of Samples and Date of Receipt:
2 Water samples were received on 05/02/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, SVOCMS Group1 and VOCMS Group1. This data package contains results for Metals ICP-TAL,Mercury.

C. Analytical Techniques:
The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of Mercury was based on method 7470A.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
Sample GB1W was diluted due to high concentrations for Zinc.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.

The Matrix Spike (GB1WMS) analysis met criteria for all samples except for Mercury due to sample matrix interference.

The Matrix Spike Duplicate (GB1WMSD) analysis met criteria for all samples except for Mercury due to sample matrix interference.

The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:

In analytical sequence LB135674, The % recovery was outside of acceptance limit for Beryllium and Magnesium of CCV06 but, no any sample associated under this CCV.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature APPROVED
By Nimisha Pandya, QA/QC Supervisor at 4:42 pm, May 14, 2025

284 Sheffield Street, Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1945

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 05/12/2025

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Hit Summary Sheet
SW-846

SDG No.: Q1945

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**GB1W**								
Q1945-01	GB1W	Water	Acetone		2.80	J	1.50	5.00	ug/L
			Total Voc :		2.80				
			Total Concentration:		2.80				
Client ID:	**GB3W**								
Q1945-02	GB3W	Water	Acetone		13.4		1.50	5.00	ug/L
Q1945-02	GB3W	Water	Carbon Disulfide		0.52	J	0.21	1.00	ug/L
Q1945-02	GB3W	Water	Methylene Chloride		0.42	J	0.28	1.00	ug/L
Q1945-02	GB3W	Water	Cyclohexane		9.80		1.50	5.00	ug/L
Q1945-02	GB3W	Water	Methylcyclohexane		56.8		0.16	1.00	ug/L
Q1945-02	GB3W	Water	Toluene		28.0		0.14	1.00	ug/L
Q1945-02	GB3W	Water	Chlorobenzene		1.00		0.12	1.00	ug/L
Q1945-02	GB3W	Water	o-Xylene		2.30		0.12	1.00	ug/L
Q1945-02	GB3W	Water	Isopropylbenzene		23.3		0.12	1.00	ug/L
			Total Voc :		136				
Q1945-02	GB3W	Water	Benzene, 1,2,4,5-tetramethyl-	*	45.9	J	0	0	ug/L
Q1945-02	GB3W	Water	unknown10.775	*	39.9	J	0	0	ug/L
Q1945-02	GB3W	Water	Naphthalene, 1,7-dimethyl-	*	61.6	J	0	0	ug/L
Q1945-02	GB3W	Water	Naphthalene, 1,3-dimethyl-	*	58.7	J	0	0	ug/L
Q1945-02	GB3W	Water	Naphthalene, 1,6-dimethyl-	*	95.6	J	0	0	ug/L
Q1945-02	GB3W	Water	Naphthalene, 2,3-dimethyl-	*	110	J	0	0	ug/L
Q1945-02	GB3W	Water	Benzene, 1-ethenyl-2-methyl-	*	51.4	J	0	0	ug/L
Q1945-02	GB3W	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	57.8	J	0	0	ug/L
Q1945-02	GB3W	Water	Benzene, 2-butenyl-	*	170	J	0	0	ug/L
Q1945-02	GB3W	Water	1H-Indene, 2,3-dihydro-4,7-din	*	51.0	J	0	0	ug/L
Q1945-02	GB3W	Water	Cyclohexane, 1,2-dimethyl-, tra	*	36.7	J	0	0	ug/L
Q1945-02	GB3W	Water	Benzene, 1-ethenyl-3-ethyl-	*	65.5	J	0	0	ug/L
Q1945-02	GB3W	Water	Benzene, (2-methyl-1-butenyl)-	*	69.2	J	0	0	ug/L
Q1945-02	GB3W	Water	n-propylbenzene	*	30.0	J	0.13	1.00	ug/L
Q1945-02	GB3W	Water	2-Chlorotoluene	*	9.90	J	0.14	1.00	ug/L
Q1945-02	GB3W	Water	tert-Butylbenzene	*	3.90	J	0.14	1.00	ug/L
Q1945-02	GB3W	Water	1,2,4-Trimethylbenzene	*	0.52	J	0.14	1.00	ug/L
Q1945-02	GB3W	Water	sec-Butylbenzene	*	11.0	J	0.13	1.00	ug/L
Q1945-02	GB3W	Water	n-Butylbenzene	*	5.30	J	0.15	1.00	ug/L
			Total Tics :		974				
			Total Concentration:		1110				

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB1W	SDG No.:	Q1945
Lab Sample ID:	Q1945-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046055.D	1		05/06/25 11:52	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	2.80	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB1W	SDG No.:	Q1945
Lab Sample ID:	Q1945-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046055.D	1		05/06/25 11:52	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.0		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	50.6		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.9		70 (77) - 130 (121)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	65300	5.544			
540-36-3	1,4-Difluorobenzene	127000	6.757			
3114-55-4	Chlorobenzene-d5	117000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	48100	12.018			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB1W	SDG No.:	Q1945
Lab Sample ID:	Q1945-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046055.D	1		05/06/25 11:52	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB3W	SDG No.:	Q1945
Lab Sample ID:	Q1945-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046056.D	1		05/06/25 12:15	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	13.4		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.52	J	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.42	J	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	9.80		1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	56.8		0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB3W	SDG No.:	Q1945
Lab Sample ID:	Q1945-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046056.D	1		05/06/25 12:15	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	28.0		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	2.30		0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	23.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.3		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	51.2		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	65700	5.55			
540-36-3	1,4-Difluorobenzene	129000	6.757			
3114-55-4	Chlorobenzene-d5	118000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	54800	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB3W	SDG No.:	Q1945
Lab Sample ID:	Q1945-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046056.D	1		05/06/25 12:15	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
006876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	36.7	J		8.97	ug/L
000286-08-8	unknown10.775	39.9	J		10.8	ug/L
103-65-1	n-propylbenzene	30.0	J		11.3	ug/L
95-49-8	2-Chlorotoluene	9.90	J		11.4	ug/L
98-06-6	tert-Butylbenzene	3.90	J		11.7	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.52	J		11.8	ug/L
135-98-8	sec-Butylbenzene	11.0	J		11.9	ug/L
000611-15-4	Benzene, 1-ethenyl-2-methyl-	51.4	J		12.2	ug/L
104-51-8	n-Butylbenzene	5.30	J		12.3	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	57.8	J		12.6	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	65.5	J		12.7	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	45.9	J		12.9	ug/L
001560-06-1	Benzene, 2-butenyl-	170	J		13.3	ug/L
056253-64-6	Benzene, (2-methyl-1-butenyl)-	69.2	J		13.7	ug/L
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	51.0	J		14.2	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	95.6	J		15.5	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	110	J		15.6	ug/L
000575-37-1	Naphthalene, 1,7-dimethyl-	61.6	J		15.6	ug/L
000575-41-7	Naphthalene, 1,3-dimethyl-	58.7	J		15.8	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q1945

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1945-01	GB1W	1,2-Dichloroethane-d4	50	52.0	104	70 (74)	130 (125)
		Dibromofluoromethane	50	50.1	100	70 (75)	130 (124)
		Toluene-d8	50	50.6	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.9	98	70 (77)	130 (121)
Q1945-02	GB3W	1,2-Dichloroethane-d4	50	52.3	105	70 (74)	130 (125)
		Dibromofluoromethane	50	50.3	101	70 (75)	130 (124)
		Toluene-d8	50	51.2	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.3	103	70 (77)	130 (121)
VX0506WBL01	VX0506WBL01	1,2-Dichloroethane-d4	50	53.4	107	70 (74)	130 (125)
		Dibromofluoromethane	50	50.3	101	70 (75)	130 (124)
		Toluene-d8	50	49.6	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.7	99	70 (77)	130 (121)
VX0506WBS01	VX0506WBS01	1,2-Dichloroethane-d4	50	45.4	91	70 (74)	130 (125)
		Dibromofluoromethane	50	45.2	90	70 (75)	130 (124)
		Toluene-d8	50	45.6	91	70 (86)	130 (113)
		4-Bromofluorobenzene	50	44.8	89	70 (77)	130 (121)
VX0506WBSD0	VX0506WBSD01	1,2-Dichloroethane-d4	50	46.2	92	70 (74)	130 (125)
		Dibromofluoromethane	50	47.3	95	70 (75)	130 (124)
		Toluene-d8	50	46.6	93	70 (86)	130 (113)
		4-Bromofluorobenzene	50	45.9	92	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1945

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046053.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0506WBS01	Dichlorodifluoromethane	20	20.6	ug/L	103			40 (69)	160 (116)	
	Chloromethane	20	19.1	ug/L	96			40 (65)	160 (116)	
	Vinyl chloride	20	18.6	ug/L	93			70 (65)	130 (117)	
	Bromomethane	20	20.2	ug/L	101			40 (58)	160 (125)	
	Chloroethane	20	20.8	ug/L	104			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.3	ug/L	97			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.1	ug/L	96			70 (80)	130 (112)	
	Tert butyl alcohol	100	97.3	ug/L	97			70 (73)	130 (124)	
	1,1-Dichloroethene	20	18.7	ug/L	94			70 (74)	130 (110)	
	Acetone	100	94.9	ug/L	95			40 (60)	160 (125)	
	Carbon disulfide	20	18.7	ug/L	94			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.0	ug/L	95			70 (78)	130 (114)	
	Methyl Acetate	20	19.1	ug/L	96			70 (67)	130 (125)	
	Methylene Chloride	20	18.1	ug/L	91			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.9	ug/L	95			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.6	ug/L	98			70 (78)	130 (112)	
	Cyclohexane	20	18.9	ug/L	95			70 (75)	130 (110)	
	2-Butanone	100	97.6	ug/L	98			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.1	ug/L	96			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.0	ug/L	95			70 (77)	130 (110)	
	Bromochloromethane	20	19.6	ug/L	98			70 (70)	130 (124)	
	Chloroform	20	19.6	ug/L	98			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.5	ug/L	98			70 (80)	130 (108)	
	Methylcyclohexane	20	18.4	ug/L	92			70 (72)	130 (115)	
	Benzene	20	19.5	ug/L	98			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.6	ug/L	98			70 (80)	130 (115)	
	Trichloroethene	20	18.9	ug/L	95			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.9	ug/L	100			70 (83)	130 (111)	
	Bromodichloromethane	20	19.7	ug/L	99			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	99.1	ug/L	99			40 (74)	160 (118)	
	Toluene	20	19.5	ug/L	98			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.8	ug/L	94			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.3	ug/L	97			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.4	ug/L	97			70 (83)	130 (112)	
	2-Hexanone	100	100	ug/L	100			40 (73)	160 (117)	
	Dibromochloromethane	20	20.1	ug/L	101			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.3	ug/L	97			70 (81)	130 (110)	
	Tetrachloroethene	20	18.5	ug/L	93			70 (67)	130 (123)	
	Chlorobenzene	20	18.9	ug/L	95			70 (82)	130 (109)	
	Ethyl Benzene	20	19.4	ug/L	97			70 (83)	130 (109)	
	m/p-Xylenes	40	39.6	ug/L	99			70 (82)	130 (110)	
	o-Xylene	20	20.1	ug/L	101			70 (83)	130 (109)	
	Styrene	20	19.8	ug/L	99			70 (80)	130 (111)	
	Bromoform	20	18.5	ug/L	93			70 (79)	130 (109)	
	Isopropylbenzene	20	19.6	ug/L	98			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	19.5	ug/L	98			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.9	ug/L	95			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.9	ug/L	95			70 (82)	130 (107)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1945

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046053.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0506WBS01	1,2-Dichlorobenzene	20	19.3	ug/L	97			70 (82)	130 (109)	
	1,2-Dibromo-3-Chloropropane	20	19.5	ug/L	98			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	18.2	ug/L	91			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	18.2	ug/L	91			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1945

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046054.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0506WBSD01	Dichlorodifluoromethane	20	19.8	ug/L	99	4		40 (69)	160 (116)	20 (20)
	Chloromethane	20	18.6	ug/L	93	3		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	17.6	ug/L	88	6		70 (65)	130 (117)	20 (20)
	Bromomethane	20	18.9	ug/L	95	6		40 (58)	160 (125)	20 (20)
	Chloroethane	20	19.2	ug/L	96	8		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	19.3	ug/L	97	0		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	18.7	ug/L	94	2		70 (80)	130 (112)	20 (20)
	Tert butyl alcohol	100	98.7	ug/L	99	2		70 (73)	130 (124)	20 (20)
	1,1-Dichloroethene	20	18.3	ug/L	92	2		70 (74)	130 (110)	20 (20)
	Acetone	100	95.4	ug/L	95	0		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	17.9	ug/L	90	4		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	19.2	ug/L	96	1		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	20.1	ug/L	101	5		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	18.4	ug/L	92	1		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.6	ug/L	93	2		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	19.2	ug/L	96	2		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	18.5	ug/L	93	2		70 (75)	130 (110)	20 (20)
	2-Butanone	100	99.9	ug/L	100	2		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	19.1	ug/L	96	0		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	19.0	ug/L	95	0		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	19.8	ug/L	99	1		70 (70)	130 (124)	20 (20)
	Chloroform	20	19.1	ug/L	96	2		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	18.9	ug/L	95	3		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	18.7	ug/L	94	2		70 (72)	130 (115)	20 (20)
	Benzene	20	19.5	ug/L	98	0		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	20.2	ug/L	101	3		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.1	ug/L	96	1		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	19.0	ug/L	95	5		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	20.0	ug/L	100	1		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	100	ug/L	100	1		40 (74)	160 (118)	20 (20)
	Toluene	20	19.8	ug/L	99	1		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	19.9	ug/L	100	6		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	19.8	ug/L	99	2		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	20.7	ug/L	104	7		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	10		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	19.9	ug/L	100	1		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.7	ug/L	104	7		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	18.4	ug/L	92	1		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	19.0	ug/L	95	0		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	19.2	ug/L	96	1		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	39.1	ug/L	98	1		70 (82)	130 (110)	20 (20)
	o-Xylene	20	19.6	ug/L	98	3		70 (83)	130 (109)	20 (20)
	Styrene	20	20.0	ug/L	100	1		70 (80)	130 (111)	20 (20)
	Bromoform	20	19.4	ug/L	97	4		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	19.6	ug/L	98	0		70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	19.9	ug/L	100	2		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	19.1	ug/L	96	1		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	19.1	ug/L	96	1		70 (82)	130 (107)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1945

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046054.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0506WBSD01	1,2-Dichlorobenzene	20	19.8	ug/L	99	2		70 (82)	130 (109)	20 (20)
	1,2-Dibromo-3-Chloropropane	20	20.4	ug/L	102	4		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	18.7	ug/L	94	3		70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	18.7	ug/L	94	3		70 (76)	130 (114)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0506WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

Lab File ID: VX046052.D Lab Sample ID: VX0506WBL01

Date Analyzed: 05/06/2025 Time Analyzed: 10:39

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0506WBS01	VX0506WBS01	VX046053.D	05/06/2025
VX0506WBSD01	VX0506WBSD01	VX046054.D	05/06/2025
GB1W	Q1945-01	VX046055.D	05/06/2025
GB3W	Q1945-02	VX046056.D	05/06/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

Lab File ID: VX046038.D BFB Injection Date: 05/05/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:37

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.1
75	30.0 - 60.0% of mass 95	56.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	68.8
175	5.0 - 9.0% of mass 174	5 (7.3) 1
176	95.0 - 101.0% of mass 174	66.7 (97) 1
177	5.0 - 9.0% of mass 176	4.6 (6.9) 2

1-Value is % mass 174 2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC020	VSTDICC020	VX046041.D	05/05/2025	11:35
VSTDICCC050	VSTDICCC050	VX046042.D	05/05/2025	11:58
VSTDICC100	VSTDICC100	VX046043.D	05/05/2025	12:21
VSTDICC150	VSTDICC150	VX046044.D	05/05/2025	12:45
VSTDICC005	VSTDICC005	VX046046.D	05/05/2025	16:04
VSTDICC001	VSTDICC001	VX046047.D	05/05/2025	16:27

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

Lab File ID: VX046049.D BFB Injection Date: 05/06/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:07

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.7
75	30.0 - 60.0% of mass 95	58.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	67.6
175	5.0 - 9.0% of mass 174	4.7 (6.9) 1
176	95.0 - 101.0% of mass 174	67.5 (99.9) 1
177	5.0 - 9.0% of mass 176	4.3 (6.3) 2

1-Value is % mass 174 2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046050.D	05/06/2025	09:48
VX0506WBL01	VX0506WBL01	VX046052.D	05/06/2025	10:39
VX0506WBS01	VX0506WBS01	VX046053.D	05/06/2025	11:02
VX0506WBSD01	VX0506WBSD01	VX046054.D	05/06/2025	11:29
GB1W	Q1945-01	VX046055.D	05/06/2025	11:52
GB3W	Q1945-02	VX046056.D	05/06/2025	12:15

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

Lab File ID: VX046050.D Date Analyzed: 05/06/2025

Instrument ID: MSVOA_X Time Analyzed: 09:48

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	102261	5.54	171901	6.75	149362	10.05
UPPER LIMIT	204522	6.037	343802	7.251	298724	10.549
LOWER LIMIT	51130.5	5.037	85950.5	6.251	74681	9.549
EPA SAMPLE NO.						
GB1W	65315	5.54	126773	6.76	116564	10.05
GB3W	65682	5.55	129171	6.76	117957	10.05
VX0506WBL01	68197	5.54	136434	6.76	126551	10.05
VX0506WBS01	94779	5.54	165135	6.76	143077	10.05
VX0506WBSD01	95217	5.54	162321	6.76	142687	10.05

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

Lab File ID: VX046050.D Date Analyzed: 05/06/2025

Instrument ID: MSVOA_X Time Analyzed: 09:48

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	71104	12.018				
UPPER LIMIT	142208	12.518				
LOWER LIMIT	35552	11.518				
EPA SAMPLE NO.						
GB1W	48139	12.02				
GB3W	54778	12.02				
VX0506WBL01	54743	12.02				
VX0506WBS01	67454	12.02				
VX0506WBSD01	67703	12.02				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0506WBL01	SDG No.:	Q1945
Lab Sample ID:	VX0506WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046052.D	1		05/06/25 10:39	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0506WBL01	SDG No.:	Q1945
Lab Sample ID:	VX0506WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046052.D	1		05/06/25 10:39	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.4		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	49.6		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	68200	5.544			
540-36-3	1,4-Difluorobenzene	136000	6.757			
3114-55-4	Chlorobenzene-d5	127000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	54700	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0506WBL01	SDG No.:	Q1945
Lab Sample ID:	VX0506WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046052.D	1		05/06/25 10:39	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0506WBS01	SDG No.:	Q1945
Lab Sample ID:	VX0506WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046053.D	1		05/06/25 11:02	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.6		0.22	1.00	ug/L
74-87-3	Chloromethane	19.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.6		0.26	1.00	ug/L
74-83-9	Bromomethane	20.2		1.40	5.00	ug/L
75-00-3	Chloroethane	20.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.3		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.1		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	97.3		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.7		0.23	1.00	ug/L
67-64-1	Acetone	94.9		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.7		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.1		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.9		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.6		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.9		1.50	5.00	ug/L
78-93-3	2-Butanone	97.6		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.1		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.6		0.22	1.00	ug/L
67-66-3	Chloroform	19.6		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.5		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.4		0.16	1.00	ug/L
71-43-2	Benzene	19.5		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	99.1		0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0506WBS01	SDG No.:	Q1945
Lab Sample ID:	VX0506WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046053.D	1		05/06/25 11:02	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	19.5		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.8		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.3		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.5		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.9		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.4		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.6		0.24	2.00	ug/L
95-47-6	o-Xylene	20.1		0.12	1.00	ug/L
100-42-5	Styrene	19.8		0.15	1.00	ug/L
75-25-2	Bromoform	18.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.6		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.9		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.3		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.5		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.2		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.4		70 (74) - 130 (125)	91%	SPK: 50
1868-53-7	Dibromofluoromethane	45.2		70 (75) - 130 (124)	90%	SPK: 50
2037-26-5	Toluene-d8	45.6		70 (86) - 130 (113)	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.7		70 (77) - 130 (121)	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	94800	5.544			
540-36-3	1,4-Difluorobenzene	165000	6.757			
3114-55-4	Chlorobenzene-d5	143000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	67500	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0506WBS01	SDG No.:	Q1945
Lab Sample ID:	VX0506WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046053.D	1		05/06/25 11:02	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0506WBSD01	SDG No.:	Q1945
Lab Sample ID:	VX0506WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046054.D	1		05/06/25 11:29	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.8		0.22	1.00	ug/L
74-87-3	Chloromethane	18.6		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.6		0.26	1.00	ug/L
74-83-9	Bromomethane	18.9		1.40	5.00	ug/L
75-00-3	Chloroethane	19.2		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.3		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.7		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	98.7		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.3		0.23	1.00	ug/L
67-64-1	Acetone	95.4		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.9		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.4		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.6		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.2		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.5		1.50	5.00	ug/L
78-93-3	2-Butanone	99.9		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.1		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.8		0.22	1.00	ug/L
67-66-3	Chloroform	19.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.9		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.7		0.16	1.00	ug/L
71-43-2	Benzene	19.5		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.2		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.0		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0506WBSD01	SDG No.:	Q1945
Lab Sample ID:	VX0506WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046054.D	1		05/06/25 11:29	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	19.8		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.8		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.9		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.4		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.0		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.2		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.1		0.24	2.00	ug/L
95-47-6	o-Xylene	19.6		0.12	1.00	ug/L
100-42-5	Styrene	20.0		0.15	1.00	ug/L
75-25-2	Bromoform	19.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.6		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.9		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.1		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.1		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.8		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.4		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.7		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.2		70 (74) - 130 (125)	92%	SPK: 50
1868-53-7	Dibromofluoromethane	47.3		70 (75) - 130 (124)	95%	SPK: 50
2037-26-5	Toluene-d8	46.6		70 (86) - 130 (113)	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.9		70 (77) - 130 (121)	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	95200	5.544			
540-36-3	1,4-Difluorobenzene	162000	6.757			
3114-55-4	Chlorobenzene-d5	143000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	67700	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0506WBSD01	SDG No.:	Q1945
Lab Sample ID:	VX0506WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046054.D	1		05/06/25 11:29	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG No.: Q1945

Instrument ID: MSVOA_X Calibration Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:35 16:27

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF020 = VX046041.D RRF050 = VX046042.D RRF100 = VX046043.D
RRF150 = VX046044.D RRF005 = VX046046.D RRF001 = VX046047.D

COMPOUND	RRF020	RRF050	RRF100	RRF150	RRF005	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.697	0.864	0.859	0.875	0.639	0.658	0.765	14.6
Chloromethane	0.727	0.775	0.787	0.791	0.679	0.694	0.742	6.6
Vinyl Chloride	0.660	0.710	0.727	0.755	0.619	0.673	0.691	7.2
Bromomethane	0.296	0.326	0.340	0.334	0.305		0.320	5.8
Chloroethane	0.354	0.378	0.329	0.317	0.368	0.467	0.369	14.4
Trichlorofluoromethane	1.035	1.068	0.983	0.985	0.990	1.064	1.021	3.9
1,1,2-Trichlorotrifluoroethane	0.628	0.641	0.629	0.648	0.610	0.633	0.632	2.1
Tert butyl alcohol	0.122	0.129	0.144	0.146	0.114		0.131	10.4
1,1-Dichloroethene	0.565	0.601	0.607	0.625	0.567	0.594	0.593	3.9
Acetone	0.361	0.362	0.361	0.370	0.408	0.380	0.374	4.9
Carbon Disulfide	1.295	1.455	1.522	1.597	1.141	1.423	1.406	11.7
Methyl tert-butyl Ether	2.044	2.160	2.172	2.239	1.908	1.949	2.079	6.4
Methyl Acetate	0.814	0.848	0.845	0.875	0.816	1.006	0.867	8.3
Methylene Chloride	0.689	0.684	0.691	0.691	0.689	0.853	0.716	9.4
trans-1,2-Dichloroethene	0.573	0.610	0.612	0.622	0.557	0.604	0.596	4.3
1,1-Dichloroethane	1.233	1.263	1.263	1.286	1.154	1.116	1.219	5.6
Cyclohexane	1.090	1.128	1.128	1.150	1.059		1.111	3.3
2-Butanone	0.540	0.555	0.558	0.569	0.539	0.495	0.543	4.8
Carbon Tetrachloride	0.528	0.558	0.552	0.577	0.505	0.541	0.544	4.6
cis-1,2-Dichloroethene	0.716	0.737	0.738	0.755	0.642	0.719	0.718	5.5
Bromochloromethane	0.628	0.578	0.595	0.590	0.553	0.576	0.587	4.3
Chloroform	1.287	1.296	1.277	1.300	1.199	1.265	1.271	3
1,1,1-Trichloroethane	1.106	1.131	1.155	1.188	1.013	1.015	1.101	6.6
Methylcyclohexane	0.596	0.641	0.627	0.658	0.587	0.627	0.623	4.3
Benzene	1.426	1.474	1.441	1.477	1.337	1.348	1.417	4.3
1,2-Dichloroethane	0.632	0.627	0.611	0.625	0.594	0.579	0.612	3.5
Trichloroethene	0.344	0.355	0.345	0.362	0.315	0.324	0.341	5.3
1,2-Dichloropropane	0.356	0.371	0.368	0.378	0.324	0.317	0.352	7.4
Bromodichloromethane	0.557	0.577	0.573	0.594	0.498	0.485	0.547	8.2
4-Methyl-2-Pentanone	0.620	0.634	0.630	0.631	0.555	0.561	0.605	6

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG No.: Q1945

Instrument ID: MSVOA_X Calibration Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:35 16:27

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF020 = VX046041.D RRF050 = VX046042.D RRF100 = VX046043.D
RRF150 = VX046044.D RRF005 = VX046046.D RRF001 = VX046047.D

COMPOUND	RRF020	RRF050	RRF100	RRF150	RRF005	RRF001	$\overline{RRF}$	% RSD
Toluene	0.884	0.898	0.885	0.904	0.838	0.803	0.869	4.5
t-1,3-Dichloropropene	0.468	0.528	0.555	0.591	0.406	0.371	0.487	17.9
cis-1,3-Dichloropropene	0.531	0.578	0.602	0.623	0.469	0.423	0.538	14.6
1,1,2-Trichloroethane	0.349	0.354	0.351	0.356	0.337	0.308	0.343	5.3
2-Hexanone	0.466	0.473	0.477	0.473	0.414	0.385	0.448	8.7
Dibromochloromethane	0.378	0.400	0.415	0.431	0.326	0.306	0.376	13.3
1,2-Dibromoethane	0.359	0.373	0.368	0.381	0.333	0.322	0.356	6.5
Tetrachloroethene	0.390	0.375	0.345	0.344	0.323	0.347	0.354	6.8
Chlorobenzene	1.093	1.098	1.085	1.114	1.046	1.131	1.094	2.7
Ethyl Benzene	1.919	2.022	1.979	2.036	1.816	1.803	1.929	5.2
m/p-Xylenes	0.706	0.740	0.721	0.740	0.678	0.648	0.706	5.2
o-Xylene	0.688	0.727	0.706	0.726	0.639	0.642	0.688	5.7
Styrene	1.135	1.219	1.214	1.230	1.012	0.951	1.127	10.6
Bromoform	0.270	0.304	0.312	0.327	0.236	0.234	0.281	14.2
Isopropylbenzene	3.843	4.130	3.876	4.156	3.562	3.789	3.893	5.7
1,1,2,2-Tetrachloroethane	1.315	1.338	1.284	1.345	1.350	1.552	1.364	7
1,3-Dichlorobenzene	1.633	1.701	1.656	1.730	1.558	1.619	1.649	3.7
1,4-Dichlorobenzene	1.629	1.693	1.639	1.722	1.606	1.817	1.684	4.6
1,2-Dichlorobenzene	1.613	1.696	1.634	1.702	1.577	1.710	1.655	3.3
1,2-Dibromo-3-Chloropropane	0.299	0.322	0.329	0.356	0.248	0.259	0.302	13.9
1,2,4-Trichlorobenzene	0.861	0.981	1.035	1.123	0.842	0.862	0.951	12
1,2,3-Trichlorobenzene	0.921	1.019	1.051	1.107	0.846	0.941	0.981	9.7
1,2-Dichloroethane-d4	0.953	0.910	0.930	0.932	0.935		0.932	1.6
Dibromofluoromethane	0.359	0.355	0.364	0.368	0.354		0.360	1.7
Toluene-d8	1.246	1.223	1.266	1.275	1.221		1.246	2
4-Bromofluorobenzene	0.455	0.470	0.500	0.500	0.464		0.478	4.4

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG No.: Q1945

Instrument ID: MSVOA_X Calibration Date/Time: 05/06/2025 09:48

Lab File ID: VX046050.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.765	0.859		12.29	20
Chloromethane	0.742	0.774	0.1	4.31	20
Vinyl Chloride	0.691	0.694		0.43	20
Bromomethane	0.320	0.325		1.56	20
Chloroethane	0.369	0.367		-0.54	20
Trichlorofluoromethane	1.021	1.063		4.11	20
1,1,2-Trichlorotrifluoroethane	0.632	0.632		0	20
Tert butyl alcohol	0.131	0.124		-5.34	20
1,1-Dichloroethene	0.593	0.583		-1.69	20
Acetone	0.374	0.399		6.68	20
Carbon Disulfide	1.406	1.452		3.27	20
Methyl tert-butyl Ether	2.079	2.056		-1.11	20
Methyl Acetate	0.867	0.818		-5.65	20
Methylene Chloride	0.716	0.666		-6.98	20
trans-1,2-Dichloroethene	0.596	0.589		-1.17	20
1,1-Dichloroethane	1.219	1.186	0.1	-2.71	20
Cyclohexane	1.111	1.091		-1.8	20
2-Butanone	0.543	0.539		-0.74	20
Carbon Tetrachloride	0.544	0.559		2.76	20
cis-1,2-Dichloroethene	0.718	0.702		-2.23	20
Bromochloromethane	0.587	0.588		0.17	20
Chloroform	1.271	1.237		-2.67	20
1,1,1-Trichloroethane	1.101	1.109		0.73	20
Methylcyclohexane	0.623	0.642		3.05	20
Benzene	1.417	1.437		1.41	20
1,2-Dichloroethane	0.612	0.606		-0.98	20
Trichloroethene	0.341	0.345		1.17	20
1,2-Dichloropropane	0.352	0.364		3.41	20
Bromodichloromethane	0.547	0.569		4.02	20
4-Methyl-2-Pentanone	0.605	0.611		0.99	20
Toluene	0.869	0.871		0.23	20
t-1,3-Dichloropropene	0.487	0.522		7.19	20
cis-1,3-Dichloropropene	0.538	0.577		7.25	20
1,1,2-Trichloroethane	0.343	0.341		-0.58	20
2-Hexanone	0.448	0.456		1.79	20
Dibromochloromethane	0.376	0.401		6.65	20
1,2-Dibromoethane	0.356	0.358		0.56	20
Tetrachloroethene	0.354	0.347		-1.98	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG No.: Q1945

Instrument ID: MSVOA_X Calibration Date/Time: 05/06/2025 09:48

Lab File ID: VX046050.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.094	1.081	0.3	-1.19	20
Ethyl Benzene	1.929	1.984		2.85	20
m/p-Xylenes	0.706	0.723		2.41	20
o-Xylene	0.688	0.699		1.6	20
Styrene	1.127	1.202		6.66	20
Bromoform	0.281	0.298	0.1	6.05	20
Isopropylbenzene	3.893	4.004		2.85	20
1,1,2,2-Tetrachloroethane	1.364	1.284	0.3	-5.86	20
1,3-Dichlorobenzene	1.649	1.684		2.12	20
1,4-Dichlorobenzene	1.684	1.660		-1.42	20
1,2-Dichlorobenzene	1.655	1.664		0.54	20
1,2-Dibromo-3-Chloropropane	0.302	0.304		0.66	20
1,2,4-Trichlorobenzene	0.951	0.988		3.89	20
1,2,3-Trichlorobenzene	0.981	0.982		0.1	20
1,2-Dichloroethane-d4	0.932	0.875		-6.12	20
Dibromofluoromethane	0.360	0.358		-0.56	20
Toluene-d8	1.246	1.235		-0.88	20
4-Bromofluorobenzene	0.478	0.474		-0.84	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046055.D
Acq On : 06 May 2025 11:52
Operator : JC/MD
Sample : Q1945-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Quant Time: May 07 01:45:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

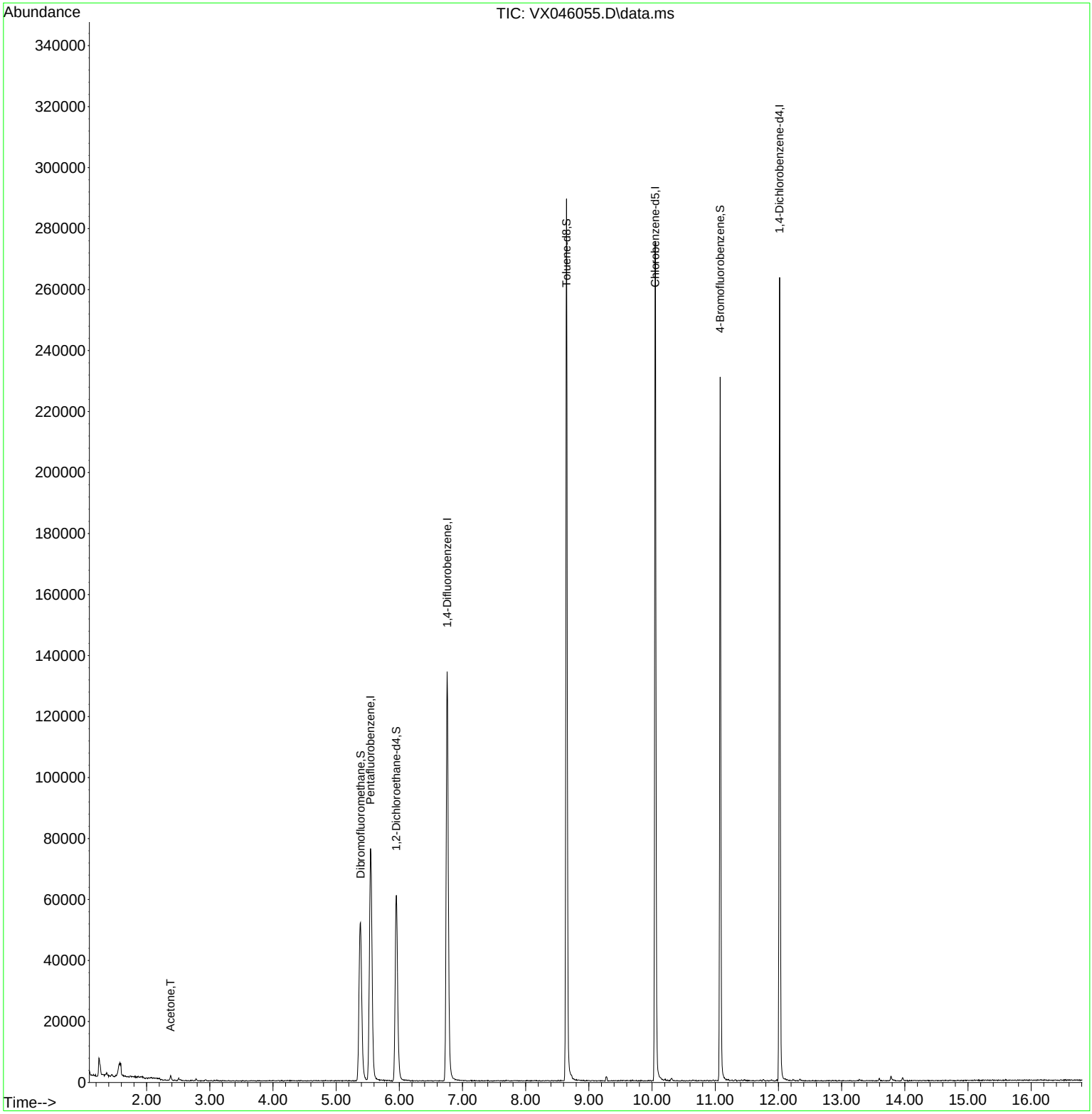
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	65315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63334	52.012	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.020%			
35) Dibromofluoromethane	5.385	113	45739	50.103	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.200%			
50) Toluene-d8	8.647	98	159965	50.627	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.260%			
62) 4-Bromofluorobenzene	11.079	95	59254	48.889	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.780%			
Target Compounds						Qvalue
16) Acetone	2.379	43	1370	2.806	ug/l #	83

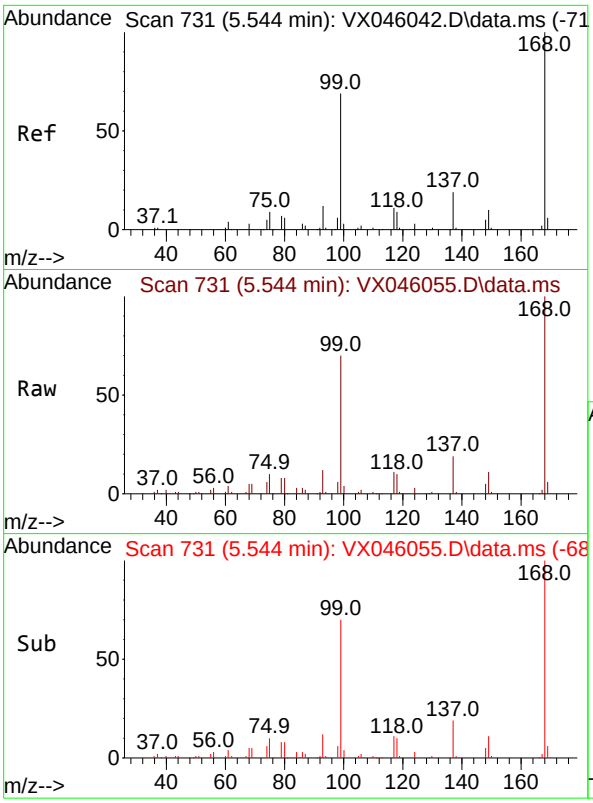
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046055.D
Acq On : 06 May 2025 11:52
Operator : JC/MD
Sample : Q1945-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Quant Time: May 07 01:45:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



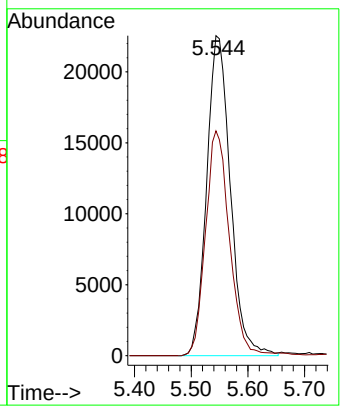


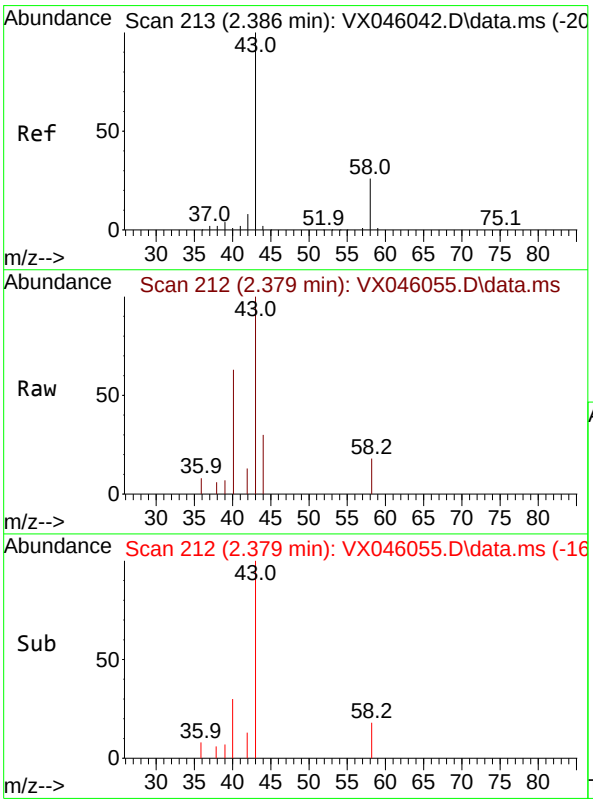
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Tgt Ion:168 Resp: 65315

Ion	Ratio	Lower	Upper
168	100		
99	70.3	54.9	82.3

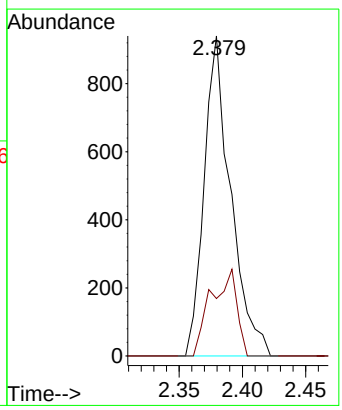


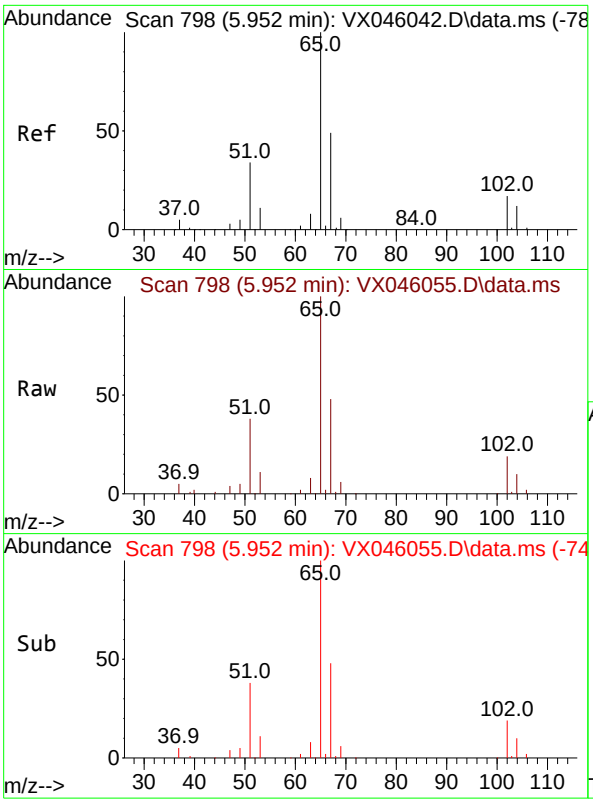


#16
Acetone
Concen: 2.806 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Tgt Ion: 43 Resp: 1370

Ion	Ratio	Lower	Upper
43	100		
58	18.0	21.2	31.8#



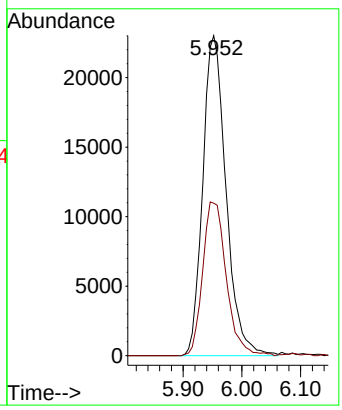


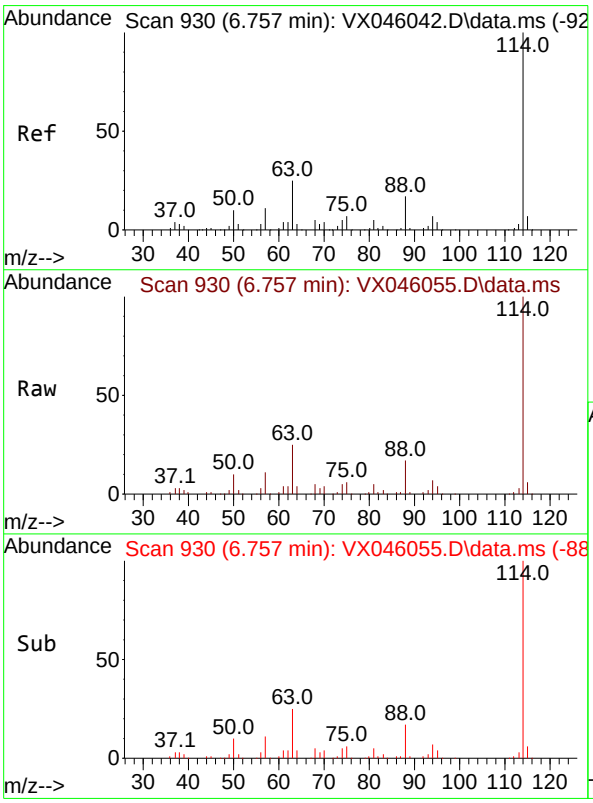
#33
1,2-Dichloroethane-d4
Concen: 52.012 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Tgt Ion: 65 Resp: 63334

Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	99.0

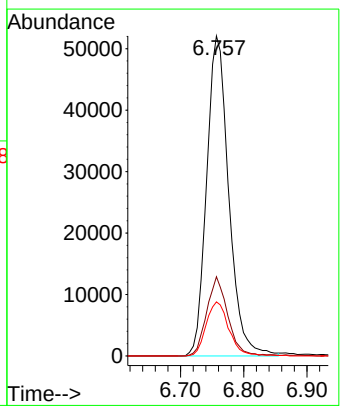


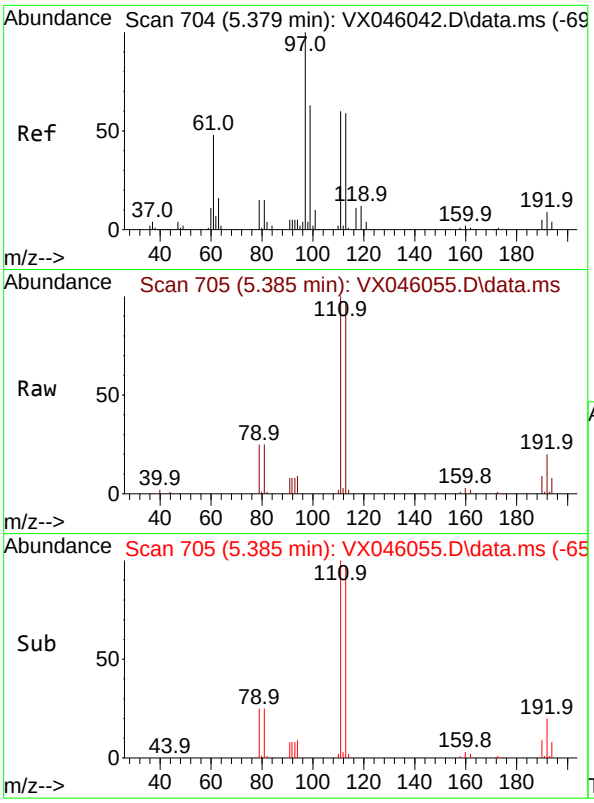


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Tgt Ion:114 Resp: 126773

Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	49.2
88	16.9	0.0	33.6



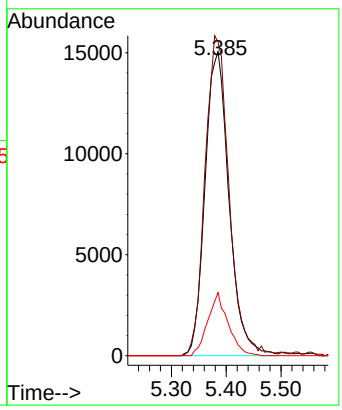


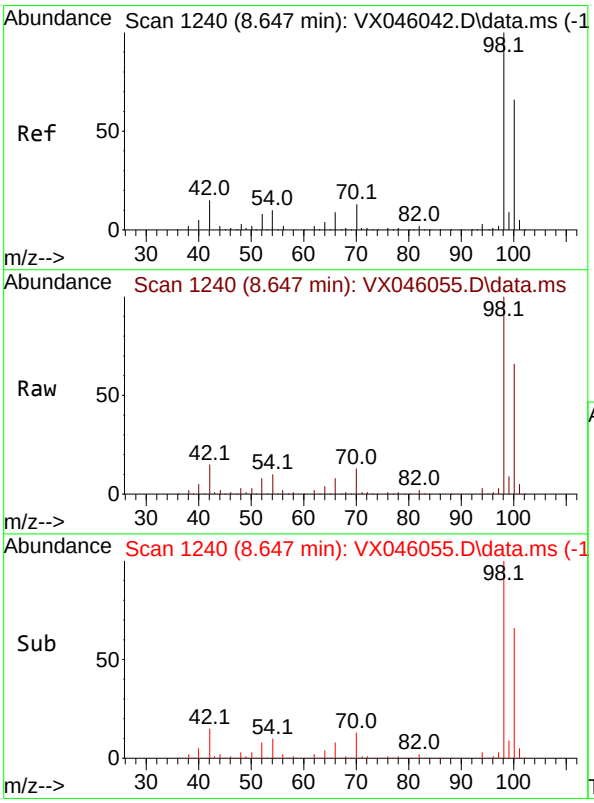
#35
Dibromofluoromethane
Concen: 50.103 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Tgt Ion:113 Resp: 45739

Ion	Ratio	Lower	Upper
113	100		
111	105.2	83.1	124.7
192	17.6	13.3	19.9

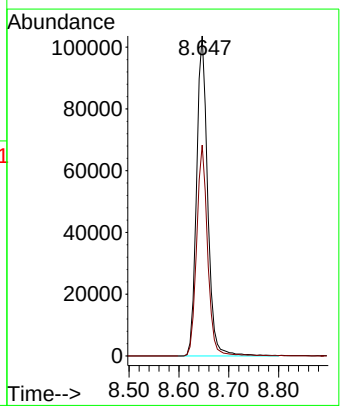


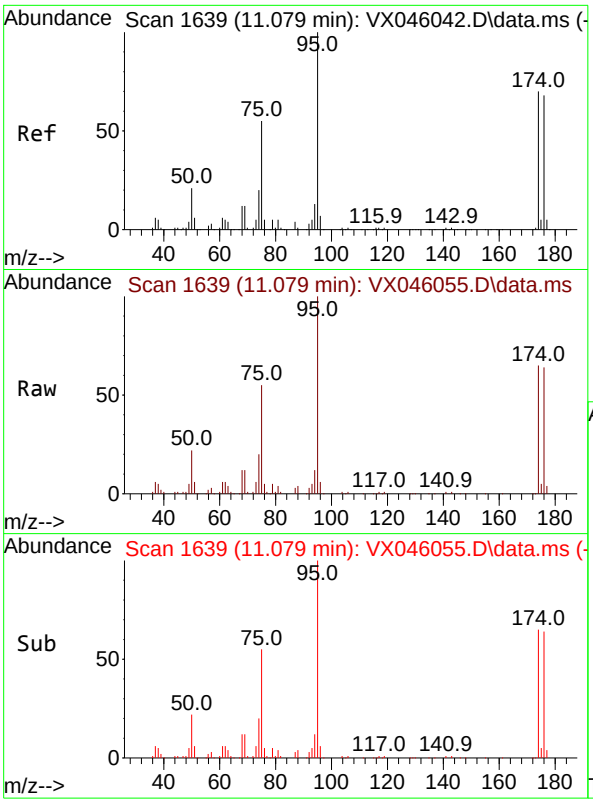


#50
Toluene-d8
Concen: 50.627 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Tgt Ion: 98 Resp: 159965

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.5	80.3



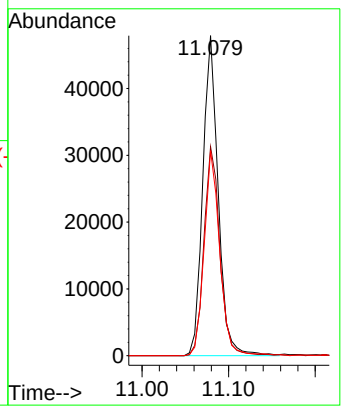


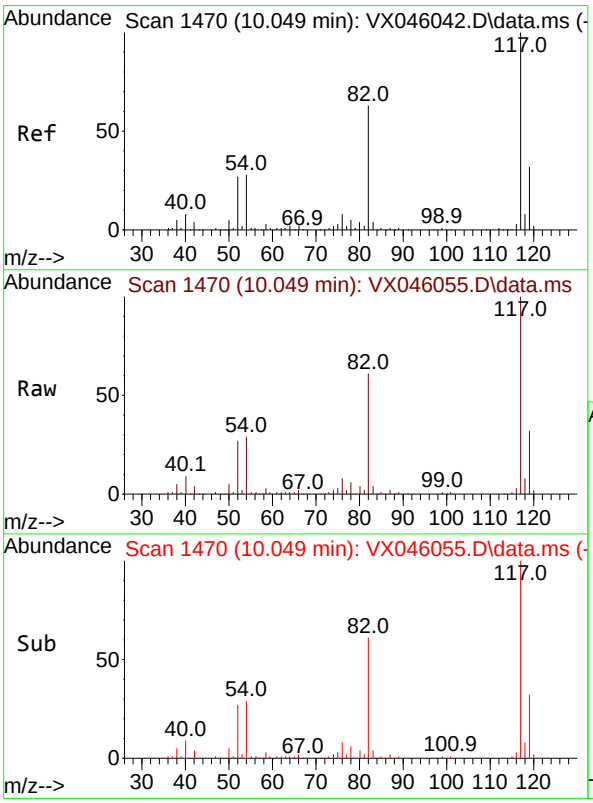
#62
4-Bromofluorobenzene
Concen: 48.889 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Tgt Ion: 95 Resp: 59254

Ion	Ratio	Lower	Upper
95	100		
174	67.7	0.0	135.8
176	64.8	0.0	131.4

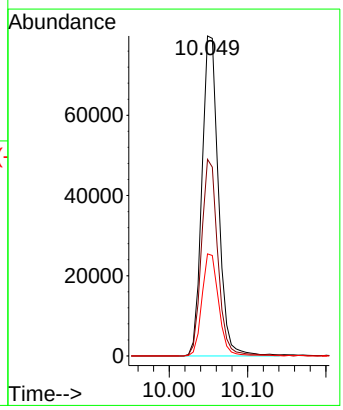


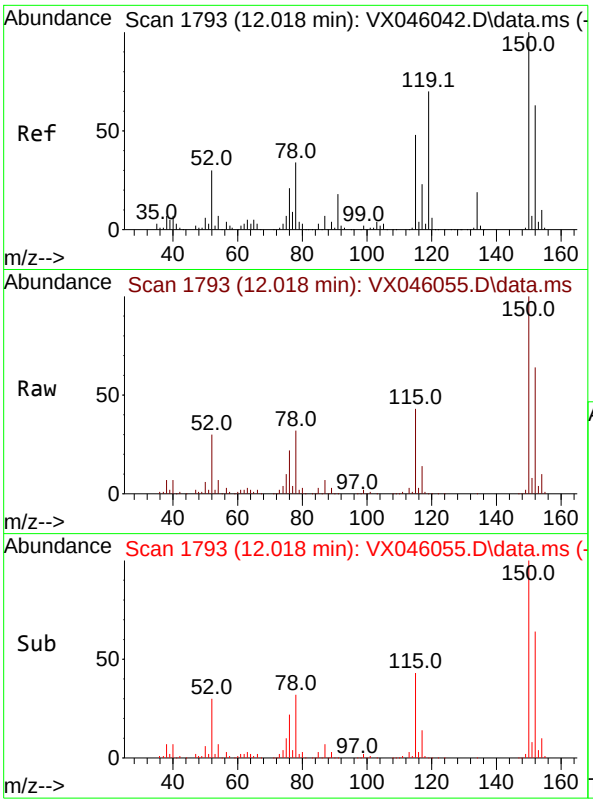


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Tgt Ion:117 Resp: 116564

Ion	Ratio	Lower	Upper
117	100		
82	61.4	50.6	76.0
119	31.9	25.8	38.6



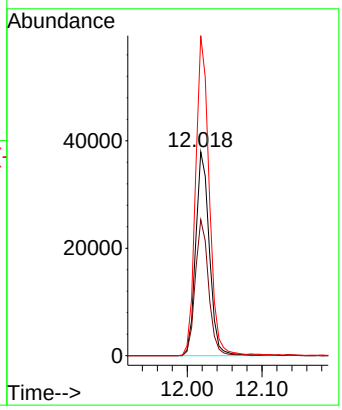


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Tgt Ion:152 Resp: 48139

Ion	Ratio	Lower	Upper
152	100		
115	65.3	46.9	140.7
150	156.0	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046055.D
Acq On : 06 May 2025 11:52
Operator : JC/MD
Sample : Q1945-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046055.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.246	22	26	33	rBV2	5913	10964	2.46%	0.466%
2	1.575	71	80	81	rBV2	4288	8805	1.97%	0.375%
3	5.385	693	705	720	rBV	52000	158404	35.52%	6.739%
4	5.544	722	731	746	rVV	75812	215855	48.40%	9.183%
5	5.952	788	798	816	rBV	61032	166904	37.42%	7.100%
6	6.757	922	930	951	rBV	134096	322621	72.34%	13.725%
7	8.647	1234	1240	1252	rBV	289150	445992	100.00%	18.973%
8	10.049	1465	1470	1488	rBV	274910	400657	89.84%	17.044%
9	11.079	1634	1639	1654	rBV	230687	291009	65.25%	12.380%
10	12.018	1788	1793	1805	rBV	263509	329469	73.87%	14.016%

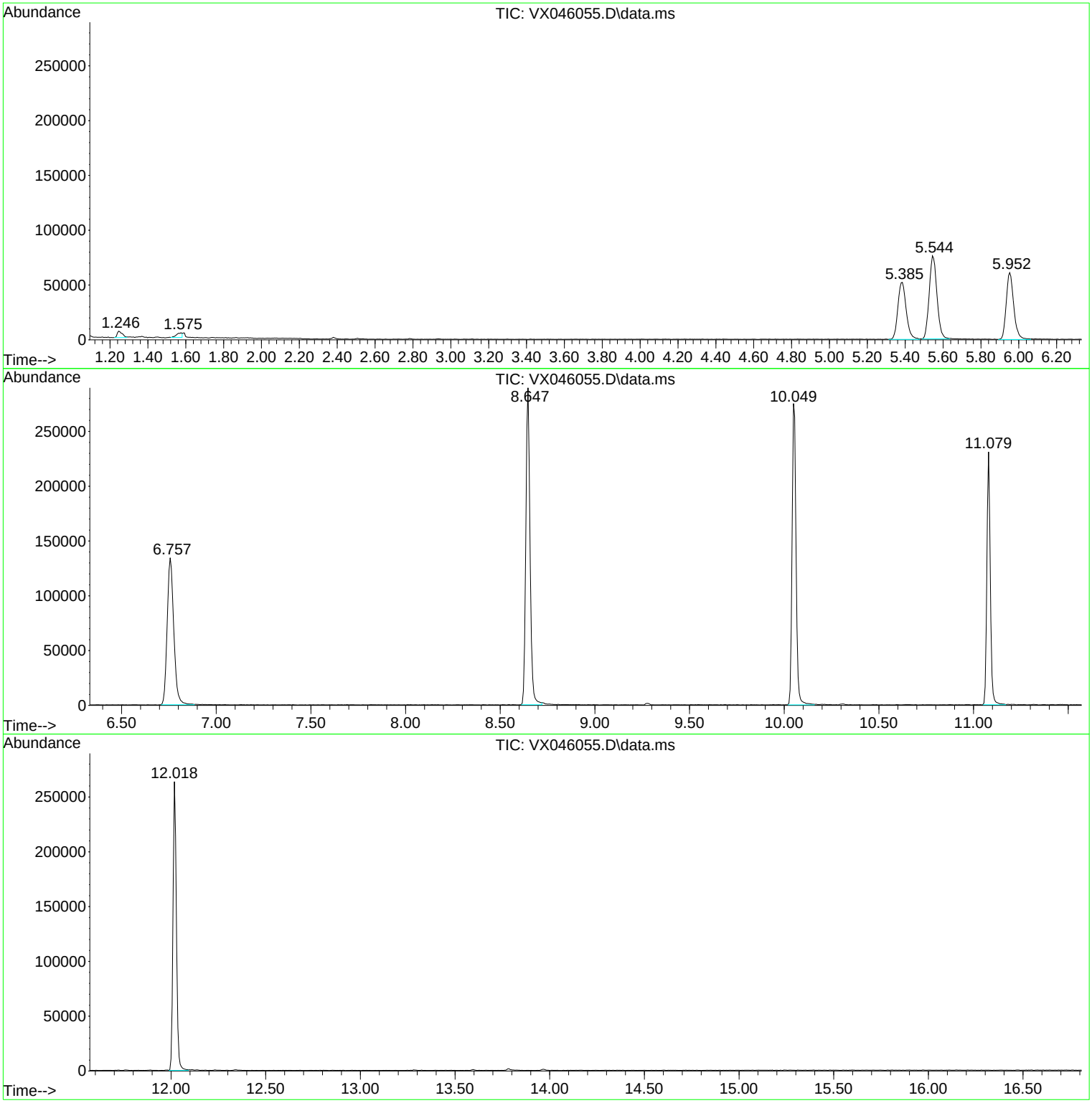
Sum of corrected areas: 2350680

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046055.D
Acq On : 06 May 2025 11:52
Operator : JC/MD
Sample : Q1945-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046055.D
Acq On : 06 May 2025 11:52
Operator : JC/MD
Sample : Q1945-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046055.D
Acq On : 06 May 2025 11:52
Operator : JC/MD
Sample : Q1945-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Quant Time: May 07 01:45:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

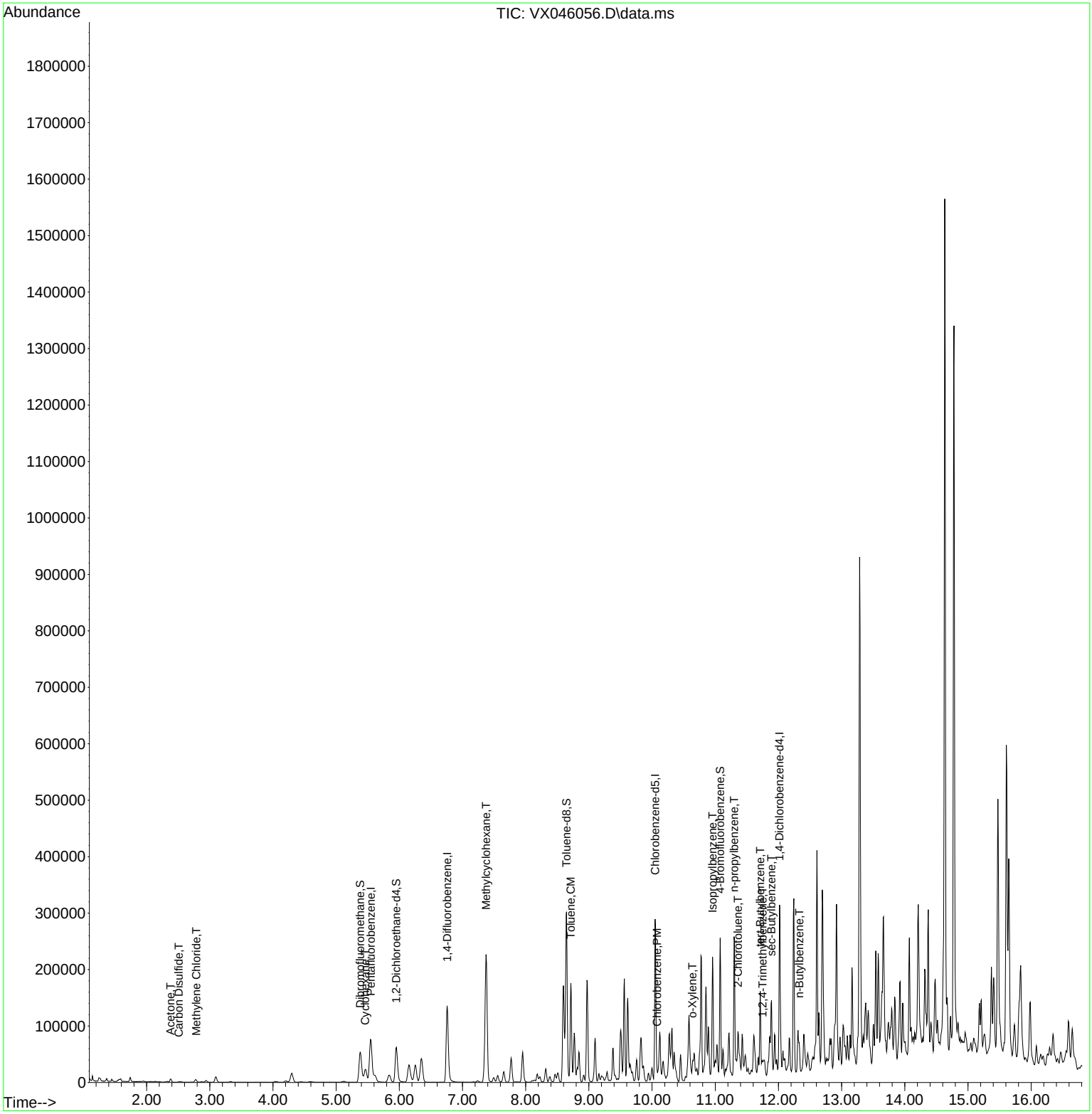
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.550	168	65682	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	129171	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	117957	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54778	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.952	65	63984	52.252	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.500%				
35) Dibromofluoromethane	5.379	113	46789	50.302	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.600%				
50) Toluene-d8	8.647	98	164713	51.162	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.320%				
62) 4-Bromofluorobenzene	11.079	95	63406	51.344	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.680%				
Target Compounds							Qvalue
16) Acetone	2.380	43	6573	13.388	ug/l		97
17) Carbon Disulfide	2.508	76	950	0.515	ug/l		99
20) Methylene Chloride	2.788	84	397	0.422	ug/l	#	75
31) Cyclohexane	5.458	56	14312	9.807	ug/l		93
39) Methylcyclohexane	7.373	83	91344	56.771	ug/l		95
52) Toluene	8.714	92	62889	28.017	ug/l		97
65) Chlorobenzene	10.080	112	2654	1.028	ug/l		97
69) o-Xylene	10.640	106	3691	2.275	ug/l		93
73) Isopropylbenzene	10.957	105	99366	23.300	ug/l		100
78) n-propylbenzene	11.299	91	148647	29.977	ug/l		100
79) 2-Chlorotoluene	11.360	91	31633	9.890	ug/l		96
83) tert-Butylbenzene	11.713	119	14133	3.938	ug/l		90
84) 1,2,4-Trimethylbenzene	11.750	105	1888	0.523	ug/l		92
85) sec-Butylbenzene	11.890	105	48543	11.017	ug/l	#	77
89) n-Butylbenzene	12.329	91	17031	5.338	ug/l		92

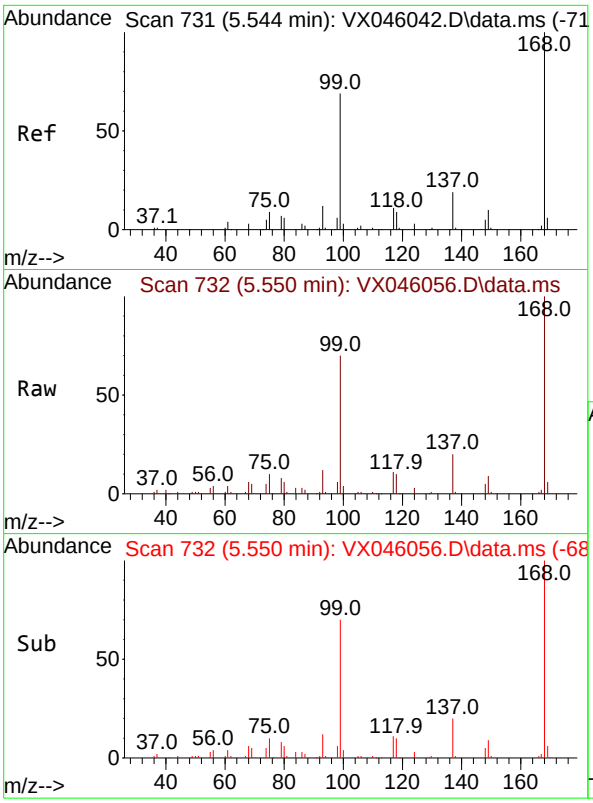
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Quant Time: May 07 01:45:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



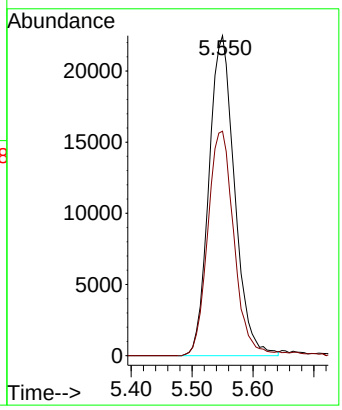


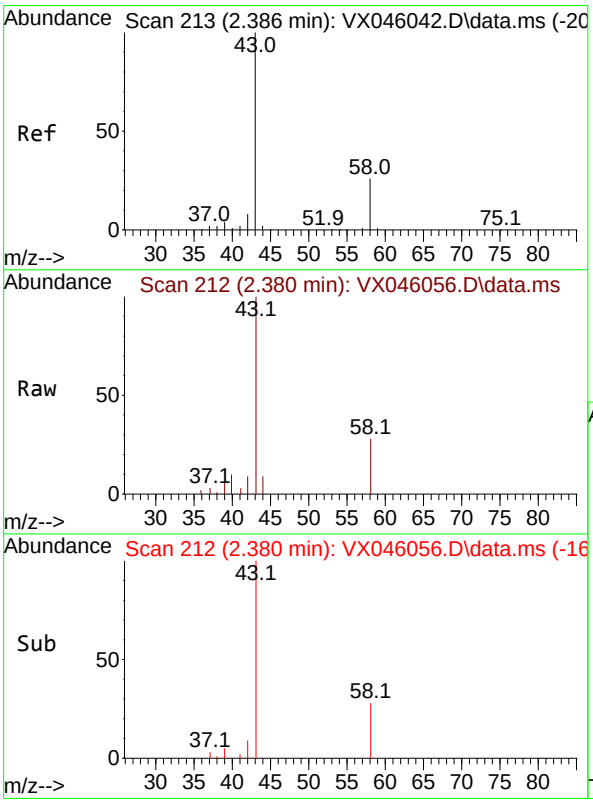
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion:168 Resp: 65682

Ion	Ratio	Lower	Upper
168	100		
99	70.2	54.9	82.3

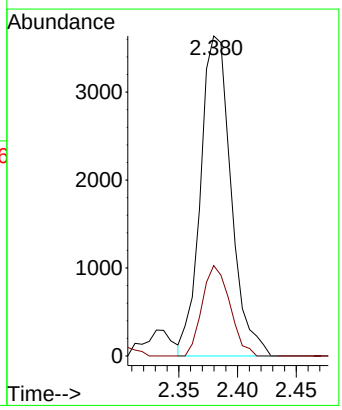




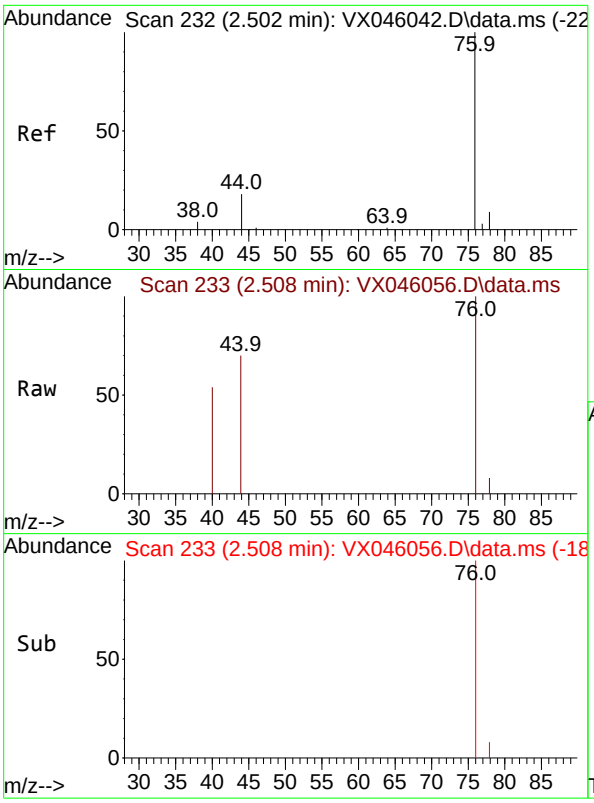
#16
Acetone
Concen: 13.388 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion: 43 Resp: 6573

Ion	Ratio	Lower	Upper
43	100		
58	28.3	21.2	31.8



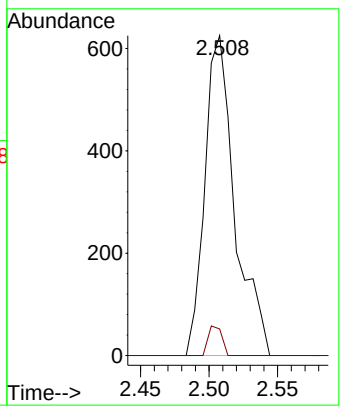
Instrument :
MSVOA_X
ClientSampleId :
GB3W

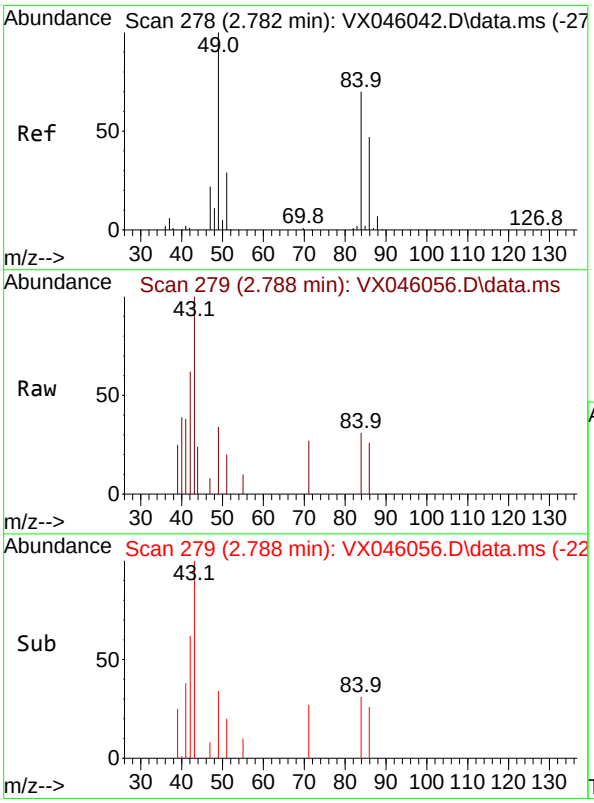


#17
Carbon Disulfide
Concen: 0.515 ug/l
RT: 2.508 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion: 76 Resp: 950

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.0	10.4

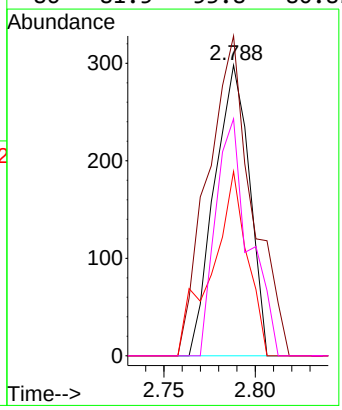


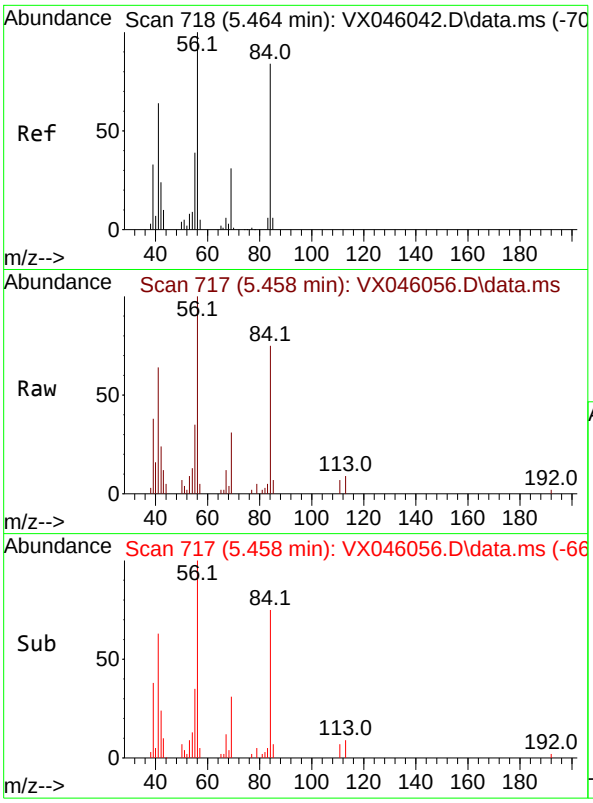


#20
Methylene Chloride
Concen: 0.422 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion: 84 Resp: 397

Ion	Ratio	Lower	Upper
84	100		
49	110.1	113.9	170.9#
51	63.4	33.5	50.3#
86	81.5	53.8	80.8#



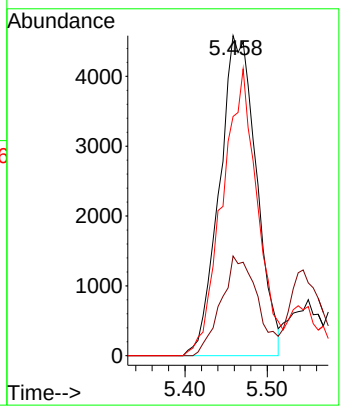


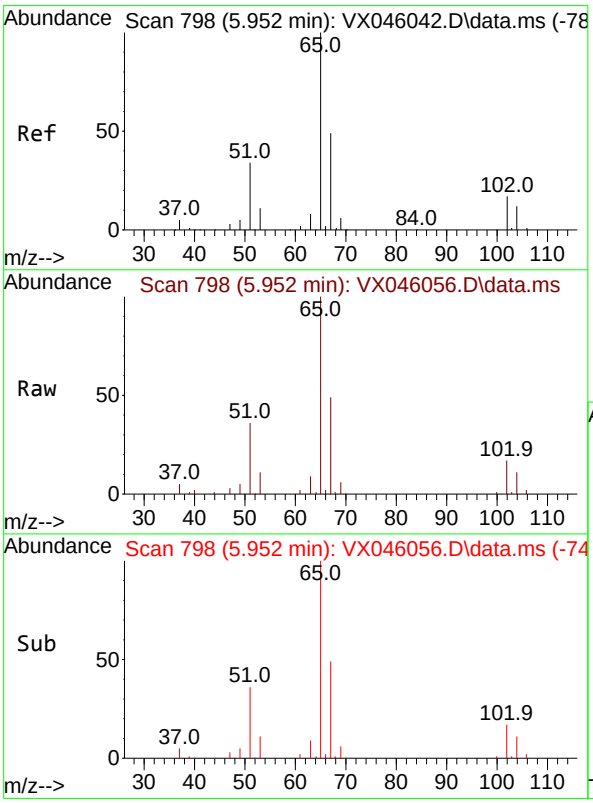
#31
Cyclohexane
Concen: 9.807 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion: 56 Resp: 14312

Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.4	36.6
84	74.8	66.9	100.3

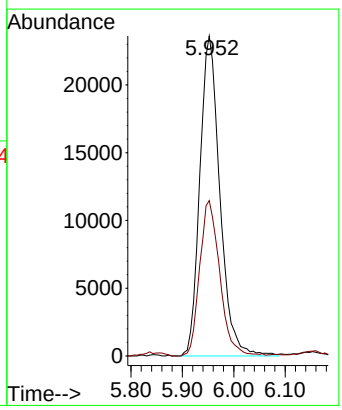


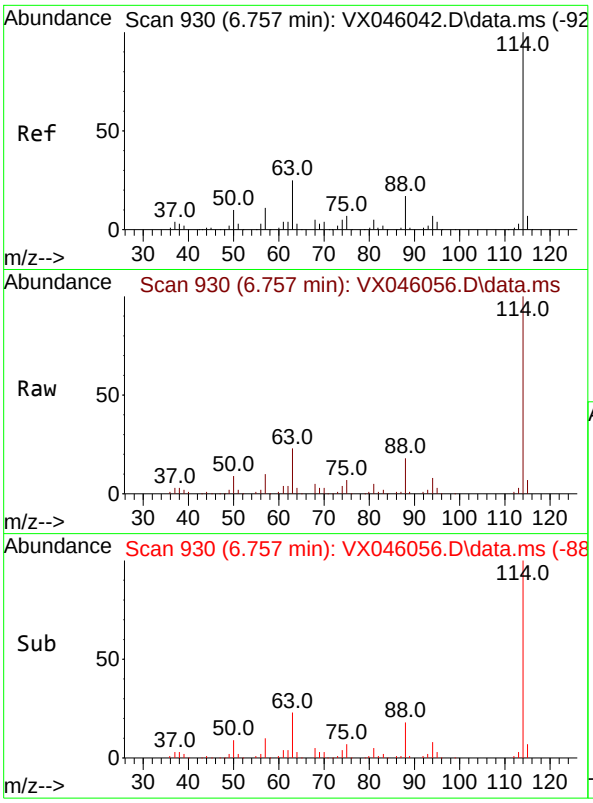


#33
1,2-Dichloroethane-d4
Concen: 52.252 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion: 65 Resp: 63984

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	99.0



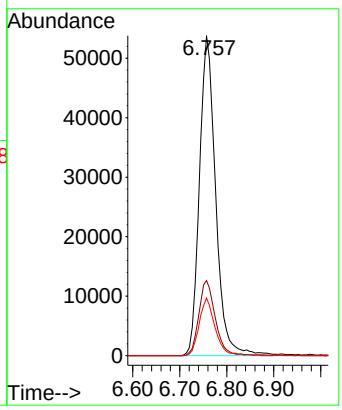


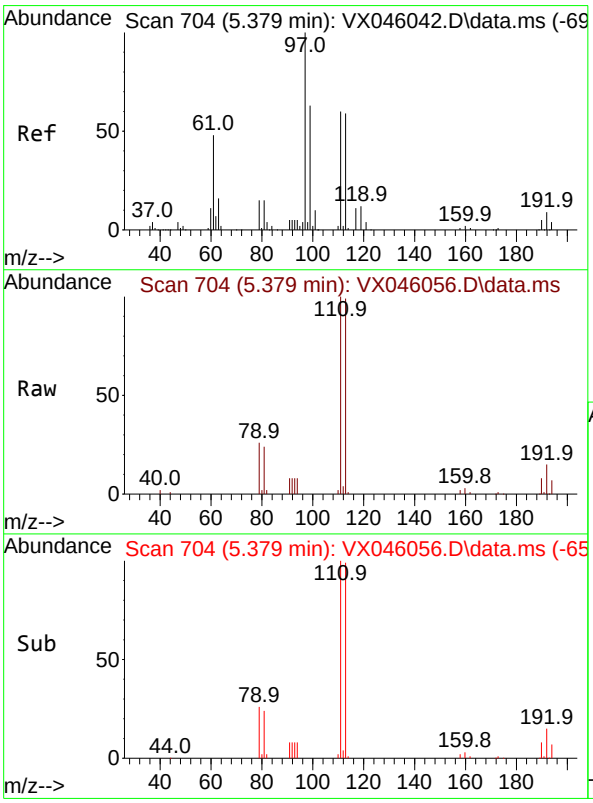
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion:114 Resp: 129171

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	49.2
88	18.0	0.0	33.6

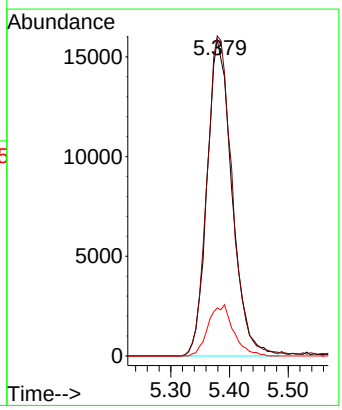


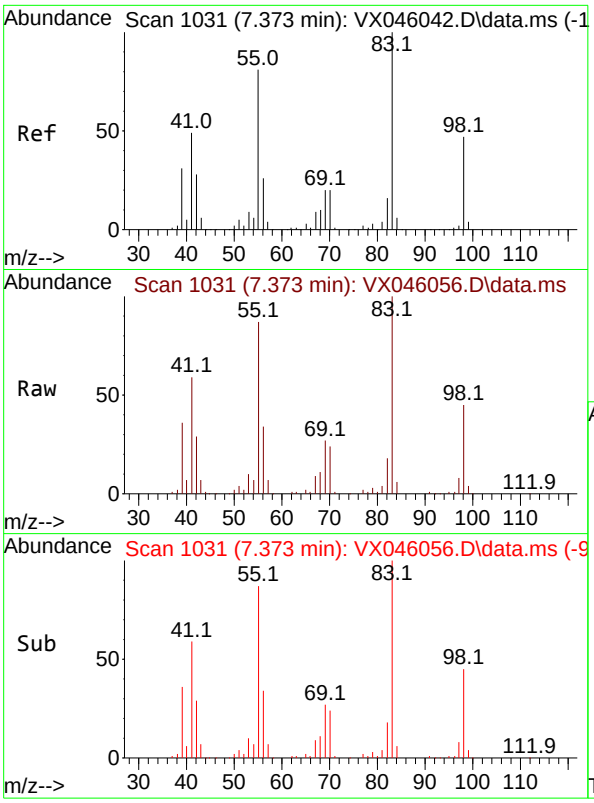


#35
Dibromofluoromethane
Concen: 50.302 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion:113 Resp: 46789

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.1	124.7
192	16.4	13.3	19.9



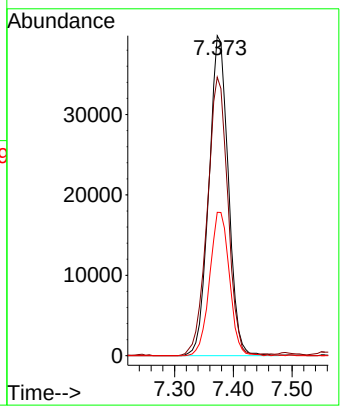


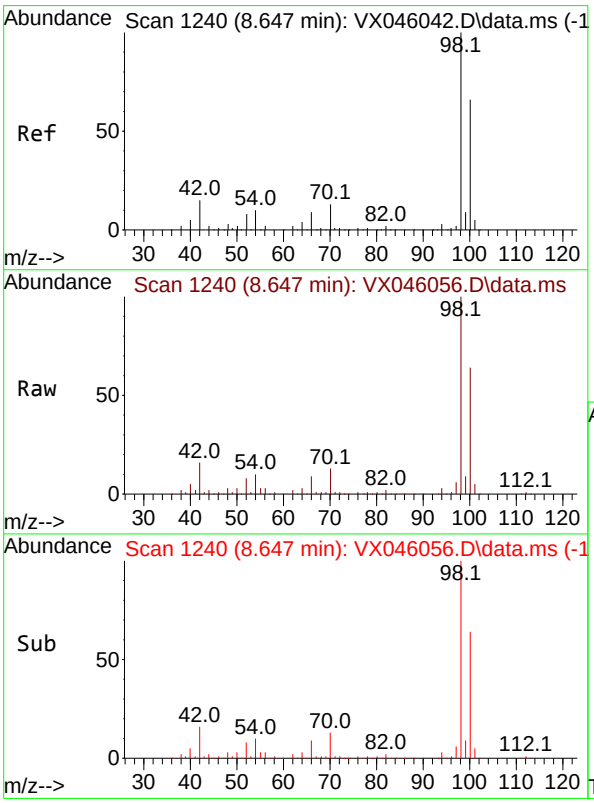
#39
Methylcyclohexane
Concen: 56.771 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion: 83 Resp: 91344

Ion	Ratio	Lower	Upper
83	100		
55	87.1	64.7	97.1
98	44.8	37.4	56.2

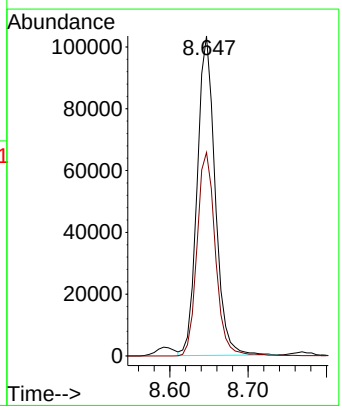


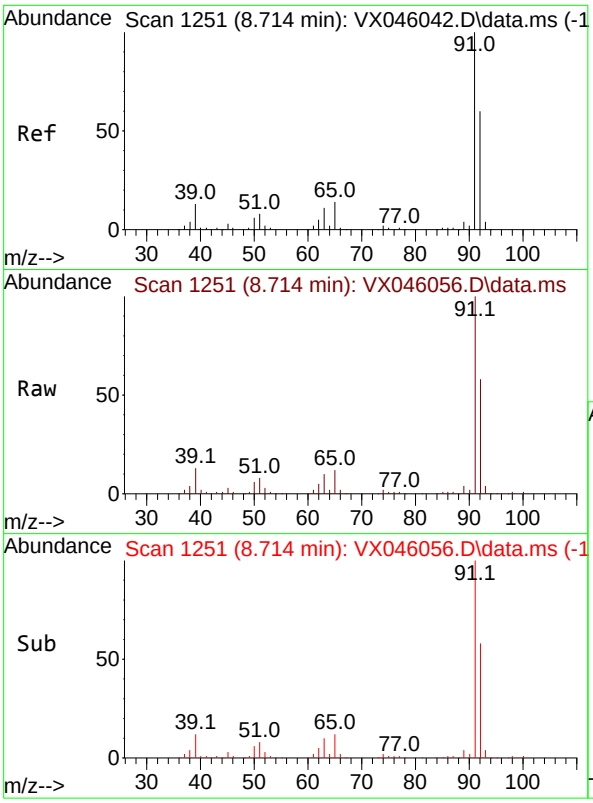


#50
Toluene-d8
Concen: 51.162 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion: 98 Resp: 164713

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.5	80.3



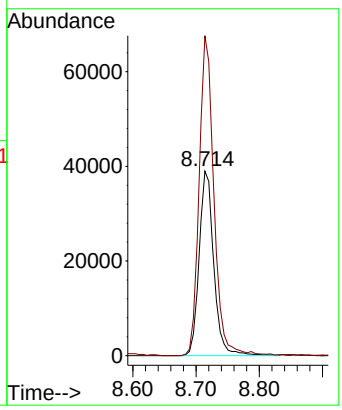


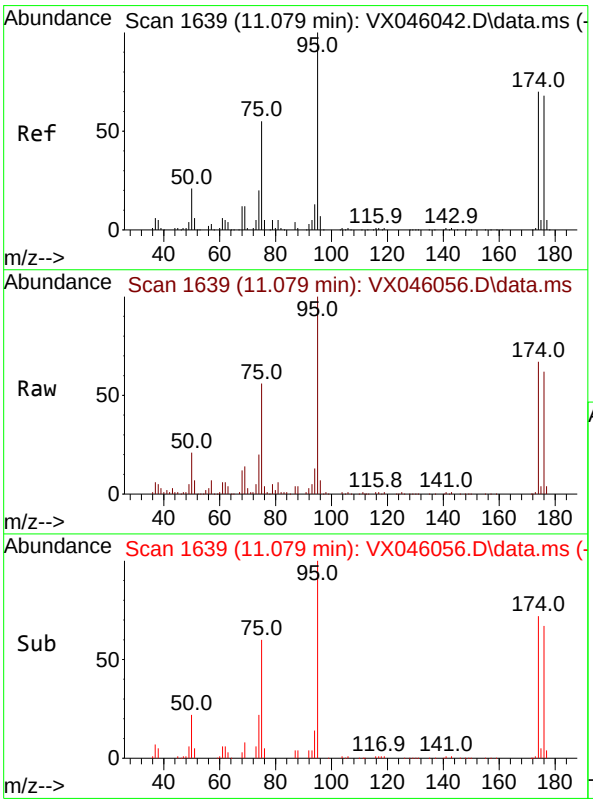
#52
Toluene
Concen: 28.017 ug/l
RT: 8.714 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion: 92 Resp: 62889

Ion	Ratio	Lower	Upper
92	100		
91	175.4	136.6	205.0

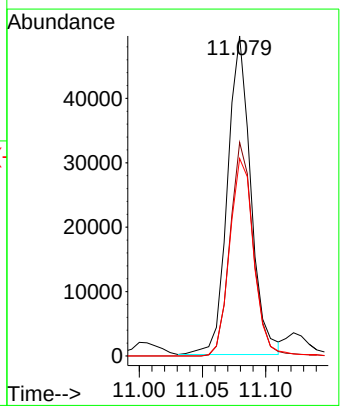


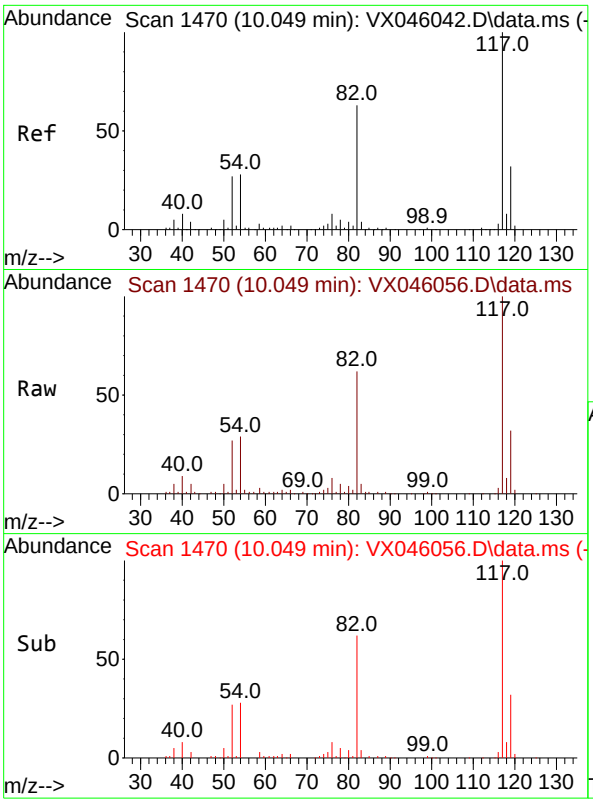


#62
4-Bromofluorobenzene
Concen: 51.344 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion: 95 Resp: 63406

Ion	Ratio	Lower	Upper
95	100		
174	66.8	0.0	135.8
176	64.6	0.0	131.4



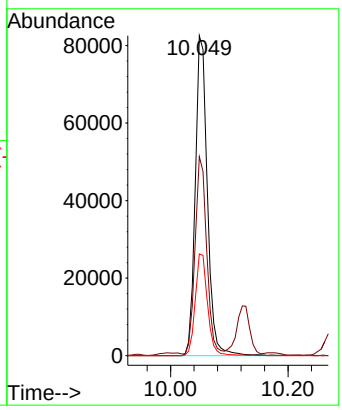


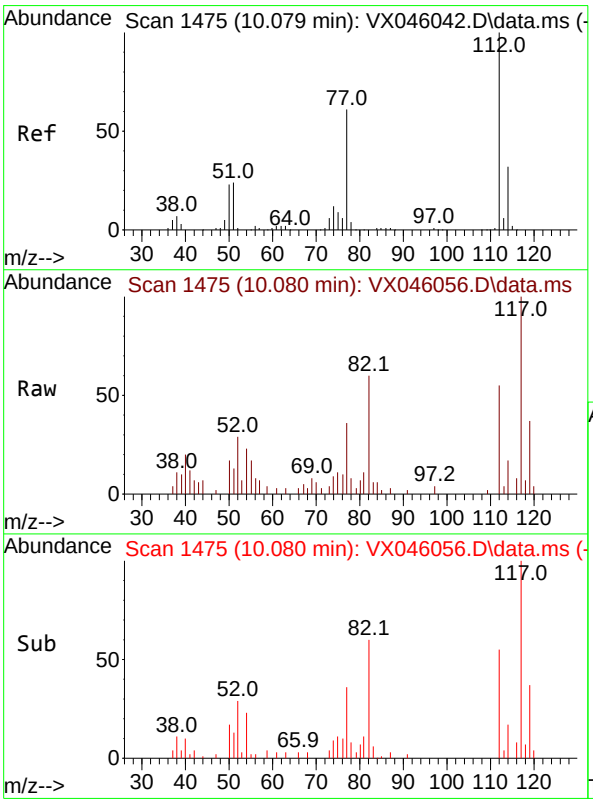
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion:117 Resp: 117957

Ion	Ratio	Lower	Upper
117	100		
82	61.5	50.6	76.0
119	31.8	25.8	38.6

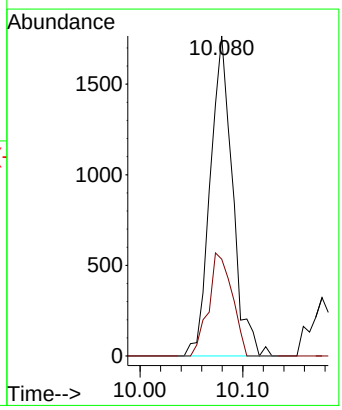


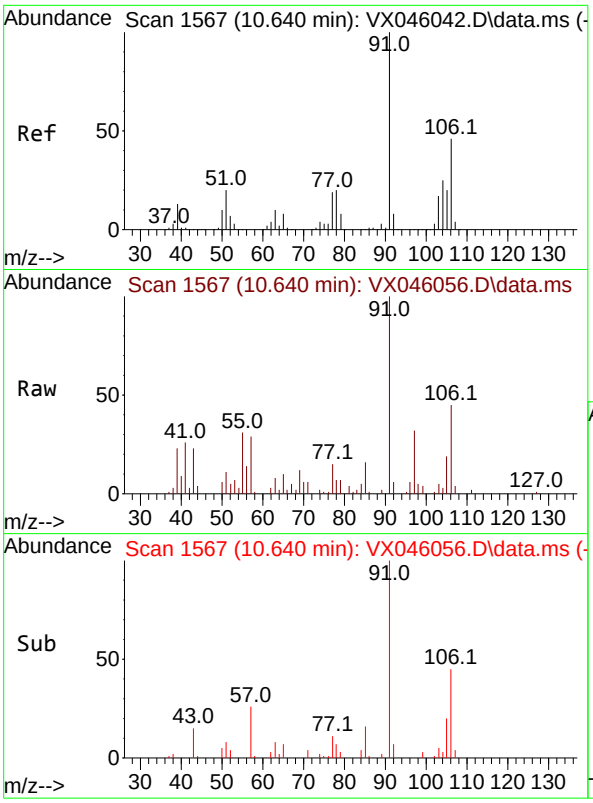


#65
Chlorobenzene
Concen: 1.028 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion:112 Resp: 2654

Ion	Ratio	Lower	Upper
112	100		
114	30.2	25.4	38.2



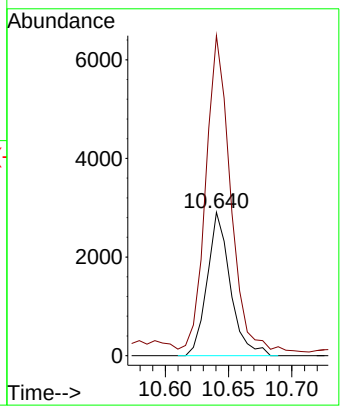


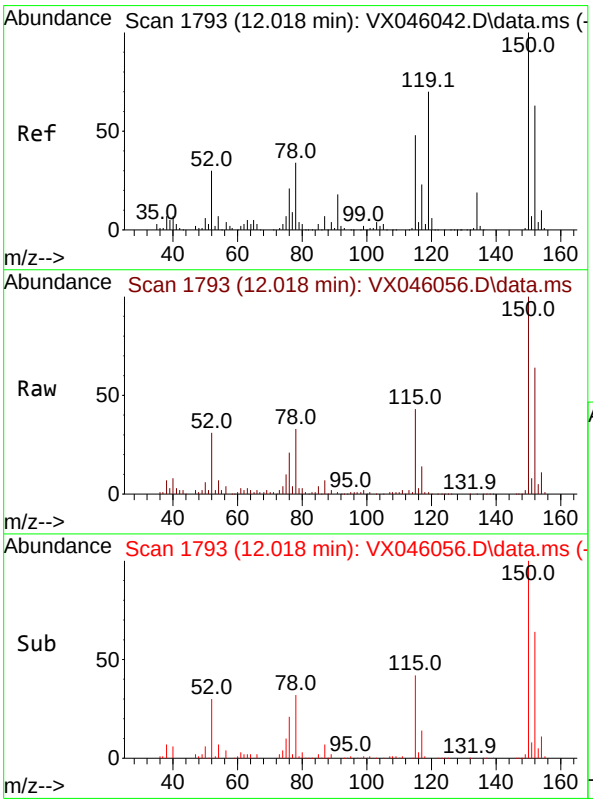
#69
o-Xylene
Concen: 2.275 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion:106 Resp: 3691

Ion	Ratio	Lower	Upper
106	100		
91	236.6	112.7	338.1

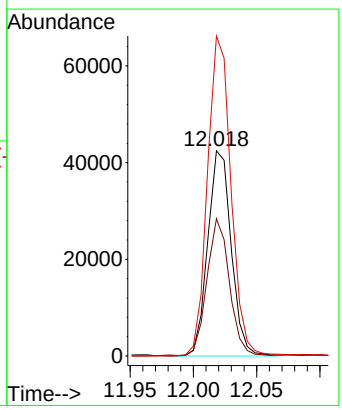




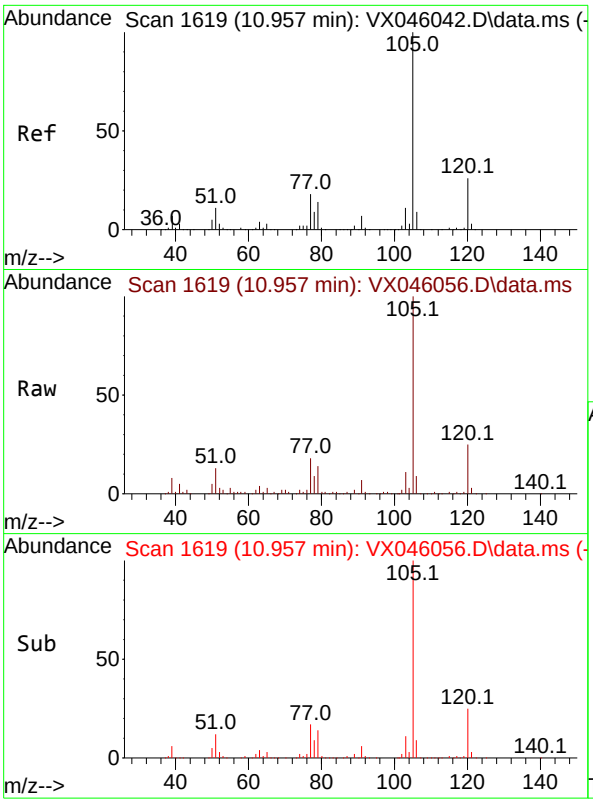
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion:152 Resp: 54778

Ion	Ratio	Lower	Upper
152	100		
115	64.5	46.9	140.7
150	156.9	0.0	351.0



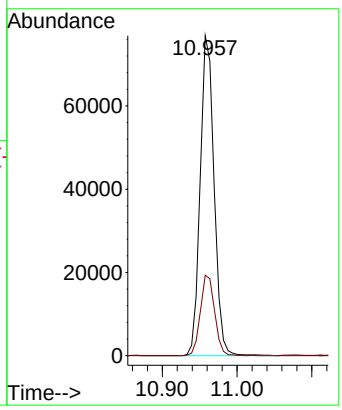
Instrument :
MSVOA_X
ClientSampleId :
GB3W

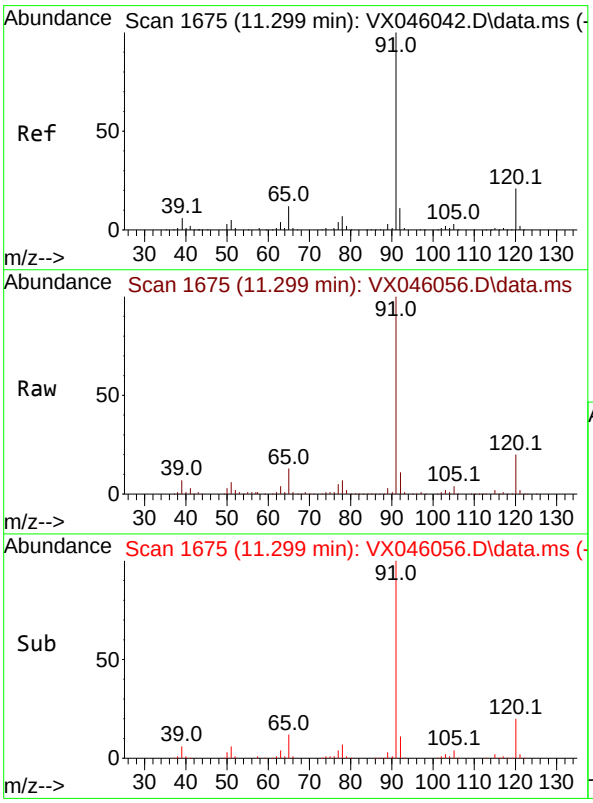


#73
Isopropylbenzene
Concen: 23.300 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion:105 Resp: 99366

Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.8	38.4

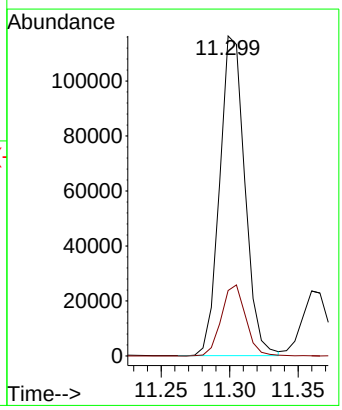


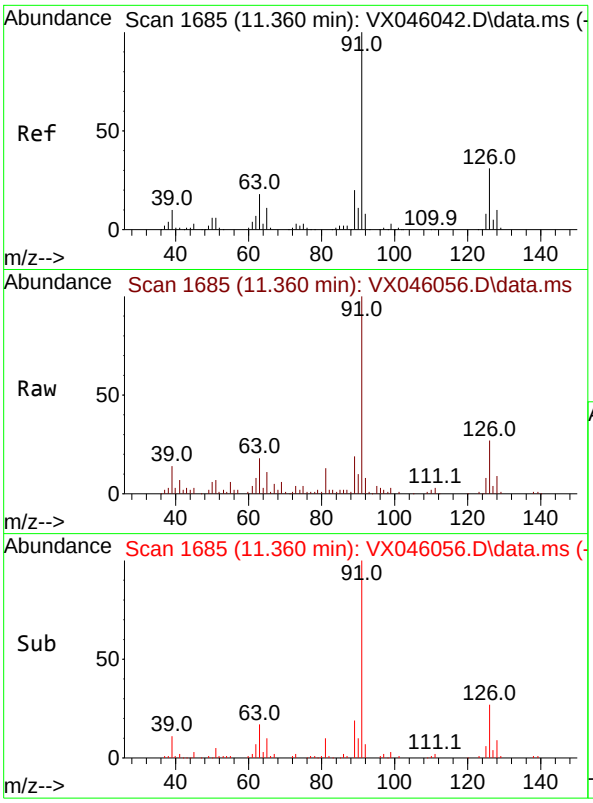


#78
n-propylbenzene
Concen: 29.977 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion: 91 Resp: 148647

Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.8	32.4



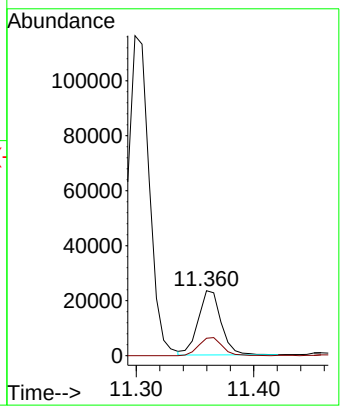


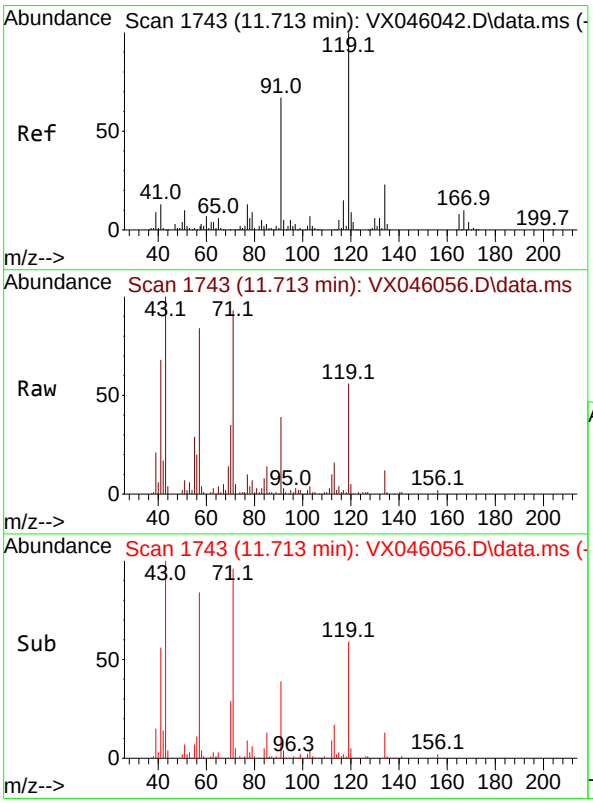
#79
2-Chlorotoluene
Concen: 9.890 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion: 91 Resp: 31633

Ion	Ratio	Lower	Upper
91	100		
126	29.0	15.6	46.7

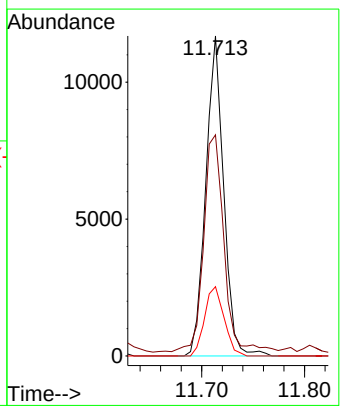


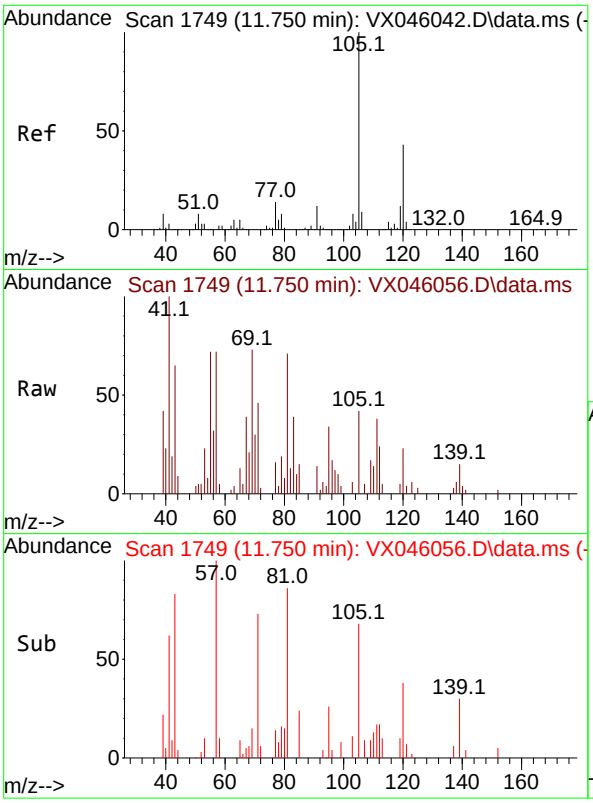


#83
tert-Butylbenzene
Concen: 3.938 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion:119 Resp: 14133

Ion	Ratio	Lower	Upper
119	100		
91	76.1	32.9	98.7
134	23.6	11.4	34.1



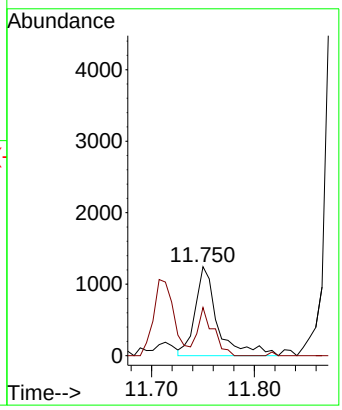


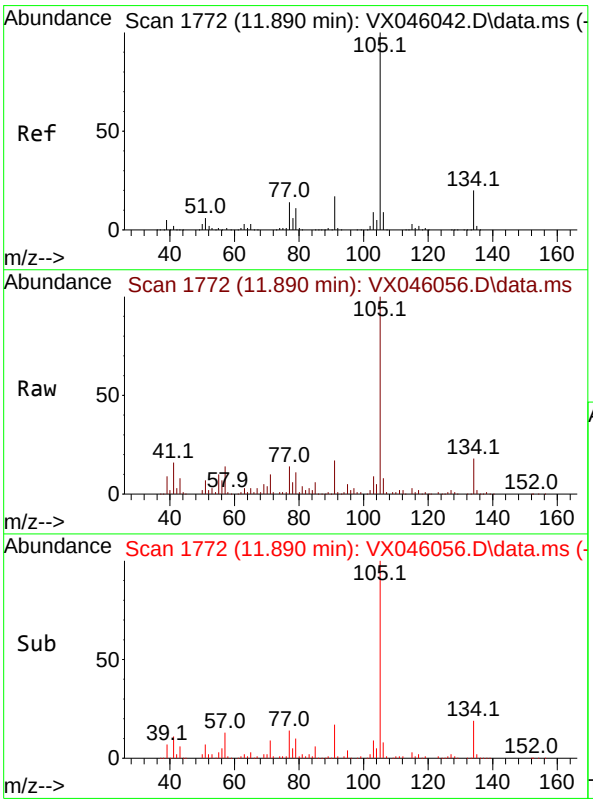
#84
1,2,4-Trimethylbenzene
Concen: 0.523 ug/l
RT: 11.750 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion:105 Resp: 1888

Ion	Ratio	Lower	Upper
105	100		
120	37.1	21.2	63.6

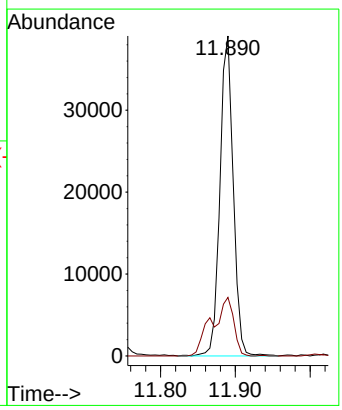


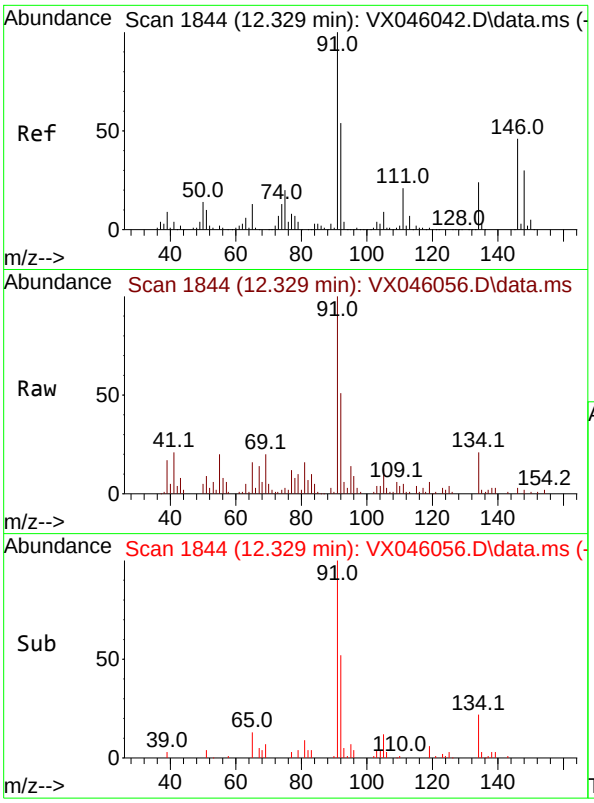


#85
sec-Butylbenzene
Concen: 11.017 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion:105 Resp: 48543

Ion	Ratio	Lower	Upper
105	100		
134	30.0	9.7	29.1#



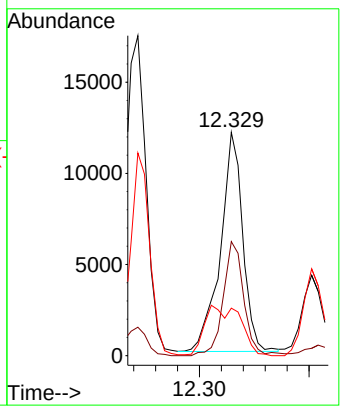


#89
n-Butylbenzene
Concen: 5.338 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion: 91 Resp: 17031

Ion	Ratio	Lower	Upper
91	100		
92	48.1	26.9	80.7
134	20.3	11.8	35.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046056.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.379	693	704	712	rBV2	53159	158461	7.67%	0.628%
2	5.458	712	717	724	rVV4	22476	69000	3.34%	0.274%
3	5.544	724	731	756	rVB	75298	256006	12.39%	1.015%
4	5.952	789	798	812	rBV	61242	163586	7.92%	0.649%
5	6.153	820	831	840	rBV3	30529	95469	4.62%	0.379%
6	6.251	840	847	855	rVV2	30087	83933	4.06%	0.333%
7	6.348	855	863	877	rVB3	42013	120913	5.85%	0.479%
8	6.757	921	930	953	rBV	135381	330862	16.01%	1.312%
9	7.373	1019	1031	1044	rBV	226257	546676	26.46%	2.168%
10	7.769	1086	1096	1104	rBV2	42800	86974	4.21%	0.345%
11	7.952	1119	1126	1138	rVB	52462	103493	5.01%	0.410%
12	8.598	1224	1232	1235	rBV2	170714	312266	15.11%	1.238%
13	8.647	1235	1240	1246	rVV	297615	541087	26.19%	2.146%
14	8.714	1246	1251	1256	rVV	170455	265577	12.85%	1.053%
15	8.769	1256	1260	1265	rVV	81935	134271	6.50%	0.532%
16	8.842	1269	1272	1280	rVB	52148	84031	4.07%	0.333%
17	8.970	1288	1293	1304	rVB2	179986	303322	14.68%	1.203%
18	9.098	1305	1314	1320	rBV	77063	129409	6.26%	0.513%
19	9.378	1354	1360	1365	rBV3	57588	96466	4.67%	0.383%
20	9.506	1375	1381	1385	rBV3	87644	171212	8.29%	0.679%
21	9.561	1385	1390	1394	rVB	174037	248662	12.03%	0.986%
22	9.616	1394	1399	1403	rBV	138208	214203	10.37%	0.849%
23	9.756	1415	1422	1427	rBV2	37129	59934	2.90%	0.238%
24	9.823	1427	1433	1438	rBV4	74633	159036	7.70%	0.631%
25	10.049	1466	1470	1476	rVV	287132	413455	20.01%	1.640%
26	10.122	1476	1482	1487	rVV	87174	160256	7.76%	0.635%
27	10.177	1487	1491	1498	rVV3	34763	75100	3.63%	0.298%
28	10.275	1498	1507	1510	rVV2	83353	170679	8.26%	0.677%
29	10.317	1510	1514	1517	rVV2	93658	150158	7.27%	0.595%
30	10.348	1517	1519	1531	rVB2	52471	102599	4.97%	0.407%
31	10.451	1531	1536	1545	rBV2	47782	73594	3.56%	0.292%
32	10.586	1551	1558	1565	rBV3	110336	212587	10.29%	0.843%
33	10.665	1565	1571	1576	rVV3	35178	75789	3.67%	0.301%
34	10.775	1581	1589	1594	rBV2	211102	329813	15.96%	1.308%
35	10.854	1594	1602	1606	rBV4	151452	245978	11.90%	0.975%
36	10.890	1606	1608	1614	rVB	84382	105597	5.11%	0.419%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Title : SW846 8260

37	10.957	1614	1619	1623	rBV	207832	274893	13.30%	1.090%
38	11.024	1628	1630	1635	rVV2	52483	73219	3.54%	0.290%
39	11.079	1635	1639	1643	rVV	241281	301611	14.60%	1.196%
40	11.122	1643	1646	1650	rVB	45686	59517	2.88%	0.236%
41	11.220	1654	1662	1670	rVB4	75561	140289	6.79%	0.556%
42	11.299	1670	1675	1679	rBV	245901	318997	15.44%	1.265%
43	11.360	1682	1685	1693	rVV2	72241	139998	6.78%	0.555%
44	11.427	1693	1696	1700	rVV2	66989	90288	4.37%	0.358%
45	11.610	1722	1726	1734	rVB4	65852	125548	6.08%	0.498%
46	11.713	1739	1743	1746	rVV	130373	138295	6.69%	0.548%
47	11.866	1759	1768	1769	rBV2	68762	126697	6.13%	0.502%
48	11.890	1769	1772	1776	rVV	125852	162556	7.87%	0.645%
49	11.939	1776	1780	1784	rVV	61983	80343	3.89%	0.319%
50	12.018	1788	1793	1799	rBV	291371	396192	19.17%	1.571%
51	12.171	1811	1818	1824	rVB2	59476	91867	4.45%	0.364%
52	12.244	1824	1830	1836	rVB2	307395	406942	19.69%	1.614%
53	12.311	1836	1841	1848	rBV3	73989	151784	7.35%	0.602%
54	12.402	1850	1856	1863	rBV2	64559	122920	5.95%	0.487%
55	12.610	1886	1890	1893	rVV	380999	458062	22.17%	1.816%
56	12.640	1893	1895	1899	rVV	92753	113292	5.48%	0.449%
57	12.695	1899	1904	1912	rVB2	308522	518620	25.10%	2.057%
58	12.835	1925	1927	1931	rVB	51799	56902	2.75%	0.226%
59	12.920	1937	1941	1947	rVB	275920	363998	17.62%	1.443%
60	12.975	1947	1950	1954	rVB3	47646	62061	3.00%	0.246%
61	13.024	1954	1958	1962	rBV3	68593	124755	6.04%	0.495%
62	13.164	1978	1981	1985	rVV	143254	149978	7.26%	0.595%
63	13.286	1992	2001	2008	rBV2	898218	1381052	66.84%	5.477%
64	13.384	2012	2017	2020	rVV2	101907	200879	9.72%	0.797%
65	13.420	2020	2023	2032	rVB7	93924	187980	9.10%	0.745%
66	13.506	2032	2037	2039	rBV	69425	100596	4.87%	0.399%
67	13.542	2039	2043	2046	rVV	185425	245106	11.86%	0.972%
68	13.579	2046	2049	2053	rVV2	178932	253005	12.24%	1.003%
69	13.664	2053	2063	2068	rVV3	239307	548099	26.53%	2.173%
70	13.744	2071	2076	2079	rBV2	51397	95922	4.64%	0.380%
71	13.792	2079	2084	2088	rVB3	72947	129432	6.26%	0.513%
72	13.841	2088	2092	2098	rVB3	109455	179967	8.71%	0.714%
73	13.926	2098	2106	2110	rBV3	136293	246035	11.91%	0.976%
74	13.969	2110	2113	2117	rBV	87805	117362	5.68%	0.465%
75	14.073	2125	2130	2133	rBV	206823	263775	12.77%	1.046%
76	14.213	2149	2153	2162	rVB	244318	404133	19.56%	1.603%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Title : SW846 8260

77	14.317	2166	2170	2175	rVV2	128855	211450	10.23%	0.838%
78	14.371	2175	2179	2183	rVB	234819	288620	13.97%	1.145%
79	14.414	2183	2186	2192	rVB5	51766	88152	4.27%	0.350%
80	14.481	2192	2197	2201	rBV3	128253	223721	10.83%	0.887%
81	14.634	2210	2222	2227	rBV	1497420	2066320	100.00%	8.194%
82	14.670	2227	2228	2233	rVB2	93150	79039	3.83%	0.313%
83	14.725	2233	2237	2240	rBV	60176	84099	4.07%	0.333%
84	14.780	2241	2246	2254	rVV	1266888	1748688	84.63%	6.934%
85	14.957	2272	2275	2282	rVB7	34013	68089	3.30%	0.270%
86	15.091	2293	2297	2305	rVB8	24434	60458	2.93%	0.240%
87	15.182	2307	2312	2314	rVV2	87525	130443	6.31%	0.517%
88	15.213	2314	2317	2320	rVV	94041	124609	6.03%	0.494%
89	15.262	2321	2325	2331	rVB7	34630	75924	3.67%	0.301%
90	15.371	2339	2343	2346	rBV	135203	178250	8.63%	0.707%
91	15.408	2346	2349	2354	rVB2	122287	187279	9.06%	0.743%
92	15.475	2355	2360	2373	rVB	446503	757285	36.65%	3.003%
93	15.609	2377	2382	2386	rVV	541760	889054	43.03%	3.526%
94	15.646	2386	2388	2397	rVB	348838	488059	23.62%	1.935%
95	15.737	2397	2403	2408	rVB3	56652	107386	5.20%	0.426%
96	15.835	2410	2419	2429	rVB	166877	465398	22.52%	1.846%
97	15.987	2436	2444	2455	rVB	110985	233394	11.30%	0.926%
98	16.347	2499	2503	2512	rVB2	49247	106352	5.15%	0.422%
99	16.591	2539	2543	2549	rVV	63806	113690	5.50%	0.451%
100	16.652	2549	2553	2566	rVB	71754	188493	9.12%	0.747%

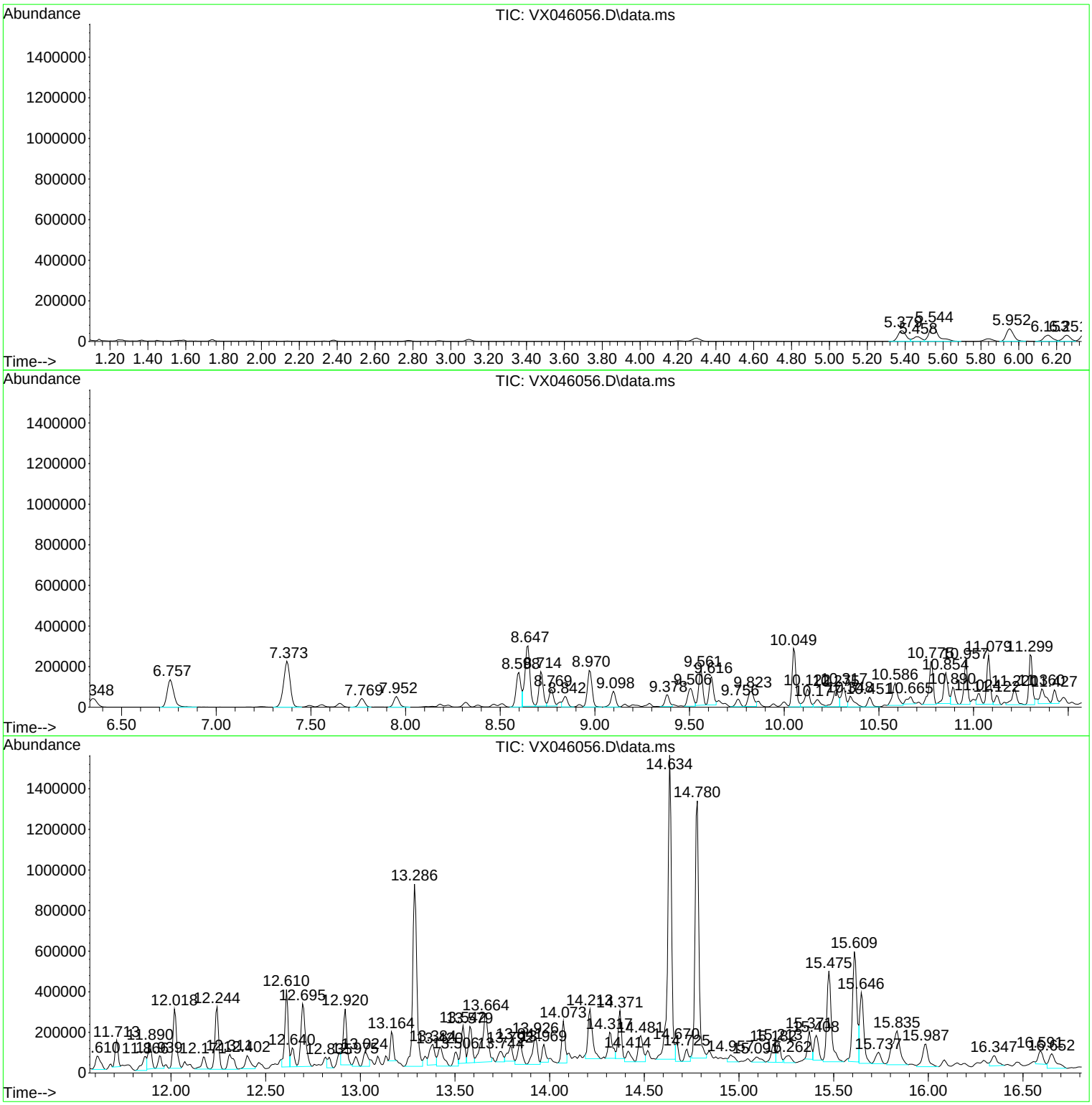
Sum of corrected areas: 25217673

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

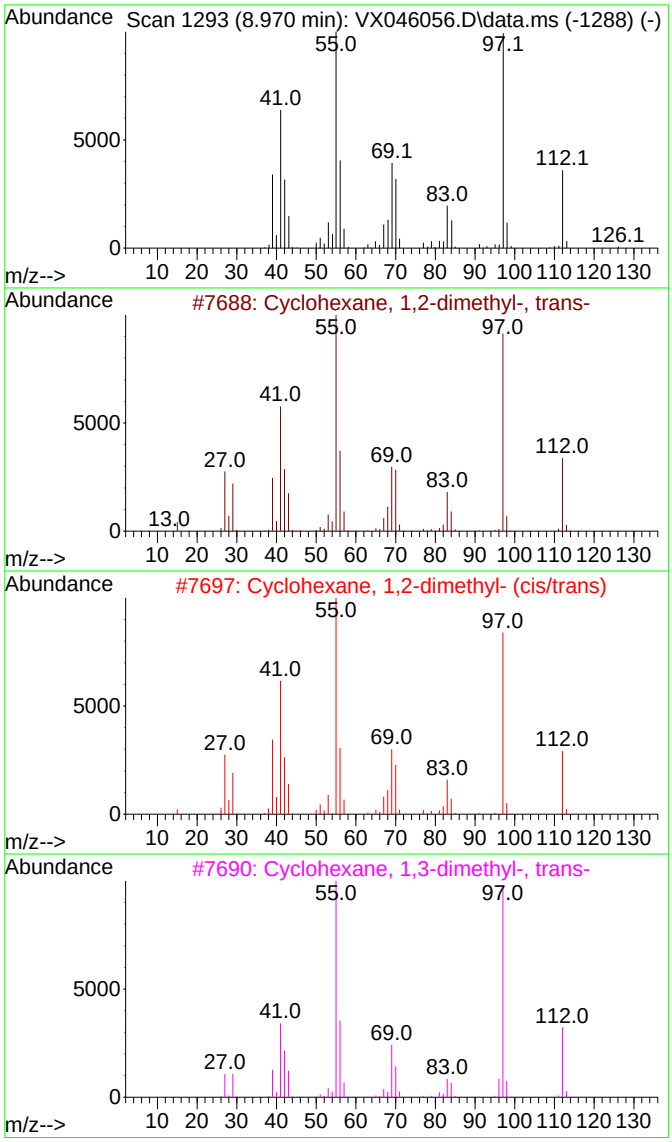
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

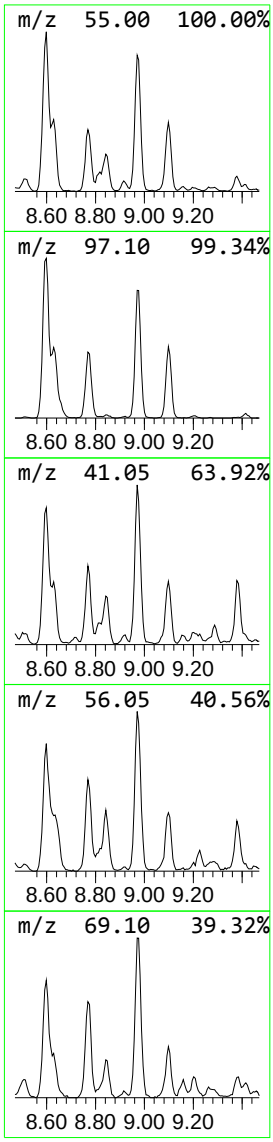
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.970	36.68 ug/l	303322	Chlorobenzene-d5	10.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	96
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	95
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
4	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	70
5	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	70





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Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

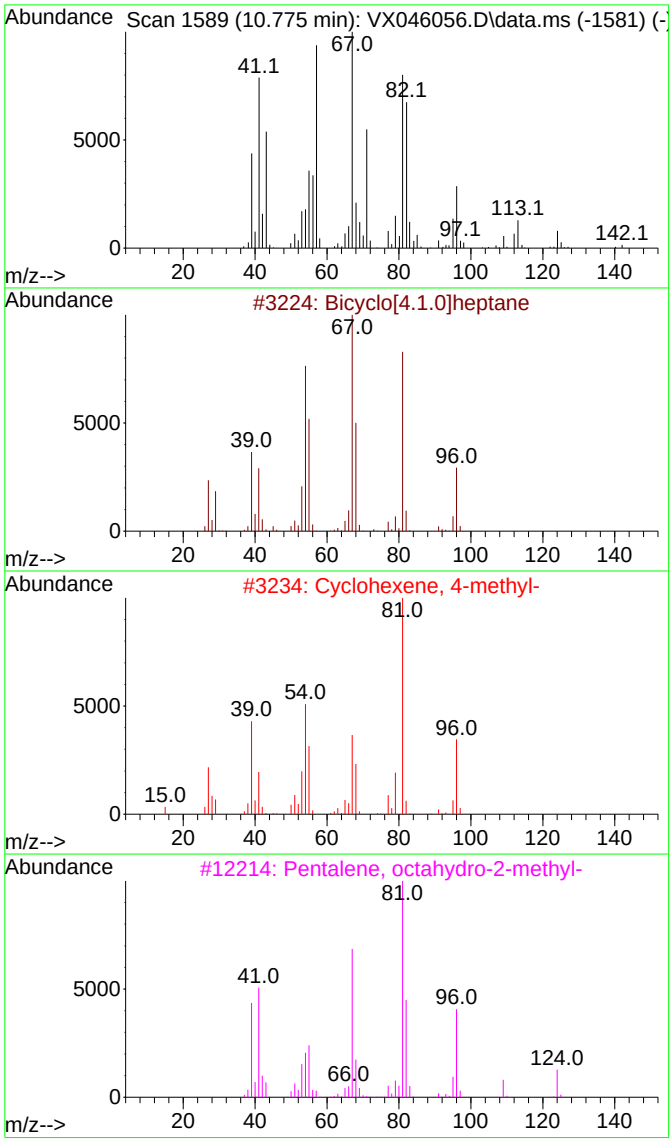
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

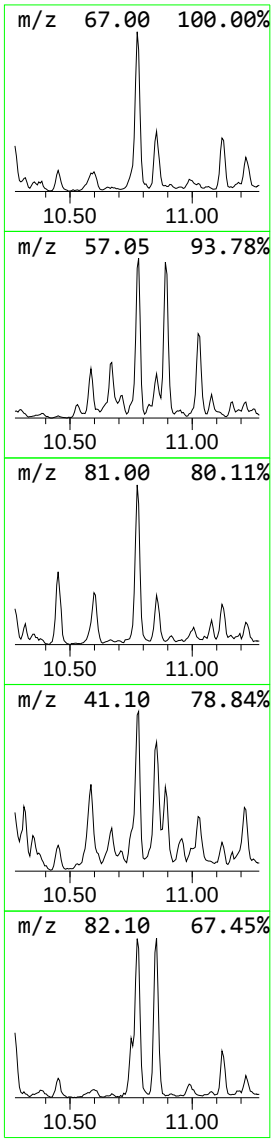
****

Peak Number 2 unknown10.775 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.775	39.88 ug/l	329813	Chlorobenzene-d5	10.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	49
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	46
3	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	43
4	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	43
5	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	43





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Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

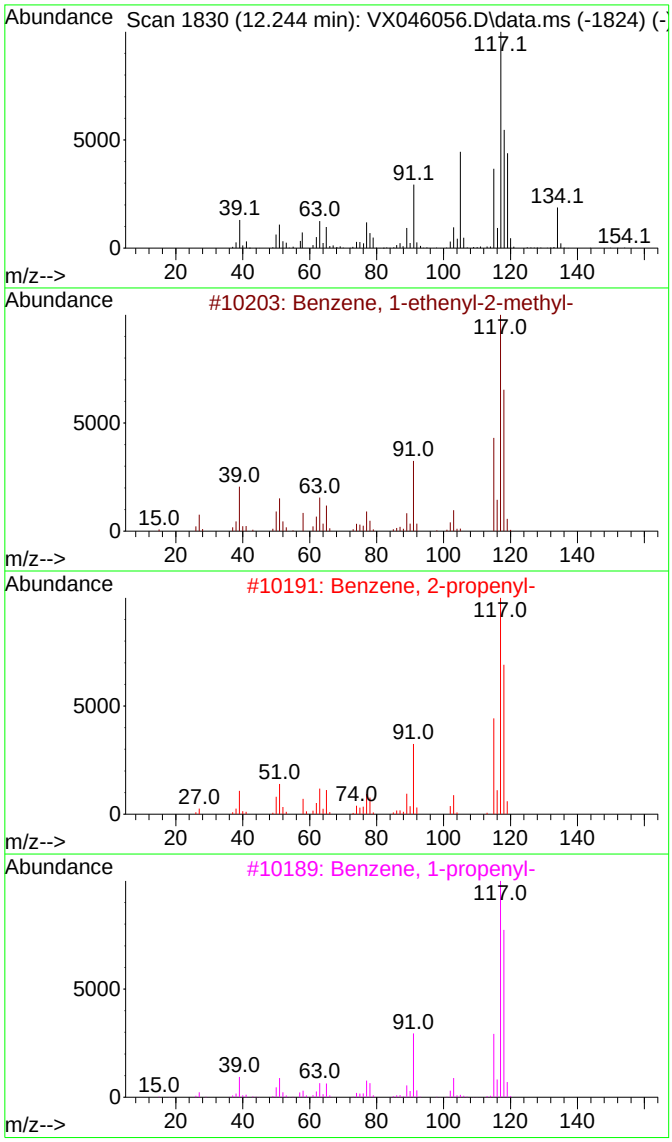
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

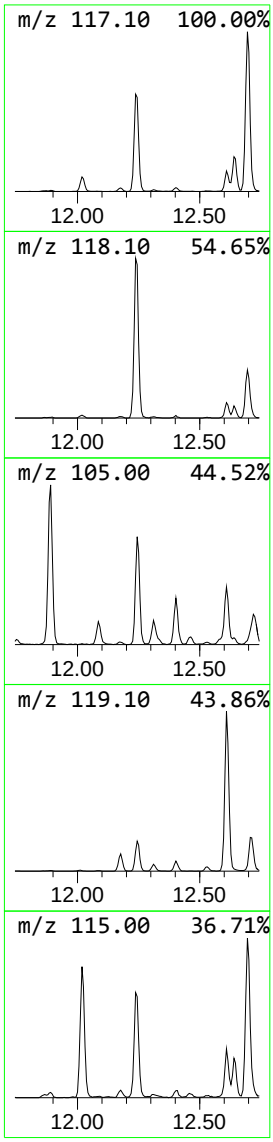
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethenyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	51.36 ug/l	406942	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	89
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	86
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	83
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	78
5	Indane	118	C9H10	000496-11-7	64





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Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

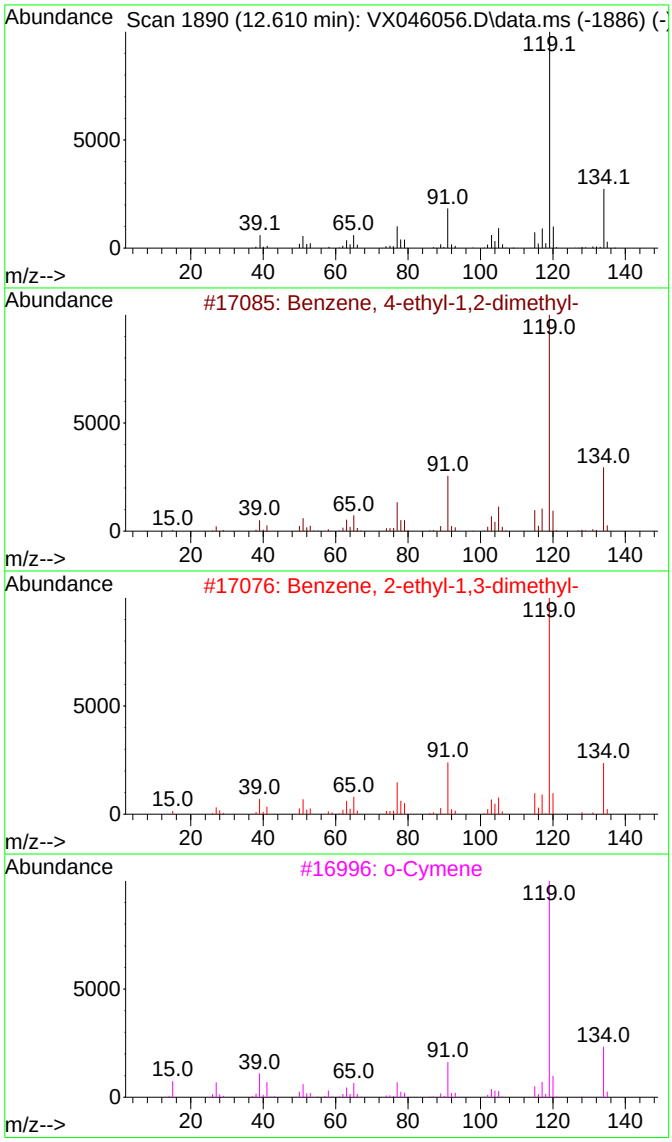
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

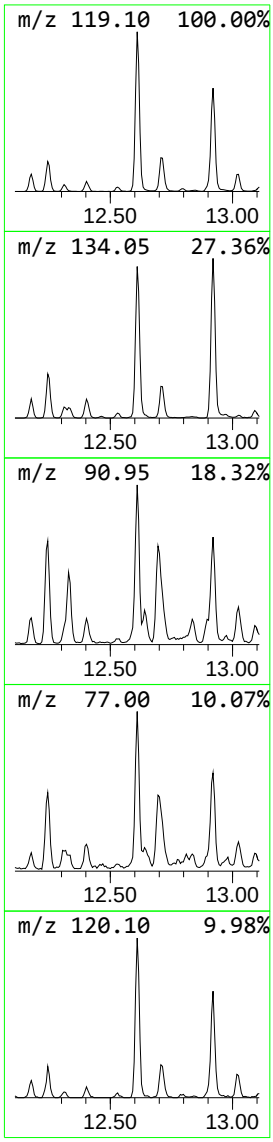
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	57.81 ug/l	458062	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





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Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

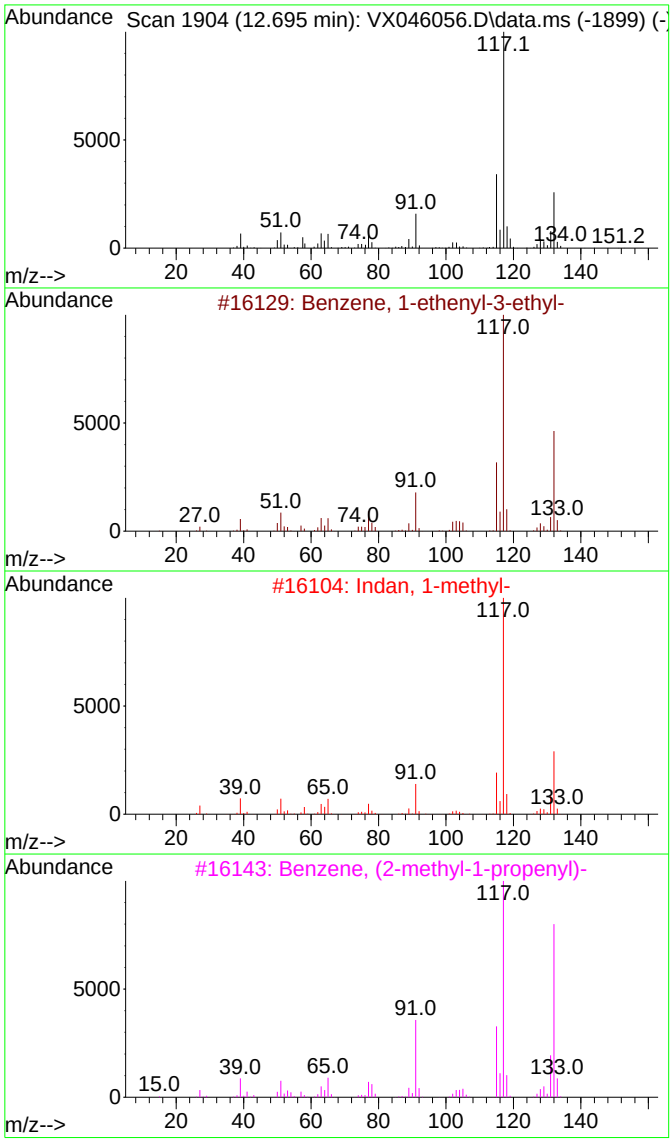
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

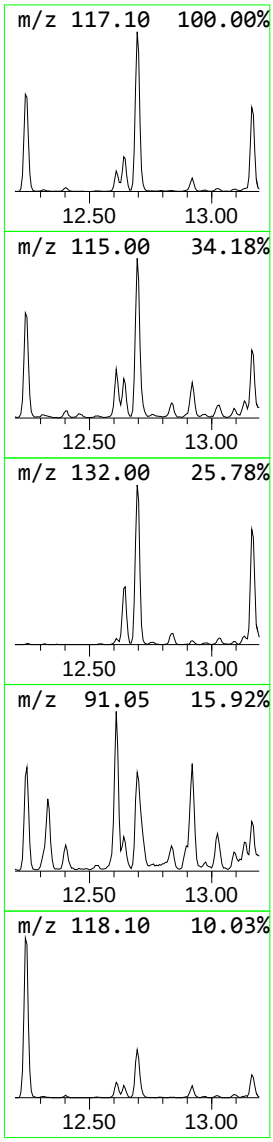
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	65.45 ug/l	518620	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





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Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

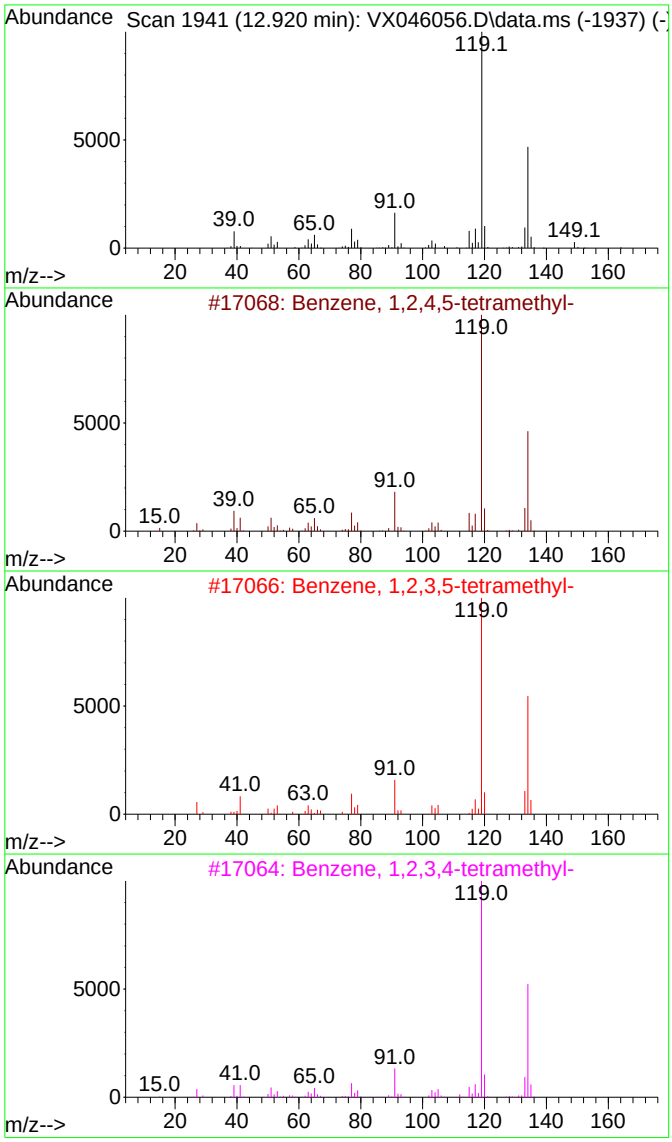
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

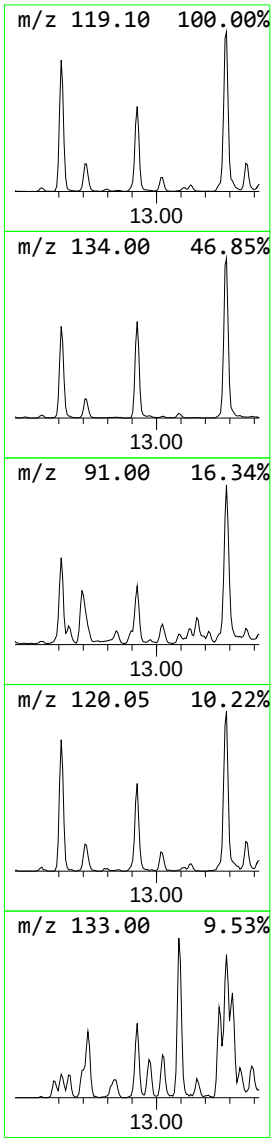
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	45.94 ug/l	363998	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





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Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

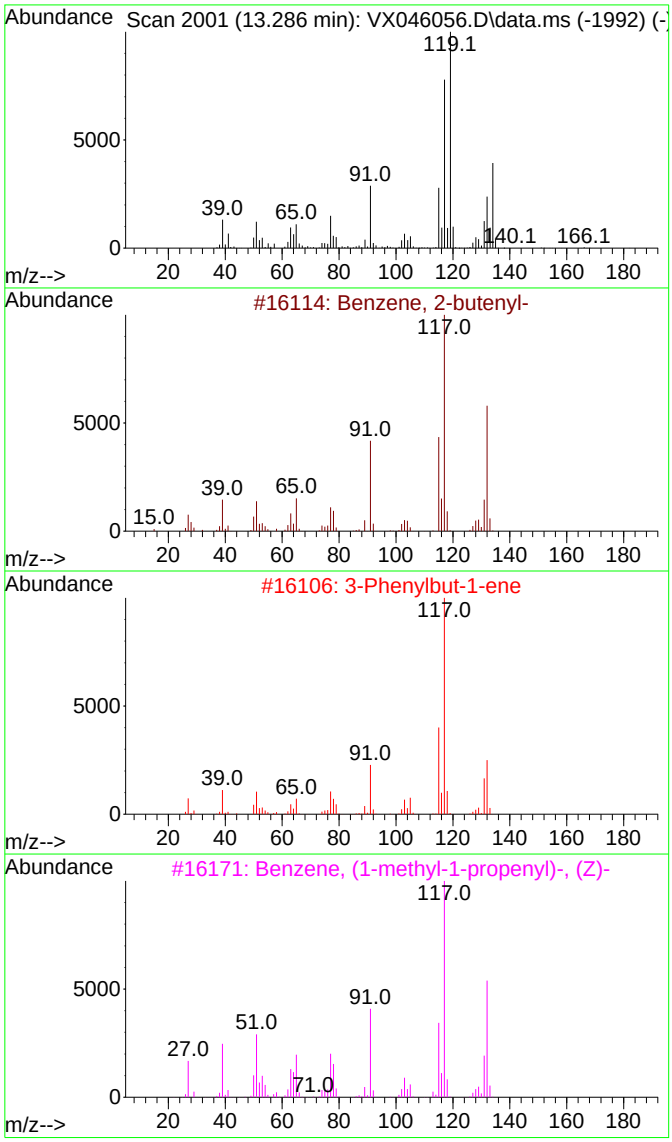
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

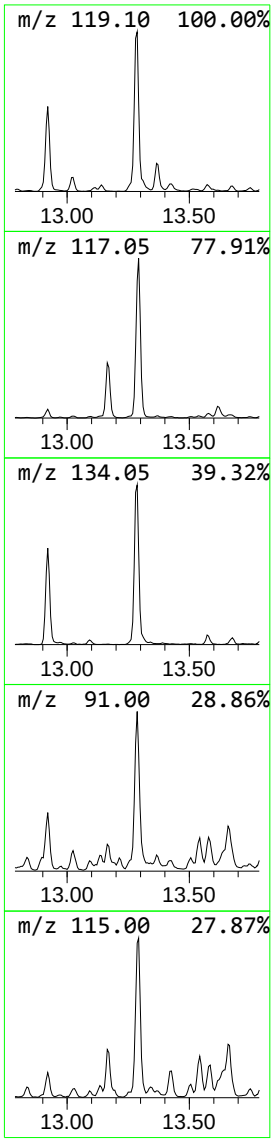
****

Peak Number 7 Benzene, 2-butenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	174.29 ug/l	1381050	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	89
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50





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Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

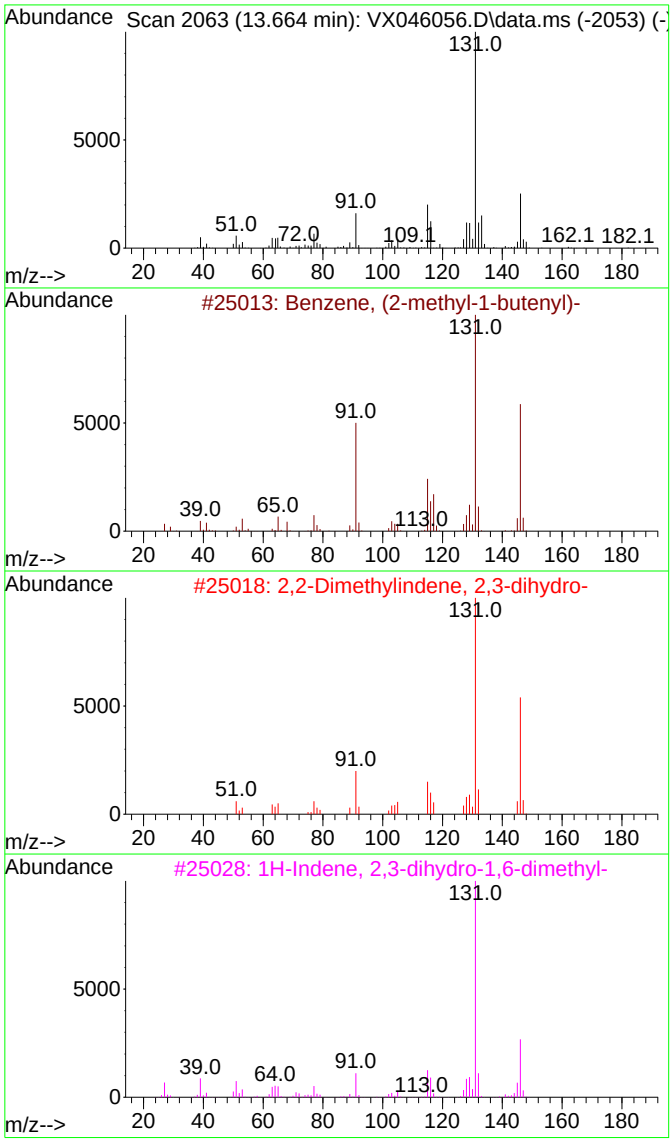
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

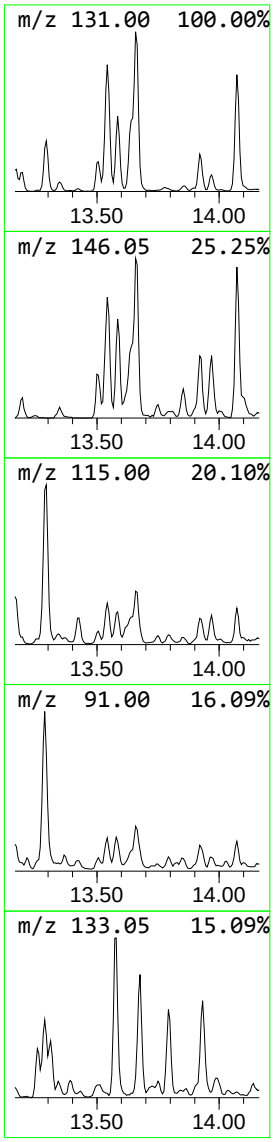
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (2-methyl-1-butenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.664	69.17 ug/l	548099	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	96
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





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Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

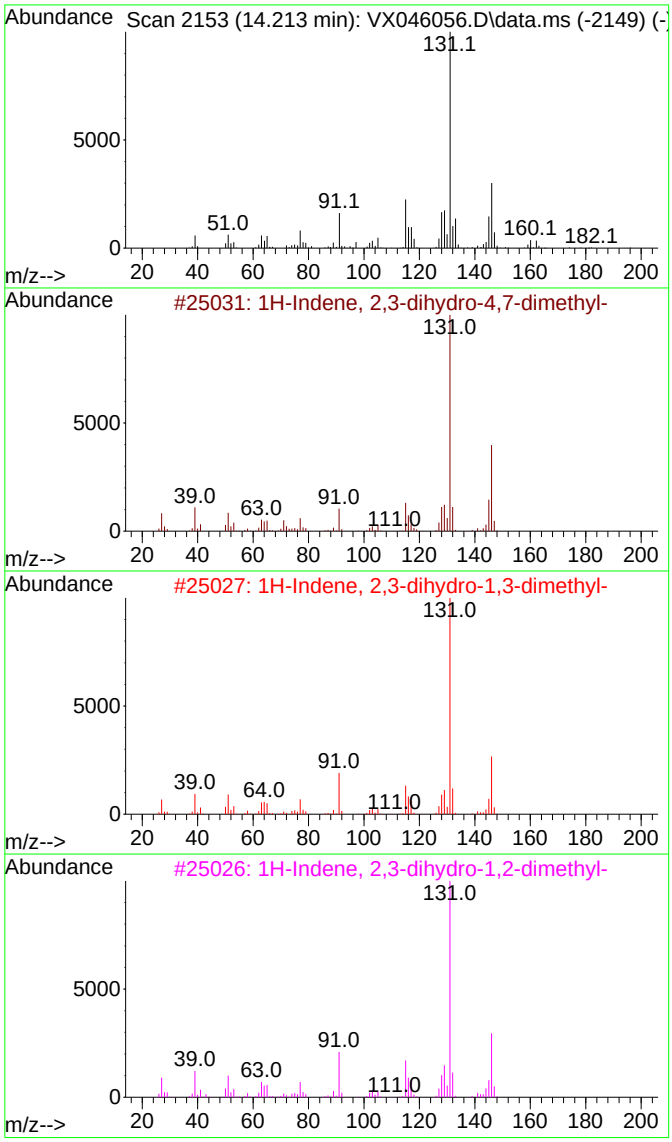
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

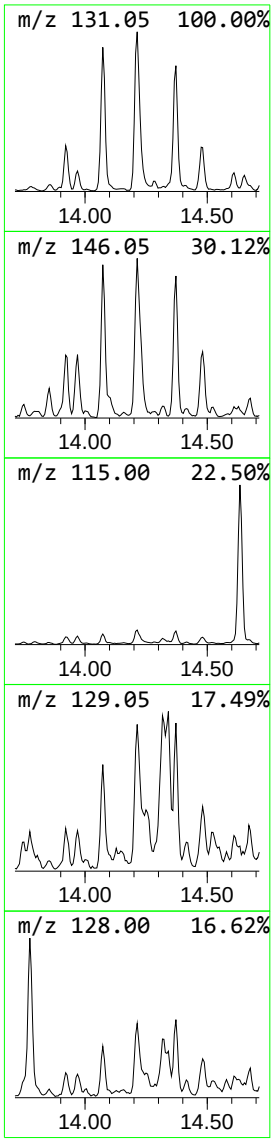
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.213	51.00 ug/l	404133	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87





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Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

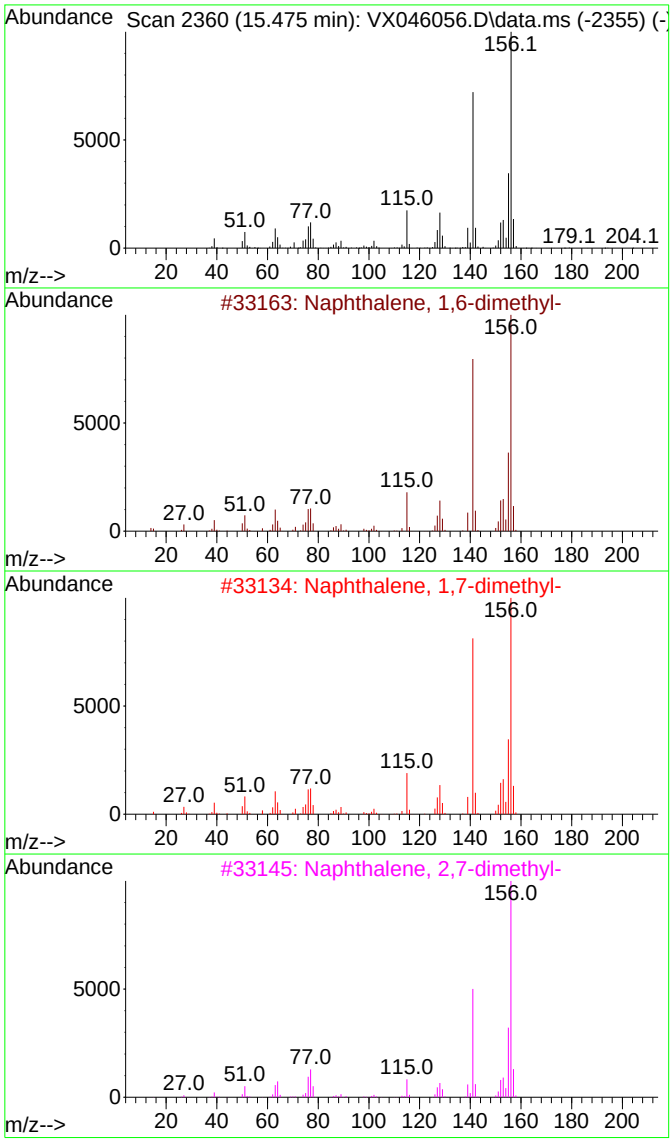
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

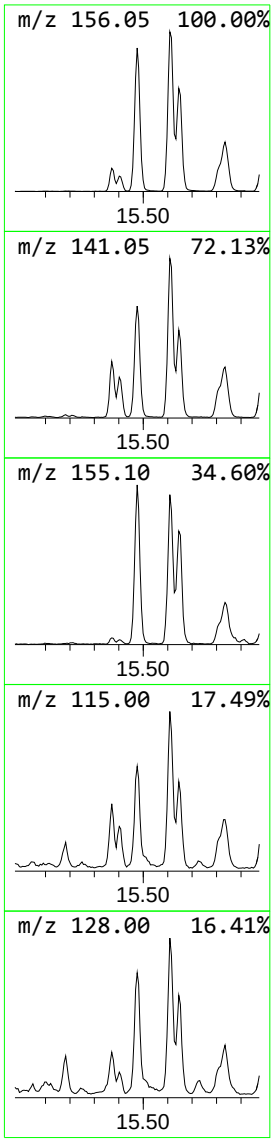
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.475	95.57 ug/l	757285	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

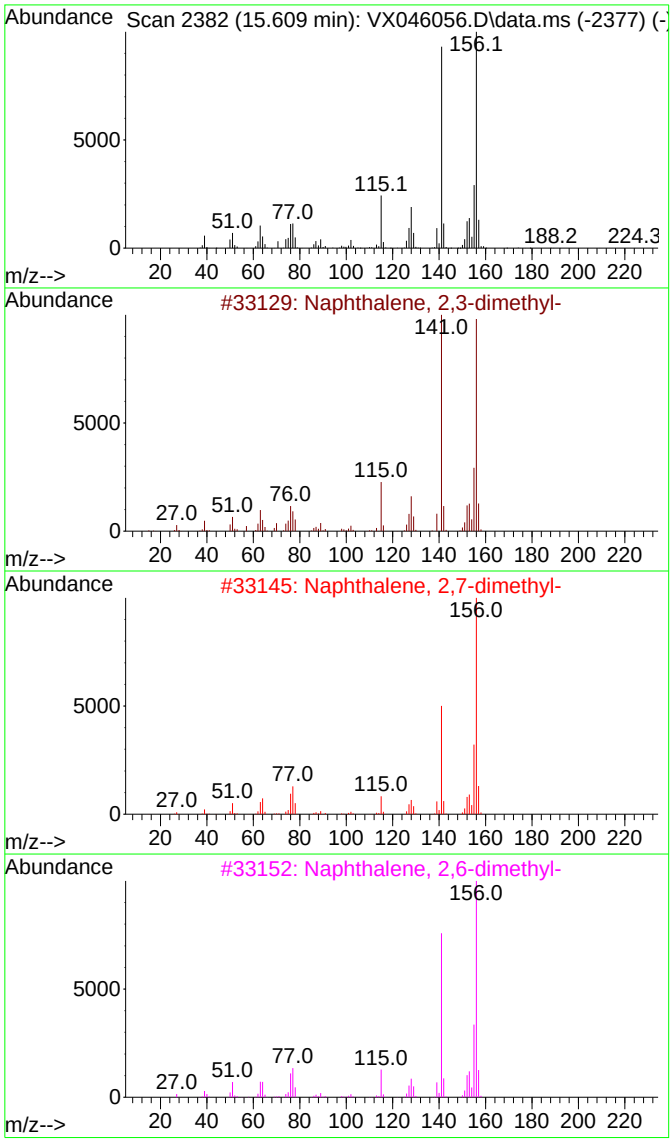
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

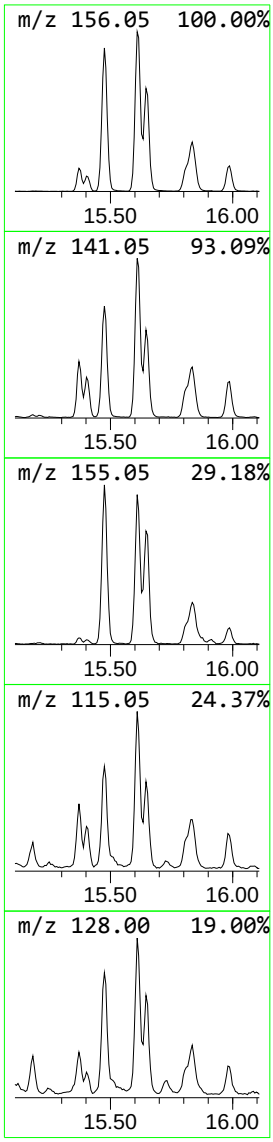
****

Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.609	112.20 ug/l	889054	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

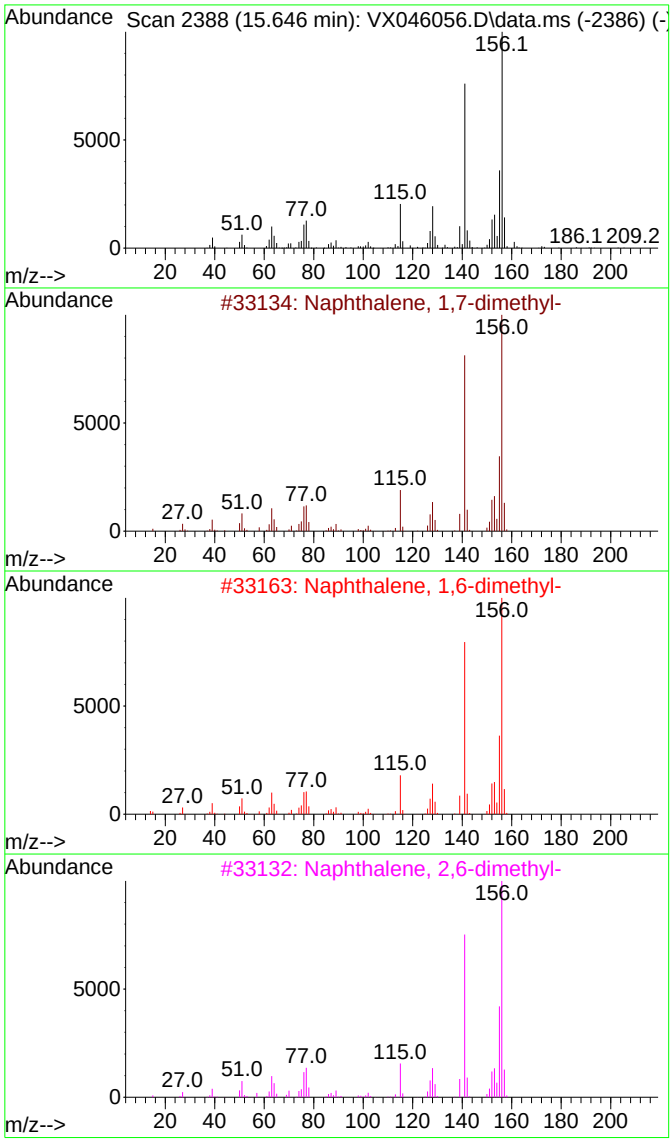
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

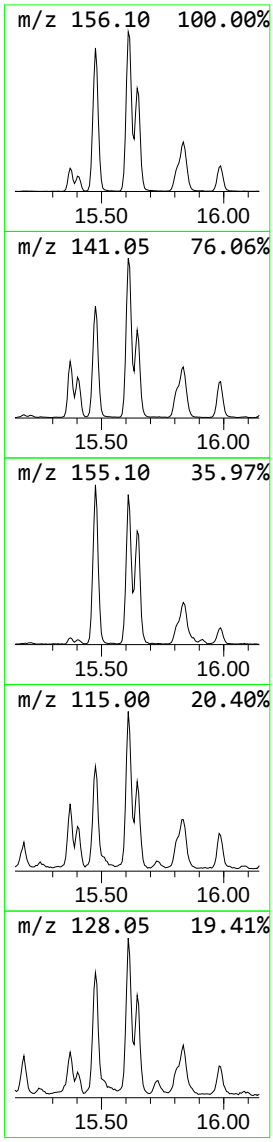
****

Peak Number 14 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.646	61.59 ug/l	488059	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

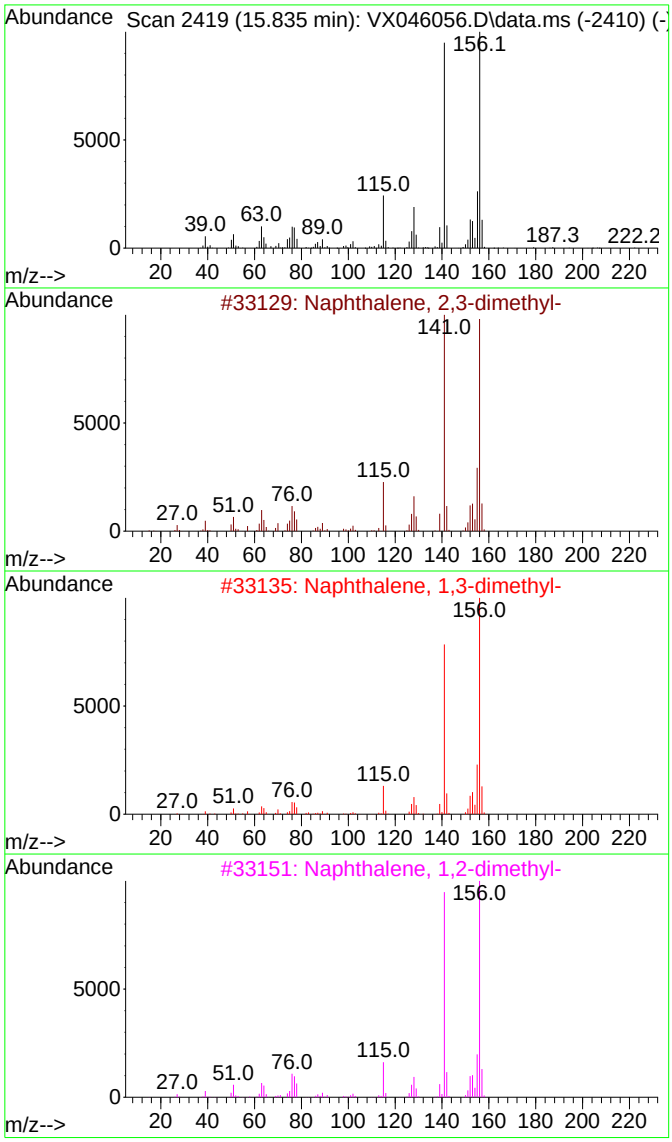
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

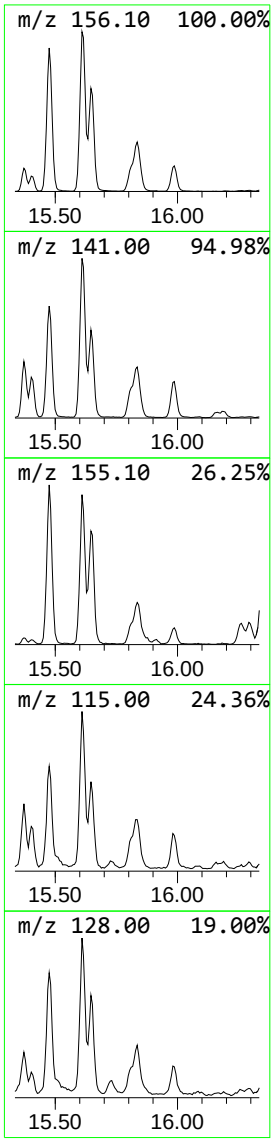
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.835	58.73 ug/l	465398	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane, 1,...	8.970	36.7	ug/l	303322	3	10.049	413455	50.0
unknown10.775	10.775	39.9	ug/l	329813	3	10.049	413455	50.0
Benzene, 1-ethe...	12.244	51.4	ug/l	406942	4	12.018	396192	50.0
Benzene, 4-ethy...	12.610	57.8	ug/l	458062	4	12.018	396192	50.0
Benzene, 1-ethe...	12.695	65.5	ug/l	518620	4	12.018	396192	50.0
Benzene, 1,2,4,...	12.921	45.9	ug/l	363998	4	12.018	396192	50.0
Benzene, 2-bute...	13.286	174.3	ug/l	1381050	4	12.018	396192	50.0
Benzene, (2-met...	13.664	69.2	ug/l	548099	4	12.018	396192	50.0
1H-Indene, 2,3-...	14.213	51.0	ug/l	404133	4	12.018	396192	50.0
Naphthalene, 1,...	15.475	95.6	ug/l	757285	4	12.018	396192	50.0
Naphthalene, 2,...	15.609	112.2	ug/l	889054	4	12.018	396192	50.0
Naphthalene, 1,...	15.646	61.6	ug/l	488059	4	12.018	396192	50.0
Naphthalene, 1,...	15.835	58.7	ug/l	465398	4	12.018	396192	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046052.D
Acq On : 06 May 2025 10:39
Operator : JC/MD
Sample : VX0506WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

Quant Time: May 07 01:44:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	68197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136434	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67874	53.385	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.760%			
35) Dibromofluoromethane	5.379	113	49460	50.343	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.680%			
50) Toluene-d8	8.647	98	168818	49.646	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.300%			
62) 4-Bromofluorobenzene	11.079	95	64799	49.679	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.360%			

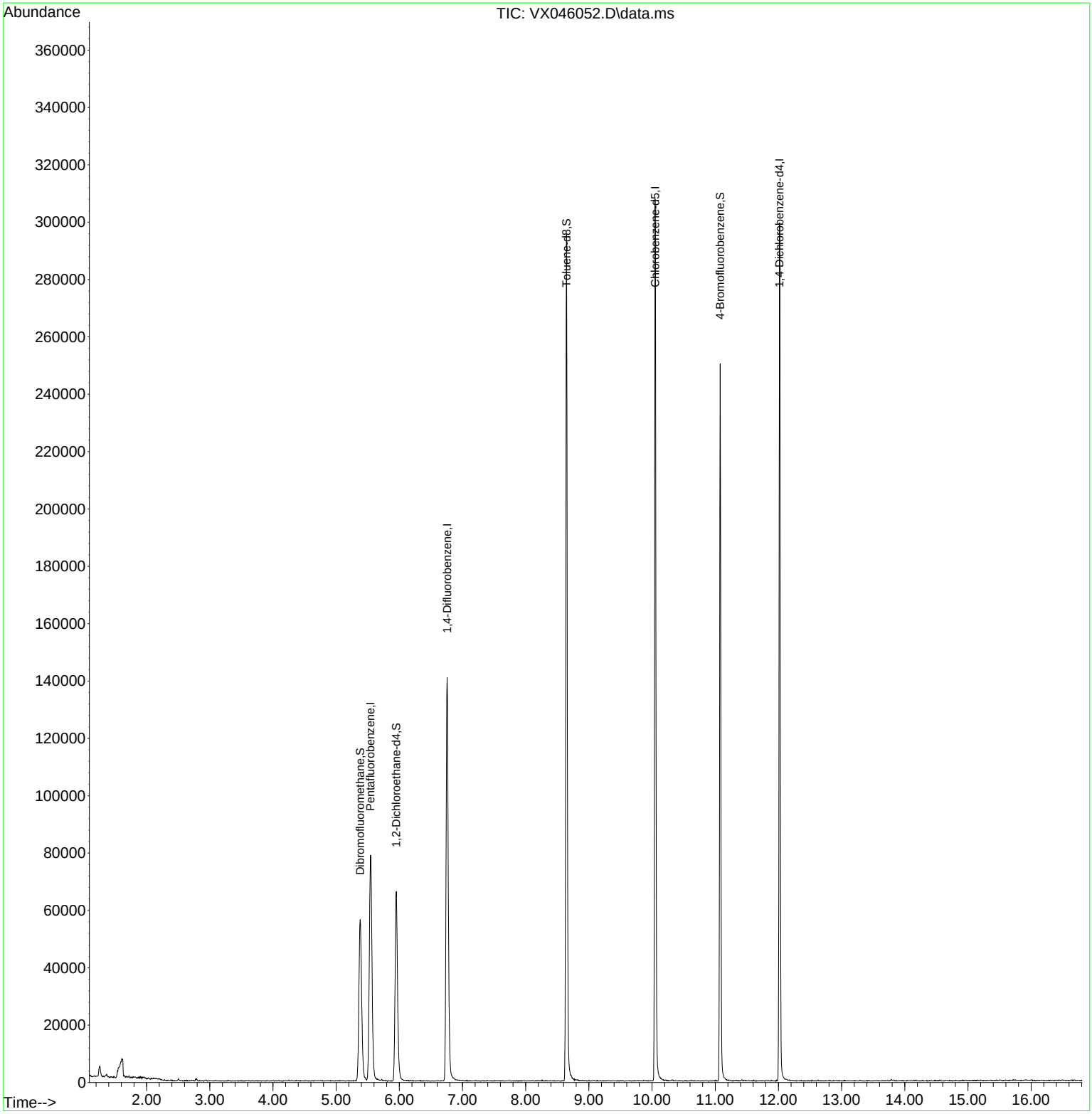
Target Compounds Qvalue

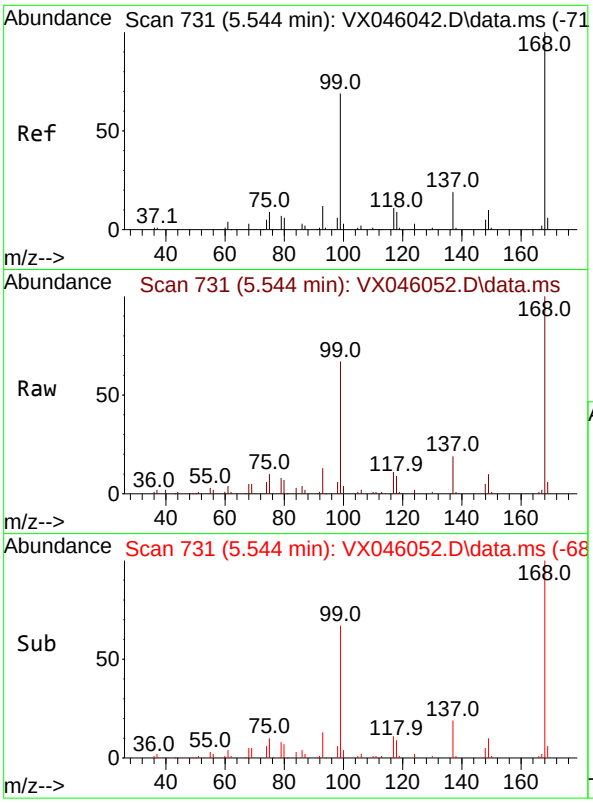
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046052.D
Acq On : 06 May 2025 10:39
Operator : JC/MD
Sample : VX0506WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

Quant Time: May 07 01:44:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



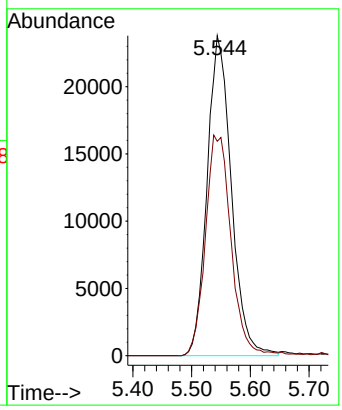


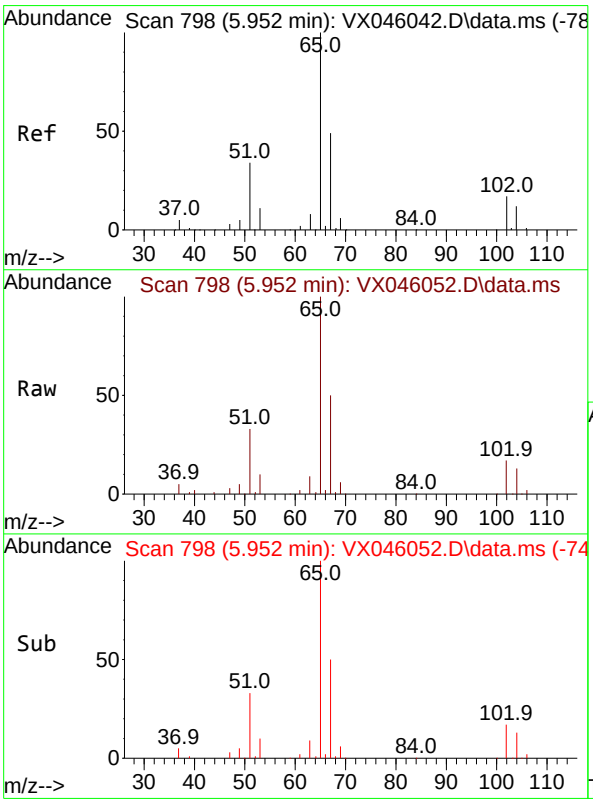
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

Tgt Ion:168 Resp: 68197

Ion	Ratio	Lower	Upper
168	100		
99	67.0	54.9	82.3

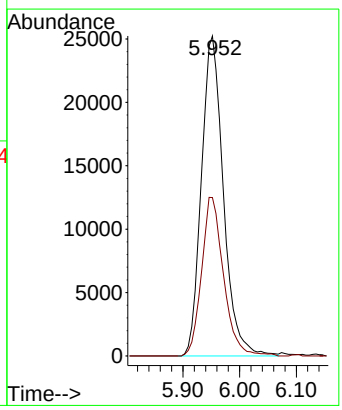


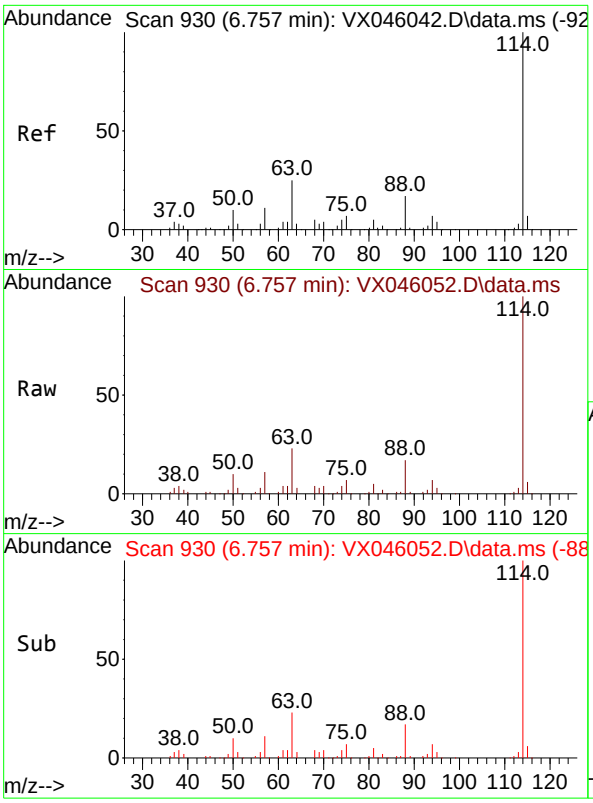


#33
1,2-Dichloroethane-d4
Concen: 53.385 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Tgt Ion: 65 Resp: 67874

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.0



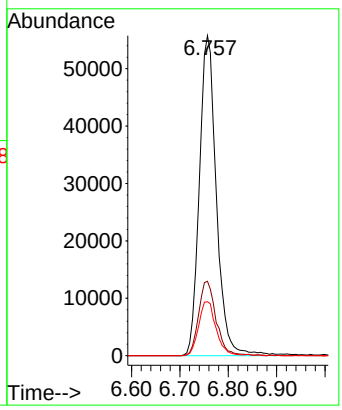


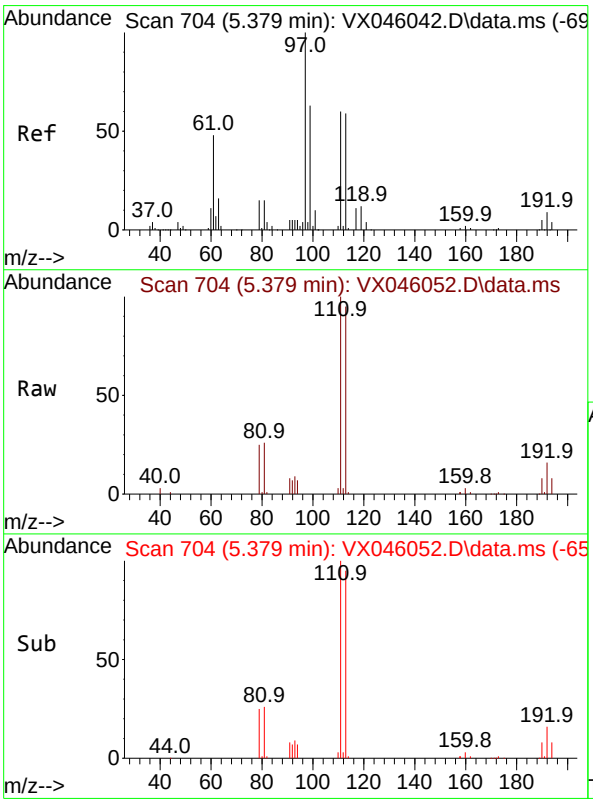
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

Tgt Ion:114 Resp: 136434

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	49.2
88	16.9	0.0	33.6

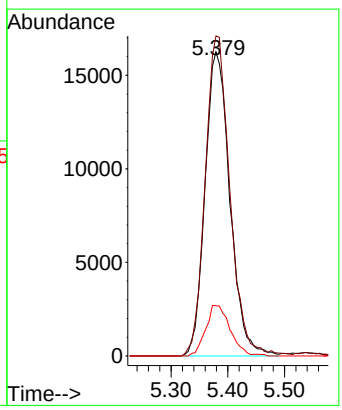


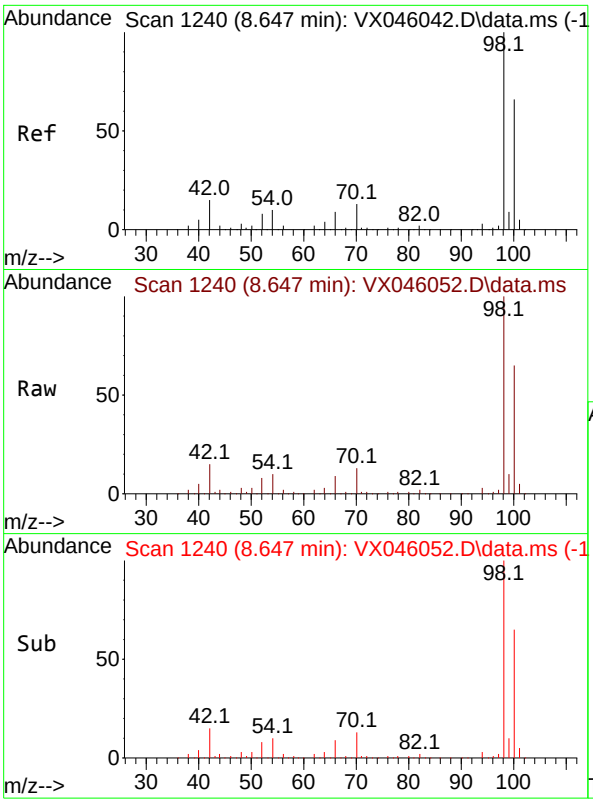


#35
Dibromofluoromethane
Concen: 50.343 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Tgt Ion:113 Resp: 49460

Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.1	124.7
192	16.2	13.3	19.9



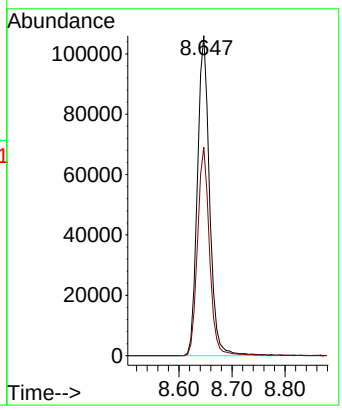


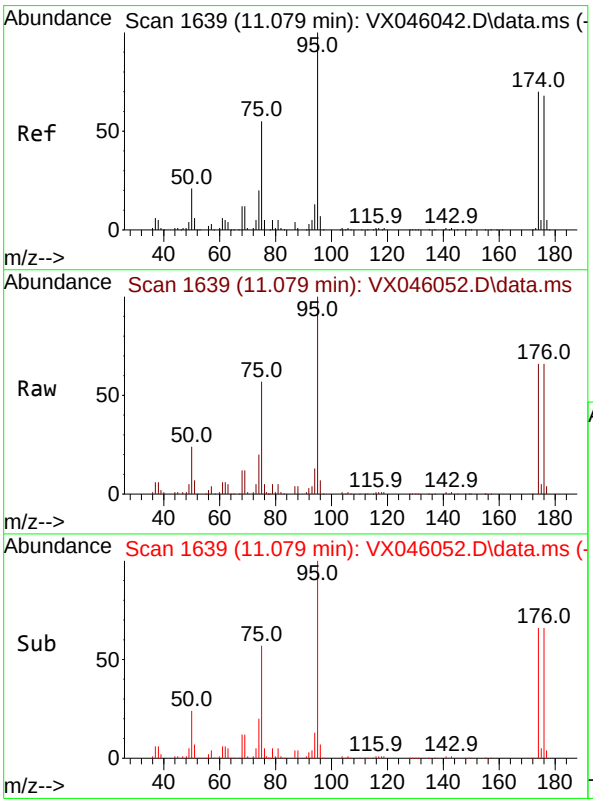
#50
Toluene-d8
Concen: 49.646 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

Tgt Ion: 98 Resp: 168818

Ion	Ratio	Lower	Upper
98	100		
100	64.2	53.5	80.3

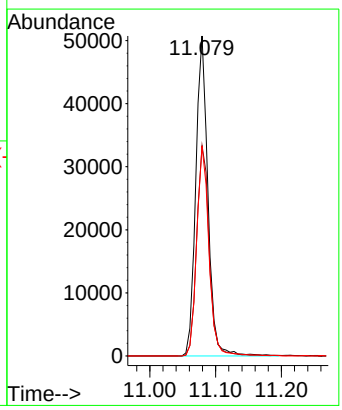


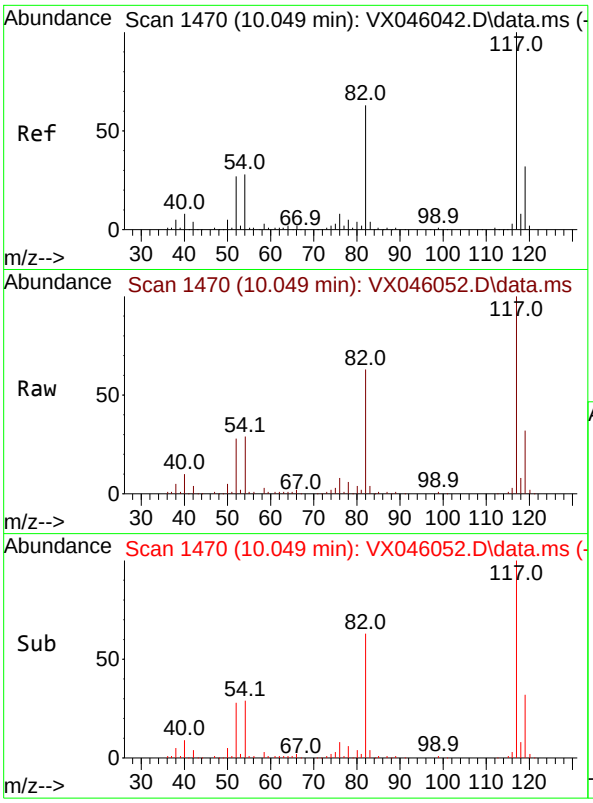


#62
4-Bromofluorobenzene
Concen: 49.679 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Tgt Ion: 95 Resp: 64799

Ion	Ratio	Lower	Upper
95	100		
174	68.3	0.0	135.8
176	66.3	0.0	131.4



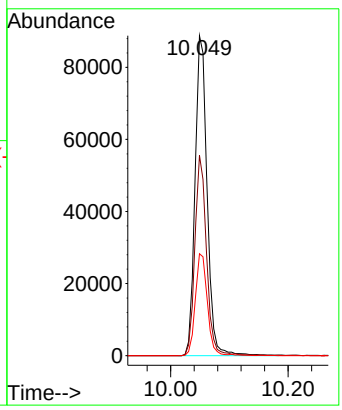


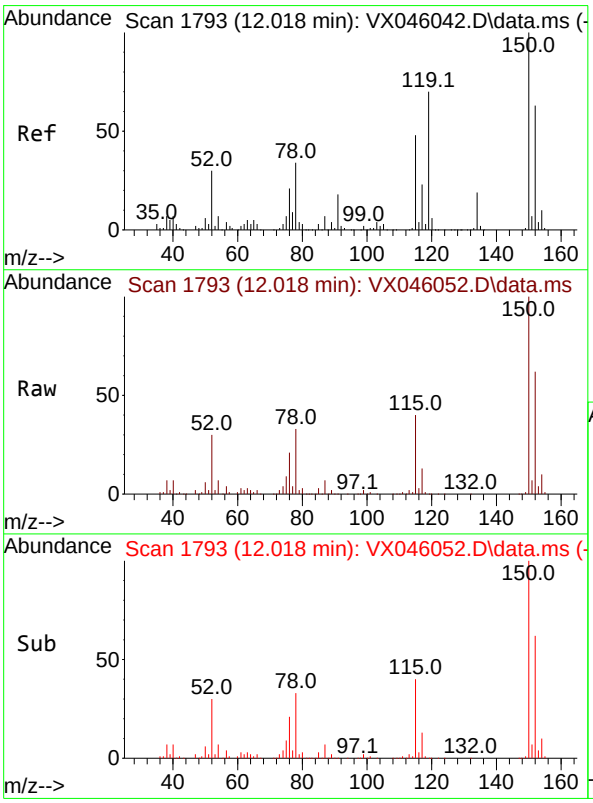
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

Tgt Ion:117 Resp: 126551

Ion	Ratio	Lower	Upper
117	100		
82	62.6	50.6	76.0
119	31.8	25.8	38.6

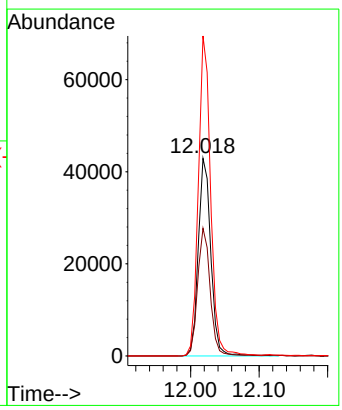




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Tgt Ion:152 Resp: 54743

Ion	Ratio	Lower	Upper
152	100		
115	64.8	46.9	140.7
150	158.6	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046052.D
Acq On : 06 May 2025 10:39
Operator : JC/MD
Sample : VX0506WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046052.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.258	23	28	34	rVB3	3615	6537	1.39%	0.259%
2	1.550	70	76	77	rBV3	3398	4820	1.03%	0.191%
3	5.379	694	704	716	rBV	56319	168290	35.79%	6.656%
4	5.544	721	731	748	rVV	78506	227924	48.48%	9.015%
5	5.952	788	798	817	rBV	66176	176964	37.64%	6.999%
6	6.757	921	930	951	rBV	140655	345848	73.56%	13.679%
7	8.647	1234	1240	1250	rBV	295223	470150	100.00%	18.596%
8	10.049	1465	1470	1485	rBV	307446	429030	91.25%	16.969%
9	11.079	1634	1639	1660	rBV	250058	323625	68.83%	12.800%
10	12.018	1788	1793	1807	rBV	299178	375091	79.78%	14.836%

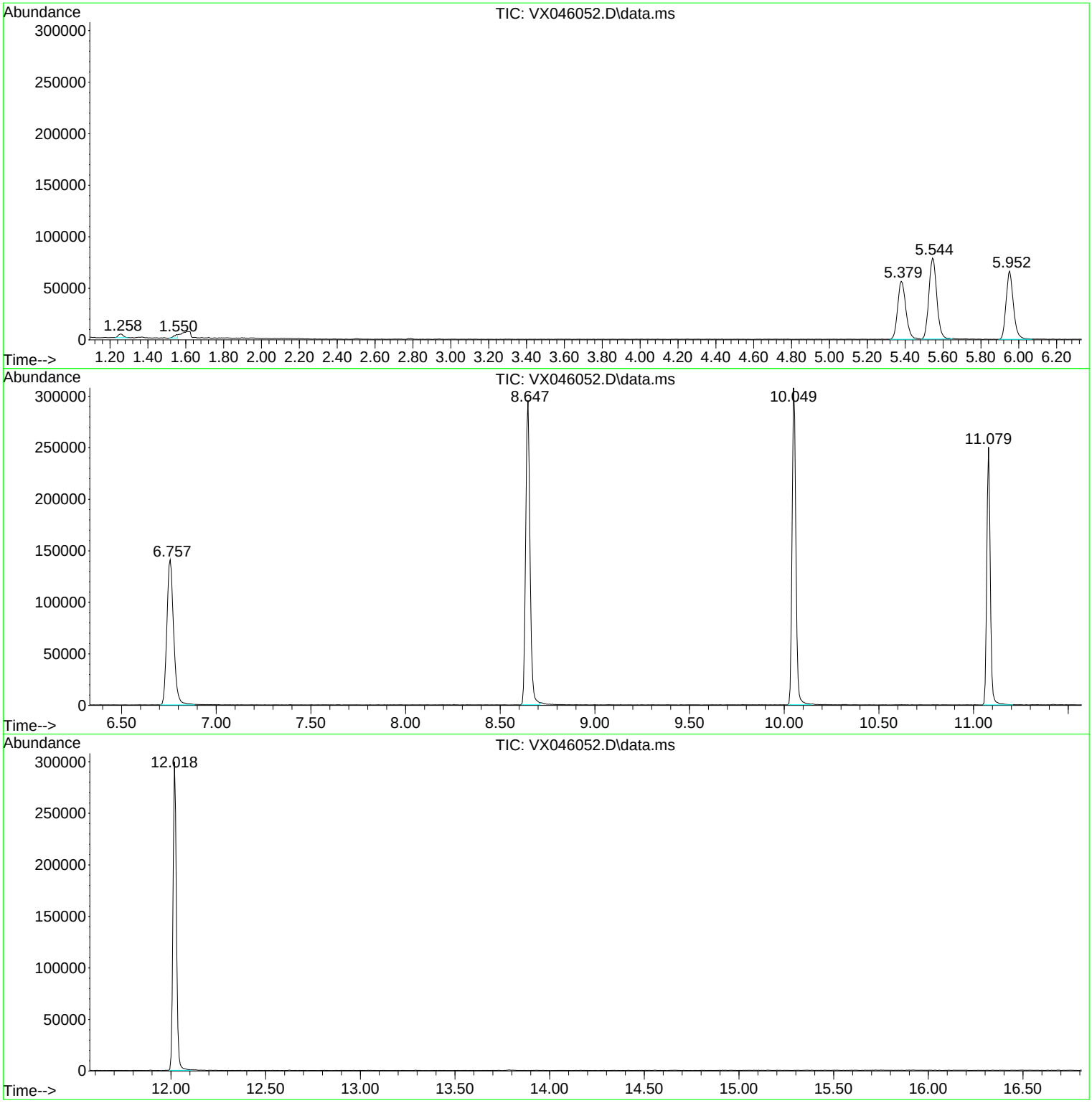
Sum of corrected areas: 2528279

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046052.D
Acq On : 06 May 2025 10:39
Operator : JC/MD
Sample : VX0506WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046052.D
Acq On : 06 May 2025 10:39
Operator : JC/MD
Sample : VX0506WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046052.D
Acq On : 06 May 2025 10:39
Operator : JC/MD
Sample : VX0506WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046053.D
Acq On : 06 May 2025 11:02
Operator : JC/MD
Sample : VX0506WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 01:44:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	94779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	165135	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80151	45.360	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.720%			
35) Dibromofluoromethane	5.379	113	53703	45.161	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.320%			
50) Toluene-d8	8.647	98	187513	45.559	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.120%			
62) 4-Bromofluorobenzene	11.079	95	70646	44.748	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	29842	20.571	ug/l	98
3) Chloromethane	1.307	50	26802	19.052	ug/l	98
4) Vinyl Chloride	1.374	62	24374	18.616	ug/l	99
5) Bromomethane	1.599	94	12247	20.168	ug/l	96
6) Chloroethane	1.679	64	14554	20.823	ug/l	90
7) Trichlorofluoromethane	1.880	101	37359	19.307	ug/l	95
8) Diethyl Ether	2.130	74	12265	18.620	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	22821	19.058	ug/l	99
10) Methyl Iodide	2.447	142	27504	19.411	ug/l	98
11) Tert butyl alcohol	2.965	59	24135	97.306	ug/l	99
12) 1,1-Dichloroethene	2.313	96	21026	18.709	ug/l	95
13) Acrolein	2.233	56	26013	92.092	ug/l	98
14) Allyl chloride	2.660	41	41294	19.226	ug/l	99
15) Acrylonitrile	3.062	53	68918	97.173	ug/l	99
16) Acetone	2.380	43	67239	94.906	ug/l	99
17) Carbon Disulfide	2.508	76	49862	18.714	ug/l	100
18) Methyl Acetate	2.703	43	31367	19.079	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	74958	19.024	ug/l	99
20) Methylene Chloride	2.782	84	24570	18.097	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	21368	18.906	ug/l	94
22) Diisopropyl ether	3.764	45	79380	19.133	ug/l	95
23) Vinyl Acetate	3.721	43	353300	96.818	ug/l	98
24) 1,1-Dichloroethane	3.605	63	45207	19.563	ug/l	98
25) 2-Butanone	4.556	43	100376	97.589	ug/l	97
26) 2,2-Dichloropropane	4.471	77	34362	18.998	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	25848	18.998	ug/l	99
28) Bromochloromethane	4.891	49	21769	19.571	ug/l	99
29) Tetrahydrofuran	5.007	42	64787	100.520	ug/l	98
30) Chloroform	5.086	83	47093	19.552	ug/l	94
31) Cyclohexane	5.464	56	39814	18.907	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	40799	19.540	ug/l	99
36) 1,1-Dichloropropene	5.690	75	29576	18.511	ug/l	97
37) Ethyl Acetate	4.715	43	37538	19.016	ug/l	99
38) Carbon Tetrachloride	5.672	117	34377	19.149	ug/l	97
39) Methylcyclohexane	7.373	83	37771	18.363	ug/l	97
40) Benzene	6.031	78	91272	19.503	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046053.D
Acq On : 06 May 2025 11:02
Operator : JC/MD
Sample : VX0506WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 01:44:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	21027	20.363	ug/l		98
42) 1,2-Dichloroethane	6.086	62	39648	19.630	ug/l		99
43) Isopropyl Acetate	6.342	43	57540	19.107	ug/l		100
44) Trichloroethene	7.123	130	21316	18.924	ug/l		93
45) 1,2-Dichloropropane	7.428	63	23126	19.873	ug/l		97
46) Dibromomethane	7.580	93	17557	19.129	ug/l		99
47) Bromodichloromethane	7.818	83	35558	19.670	ug/l		99
48) Methyl methacrylate	7.696	41	29597	19.244	ug/l		98
49) 1,4-Dioxane	7.659	88	12031	411.992	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	198101	99.102	ug/l		98
52) Toluene	8.714	92	56082	19.543	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	30141	18.759	ug/l		95
54) cis-1,3-Dichloropropene	8.366	75	34323	19.327	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	21969	19.416	ug/l		96
56) Ethyl methacrylate	9.116	69	35057	19.439	ug/l		99
57) 1,3-Dichloropropane	9.305	76	40197	19.781	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	77900	84.730	ug/l		99
59) 2-Hexanone	9.427	43	149133	100.840	ug/l		99
60) Dibromochloromethane	9.519	129	24935	20.066	ug/l		96
61) 1,2-Dibromoethane	9.610	107	22658	19.266	ug/l		96
64) Tetrachloroethene	9.269	164	18682	18.454	ug/l		96
65) Chlorobenzene	10.079	112	59206	18.906	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	20627	19.289	ug/l		99
67) Ethyl Benzene	10.189	91	107199	19.419	ug/l		99
68) m/p-Xylenes	10.299	106	79877	39.563	ug/l		100
69) o-Xylene	10.640	106	39534	20.085	ug/l		100
70) Styrene	10.653	104	63683	19.751	ug/l		98
71) Bromoform	10.799	173	14863	18.513	ug/l	#	95
73) Isopropylbenzene	10.957	105	102824	19.580	ug/l		100
74) N-amyl acetate	10.842	43	50404	19.424	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35972	19.547	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	30359m	18.698	ug/l		
77) Bromobenzene	11.195	156	23562	19.326	ug/l		98
78) n-propylbenzene	11.299	91	117723	19.279	ug/l		99
79) 2-Chlorotoluene	11.360	91	75252	19.107	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	88765	20.232	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	7991	16.023	ug/l		89
82) 4-Chlorotoluene	11.451	91	84322	19.306	ug/l		99
83) tert-Butylbenzene	11.713	119	85760	19.406	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	87102	19.605	ug/l		100
85) sec-Butylbenzene	11.890	105	106185	19.570	ug/l		99
86) p-Isopropyltoluene	12.006	119	86589	19.333	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	42117	18.928	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	42936	18.895	ug/l		98
89) n-Butylbenzene	12.329	91	73079	18.601	ug/l		99
90) Hexachloroethane	12.536	117	14865	18.839	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	43138	19.320	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7940	19.476	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	23280	18.153	ug/l		98
94) Hexachlorobutadiene	13.725	225	10620	18.961	ug/l		97
95) Naphthalene	13.774	128	85651	18.210	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	24052	18.176	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046053.D
Acq On : 06 May 2025 11:02
Operator : JC/MD
Sample : VX0506WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 01:44:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

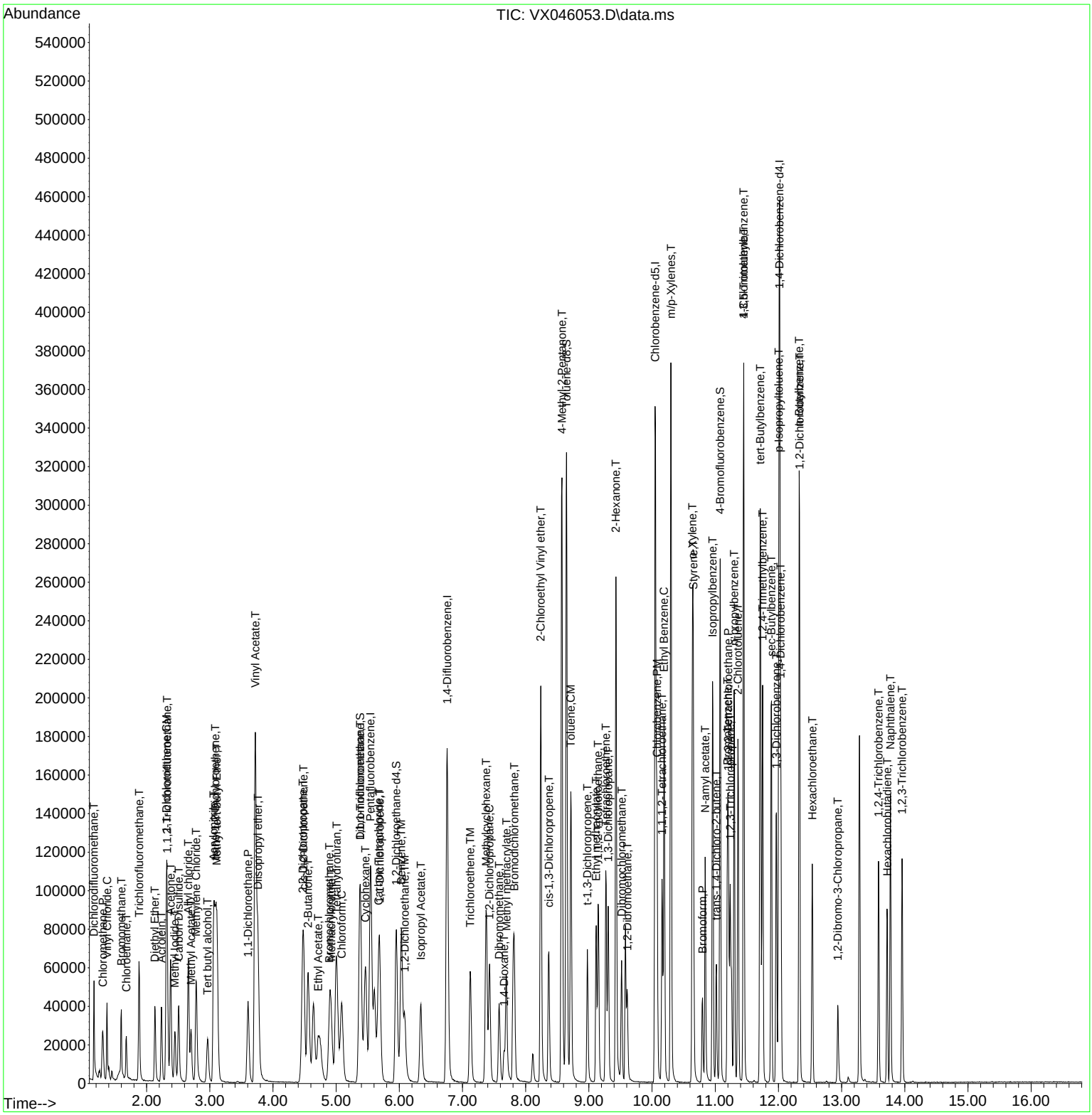
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046053.D
Acq On : 06 May 2025 11:02
Operator : JC/MD
Sample : VX0506WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 01:44:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046054.D
Acq On : 06 May 2025 11:29
Operator : JC/MD
Sample : VX0506WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 07 01:45:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	95217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	142687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81941	46.160	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.320%			
35) Dibromofluoromethane	5.379	113	55341	47.345	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.700%			
50) Toluene-d8	8.647	98	188671	46.635	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.280%			
62) 4-Bromofluorobenzene	11.079	95	71223	45.895	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	28815	19.772	ug/l	99
3) Chloromethane	1.307	50	26333	18.633	ug/l	95
4) Vinyl Chloride	1.374	62	23158	17.606	ug/l	97
5) Bromomethane	1.593	94	11526	18.893	ug/l	97
6) Chloroethane	1.672	64	13477	19.193	ug/l	93
7) Trichlorofluoromethane	1.880	101	37571	19.327	ug/l	97
8) Diethyl Ether	2.130	74	12373	18.697	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	22515	18.716	ug/l	99
10) Methyl Iodide	2.447	142	27209	19.115	ug/l	99
11) Tert butyl alcohol	2.965	59	24597	98.713	ug/l	99
12) 1,1-Dichloroethene	2.313	96	20675	18.312	ug/l	98
13) Acrolein	2.233	56	31582	111.293	ug/l	97
14) Allyl chloride	2.660	41	39928	18.504	ug/l	99
15) Acrylonitrile	3.062	53	71232	99.974	ug/l	98
16) Acetone	2.380	43	67868	95.353	ug/l	98
17) Carbon Disulfide	2.508	76	48023	17.941	ug/l	98
18) Methyl Acetate	2.703	43	33221	20.114	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	76135	19.234	ug/l	99
20) Methylene Chloride	2.782	84	25043	18.361	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	21153	18.630	ug/l	93
22) Diisopropyl ether	3.757	45	80331	19.273	ug/l	95
23) Vinyl Acetate	3.715	43	365269	99.638	ug/l	99
24) 1,1-Dichloroethane	3.605	63	44544	19.187	ug/l	98
25) 2-Butanone	4.550	43	103197	99.870	ug/l	98
26) 2,2-Dichloropropane	4.465	77	32599	17.940	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	25987	19.012	ug/l	99
28) Bromochloromethane	4.891	49	22078	19.757	ug/l	99
29) Tetrahydrofuran	5.001	42	64613	99.789	ug/l	99
30) Chloroform	5.086	83	46165	19.078	ug/l	93
31) Cyclohexane	5.464	56	39105	18.485	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	39607	18.882	ug/l	99
36) 1,1-Dichloropropene	5.684	75	29805	18.978	ug/l	99
37) Ethyl Acetate	4.715	43	38343	19.761	ug/l	99
38) Carbon Tetrachloride	5.666	117	33719	19.109	ug/l	98
39) Methylcyclohexane	7.373	83	37713	18.652	ug/l	98
40) Benzene	6.031	78	89819	19.525	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046054.D
Acq On : 06 May 2025 11:29
Operator : JC/MD
Sample : VX0506WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 07 01:45:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	22511	22.178	ug/l		97
42) 1,2-Dichloroethane	6.080	62	40112	20.204	ug/l		100
43) Isopropyl Acetate	6.336	43	60920	20.580	ug/l		99
44) Trichloroethene	7.123	130	21097	19.055	ug/l		91
45) 1,2-Dichloropropane	7.427	63	21717	18.986	ug/l		99
46) Dibromomethane	7.580	93	18104	20.067	ug/l		98
47) Bromodichloromethane	7.818	83	35459	19.956	ug/l		97
48) Methyl methacrylate	7.690	41	31471	20.817	ug/l		99
49) 1,4-Dioxane	7.659	88	12631	440.037	ug/l		99
51) 4-Methyl-2-Pentanone	8.568	43	205502	104.586	ug/l		98
52) Toluene	8.714	92	55937	19.831	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	31443	19.908	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	34562	19.799	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	22999	20.678	ug/l		97
56) Ethyl methacrylate	9.116	69	35980	20.297	ug/l		99
57) 1,3-Dichloropropane	9.305	76	39873	19.962	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	102755	113.701	ug/l		100
59) 2-Hexanone	9.427	43	154737	106.443	ug/l		98
60) Dibromochloromethane	9.519	129	24301	19.895	ug/l		98
61) 1,2-Dibromoethane	9.610	107	23894	20.669	ug/l		100
64) Tetrachloroethene	9.269	164	18597	18.421	ug/l		95
65) Chlorobenzene	10.073	112	59206	18.958	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	20507	19.230	ug/l		99
67) Ethyl Benzene	10.189	91	105901	19.237	ug/l		99
68) m/p-Xylenes	10.299	106	78722	39.098	ug/l		99
69) o-Xylene	10.640	106	38492	19.609	ug/l		96
70) Styrene	10.653	104	64448	20.043	ug/l		100
71) Bromoform	10.799	173	15529	19.395	ug/l	#	98
73) Isopropylbenzene	10.957	105	103246	19.588	ug/l		99
74) N-amyl acetate	10.842	43	51152	19.639	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	36831	19.940	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	31853m	19.546	ug/l		
77) Bromobenzene	11.195	156	23199	18.958	ug/l		99
78) n-propylbenzene	11.299	91	118537	19.341	ug/l		99
79) 2-Chlorotoluene	11.360	91	75397	19.073	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	86752	19.701	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8682	17.345	ug/l		90
82) 4-Chlorotoluene	11.451	91	84871	19.360	ug/l		99
83) tert-Butylbenzene	11.713	119	86117	19.415	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	86058	19.299	ug/l		98
85) sec-Butylbenzene	11.890	105	105506	19.373	ug/l		99
86) p-Isopropyltoluene	12.006	119	87277	19.415	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	42566	19.060	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	43489	19.068	ug/l		99
89) n-Butylbenzene	12.329	91	75753	19.211	ug/l		98
90) Hexachloroethane	12.536	117	14586	18.417	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	44477	19.846	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8331	20.360	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	24099	18.722	ug/l		98
94) Hexachlorobutadiene	13.725	225	10992	19.553	ug/l		97
95) Naphthalene	13.774	128	89284	18.912	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	24772	18.651	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046054.D
Acq On : 06 May 2025 11:29
Operator : JC/MD
Sample : VX0506WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 07 01:45:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

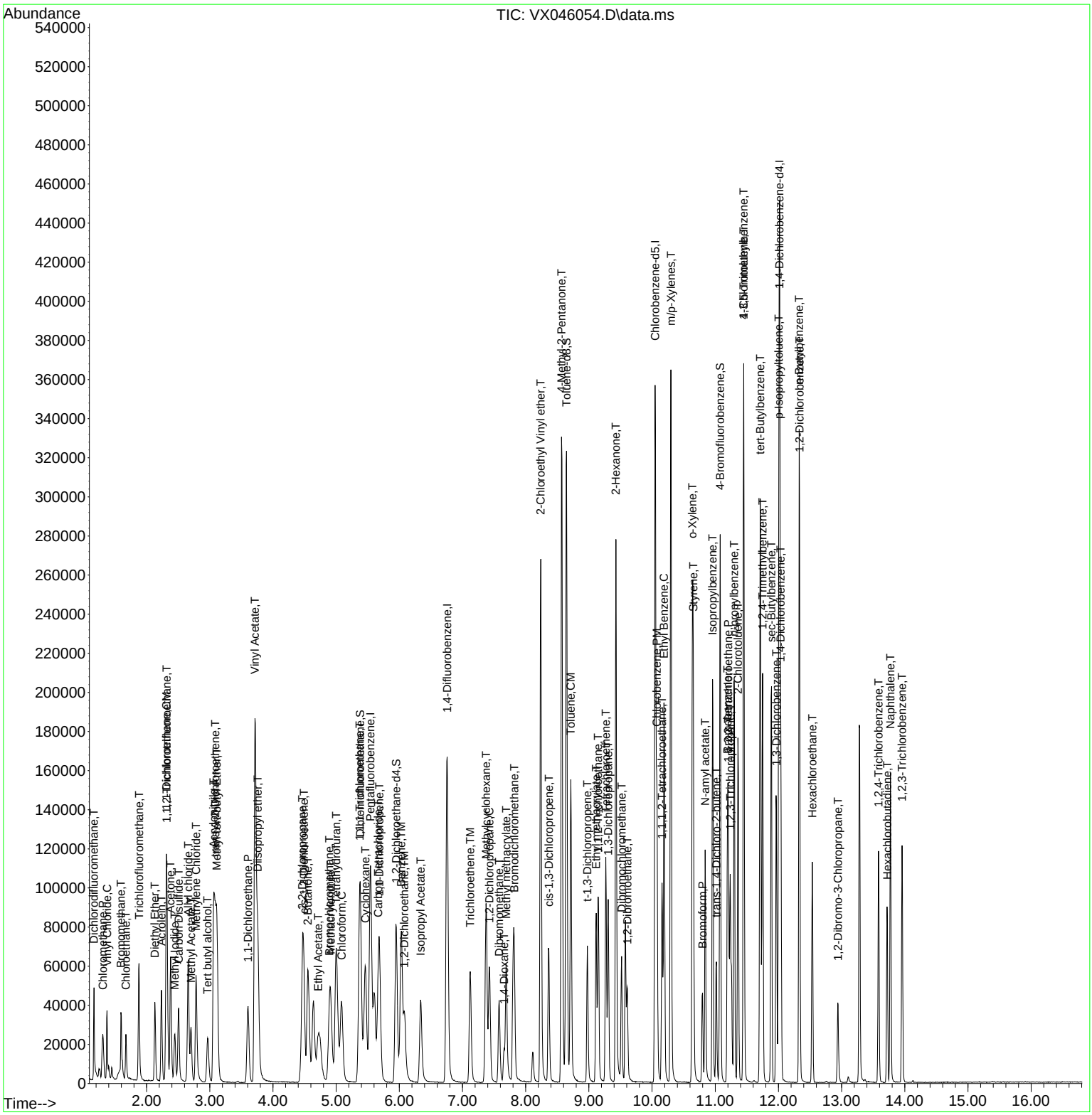
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046054.D
Acq On : 06 May 2025 11:29
Operator : JC/MD
Sample : VX0506WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 07 01:45:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



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Manual Integration Report

Sequence:	VX050525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC020	VX046041.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:13 AM	MMDadoda	5/6/2025 12:42:46 PM	Peak Integrated by Software
VSTDICCC050	VX046042.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:18 AM	MMDadoda	5/6/2025 12:42:48 PM	Peak Integrated by Software
VSTDICC100	VX046043.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:22 AM	MMDadoda	5/6/2025 12:42:50 PM	Peak Integrated by Software
VSTDICC150	VX046044.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:27 AM	MMDadoda	5/6/2025 12:42:53 PM	Peak Integrated by Software
VSTDICC005	VX046046.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:32 AM	MMDadoda	5/6/2025 12:42:56 PM	Peak Integrated by Software
VSTDICC005	VX046046.D	Ethyl Acetate	JOHN	5/6/2025 9:53:32 AM	MMDadoda	5/6/2025 12:42:56 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	1,4-Dichlorobenzene	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	Bromochloromethane	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	Ethyl Acetate	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	Methyl methacrylate	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICV050	VX046048.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:45 AM	MMDadoda	5/6/2025 12:41:37 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX050525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	VX050625	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046050.D	1,2,3-Trichloropropane	JOHN	5/7/2025 9:45:18 AM	MMDadoda	5/7/2025 1:28:37 PM	Peak Integrated by Software
VX0506WBS01	VX046053.D	1,2,3-Trichloropropane	JOHN	5/7/2025 9:45:22 AM	MMDadoda	5/7/2025 1:28:34 PM	Peak Integrated by Software
VX0506WBSD01	VX046054.D	1,2,3-Trichloropropane	JOHN	5/7/2025 9:45:27 AM	MMDadoda	5/7/2025 1:28:31 PM	Peak Integrated by Software
VSTDCCC050	VX046066.D	1,2,3-Trichloropropane	JOHN	5/7/2025 9:45:43 AM	MMDadoda	5/7/2025 1:28:18 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050525

Review By	John Carlone	Review On	5/6/2025 9:53:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/6/2025 12:43:00 PM		
SubDirectory	VX050525	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133811
Initial Calibration Stds	VP133832,VP133833,VP133834,VP133835,VP133836,VP133837
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP133838
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046038.D	05 May 2025 09:37	JC/MD	Ok
2	VSTDICC001	VX046039.D	05 May 2025 10:49	JC/MD	Not Ok
3	VSTDICC005	VX046040.D	05 May 2025 11:12	JC/MD	Not Ok
4	VSTDICC020	VX046041.D	05 May 2025 11:35	JC/MD	Ok,M
5	VSTDICCC050	VX046042.D	05 May 2025 11:58	JC/MD	Ok,M
6	VSTDICC100	VX046043.D	05 May 2025 12:21	JC/MD	Ok,M
7	VSTDICC150	VX046044.D	05 May 2025 12:45	JC/MD	Ok,M
8	IBLK	VX046045.D	05 May 2025 13:08	JC/MD	Ok
9	VSTDICC005	VX046046.D	05 May 2025 16:04	JC/MD	Ok,M
10	VSTDICC001	VX046047.D	05 May 2025 16:27	JC/MD	Ok,M
11	VSTDICV050	VX046048.D	05 May 2025 16:50	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050625

Review By	John Carlone	Review On	5/7/2025 9:47:51 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/7/2025 1:28:40 PM		
SubDirectory	VX050625	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133829
Initial Calibration Stds	
CCC	VP133830,VP133831
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046049.D	06 May 2025 09:07	JC/MD	Ok
2	VSTDCCC050	VX046050.D	06 May 2025 09:48	JC/MD	Ok,M
3	VX0506MBL01	VX046051.D	06 May 2025 10:15	JC/MD	Ok
4	VX0506WBL01	VX046052.D	06 May 2025 10:39	JC/MD	Ok
5	VX0506WBS01	VX046053.D	06 May 2025 11:02	JC/MD	Ok,M
6	VX0506WBSD01	VX046054.D	06 May 2025 11:29	JC/MD	Ok,M
7	Q1945-01	VX046055.D	06 May 2025 11:52	JC/MD	Ok
8	Q1945-02	VX046056.D	06 May 2025 12:15	JC/MD	Ok
9	IBLK	VX046057.D	06 May 2025 12:39	JC/MD	Ok
10	IBLK	VX046058.D	06 May 2025 13:02	JC/MD	Ok
11	PB167852TB	VX046059.D	06 May 2025 13:25	JC/MD	Ok
12	PB167852ZHE#01	VX046060.D	06 May 2025 13:48	JC/MD	Ok
13	PB167852ZHE#02	VX046061.D	06 May 2025 14:12	JC/MD	Ok
14	PB167852ZHE#03	VX046062.D	06 May 2025 14:35	JC/MD	Ok
15	PB167852ZHE#04	VX046063.D	06 May 2025 14:58	JC/MD	Ok
16	PB167852ZHE#05	VX046064.D	06 May 2025 15:22	JC/MD	Ok,M
17	PB167852ZHE#06	VX046065.D	06 May 2025 15:45	JC/MD	Ok,M
18	VSTDCCC050	VX046066.D	06 May 2025 16:17	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050525

Review By	John Carlone	Review On	5/6/2025 9:53:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/6/2025 12:43:00 PM		
SubDirectory	VX050525	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133811
Initial Calibration Stds	VP133832,VP133833,VP133834,VP133835,VP133836,VP133837
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP133838
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046038.D	05 May 2025 09:37		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046039.D	05 May 2025 10:49	Not used	JC/MD	Not Ok
3	VSTDICC005	VSTDICC005	VX046040.D	05 May 2025 11:12	Not used	JC/MD	Not Ok
4	VSTDICC020	VSTDICC020	VX046041.D	05 May 2025 11:35		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX046042.D	05 May 2025 11:58		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX046043.D	05 May 2025 12:21		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX046044.D	05 May 2025 12:45		JC/MD	Ok,M
8	IBLK	IBLK	VX046045.D	05 May 2025 13:08		JC/MD	Ok
9	VSTDICC005	VSTDICC005	VX046046.D	05 May 2025 16:04		JC/MD	Ok,M
10	VSTDICC001	VSTDICC001	VX046047.D	05 May 2025 16:27		JC/MD	Ok,M
11	VSTDICV050	ICVVX050525	VX046048.D	05 May 2025 16:50		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050625

Review By	John Carlone	Review On	5/7/2025 9:47:51 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/7/2025 1:28:40 PM		
SubDirectory	VX050625	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133829
Initial Calibration Stds	
CCC	VP133830,VP133831
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046049.D	06 May 2025 09:07		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046050.D	06 May 2025 09:48	pH#Lot#V12668	JC/MD	Ok,M
3	VX0506MBL01	VX0506MBL01	VX046051.D	06 May 2025 10:15		JC/MD	Ok
4	VX0506WBL01	VX0506WBL01	VX046052.D	06 May 2025 10:39		JC/MD	Ok
5	VX0506WBS01	VX0506WBS01	VX046053.D	06 May 2025 11:02		JC/MD	Ok,M
6	VX0506WBSD01	VX0506WBSD01	VX046054.D	06 May 2025 11:29		JC/MD	Ok,M
7	Q1945-01	GB1W	VX046055.D	06 May 2025 11:52	vial A pH<2	JC/MD	Ok
8	Q1945-02	GB3W	VX046056.D	06 May 2025 12:15	vial A+B pH<2	JC/MD	Ok
9	IBLK	IBLK	VX046057.D	06 May 2025 12:39		JC/MD	Ok
10	IBLK	IBLK	VX046058.D	06 May 2025 13:02		JC/MD	Ok
11	PB167852TB	PB167852TB	VX046059.D	06 May 2025 13:25		JC/MD	Ok
12	PB167852ZHE#01	PB167852ZHE#01	VX046060.D	06 May 2025 13:48		JC/MD	Ok
13	PB167852ZHE#02	PB167852ZHE#02	VX046061.D	06 May 2025 14:12		JC/MD	Ok
14	PB167852ZHE#03	PB167852ZHE#03	VX046062.D	06 May 2025 14:35		JC/MD	Ok
15	PB167852ZHE#04	PB167852ZHE#04	VX046063.D	06 May 2025 14:58		JC/MD	Ok
16	PB167852ZHE#05	PB167852ZHE#05	VX046064.D	06 May 2025 15:22		JC/MD	Ok,M
17	PB167852ZHE#06	PB167852ZHE#06	VX046065.D	06 May 2025 15:45		JC/MD	Ok,M
18	VSTDCCC050	VSTDCCC050EC	VX046066.D	06 May 2025 16:17		JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050625

Review By	John Carlone	Review On	5/7/2025 9:47:51 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/7/2025 1:28:40 PM		
SubDirectory	VX050625	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133829
Initial Calibration Stds	
CCC	VP133830,VP133831
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q1945	**OrderDate:**	5/2/2025 11:14:00 AM
Client:	G Environmental	**Project:**	Amsterdam
Contact:	Gary Landis	**Location:**	L41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1945-01	**GB1W**	**Water**			**05/02/25**			**05/02/25**
			VOCMS Group1	8260-Low			05/06/25	
Q1945-02	**GB3W**	**Water**			**05/02/25**			**05/02/25**
			VOCMS Group1	8260-Low			05/06/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1945

Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : GB1W									
Q1945-01	GB1W	WATER	Caprolactam		140.000	E	1.2	10.4	ug/L
			Total Svoc :		**140.00**				
Q1945-01	GB1W	WATER	Ethanol, 1-(2-butoxyethoxy)-	*	14.300	J	0	0	ug/L
Q1945-01	GB1W	WATER	n-Hexadecanoic acid	*	14.600	J	0	0	ug/L
Q1945-01	GB1W	WATER	Octadecanoic acid	*	5.400	J	0	0	ug/L
Q1945-01	GB1W	WATER	unknown16.598	*	4.100	J	0	0	ug/L
Q1945-01	GB1W	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.300	AB	0	0	ug/L
Q1945-01	GB1W	WATER	Benzophenone	*	3.900	J	0	0	ug/L
			Total Tics :		**46.60**				
			Total Concentration:		**186.60**				
Client ID : GB1WDL									
Q1945-01DL	GB1WDL	WATER	Caprolactam		120.000	D	5.9	52.1	ug/L
			Total Svoc :		**120.00**				
			Total Concentration:		**120.00**				
Client ID : GB3W									
Q1945-02	GB3W	WATER	Caprolactam		190.000	E	1.3	11.9	ug/L
			Total Svoc :		**190.00**				
Q1945-02	GB3W	WATER	Benzene, (2-methyl-1-butenyl)-	*	4.700	J	0	0	ug/L
Q1945-02	GB3W	WATER	Benzene, 1-ethyl-2,4-dimethyl-	*	5.900	J	0	0	ug/L
Q1945-02	GB3W	WATER	Benzene, 1-methyl-2-(2-propenyl)	*	8.700	J	0	0	ug/L
Q1945-02	GB3W	WATER	Benzene, pentamethyl-	*	4.800	J	0	0	ug/L
Q1945-02	GB3W	WATER	Benzophenone	*	6.800	J	0	0	ug/L
Q1945-02	GB3W	WATER	1H-Inden-1-one, 2,3-dihydro-	*	6.400	J	0	0	ug/L
Q1945-02	GB3W	WATER	1H-Indene, 2,3-dihydro-4,7-dimet	*	4.300	J	0	0	ug/L
Q1945-02	GB3W	WATER	1-Hydroxy-4-methyl-2-oxo-1,2-di	*	6.100	J	0	0	ug/L
Q1945-02	GB3W	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	9.000	AB	0	0	ug/L
Q1945-02	GB3W	WATER	Carbonic acid, eicosyl vinyl ester	*	5.100	J	0	0	ug/L
Q1945-02	GB3W	WATER	Naphthalene, 1,6,7-trimethyl-	*	5.300	J	0	0	ug/L
Q1945-02	GB3W	WATER	Naphthalene, 2,3,6-trimethyl-	*	5.300	J	0	0	ug/L
Q1945-02	GB3W	WATER	Naphthalene, 2,7-dimethyl-	*	6.600	J	0	0	ug/L
Q1945-02	GB3W	WATER	n-Hexadecanoic acid	*	15.500	J	0	0	ug/L
Q1945-02	GB3W	WATER	Octadecanoic acid	*	5.400	J	0	0	ug/L
Q1945-02	GB3W	WATER	Tridecane	*	5.400	J	0	0	ug/L
Q1945-02	GB3W	WATER	Tridecane, 2-methyl-	*	7.400	J	0	0	ug/L
Q1945-02	GB3W	WATER	Tridecane, 3-methyl-	*	17.600	J	0	0	ug/L
Q1945-02	GB3W	WATER	unknown12.398	*	8.000	J	0	0	ug/L
Q1945-02	GB3W	WATER	unknown12.933	*	6.400	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q1945

Client: G Environmental

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	**144.70**				
			Total Concentration:	**334.70**				
Client ID :	**GB3WDL**							
Q1945-02DL	GB3WDL	WATER	Caprolactam	170.000	D	6.7	59.5	ug/L
			Total Svoc :	**170.00**				
			Total Concentration:	**170.00**				

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB1W	SDG No.:	Q1945
Lab Sample ID:	Q1945-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050134.D	1	05/07/25 08:53	05/07/25 14:26	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.4	ug/L
62-53-3	Aniline	1.50	U	1.50	5.20	ug/L
108-95-2	Phenol	0.95	U	0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.84	U	0.84	5.20	ug/L
95-57-8	2-Chlorophenol	0.60	U	0.60	5.20	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.20	ug/L
98-86-2	Acetophenone	0.77	U	0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	0.68	U	0.68	5.20	ug/L
98-95-3	Nitrobenzene	0.79	U	0.79	5.20	ug/L
78-59-1	Isophorone	0.78	U	0.78	5.20	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.71	U	0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	0.54	U	0.54	5.20	ug/L
91-20-3	Naphthalene	0.52	U	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	0.88	UQ	0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	0.56	U	0.56	5.20	ug/L
105-60-2	Caprolactam	140	E	1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	0.61	U	0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	0.58	U	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	3.80	U	3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	0.53	U	0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	0.65	U	0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	0.55	U	0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	0.64	U	0.64	5.20	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.20	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	05/02/25
Project:	Amsterdam			Date Received:	05/02/25
Client Sample ID:	GB1W			SDG No.:	Q1945
Lab Sample ID:	Q1945-01			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050134.D	1	05/07/25 08:53	05/07/25 14:26	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	0.64	U	0.64	5.20	ug/L
208-96-8	Acenaphthylene	0.78	U	0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	0.96	U	0.96	5.20	ug/L
99-09-2	3-Nitroaniline	1.10	UQ	1.10	5.20	ug/L
83-32-9	Acenaphthene	0.57	U	0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	6.20	U	6.20	10.4	ug/L
100-02-7	4-Nitrophenol	2.50	U	2.50	10.4	ug/L
132-64-9	Dibenzofuran	0.64	U	0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	1.30	U	1.30	5.20	ug/L
84-66-2	Diethylphthalate	0.72	U	0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.71	U	0.71	5.20	ug/L
86-73-7	Fluorene	0.66	U	0.66	5.20	ug/L
100-01-6	4-Nitroaniline	1.60	U	1.60	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	3.00	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	0.60	U	0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	0.42	U	0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	0.54	U	0.54	5.20	ug/L
1912-24-9	Atrazine	1.10	U	1.10	5.20	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.4	ug/L
85-01-8	Phenanthrene	0.52	U	0.52	5.20	ug/L
120-12-7	Anthracene	0.64	U	0.64	5.20	ug/L
86-74-8	Carbazole	0.75	U	0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	1.30	U	1.30	5.20	ug/L
206-44-0	Fluoranthene	0.85	U	0.85	5.20	ug/L
129-00-0	Pyrene	0.52	U	0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	2.00	U	2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	0.97	UQ	0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	0.47	U	0.47	5.20	ug/L
218-01-9	Chrysene	0.46	U	0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.4	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	05/02/25
Project:	Amsterdam			Date Received:	05/02/25
Client Sample ID:	GB1W			SDG No.:	Q1945
Lab Sample ID:	Q1945-01			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050134.D	1	05/07/25 08:53	05/07/25 14:26	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
205-99-2	Benzo(b)fluoranthene	0.51	U	0.51	5.20	ug/L
207-08-9	Benzo(k)fluoranthene	0.50	U	0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	0.57	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.70	U	0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	0.72	U	0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.54	U	0.54	5.20	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.75	U	0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	72.9		15 (10) - 110 (139)	49%	SPK: 150
13127-88-3	Phenol-d6	45.5		15 (10) - 110 (134)	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.8		30 (49) - 130 (133)	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.9		30 (52) - 130 (132)	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	161		15 (44) - 110 (137)	107%	SPK: 150
1718-51-0	Terphenyl-d14	92.5		30 (48) - 130 (125)	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	277000	7.746			
1146-65-2	Naphthalene-d8	995000	10.54			
15067-26-2	Acenaphthene-d10	676000	14.392			
1517-22-2	Phenanthrene-d10	1360000	17.145			
1719-03-5	Chrysene-d12	1250000	21.392			
1520-96-3	Perylene-d12	1280000	24.386			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.30	AB		4.86	ug/L
054446-78-5	Ethanol, 1-(2-butoxyethoxy)-	14.3	J		10.3	ug/L
000119-61-9	Benzophenone	3.90	J		15.8	ug/L
	unknown16.598	4.10	J		16.6	ug/L
000057-10-3	n-Hexadecanoic acid	14.6	J		18.0	ug/L
000057-11-4	Octadecanoic acid	5.40	J		19.3	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	05/02/25
Project:	Amsterdam			Date Received:	05/02/25
Client Sample ID:	GB1W			SDG No.:	Q1945
Lab Sample ID:	Q1945-01			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050134.D	1	05/07/25 08:53	05/07/25 14:26	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB1WDL	SDG No.:	Q1945
Lab Sample ID:	Q1945-01DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050137.D	5	05/07/25 08:53	05/07/25 16:24	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	20.4	UD	20.4	52.1	ug/L
62-53-3	Aniline	7.70	UD	7.70	26.0	ug/L
108-95-2	Phenol	4.70	UD	4.70	26.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.20	UD	4.20	26.0	ug/L
95-57-8	2-Chlorophenol	3.00	UD	3.00	26.0	ug/L
95-48-7	2-Methylphenol	5.80	UD	5.80	26.0	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	6.70	UD	6.70	26.0	ug/L
98-86-2	Acetophenone	3.90	UD	3.90	26.0	ug/L
65794-96-9	3+4-Methylphenols	5.70	UD	5.70	52.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	7.30	UD	7.30	13.0	ug/L
67-72-1	Hexachloroethane	3.40	UD	3.40	26.0	ug/L
98-95-3	Nitrobenzene	4.00	UD	4.00	26.0	ug/L
78-59-1	Isophorone	3.90	UD	3.90	26.0	ug/L
88-75-5	2-Nitrophenol	9.20	UD	9.20	26.0	ug/L
105-67-9	2,4-Dimethylphenol	9.60	UD	9.60	26.0	ug/L
111-91-1	bis(2-Chloroethoxy)methane	3.50	UD	3.50	26.0	ug/L
120-83-2	2,4-Dichlorophenol	2.70	UD	2.70	26.0	ug/L
91-20-3	Naphthalene	2.60	UD	2.60	26.0	ug/L
106-47-8	4-Chloroaniline	4.40	UDQ	4.40	26.0	ug/L
87-68-3	Hexachlorobutadiene	2.80	UD	2.80	26.0	ug/L
105-60-2	Caprolactam	120	D	5.90	52.1	ug/L
59-50-7	4-Chloro-3-methylphenol	3.10	UD	3.10	26.0	ug/L
91-57-6	2-Methylnaphthalene	2.90	UD	2.90	26.0	ug/L
77-47-4	Hexachlorocyclopentadiene	18.9	UD	18.9	52.1	ug/L
88-06-2	2,4,6-Trichlorophenol	2.70	UD	2.70	26.0	ug/L
95-95-4	2,4,5-Trichlorophenol	3.20	UD	3.20	26.0	ug/L
92-52-4	1,1-Biphenyl	2.80	UD	2.80	26.0	ug/L
91-58-7	2-Chloronaphthalene	3.20	UD	3.20	26.0	ug/L
88-74-4	2-Nitroaniline	6.60	UD	6.60	26.0	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB1WDL	SDG No.:	Q1945
Lab Sample ID:	Q1945-01DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050137.D	5	05/07/25 08:53	05/07/25 16:24	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	3.20	UD	3.20	26.0	ug/L
208-96-8	Acenaphthylene	3.90	UD	3.90	26.0	ug/L
606-20-2	2,6-Dinitrotoluene	4.80	UD	4.80	26.0	ug/L
99-09-2	3-Nitroaniline	5.50	UDQ	5.50	26.0	ug/L
83-32-9	Acenaphthene	2.90	UD	2.90	26.0	ug/L
51-28-5	2,4-Dinitrophenol	31.1	UD	31.1	52.1	ug/L
100-02-7	4-Nitrophenol	12.4	UD	12.4	52.1	ug/L
132-64-9	Dibenzofuran	3.20	UD	3.20	26.0	ug/L
121-14-2	2,4-Dinitrotoluene	6.40	UD	6.40	26.0	ug/L
84-66-2	Diethylphthalate	3.60	UD	3.60	26.0	ug/L
7005-72-3	4-Chlorophenyl-phenylether	3.50	UD	3.50	26.0	ug/L
86-73-7	Fluorene	3.30	UD	3.30	26.0	ug/L
100-01-6	4-Nitroaniline	7.80	UD	7.80	26.0	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	15.0	UD	15.0	52.1	ug/L
86-30-6	n-Nitrosodiphenylamine	3.00	UD	3.00	26.0	ug/L
101-55-3	4-Bromophenyl-phenylether	2.10	UD	2.10	26.0	ug/L
118-74-1	Hexachlorobenzene	2.70	UD	2.70	26.0	ug/L
1912-24-9	Atrazine	5.30	UD	5.30	26.0	ug/L
87-86-5	Pentachlorophenol	8.20	UD	8.20	52.1	ug/L
85-01-8	Phenanthrene	2.60	UD	2.60	26.0	ug/L
120-12-7	Anthracene	3.20	UD	3.20	26.0	ug/L
86-74-8	Carbazole	3.80	UD	3.80	26.0	ug/L
84-74-2	Di-n-butylphthalate	6.40	UD	6.40	26.0	ug/L
206-44-0	Fluoranthene	4.30	UD	4.30	26.0	ug/L
129-00-0	Pyrene	2.60	UD	2.60	26.0	ug/L
85-68-7	Butylbenzylphthalate	10.1	UD	10.1	26.0	ug/L
91-94-1	3,3-Dichlorobenzidine	4.80	UDQ	4.80	52.1	ug/L
56-55-3	Benzo(a)anthracene	2.30	UD	2.30	26.0	ug/L
218-01-9	Chrysene	2.30	UD	2.30	26.0	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	8.30	UD	8.30	26.0	ug/L
117-84-0	Di-n-octyl phthalate	12.2	UD	12.2	52.1	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	05/02/25
Project:	Amsterdam			Date Received:	05/02/25
Client Sample ID:	GB1WDL			SDG No.:	Q1945
Lab Sample ID:	Q1945-01DL			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050137.D	5	05/07/25 08:53	05/07/25 16:24	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
205-99-2	Benzo(b)fluoranthene	2.60	UD	2.60	26.0	ug/L
207-08-9	Benzo(k)fluoranthene	2.50	UD	2.50	26.0	ug/L
50-32-8	Benzo(a)pyrene	2.90	UD	2.90	26.0	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.10	UD	3.10	26.0	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.50	UD	3.50	26.0	ug/L
191-24-2	Benzo(g,h,i)perylene	3.60	UD	3.60	26.0	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.70	UD	2.70	26.0	ug/L
123-91-1	1,4-Dioxane	5.20	UD	5.20	26.0	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.80	UD	3.80	26.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	71.2		15 (10) - 110 (139)	47%	SPK: 150
13127-88-3	Phenol-d6	39.7		15 (10) - 110 (134)	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.4		30 (49) - 130 (133)	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.5		30 (52) - 130 (132)	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		15 (44) - 110 (137)	89%	SPK: 150
1718-51-0	Terphenyl-d14	80.2		30 (48) - 130 (125)	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	238000	7.746			
1146-65-2	Naphthalene-d8	834000	10.54			
15067-26-2	Acenaphthene-d10	563000	14.392			
1517-22-2	Phenanthrene-d10	1150000	17.145			
1719-03-5	Chrysene-d12	1120000	21.392			
1520-96-3	Perylene-d12	1140000	24.386			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB3W	SDG No.:	Q1945
Lab Sample ID:	Q1945-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	840 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050135.D	1	05/07/25 08:53	05/07/25 15:05	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.70	U	4.70	11.9	ug/L
62-53-3	Aniline	1.80	U	1.80	6.00	ug/L
108-95-2	Phenol	1.10	U	1.10	6.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.96	U	0.96	6.00	ug/L
95-57-8	2-Chlorophenol	0.69	U	0.69	6.00	ug/L
95-48-7	2-Methylphenol	1.30	U	1.30	6.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.50	U	1.50	6.00	ug/L
98-86-2	Acetophenone	0.88	U	0.88	6.00	ug/L
65794-96-9	3+4-Methylphenols	1.30	U	1.30	11.9	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.70	U	1.70	3.00	ug/L
67-72-1	Hexachloroethane	0.77	U	0.77	6.00	ug/L
98-95-3	Nitrobenzene	0.90	U	0.90	6.00	ug/L
78-59-1	Isophorone	0.89	U	0.89	6.00	ug/L
88-75-5	2-Nitrophenol	2.10	U	2.10	6.00	ug/L
105-67-9	2,4-Dimethylphenol	2.20	U	2.20	6.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.81	U	0.81	6.00	ug/L
120-83-2	2,4-Dichlorophenol	0.62	U	0.62	6.00	ug/L
91-20-3	Naphthalene	0.60	U	0.60	6.00	ug/L
106-47-8	4-Chloroaniline	1.00	UQ	1.00	6.00	ug/L
87-68-3	Hexachlorobutadiene	0.64	U	0.64	6.00	ug/L
105-60-2	Caprolactam	190	E	1.30	11.9	ug/L
59-50-7	4-Chloro-3-methylphenol	0.70	U	0.70	6.00	ug/L
91-57-6	2-Methylnaphthalene	0.67	U	0.67	6.00	ug/L
77-47-4	Hexachlorocyclopentadiene	4.30	U	4.30	11.9	ug/L
88-06-2	2,4,6-Trichlorophenol	0.61	U	0.61	6.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.74	U	0.74	6.00	ug/L
92-52-4	1,1-Biphenyl	0.63	U	0.63	6.00	ug/L
91-58-7	2-Chloronaphthalene	0.73	U	0.73	6.00	ug/L
88-74-4	2-Nitroaniline	1.50	U	1.50	6.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	05/02/25
Project:	Amsterdam			Date Received:	05/02/25
Client Sample ID:	GB3W			SDG No.:	Q1945
Lab Sample ID:	Q1945-02			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	840	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050135.D	1	05/07/25 08:53	05/07/25 15:05	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	0.73	U	0.73	6.00	ug/L
208-96-8	Acenaphthylene	0.89	U	0.89	6.00	ug/L
606-20-2	2,6-Dinitrotoluene	1.10	U	1.10	6.00	ug/L
99-09-2	3-Nitroaniline	1.30	UQ	1.30	6.00	ug/L
83-32-9	Acenaphthene	0.65	U	0.65	6.00	ug/L
51-28-5	2,4-Dinitrophenol	7.10	U	7.10	11.9	ug/L
100-02-7	4-Nitrophenol	2.80	U	2.80	11.9	ug/L
132-64-9	Dibenzofuran	0.73	U	0.73	6.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	6.00	ug/L
84-66-2	Diethylphthalate	0.82	U	0.82	6.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.81	U	0.81	6.00	ug/L
86-73-7	Fluorene	0.75	U	0.75	6.00	ug/L
100-01-6	4-Nitroaniline	1.80	U	1.80	6.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.40	U	3.40	11.9	ug/L
86-30-6	n-Nitrosodiphenylamine	0.69	U	0.69	6.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.48	U	0.48	6.00	ug/L
118-74-1	Hexachlorobenzene	0.62	U	0.62	6.00	ug/L
1912-24-9	Atrazine	1.20	U	1.20	6.00	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	11.9	ug/L
85-01-8	Phenanthrene	0.60	U	0.60	6.00	ug/L
120-12-7	Anthracene	0.73	U	0.73	6.00	ug/L
86-74-8	Carbazole	0.86	U	0.86	6.00	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	6.00	ug/L
206-44-0	Fluoranthene	0.98	U	0.98	6.00	ug/L
129-00-0	Pyrene	0.60	U	0.60	6.00	ug/L
85-68-7	Butylbenzylphthalate	2.30	U	2.30	6.00	ug/L
91-94-1	3,3-Dichlorobenzidine	1.10	UQ	1.10	11.9	ug/L
56-55-3	Benzo(a)anthracene	0.54	U	0.54	6.00	ug/L
218-01-9	Chrysene	0.52	U	0.52	6.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	6.00	ug/L
117-84-0	Di-n-octyl phthalate	2.80	U	2.80	11.9	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	05/02/25
Project:	Amsterdam			Date Received:	05/02/25
Client Sample ID:	GB3W			SDG No.:	Q1945
Lab Sample ID:	Q1945-02			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	840	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050135.D	1	05/07/25 08:53	05/07/25 15:05	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
205-99-2	Benzo(b)fluoranthene	0.58	U	0.58	6.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.57	U	0.57	6.00	ug/L
50-32-8	Benzo(a)pyrene	0.65	U	0.65	6.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.70	U	0.70	6.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.80	U	0.80	6.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.82	U	0.82	6.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.62	U	0.62	6.00	ug/L
123-91-1	1,4-Dioxane	1.20	U	1.20	6.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.86	U	0.86	6.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	81.7		15 (10) - 110 (139)	54%	SPK: 150
13127-88-3	Phenol-d6	54.3		15 (10) - 110 (134)	36%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.4		30 (49) - 130 (133)	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.8		30 (52) - 130 (132)	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	158		15 (44) - 110 (137)	105%	SPK: 150
1718-51-0	Terphenyl-d14	82.9		30 (48) - 130 (125)	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	243000	7.745			
1146-65-2	Naphthalene-d8	891000	10.539			
15067-26-2	Acenaphthene-d10	636000	14.392			
1517-22-2	Phenanthrene-d10	1260000	17.145			
1719-03-5	Chrysene-d12	1190000	21.386			
1520-96-3	Perylene-d12	1260000	24.385			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.00	AB		4.86	ug/L
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	5.90	J		8.85	ug/L
001587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	8.70	J		9.94	ug/L
056253-64-6	Benzene, (2-methyl-1-butenyl)-	4.70	J		10.7	ug/L
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	4.30	J		11.6	ug/L
000700-12-9	Benzene, pentamethyl-	4.80	J		11.9	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	05/02/25
Project:	Amsterdam			Date Received:	05/02/25
Client Sample ID:	GB3W			SDG No.:	Q1945
Lab Sample ID:	Q1945-02			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	840	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050135.D	1	05/07/25 08:53	05/07/25 15:05	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	6.40	J		11.9	ug/L
	unknown12.398	8.00	J		12.4	ug/L
	unknown12.933	6.40	J		12.9	ug/L
000582-16-1	Naphthalene, 2,7-dimethyl-	6.60	J		13.6	ug/L
1000382-54-3	Carbonic acid, eicosyl vinyl ester	5.10	J		13.9	ug/L
002245-38-7	Naphthalene, 1,6,7-trimethyl-	5.30	J		14.8	ug/L
000829-26-5	Naphthalene, 2,3,6-trimethyl-	5.30	J		15.0	ug/L
001560-96-9	Tridecane, 2-methyl-	7.40	J		15.7	ug/L
000119-61-9	Benzophenone	6.80	J		15.8	ug/L
006418-41-3	Tridecane, 3-methyl-	17.6	J		16.1	ug/L
000629-50-5	Tridecane	5.40	J		17.0	ug/L
000057-10-3	n-Hexadecanoic acid	15.5	J		18.0	ug/L
021771-74-4	1-Hydroxy-4-methyl-2-oxo-1,2-dihyd	6.10	J		18.1	ug/L
000057-11-4	Octadecanoic acid	5.40	J		19.3	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB3WDL	SDG No.:	Q1945
Lab Sample ID:	Q1945-02DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	840 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050138.D	5	05/07/25 08:53	05/07/25 17:03	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	23.3	UD	23.3	59.5	ug/L
62-53-3	Aniline	8.80	UD	8.80	29.8	ug/L
108-95-2	Phenol	5.40	UD	5.40	29.8	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.80	UD	4.80	29.8	ug/L
95-57-8	2-Chlorophenol	3.50	UD	3.50	29.8	ug/L
95-48-7	2-Methylphenol	6.70	UD	6.70	29.8	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	7.60	UD	7.60	29.8	ug/L
98-86-2	Acetophenone	4.40	UD	4.40	29.8	ug/L
65794-96-9	3+4-Methylphenols	6.50	UD	6.50	59.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	8.40	UD	8.40	14.9	ug/L
67-72-1	Hexachloroethane	3.90	UD	3.90	29.8	ug/L
98-95-3	Nitrobenzene	4.50	UD	4.50	29.8	ug/L
78-59-1	Isophorone	4.50	UD	4.50	29.8	ug/L
88-75-5	2-Nitrophenol	10.5	UD	10.5	29.8	ug/L
105-67-9	2,4-Dimethylphenol	11.0	UD	11.0	29.8	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	UD	4.00	29.8	ug/L
120-83-2	2,4-Dichlorophenol	3.10	UD	3.10	29.8	ug/L
91-20-3	Naphthalene	3.00	UD	3.00	29.8	ug/L
106-47-8	4-Chloroaniline	5.00	UDQ	5.00	29.8	ug/L
87-68-3	Hexachlorobutadiene	3.20	UD	3.20	29.8	ug/L
105-60-2	Caprolactam	170	D	6.70	59.5	ug/L
59-50-7	4-Chloro-3-methylphenol	3.50	UD	3.50	29.8	ug/L
91-57-6	2-Methylnaphthalene	3.30	UD	3.30	29.8	ug/L
77-47-4	Hexachlorocyclopentadiene	21.6	UD	21.6	59.5	ug/L
88-06-2	2,4,6-Trichlorophenol	3.00	UD	3.00	29.8	ug/L
95-95-4	2,4,5-Trichlorophenol	3.70	UD	3.70	29.8	ug/L
92-52-4	1,1-Biphenyl	3.20	UD	3.20	29.8	ug/L
91-58-7	2-Chloronaphthalene	3.60	UD	3.60	29.8	ug/L
88-74-4	2-Nitroaniline	7.50	UD	7.50	29.8	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB3WDL	SDG No.:	Q1945
Lab Sample ID:	Q1945-02DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	840 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050138.D	5	05/07/25 08:53	05/07/25 17:03	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	3.60	UD	3.60	29.8	ug/L
208-96-8	Acenaphthylene	4.50	UD	4.50	29.8	ug/L
606-20-2	2,6-Dinitrotoluene	5.50	UD	5.50	29.8	ug/L
99-09-2	3-Nitroaniline	6.30	UDQ	6.30	29.8	ug/L
83-32-9	Acenaphthene	3.30	UD	3.30	29.8	ug/L
51-28-5	2,4-Dinitrophenol	35.5	UD	35.5	59.5	ug/L
100-02-7	4-Nitrophenol	14.2	UD	14.2	59.5	ug/L
132-64-9	Dibenzofuran	3.60	UD	3.60	29.8	ug/L
121-14-2	2,4-Dinitrotoluene	7.30	UD	7.30	29.8	ug/L
84-66-2	Diethylphthalate	4.10	UD	4.10	29.8	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	UD	4.00	29.8	ug/L
86-73-7	Fluorene	3.80	UD	3.80	29.8	ug/L
100-01-6	4-Nitroaniline	8.90	UD	8.90	29.8	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	17.1	UD	17.1	59.5	ug/L
86-30-6	n-Nitrosodiphenylamine	3.50	UD	3.50	29.8	ug/L
101-55-3	4-Bromophenyl-phenylether	2.40	UD	2.40	29.8	ug/L
118-74-1	Hexachlorobenzene	3.10	UD	3.10	29.8	ug/L
1912-24-9	Atrazine	6.00	UD	6.00	29.8	ug/L
87-86-5	Pentachlorophenol	9.40	UD	9.40	59.5	ug/L
85-01-8	Phenanthrene	3.00	UD	3.00	29.8	ug/L
120-12-7	Anthracene	3.60	UD	3.60	29.8	ug/L
86-74-8	Carbazole	4.30	UD	4.30	29.8	ug/L
84-74-2	Di-n-butylphthalate	7.30	UD	7.30	29.8	ug/L
206-44-0	Fluoranthene	4.90	UD	4.90	29.8	ug/L
129-00-0	Pyrene	3.00	UD	3.00	29.8	ug/L
85-68-7	Butylbenzylphthalate	11.5	UD	11.5	29.8	ug/L
91-94-1	3,3-Dichlorobenzidine	5.50	UDQ	5.50	59.5	ug/L
56-55-3	Benzo(a)anthracene	2.70	UD	2.70	29.8	ug/L
218-01-9	Chrysene	2.60	UD	2.60	29.8	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	9.50	UD	9.50	29.8	ug/L
117-84-0	Di-n-octyl phthalate	13.9	UD	13.9	59.5	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	05/02/25
Project:	Amsterdam			Date Received:	05/02/25
Client Sample ID:	GB3WDL			SDG No.:	Q1945
Lab Sample ID:	Q1945-02DL			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	840	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050138.D	5	05/07/25 08:53	05/07/25 17:03	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
205-99-2	Benzo(b)fluoranthene	2.90	UD	2.90	29.8	ug/L
207-08-9	Benzo(k)fluoranthene	2.90	UD	2.90	29.8	ug/L
50-32-8	Benzo(a)pyrene	3.30	UD	3.30	29.8	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.50	UD	3.50	29.8	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	UD	4.00	29.8	ug/L
191-24-2	Benzo(g,h,i)perylene	4.10	UD	4.10	29.8	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	3.10	UD	3.10	29.8	ug/L
123-91-1	1,4-Dioxane	6.00	UD	6.00	29.8	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.30	UD	4.30	29.8	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	80.4		15 (10) - 110 (139)	54%	SPK: 150
13127-88-3	Phenol-d6	50.8		15 (10) - 110 (134)	34%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.2		30 (49) - 130 (133)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.4		30 (52) - 130 (132)	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		15 (44) - 110 (137)	89%	SPK: 150
1718-51-0	Terphenyl-d14	75.2		30 (48) - 130 (125)	75%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	253000	7.745			
1146-65-2	Naphthalene-d8	949000	10.539			
15067-26-2	Acenaphthene-d10	681000	14.392			
1517-22-2	Phenanthrene-d10	1370000	17.145			
1719-03-5	Chrysene-d12	1250000	21.386			
1520-96-3	Perylene-d12	1260000	24.385			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: Q1945

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167889BL	PB167889BL	2-Fluorophenol	150	134	90		15 (10)	110 (139)
		Phenol-d6	150	128	85		15 (10)	110 (134)
		Nitrobenzene-d5	100	78.9	79		30 (49)	130 (133)
		2-Fluorobiphenyl	100	80.6	81		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	129	86		15 (44)	110 (137)
		Terphenyl-d14	100	92.2	92		30 (48)	130 (125)
PB167889BS	PB167889BS	2-Fluorophenol	150	127	85		15 (10)	110 (139)
		Phenol-d6	150	123	82		15 (10)	110 (134)
		Nitrobenzene-d5	100	74.0	74		30 (49)	130 (133)
		2-Fluorobiphenyl	100	76.1	76		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	124	83		15 (44)	110 (137)
		Terphenyl-d14	100	79.2	79		30 (48)	130 (125)
PB167889BSD	PB167889BSD	2-Fluorophenol	150	134	89		15 (10)	110 (139)
		Phenol-d6	150	129	86		15 (10)	110 (134)
		Nitrobenzene-d5	100	78.3	78		30 (49)	130 (133)
		2-Fluorobiphenyl	100	80.2	80		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	131	87		15 (44)	110 (137)
		Terphenyl-d14	100	85.8	86		30 (48)	130 (125)
Q1945-01	GB1W	2-Fluorophenol	150	72.9	49		15 (10)	110 (139)
		Phenol-d6	150	45.5	30		15 (10)	110 (134)
		Nitrobenzene-d5	100	84.8	85		30 (49)	130 (133)
		2-Fluorobiphenyl	100	80.9	81		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	161	107		15 (44)	110 (137)
		Terphenyl-d14	100	92.5	92		30 (48)	130 (125)
Q1945-01DL	GB1WDL	2-Fluorophenol	150	71.2	47		15 (10)	110 (139)
		Phenol-d6	150	39.7	26		15 (10)	110 (134)
		Nitrobenzene-d5	100	81.4	81		30 (49)	130 (133)
		2-Fluorobiphenyl	100	78.5	79		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	134	89		15 (44)	110 (137)
		Terphenyl-d14	100	80.2	80		30 (48)	130 (125)
Q1945-02	GB3W	2-Fluorophenol	150	81.7	54		15 (10)	110 (139)
		Phenol-d6	150	54.3	36		15 (10)	110 (134)
		Nitrobenzene-d5	100	81.4	81		30 (49)	130 (133)
		2-Fluorobiphenyl	100	76.8	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	158	105		15 (44)	110 (137)
		Terphenyl-d14	100	82.9	83		30 (48)	130 (125)
Q1945-02DL	GB3WDL	2-Fluorophenol	150	80.4	54		15 (10)	110 (139)
		Phenol-d6	150	50.8	34		15 (10)	110 (134)
		Nitrobenzene-d5	100	79.2	79		30 (49)	130 (133)
		2-Fluorobiphenyl	100	75.4	75		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	134	89		15 (44)	110 (137)
		Terphenyl-d14	100	75.2	75		30 (48)	130 (125)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1945

Client: G Environmental

Analytical Method: 8270E **DataFile:** BM050142.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167889BS	Benzaldehyde	50	23.0	ug/L	46				20 (10)	160 (162)	
	Aniline	50	28.0	ug/L	56				20 (10)	160 (130)	
	Phenol	50	42.9	ug/L	86				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	40.5	ug/L	81				70 (62)	130 (103)	
	2-Chlorophenol	50	42.6	ug/L	85				70 (70)	130 (117)	
	2-Methylphenol	50	41.7	ug/L	83				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	40.9	ug/L	82				70 (65)	130 (100)	
	Acetophenone	50	41.5	ug/L	83				70 (60)	130 (104)	
	3+4-Methylphenols	50	41.5	ug/L	83				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	39.6	ug/L	79				70 (57)	130 (107)	
	Hexachloroethane	50	40.2	ug/L	80				20 (76)	160 (118)	
	Nitrobenzene	50	42.3	ug/L	85				70 (58)	130 (106)	
	Isophorone	50	39.9	ug/L	80				70 (61)	130 (102)	
	2-Nitrophenol	50	43.8	ug/L	88				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	42.9	ug/L	86				70 (42)	130 (142)	
	bis(2-Chloroethoxy)methane	50	41.3	ug/L	83				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	43.0	ug/L	86				70 (66)	130 (115)	
	Naphthalene	50	40.9	ug/L	82				70 (64)	130 (107)	
	4-Chloroaniline	50	17.7	ug/L	35		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	41.9	ug/L	84				70 (69)	130 (101)	
	Caprolactam	50	37.4	ug/L	75				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	40.8	ug/L	82				70 (65)	130 (114)	
	2-Methylnaphthalene	50	39.9	ug/L	80				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	95.8	ug/L	96				20 (36)	160 (160)	
	2,4,6-Trichlorophenol	50	44.8	ug/L	90				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	44.3	ug/L	89				70 (70)	130 (106)	
	1,1-Biphenyl	50	43.2	ug/L	86				70 (72)	130 (98)	
	2-Chloronaphthalene	50	42.9	ug/L	86				70 (59)	130 (106)	
	2-Nitroaniline	50	44.7	ug/L	89				70 (73)	130 (114)	
	Dimethylphthalate	50	41.2	ug/L	82				70 (64)	130 (103)	
	Acenaphthylene	50	42.3	ug/L	85				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	43.1	ug/L	86				70 (64)	130 (110)	
	3-Nitroaniline	50	24.8	ug/L	50		*		70 (28)	130 (100)	
	Acenaphthene	50	42.1	ug/L	84				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	79.6	ug/L	80				20 (36)	160 (166)	
	4-Nitrophenol	100	75.7	ug/L	76				20 (45)	160 (147)	
	Dibenzofuran	50	41.8	ug/L	84				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	42.9	ug/L	86				70 (60)	130 (115)	
	Diethylphthalate	50	40.0	ug/L	80				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	41.7	ug/L	83				70 (61)	130 (104)	
	Fluorene	50	41.6	ug/L	83				70 (64)	130 (107)	
	4-Nitroaniline	50	38.0	ug/L	76				70 (55)	130 (125)	
	4,6-Dinitro-2-methylphenol	50	44.5	ug/L	89				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	45.5	ug/L	91				70 (61)	130 (109)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1945

Client: G Environmental

Analytical Method: 8270E **DataFile:** BM050142.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167889BS	4-Bromophenyl-phenylether	50	44.3	ug/L	89				70 (73)	130 (103)	
	Hexachlorobenzene	50	44.5	ug/L	89				70 (73)	130 (106)	
	Atrazine	50	43.7	ug/L	87				70 (76)	130 (120)	
	Pentachlorophenol	100	95.9	ug/L	96				20 (47)	160 (114)	
	Phenanthrene	50	43.2	ug/L	86				70 (62)	130 (109)	
	Anthracene	50	43.9	ug/L	88				70 (65)	130 (110)	
	Carbazole	50	43.3	ug/L	87				70 (62)	130 (106)	
	Di-n-butylphthalate	50	42.6	ug/L	85				70 (64)	130 (106)	
	Fluoranthene	50	42.4	ug/L	85				70 (64)	130 (110)	
	Pyrene	50	44.0	ug/L	88				70 (71)	130 (103)	
	Butylbenzylphthalate	50	43.8	ug/L	88				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	24.9	ug/L	50		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	43.8	ug/L	88				70 (62)	130 (107)	
	Chrysene	50	43.2	ug/L	86				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	42.8	ug/L	86				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	43.7	ug/L	87				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	43.5	ug/L	87				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	42.0	ug/L	84				70 (77)	130 (105)	
	Benzo(a)pyrene	50	43.9	ug/L	88				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	48.7	ug/L	97				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	49.0	ug/L	98				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	48.5	ug/L	97				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	44.2	ug/L	88				70 (72)	130 (101)	
	1,4-Dioxane	50	33.9	ug/L	68				20 (38)	160 (125)	
	2,3,4,6-Tetrachlorophenol	50	41.9	ug/L	84				70 (63)	130 (116)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1945

Client: G Environmental

Analytical Method: 8270E **DataFile:** BM050143.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167889BSD	Benzaldehyde	50	23.2	ug/L	46	1			20 (10)	160 (162)	20 (20)
	Aniline	50	27.0	ug/L	54	4			20 (10)	160 (130)	20 (20)
	Phenol	50	43.7	ug/L	87	2			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	41.7	ug/L	83	3			70 (62)	130 (103)	20 (20)
	2-Chlorophenol	50	43.7	ug/L	87	3			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	42.7	ug/L	85	2			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	41.6	ug/L	83	2			70 (65)	130 (100)	20 (20)
	Acetophenone	50	42.8	ug/L	86	3			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	42.0	ug/L	84	1			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	40.2	ug/L	80	2			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	41.7	ug/L	83	4			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	43.5	ug/L	87	3			70 (58)	130 (106)	20 (20)
	Isophorone	50	40.9	ug/L	82	2			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	45.0	ug/L	90	3			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	44.0	ug/L	88	3			70 (42)	130 (142)	20 (20)
	bis(2-Chloroethoxy)methane	50	42.0	ug/L	84	2			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	44.5	ug/L	89	3			70 (66)	130 (115)	20 (20)
	Naphthalene	50	42.4	ug/L	85	4			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	16.2	ug/L	32	9	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	43.7	ug/L	87	4			70 (69)	130 (101)	20 (20)
	Caprolactam	50	37.8	ug/L	76	1			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	41.1	ug/L	82	1			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	41.1	ug/L	82	3			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	98.8	ug/L	99	3			20 (36)	160 (160)	20 (20)
	2,4,6-Trichlorophenol	50	45.6	ug/L	91	2			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	45.8	ug/L	92	3			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	44.4	ug/L	89	3			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	44.6	ug/L	89	4			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	45.7	ug/L	91	2			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	42.1	ug/L	84	2			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	43.5	ug/L	87	3			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	43.9	ug/L	88	2			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	23.6	ug/L	47	5	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	43.4	ug/L	87	3			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	81.0	ug/L	81	2			20 (36)	160 (166)	20 (20)
	4-Nitrophenol	100	75.5	ug/L	76	0			20 (45)	160 (147)	20 (20)
	Dibenzofuran	50	42.6	ug/L	85	2			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	43.4	ug/L	87	1			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	40.7	ug/L	81	2			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	42.7	ug/L	85	2			70 (61)	130 (104)	20 (20)
	Fluorene	50	42.4	ug/L	85	2			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	37.3	ug/L	75	2			70 (55)	130 (125)	20 (20)
	4,6-Dinitro-2-methylphenol	50	45.5	ug/L	91	2			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	46.2	ug/L	92	2			70 (61)	130 (109)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1945

Client: G Environmental

Analytical Method: 8270E **DataFile:** BM050143.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167889BSD	4-Bromophenyl-phenylether	50	45.6	ug/L	91	3			70 (73)	130 (103)	20 (20)
	Hexachlorobenzene	50	45.6	ug/L	91	2			70 (73)	130 (106)	20 (20)
	Atrazine	50	44.0	ug/L	88	1			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	97.1	ug/L	97	1			20 (47)	160 (114)	20 (20)
	Phenanthrene	50	44.3	ug/L	89	3			70 (62)	130 (109)	20 (20)
	Anthracene	50	44.6	ug/L	89	2			70 (65)	130 (110)	20 (20)
	Carbazole	50	44.0	ug/L	88	2			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	43.1	ug/L	86	1			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	42.5	ug/L	85	0			70 (64)	130 (110)	20 (20)
	Pyrene	50	46.5	ug/L	93	6			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	45.3	ug/L	91	3			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	25.0	ug/L	50	0	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	45.0	ug/L	90	3			70 (62)	130 (107)	20 (20)
	Chrysene	50	44.3	ug/L	89	3			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	44.2	ug/L	88	3			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	44.4	ug/L	89	2			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	44.1	ug/L	88	1			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	43.1	ug/L	86	3			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	44.6	ug/L	89	2			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	50.2	ug/L	100	3			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	50.4	ug/L	101	3			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	50.4	ug/L	101	4			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	45.8	ug/L	92	4			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	35.6	ug/L	71	5			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	42.9	ug/L	86	2			70 (63)	130 (116)	20 (20)

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167889BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

Lab File ID: BM050141.D Lab Sample ID: PB167889BL

Instrument ID: BNA_M Date Extracted: 05/07/2025

Matrix: (soil/water) Water Date Analyzed: 05/08/2025

Level: (low/med) LOW Time Analyzed: 11:21

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167889BS	PB167889BS	BM050142.D	05/08/2025
PB167889BSD	PB167889BSD	BM050143.D	05/08/2025
GB1W	Q1945-01	BM050134.D	05/07/2025
GB3W	Q1945-02	BM050135.D	05/07/2025

COMMENTS:

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q1945 SDG NO.: Q1945

Lab File ID: BM050023.D DFTPP Injection Date: 04/28/2025

Instrument ID: BNA_M DFTPP Injection Time: 11:46

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	0.4 (1.3) 1
69	Mass 69 relative abundance	28.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	35.7
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.4 (19.3) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BM050024.D	04/28/2025	12:30
SSTDICC005	SSTDICC005	BM050025.D	04/28/2025	13:09
SSTDICC010	SSTDICC010	BM050026.D	04/28/2025	13:48
SSTDICC020	SSTDICC020	BM050027.D	04/28/2025	14:27
SSTDICCC040	SSTDICCC040	BM050028.D	04/28/2025	15:06
SSTDICC050	SSTDICC050	BM050029.D	04/28/2025	15:45
SSTDICC060	SSTDICC060	BM050030.D	04/28/2025	16:24
SSTDICC080	SSTDICC080	BM050031.D	04/28/2025	17:04

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q1945 SDG NO.: Q1945

Lab File ID: BM050128.D DFTPP Injection Date: 05/07/2025

Instrument ID: BNA_M DFTPP Injection Time: 09:17

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	27.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	35
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.1
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.6 (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:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050129.D	05/07/2025	09:56
GB1W	Q1945-01	BM050134.D	05/07/2025	14:26
GB3W	Q1945-02	BM050135.D	05/07/2025	15:05
GB1WDL	Q1945-01DL	BM050137.D	05/07/2025	16:24
GB3WDL	Q1945-02DL	BM050138.D	05/07/2025	17:03

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q1945 SDG NO.: Q1945

Lab File ID: BM050139.D DFTPP Injection Date: 05/08/2025

Instrument ID: BNA_M DFTPP Injection Time: 09:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	21.7
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	25.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	33.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16.8 (19.5) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050140.D	05/08/2025	10:41
PB167889BL	PB167889BL	BM050141.D	05/08/2025	11:21
PB167889BS	PB167889BS	BM050142.D	05/08/2025	12:00
PB167889BSD	PB167889BSD	BM050143.D	05/08/2025	12:39

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/07/2025

Lab File ID: BM050129.D Time Analyzed: 09:56

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	266306	7.746	985466	10.53	648787	14.39
	UPPER LIMIT	532612	8.246	1970930	11.034	1297570	14.892
	LOWER LIMIT	133153	7.246	492733	10.034	324394	13.892
	EPA SAMPLE NO.						
01	GB1W	277291	7.75	994970	10.54	676090	14.39
02	GB1WDL	237908	7.75	833708	10.54	563306	14.39
03	GB3W	242816	7.75	891368	10.54	635661	14.39
04	GB3WDL	252681	7.75	948637	10.54	680621	14.39

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/07/2025

Lab File ID: BM050129.D Time Analyzed: 09:56

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1276060	17.139	1188730	21.386	1179190	24.38
	UPPER LIMIT	2552120	17.639	2377460	21.886	2358380	24.88
	LOWER LIMIT	638030	16.639	594365	20.886	589595	23.88
	EPA SAMPLE NO.						
01	GB1W	1357980	17.15	1252370	21.39	1282160	24.39
02	GB1WDL	1154970	17.15	1121660	21.39	1136200	24.39
03	GB3W	1255360	17.15	1187380	21.39	1257760	24.39
04	GB3WDL	1371680	17.15	1252990	21.39	1255100	24.39

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/08/2025

Lab File ID: BM050140.D Time Analyzed: 10:41

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	370324	7.74	1368860	10.53	879874	14.39
	UPPER LIMIT	740648	8.24	2737720	11.034	1759750	14.892
	LOWER LIMIT	185162	7.24	684430	10.034	439937	13.892
	EPA SAMPLE NO.						
01	PB167889BL	284899	7.74	988666	10.54	615934	14.39
02	PB167889BS	270040	7.74	938494	10.53	568093	14.39
03	PB167889BSD	264346	7.74	911076	10.53	548910	14.39

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/08/2025

Lab File ID: BM050140.D Time Analyzed: 10:41

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1654930	17.139	1237710	21.386	1026250	24.38
	UPPER LIMIT	3309860	17.639	2475420	21.886	2052500	24.88
	LOWER LIMIT	827465	16.639	618855	20.886	513125	23.88
	EPA SAMPLE NO.						
01	PB167889BL	1138370	17.15	926404	21.39	1008660	24.39
02	PB167889BS	1021170	17.14	945959	21.38	977986	24.38
03	PB167889BSD	982803	17.14	868474	21.39	893841	24.38

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	PB167889BL	SDG No.:	Q1945
Lab Sample ID:	PB167889BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050141.D	1	05/07/25 08:53	05/08/25 11:21	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
62-53-3	Aniline	1.50	U	1.50	5.00	ug/L
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	0.58	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.52	U	0.52	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.59	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Amsterdam			Date Received:	
Client Sample ID:	PB167889BL			SDG No.:	Q1945
Lab Sample ID:	PB167889BL			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050141.D	1	05/07/25 08:53	05/08/25 11:21	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Amsterdam			Date Received:	
Client Sample ID:	PB167889BL			SDG No.:	Q1945
Lab Sample ID:	PB167889BL			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050141.D	1	05/07/25 08:53	05/08/25 11:21	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	134		15 (10) - 110 (139)	90%	SPK: 150
13127-88-3	Phenol-d6	128		15 (10) - 110 (134)	85%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.9		30 (49) - 130 (133)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.6		30 (52) - 130 (132)	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	129		15 (44) - 110 (137)	86%	SPK: 150
1718-51-0	Terphenyl-d14	92.2		30 (48) - 130 (125)	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	285000	7.739			
1146-65-2	Naphthalene-d8	989000	10.539			
15067-26-2	Acenaphthene-d10	616000	14.392			
1517-22-2	Phenanthrene-d10	1140000	17.145			
1719-03-5	Chrysene-d12	926000	21.391			
1520-96-3	Perylene-d12	1010000	24.385			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.80	A		4.87	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Amsterdam			Date Received:	
Client Sample ID:	PB167889BL			SDG No.:	Q1945
Lab Sample ID:	PB167889BL			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050141.D	1	05/07/25 08:53	05/08/25 11:21	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Amsterdam			Date Received:	
Client Sample ID:	PB167889BS			SDG No.:	Q1945
Lab Sample ID:	PB167889BS			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050142.D	1	05/07/25 08:53	05/08/25 12:00	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	23.0		3.90	10.0	ug/L
62-53-3	Aniline	28.0		1.50	5.00	ug/L
108-95-2	Phenol	42.9		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	40.5		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	42.6		0.58	5.00	ug/L
95-48-7	2-Methylphenol	41.7		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40.9		1.30	5.00	ug/L
98-86-2	Acetophenone	41.5		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	41.5		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	39.6		1.40	2.50	ug/L
67-72-1	Hexachloroethane	40.2		0.65	5.00	ug/L
98-95-3	Nitrobenzene	42.3		0.76	5.00	ug/L
78-59-1	Isophorone	39.9		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	43.8		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	42.9		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.3		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	43.0		0.52	5.00	ug/L
91-20-3	Naphthalene	40.9		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	17.7		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	41.9		0.54	5.00	ug/L
105-60-2	Caprolactam	37.4		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	40.8		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	39.9		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	95.8	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	44.8		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.3		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	43.2		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	42.9		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	44.7		1.30	5.00	ug/L

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Amsterdam			Date Received:	
Client Sample ID:	PB167889BS			SDG No.:	Q1945
Lab Sample ID:	PB167889BS			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050142.D	1	05/07/25 08:53	05/08/25 12:00	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	41.2		0.61	5.00	ug/L
208-96-8	Acenaphthylene	42.3		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.1		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	24.8		1.10	5.00	ug/L
83-32-9	Acenaphthene	42.1		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	79.6		6.00	10.0	ug/L
100-02-7	4-Nitrophenol	75.7		2.40	10.0	ug/L
132-64-9	Dibenzofuran	41.8		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	42.9		1.20	5.00	ug/L
84-66-2	Diethylphthalate	40.0		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.7		0.68	5.00	ug/L
86-73-7	Fluorene	41.6		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	38.0		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	44.5		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	45.5		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	44.3		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	44.5		0.52	5.00	ug/L
1912-24-9	Atrazine	43.7		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	95.9	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	43.2		0.50	5.00	ug/L
120-12-7	Anthracene	43.9		0.61	5.00	ug/L
86-74-8	Carbazole	43.3		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	42.6		1.20	5.00	ug/L
206-44-0	Fluoranthene	42.4		0.82	5.00	ug/L
129-00-0	Pyrene	44.0		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	43.8		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	24.9		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	43.8		0.45	5.00	ug/L
218-01-9	Chrysene	43.2		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42.8		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	43.7		2.30	10.0	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Amsterdam			Date Received:	
Client Sample ID:	PB167889BS			SDG No.:	Q1945
Lab Sample ID:	PB167889BS			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050142.D	1	05/07/25 08:53	05/08/25 12:00	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
205-99-2	Benzo(b)fluoranthene	43.5		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	42.0		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	43.9		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	48.7		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.0		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	48.5		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.2		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	33.9		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	41.9		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	127		15 (10) - 110 (139)	85%	SPK: 150
13127-88-3	Phenol-d6	123		15 (10) - 110 (134)	82%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.0		30 (49) - 130 (133)	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.1		30 (52) - 130 (132)	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	124		15 (44) - 110 (137)	83%	SPK: 150
1718-51-0	Terphenyl-d14	79.2		30 (48) - 130 (125)	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	270000	7.74			
1146-65-2	Naphthalene-d8	938000	10.534			
15067-26-2	Acenaphthene-d10	568000	14.392			
1517-22-2	Phenanthrene-d10	1020000	17.139			
1719-03-5	Chrysene-d12	946000	21.38			
1520-96-3	Perylene-d12	978000	24.38			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	PB167889BSD	SDG No.:	Q1945
Lab Sample ID:	PB167889BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050143.D	1	05/07/25 08:53	05/08/25 12:39	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	23.2		3.90	10.0	ug/L
62-53-3	Aniline	27.0		1.50	5.00	ug/L
108-95-2	Phenol	43.7		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	41.7		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	43.7		0.58	5.00	ug/L
95-48-7	2-Methylphenol	42.7		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.6		1.30	5.00	ug/L
98-86-2	Acetophenone	42.8		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	42.0		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	40.2		1.40	2.50	ug/L
67-72-1	Hexachloroethane	41.7		0.65	5.00	ug/L
98-95-3	Nitrobenzene	43.5		0.76	5.00	ug/L
78-59-1	Isophorone	40.9		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	45.0		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	44.0		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.0		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	44.5		0.52	5.00	ug/L
91-20-3	Naphthalene	42.4		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	16.2		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.7		0.54	5.00	ug/L
105-60-2	Caprolactam	37.8		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	41.1		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	41.1		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	98.8	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	45.6		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	45.8		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	44.4		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	44.6		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	45.7		1.30	5.00	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Amsterdam			Date Received:	
Client Sample ID:	PB167889BSD			SDG No.:	Q1945
Lab Sample ID:	PB167889BSD			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050143.D	1	05/07/25 08:53	05/08/25 12:39	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	42.1		0.61	5.00	ug/L
208-96-8	Acenaphthylene	43.5		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.9		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	23.6		1.10	5.00	ug/L
83-32-9	Acenaphthene	43.4		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	81.0	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	75.5		2.40	10.0	ug/L
132-64-9	Dibenzofuran	42.6		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	43.4		1.20	5.00	ug/L
84-66-2	Diethylphthalate	40.7		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.7		0.68	5.00	ug/L
86-73-7	Fluorene	42.4		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	37.3		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	45.5		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	46.2		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	45.6		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	45.6		0.52	5.00	ug/L
1912-24-9	Atrazine	44.0		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	97.1	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	44.3		0.50	5.00	ug/L
120-12-7	Anthracene	44.6		0.61	5.00	ug/L
86-74-8	Carbazole	44.0		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	43.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	42.5		0.82	5.00	ug/L
129-00-0	Pyrene	46.5		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	45.3		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	25.0		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	45.0		0.45	5.00	ug/L
218-01-9	Chrysene	44.3		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44.2		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	44.4		2.30	10.0	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Amsterdam			Date Received:	
Client Sample ID:	PB167889BSD			SDG No.:	Q1945
Lab Sample ID:	PB167889BSD			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050143.D	1	05/07/25 08:53	05/08/25 12:39	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
205-99-2	Benzo(b)fluoranthene	44.1		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	43.1		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	44.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.2		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.4		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	50.4		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.8		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	35.6		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	42.9		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	134		15 (10) - 110 (139)	89%	SPK: 150
13127-88-3	Phenol-d6	129		15 (10) - 110 (134)	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.3		30 (49) - 130 (133)	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.2		30 (52) - 130 (132)	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	131		15 (44) - 110 (137)	87%	SPK: 150
1718-51-0	Terphenyl-d14	85.8		30 (48) - 130 (125)	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	264000	7.74			
1146-65-2	Naphthalene-d8	911000	10.534			
15067-26-2	Acenaphthene-d10	549000	14.392			
1517-22-2	Phenanthrene-d10	983000	17.139			
1719-03-5	Chrysene-d12	868000	21.386			
1520-96-3	Perylene-d12	894000	24.38			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report BNA_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM050024.D 5 =BM050025.D 10 =BM050026.D 20 =BM050027.D 40 =BM050028.D 50 =BM050029.D 60 =BM050030.D 80 =BM0500
31.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.506	0.464	0.478	0.511	0.504	0.491	0.473	0.490	3.75
3)		Pyridine		1.201	1.166	1.229	1.331	1.328	1.292	1.261	1.258	5.03
4)		n-Nitrosodimet...		0.487	0.459	0.475	0.522	0.518	0.504	0.490	0.493	4.62
5)	S	2-Fluorophenol		1.074	1.079	1.107	1.208	1.211	1.173	1.142	1.142	5.04
6)		Aniline		1.657	1.689	1.768	1.942	1.922	1.875	1.835	1.813	6.16
7)	S	Phenol-d6		1.290	1.318	1.398	1.543	1.537	1.494	1.469	1.436	7.13
8)		2-Chlorophenol		1.169	1.161	1.198	1.312	1.301	1.268	1.235	1.235	4.96
9)		Benzaldehyde		0.940	0.920	0.971	1.031	1.013	0.956	0.894	0.961	5.08
10)	C	Phenol		1.349	1.344	1.420	1.539	1.537	1.501	1.483	1.453	5.73
11)		bis(2-Chloroet...		1.213	1.105	1.176	1.279	1.271	1.233	1.218	1.213	4.90
12)		1,3-Dichlorobe...		1.483	1.428	1.453	1.566	1.552	1.508	1.453	1.492	3.51
13)	C	1,4-Dichlorobe...		1.518	1.418	1.463	1.561	1.557	1.516	1.458	1.499	3.60
14)		1,2-Dichlorobe...		1.420	1.393	1.423	1.522	1.506	1.464	1.405	1.448	3.50
15)		Benzyl Alcohol		0.866	0.881	0.966	1.080	1.074	1.050	1.050	0.996	9.16
16)		2,2'-oxybis(1-...		1.487	1.422	1.445	1.552	1.513	1.473	1.433	1.475	3.17
17)		2-Methylphenol		0.857	0.893	0.931	1.033	1.026	0.988	0.975	0.957	6.96
18)		Hexachloroethane		0.552	0.508	0.521	0.556	0.548	0.533	0.510	0.533	3.79
19)	P	n-Nitroso-di-n...	0.802	0.889	0.885	0.921	1.003	0.988	0.949	0.928	0.921	6.95
20)		3+4-Methylphenols		1.137	1.170	1.267	1.393	1.392	1.349	1.341	1.293	8.09
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.483	0.464	0.485	0.531	0.525	0.506	0.487	0.497	4.94
23)	S	Nitrobenzene-d5		0.386	0.374	0.397	0.434	0.433	0.417	0.400	0.406	5.68
24)		Nitrobenzene		0.337	0.325	0.345	0.374	0.372	0.358	0.346	0.351	5.16
25)		Isophorone		0.666	0.648	0.680	0.729	0.729	0.704	0.687	0.692	4.44
26)	C	2-Nitrophenol		0.148	0.157	0.172	0.196	0.198	0.192	0.191	0.179	11.33
27)		2,4-Dimethylph...		0.263	0.266	0.289	0.324	0.322	0.312	0.305	0.297	8.42
28)		bis(2-Chloroet...		0.407	0.399	0.422	0.455	0.452	0.434	0.425	0.428	4.92
29)	C	2,4-Dichloroph...		0.294	0.298	0.326	0.362	0.359	0.351	0.342	0.333	8.47
30)		1,2,4-Trichlor...		0.400	0.384	0.394	0.427	0.426	0.412	0.399	0.406	4.02
31)		Naphthalene		1.001	0.959	0.993	1.066	1.057	1.023	0.989	1.013	3.80
32)		Benzoic acid			0.138	0.172	0.197	0.206	0.212	0.215	0.190	15.67
33)		4-Chloroaniline		0.361	0.393	0.404	0.441	0.448	0.437	0.423	0.415	7.51
34)	C	Hexachlorobuta...		0.253	0.240	0.249	0.270	0.270	0.263	0.258	0.258	4.34
35)		Caprolactam		0.090	0.085	0.095	0.104	0.104	0.102	0.100	0.097	7.73
36)	C	4-Chloro-3-met...		0.289	0.283	0.302	0.325	0.329	0.317	0.309	0.308	5.72
37)		2-Methylnaphth...		0.656	0.639	0.662	0.713	0.714	0.692	0.678	0.679	4.22
38)		1-Methylnaphth...		0.703	0.675	0.708	0.753	0.751	0.731	0.710	0.719	3.92

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.624	0.622	0.655	0.742	0.745	0.725	0.733	0.692	8.17
41)	P	Hexachlorocycl...		0.303	0.362	0.455	0.468	0.467	0.483	0.423	17.30
42)	S	2,4,6-Tribromo...	0.253	0.249	0.281	0.318	0.329	0.318	0.323	0.296	11.61
43)	C	2,4,6-Trichlor...	0.372	0.381	0.423	0.476	0.485	0.467	0.469	0.439	10.76
44)		2,4,5-Trichlor...	0.410	0.417	0.453	0.517	0.519	0.501	0.497	0.474	9.83
45)	S	2-Fluorobiphenyl	1.588	1.555	1.632	1.807	1.822	1.744	1.688	1.691	6.21
46)		1,1'-Biphenyl	1.427	1.395	1.452	1.573	1.581	1.507	1.473	1.487	4.77
47)		2-Chloronaphth...	1.126	1.112	1.155	1.250	1.248	1.192	1.158	1.177	4.69
48)		2-Nitroaniline	0.238	0.242	0.269	0.302	0.304	0.294	0.286	0.276	9.96
49)		Acenaphthylene	1.794	1.715	1.810	1.972	1.971	1.889	1.845	1.857	5.10
50)		Dimethylphthalate	1.444	1.377	1.437	1.532	1.543	1.470	1.429	1.462	4.02
51)		2,6-Dinitrotol...	0.266	0.271	0.299	0.327	0.331	0.316	0.309	0.303	8.50
52)	C	Acenaphthene	1.038	0.998	1.046	1.133	1.145	1.094	1.067	1.075	4.93
53)		3-Nitroaniline	0.233	0.247	0.284	0.321	0.325	0.311	0.302	0.289	12.47
54)	P	2,4-Dinitrophenol		0.100	0.132	0.178	0.194	0.188	0.191	0.164	23.65
55)		Dibenzofuran	1.749	1.681	1.749	1.876	1.888	1.810	1.763	1.788	4.17
56)	P	4-Nitrophenol		0.128	0.180	0.224	0.237	0.231	0.231	0.205	20.96
57)		2,4-Dinitrotol...	0.338	0.366	0.412	0.456	0.468	0.447	0.440	0.418	11.72
58)		Fluorene	1.387	1.343	1.431	1.558	1.573	1.500	1.453	1.463	5.84
59)		2,3,4,6-Tetrac...	0.366	0.362	0.398	0.435	0.445	0.432	0.431	0.410	8.44
60)		Diethylphthalate	1.372	1.301	1.380	1.433	1.451	1.376	1.328	1.377	3.86
61)		4-Chlorophenyl...	0.741	0.716	0.770	0.857	0.871	0.836	0.836	0.804	7.58
62)		4-Nitroaniline	0.208	0.234	0.277	0.313	0.321	0.301	0.295	0.279	15.17
63)		Azobenzene	1.118	1.091	1.150	1.216	1.229	1.165	1.110	1.154	4.59
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.088	0.110	0.135	0.142	0.138	0.137	0.125	17.16
66)	c	n-Nitrosodiphe...	0.580	0.572	0.596	0.655	0.657	0.629	0.610	0.614	5.56
67)		4-Bromophenyl-...	0.223	0.216	0.229	0.258	0.258	0.256	0.253	0.242	7.60
68)		Hexachlorobenzene	0.265	0.251	0.264	0.294	0.295	0.291	0.291	0.279	6.49
69)		Atrazine	0.196	0.198	0.214	0.236	0.242	0.234	0.230	0.222	8.47
70)	C	Pentachlorophenol		0.117	0.141	0.167	0.172	0.170	0.174	0.157	14.52
71)		Phenanthrene	1.075	1.035	1.083	1.187	1.212	1.173	1.132	1.128	5.84
72)		Anthracene	1.062	1.038	1.096	1.214	1.236	1.191	1.154	1.142	6.78
73)		Carbazole	0.909	0.900	0.960	1.054	1.075	1.038	0.999	0.991	7.05
74)		Di-n-butylphth...	1.106	1.082	1.151	1.246	1.277	1.231	1.165	1.180	6.25
75)	C	Fluoranthene	1.178	1.142	1.250	1.410	1.455	1.425	1.411	1.324	9.86
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.560	0.646	0.772	0.769	0.765	0.751	0.710	12.36
78)		Pyrene	1.290	1.255	1.332	1.518	1.520	1.465	1.453	1.404	7.83
79)	S	Terphenyl-d14	1.176	1.189	1.332	1.524	1.541	1.458	1.239	1.352	11.58
80)		Butylbenzylpht...	0.489	0.479	0.515	0.562	0.568	0.545	0.524	0.526	6.53
81)		Benzo(a)anthra...	1.280	1.231	1.321	1.478	1.479	1.442	1.408	1.377	7.24
82)		3,3'-Dichlorob...	0.434	0.432	0.483	0.580	0.597	0.583	0.581	0.527	14.14
83)		Chrysene	1.208	1.170	1.214	1.342	1.369	1.325	1.296	1.275	6.03
84)		Bis(2-ethylhex...	0.726	0.725	0.775	0.843	0.852	0.814	0.765	0.786	6.61
85)	c	Di-n-octyl pht...	1.221	1.197	1.267	1.366	1.404	1.341	1.275	1.296	5.92

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.301	1.293	1.404	1.602	1.646	1.591	1.595	1.490	10.27
88)		Benzo(b)fluora...	1.128	1.149	1.209	1.406	1.415	1.408	1.390	1.301	10.16
89)		Benzo(k)fluora...	1.219	1.150	1.251	1.387	1.449	1.383	1.372	1.316	8.29
90)	C	Benzo(a)pyrene	1.094	1.066	1.147	1.295	1.330	1.298	1.297	1.218	9.15
91)		Dibenzo(a,h)an...	1.056	1.044	1.142	1.300	1.347	1.305	1.310	1.215	10.72
92)		Benzo(g,h,i)pe...	1.066	1.030	1.105	1.236	1.268	1.224	1.212	1.163	8.07

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG No.: Q1945

Instrument ID: BNA_M Calibration Date/Time: 05/07/2025 09:56

Lab File ID: BM050129.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.113		-2.5	
Benzaldehyde	0.961	0.911		-5.2	
Aniline	1.813	1.767		-2.5	
Phenol-d6	1.436	1.401		-2.4	
Phenol	1.453	1.425		-1.9	20.0
bis(2-Chloroethyl)ether	1.214	1.149		-5.4	
2-Chlorophenol	1.235	1.194		-3.3	
2-Methylphenol	0.957	0.941		-1.7	
2,2-oxybis(1-Chloropropane)	1.475	1.451		-1.6	
Acetophenone	0.497	0.472		-5.0	
3+4-Methylphenols	1.293	1.266		-2.1	
n-Nitroso-di-n-propylamine	0.921	0.900	0.050	-2.3	
Nitrobenzene-d5	0.406	0.388		-4.4	
Hexachloroethane	0.533	0.501		-6.0	
Nitrobenzene	0.351	0.337		-4.0	
Isophorone	0.692	0.664		-4.0	
2-Nitrophenol	0.179	0.179		0.0	20.0
2,4-Dimethylphenol	0.297	0.291		-2.0	
bis(2-Chloroethoxy)methane	0.428	0.407		-4.9	
2,4-Dichlorophenol	0.333	0.323		-3.0	20.0
Naphthalene	1.013	0.949		-6.3	
4-Chloroaniline	0.415	0.401		-3.4	
Hexachlorobutadiene	0.258	0.239		-7.4	20.0
Caprolactam	0.097	0.094		-3.1	
4-Chloro-3-methylphenol	0.308	0.294		-4.5	20.0
2-Methylnaphthalene	0.679	0.636		-6.3	
Hexachlorocyclopentadiene	0.423	0.361	0.050	-14.7	
2,4,6-Trichlorophenol	0.439	0.428		-2.5	20.0
2-Fluorobiphenyl	1.691	1.612		-4.7	
2,4,5-Trichlorophenol	0.474	0.464		-2.1	
1,1-Biphenyl	1.487	1.400		-5.9	
2-Chloronaphthalene	1.177	1.109		-5.8	
2-Nitroaniline	0.276	0.279		1.1	
Dimethylphthalate	1.462	1.370		-6.3	
Acenaphthylene	1.857	1.752		-5.7	
2,6-Dinitrotoluene	0.303	0.297		-2.0	
3-Nitroaniline	0.289	0.290		0.3	
Acenaphthene	1.075	1.006		-6.4	20.0
2,4-Dinitrophenol	0.164	0.160	0.050	-2.4	

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG No.: Q1945

Instrument ID: BNA_M Calibration Date/Time: 05/07/2025 09:56

Lab File ID: BM050129.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
4-Nitrophenol	0.205	0.189	0.050	-7.8	
Dibenzofuran	1.788	1.674		-6.4	
2,4-Dinitrotoluene	0.418	0.415		-0.7	
Diethylphthalate	1.377	1.278		-7.2	
4-Chlorophenyl-phenylether	0.804	0.755		-6.1	
Fluorene	1.463	1.378		-5.8	
4-Nitroaniline	0.279	0.284		1.8	
4,6-Dinitro-2-methylphenol	0.125	0.121		-3.2	
n-Nitrosodiphenylamine	0.614	0.583		-5.0	20.0
2,4,6-Tribromophenol	0.296	0.285		-3.7	
4-Bromophenyl-phenylether	0.242	0.230		-5.0	
Hexachlorobenzene	0.279	0.263		-5.7	
Atrazine	0.222	0.211		-5.0	
Pentachlorophenol	0.157	0.144		-8.3	20.0
Phenanthrene	1.128	1.052		-6.7	
Anthracene	1.142	1.076		-5.8	
Carbazole	0.991	0.951		-4.0	
Di-n-butylphthalate	1.180	1.112		-5.8	
Fluoranthene	1.324	1.258		-5.0	20.0
Pyrene	1.404	1.381		-1.6	
Terphenyl-d14	1.352	1.351		-0.1	
Butylbenzylphthalate	0.526	0.517		-1.7	
3,3-Dichlorobenzidine	0.527	0.511		-3.0	
Benzo(a)anthracene	1.377	1.299		-5.7	
Chrysene	1.275	1.183		-7.2	
Bis(2-ethylhexyl)phthalate	0.786	0.740		-5.9	
Di-n-octyl phthalate	1.296	1.213		-6.4	20.0
Benzo(b)fluoranthene	1.301	1.180		-9.3	
Benzo(k)fluoranthene	1.316	1.208		-8.2	
Benzo(a)pyrene	1.218	1.131		-7.1	20.0
Indeno(1,2,3-cd)pyrene	1.490	1.413		-5.2	
Dibenzo(a,h)anthracene	1.215	1.160		-4.5	
Benzo(g,h,i)perylene	1.163	1.102		-5.2	
1,2,4,5-Tetrachlorobenzene	0.692	0.657		-5.1	
1,4-Dioxane	0.490	0.461		-5.9	20.0
2,3,4,6-Tetrachlorophenol	0.410	0.388		-5.4	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG No.: Q1945

Instrument ID: BNA_M Calibration Date/Time: 05/08/2025 10:41

Lab File ID: BM050140.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.109		-2.9	
Benzaldehyde	0.961	0.933		-2.9	
Aniline	1.813	1.775		-2.1	
Phenol-d6	1.436	1.425		-0.8	
Phenol	1.453	1.439		-1.0	20.0
bis(2-Chloroethyl)ether	1.214	1.166		-4.0	
2-Chlorophenol	1.235	1.198		-3.0	
2-Methylphenol	0.957	0.937		-2.1	
2,2-oxybis(1-Chloropropane)	1.475	1.453		-1.5	
Acetophenone	0.497	0.474		-4.6	
3+4-Methylphenols	1.293	1.279		-1.1	
n-Nitroso-di-n-propylamine	0.921	0.911	0.050	-1.1	
Nitrobenzene-d5	0.406	0.390		-3.9	
Hexachloroethane	0.533	0.500		-6.2	
Nitrobenzene	0.351	0.337		-4.0	
Isophorone	0.692	0.663		-4.2	
2-Nitrophenol	0.179	0.183		2.2	20.0
2,4-Dimethylphenol	0.297	0.293		-1.3	
bis(2-Chloroethoxy)methane	0.428	0.411		-4.0	
2,4-Dichlorophenol	0.333	0.322		-3.3	20.0
Naphthalene	1.013	0.949		-6.3	
4-Chloroaniline	0.415	0.399		-3.9	
Hexachlorobutadiene	0.258	0.244		-5.4	20.0
Caprolactam	0.097	0.090		-7.2	
4-Chloro-3-methylphenol	0.308	0.293		-4.9	20.0
2-Methylnaphthalene	0.679	0.643		-5.3	
Hexachlorocyclopentadiene	0.423	0.394	0.050	-6.9	
2,4,6-Trichlorophenol	0.439	0.444		1.1	20.0
2-Fluorobiphenyl	1.691	1.640		-3.0	
2,4,5-Trichlorophenol	0.474	0.470		-0.8	
1,1-Biphenyl	1.487	1.422		-4.4	
2-Chloronaphthalene	1.177	1.124		-4.5	
2-Nitroaniline	0.276	0.277		0.4	
Dimethylphthalate	1.462	1.353		-7.5	
Acenaphthylene	1.857	1.762		-5.1	
2,6-Dinitrotoluene	0.303	0.293		-3.3	
3-Nitroaniline	0.289	0.282		-2.4	
Acenaphthene	1.075	1.012		-5.9	20.0
2,4-Dinitrophenol	0.164	0.155	0.050	-5.5	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG No.: Q1945

Instrument ID: BNA_M Calibration Date/Time: 05/08/2025 10:41

Lab File ID: BM050140.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
4-Nitrophenol	0.205	0.181	0.050	-11.7	
Dibenzofuran	1.788	1.680		-6.0	
2,4-Dinitrotoluene	0.418	0.409		-2.2	
Diethylphthalate	1.377	1.253		-9.0	
4-Chlorophenyl-phenylether	0.804	0.768		-4.5	
Fluorene	1.463	1.365		-6.7	
4-Nitroaniline	0.279	0.246		-11.8	
4,6-Dinitro-2-methylphenol	0.125	0.121		-3.2	
n-Nitrosodiphenylamine	0.614	0.603		-1.8	20.0
2,4,6-Tribromophenol	0.296	0.286		-3.4	
4-Bromophenyl-phenylether	0.242	0.240		-0.8	
Hexachlorobenzene	0.279	0.271		-2.9	
Atrazine	0.222	0.212		-4.5	
Pentachlorophenol	0.157	0.148		-5.7	20.0
Phenanthrene	1.128	1.059		-6.1	
Anthracene	1.142	1.078		-5.6	
Carbazole	0.991	0.919		-7.3	
Di-n-butylphthalate	1.180	1.082		-8.3	
Fluoranthene	1.324	1.185		-10.5	20.0
Pyrene	1.404	1.584		12.8	
Terphenyl-d14	1.352	1.555		15.0	
Butylbenzylphthalate	0.526	0.538		2.3	
3,3-Dichlorobenzidine	0.527	0.482		-8.5	
Benzo(a)anthracene	1.377	1.314		-4.6	
Chrysene	1.275	1.201		-5.8	
Bis(2-ethylhexyl)phthalate	0.786	0.738		-6.1	
Di-n-octyl phthalate	1.296	1.114		-14.0	20.0
Benzo(b)fluoranthene	1.301	1.242		-4.5	
Benzo(k)fluoranthene	1.316	1.279		-2.8	
Benzo(a)pyrene	1.218	1.160		-4.8	20.0
Indeno(1,2,3-cd)pyrene	1.490	1.414		-5.1	
Dibenzo(a,h)anthracene	1.215	1.154		-5.0	
Benzo(g,h,i)perylene	1.163	1.097		-5.7	
1,2,4,5-Tetrachlorobenzene	0.692	0.686		-0.9	
1,4-Dioxane	0.490	0.453		-7.6	20.0
2,3,4,6-Tetrachlorophenol	0.410	0.385		-6.1	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

Quant Time: May 07 15:01:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

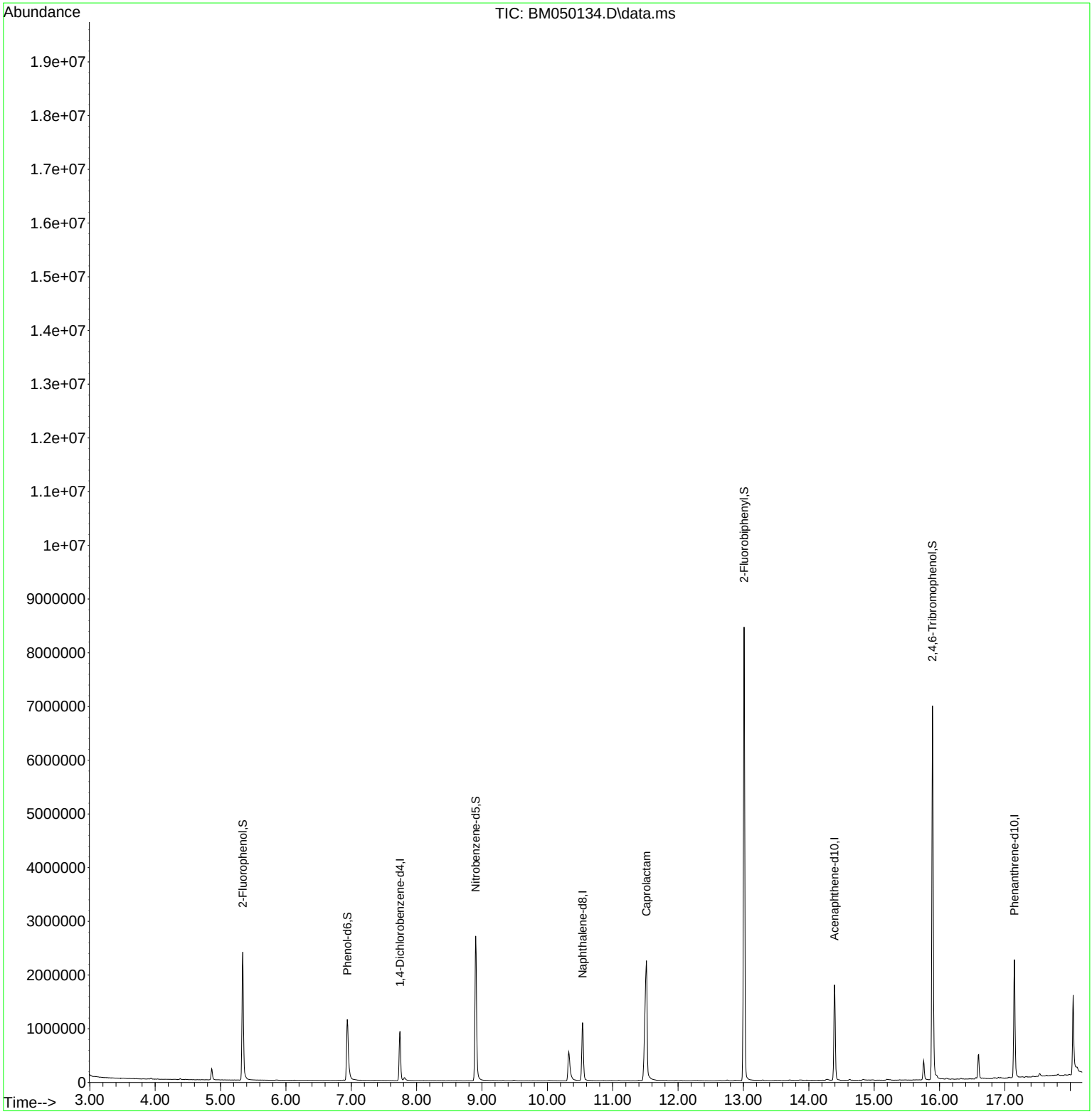
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	277291	20.000	ng	-0.02
21) Naphthalene-d8	10.540	136	994970	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	676090	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1357979	20.000	ng	-0.01
76) Chrysene-d12	21.392	240	1252372	20.000	ng	0.00
86) Perylene-d12	24.386	264	1282159	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1154676	72.917	ng	-0.02
7) Phenol-d6	6.940	99	906174	45.529	ng	-0.01
23) Nitrobenzene-d5	8.904	82	1712536	84.814	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1605708	160.621	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	4624825	80.923	ng	-0.02
79) Terphenyl-d14	19.774	244	7828359	92.496	ng	0.00
Target Compounds						Qvalue
35) Caprolactam	11.516	113	646736	133.856	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

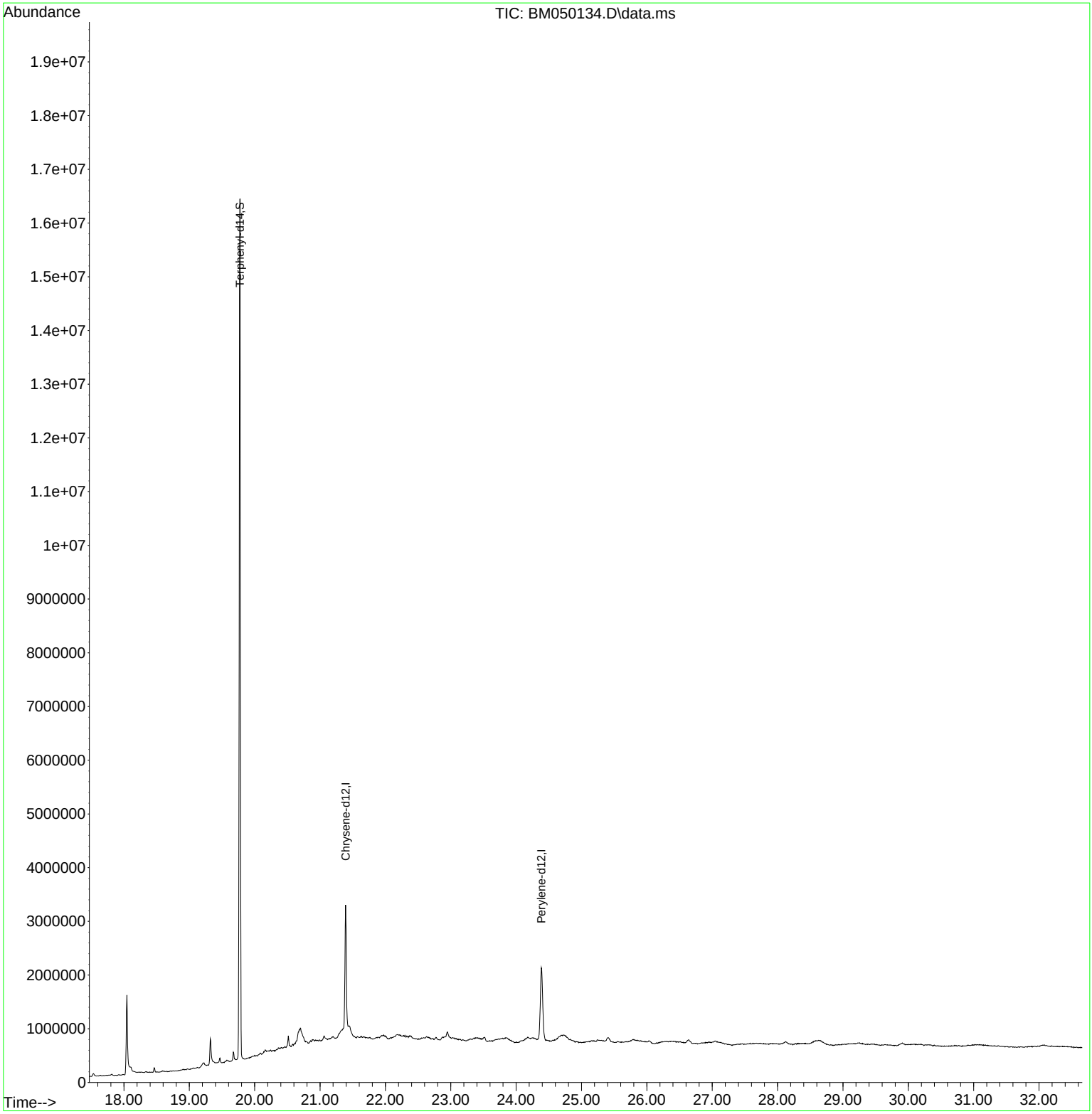
Quant Time: May 07 15:01:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



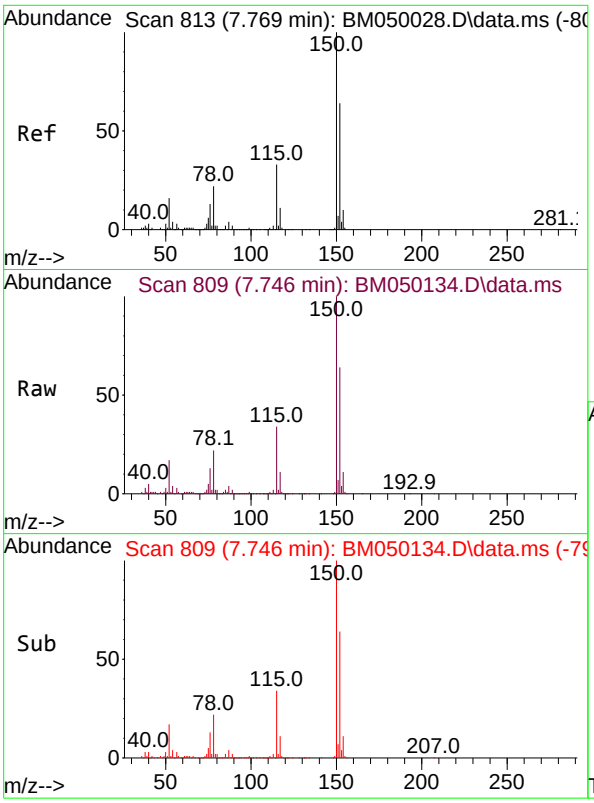
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

Quant Time: May 07 15:01:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



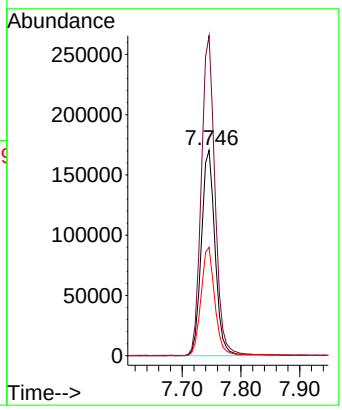
Instrument :
BNA_M
ClientSampleId :
GB1W

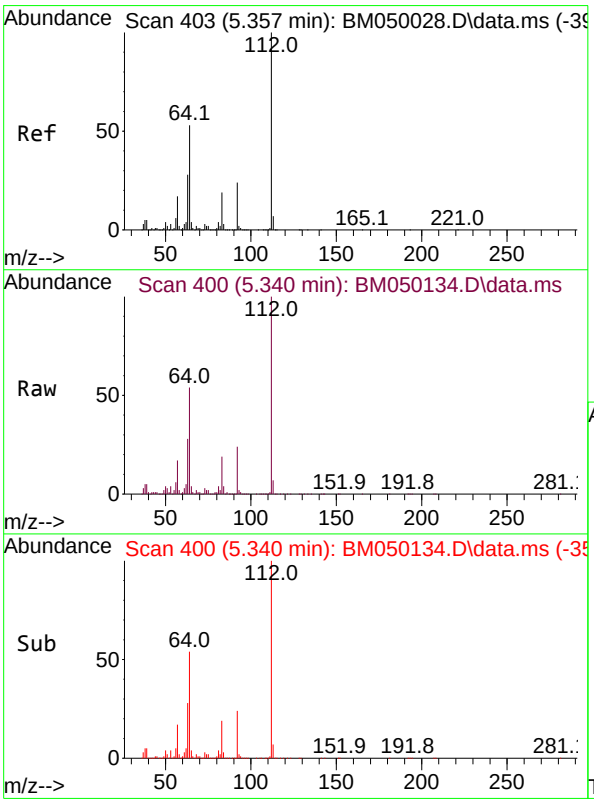


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 80
Delta R.T. -0.023 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:152 Resp: 277291

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.1	186.1
115	52.7	41.2	61.8

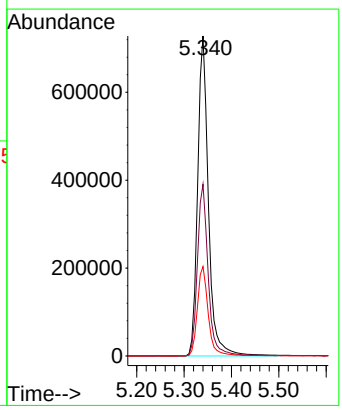




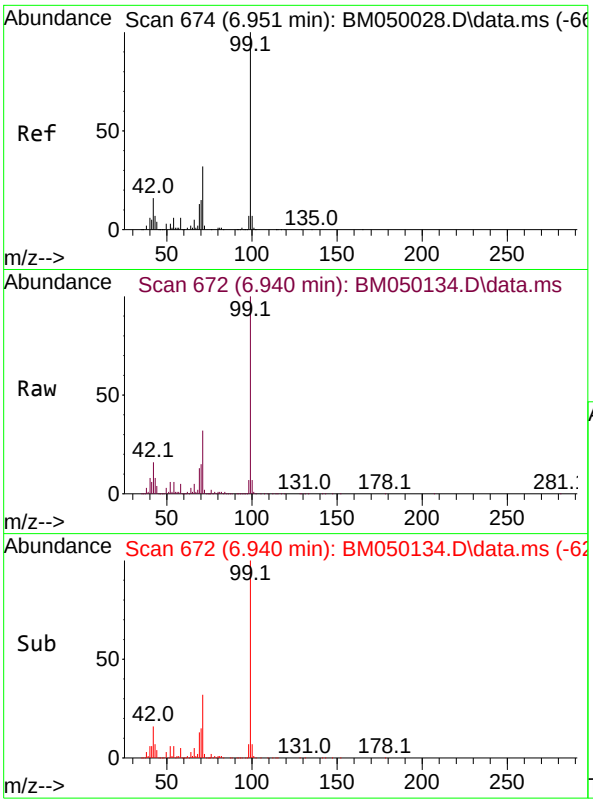
#5
2-Fluorophenol
Concen: 72.917 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.017 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:112 Resp: 1154676

Ion	Ratio	Lower	Upper
112	100		
64	53.7	42.6	64.0
63	28.0	22.2	33.4



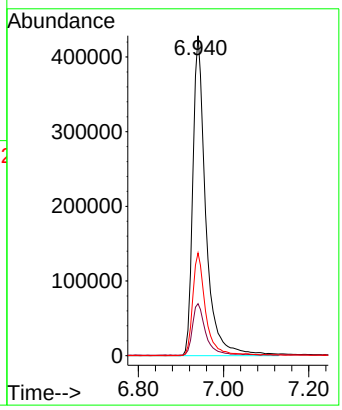
Instrument :
BNA_M
ClientSampleId :
GB1W

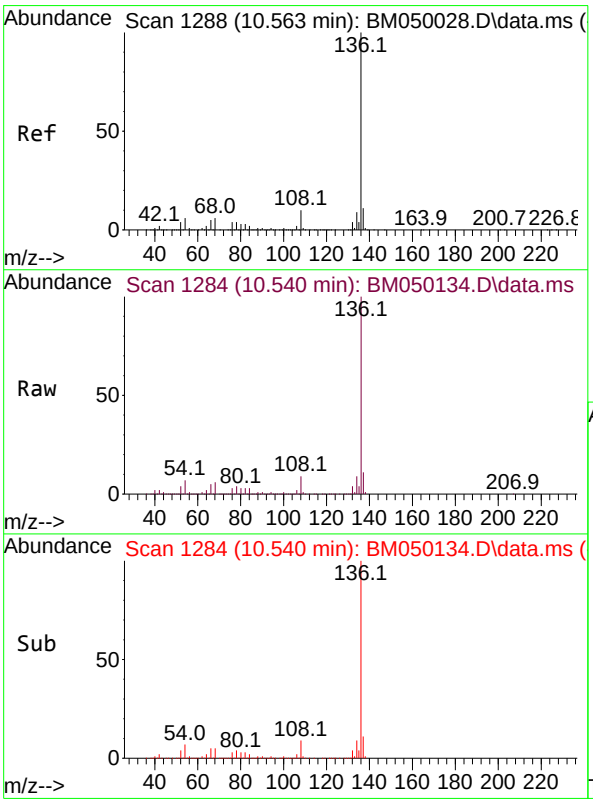


#7
Phenol-d6
Concen: 45.529 ng
RT: 6.940 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion: 99 Resp: 906174

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.0	19.4
71	32.1	25.6	38.4

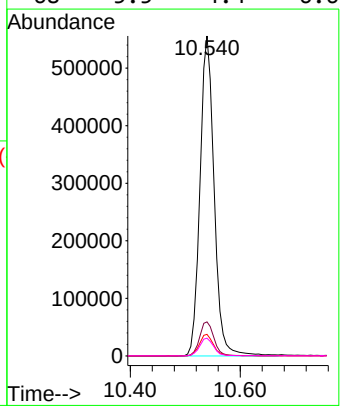




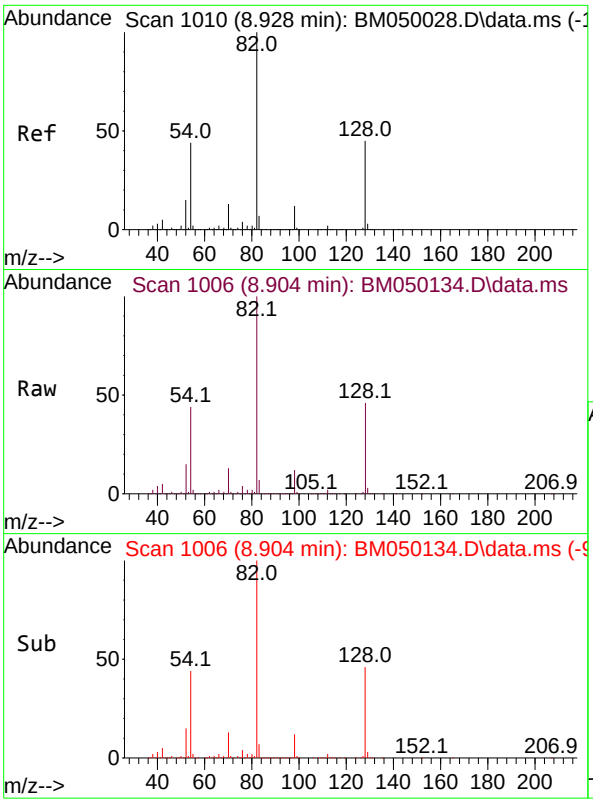
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:136 Resp: 994970

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.8	5.1	7.7
68	5.5	4.4	6.6



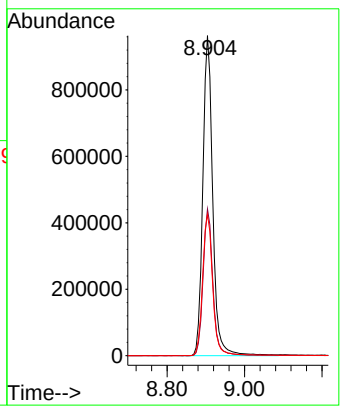
Instrument :
BNA_M
ClientSampleId :
GB1W

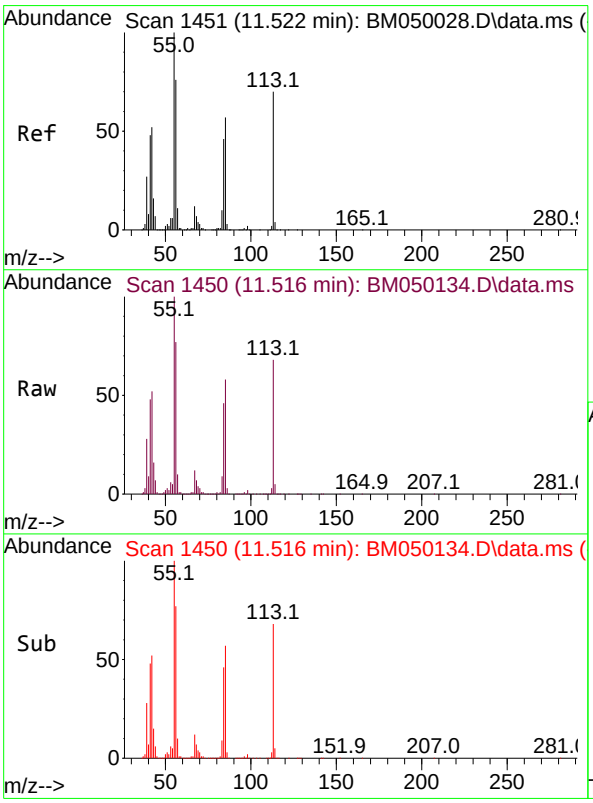


#23
Nitrobenzene-d5
Concen: 84.814 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion: 82 Resp: 1712536

Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.7	53.5
54	44.1	35.4	53.2

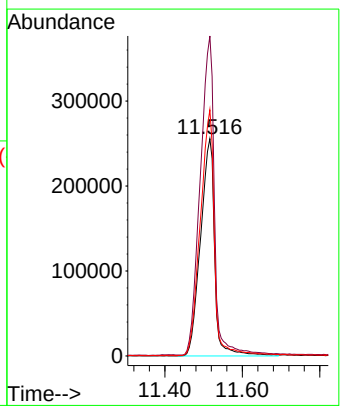




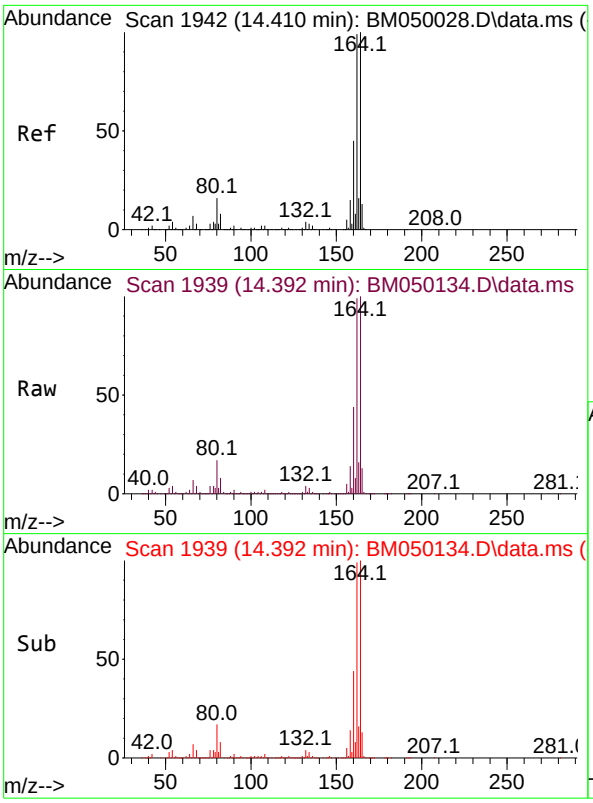
#35
Caprolactam
Concen: 133.856 ng
RT: 11.516 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:113 Resp: 646736

Ion	Ratio	Lower	Upper
113	100		
55	147.2	122.9	162.9
56	113.3	88.1	128.1



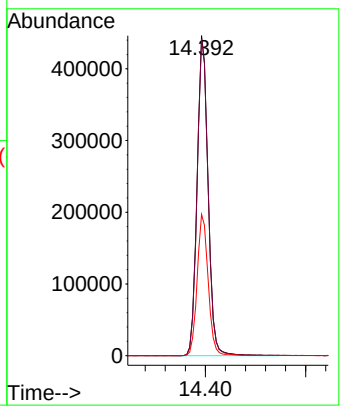
Instrument :
BNA_M
ClientSampleId :
GB1W

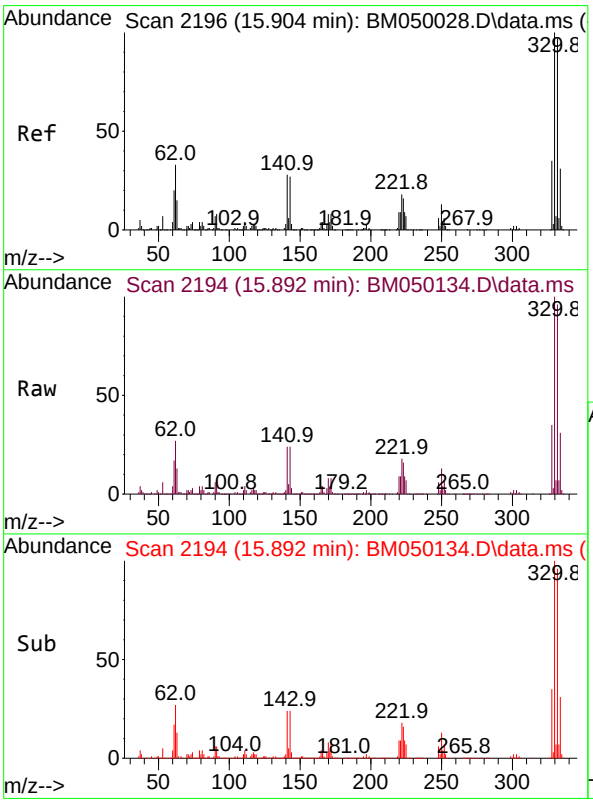


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:164 Resp: 676090

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.4	119.0
160	44.1	36.2	54.4

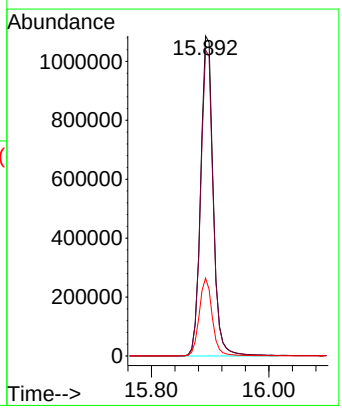




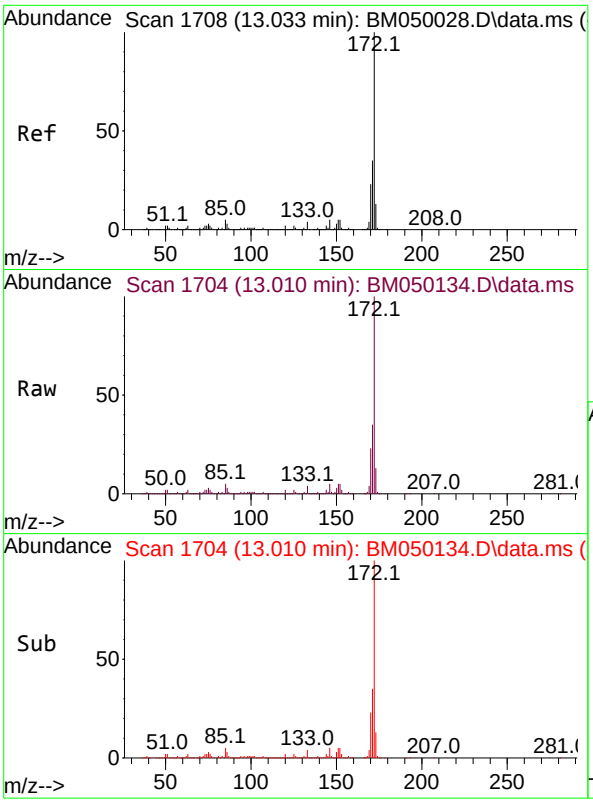
#42
2,4,6-Tribromophenol
Concen: 160.621 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:330 Resp: 1605708

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	25.2	22.5	33.7



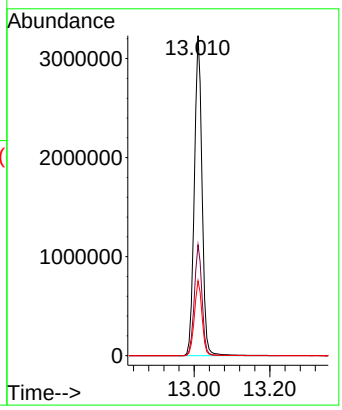
Instrument :
BNA_M
ClientSampleId :
GB1W

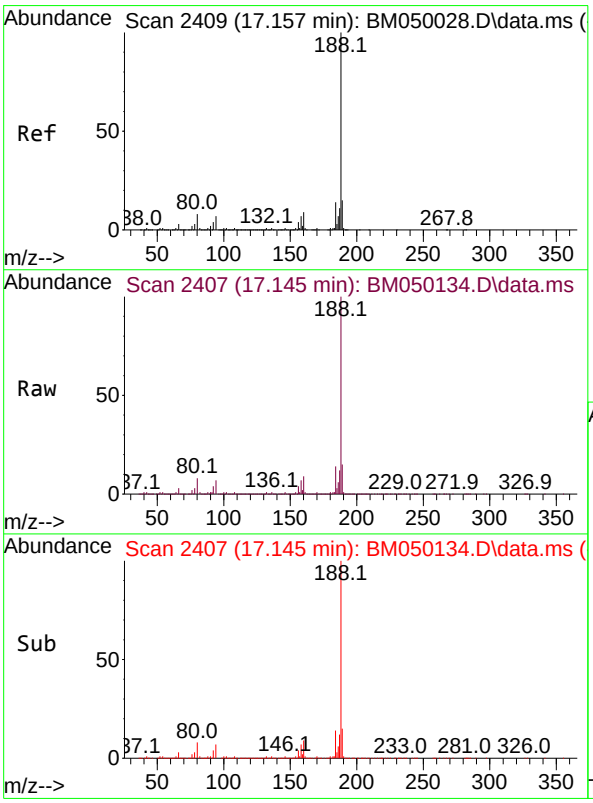


#45
2-Fluorobiphenyl
Concen: 80.923 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:172 Resp: 4624825

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.4	18.6	28.0

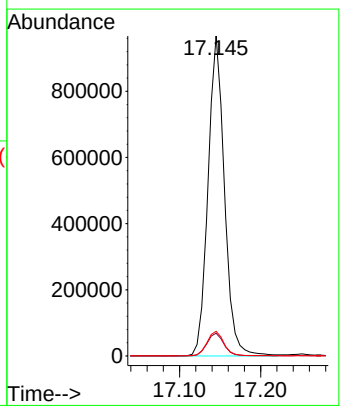




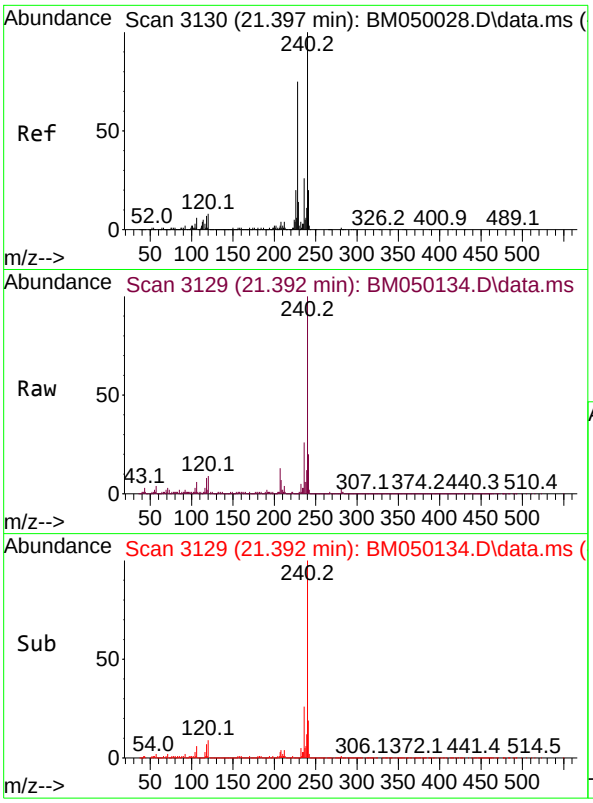
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:188 Resp: 1357979

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.7	6.2	9.4



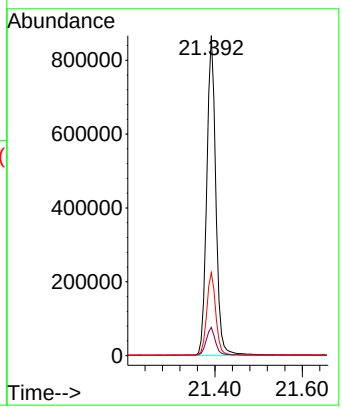
Instrument :
BNA_M
ClientSampleId :
GB1W

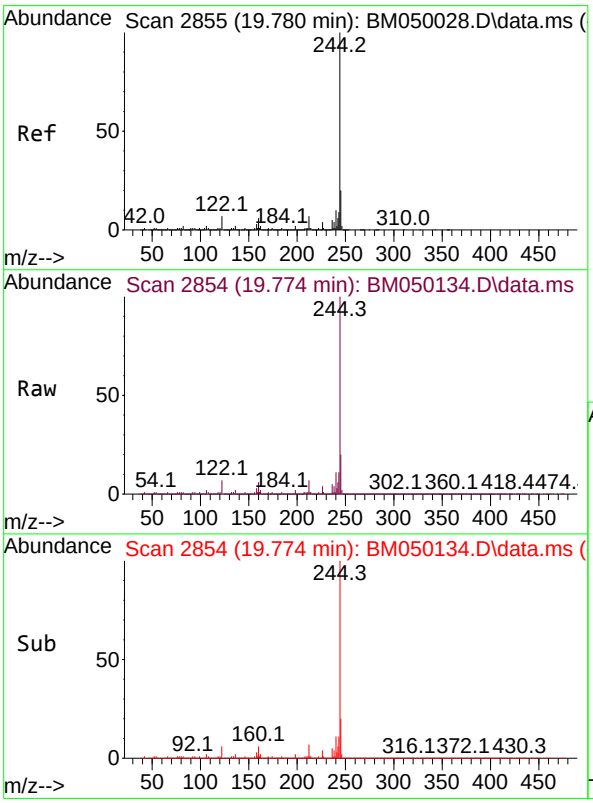


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:240 Resp: 1252372

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.5	9.7
236	25.9	20.9	31.3

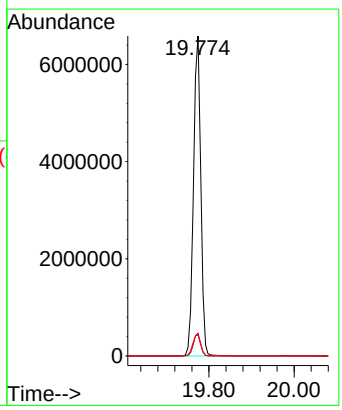


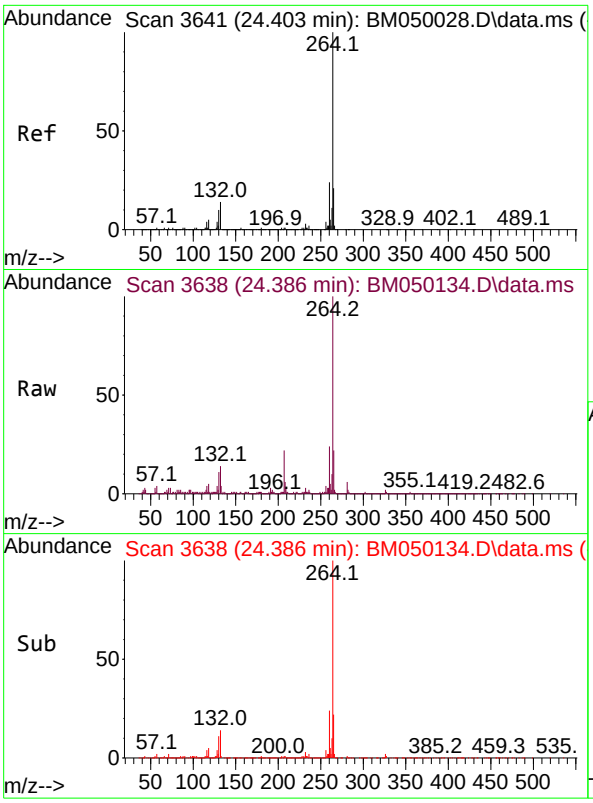


#79
Terphenyl-d14
Concen: 92.496 ng
RT: 19.774 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:244 Resp: 7828359

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.5	5.6	8.4



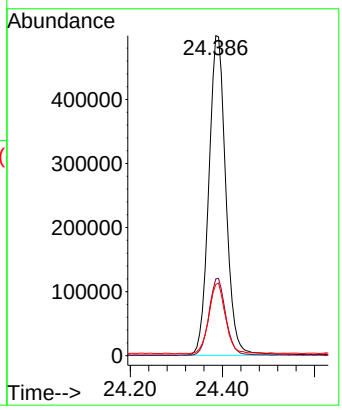


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.386 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Instrument :
BNA_M
ClientSampleId :
GB1W

Tgt Ion:264 Resp: 1282159

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	22.2	17.0	25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050134.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.863	314	319	331	rVB	208240	310157	1.61%	0.384%
2	5.340	393	400	415	rBV	2385945	3770258	19.55%	4.663%
3	6.940	665	672	699	rBV	1132890	2400630	12.45%	2.969%
4	7.746	799	809	816	rBV	922189	1502810	7.79%	1.859%
5	8.904	998	1006	1023	rBV	2695910	4799196	24.88%	5.935%
6	10.328	1241	1248	1269	rBV	537750	1312818	6.81%	1.624%
7	10.540	1277	1284	1297	rBV	1075868	1918339	9.95%	2.372%
8	11.516	1438	1450	1477	rBV	2231038	5625961	29.17%	6.958%
9	13.010	1697	1704	1722	rBV	8445469	12165948	63.08%	15.046%
10	14.392	1933	1939	1956	rVB	1779670	2743703	14.23%	3.393%
11	15.757	2165	2171	2182	rBV	352981	520261	2.70%	0.643%
12	15.892	2187	2194	2216	rBV	6964284	10602956	54.98%	13.113%
13	16.598	2309	2314	2321	rVB	441338	616059	3.19%	0.762%
14	17.145	2401	2407	2420	rBV	2197050	3170702	16.44%	3.921%
15	18.045	2554	2560	2568	rBV	1487258	2215520	11.49%	2.740%
16	19.321	2773	2777	2789	rBV	484335	839837	4.35%	1.039%
17	19.674	2834	2837	2844	rBV	151479	193997	1.01%	0.240%
18	19.774	2848	2854	2862	rVB	16012713	19286006	100.00%	23.851%
19	20.515	2978	2980	2987	rVB	206589	207304	1.07%	0.256%
20	21.392	3124	3129	3135	rBV	2282621	3267112	16.94%	4.041%
21	24.386	3632	3638	3649	rVB	1351096	3389325	17.57%	4.192%

Sum of corrected areas: 80858899

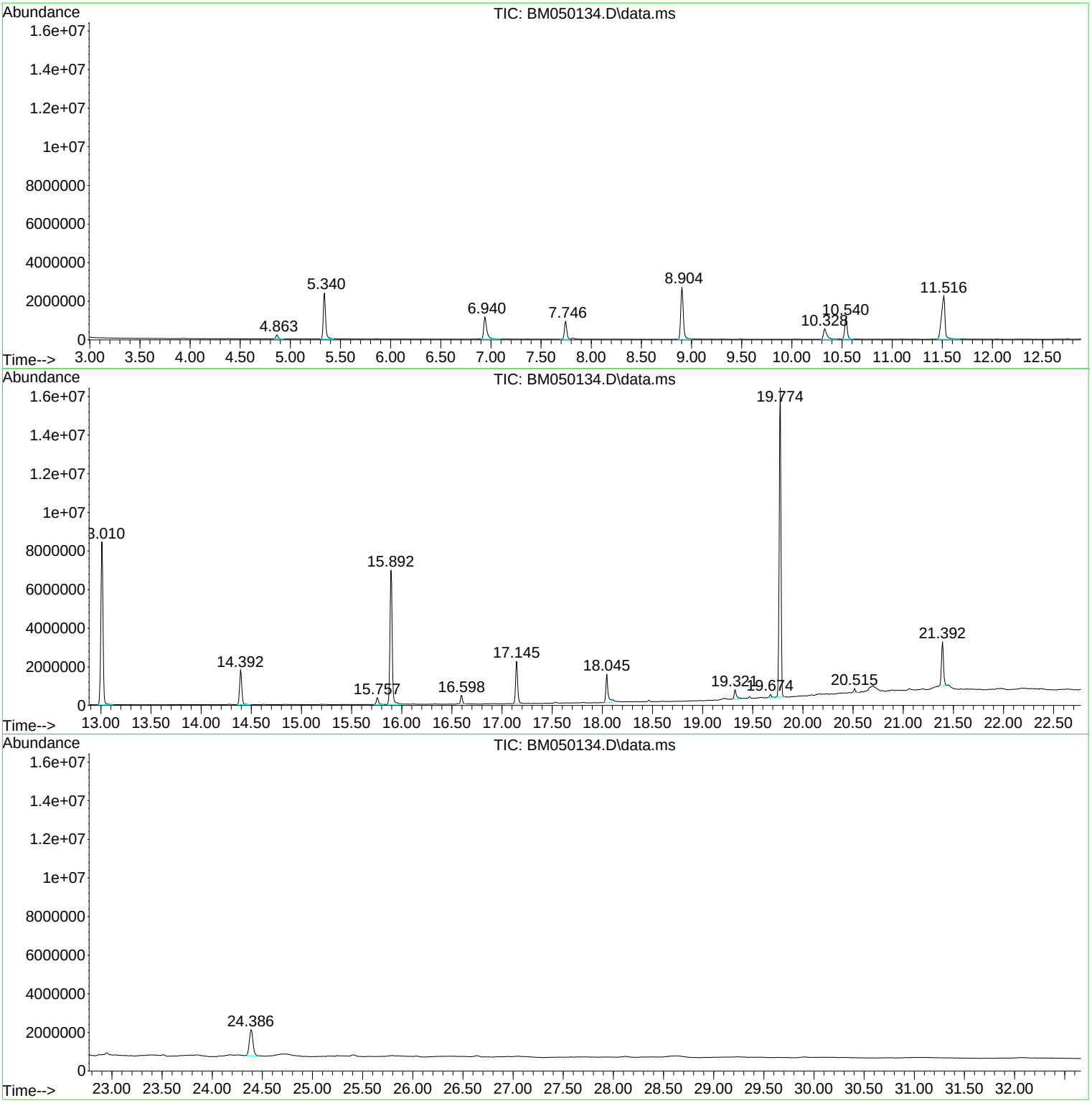
Sample Results: **BM050134.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

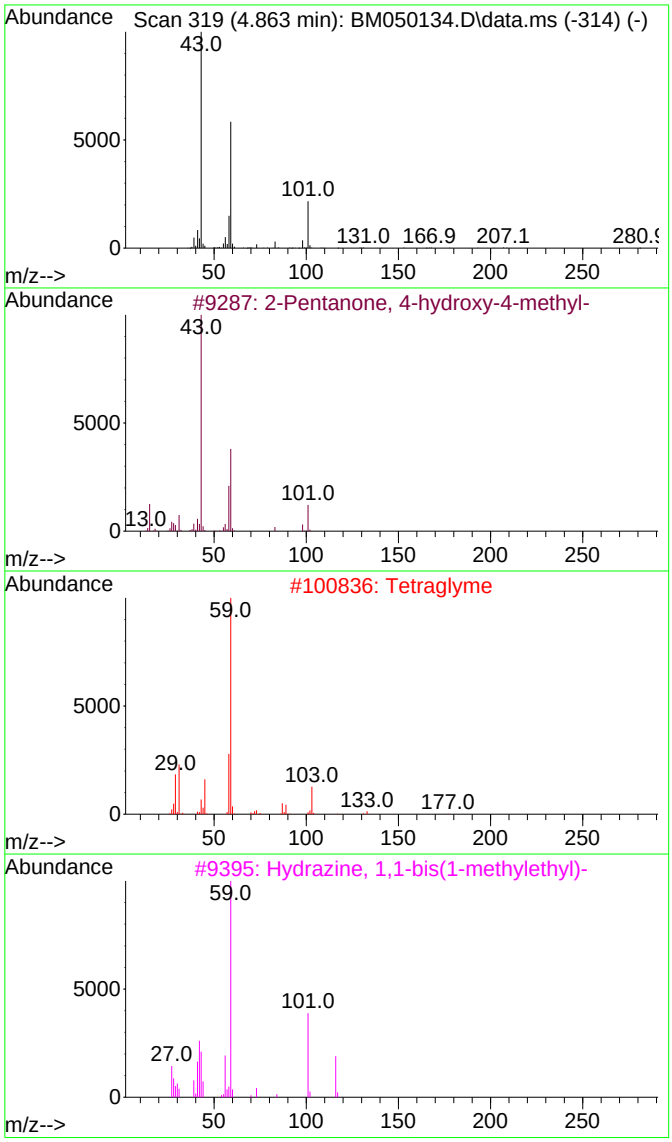
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

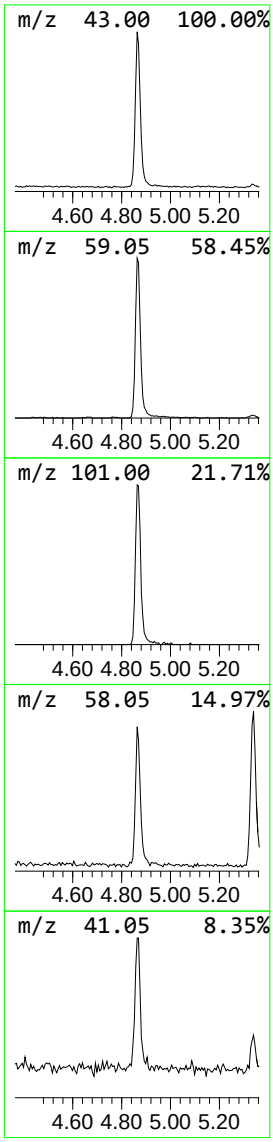
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.863	4.13 ng	310157	1,4-Dichlorobenzene-d4	7.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Tetraglyme	222	C10H22O5	000143-24-8	37
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

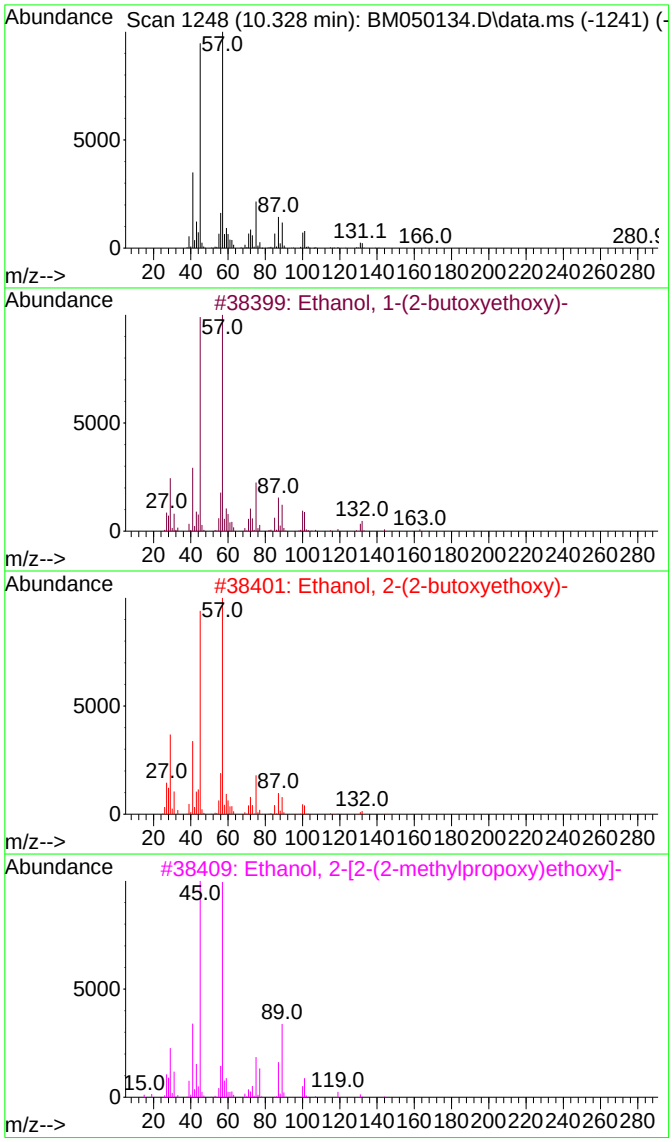
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

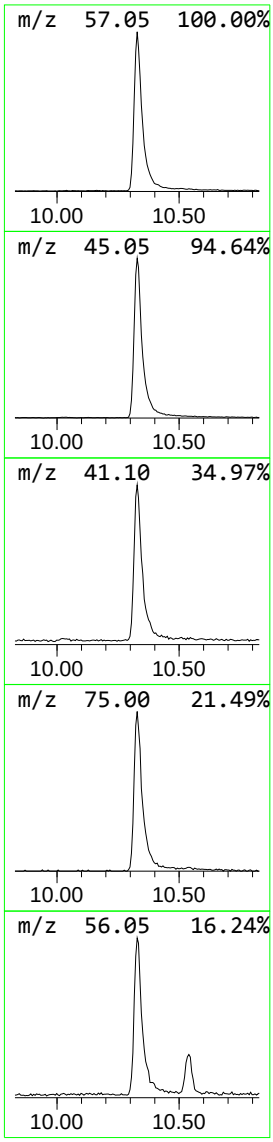
****

Peak Number 2 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.328	13.69 ng	1312820	Naphthalene-d8	10.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52
5	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

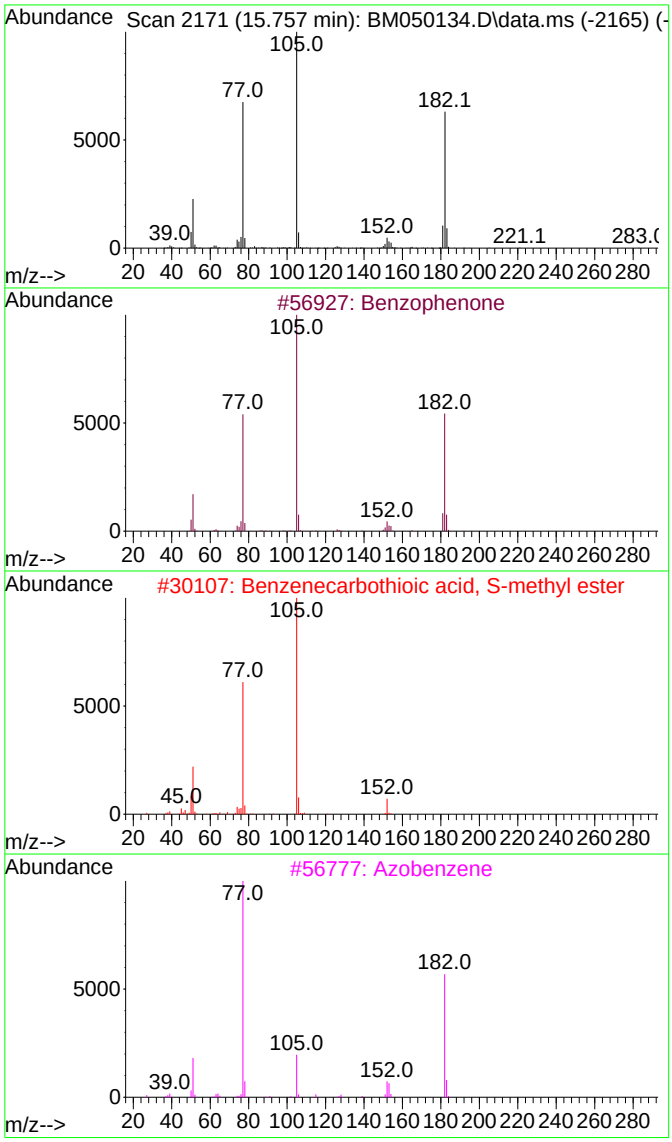
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

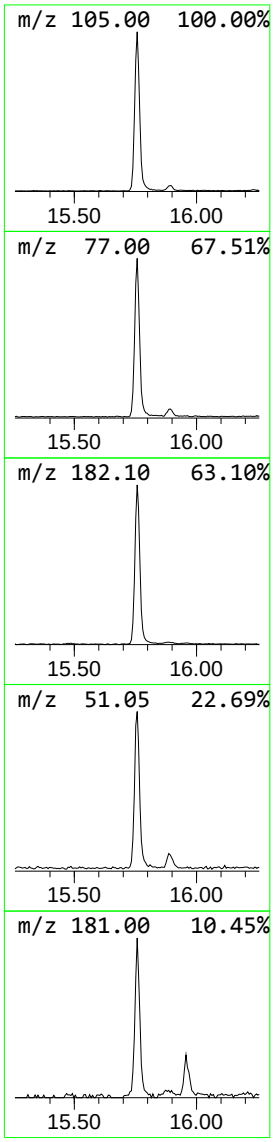
****

Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	3.79 ng	520261	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
3	Azobenzene	182	C12H10N2	000103-33-3	47
4	N-[2,2-Dichloro-1-(toluene-4-sul...	371	C16H15Cl2NO3S	136800-77-6	43
5	Vinyl benzoate	148	C9H8O2	000769-78-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

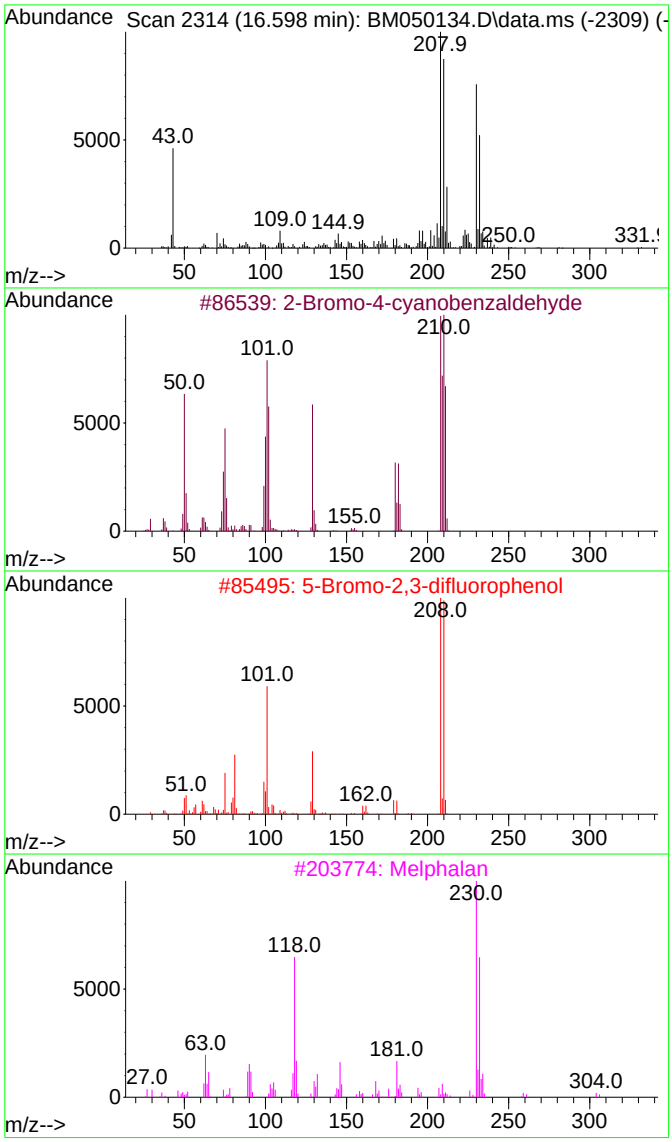
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

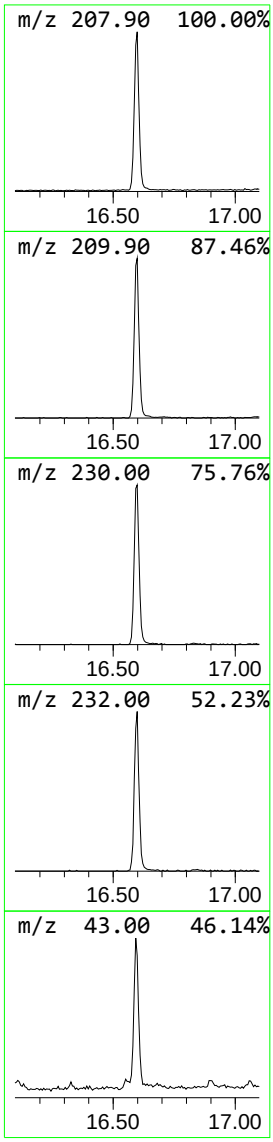
****

Peak Number 4 unknown16.598 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.598	3.89 ng	616059	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo-4-cyanobenzaldehyde	209	C8H4BrNO	089891-69-0	38
2	5-Bromo-2,3-difluorophenol	208	C6H3BrF2O	186590-26-1	35
3	Melphalan	304	C13H18Cl2N2O2	000148-82-3	27
4	Methyl 2-amino-3-(4-(N,N-bis(2-c...	318	C14H20Cl2N2O2	1000468-61-4	22
5	2-(1-Piperazinyl)nicotinamide, N...	278	C13H22N4OSi	1000476-27-4	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

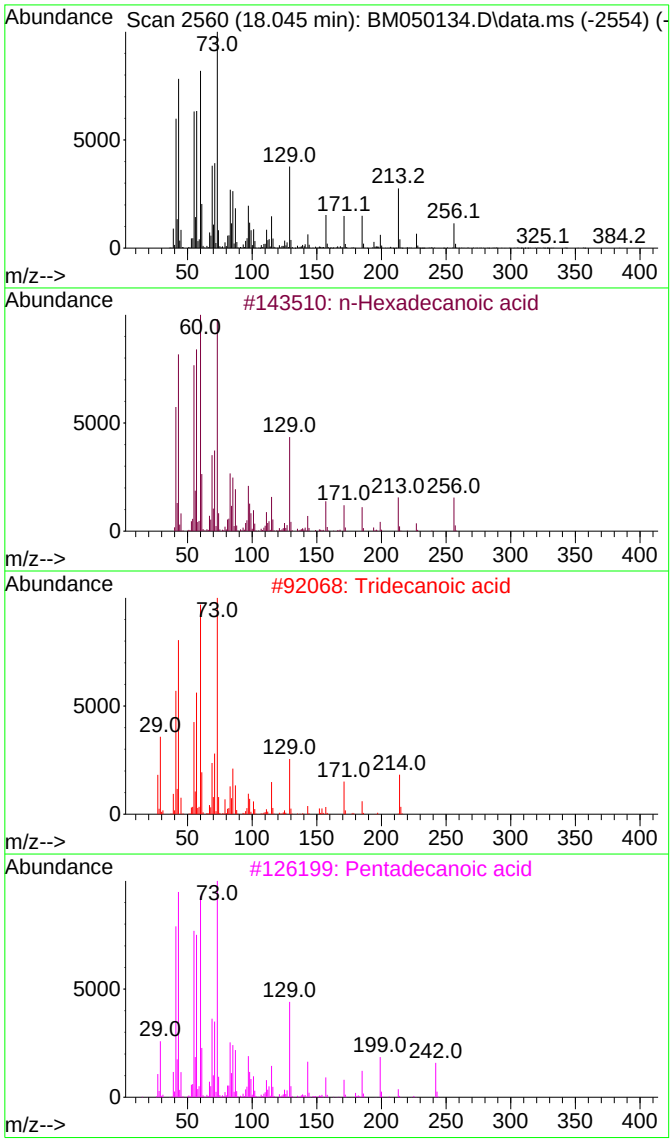
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

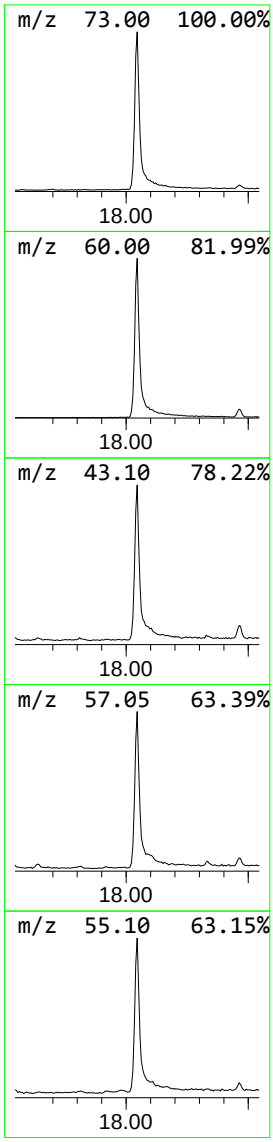
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	13.97 ng	2215520	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

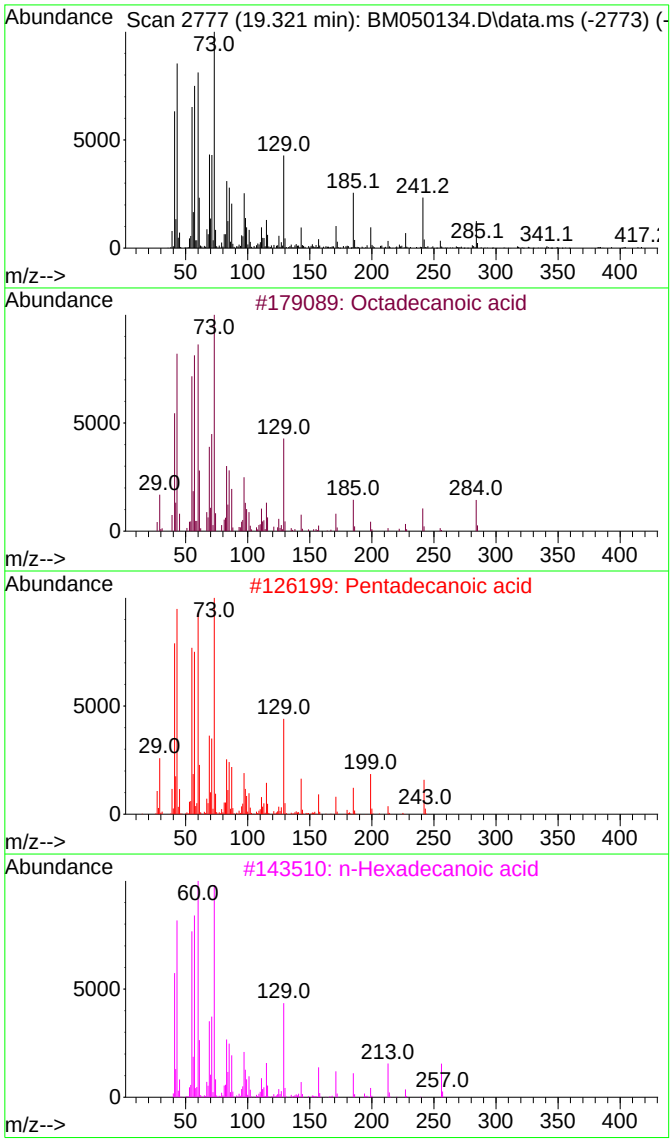
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

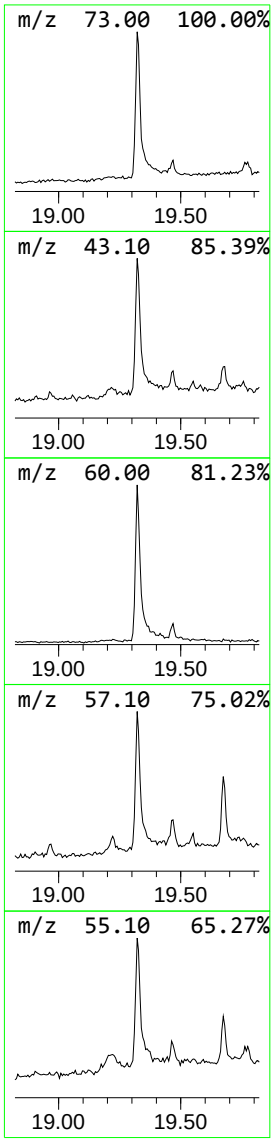
****

Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	5.14 ng	839837	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.863	4.1	ng	310157	1	7.746	1502810	20.0
Ethanol, 1-(2-b...	10.328	13.7	ng	1312820	2	10.540	1918340	20.0
Benzophenone	15.757	3.8	ng	520261	3	14.392	2743700	20.0
unknown16.598	16.598	3.9	ng	616059	4	17.145	3170700	20.0
n-Hexadecanoic ...	18.045	14.0	ng	2215520	4	17.145	3170700	20.0
Octadecanoic acid	19.321	5.1	ng	839837	5	21.392	3267110	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050137.D
Acq On : 07 May 2025 16:24
Operator : RC/JU
Sample : Q1945-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1WDL

Quant Time: May 07 17:05:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

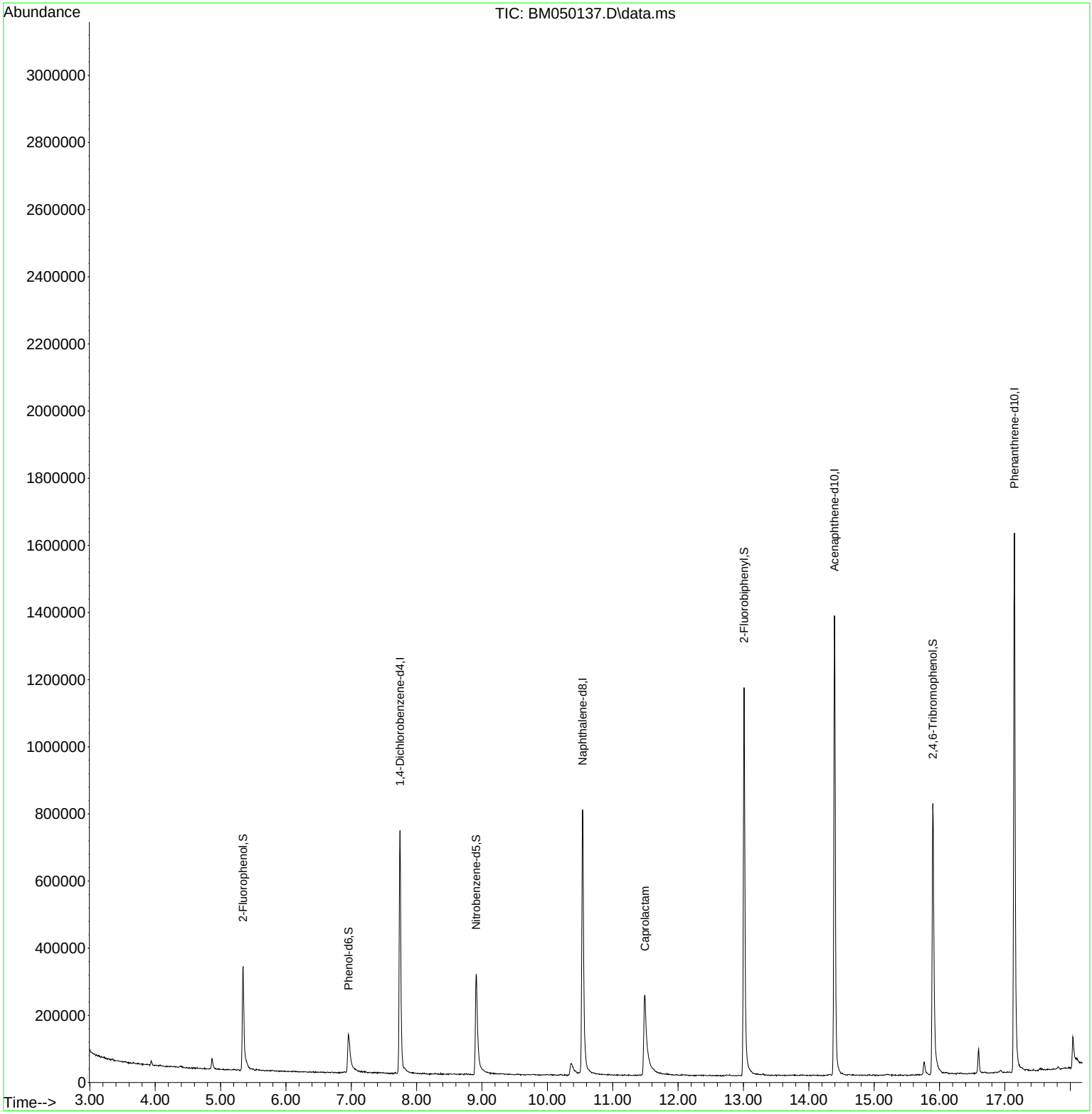
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	237908	20.000	ng	-0.02
21) Naphthalene-d8	10.540	136	833708	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	563306	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1154973	20.000	ng	-0.01
76) Chrysene-d12	21.392	240	1121664	20.000	ng	0.00
86) Perylene-d12	24.386	264	1136201	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	193342	14.231	ng	-0.01
7) Phenol-d6	6.957	99	135739	7.949	ng	0.00
23) Nitrobenzene-d5	8.910	82	275583	16.288	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	223621	26.848	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	748052	15.710	ng	-0.02
79) Terphenyl-d14	19.768	244	1216066	16.043	ng	-0.01
Target Compounds						Qvalue
35) Caprolactam	11.492	113	95555m	23.603	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050137.D
Acq On : 07 May 2025 16:24
Operator : RC/JU
Sample : Q1945-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1WDL

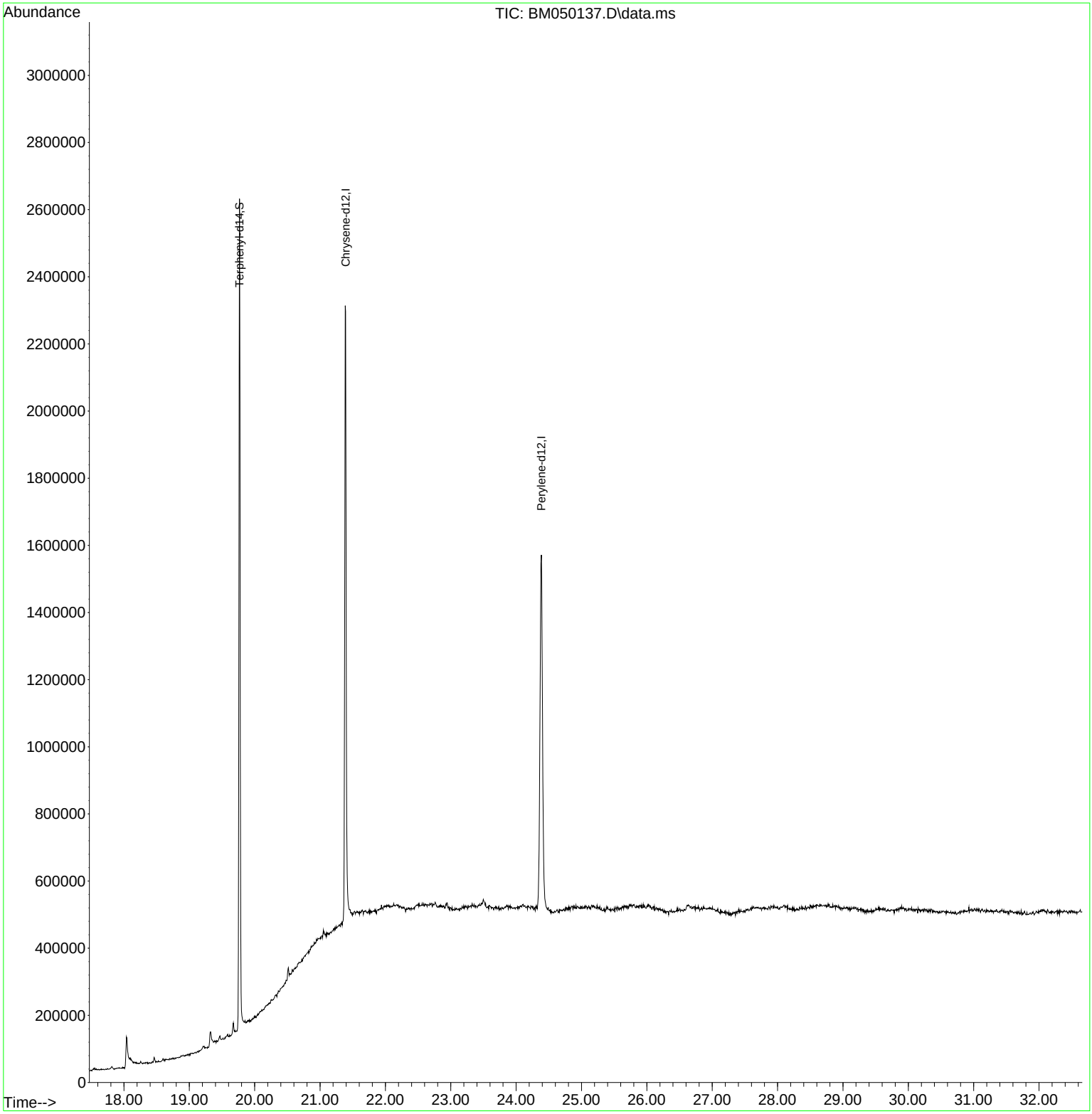
Quant Time: May 07 17:05:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



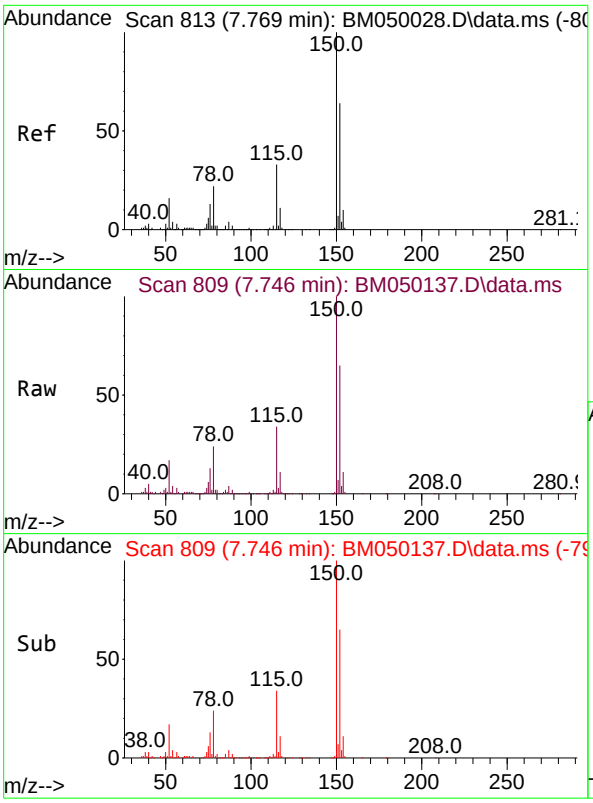
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050137.D
Acq On : 07 May 2025 16:24
Operator : RC/JU
Sample : Q1945-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1WDL

Quant Time: May 07 17:05:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



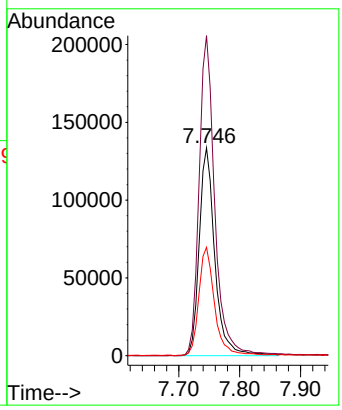
Instrument :
BNA_M
ClientSampleId :
GB1WDL

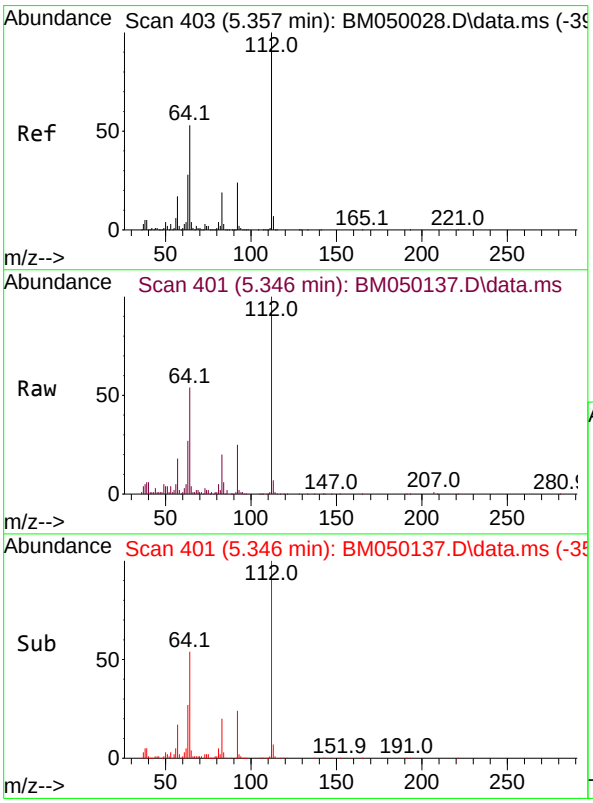


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 80
Delta R.T. -0.023 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

Tgt Ion:152 Resp: 237908

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.1	186.1
115	52.1	41.2	61.8

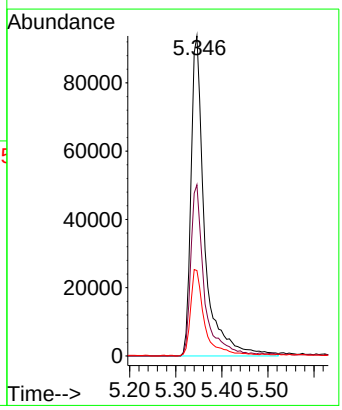




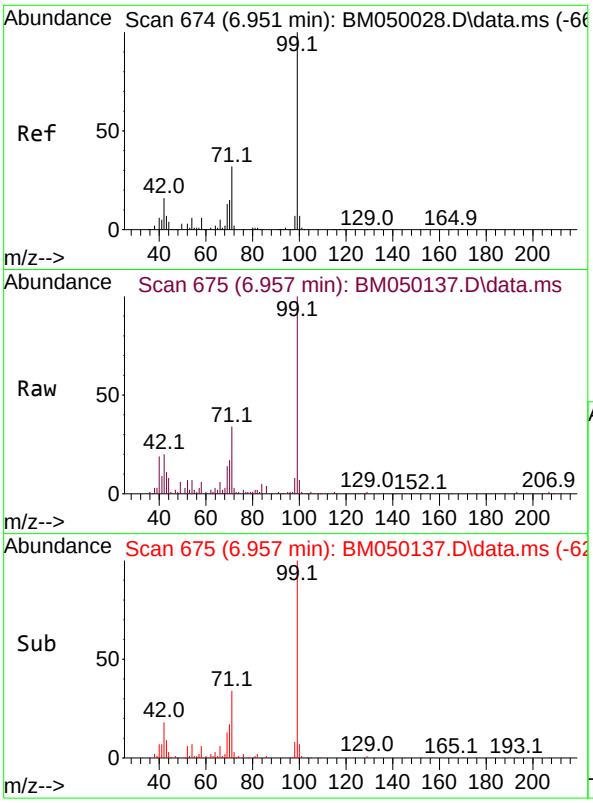
#5
2-Fluorophenol
Concen: 14.231 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.012 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

Tgt Ion:112 Resp: 193342

Ion	Ratio	Lower	Upper
112	100		
64	53.5	42.6	64.0
63	26.7	22.2	33.4



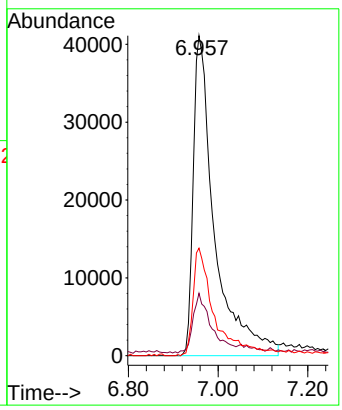
Instrument :
BNA_M
ClientSampleId :
GB1WDL

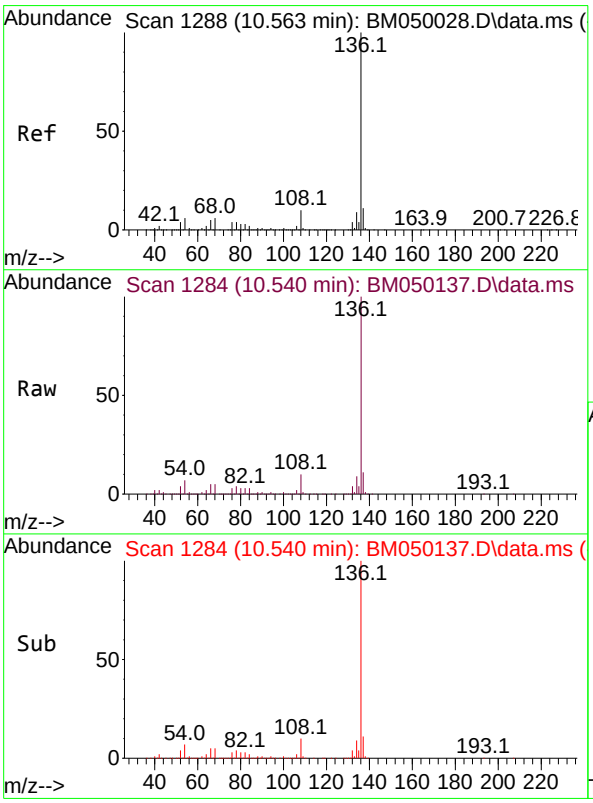


#7
Phenol-d6
Concen: 7.949 ng
RT: 6.957 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

Tgt Ion: 99 Resp: 135739

Ion	Ratio	Lower	Upper
99	100		
42	19.5	13.0	19.4#
71	33.6	25.6	38.4

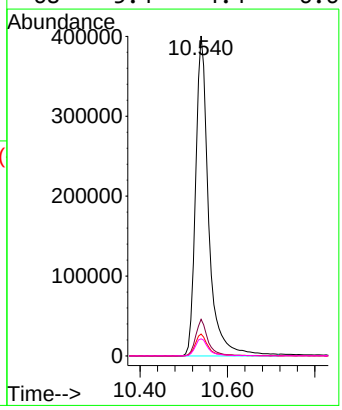


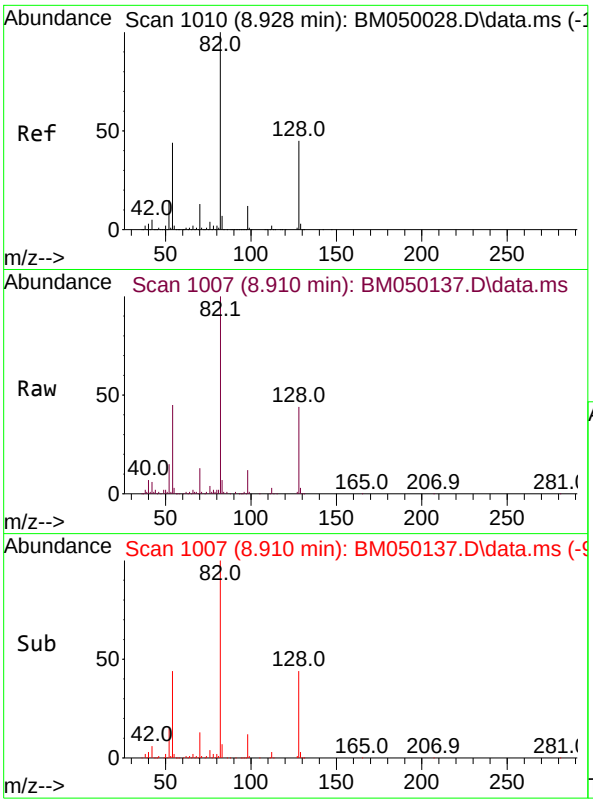


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

Tgt Ion:136 Resp: 833708

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	6.8	5.1	7.7
68	5.4	4.4	6.6



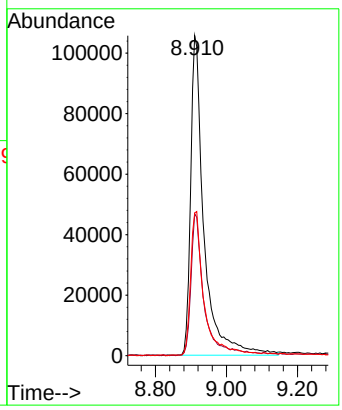


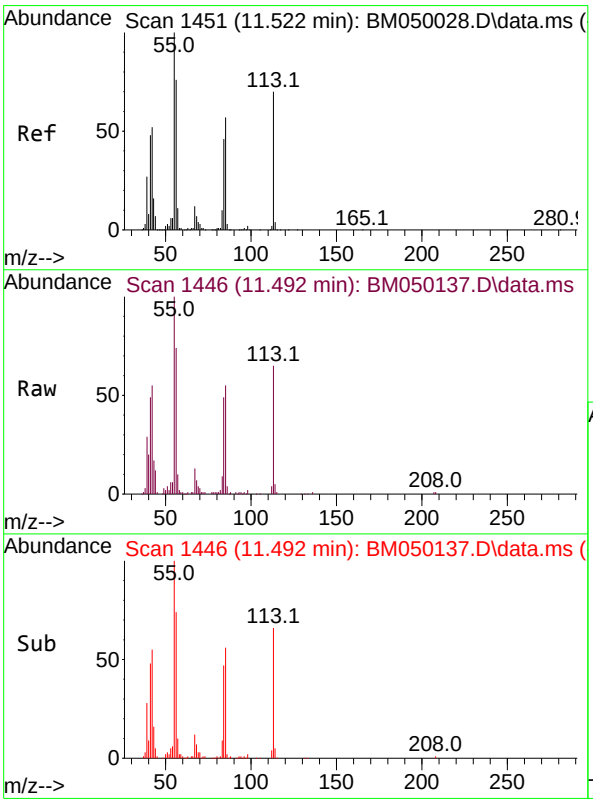
#23
Nitrobenzene-d5
Concen: 16.288 ng
RT: 8.910 min Scan# 1(
Delta R.T. -0.018 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

Instrument :
BNA_M
ClientSampleId :
GB1WDL

Tgt Ion: 82 Resp: 275583

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.7	53.5
54	44.6	35.4	53.2

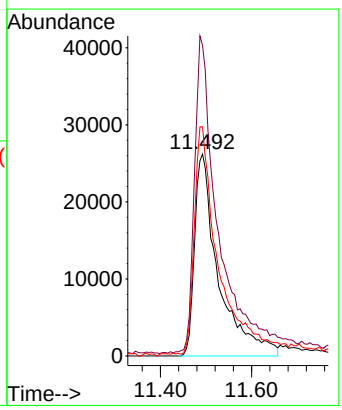




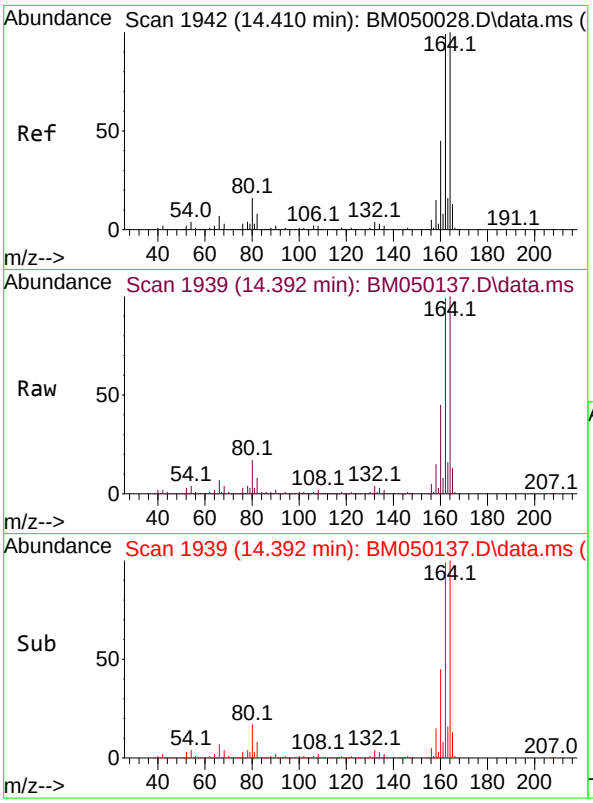
#35
Caprolactam
Concen: 23.603 ng m
RT: 11.492 min Scan# 1446
Delta R.T. -0.029 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

Tgt Ion:113 Resp: 95555

Ion	Ratio	Lower	Upper
113	100		
55	153.9	122.9	162.9
56	113.5	88.1	128.1



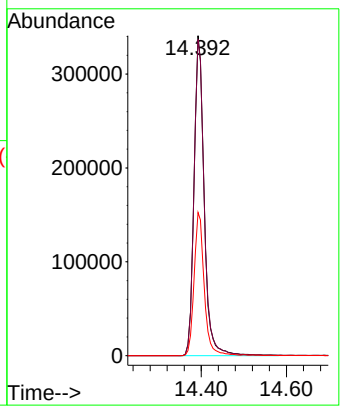
Instrument :
BNA_M
ClientSampleId :
GB1WDL

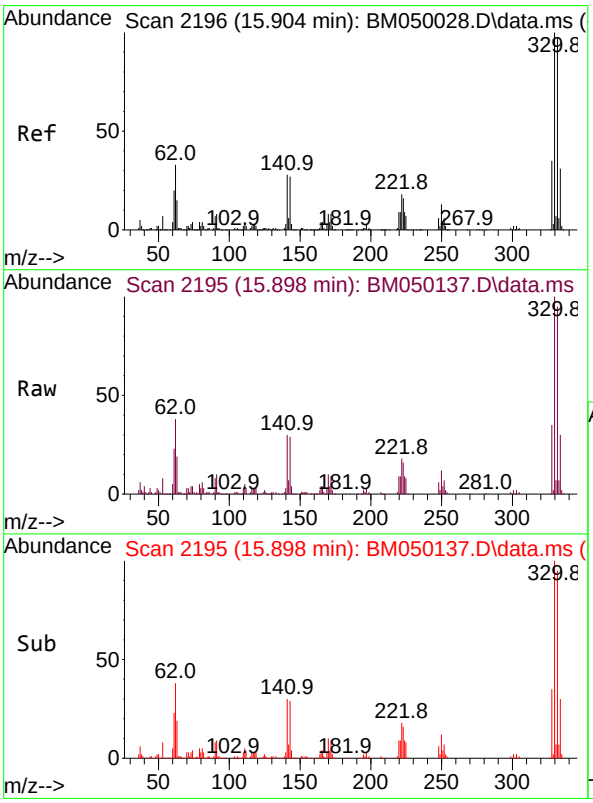


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

Tgt Ion:164 Resp: 563306

Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.4	119.0
160	44.8	36.2	54.4

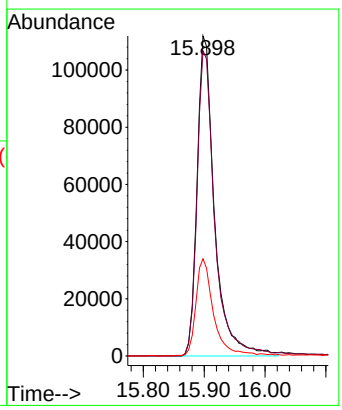




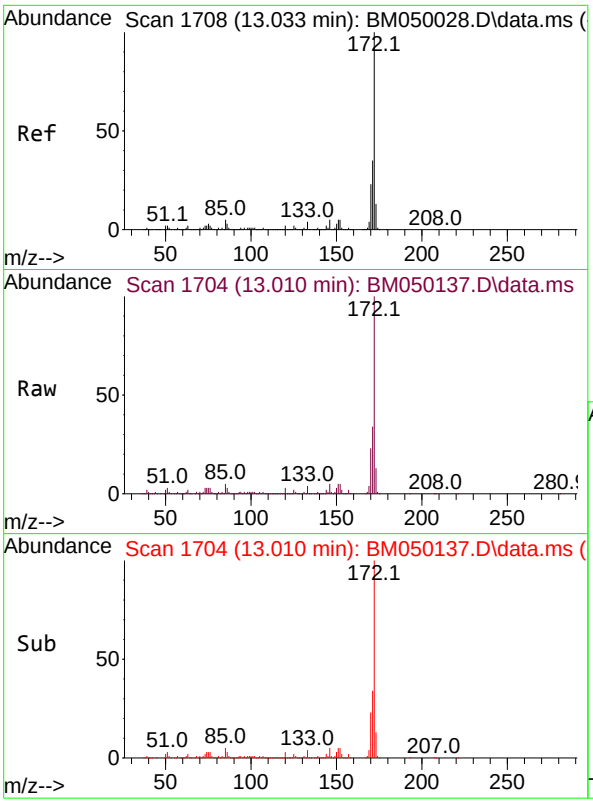
#42
2,4,6-Tribromophenol
Concen: 26.848 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

Tgt Ion:330 Resp: 223621

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	31.1	22.5	33.7



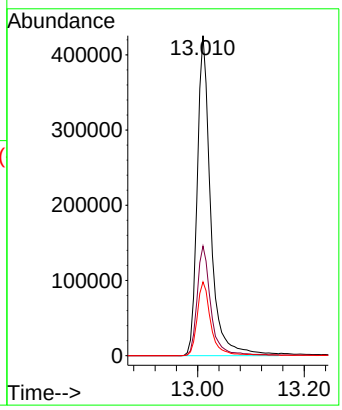
Instrument :
BNA_M
ClientSampleId :
GB1WDL

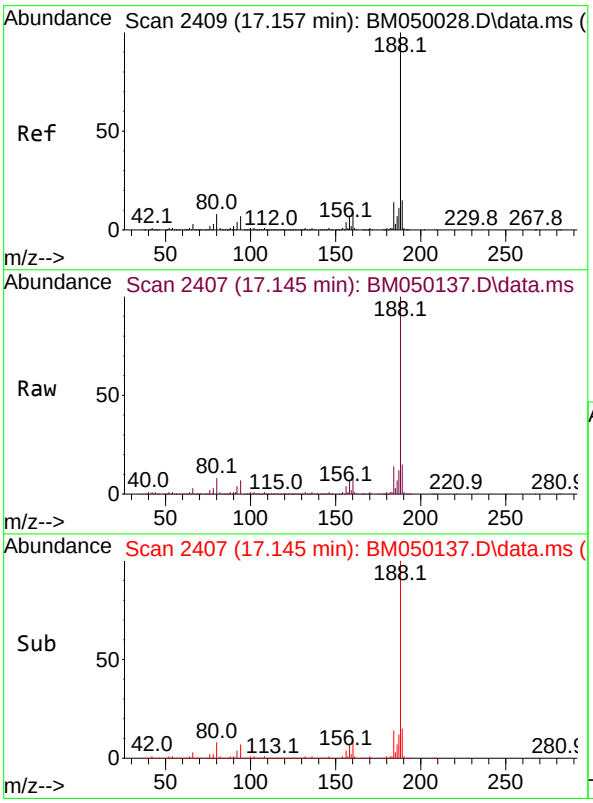


#45
2-Fluorobiphenyl
Concen: 15.710 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

Tgt Ion:172 Resp: 748052

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.6
170	23.0	18.6	28.0

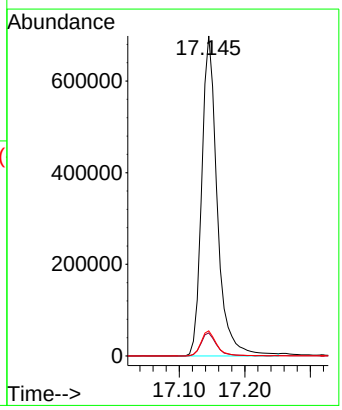




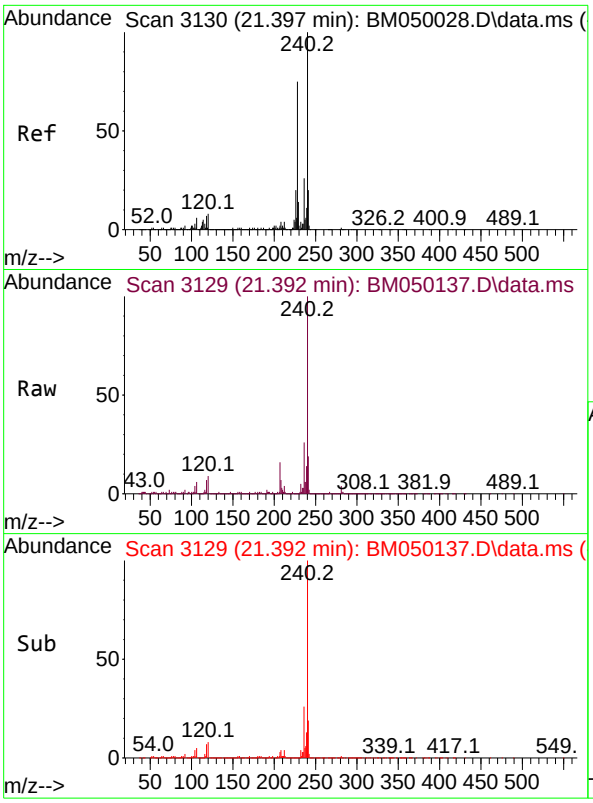
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

Tgt Ion:188 Resp: 1154973

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.7	8.5
80	7.9	6.2	9.4



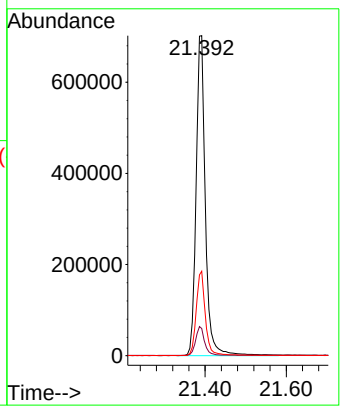
Instrument :
BNA_M
ClientSampleId :
GB1WDL

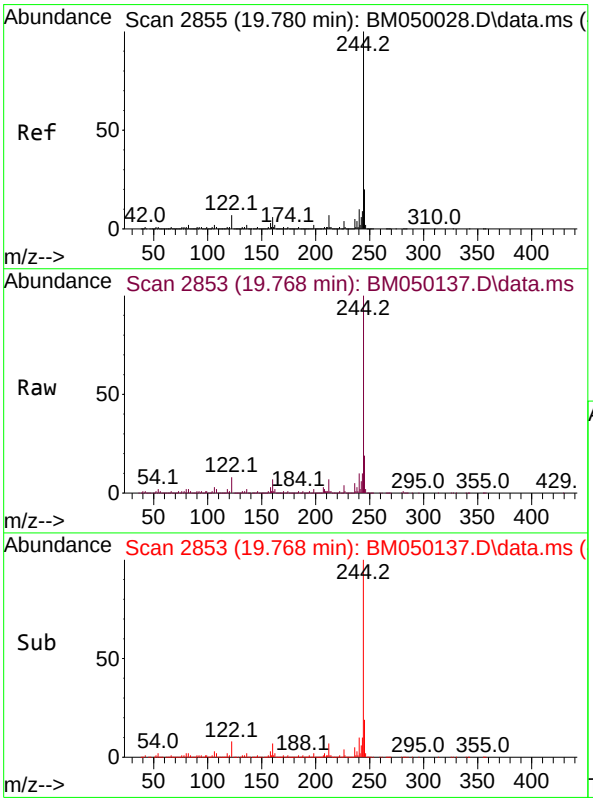


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

Tgt Ion:240 Resp: 1121664

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.5	9.7
236	26.4	20.9	31.3

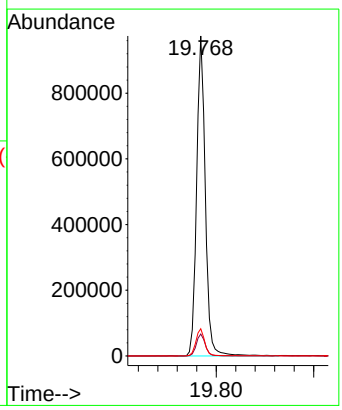


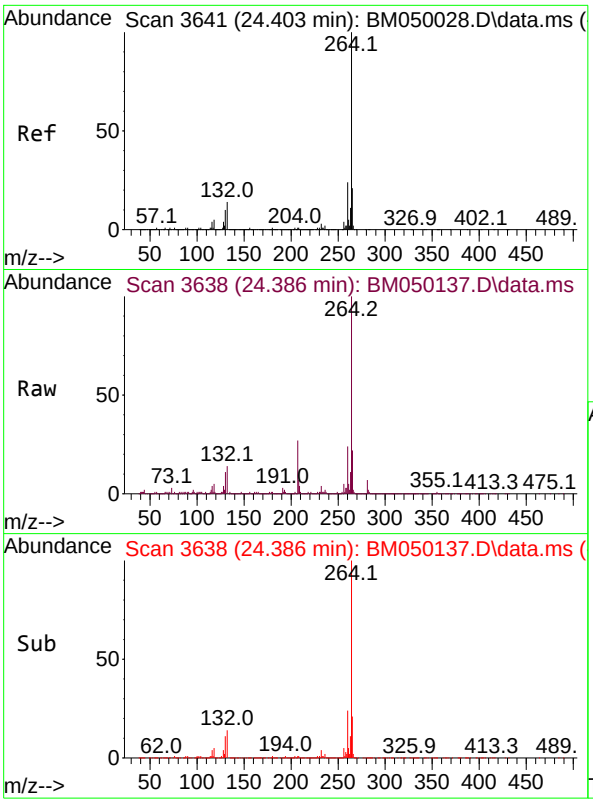


#79
Terphenyl-d14
Concen: 16.043 ng
RT: 19.768 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

Tgt Ion:244 Resp: 1216066

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	8.5	5.6	8.4#



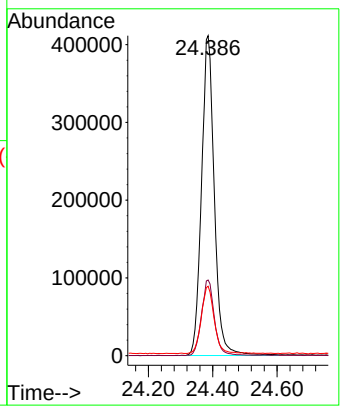


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.386 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

Instrument :
BNA_M
ClientSampleId :
GB1WDL

Tgt Ion:264 Resp: 1136201

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.7	17.0	25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

Quant Time: May 07 15:45:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

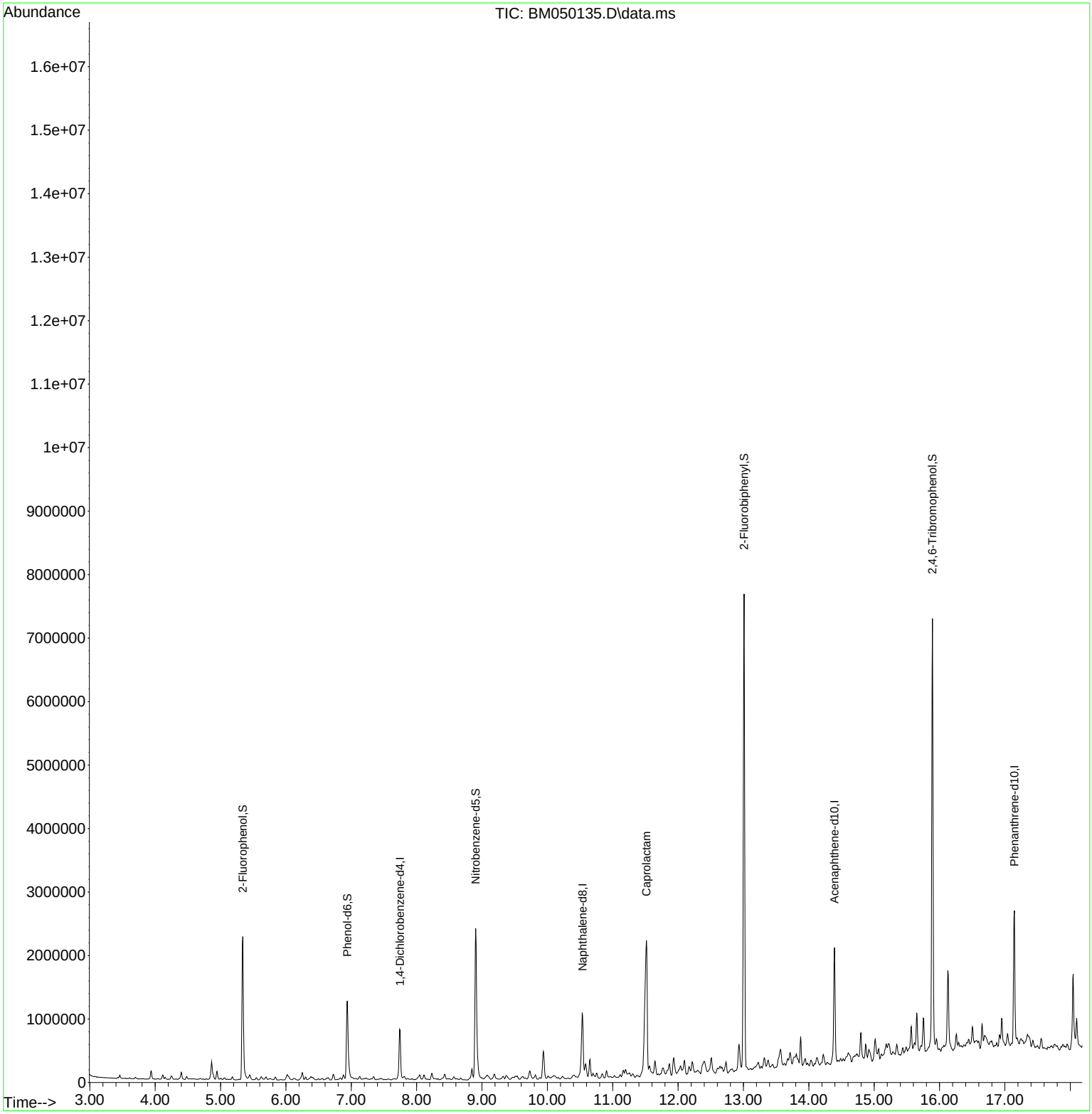
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	242816	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	891368	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	635661	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1255364	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1187377	20.000	ng	-0.01
86) Perylene-d12	24.385	264	1257762	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1133119	81.715	ng	-0.02
7) Phenol-d6	6.940	99	946530	54.309	ng	-0.01
23) Nitrobenzene-d5	8.904	82	1472624	81.409	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1486604	158.165	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	4125107	76.770	ng	-0.02
79) Terphenyl-d14	19.768	244	6648397	82.854	ng	-0.01
Target Compounds						Qvalue
35) Caprolactam	11.516	113	673454	155.586	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

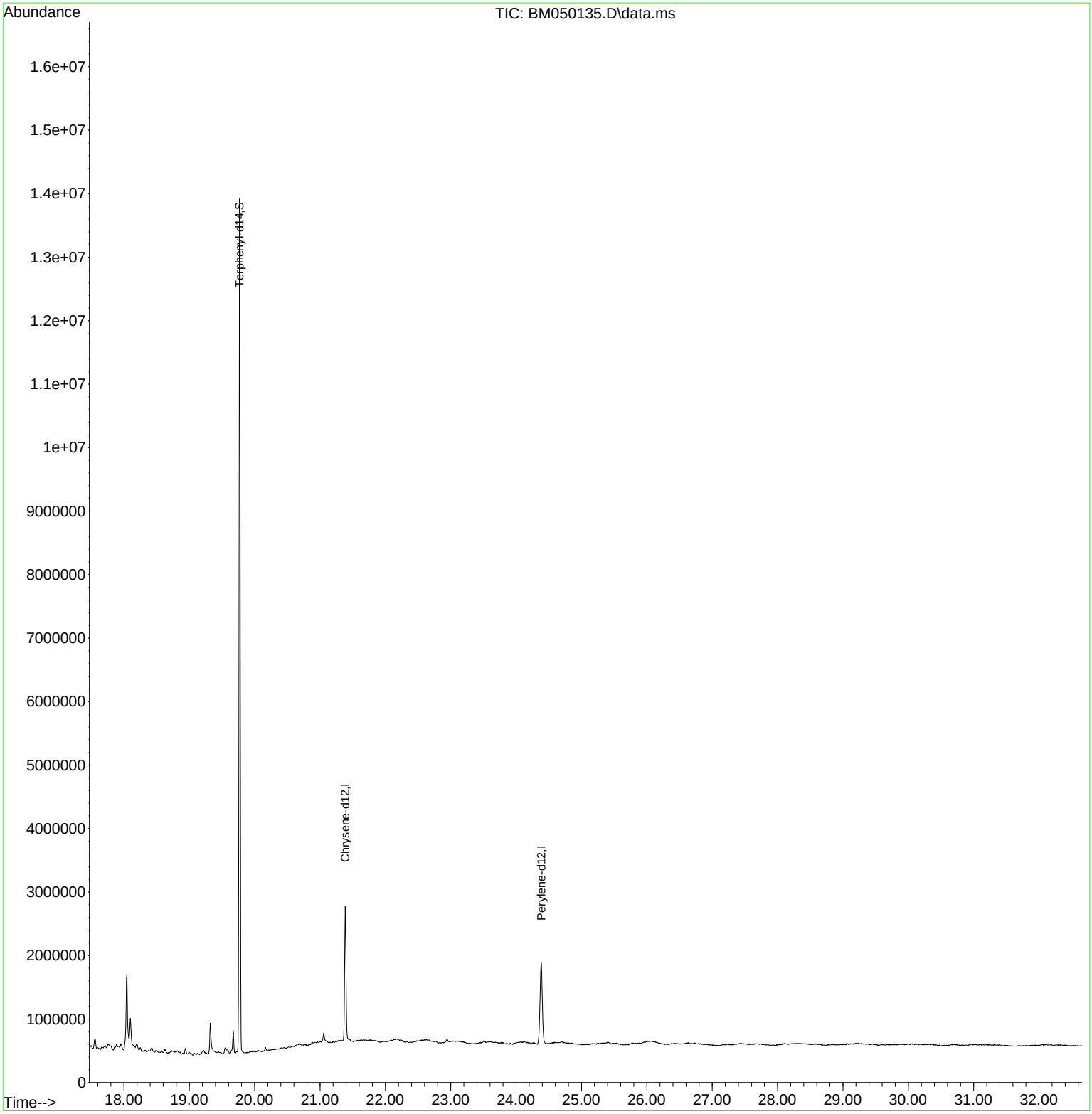
Quant Time: May 07 15:45:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



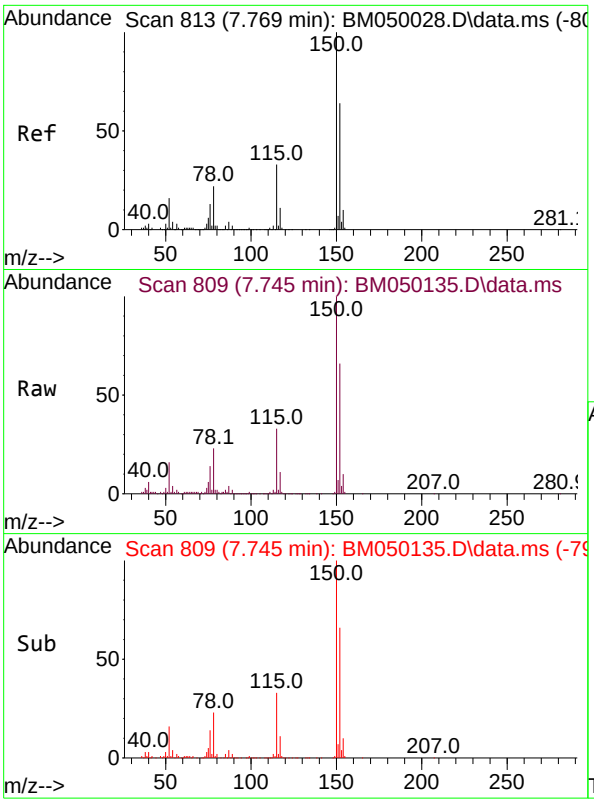
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

Quant Time: May 07 15:45:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



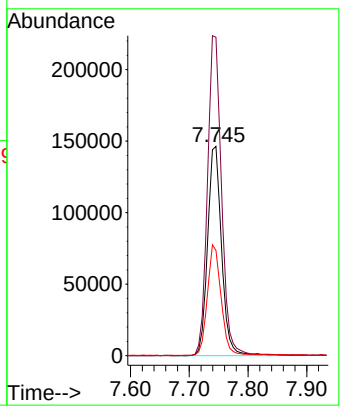
Instrument :
BNA_M
ClientSampleId :
GB3W

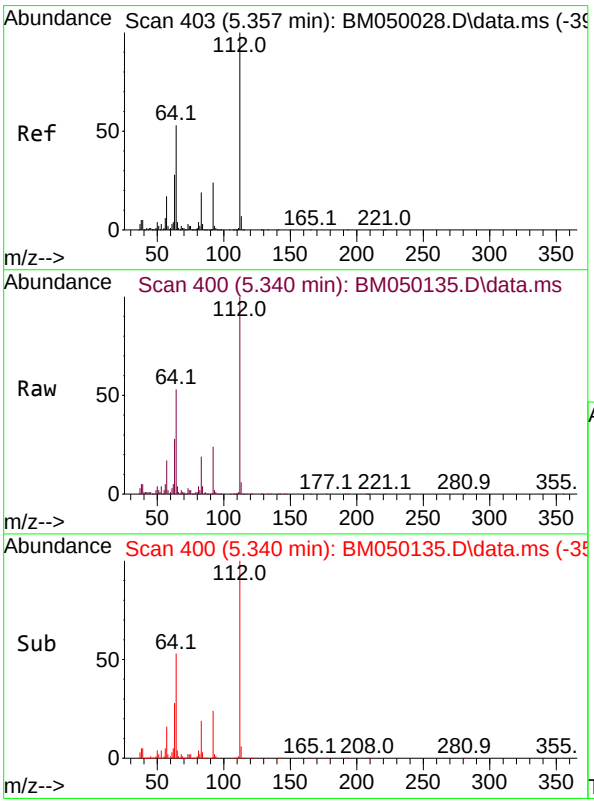


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Tgt Ion:152 Resp: 242816

Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.1	186.1
115	50.3	41.2	61.8

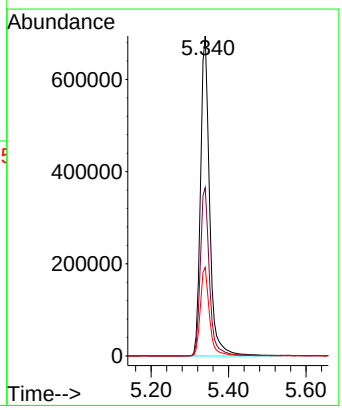




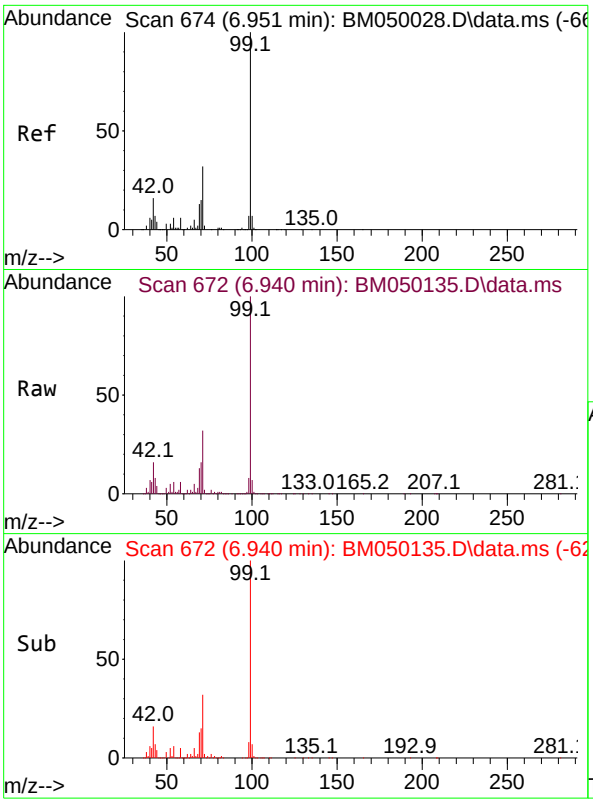
#5
2-Fluorophenol
Concen: 81.715 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Tgt Ion:112 Resp: 1133119

Ion	Ratio	Lower	Upper
112	100		
64	52.6	42.6	64.0
63	27.7	22.2	33.4



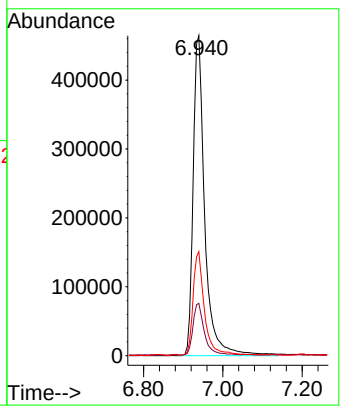
Instrument :
BNA_M
ClientSampleId :
GB3W

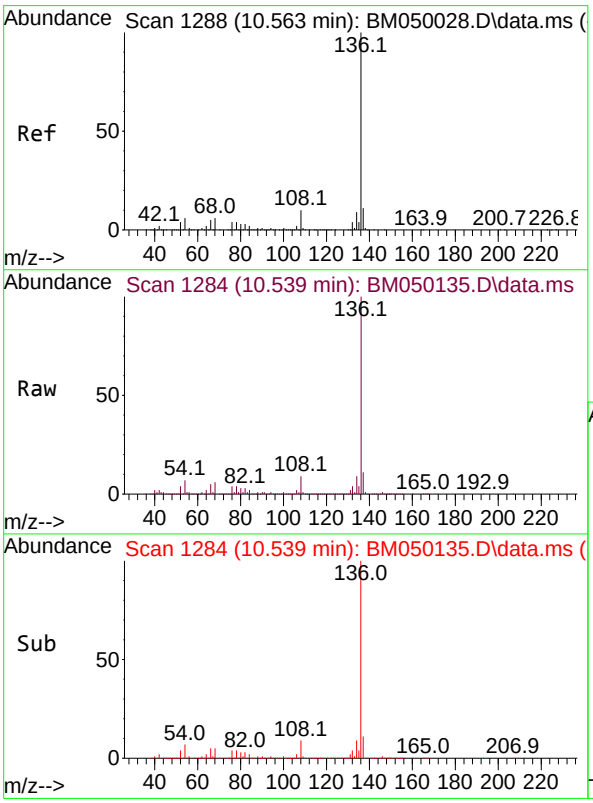


#7
Phenol-d6
Concen: 54.309 ng
RT: 6.940 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Tgt Ion: 99 Resp: 946530

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.0	19.4
71	32.5	25.6	38.4

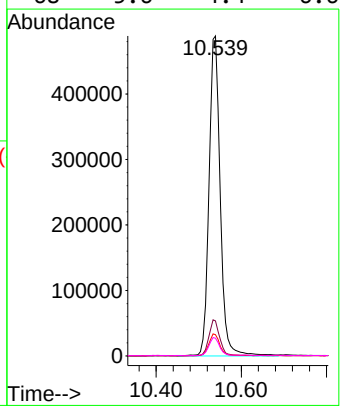


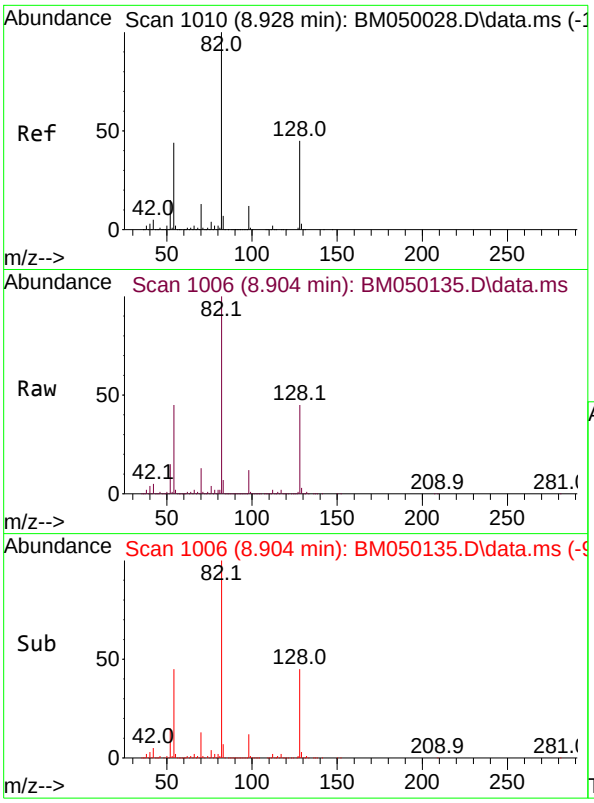


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Tgt Ion:136 Resp: 891368

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.7	5.1	7.7
68	5.6	4.4	6.6



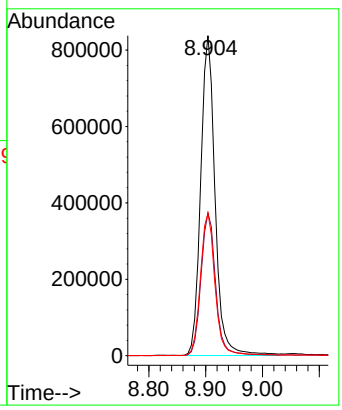


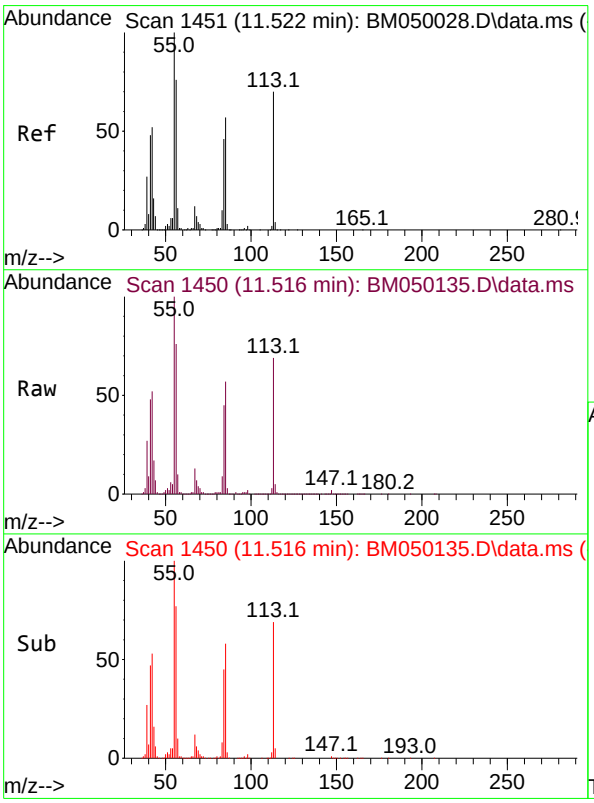
#23
Nitrobenzene-d5
Concen: 81.409 ng
RT: 8.904 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Instrument :
BNA_M
ClientSampleId :
GB3W

Tgt Ion: 82 Resp: 1472624

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	44.6	35.4	53.2

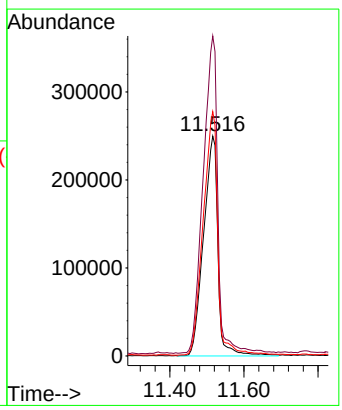




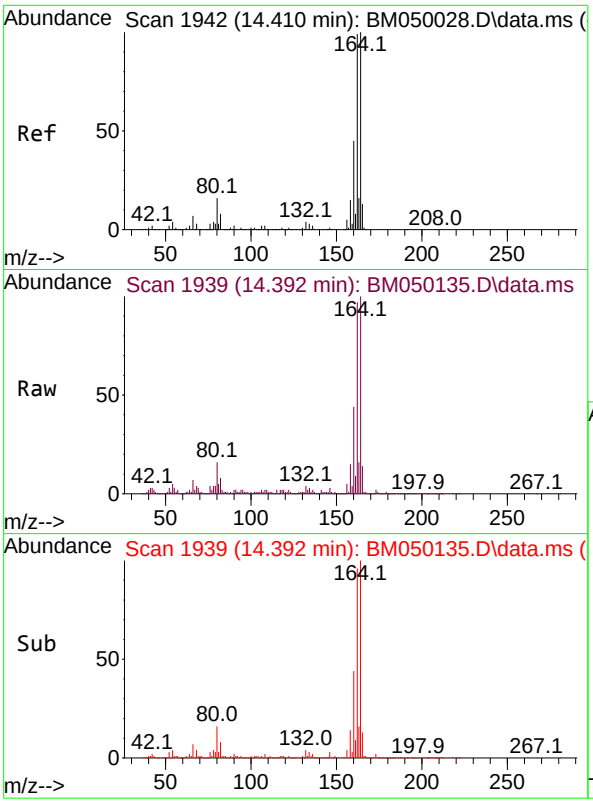
#35
Caprolactam
Concen: 155.586 ng
RT: 11.516 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Tgt Ion:113 Resp: 673454

Ion	Ratio	Lower	Upper
113	100		
55	145.5	122.9	162.9
56	111.1	88.1	128.1



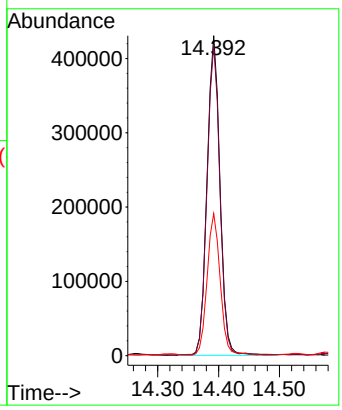
Instrument :
BNA_M
ClientSampleId :
GB3W

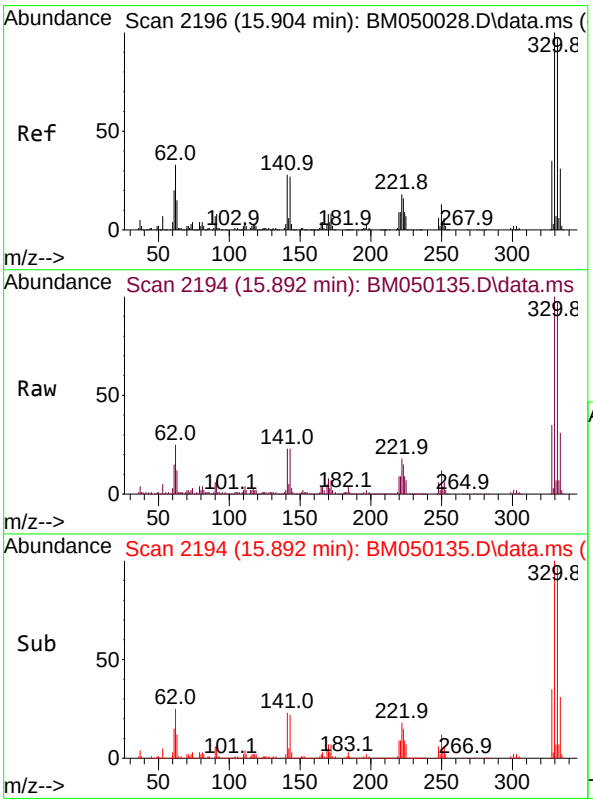


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Tgt Ion:164 Resp: 635661

Ion	Ratio	Lower	Upper
164	100		
162	96.8	79.4	119.0
160	44.4	36.2	54.4

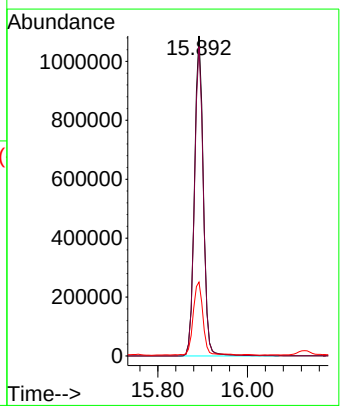




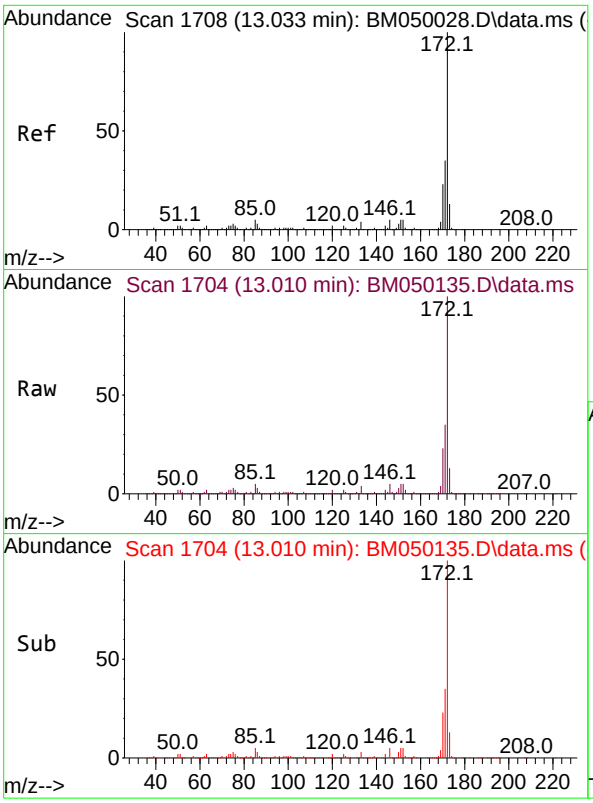
#42
2,4,6-Tribromophenol
Concen: 158.165 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Tgt Ion:330 Resp: 1486604

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	25.3	22.5	33.7



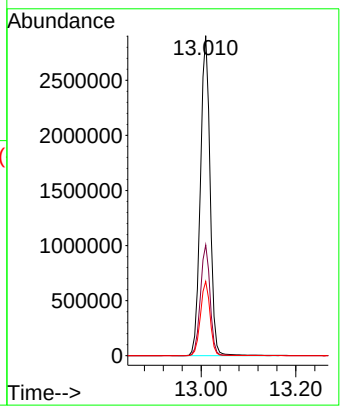
Instrument :
BNA_M
ClientSampleId :
GB3W

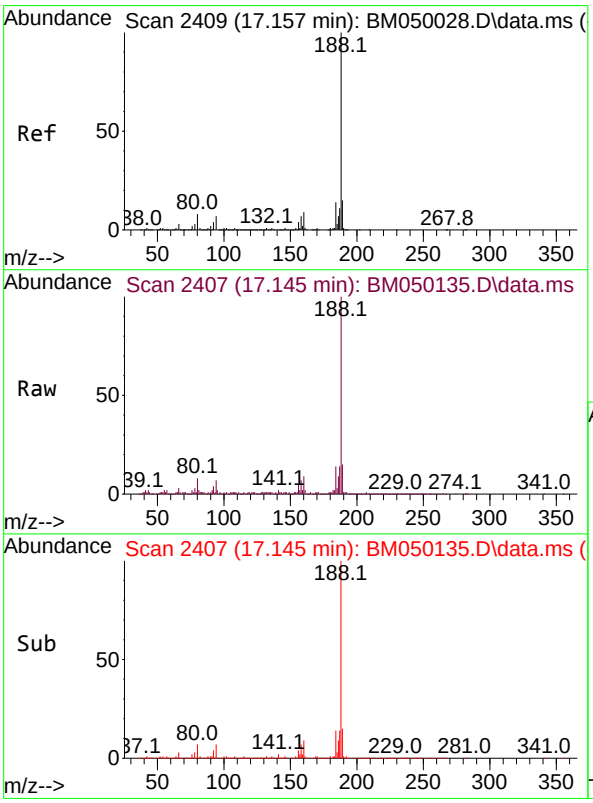


#45
2-Fluorobiphenyl
Concen: 76.770 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Tgt Ion:172 Resp: 4125107

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.2	18.6	28.0

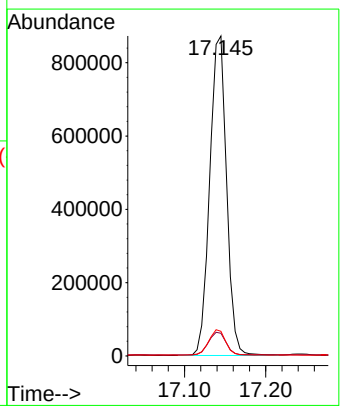




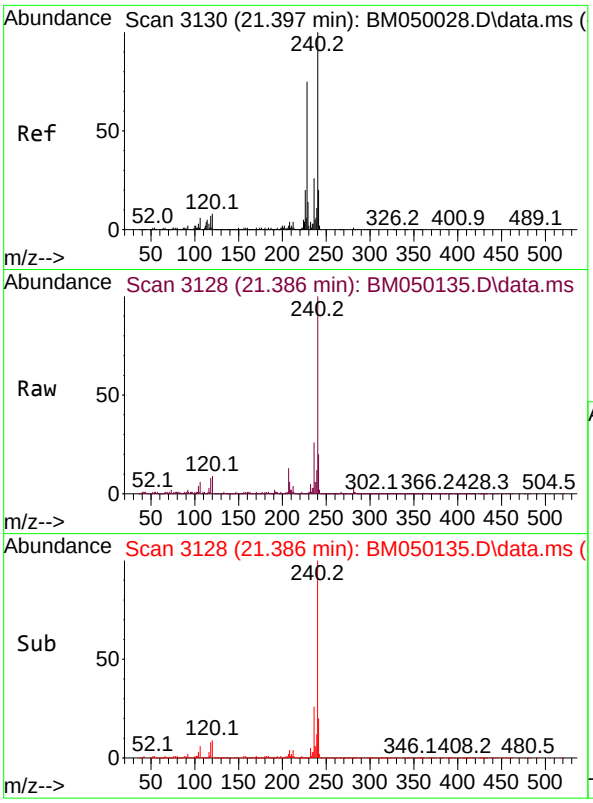
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Tgt Ion:188 Resp: 1255364

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.7	6.2	9.4



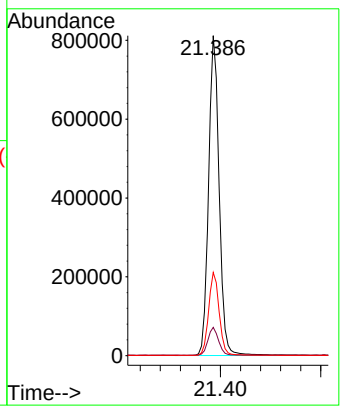
Instrument :
BNA_M
ClientSampleId :
GB3W

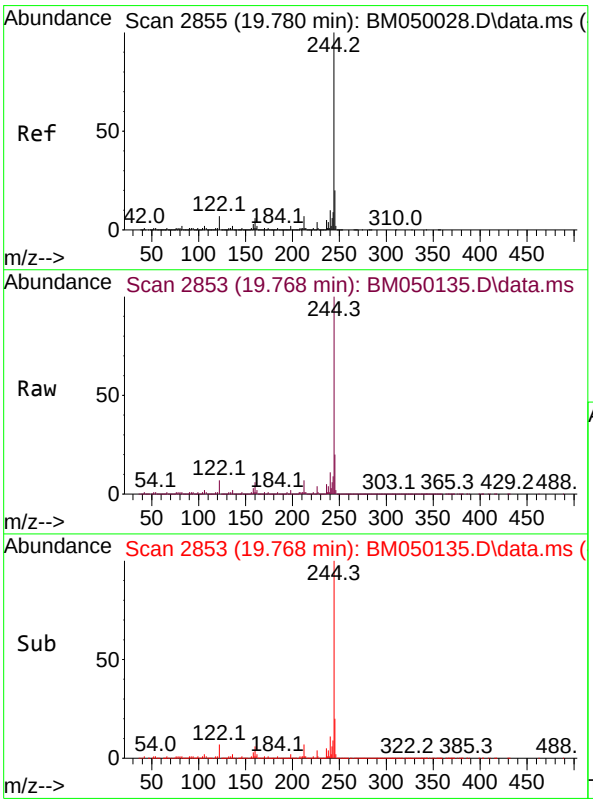


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Tgt Ion:240 Resp: 1187377

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.5	9.7
236	26.0	20.9	31.3

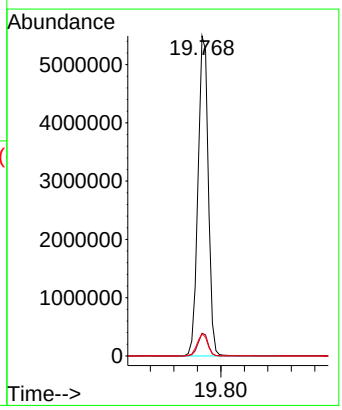


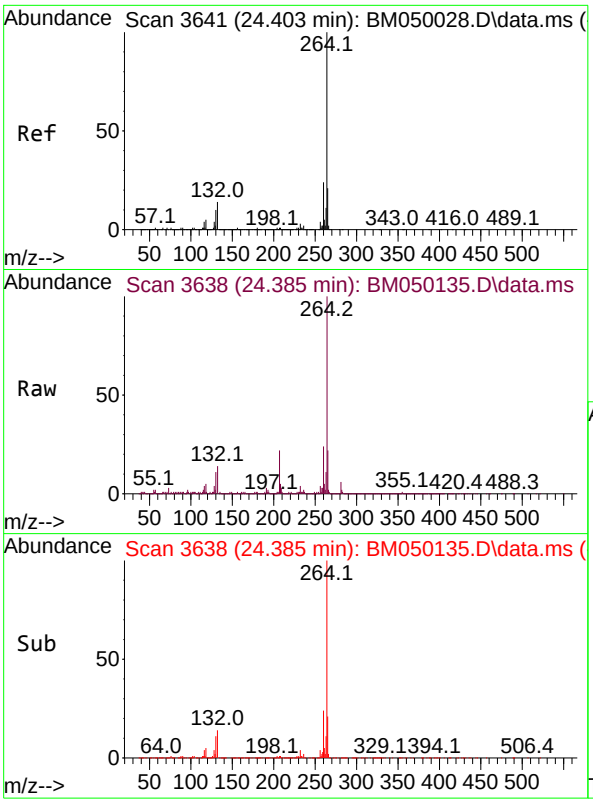


#79
Terphenyl-d14
Concen: 82.854 ng
RT: 19.768 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Tgt Ion:244 Resp: 6648397

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.9	5.6	8.4



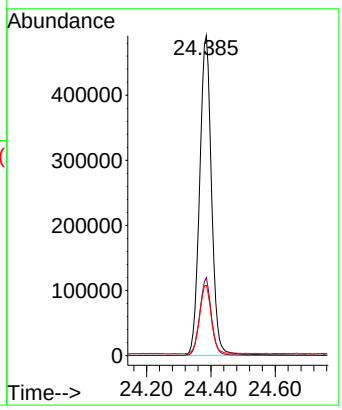


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.385 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Instrument :
BNA_M
ClientSampleId :
GB3W

Tgt Ion:264 Resp: 1257762

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	22.0	17.0	25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050135.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.940	156	162	169	rVB	126985	185131	1.13%	0.197%
2	4.399	231	240	249	rVB2	116058	203207	1.24%	0.216%
3	4.863	310	319	328	rBV2	279159	512582	3.13%	0.546%
4	4.946	328	333	339	rVV	123020	177135	1.08%	0.189%
5	5.340	394	400	412	rBV	2249464	3618871	22.12%	3.852%
6	6.022	507	516	528	rBV4	83342	238845	1.46%	0.254%
7	6.251	543	555	560	rBV3	118742	238193	1.46%	0.254%
8	6.940	666	672	690	rVB	1227926	2382329	14.56%	2.536%
9	7.739	799	808	815	rBV	785516	1349752	8.25%	1.437%
10	8.045	848	860	865	rBV2	75028	184565	1.13%	0.196%
11	8.234	886	892	897	rBV	99943	171922	1.05%	0.183%
12	8.428	912	925	930	rBV4	86671	202395	1.24%	0.215%
13	8.845	983	996	1000	rBV	172913	335518	2.05%	0.357%
14	8.904	1000	1006	1021	rVB	2367040	4545303	27.79%	4.839%
15	9.081	1027	1036	1045	rVB7	66196	214525	1.31%	0.228%
16	9.186	1045	1054	1063	rBV	82379	183165	1.12%	0.195%
17	9.733	1139	1147	1154	rBV2	126513	281742	1.72%	0.300%
18	9.939	1176	1182	1190	rBV3	420537	771473	4.72%	0.821%
19	10.404	1251	1261	1267	rBV7	56475	187029	1.14%	0.199%
20	10.533	1272	1283	1289	rVV2	1018905	2118262	12.95%	2.255%
21	10.586	1289	1292	1298	rVV3	202209	335936	2.05%	0.358%
22	10.651	1298	1303	1308	rVV	268472	415252	2.54%	0.442%
23	10.904	1341	1346	1352	rBV	112280	181582	1.11%	0.193%
24	11.163	1385	1390	1393	rBV	101425	180061	1.10%	0.192%
25	11.516	1432	1450	1455	rBV	2149246	5744369	35.12%	6.115%
26	11.563	1455	1458	1463	rVV4	151255	299078	1.83%	0.318%
27	11.645	1467	1472	1478	rVB	216964	385537	2.36%	0.410%
28	11.769	1488	1493	1500	rVB6	95218	205058	1.25%	0.218%
29	11.863	1500	1509	1515	rVB3	179416	429065	2.62%	0.457%
30	11.933	1515	1521	1528	rBV3	272040	569652	3.48%	0.606%
31	12.039	1532	1539	1542	rVV2	111163	241622	1.48%	0.257%
32	12.098	1545	1549	1554	rVB2	217383	357668	2.19%	0.381%
33	12.169	1556	1561	1565	rBV3	114498	207173	1.27%	0.221%
34	12.216	1565	1569	1576	rVB	163044	295325	1.81%	0.314%
35	12.398	1591	1600	1608	rBV4	197117	711479	4.35%	0.757%
36	12.510	1614	1619	1629	rVB3	240460	500797	3.06%	0.533%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.733	1651	1657	1662	rVB	175606	319508	1.95%	0.340%
38	12.933	1685	1691	1697	rBV3	390116	762769	4.66%	0.812%
39	13.010	1697	1704	1710	rVV	7459677	10572857	64.63%	11.255%
40	13.321	1752	1757	1761	rBV	143596	239302	1.46%	0.255%
41	13.374	1763	1766	1771	rVB5	108431	174325	1.07%	0.186%
42	13.569	1789	1799	1805	rBV8	273687	784728	4.80%	0.835%
43	13.716	1820	1824	1829	rVB3	179089	299307	1.83%	0.319%
44	13.874	1847	1851	1856	rVB3	453806	602290	3.68%	0.641%
45	14.033	1875	1878	1884	rVB8	96224	173722	1.06%	0.185%
46	14.121	1890	1893	1901	rVB8	117521	237707	1.45%	0.253%
47	14.221	1906	1910	1916	rVB3	162839	296631	1.81%	0.316%
48	14.392	1931	1939	1946	rBV	1809614	2817828	17.23%	3.000%
49	14.798	2003	2008	2016	rVB2	402794	632030	3.86%	0.673%
50	14.868	2017	2020	2025	rBV	209049	263837	1.61%	0.281%
51	14.921	2025	2029	2037	rVB5	186841	449334	2.75%	0.478%
52	15.015	2040	2045	2051	rBV	308575	623234	3.81%	0.663%
53	15.345	2098	2101	2107	rVB2	163528	249924	1.53%	0.266%
54	15.568	2135	2139	2143	rVB2	342974	444177	2.72%	0.473%
55	15.651	2149	2153	2160	rVB2	596321	876819	5.36%	0.933%
56	15.751	2166	2170	2175	rVB2	524103	803686	4.91%	0.856%
57	15.892	2188	2194	2201	rVB	6709733	9334284	57.06%	9.937%
58	16.127	2229	2234	2247	rVB2	1260394	2228623	13.62%	2.372%
59	16.257	2253	2256	2260	rVB	175410	205301	1.26%	0.219%
60	16.504	2295	2298	2303	rVB3	244987	322082	1.97%	0.343%
61	16.651	2319	2323	2326	rBV	385565	539498	3.30%	0.574%
62	16.915	2365	2368	2371	rBV	178680	265310	1.62%	0.282%
63	16.951	2371	2374	2383	rVB2	433796	683418	4.18%	0.728%
64	17.145	2402	2407	2413	rBV	2086129	3022775	18.48%	3.218%
65	18.045	2553	2560	2566	rBV3	1177478	1969099	12.04%	2.096%
66	18.098	2566	2569	2582	rVB	463230	777127	4.75%	0.827%
67	19.321	2773	2777	2786	rBV	474846	730337	4.46%	0.777%
68	19.674	2834	2837	2841	rVB	313670	340063	2.08%	0.362%
69	19.768	2848	2853	2866	rVB	13451000	16358025	100.00%	17.413%
70	21.386	3123	3128	3145	rVB	2126941	3249054	19.86%	3.459%
71	24.385	3630	3638	3653	rVB	1248353	3128363	19.12%	3.330%

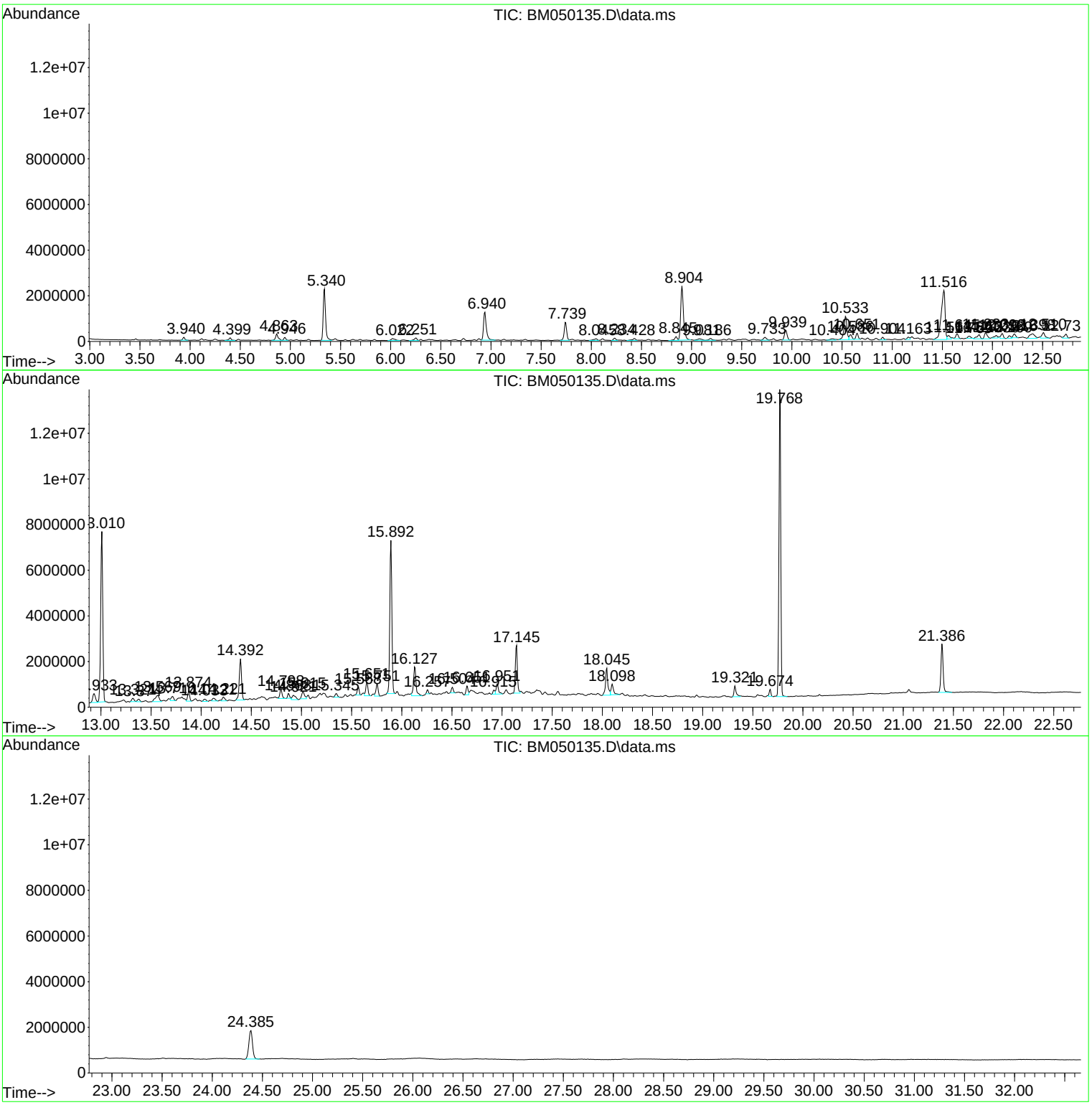
Sum of corrected areas: 93938972

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

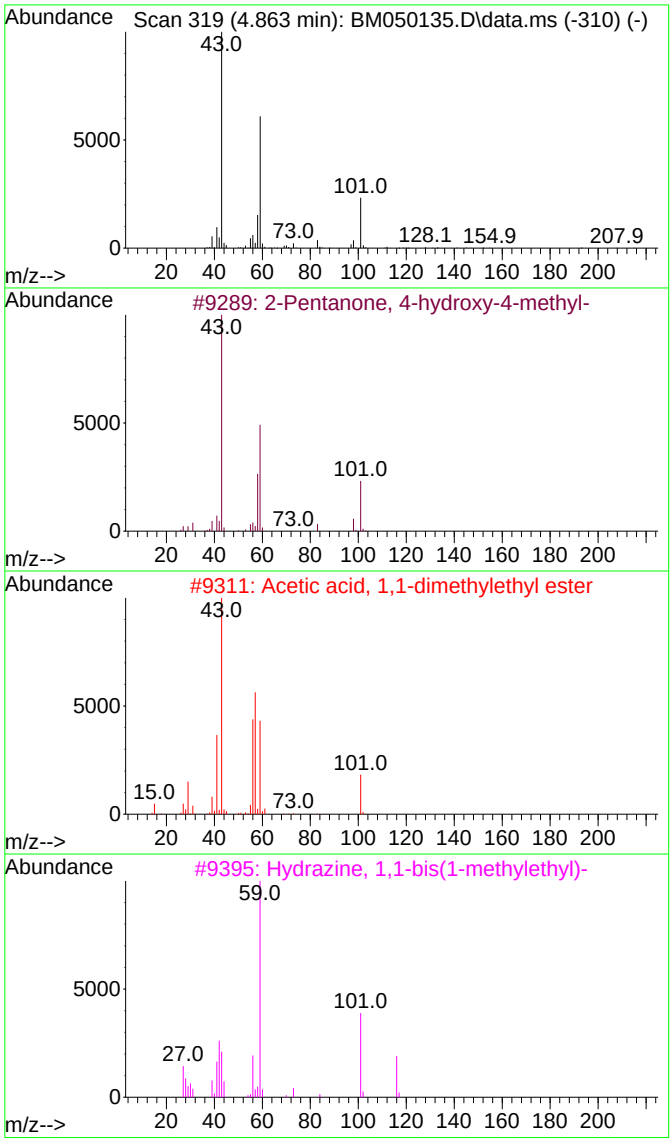
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

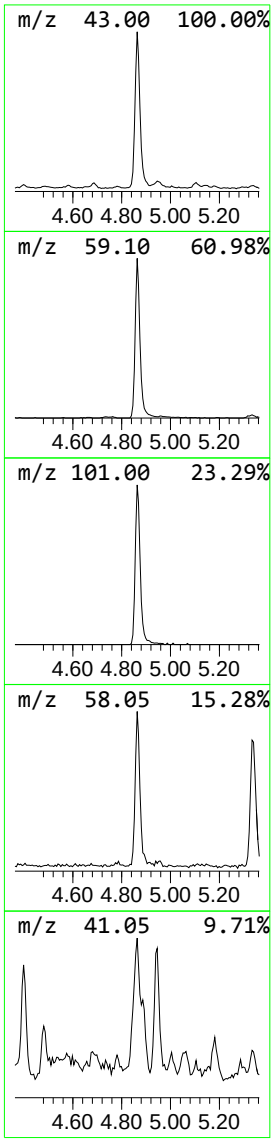
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.863	7.60 ng	512582	1,4-Dichlorobenzene-d4	7.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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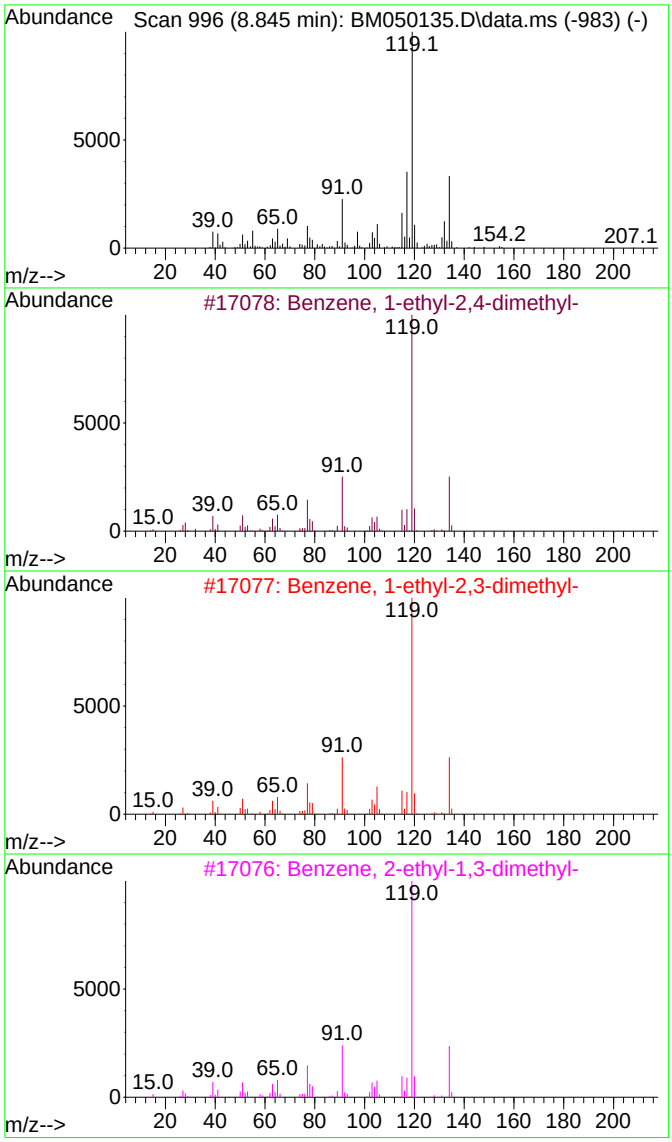
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

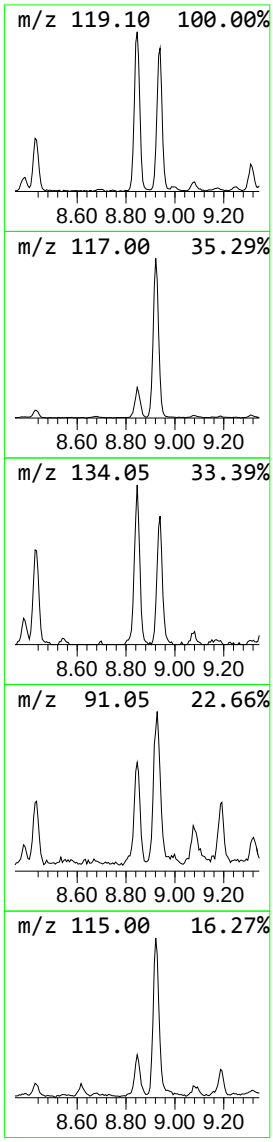
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.845	4.97 ng	335518	1,4-Dichlorobenzene-d4	7.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76





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Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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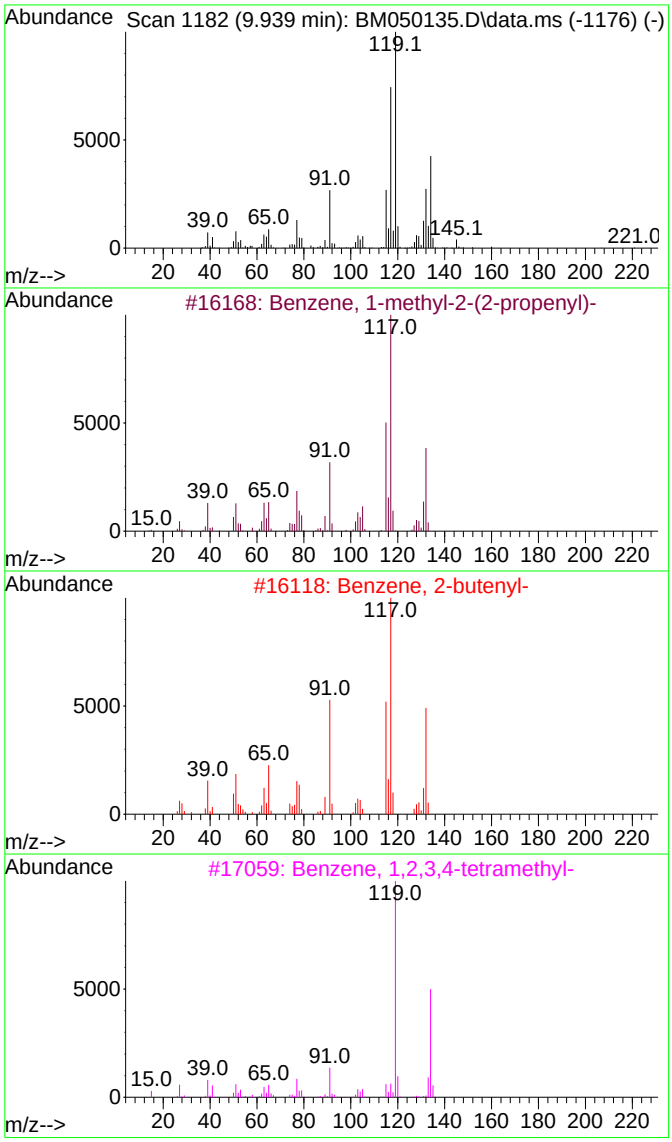
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

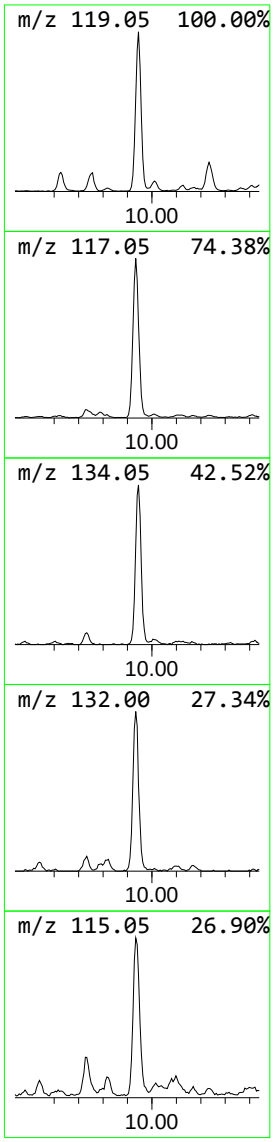
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-methyl-2-(2-prop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.939	7.28 ng	771473	Naphthalene-d8	10.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50
4	p-Cymene	134	C10H14	000099-87-6	50
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	50





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Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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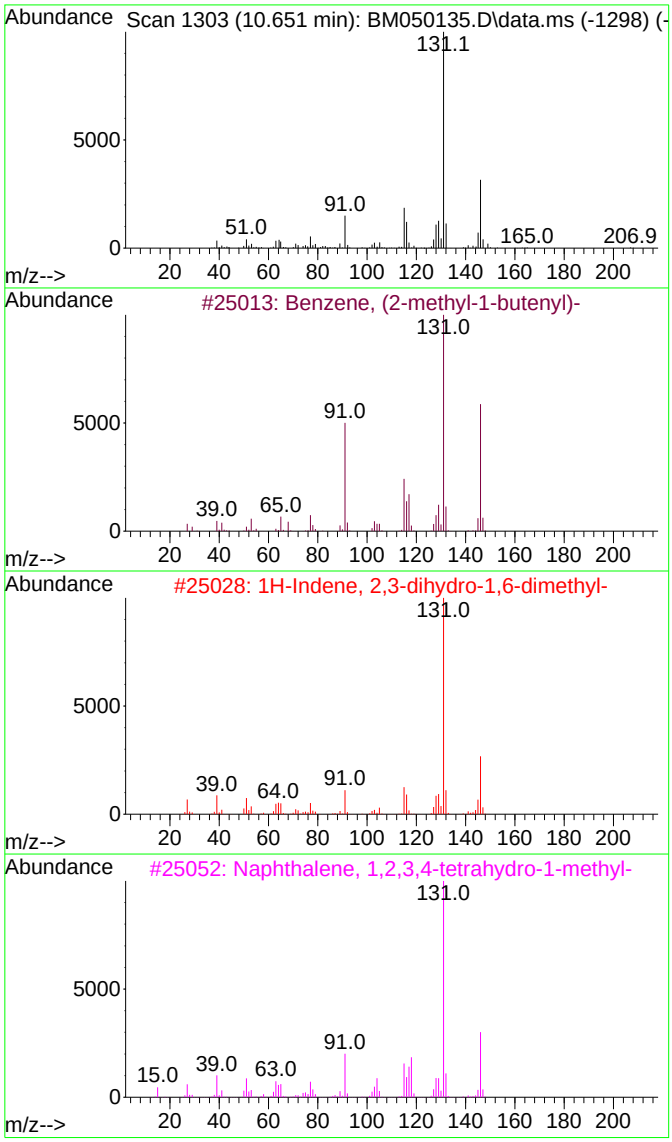
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

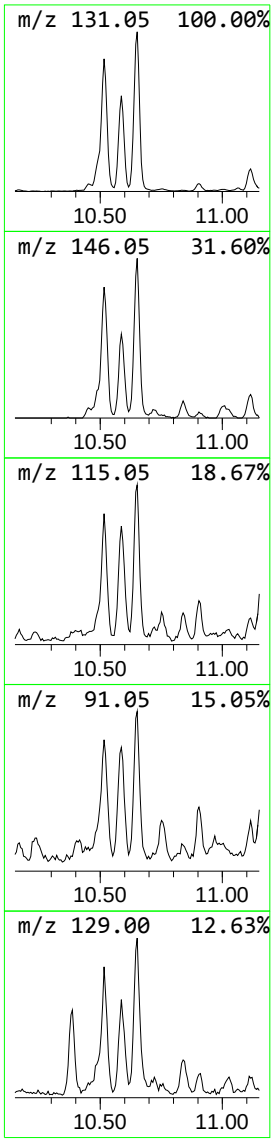
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, (2-methyl-1-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	3.92 ng	415252	Naphthalene-d8	10.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91





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Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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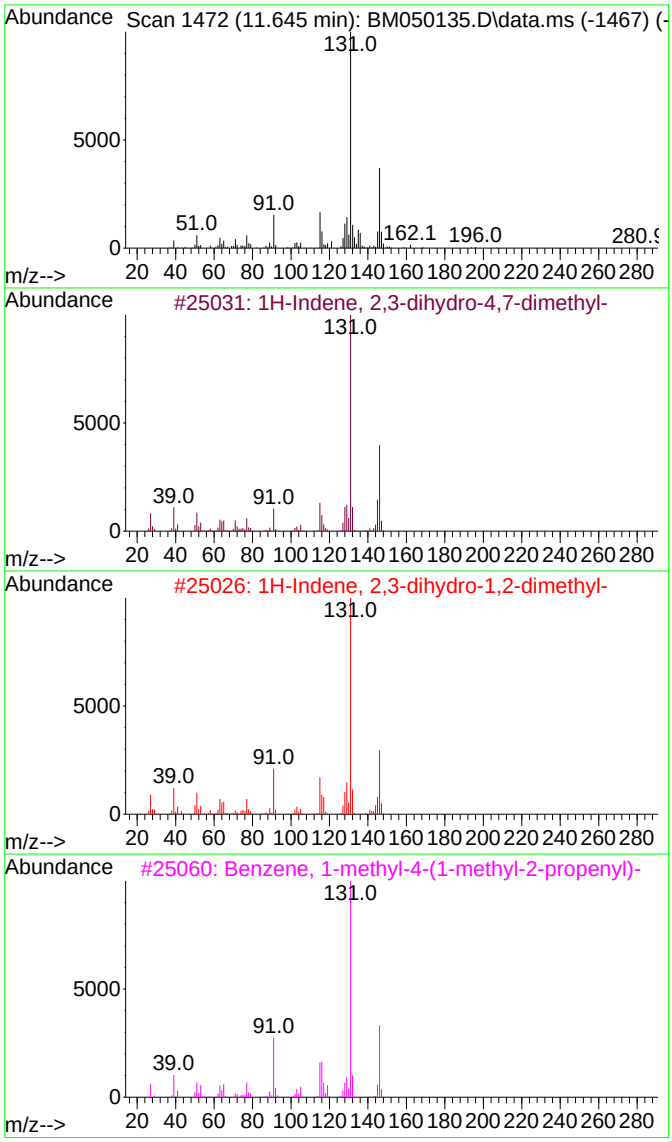
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

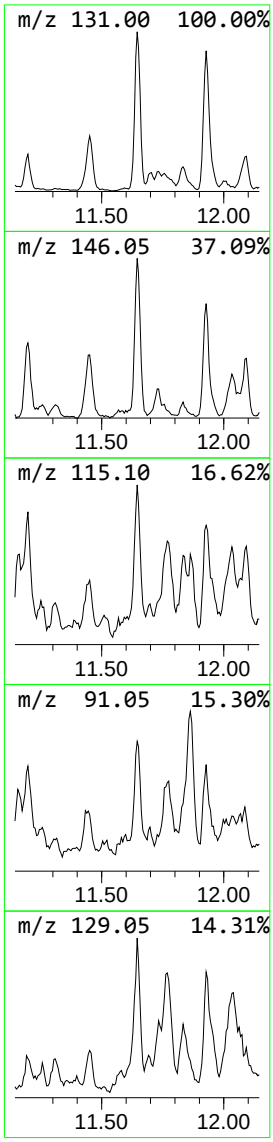
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	3.64 ng	385537	Naphthalene-d8	10.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87





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Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

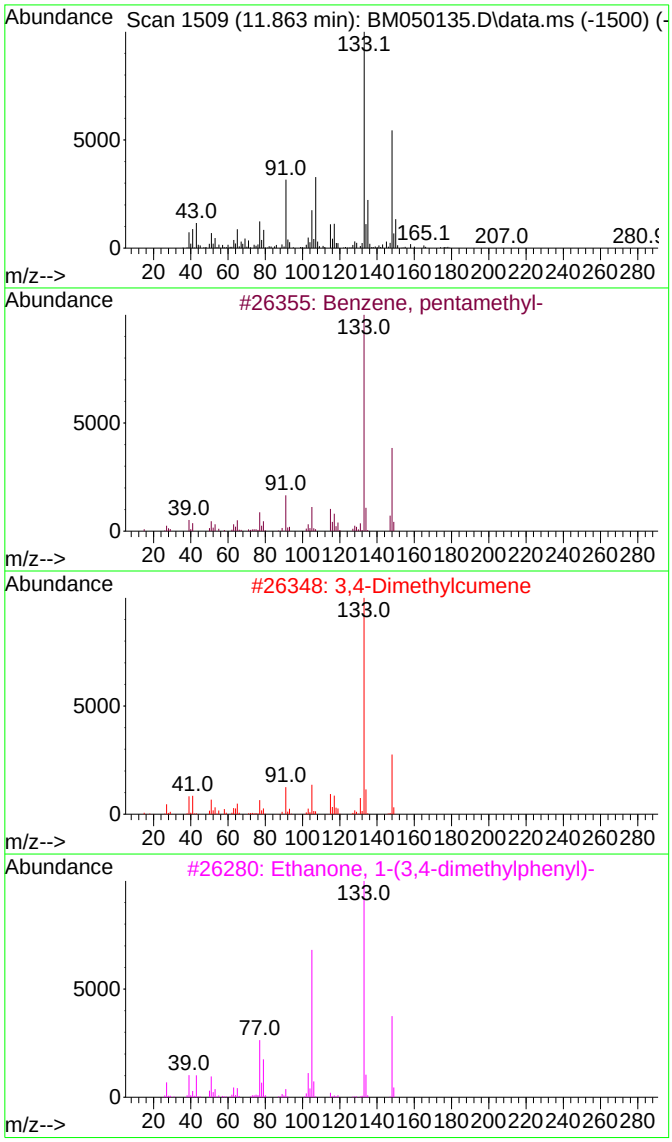
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

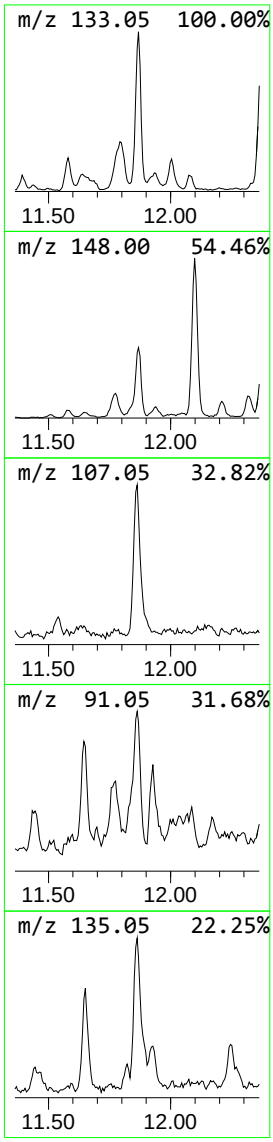
****

Peak Number 6 Benzene, pentamethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	4.05 ng	429065	Naphthalene-d8	10.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	76
3	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	64
4	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	64
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	62





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ClientSampleId :
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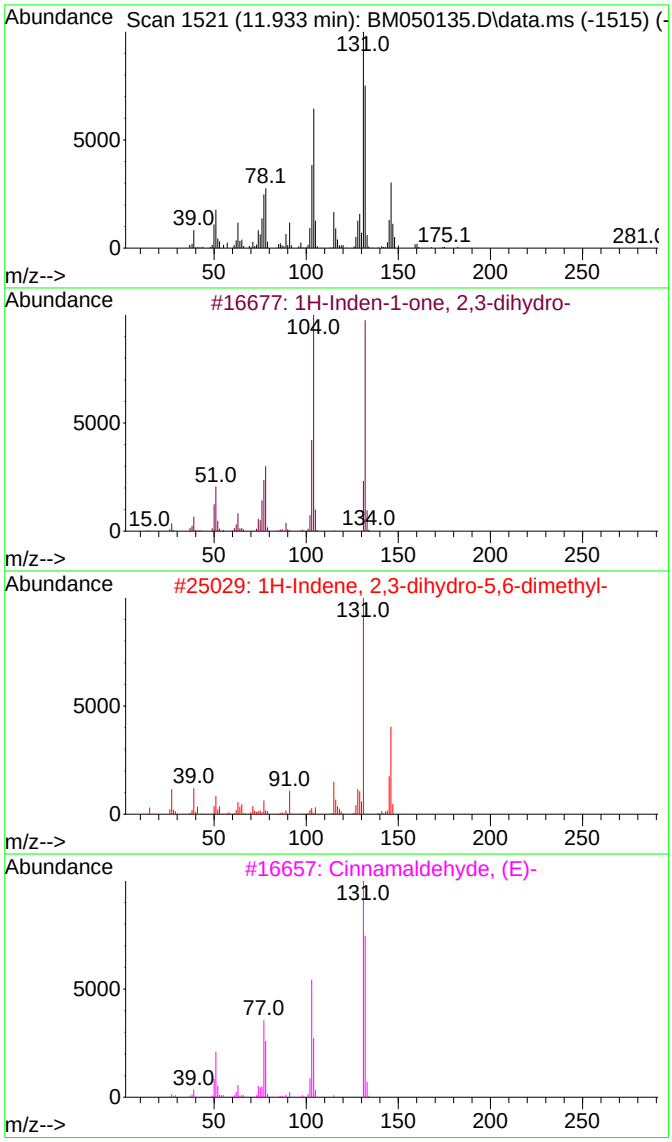
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

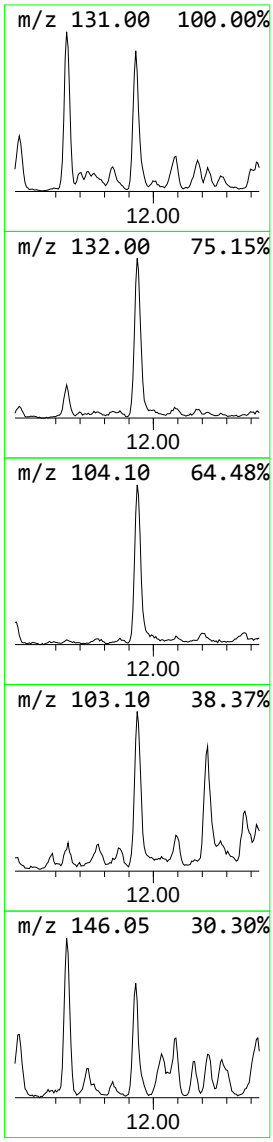
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.38 ng	569652	Naphthalene-d8	10.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	90
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	89
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	70
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	70
5	4-Methyl-1H-benzimidazole	132	C8H8N2	1000486-24-5	60





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Misc :
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Instrument :
BNA_M
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

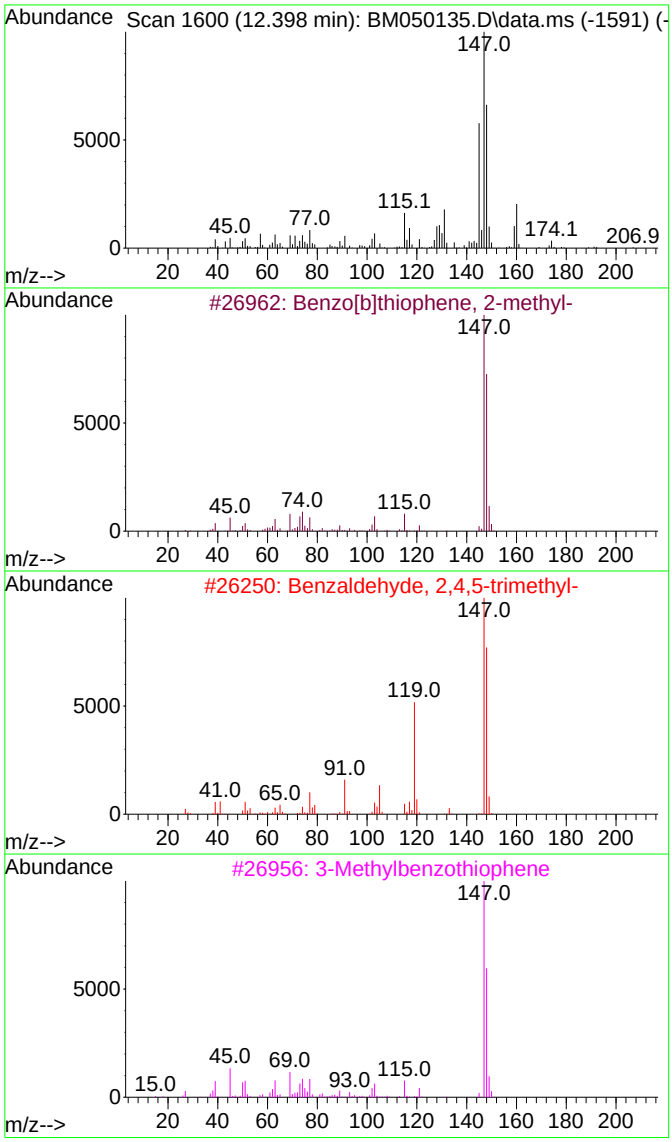
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

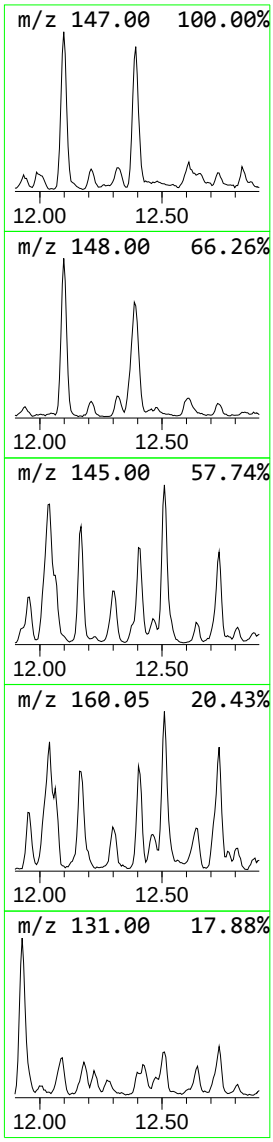
****

Peak Number 8 unknown12.398 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	6.72 ng	711479	Naphthalene-d8	10.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	49
2	Benzaldehyde, 2,4,5-trimethyl-	148	C10H12O	005779-72-6	46
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	46
4	5-Methylthiophene-2,3-dicarbonit...	148	C7H4N2S	1000305-40-8	46
5	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	38





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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

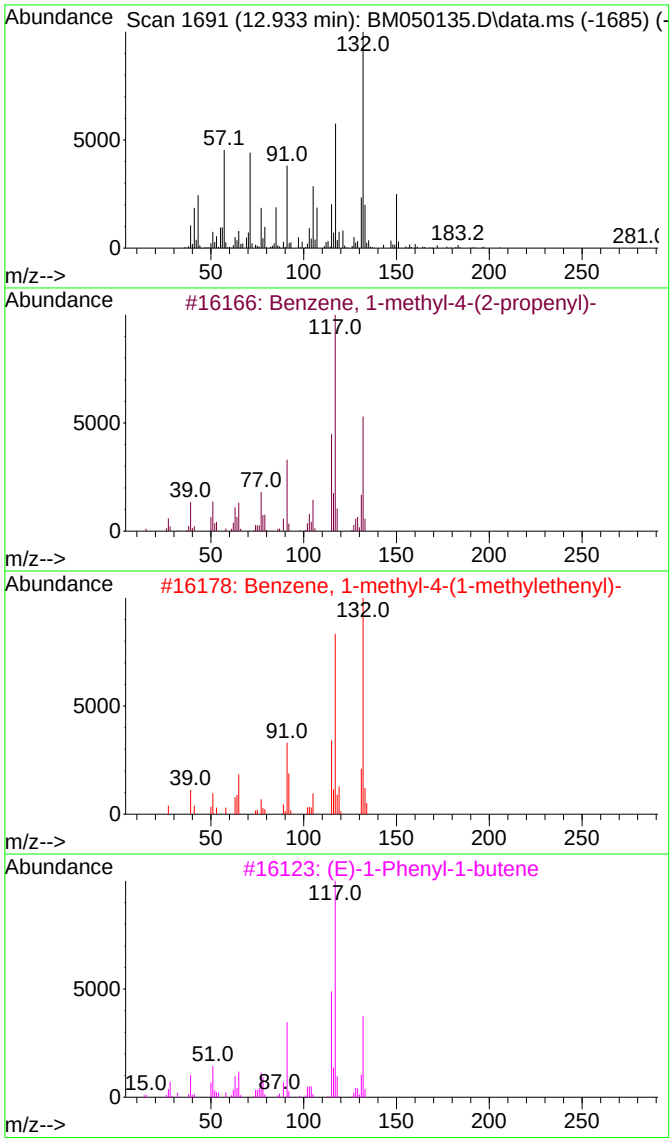
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

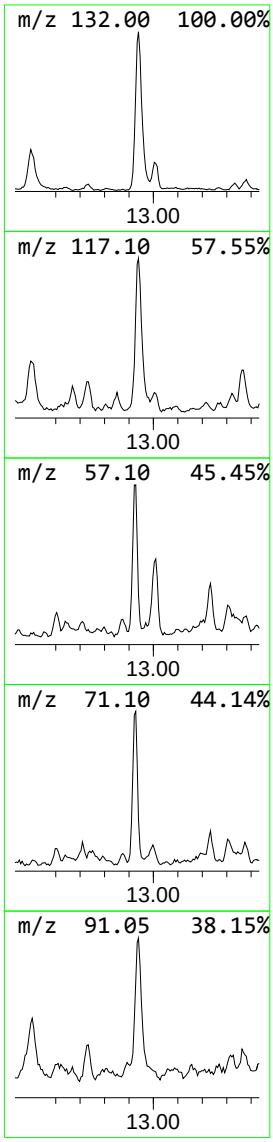
****

Peak Number 9 unknown12.933 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.933	5.41 ng	762769	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	49
2	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	49
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	43
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	43
5	p-(1-Propenyl)-toluene	132	C10H12	1000429-54-9	41





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

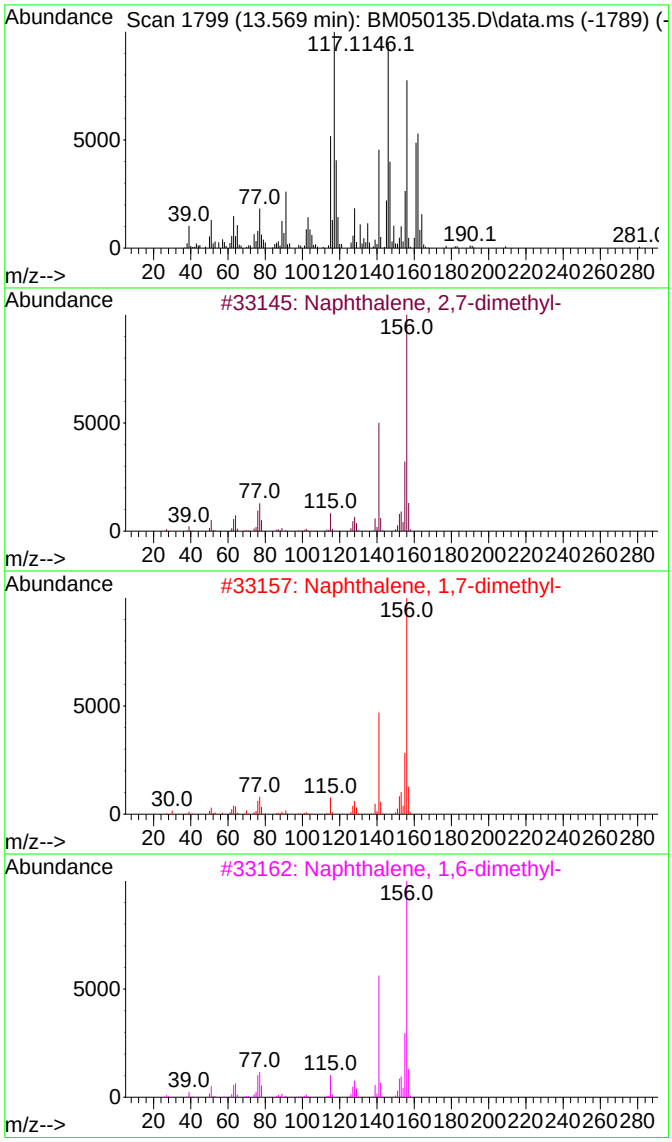
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

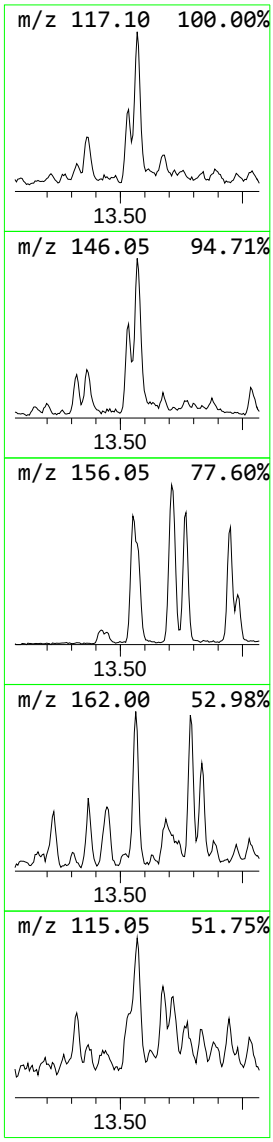
****

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.569	5.57 ng	784728	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	50
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	48
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	47
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	47
5	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	42





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Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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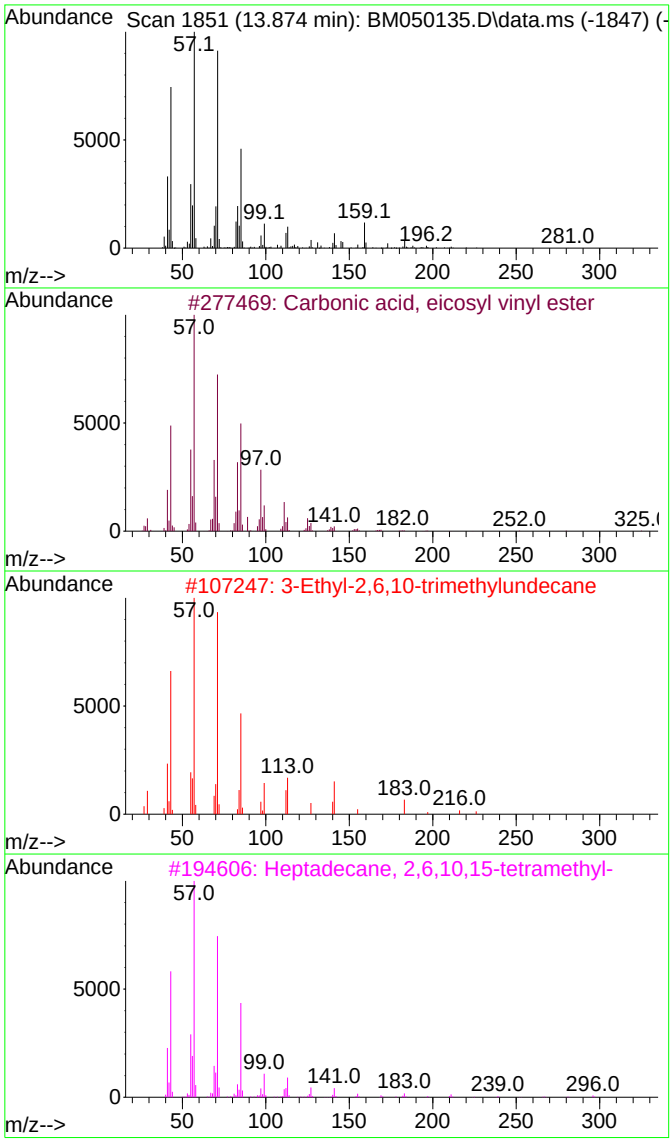
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

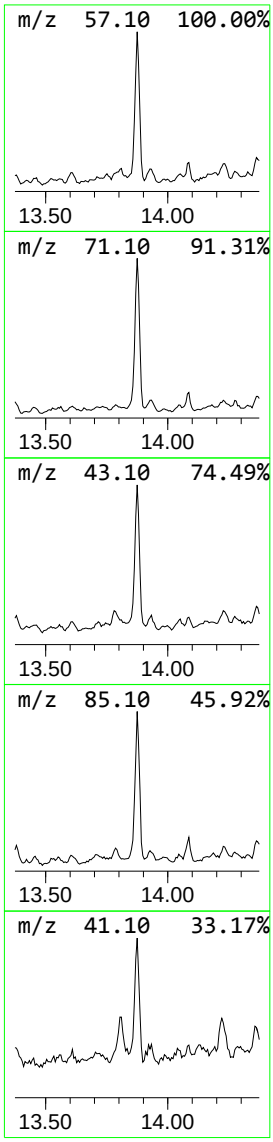
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Carbonic acid, eicosyl viny... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	4.27 ng	602290	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Decane, 5-propyl-	184	C13H28	017312-62-8	70
5	Hexadecane	226	C16H34	000544-76-3	58





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Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

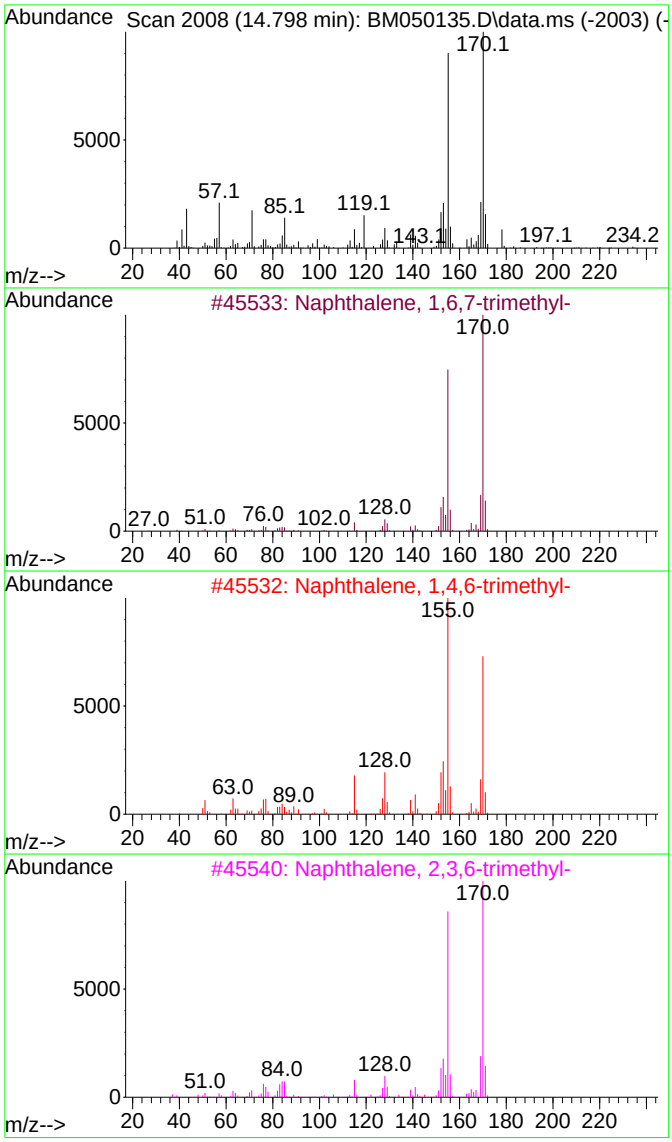
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

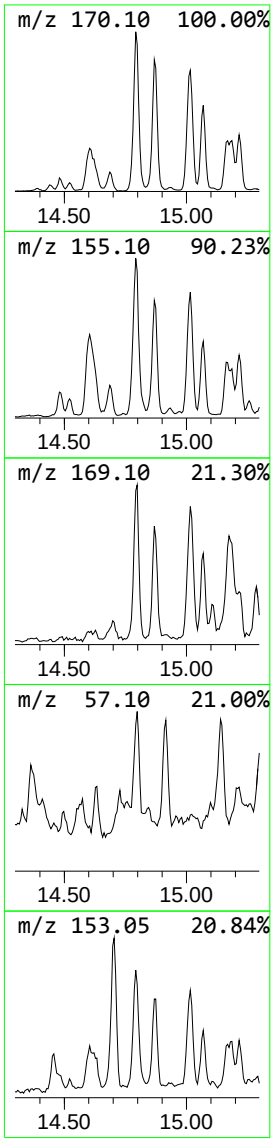
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	4.49 ng	632030	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





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Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

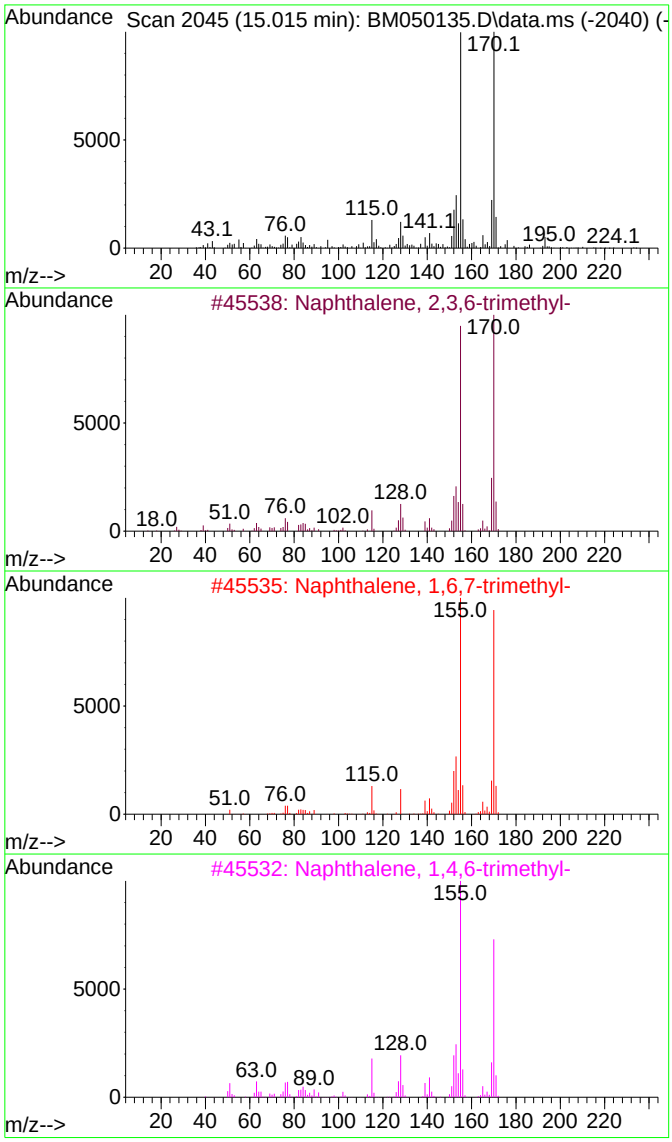
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

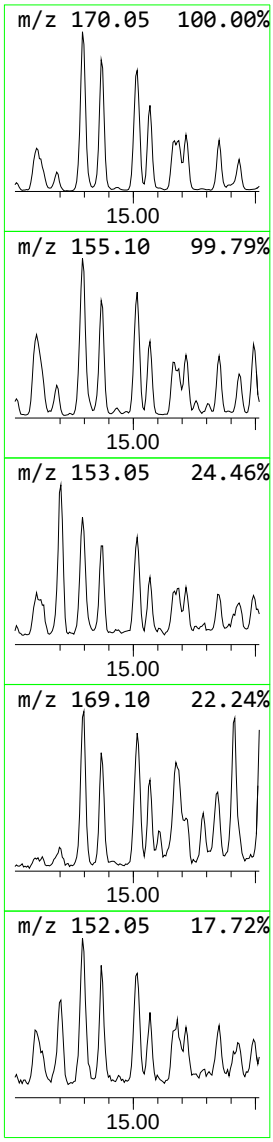
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.015	4.42 ng	623234	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

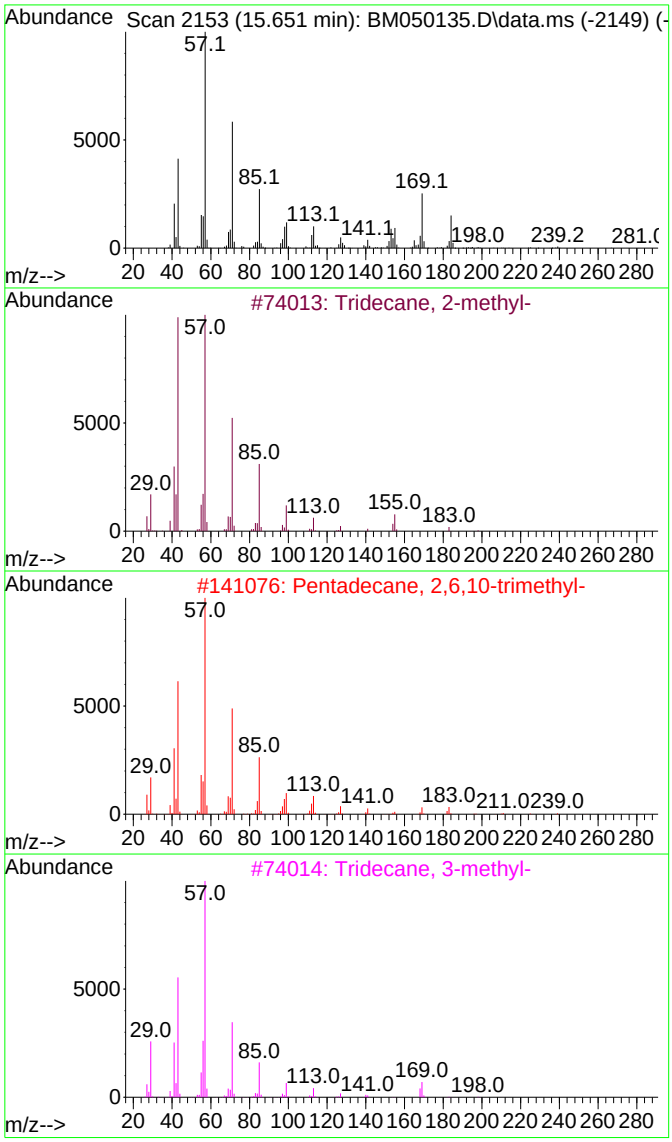
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

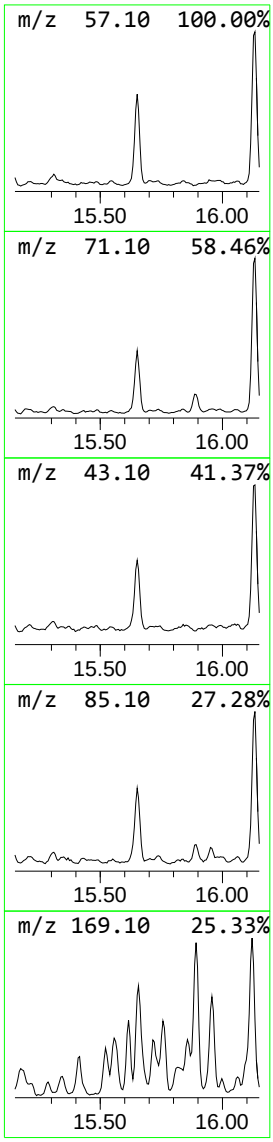
****

Peak Number 14 Tridecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	6.22 ng	876819	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	70
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	60
4	Heptacosane	380	C27H56	000593-49-7	58
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

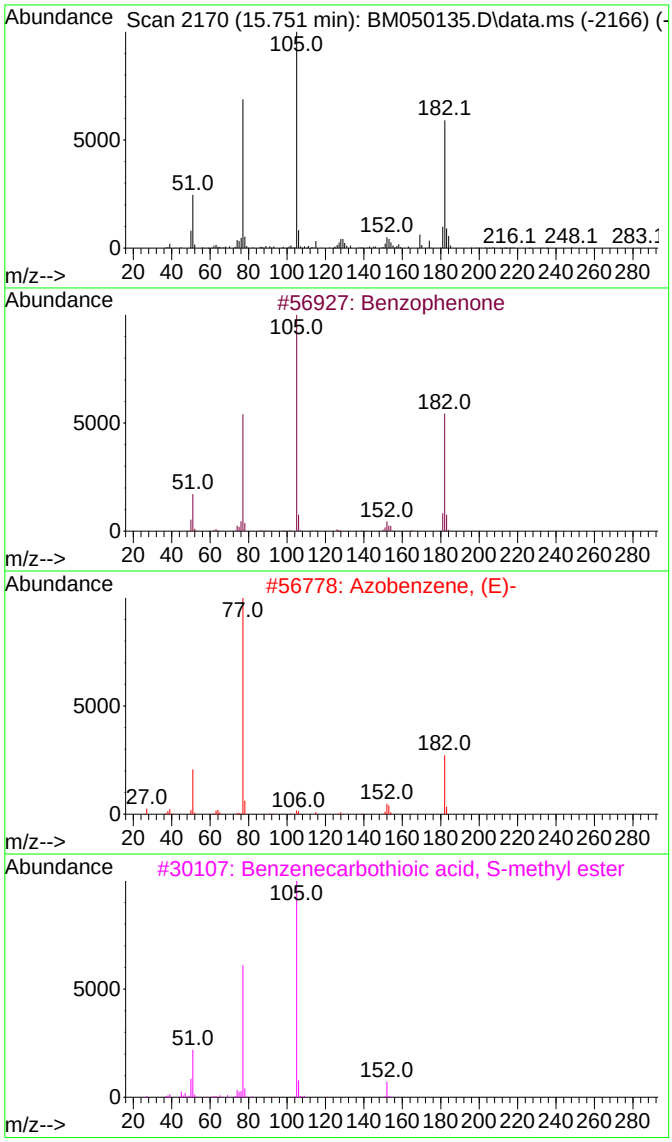
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

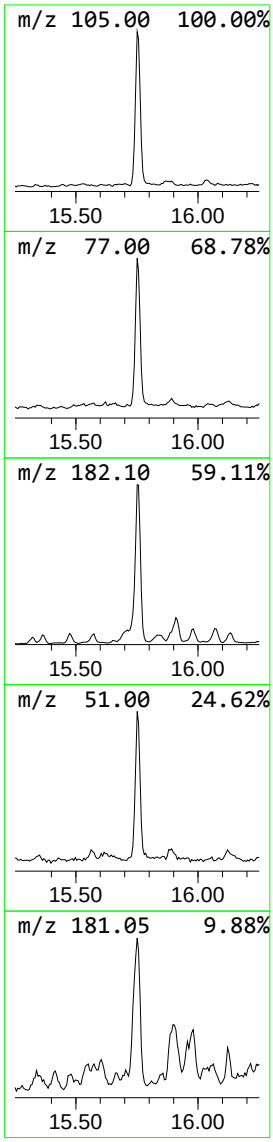
****

Peak Number 15 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	5.70 ng	803686	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	58
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
4	N-Benzoylimidazole	172	C10H8N2O	010364-94-0	38
5	Benzoic acid, 2-(benzoylthio)thi...	341	C17H11NO3S2	1000258-72-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

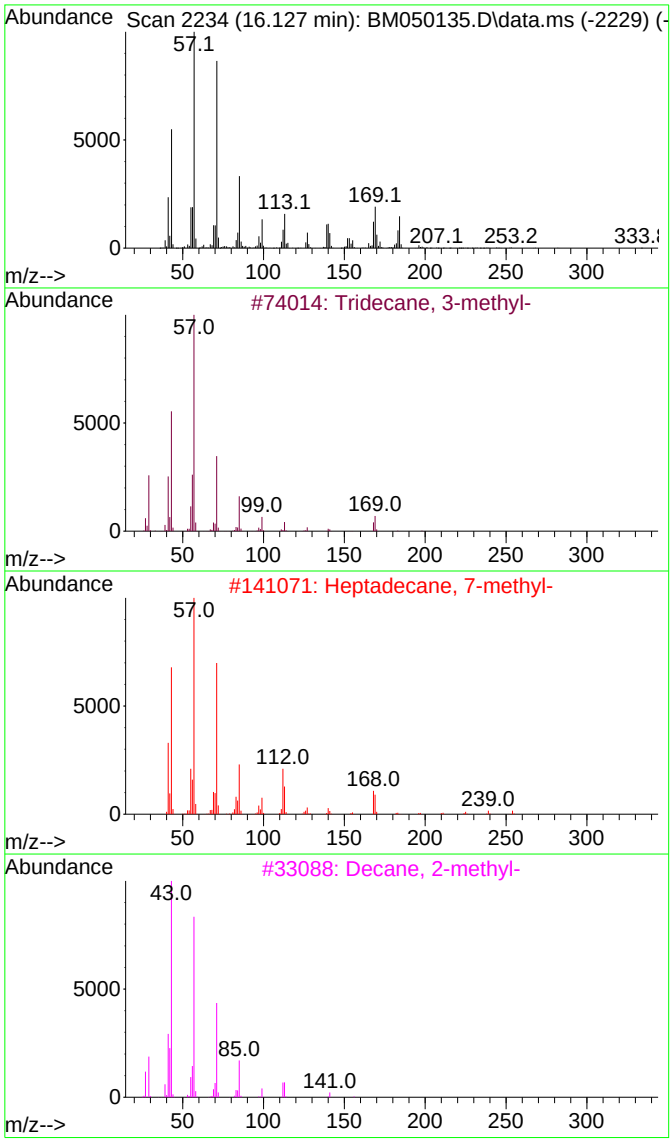
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

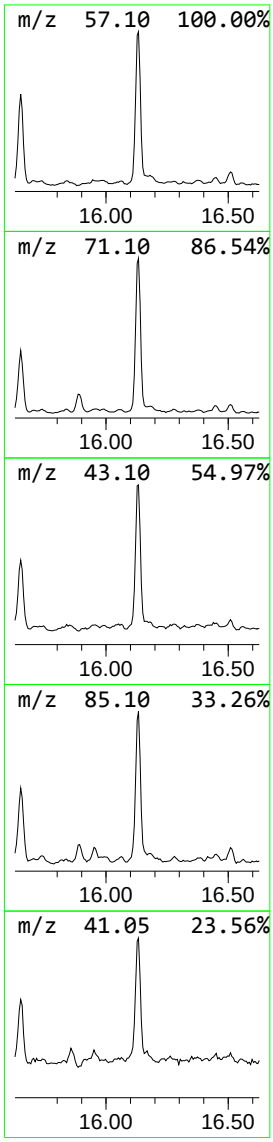
****

Peak Number 16 Tridecane, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.127	14.75 ng	2228620	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	81
2	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	64
3	Decane, 2-methyl-	156	C11H24	006975-98-0	64
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	60
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

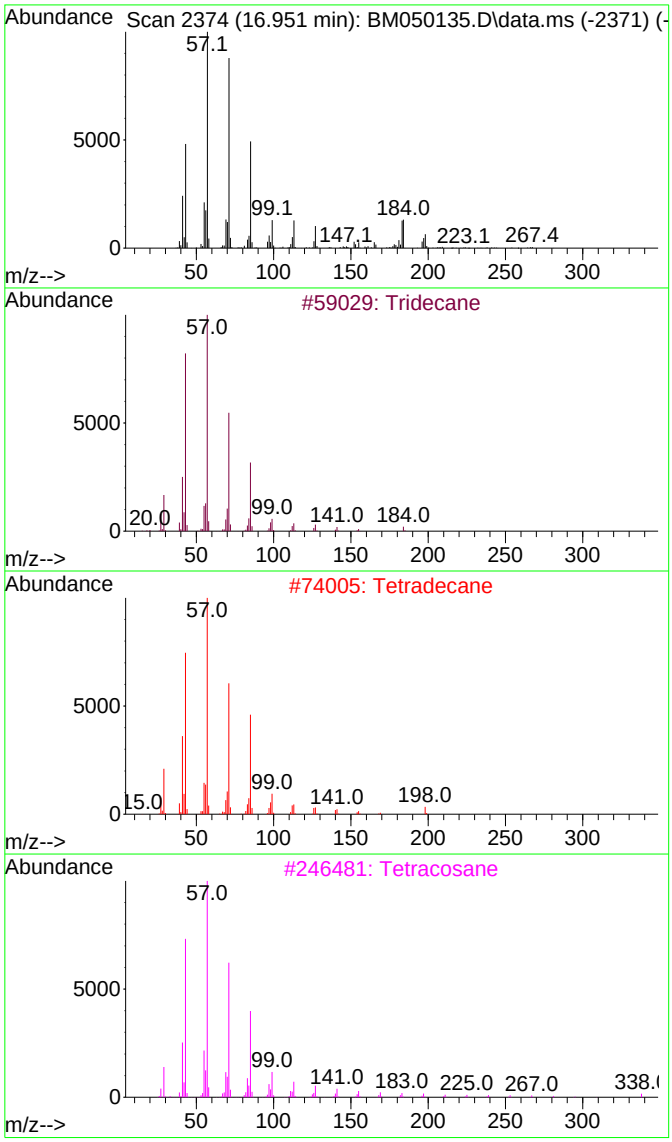
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

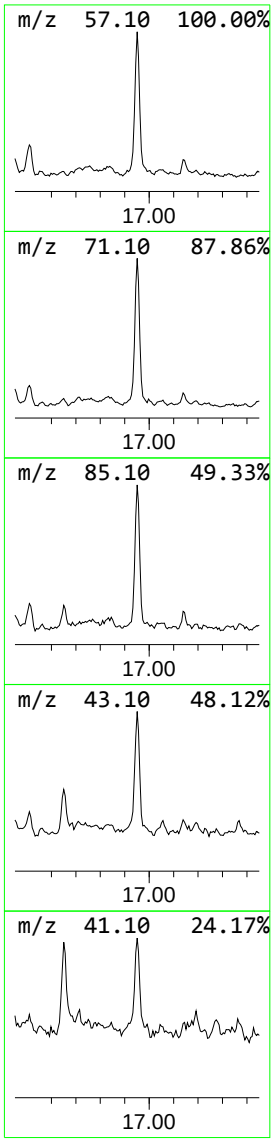
****

Peak Number 17 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.951	4.52 ng	683418	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Tetradecane	198	C14H30	000629-59-4	81
3	Tetracosane	338	C24H50	000646-31-1	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

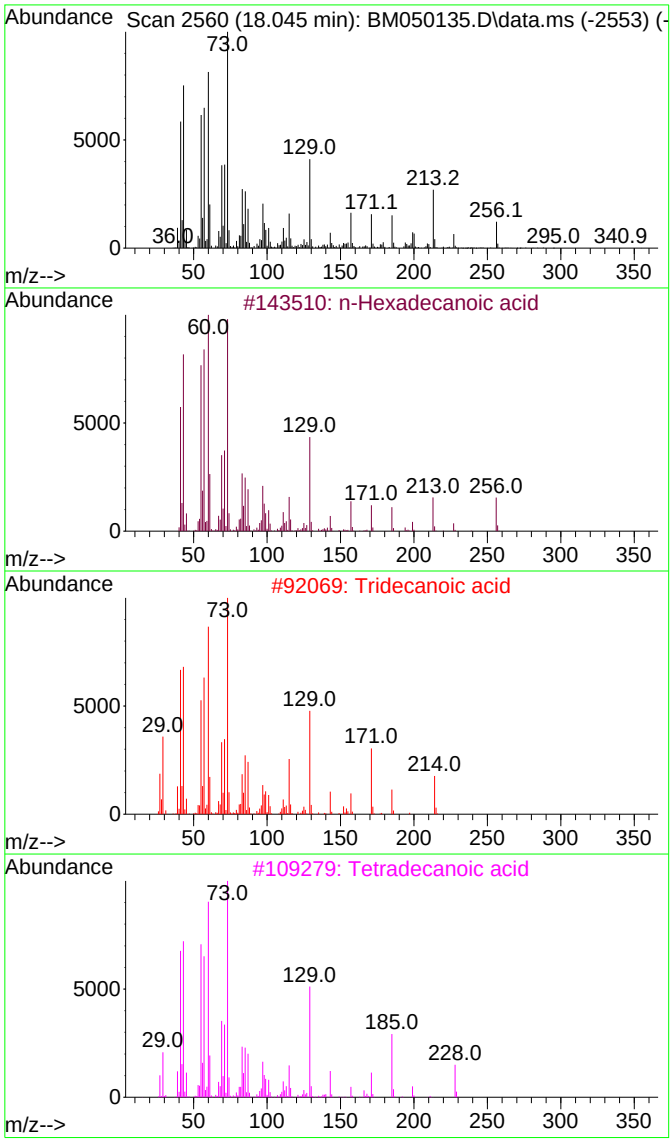
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

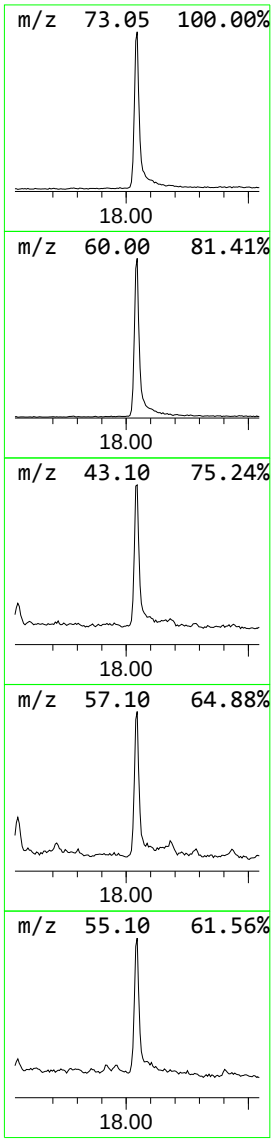
****

Peak Number 18 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	13.03 ng	1969100	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

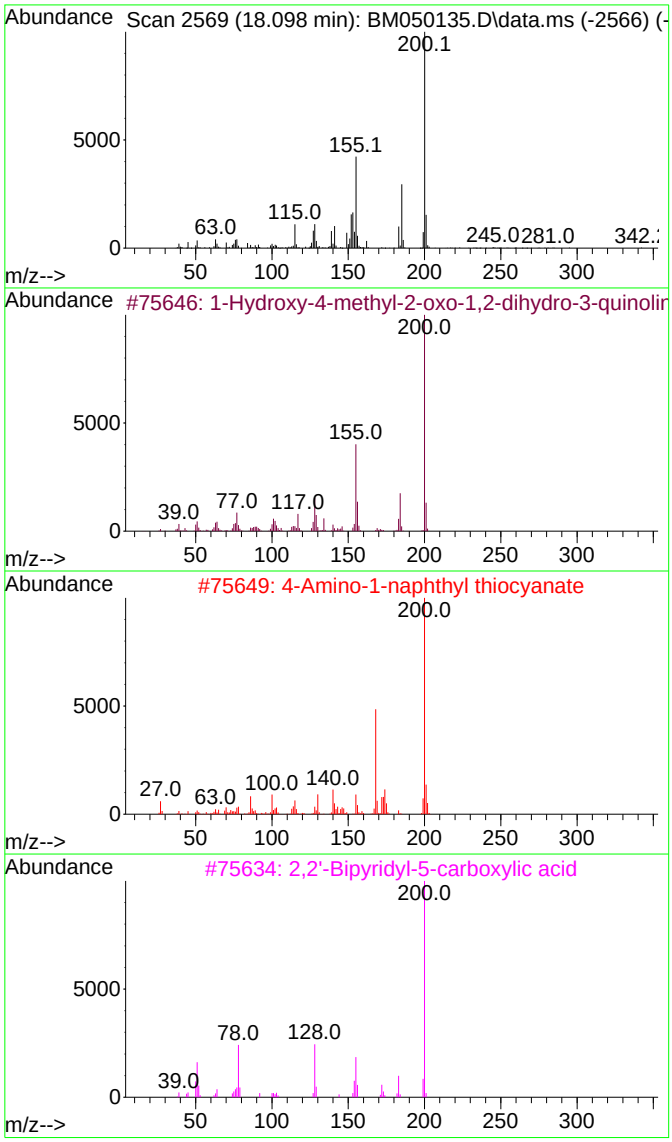
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

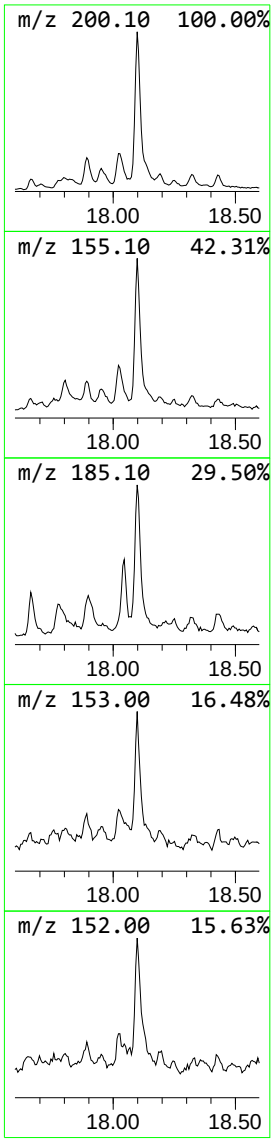
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1-Hydroxy-4-methyl-2-oxo-1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	5.14 ng	777127	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hydroxy-4-methyl-2-oxo-1,2-dih...	200	C11H8N2O2	021771-74-4	58
2	4-Amino-1-naphthyl thiocyanate	200	C11H8N2S	032359-11-8	43
3	2,2'-Bipyridyl-5-carboxylic acid	200	C11H8N2O2	001970-80-5	43
4	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	43
5	Bisphenol F, 2-methylpropionate	270	C17H18O3	1000462-19-4	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

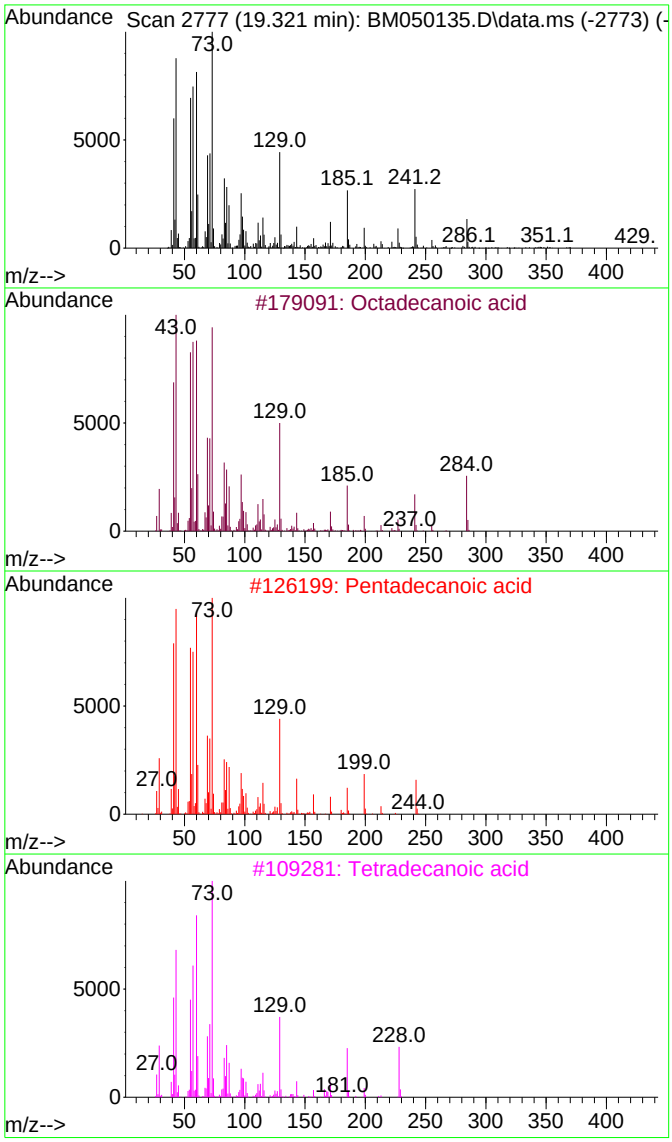
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

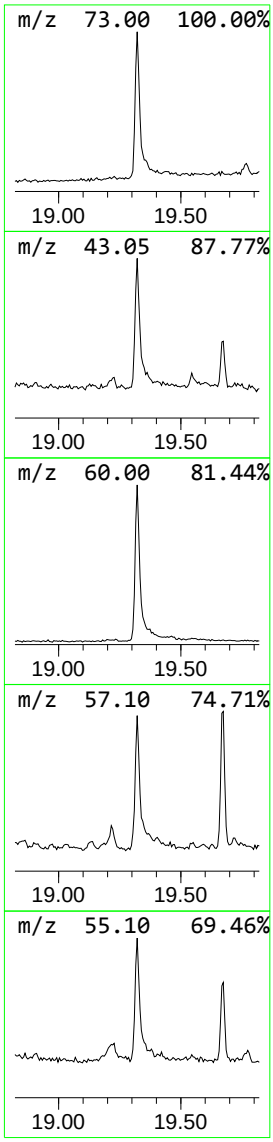
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	4.50 ng	730337	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.863	7.6	ng	512582	1	7.745	1349750	20.0
Benzene, 1-ethy...	8.845	5.0	ng	335518	1	7.745	1349750	20.0
Benzene, 1-meth...	9.939	7.3	ng	771473	2	10.539	2118260	20.0
Benzene, (2-met...	10.651	3.9	ng	415252	2	10.539	2118260	20.0
1H-Indene, 2,3-...	11.645	3.6	ng	385537	2	10.539	2118260	20.0
Benzene, pentam...	11.863	4.0	ng	429065	2	10.539	2118260	20.0
1H-Inden-1-one,...	11.933	5.4	ng	569652	2	10.539	2118260	20.0
unknown12.398	12.398	6.7	ng	711479	2	10.539	2118260	20.0
unknown12.933	12.933	5.4	ng	762769	3	14.392	2817830	20.0
Naphthalene, 2,...	13.569	5.6	ng	784728	3	14.392	2817830	20.0
Carbonic acid, ...	13.874	4.3	ng	602290	3	14.392	2817830	20.0
Naphthalene, 1,...	14.798	4.5	ng	632030	3	14.392	2817830	20.0
Naphthalene, 2,...	15.015	4.4	ng	623234	3	14.392	2817830	20.0
Tridecane, 2-me...	15.651	6.2	ng	876819	3	14.392	2817830	20.0
Benzophenone	15.751	5.7	ng	803686	3	14.392	2817830	20.0
Tridecane, 3-me...	16.127	14.8	ng	2228620	4	17.145	3022780	20.0
Tridecane	16.951	4.5	ng	683418	4	17.145	3022780	20.0
n-Hexadecanoic ...	18.045	13.0	ng	1969100	4	17.145	3022780	20.0
1-Hydroxy-4-met...	18.098	5.1	ng	777127	4	17.145	3022780	20.0
Octadecanoic acid	19.321	4.5	ng	730337	5	21.386	3249050	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050138.D
Acq On : 07 May 2025 17:03
Operator : RC/JU
Sample : Q1945-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3WDL

Quant Time: May 07 18:00:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

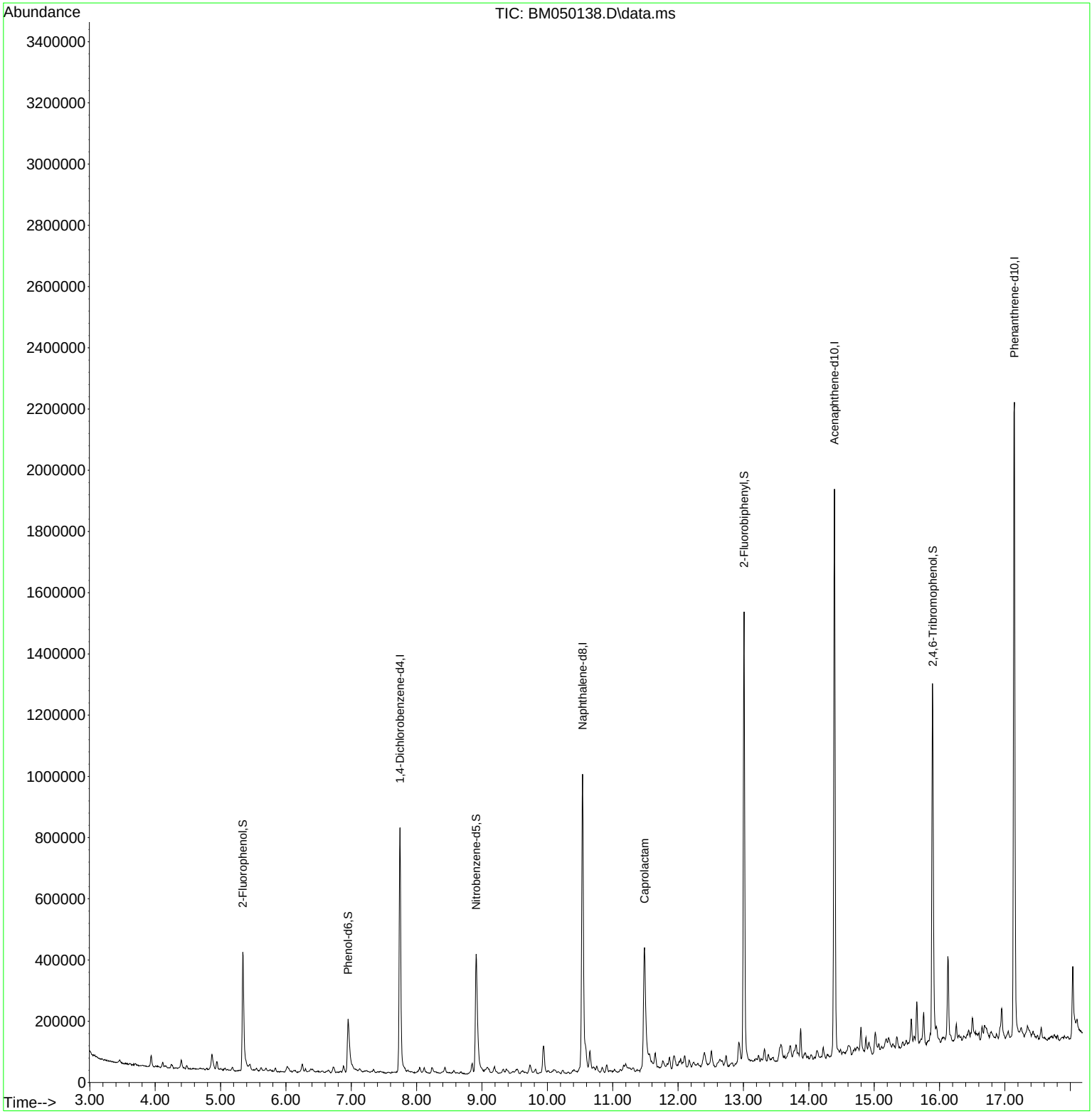
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	252681	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	948637	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	680621	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1371677	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1252991	20.000	ng	-0.01
86) Perylene-d12	24.385	264	1255099	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	231975	16.076	ng	-0.02
7) Phenol-d6	6.951	99	184138	10.153	ng	0.00
23) Nitrobenzene-d5	8.910	82	305105	15.849	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	269859	26.815	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	867165	15.072	ng	-0.02
79) Terphenyl-d14	19.768	244	1273016	15.034	ng	-0.01
Target Compounds						Qvalue
35) Caprolactam	11.486	113	130629	28.357	ng	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050138.D
Acq On : 07 May 2025 17:03
Operator : RC/JU
Sample : Q1945-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3WDL

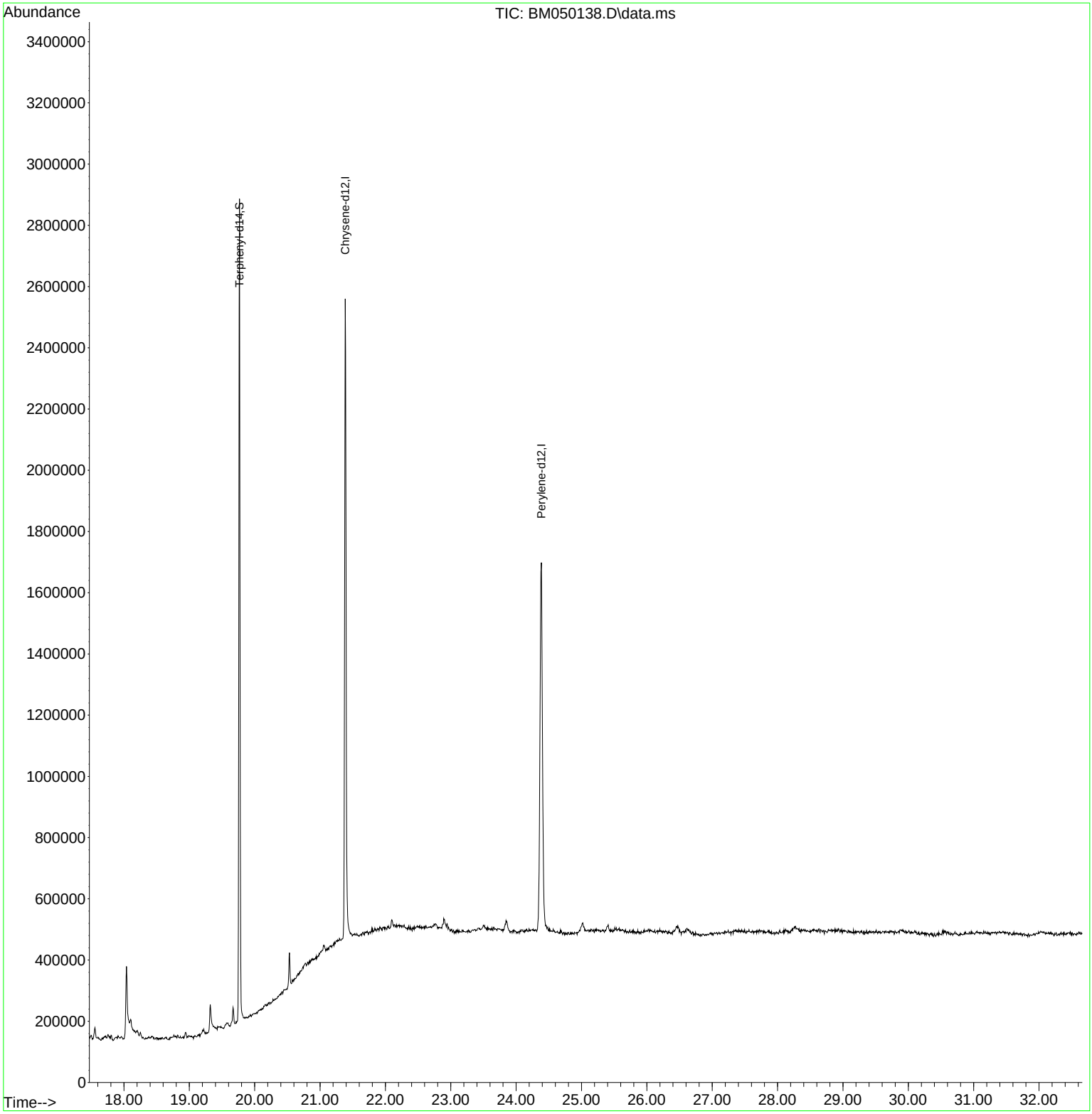
Quant Time: May 07 18:00:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

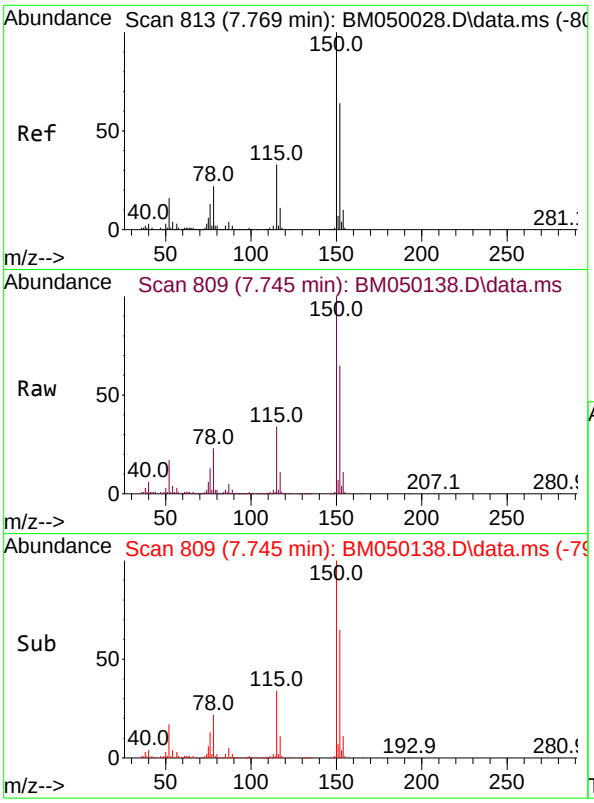


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050138.D
Acq On : 07 May 2025 17:03
Operator : RC/JU
Sample : Q1945-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3WDL

Quant Time: May 07 18:00:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



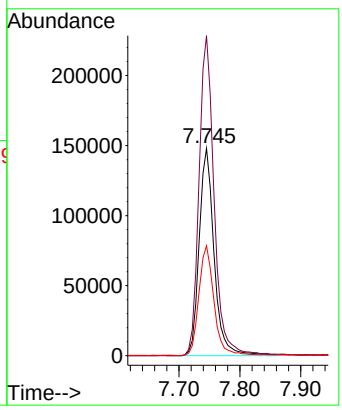


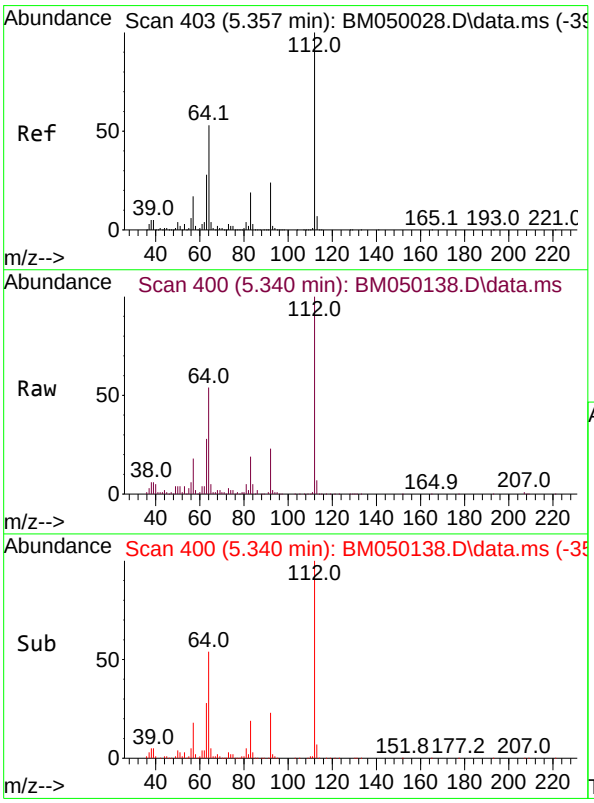
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Instrument :
BNA_M
ClientSampleId :
GB3WDL

Tgt Ion:152 Resp: 252681

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.1	186.1
115	53.0	41.2	61.8

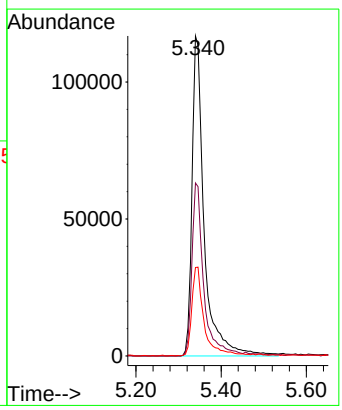




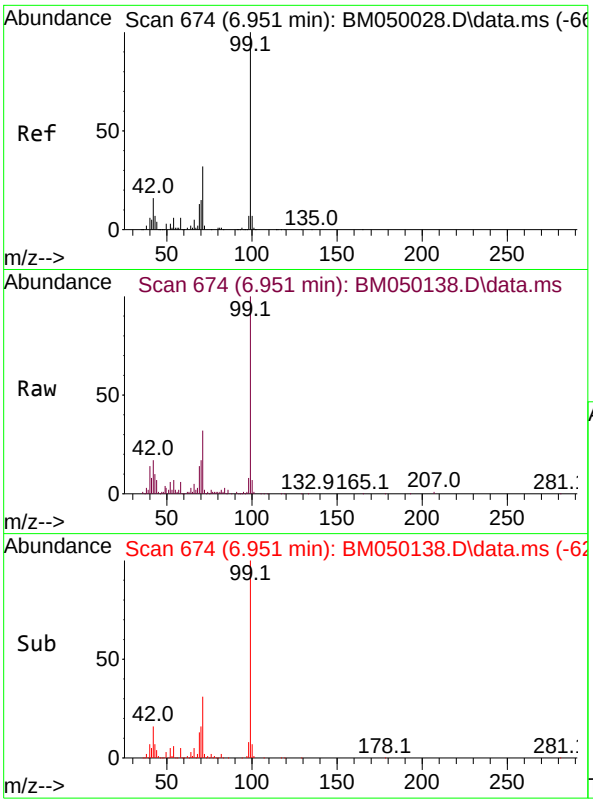
#5
2-Fluorophenol
Concen: 16.076 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:112 Resp: 231975

Ion	Ratio	Lower	Upper
112	100		
64	54.0	42.6	64.0
63	27.7	22.2	33.4



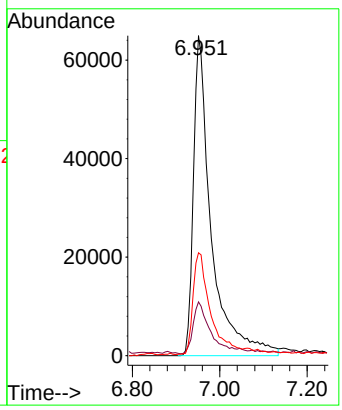
Instrument :
BNA_M
ClientSampleId :
GB3WDL

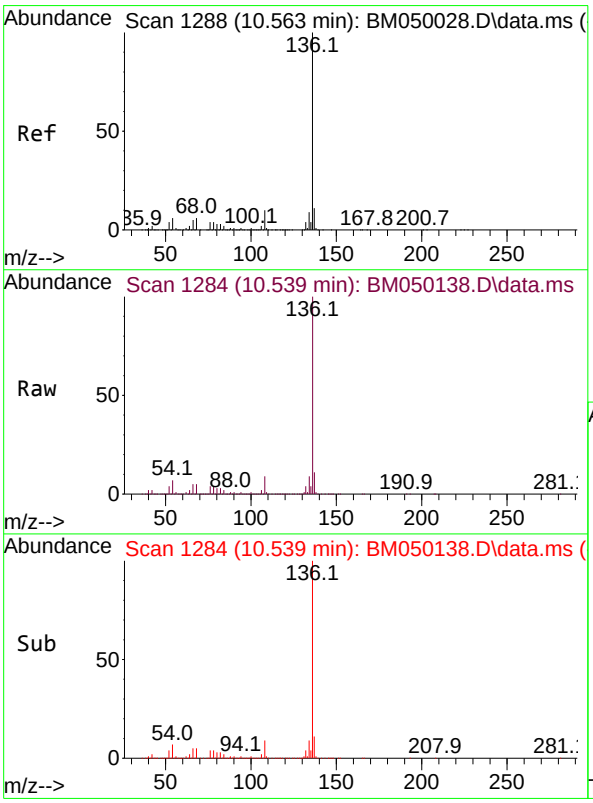


#7
Phenol-d6
Concen: 10.153 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion: 99 Resp: 184138

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.0	19.4
71	32.2	25.6	38.4

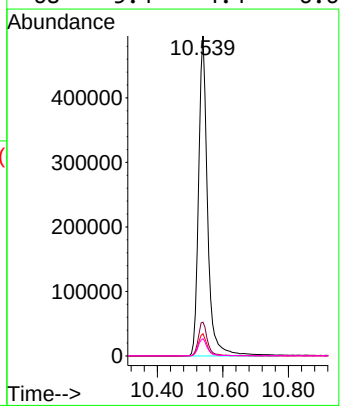




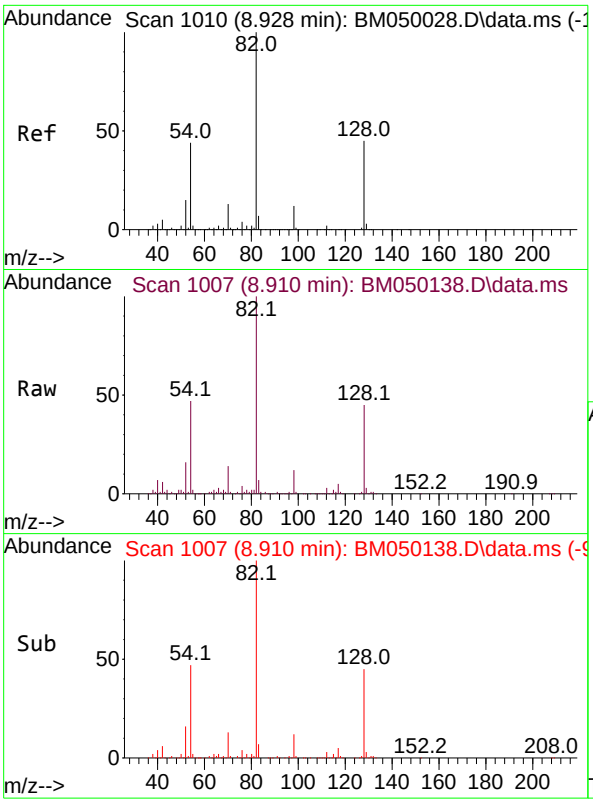
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:136 Resp: 948637

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.0	5.1	7.7
68	5.4	4.4	6.6



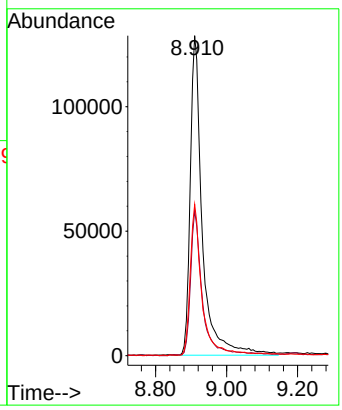
Instrument :
BNA_M
ClientSampleId :
GB3WDL

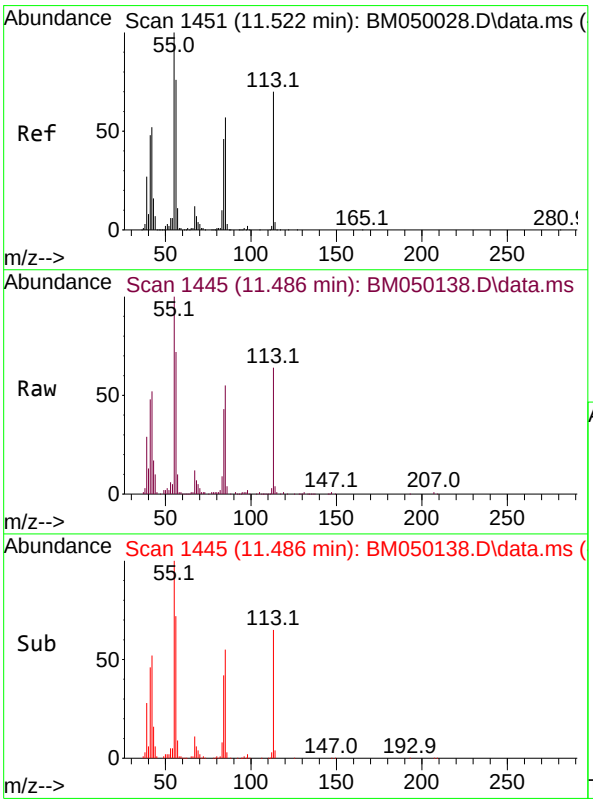


#23
Nitrobenzene-d5
Concen: 15.849 ng
RT: 8.910 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion: 82 Resp: 305105

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.7	53.5
54	47.3	35.4	53.2

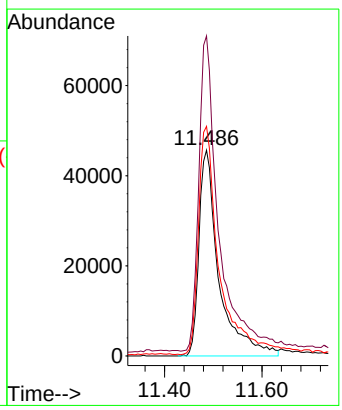




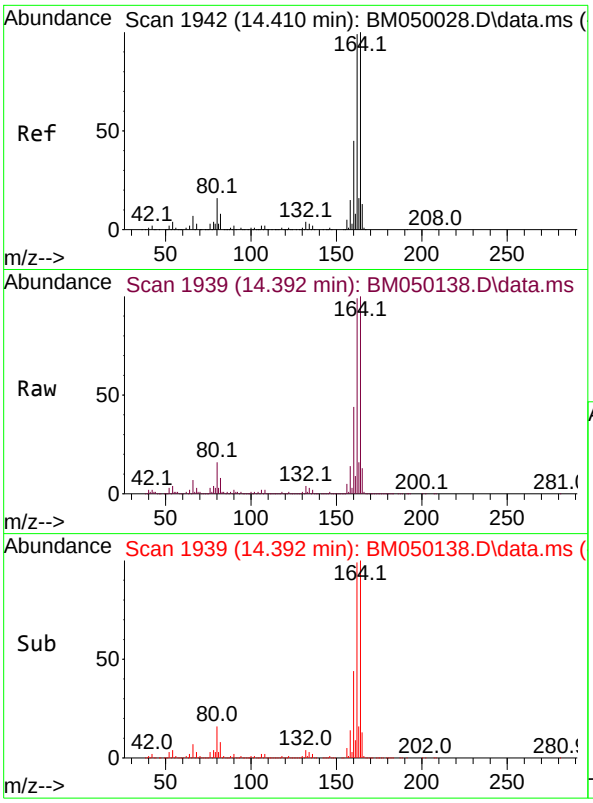
#35
Caprolactam
Concen: 28.357 ng
RT: 11.486 min Scan# 1445
Delta R.T. -0.035 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:113 Resp: 130629

Ion	Ratio	Lower	Upper
113	100		
55	155.5	122.9	162.9
56	111.6	88.1	128.1



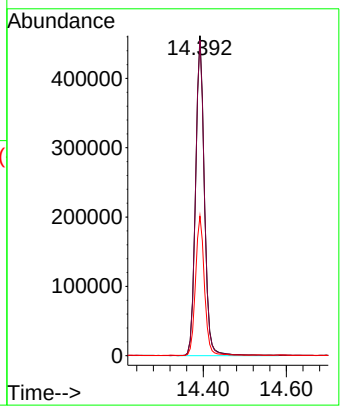
Instrument :
BNA_M
ClientSampleId :
GB3WDL

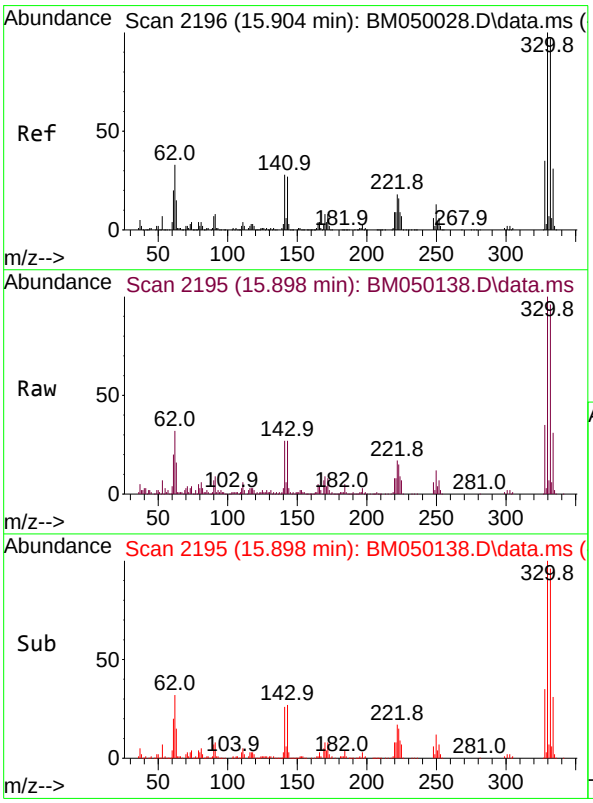


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:164 Resp: 680621

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.4	119.0
160	43.6	36.2	54.4

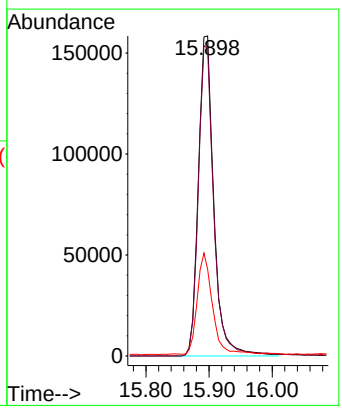




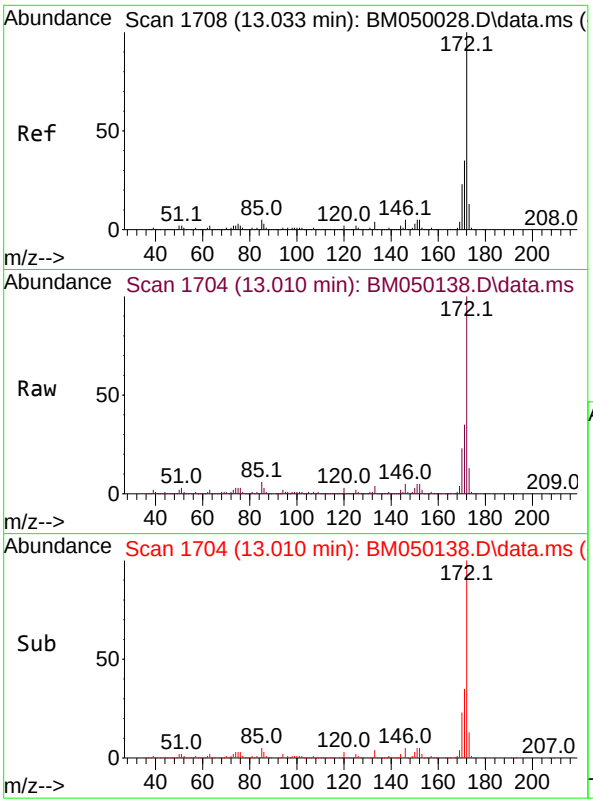
#42
2,4,6-Tribromophenol
Concen: 26.815 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:330 Resp: 269859

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	30.6	22.5	33.7



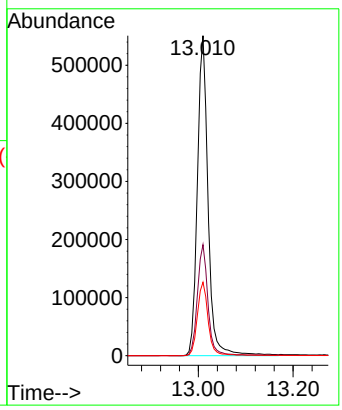
Instrument :
BNA_M
ClientSampleId :
GB3WDL

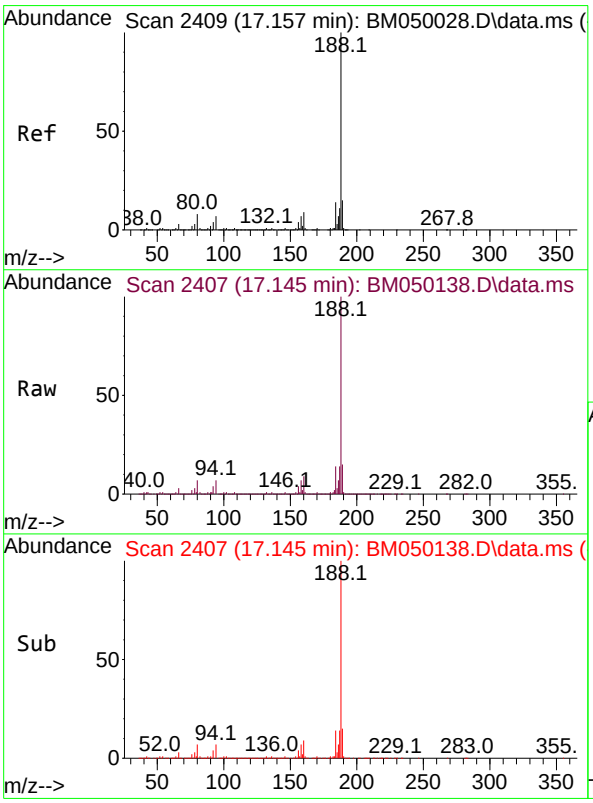


#45
2-Fluorobiphenyl
Concen: 15.072 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:172 Resp: 867165

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	22.9	18.6	28.0

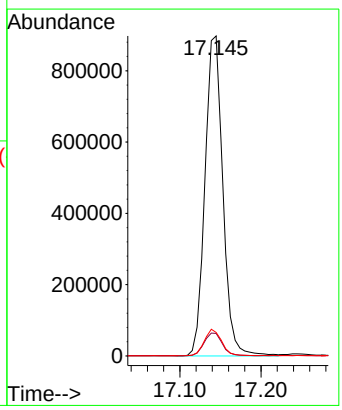




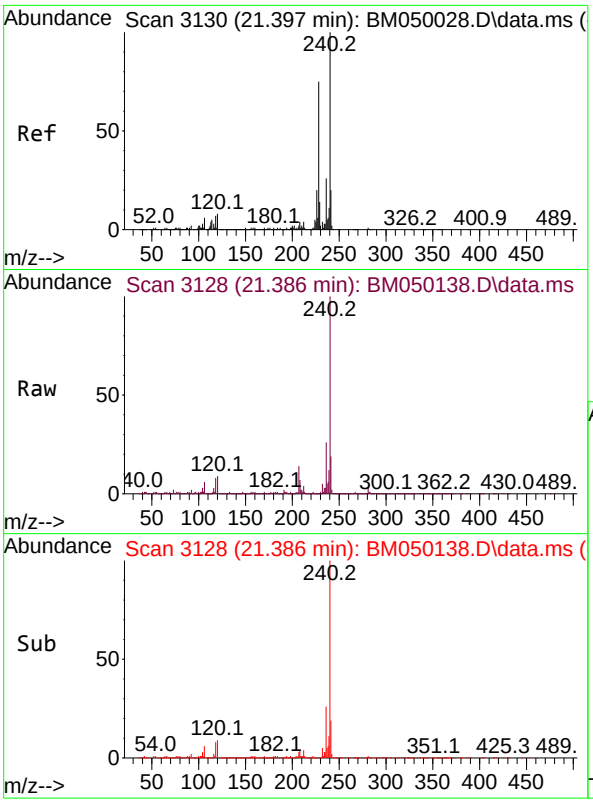
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:188 Resp: 1371677

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.4	6.2	9.4



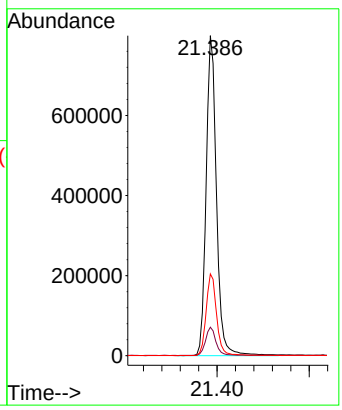
Instrument :
BNA_M
ClientSampleId :
GB3WDL

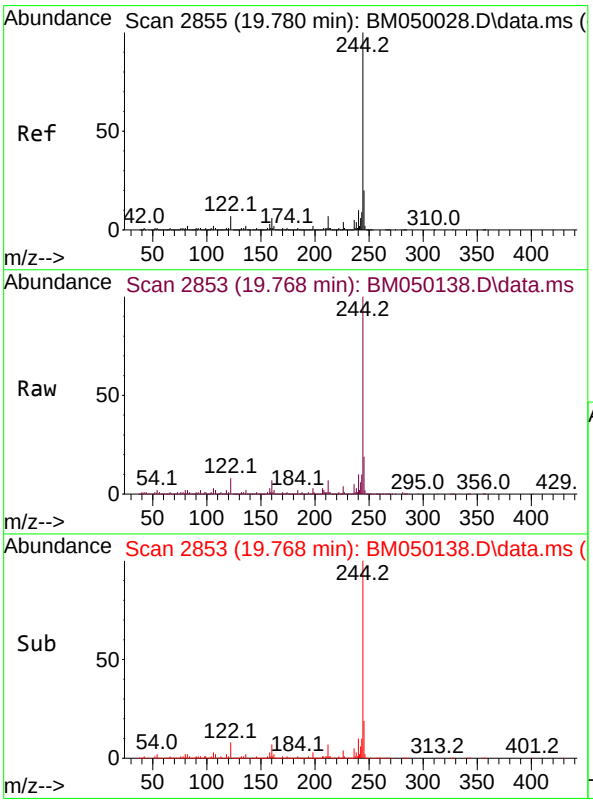


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:240 Resp: 1252991

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.5	9.7
236	25.5	20.9	31.3

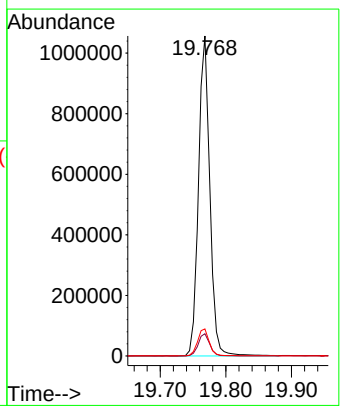


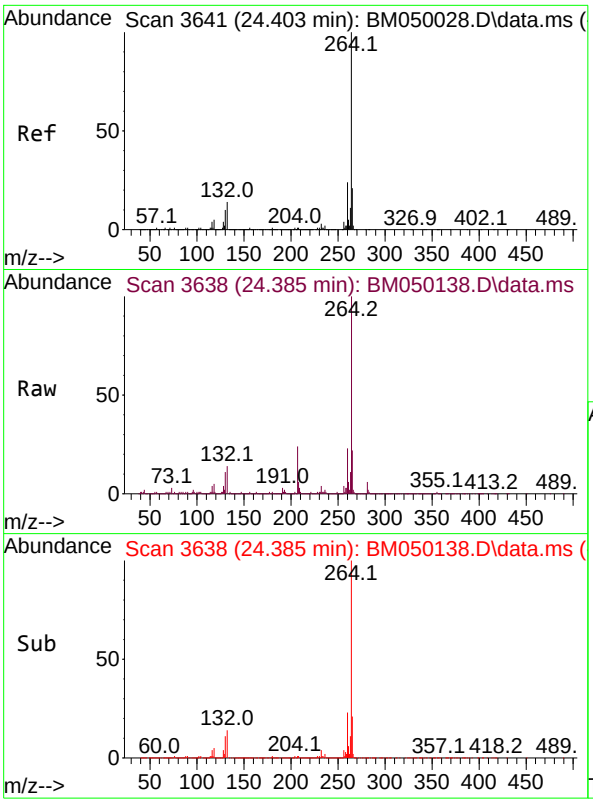


#79
Terphenyl-d14
Concen: 15.034 ng
RT: 19.768 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:244 Resp: 1273016

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	8.4	5.6	8.4#



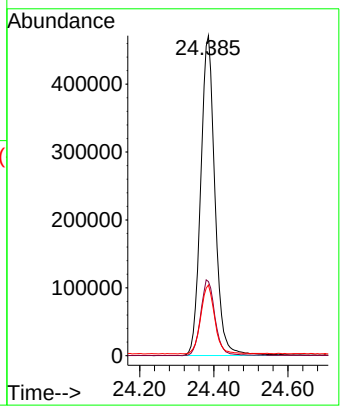


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.385 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Instrument :
BNA_M
ClientSampleId :
GB3WDL

Tgt Ion:264 Resp: 1255099

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	22.1	17.0	25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BL

Quant Time: May 08 12:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

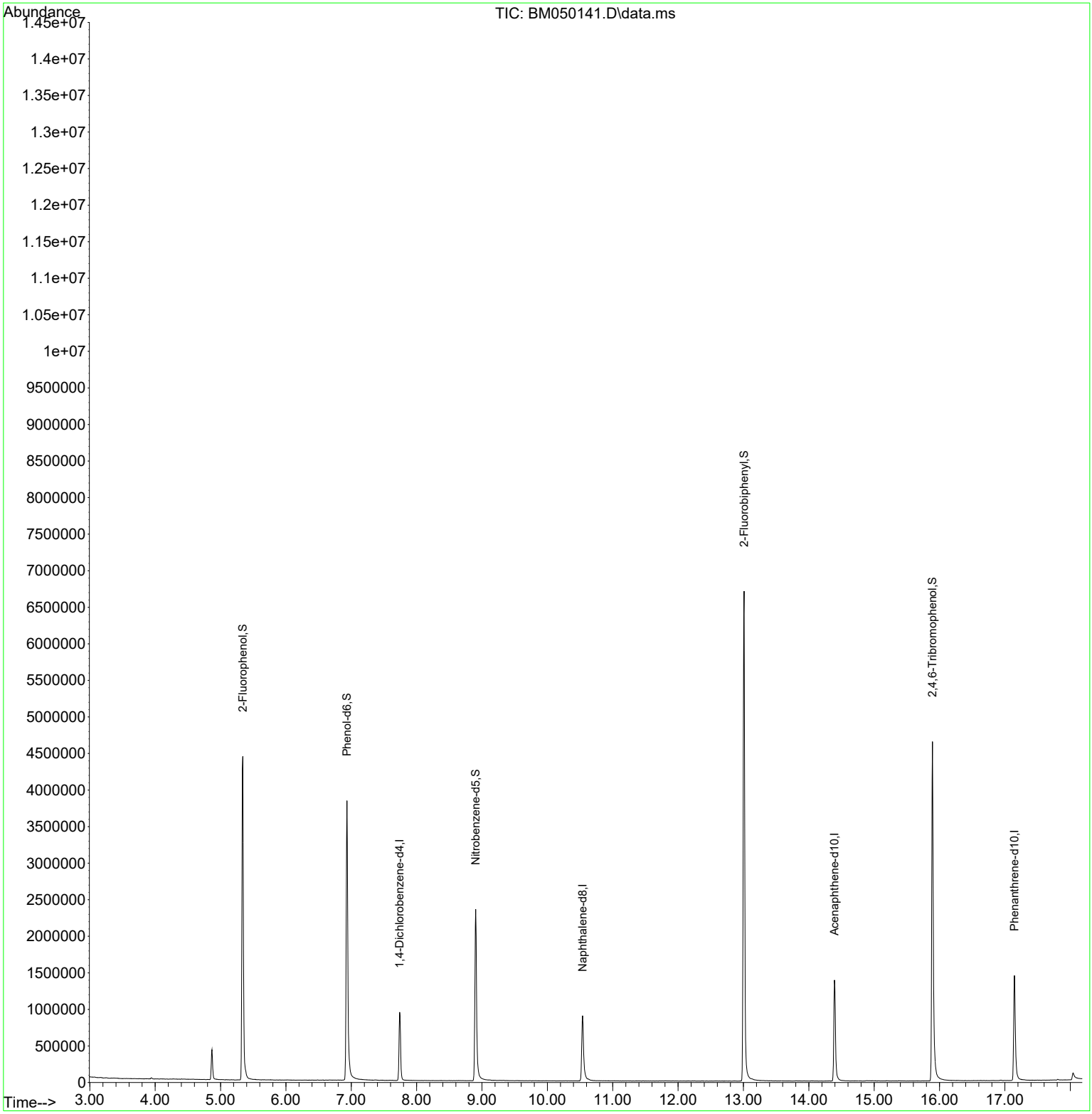
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	284899	20.000	ng	0.00
21) Naphthalene-d8	10.539	136	988666	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	615934	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1138365	20.000	ng	0.00
76) Chrysene-d12	21.391	240	926404	20.000	ng	0.00
86) Perylene-d12	24.385	264	1008661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	2187119	134.427	ng	0.00
7) Phenol-d6	6.934	99	2617121	127.981	ng	0.00
23) Nitrobenzene-d5	8.904	82	1582925	78.895	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1174696	128.983	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	4198005	80.628	ng	0.00
79) Terphenyl-d14	19.768	244	5770748	92.176	ng	0.00
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BL

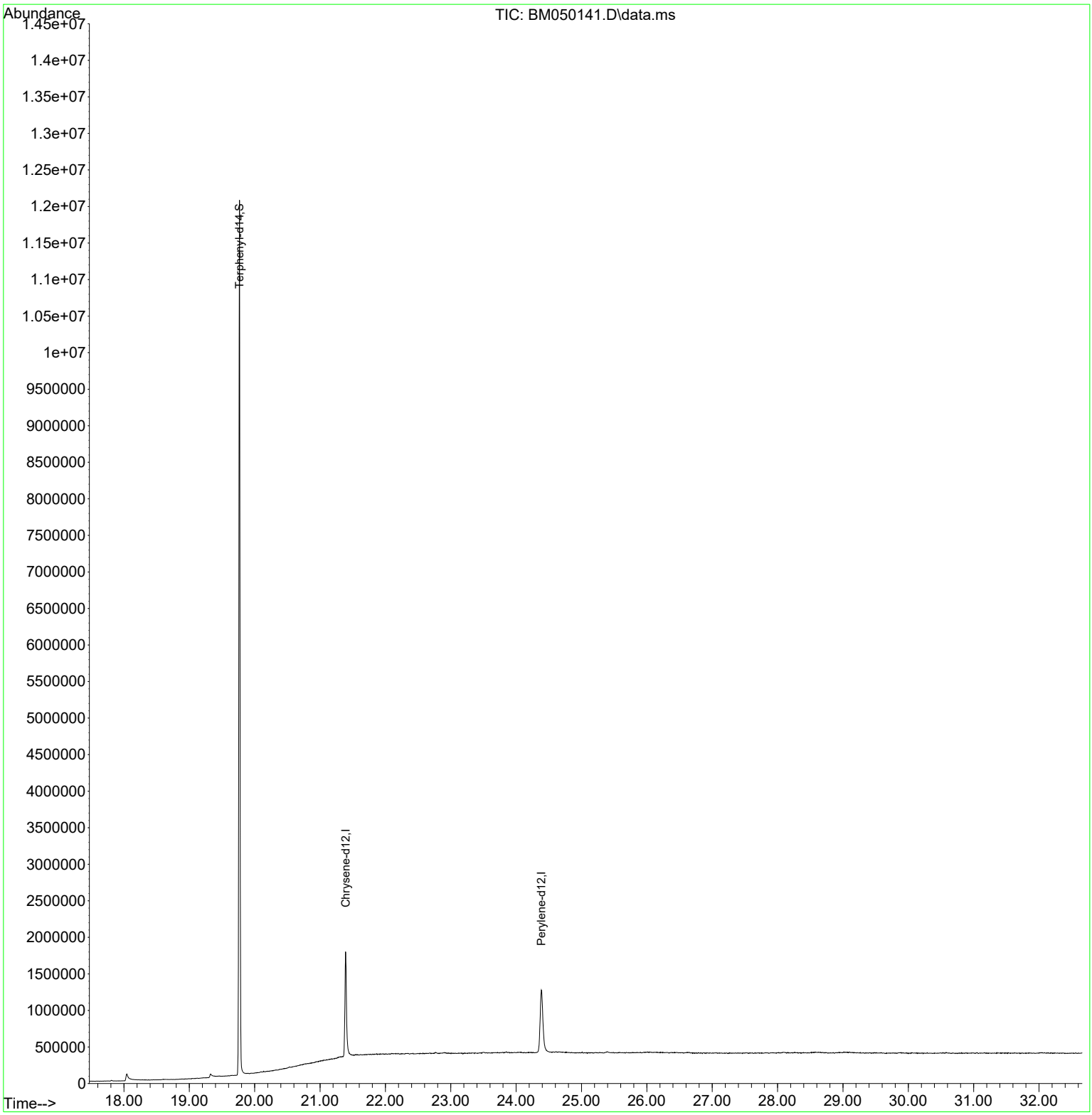
Quant Time: May 08 12:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BL

Quant Time: May 08 12:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration



Instrument :
BNA_M
ClientSampleId :
PB167889BL

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050141.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	314	320	330	rBV	410473	612536	4.26%	0.918%
2	5.340	393	400	417	rBV	4424702	7096282	49.41%	10.634%
3	6.934	664	671	700	rBV	3817923	6914069	48.14%	10.360%
4	7.739	800	808	821	rBV	935549	1563046	10.88%	2.342%
5	8.904	998	1006	1033	rBV	2345754	4486181	31.23%	6.722%
6	10.539	1275	1284	1306	rBV	892934	1964027	13.67%	2.943%
7	13.010	1696	1704	1731	rBV	6698872	11110302	77.35%	16.648%
8	14.392	1929	1939	1959	rBV	1381787	2513666	17.50%	3.767%
9	15.892	2187	2194	2233	rBV	4640284	8173491	56.91%	12.248%
10	17.145	2400	2407	2427	rBV2	1434806	2646945	18.43%	3.966%
11	18.045	2554	2560	2569	rBV3	93206	244419	1.70%	0.366%
12	19.768	2847	2853	2871	rBV	11970325	14363052	100.00%	21.523%
13	21.391	3123	3129	3143	rBV2	1434153	2520935	17.55%	3.778%
14	24.385	3631	3638	3660	rVB	848616	2525951	17.59%	3.785%

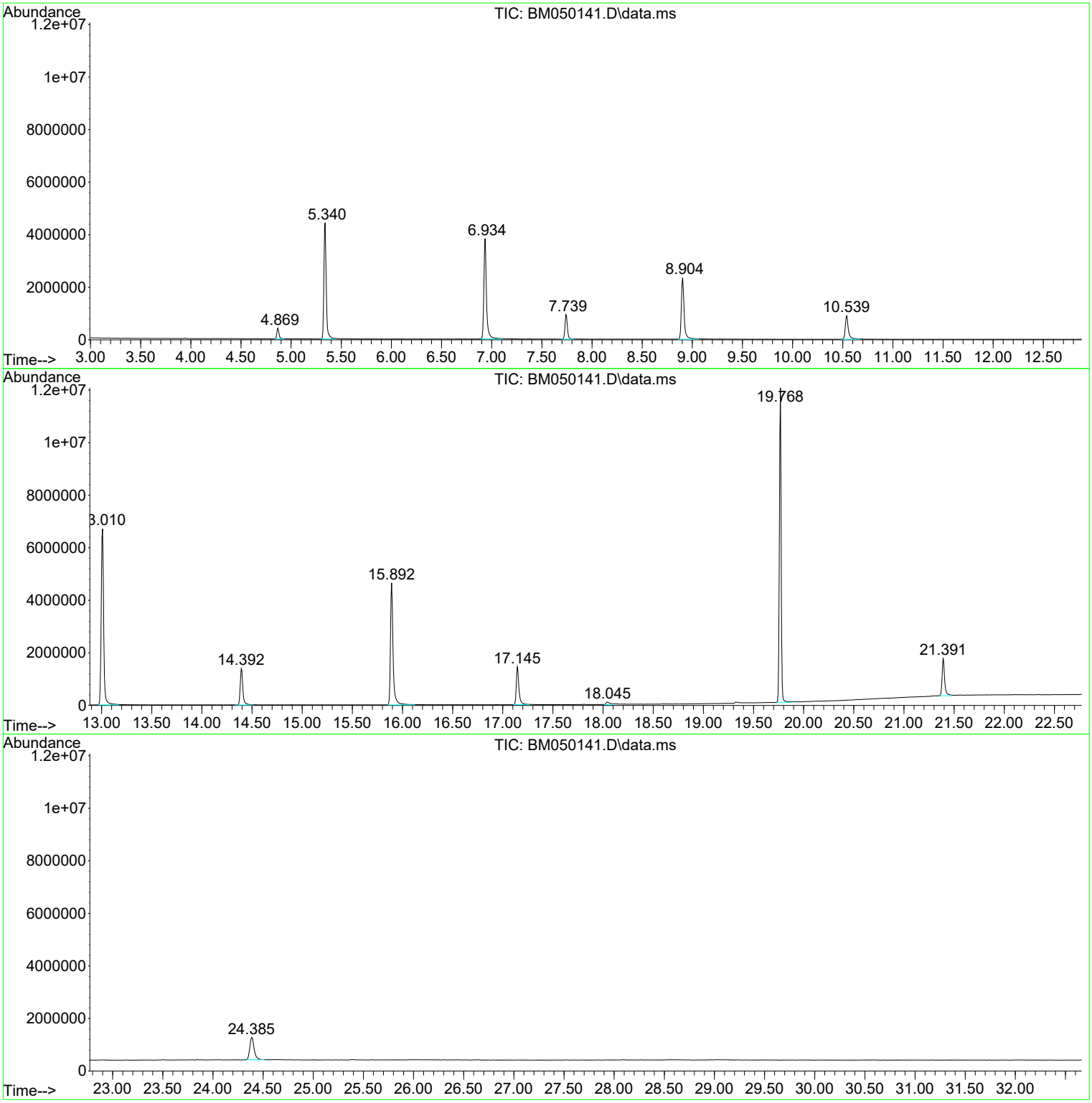
Sum of corrected areas: 66734902

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BL

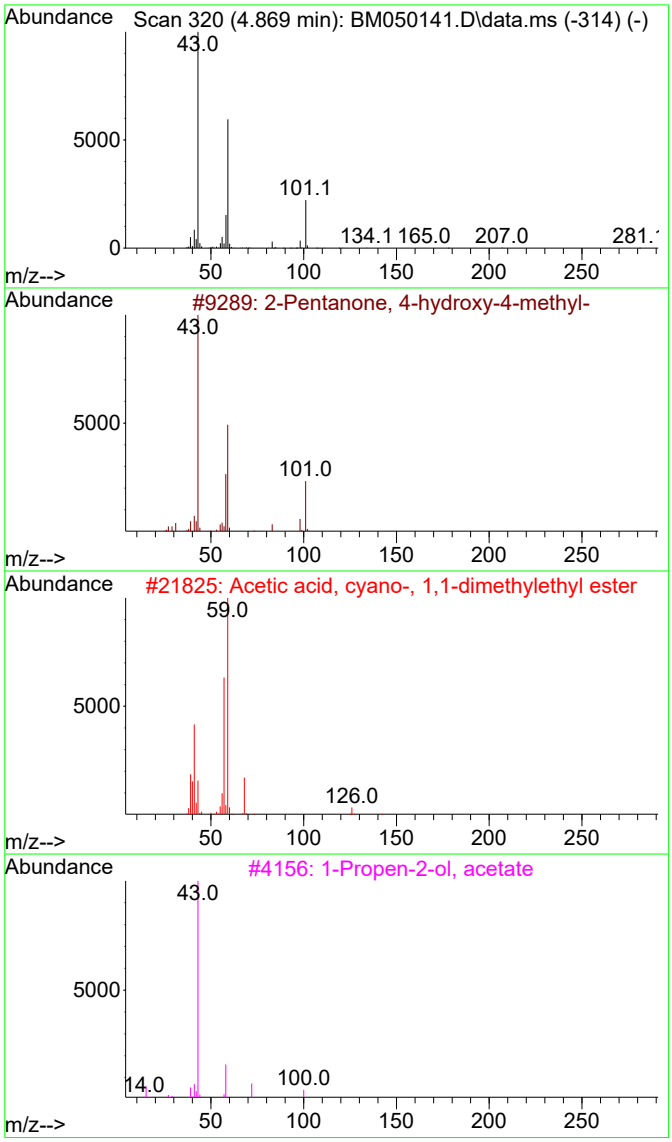
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

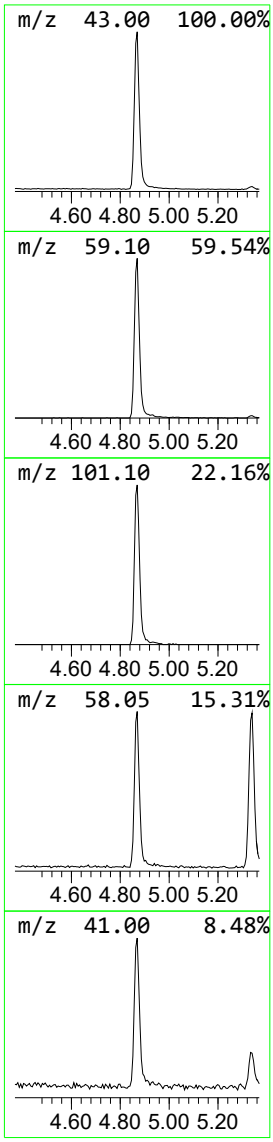
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	7.84 ng	612536	1,4-Dichlorobenzene-d4	7.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.869	7.8	ng	612536	1	7.739	1563050	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050142.D
Acq On : 08 May 2025 12:00
Operator : RC/JU
Sample : PB167889BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Quant Time: May 08 12:42:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	270040	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	938494	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	568093	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1021174	20.000	ng	0.00
76) Chrysene-d12	21.380	240	945959	20.000	ng	0.00
86) Perylene-d12	24.380	264	977986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1956963	126.899	ng	0.00
7) Phenol-d6	6.934	99	2378415	122.708	ng	0.00
23) Nitrobenzene-d5	8.904	82	1408955	73.978	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1043589	124.237	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3653835	76.087	ng	0.00
79) Terphenyl-d14	19.768	244	5064085	79.216	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	223866	33.856	ng	99
3) Pyridine	3.634	79	623284	36.688	ng	98
4) n-Nitrosodimethylamine	3.546	42	274924	41.260	ng	99
6) Aniline	7.075	93	685482	28.007	ng	99
8) 2-Chlorophenol	7.316	128	710289	42.599	ng	98
9) Benzaldehyde	6.887	77	297678	22.950	ng	98
10) Phenol	6.957	94	842425	42.933	ng	100
11) bis(2-Chloroethyl)ether	7.169	93	664180	40.537	ng	100
12) 1,3-Dichlorobenzene	7.628	146	805508	39.992	ng	99
13) 1,4-Dichlorobenzene	7.775	146	817636	40.408	ng	100
14) 1,2-Dichlorobenzene	8.093	146	785343	40.180	ng	99
15) Benzyl Alcohol	7.993	79	561188	41.749	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.269	45	815438	40.942	ng	99
17) 2-Methylphenol	8.204	107	539244	41.717	ng	99
18) Hexachloroethane	8.816	117	289103	40.192	ng	100
19) n-Nitroso-di-n-propyla...	8.551	70	492380	39.608	ng	99
20) 3+4-Methylphenols	8.534	107	724638	41.511	ng	96
22) Acetophenone	8.569	105	967776	41.478	ng	99
24) Nitrobenzene	8.945	77	696141	42.273	ng	99
25) Isophorone	9.475	82	1295435	39.903	ng	99
26) 2-Nitrophenol	9.657	139	368859	43.844	ng	99
27) 2,4-Dimethylphenol	9.728	122	598259	42.880	ng	100
28) bis(2-Chloroethoxy)met...	9.945	93	827841	41.256	ng	99
29) 2,4-Dichlorophenol	10.210	162	672716	43.040	ng	99
30) 1,2,4-Trichlorobenzene	10.398	180	783066	41.121	ng	99
31) Naphthalene	10.587	128	1944854	40.920	ng	99
32) Benzoic acid	9.910	122	373948	41.908	ng	98
33) 4-Chloroaniline	10.716	127	345539	17.737	ng	99
34) Hexachlorobutadiene	10.869	225	506147	41.872	ng	100
35) Caprolactam	11.510	113	170422	37.395	ng	97
36) 4-Chloro-3-methylphenol	11.851	107	588941	40.784	ng	97
37) 2-Methylnaphthalene	12.204	142	1272363	39.930	ng	99
38) 1-Methylnaphthalene	12.422	142	1330659	39.460	ng	99
40) 1,2,4,5-Tetrachloroben...	12.581	216	869756	44.227	ng	99
41) Hexachlorocyclopentadiene	12.551	237	1151100	95.780	ng	99
43) 2,4,6-Trichlorophenol	12.828	196	558909	44.808	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050142.D
Acq On : 08 May 2025 12:00
Operator : RC/JU
Sample : PB167889BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Quant Time: May 08 12:42:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

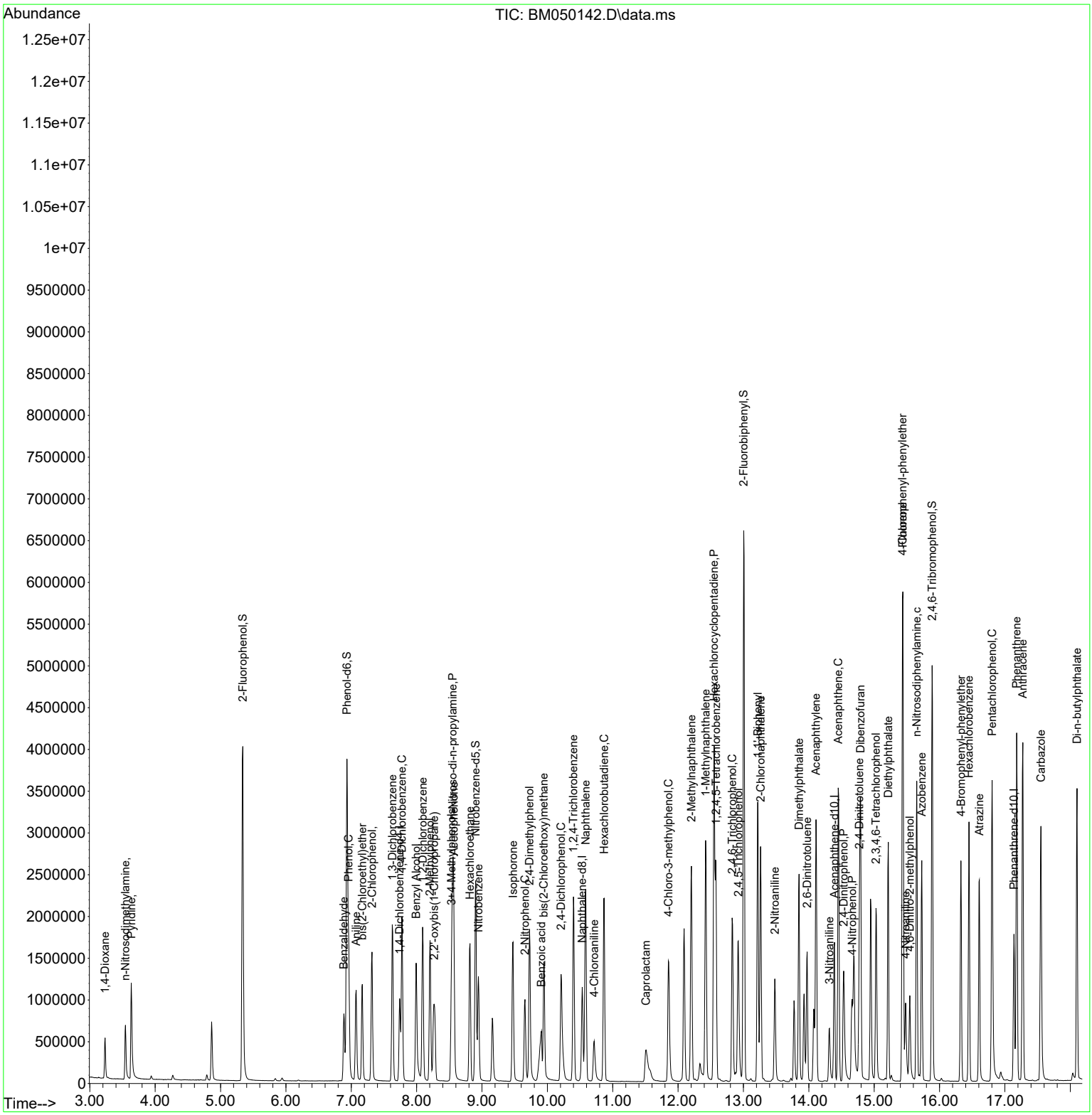
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	595418	44.267	ng		99
46) 1,1'-Biphenyl	13.222	154	1824120	43.196	ng		99
47) 2-Chloronaphthalene	13.263	162	1435664	42.925	ng		100
48) 2-Nitroaniline	13.480	65	350822	44.692	ng		99
49) Acenaphthylene	14.110	152	2229269	42.274	ng		100
50) Dimethylphthalate	13.851	163	1711305	41.219	ng		100
51) 2,6-Dinitrotoluene	13.975	165	370744	43.131	ng		99
52) Acenaphthene	14.451	154	1286566	42.149	ng		99
53) 3-Nitroaniline	14.316	138	203467	24.793	ng		98
54) 2,4-Dinitrophenol	14.533	184	437692	79.596	ng		98
55) Dibenzofuran	14.792	168	2121632	41.776	ng		99
56) 4-Nitrophenol	14.663	139	503968	75.740	ng		100
57) 2,4-Dinitrotoluene	14.774	165	509344	42.882	ng		97
58) Fluorene	15.439	166	1729486	41.605	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.027	232	487372	41.860	ng		99
60) Diethylphthalate	15.216	149	1565730	40.024	ng		99
61) 4-Chlorophenyl-phenyle...	15.433	204	952609	41.722	ng		99
62) 4-Nitroaniline	15.480	138	300705	37.978	ng		98
63) Azobenzene	15.727	77	1367543	41.712	ng		99
65) 4,6-Dinitro-2-methylph...	15.545	198	284575	44.519	ng		97
66) n-Nitrosodiphenylamine	15.651	169	1427311	45.517	ng		99
67) 4-Bromophenyl-phenylether	16.327	248	547445	44.332	ng		97
68) Hexachlorobenzene	16.451	284	633103	44.477	ng		98
69) Atrazine	16.610	200	493748	43.652	ng		99
70) Pentachlorophenol	16.804	266	768709	95.939	ng		99
71) Phenanthrene	17.180	178	2485581	43.156	ng		100
72) Anthracene	17.274	178	2559025	43.905	ng		100
73) Carbazole	17.551	167	2188535	43.271	ng		100
74) Di-n-butylphthalate	18.104	149	2568048	42.636	ng		100
75) Fluoranthene	19.204	202	2865387	42.375	ng		99
77) Benzidine	19.392	184	1066546	31.741	ng		99
78) Pyrene	19.568	202	2925918	44.046	ng		100
80) Butylbenzylphthalate	20.462	149	1090426	43.828	ng		98
81) Benzo(a)anthracene	21.362	228	2849979	43.751	ng		100
82) 3,3'-Dichlorobenzidine	21.292	252	620352	24.877	ng	#	99
83) Chrysene	21.427	228	2604413	43.198	ng		100
84) Bis(2-ethylhexyl)phtha...	21.280	149	1590468	42.798	ng		99
85) Di-n-octyl phthalate	22.403	149	2675728	43.660	ng		100
87) Indeno(1,2,3-cd)pyrene	27.774	276	3550952	48.729	ng		100
88) Benzo(b)fluoranthene	23.433	252	2769019	43.537	ng		99
89) Benzo(k)fluoranthene	23.492	252	2702901	42.013	ng		99
90) Benzo(a)pyrene	24.239	252	2612810	43.862	ng		99
91) Dibenzo(a,h)anthracene	27.809	278	2908155	48.956	ng		99
92) Benzo(g,h,i)perylene	28.815	276	2756751	48.474	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050142.D
Acq On : 08 May 2025 12:00
Operator : RC/JU
Sample : PB167889BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BS

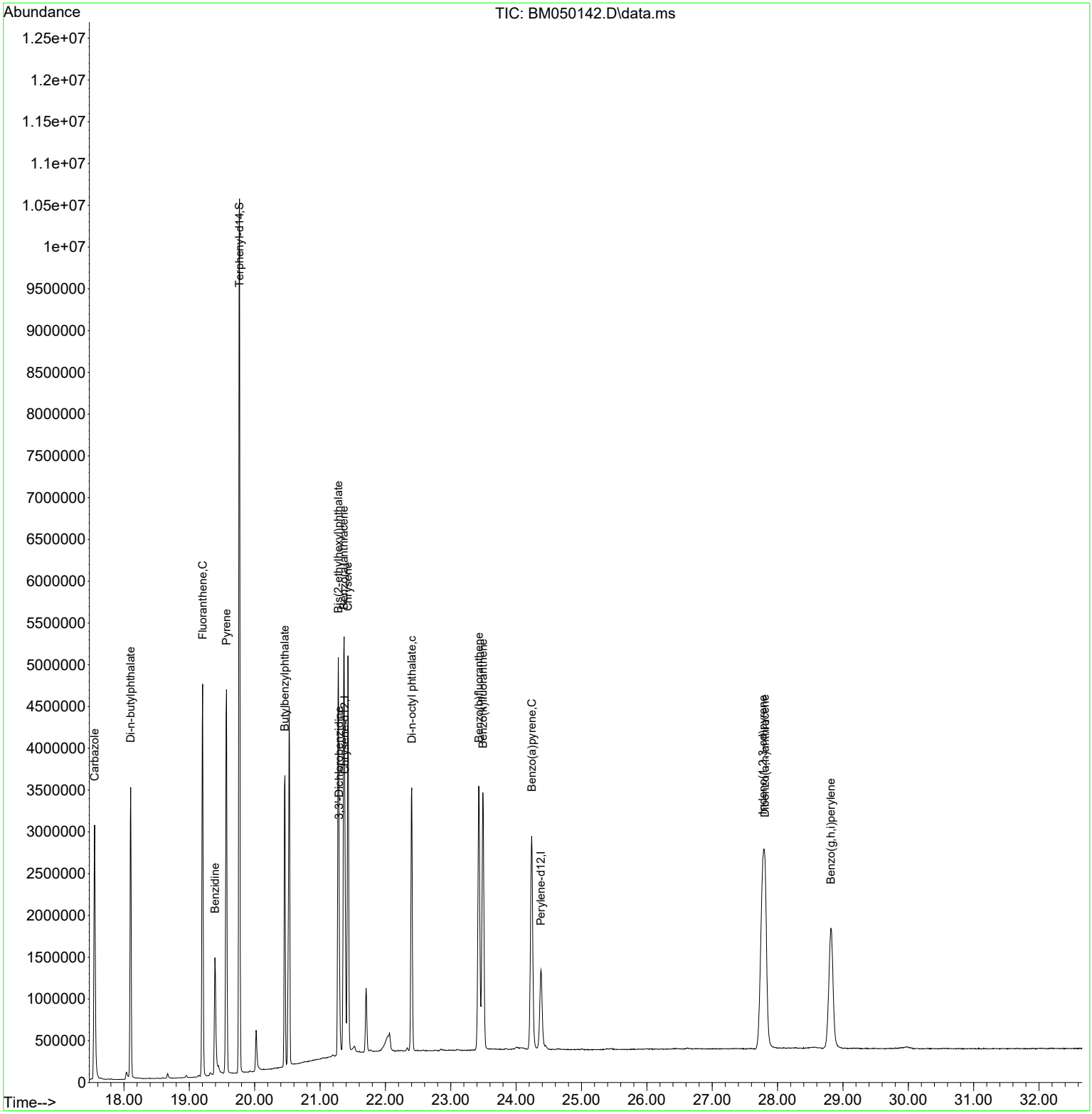
Quant Time: May 08 12:42:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050142.D
Acq On : 08 May 2025 12:00
Operator : RC/JU
Sample : PB167889BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Quant Time: May 08 12:42:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050143.D
Acq On : 08 May 2025 12:39
Operator : RC/JU
Sample : PB167889BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 08 13:14:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	264346	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	911076	20.000	ng		0.00
39) Acenaphthene-d10	14.392	164	548910	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	982803	20.000	ng		0.00
76) Chrysene-d12	21.386	240	868474	20.000	ng		0.00
86) Perylene-d12	24.380	264	893841	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	2021970	133.939	ng		0.00
7) Phenol-d6	6.934	99	2452721	129.267	ng		0.00
23) Nitrobenzene-d5	8.904	82	1448557	78.347	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	1063477	131.029	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	3723241	80.242	ng		0.00
79) Terphenyl-d14	19.768	244	5036934	85.821	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	230236	35.570	ng		99
3) Pyridine	3.634	79	631457	37.969	ng		97
4) n-Nitrosodimethylamine	3.546	42	272864	41.833	ng		99
6) Aniline	7.075	93	646417	26.980	ng		98
8) 2-Chlorophenol	7.316	128	713271	43.699	ng		99
9) Benzaldehyde	6.887	77	294210	23.171	ng		99
10) Phenol	6.957	94	838666	43.662	ng		99
11) bis(2-Chloroethyl)ether	7.169	93	669133	41.719	ng		99
12) 1,3-Dichlorobenzene	7.628	146	816752	41.424	ng		100
13) 1,4-Dichlorobenzene	7.775	146	821437	41.470	ng		99
14) 1,2-Dichlorobenzene	8.093	146	788459	41.208	ng		99
15) Benzyl Alcohol	7.993	79	559284	42.504	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.263	45	810918	41.593	ng		99
17) 2-Methylphenol	8.204	107	540207	42.691	ng		99
18) Hexachloroethane	8.816	117	293460	41.677	ng		99
19) n-Nitroso-di-n-propyla...	8.551	70	488851	40.172	ng		100
20) 3+4-Methylphenols	8.534	107	717828	42.007	ng		98
22) Acetophenone	8.569	105	969487	42.801	ng	#	98
24) Nitrobenzene	8.945	77	695574	43.509	ng		98
25) Isophorone	9.475	82	1290030	40.932	ng		99
26) 2-Nitrophenol	9.657	139	367311	44.974	ng		98
27) 2,4-Dimethylphenol	9.728	122	595475	43.965	ng		99
28) bis(2-Chloroethoxy)met...	9.945	93	817207	41.952	ng		99
29) 2,4-Dichlorophenol	10.210	162	674561	44.457	ng		99
30) 1,2,4-Trichlorobenzene	10.398	180	792832	42.886	ng		99
31) Naphthalene	10.587	128	1954746	42.366	ng		100
32) Benzoic acid	9.910	122	394151m	45.501	ng		
33) 4-Chloroaniline	10.716	127	306640	16.214	ng		98
34) Hexachlorobutadiene	10.869	225	513285	43.740	ng		99
35) Caprolactam	11.510	113	167178	37.787	ng		96
36) 4-Chloro-3-methylphenol	11.857	107	576231	41.105	ng		99
37) 2-Methylnaphthalene	12.204	142	1271852	41.115	ng		100
38) 1-Methylnaphthalene	12.422	142	1327396	40.548	ng		99
40) 1,2,4,5-Tetrachloroben...	12.581	216	870924	45.834	ng		99
41) Hexachlorocyclopentadiene	12.551	237	1147740	98.838	ng		100
43) 2,4,6-Trichlorophenol	12.833	196	549841	45.622	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050143.D
Acq On : 08 May 2025 12:39
Operator : RC/JU
Sample : PB167889BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 08 13:14:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	594889	45.773	ng	98
46) 1,1'-Biphenyl	13.216	154	1813471	44.444	ng	99
47) 2-Chloronaphthalene	13.263	162	1442235	44.629	ng	100
48) 2-Nitroaniline	13.480	65	346667	45.707	ng	99
49) Acenaphthylene	14.110	152	2217366	43.518	ng	100
50) Dimethylphthalate	13.851	163	1687386	42.064	ng	99
51) 2,6-Dinitrotoluene	13.975	165	364981	43.944	ng	99
52) Acenaphthene	14.451	154	1280948	43.432	ng	99
53) 3-Nitroaniline	14.316	138	187182	23.606	ng	98
54) 2,4-Dinitrophenol	14.533	184	430670	80.951	ng	98
55) Dibenzofuran	14.792	168	2092337	42.639	ng	99
56) 4-Nitrophenol	14.663	139	485201	75.484	ng	99
57) 2,4-Dinitrotoluene	14.775	165	497539	43.352	ng	97
58) Fluorene	15.439	166	1702697	42.392	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	482259	42.868	ng	99
60) Diethylphthalate	15.216	149	1537382	40.672	ng	100
61) 4-Chlorophenyl-phenyle...	15.433	204	942516	42.723	ng	99
62) 4-Nitroaniline	15.480	138	285268	37.288	ng	97
63) Azobenzene	15.727	77	1345417	42.471	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	279844	45.488	ng	97
66) n-Nitrosodiphenylamine	15.651	169	1392965	46.156	ng	100
67) 4-Bromophenyl-phenylether	16.327	248	542393	45.638	ng	98
68) Hexachlorobenzene	16.451	284	625015	45.623	ng	97
69) Atrazine	16.610	200	478867	43.989	ng	100
70) Pentachlorophenol	16.804	266	748706	97.091	ng	99
71) Phenanthrene	17.180	178	2456477	44.316	ng	100
72) Anthracene	17.274	178	2500364	44.573	ng	100
73) Carbazole	17.551	167	2142721	44.019	ng	99
74) Di-n-butylphthalate	18.104	149	2500884	43.142	ng	100
75) Fluoranthene	19.204	202	2767529	42.525	ng	100
77) Benzidine	19.392	184	926472	30.033	ng	99
78) Pyrene	19.568	202	2838617	46.545	ng	100
80) Butylbenzylphthalate	20.462	149	1034547	45.291	ng	97
81) Benzo(a)anthracene	21.368	228	2693046	45.030	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	571243	24.952	ng	99
83) Chrysene	21.427	228	2451903	44.297	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	1507874	44.196	ng	99
85) Di-n-octyl phthalate	22.403	149	2495544	44.353	ng	100
87) Indeno(1,2,3-cd)pyrene	27.768	276	3344168	50.211	ng	100
88) Benzo(b)fluoranthene	23.433	252	2565912	44.142	ng	100
89) Benzo(k)fluoranthene	23.492	252	2534162	43.098	ng	100
90) Benzo(a)pyrene	24.239	252	2428116	44.598	ng	99
91) Dibenzo(a,h)anthracene	27.809	278	2734690	50.370	ng	99
92) Benzo(g,h,i)perylene	28.821	276	2620801	50.422	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

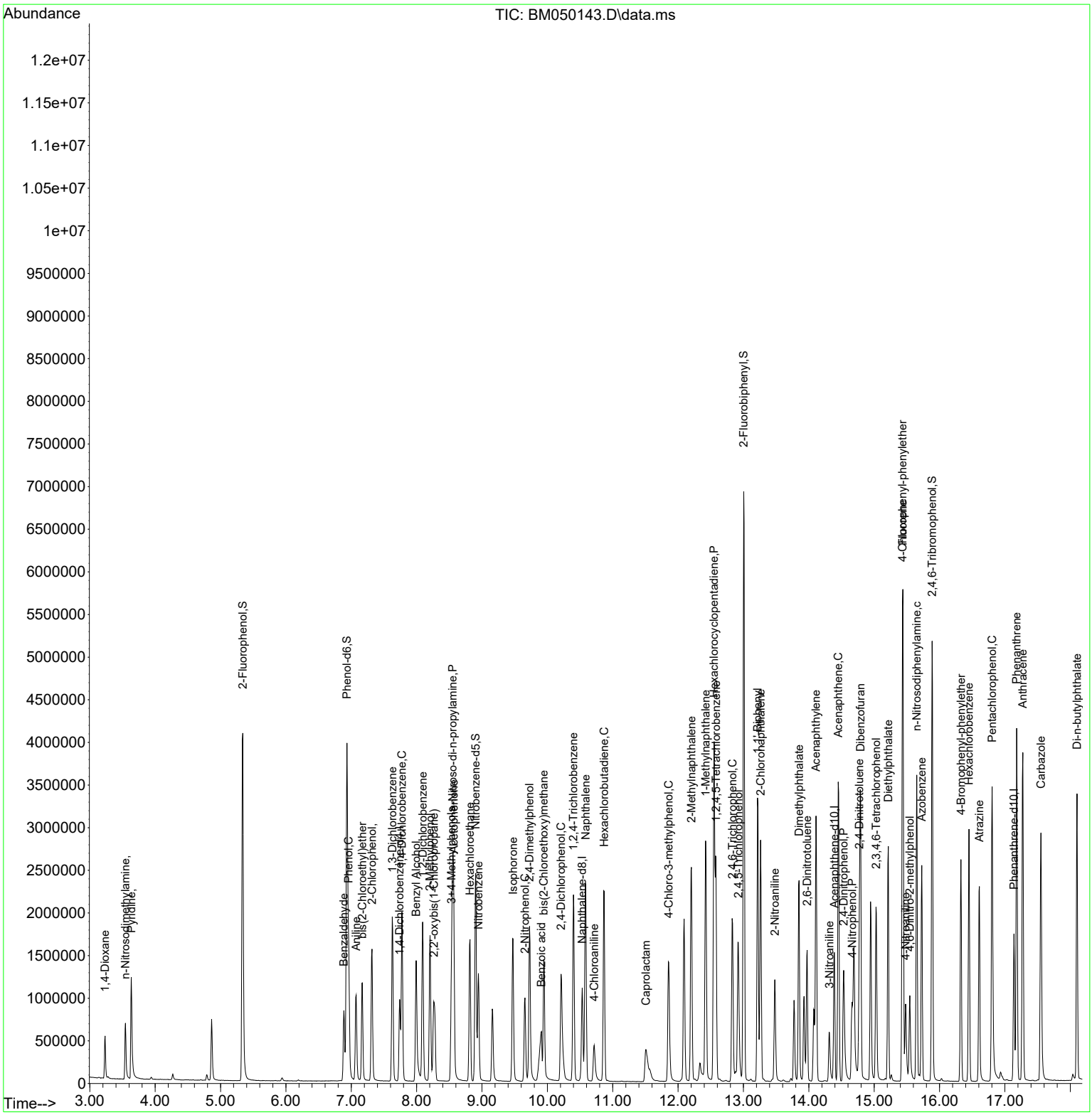
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050143.D
Acq On : 08 May 2025 12:39
Operator : RC/JU
Sample : PB167889BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 08 13:14:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



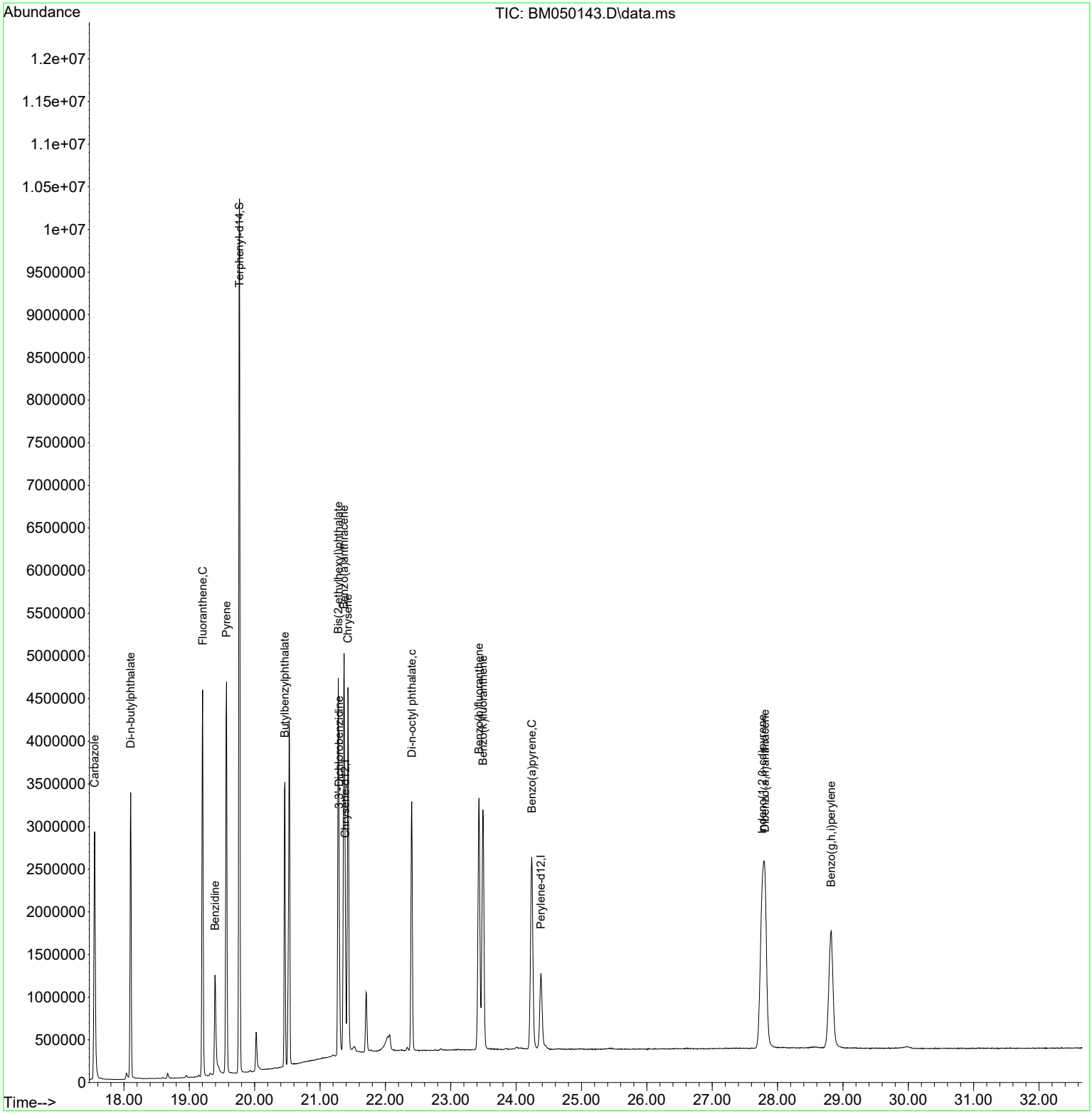
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050143.D
Acq On : 08 May 2025 12:39
Operator : RC/JU
Sample : PB167889BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 08 13:14:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



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Manual Integration Report

Sequence:	BM042825	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BM050025.D	4-Nitroaniline	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Benzaldehyde	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Benzo(k)fluoranthene	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Caprolactam	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	4-Nitroaniline	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	Benzaldehyde	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	Benzoic acid	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC020	BM050027.D	Benzoic acid	Rahul	4/29/2025 8:55:10 AM	Jagrut	4/29/2025 11:57:15 AM	Peak Integrated by Software
SSTDICV040	BM050032.D	Benzaldehyde	Rahul	4/29/2025 8:55:13 AM	Jagrut	4/29/2025 11:57:18 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bm050725	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1945-01DL	BM050137.D	Caprolactam	Rahul	5/8/2025 9:30:44 AM	Jagrut	5/8/2025 11:18:58 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bm050825	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB167889BSD	BM050143.D	Benzoic acid	Rahul	5/9/2025 9:43:10 AM	Jagrut	5/9/2025 3:39:53 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM042825

Review By	Rahul	Review On	4/29/2025 8:56:26 AM		
Supervise By	Jagrut	Supervise On	4/29/2025 11:57:30 AM		
SubDirectory	BM042825	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050023.D	28 Apr 2025 11:46	RC/JU	Ok
2	SSTDICC2.5	BM050024.D	28 Apr 2025 12:30	RC/JU	Ok
3	SSTDICC005	BM050025.D	28 Apr 2025 13:09	RC/JU	Ok,M
4	SSTDICC010	BM050026.D	28 Apr 2025 13:48	RC/JU	Ok,M
5	SSTDICC020	BM050027.D	28 Apr 2025 14:27	RC/JU	Ok,M
6	SSTDICCC040	BM050028.D	28 Apr 2025 15:06	RC/JU	Ok
7	SSTDICC050	BM050029.D	28 Apr 2025 15:45	RC/JU	Ok
8	SSTDICC060	BM050030.D	28 Apr 2025 16:24	RC/JU	Ok
9	SSTDICC080	BM050031.D	28 Apr 2025 17:04	RC/JU	Ok
10	SSTDICV040	BM050032.D	28 Apr 2025 17:43	RC/JU	Ok,M
11	PB167739BL	BM050033.D	28 Apr 2025 19:40	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM050725

Review By	Rahul	Review On	5/8/2025 9:31:30 AM				
Supervise By	Jagrut	Supervise On	5/8/2025 11:19:09 AM				
SubDirectory	BM050725	HP Acquire Method	BNA_M		HP Processing Method	BM042825	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12663,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050128.D	07 May 2025 09:17	RC/JU	Ok
2	SSTDCCC040	BM050129.D	07 May 2025 09:56	RC/JU	Ok
3	PB167879BL	BM050130.D	07 May 2025 10:35	RC/JU	Ok
4	PB167879BS	BM050131.D	07 May 2025 11:14	RC/JU	Ok,M
5	Q1952-01DL	BM050132.D	07 May 2025 12:33	RC/JU	Ok,M
6	Q1938-01	BM050133.D	07 May 2025 13:12	RC/JU	Ok
7	Q1945-01	BM050134.D	07 May 2025 14:26	RC/JU	Dilution
8	Q1945-02	BM050135.D	07 May 2025 15:05	RC/JU	Dilution
9	Q1956-07	BM050136.D	07 May 2025 15:44	RC/JU	Ok
10	Q1945-01DL	BM050137.D	07 May 2025 16:24	RC/JU	Ok,M
11	Q1945-02DL	BM050138.D	07 May 2025 17:03	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM050825

Review By	Rahul	Review On	5/9/2025 9:43:48 AM		
Supervise By	Jagrut	Supervise On	5/9/2025 3:41:05 PM		
SubDirectory	BM050825	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12663,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050139.D	08 May 2025 09:59	RC/JU	Ok
2	SSTDCCC040	BM050140.D	08 May 2025 10:41	RC/JU	Ok
3	PB167889BL	BM050141.D	08 May 2025 11:21	RC/JU	Ok
4	PB167889BS	BM050142.D	08 May 2025 12:00	RC/JU	Ok
5	PB167889BSD	BM050143.D	08 May 2025 12:39	RC/JU	Ok,M
6	PB167851TB	BM050144.D	08 May 2025 13:18	RC/JU	Ok
7	Q1964-01	BM050145.D	08 May 2025 14:02	RC/JU	Ok
8	Q1964-01MS	BM050146.D	08 May 2025 14:42	RC/JU	Ok
9	Q1964-01MSD	BM050147.D	08 May 2025 15:21	RC/JU	Ok,M
10	Q1966-02	BM050148.D	08 May 2025 16:00	RC/JU	Ok
11	Q1968-01	BM050149.D	08 May 2025 16:39	RC/JU	Ok
12	Q1972-13	BM050150.D	08 May 2025 17:19	RC/JU	Ok
13	Q1978-01	BM050151.D	08 May 2025 17:58	RC/JU	Ok
14	Q1976-01	BM050152.D	08 May 2025 18:37	RC/JU	Ok
15	Q1972-21	BM050153.D	08 May 2025 19:17	RC/JU	Ok,M
16	Q1968-05	BM050154.D	08 May 2025 19:56	RC/JU	Ok,M
17	Q1969-01	BM050155.D	08 May 2025 20:35	RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM042825

Review By	Rahul	Review On	4/29/2025 8:56:26 AM		
Supervise By	Jagrut	Supervise On	4/29/2025 11:57:30 AM		
SubDirectory	BM042825	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050023.D	28 Apr 2025 11:46		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM050024.D	28 Apr 2025 12:30		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM050025.D	28 Apr 2025 13:09	Compound#32-41-54-56-65-70-77 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BM050026.D	28 Apr 2025 13:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM050027.D	28 Apr 2025 14:27		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM050028.D	28 Apr 2025 15:06	Compound#54 & 56 Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BM050029.D	28 Apr 2025 15:45		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BM050030.D	28 Apr 2025 16:24		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM050031.D	28 Apr 2025 17:04		RC/JU	Ok
10	SSTDICV040	ICVBM042825	BM050032.D	28 Apr 2025 17:43		RC/JU	Ok,M
11	PB167739BL	PB167739BL	BM050033.D	28 Apr 2025 19:40	Analyzed for contamination check	RC/JU	Not Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM050725

Review By	Rahul	Review On	5/8/2025 9:31:30 AM		
Supervise By	Jagrut	Supervise On	5/8/2025 11:19:09 AM		
SubDirectory	BM050725	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12663,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050128.D	07 May 2025 09:17		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050129.D	07 May 2025 09:56		RC/JU	Ok
3	PB167879BL	PB167879BL	BM050130.D	07 May 2025 10:35		RC/JU	Ok
4	PB167879BS	PB167879BS	BM050131.D	07 May 2025 11:14		RC/JU	Ok,M
5	Q1952-01DL	CLEAN-FILLDL	BM050132.D	07 May 2025 12:33		RC/JU	Ok,M
6	Q1938-01	LOWER-WALL-PILE-A	BM050133.D	07 May 2025 13:12		RC/JU	Ok
7	Q1945-01	GB1W	BM050134.D	07 May 2025 14:26	Need 5X dilution	RC/JU	Dilution
8	Q1945-02	GB3W	BM050135.D	07 May 2025 15:05	Need 5X dilution	RC/JU	Dilution
9	Q1956-07	FB-05022025	BM050136.D	07 May 2025 15:44		RC/JU	Ok
10	Q1945-01DL	GB1WDL	BM050137.D	07 May 2025 16:24		RC/JU	Ok,M
11	Q1945-02DL	GB3WDL	BM050138.D	07 May 2025 17:03		RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM050825

Review By	Rahul	Review On	5/9/2025 9:43:48 AM		
Supervise By	Jagrut	Supervise On	5/9/2025 3:41:05 PM		
SubDirectory	BM050825	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12663,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050139.D	08 May 2025 09:59		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050140.D	08 May 2025 10:41		RC/JU	Ok
3	PB167889BL	PB167889BL	BM050141.D	08 May 2025 11:21		RC/JU	Ok
4	PB167889BS	PB167889BS	BM050142.D	08 May 2025 12:00		RC/JU	Ok
5	PB167889BSD	PB167889BSD	BM050143.D	08 May 2025 12:39		RC/JU	Ok,M
6	PB167851TB	PB167851TB	BM050144.D	08 May 2025 13:18		RC/JU	Ok
7	Q1964-01	MH-LL	BM050145.D	08 May 2025 14:02		RC/JU	Ok
8	Q1964-01MS	MH-LLMS	BM050146.D	08 May 2025 14:42		RC/JU	Ok
9	Q1964-01MSD	MH-LLMSD	BM050147.D	08 May 2025 15:21		RC/JU	Ok,M
10	Q1966-02	CONCRETE-2	BM050148.D	08 May 2025 16:00		RC/JU	Ok
11	Q1968-01	MH-N	BM050149.D	08 May 2025 16:39		RC/JU	Ok
12	Q1972-13	WC-B-7	BM050150.D	08 May 2025 17:19		RC/JU	Ok
13	Q1978-01	72-12016	BM050151.D	08 May 2025 17:58		RC/JU	Ok
14	Q1976-01	VNJ-207	BM050152.D	08 May 2025 18:37		RC/JU	Ok
15	Q1972-21	WC-B-1	BM050153.D	08 May 2025 19:17		RC/JU	Ok,M
16	Q1968-05	MH-M	BM050154.D	08 May 2025 19:56		RC/JU	Ok,M
17	Q1969-01	TR-06-05072025	BM050155.D	08 May 2025 20:35		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167889 6

SOP ID:	M3510C,3580A-Extraction SVOC-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	05/07/2025
Matrix :	Water			**Extraction Start Time :**	08:53
Weigh By:	N/A	**Extraction By:**	RJ	**Extraction End Date :**	05/07/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	13:50
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,5,6,7	**Supervisor By :**	RUPESH

Extraction Method: ☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6752
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3930
Baked Na2SO4	N/A	EP2607
10N NaoH	N/A	EP2559
H2SO4 1:1	N/A	EP2865
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/7/25	RJ (Ext Lab)	Rc/SVOC
13:55	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167889

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 05/07/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167889BL	SBLK889	SVOCMS Group1	1000	6	RUPESH	ritesh	1			SEP-7
PB167889BS	SLCS889	SVOCMS Group1	1000	6	RUPESH	ritesh	1			8
PB167889BSD	SLCSD889	SVOCMS Group1	1000	6	RUPESH	ritesh	1			9
Q1945-01	GB1W	SVOCMS Group1	960	6	RUPESH	ritesh	1	D		10
Q1945-02	GB3W	SVOCMS Group1	840	6	RUPESH	ritesh	1	D		11
Q1956-07	FB-05022025	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	I		12

RS
5/7

* **Extracts relinquished on the same date as received.**

Q1945 5/7 8:53

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1945 **WorkList ID :** 189359 **Department :** Extraction **Date :** 05-07-2025 08:49:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1945-01	GB1W	Water	SVOCMS Group1	Cool 4 deg C	GENV01	L41	05/02/2025	8270E
Q1945-02	GB3W	Water	SVOCMS Group1	Cool 4 deg C	GENV01	L41	05/02/2025	8270E
Q1956-07	FB-05022025	Water	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L31	05/02/2025	8270E

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Date/Time 5/7/25 8:50
Raw Sample Received by: RS (EXL (ab)
Raw Sample Relinquished by: QL SM

Date/Time 5/7/25 9:20
Raw Sample Received by: QL SM
Raw Sample Relinquished by: RS (EXL (ab)

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LAB CHRONICLE

OrderID:	Q1945	**OrderDate:**	5/2/2025 11:14:00 AM
Client:	G Environmental	**Project:**	Amsterdam
Contact:	Gary Landis	**Location:**	L41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1945-01	**GB1W**	**Water**			**05/02/25**			**05/02/25**
			SVOCMS Group1	8270E		05/07/25	05/07/25	
Q1945-01DL	**GB1WDL**	**Water**			**05/02/25**			**05/02/25**
			SVOCMS Group1	8270E		05/07/25	05/07/25	
Q1945-02	**GB3W**	**Water**			**05/02/25**			**05/02/25**
			SVOCMS Group1	8270E		05/07/25	05/07/25	
Q1945-02DL	**GB3WDL**	**Water**			**05/02/25**			**05/02/25**
			SVOCMS Group1	8270E		05/07/25	05/07/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1945 **Order ID:** Q1945

Client: G Environmental **Project ID:** Amsterdam

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : GB1W								
Q1945-01	GB1W	Water	Aluminum	33900		5.67	50.0	ug/L
Q1945-01	GB1W	Water	Antimony	13.1	J	3.38	25.0	ug/L
Q1945-01	GB1W	Water	Arsenic	412		2.56	10.0	ug/L
Q1945-01	GB1W	Water	Barium	1960		7.28	50.0	ug/L
Q1945-01	GB1W	Water	Beryllium	3.04		0.28	3.00	ug/L
Q1945-01	GB1W	Water	Cadmium	10.5		0.25	3.00	ug/L
Q1945-01	GB1W	Water	Calcium	82100		117	1000	ug/L
Q1945-01	GB1W	Water	Chromium	768		1.06	5.00	ug/L
Q1945-01	GB1W	Water	Cobalt	23.2		1.13	15.0	ug/L
Q1945-01	GB1W	Water	Copper	2310		2.30	10.0	ug/L
Q1945-01	GB1W	Water	Iron	81000		11.7	50.0	ug/L
Q1945-01	GB1W	Water	Lead	2010		1.15	6.00	ug/L
Q1945-01	GB1W	Water	Magnesium	13600		122	1000	ug/L
Q1945-01	GB1W	Water	Manganese	855		2.97	10.0	ug/L
Q1945-01	GB1W	Water	Mercury	4.53		0.076	0.20	ug/L
Q1945-01	GB1W	Water	Nickel	262		1.53	20.0	ug/L
Q1945-01	GB1W	Water	Potassium	12200		459	1000	ug/L
Q1945-01	GB1W	Water	Silver	3.13	J	0.81	5.00	ug/L
Q1945-01	GB1W	Water	Sodium	34700		434	1000	ug/L
Q1945-01	GB1W	Water	Vanadium	79.5		3.13	20.0	ug/L
Q1945-01	GB1W	Water	Zinc	27500	D	83.3	200	ug/L

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB1W	SDG No.:	Q1945
Lab Sample ID:	Q1945-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	33900		1	5.67	50.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-36-0	Antimony	13.1	J	1	3.38	25.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-38-2	Arsenic	412		1	2.56	10.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-39-3	Barium	1960		1	7.28	50.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-41-7	Beryllium	3.04		1	0.28	3.00	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-43-9	Cadmium	10.5		1	0.25	3.00	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-70-2	Calcium	82100		1	117	1000	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-47-3	Chromium	768		1	1.06	5.00	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-48-4	Cobalt	23.2		1	1.13	15.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-50-8	Copper	2310		1	2.30	10.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7439-89-6	Iron	81000		1	11.7	50.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7439-92-1	Lead	2010		1	1.15	6.00	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7439-95-4	Magnesium	13600		1	122	1000	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7439-96-5	Manganese	855		1	2.97	10.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7439-97-6	Mercury	4.53	N	1	0.076	0.20	ug/L	05/05/25 07:20	05/05/25 13:01	SW7470A	
7440-02-0	Nickel	262		1	1.53	20.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-09-7	Potassium	12200		1	459	1000	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-22-4	Silver	3.13	J	1	0.81	5.00	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-23-5	Sodium	34700		1	434	1000	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-62-2	Vanadium	79.5		1	3.13	20.0	ug/L	05/05/25 11:05	05/05/25 21:51	SW6010	SW3010
7440-66-6	Zinc	27500	D	10	83.3	200	ug/L	05/05/25 11:05	05/06/25 20:18	SW6010	SW3010

Color Before:	Brown	Clarity Before:	Clear	Texture:	
Color After:	light Brown	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB114	Mercury	0.20	+/-0.20	U	0.20	CV	05/05/2025	11:18	LB135662

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB71	Mercury	0.20	+/-0.20	U	0.20	CV	05/05/2025	11:30	LB135662
CCB72	Mercury	0.20	+/-0.20	U	0.20	CV	05/05/2025	12:03	LB135662
CCB73	Mercury	0.20	+/-0.20	U	0.20	CV	05/05/2025	12:38	LB135662
CCB74	Mercury	0.20	+/-0.20	U	0.20	CV	05/05/2025	13:06	LB135662
CCB75	Mercury	0.20	+/-0.20	U	0.20	CV	05/05/2025	13:43	LB135662
CCB76	Mercury	0.20	+/-0.20	U	0.20	CV	05/05/2025	13:55	LB135662

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	05/05/2025	14:41	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	14:41	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	14:41	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	14:41	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	14:41	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	14:41	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	14:41	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	14:41	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	14:41	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	14:41	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	14:41	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	14:41	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	14:41	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	14:41	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	14:41	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	14:41	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	14:41	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	14:41	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	14:41	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	14:41	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	14:41	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	14:41	LB135674

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	05/05/2025	15:26	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	15:26	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	15:26	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	15:26	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	15:26	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	15:26	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	15:26	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	15:26	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	15:26	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	15:26	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	15:26	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	15:26	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	15:26	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	15:26	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	15:26	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	15:26	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	15:26	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	15:26	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	15:26	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	15:26	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	15:26	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	15:26	LB135674
CCB02	Aluminum	100	+/-100	U	100	P	05/05/2025	16:12	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	16:12	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	16:12	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	16:12	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	16:12	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	16:12	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	16:12	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	16:12	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	16:12	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	16:12	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	16:12	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	16:12	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	16:12	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	16:12	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	16:12	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	16:12	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	16:12	LB135674

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	16:12	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	16:12	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	16:12	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	16:12	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	16:12	LB135674
CCB03	Aluminum	100	+/-100	U	100	P	05/05/2025	17:00	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	17:00	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	17:00	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	17:00	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	17:00	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	17:00	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	17:00	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	17:00	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	17:00	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	17:00	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	17:00	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	17:00	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	17:00	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	17:00	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	17:00	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	17:00	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	17:00	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	17:00	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	17:00	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	17:00	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	17:00	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	17:00	LB135674
CCB04	Aluminum	100	+/-100	U	100	P	05/05/2025	17:59	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	17:59	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	17:59	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	17:59	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	17:59	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	17:59	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	17:59	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	17:59	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	17:59	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	17:59	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	17:59	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	17:59	LB135674

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	17:59	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	17:59	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	17:59	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	17:59	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	17:59	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	17:59	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	17:59	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	17:59	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	17:59	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	17:59	LB135674
CCB05	Aluminum	100	+/-100	U	100	P	05/05/2025	18:47	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	18:47	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	18:47	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	18:47	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	18:47	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	18:47	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	18:47	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	18:47	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	18:47	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	18:47	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	18:47	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	18:47	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	18:47	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	18:47	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	18:47	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	18:47	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	18:47	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	18:47	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	18:47	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	18:47	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	18:47	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	18:47	LB135674
CCB06	Aluminum	100	+/-100	U	100	P	05/05/2025	19:37	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	19:37	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	19:37	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	19:37	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	19:37	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	19:37	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	19:37	LB135674

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	19:37	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	19:37	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	19:37	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	19:37	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	19:37	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	19:37	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	19:37	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	19:37	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	19:37	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	19:37	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	19:37	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	19:37	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	19:37	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	19:37	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	19:37	LB135674
CCB07	Aluminum	100	+/-100	U	100	P	05/05/2025	20:23	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	20:23	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	20:23	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	20:23	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	20:23	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	20:23	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	20:23	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	20:23	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	20:23	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	20:23	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	20:23	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	20:23	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	20:23	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	20:23	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	20:23	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	20:23	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	20:23	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	20:23	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	20:23	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	20:23	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	20:23	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	20:23	LB135674
CCB08	Aluminum	100	+/-100	U	100	P	05/05/2025	21:12	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	21:12	LB135674

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	21:12	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	21:12	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	21:12	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	21:12	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	21:12	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	21:12	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	21:12	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	21:12	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	21:12	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	21:12	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	21:12	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	21:12	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	21:12	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	21:12	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	21:12	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	21:12	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	21:12	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	21:12	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	21:12	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	21:12	LB135674
CCB09	Aluminum	100	+/-100	U	100	P	05/05/2025	22:03	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	22:03	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	22:03	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	22:03	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	22:03	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	22:03	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	22:03	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	22:03	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	22:03	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	22:03	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	22:03	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	22:03	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	22:03	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	22:03	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	22:03	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	22:03	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	22:03	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	22:03	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	22:03	LB135674

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	22:03	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	22:03	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	22:03	LB135674
CCB10	Aluminum	100	+/-100	U	100	P	05/05/2025	22:37	LB135674
	Antimony	50.0	+/-50.0	U	50.0	P	05/05/2025	22:37	LB135674
	Arsenic	20.0	+/-20.0	U	20.0	P	05/05/2025	22:37	LB135674
	Barium	100	+/-100	U	100	P	05/05/2025	22:37	LB135674
	Beryllium	6.00	+/-6.00	U	6.00	P	05/05/2025	22:37	LB135674
	Cadmium	6.00	+/-6.00	U	6.00	P	05/05/2025	22:37	LB135674
	Calcium	2000	+/-2000	U	2000	P	05/05/2025	22:37	LB135674
	Chromium	10.0	+/-10.0	U	10.0	P	05/05/2025	22:37	LB135674
	Cobalt	30.0	+/-30.0	U	30.0	P	05/05/2025	22:37	LB135674
	Copper	20.0	+/-20.0	U	20.0	P	05/05/2025	22:37	LB135674
	Iron	100	+/-100	U	100	P	05/05/2025	22:37	LB135674
	Lead	12.0	+/-12.0	U	12.0	P	05/05/2025	22:37	LB135674
	Magnesium	2000	+/-2000	U	2000	P	05/05/2025	22:37	LB135674
	Manganese	20.0	+/-20.0	U	20.0	P	05/05/2025	22:37	LB135674
	Nickel	40.0	+/-40.0	U	40.0	P	05/05/2025	22:37	LB135674
	Potassium	2000	+/-2000	U	2000	P	05/05/2025	22:37	LB135674
	Selenium	20.0	+/-20.0	U	20.0	P	05/05/2025	22:37	LB135674
	Silver	10.0	+/-10.0	U	10.0	P	05/05/2025	22:37	LB135674
	Sodium	2000	+/-2000	U	2000	P	05/05/2025	22:37	LB135674
	Thallium	40.0	+/-40.0	U	40.0	P	05/05/2025	22:37	LB135674
	Vanadium	40.0	+/-40.0	U	40.0	P	05/05/2025	22:37	LB135674
	Zinc	40.0	+/-40.0	U	40.0	P	05/05/2025	22:37	LB135674

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	05/06/2025	15:27	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	15:27	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	15:27	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	15:27	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	15:27	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	15:27	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	15:27	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	15:27	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	15:27	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	15:27	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	15:27	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	15:27	LB135689
	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	15:27	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	15:27	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	15:27	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	15:27	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	15:27	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	15:27	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	15:27	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	15:27	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	15:27	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	15:27	LB135689

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	12.8	+/-100	J	100	P	05/06/2025	16:34	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	16:34	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	16:34	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	16:34	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	16:34	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	16:34	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	16:34	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	16:34	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	16:34	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	16:34	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	16:34	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	16:34	LB135689
	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	16:34	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	16:34	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	16:34	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	16:34	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	16:34	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	16:34	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	16:34	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	16:34	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	16:34	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	16:34	LB135689
CCB02	Aluminum	14.3	+/-100	J	100	P	05/06/2025	17:20	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	17:20	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	17:20	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	17:20	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	17:20	LB135689
	Cadmium	0.60	+/-6.00	J	6.00	P	05/06/2025	17:20	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	17:20	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	17:20	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	17:20	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	17:20	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	17:20	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	17:20	LB135689
	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	17:20	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	17:20	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	17:20	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	17:20	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	17:20	LB135689

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	17:20	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	17:20	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	17:20	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	17:20	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	17:20	LB135689
CCB03	Aluminum	15.8	+/-100	J	100	P	05/06/2025	18:13	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	18:13	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	18:13	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	18:13	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	18:13	LB135689
	Cadmium	0.59	+/-6.00	J	6.00	P	05/06/2025	18:13	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	18:13	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	18:13	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	18:13	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	18:13	LB135689
	Iron	23.9	+/-100	J	100	P	05/06/2025	18:13	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	18:13	LB135689
	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	18:13	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	18:13	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	18:13	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	18:13	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	18:13	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	18:13	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	18:13	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	18:13	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	18:13	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	18:13	LB135689
CCB04	Aluminum	16.7	+/-100	J	100	P	05/06/2025	19:20	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	19:20	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	19:20	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	19:20	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	19:20	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	19:20	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	19:20	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	19:20	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	19:20	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	19:20	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	19:20	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	19:20	LB135689

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	19:20	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	19:20	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	19:20	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	19:20	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	19:20	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	19:20	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	19:20	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	19:20	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	19:20	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	19:20	LB135689
CCB05	Aluminum	100	+/-100	U	100	P	05/06/2025	20:06	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	20:06	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	20:06	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	20:06	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	20:06	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	20:06	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	20:06	LB135689
	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	20:06	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	20:06	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	20:06	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	20:06	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	20:06	LB135689
	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	20:06	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	20:06	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	20:06	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	20:06	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	20:06	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	20:06	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	20:06	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	20:06	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	20:06	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	20:06	LB135689
CCB06	Aluminum	100	+/-100	U	100	P	05/06/2025	20:35	LB135689
	Antimony	50.0	+/-50.0	U	50.0	P	05/06/2025	20:35	LB135689
	Arsenic	20.0	+/-20.0	U	20.0	P	05/06/2025	20:35	LB135689
	Barium	100	+/-100	U	100	P	05/06/2025	20:35	LB135689
	Beryllium	6.00	+/-6.00	U	6.00	P	05/06/2025	20:35	LB135689
	Cadmium	6.00	+/-6.00	U	6.00	P	05/06/2025	20:35	LB135689
	Calcium	2000	+/-2000	U	2000	P	05/06/2025	20:35	LB135689

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	10.0	+/-10.0	U	10.0	P	05/06/2025	20:35	LB135689
	Cobalt	30.0	+/-30.0	U	30.0	P	05/06/2025	20:35	LB135689
	Copper	20.0	+/-20.0	U	20.0	P	05/06/2025	20:35	LB135689
	Iron	100	+/-100	U	100	P	05/06/2025	20:35	LB135689
	Lead	12.0	+/-12.0	U	12.0	P	05/06/2025	20:35	LB135689
	Magnesium	2000	+/-2000	U	2000	P	05/06/2025	20:35	LB135689
	Manganese	20.0	+/-20.0	U	20.0	P	05/06/2025	20:35	LB135689
	Nickel	40.0	+/-40.0	U	40.0	P	05/06/2025	20:35	LB135689
	Potassium	2000	+/-2000	U	2000	P	05/06/2025	20:35	LB135689
	Selenium	20.0	+/-20.0	U	20.0	P	05/06/2025	20:35	LB135689
	Silver	10.0	+/-10.0	U	10.0	P	05/06/2025	20:35	LB135689
	Sodium	2000	+/-2000	U	2000	P	05/06/2025	20:35	LB135689
	Thallium	40.0	+/-40.0	U	40.0	P	05/06/2025	20:35	LB135689
	Vanadium	40.0	+/-40.0	U	40.0	P	05/06/2025	20:35	LB135689
	Zinc	40.0	+/-40.0	U	40.0	P	05/06/2025	20:35	LB135689

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Metals
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PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1945

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167866BL		**WATER**		**Batch Number:**	**PB167866**		**Prep Date:**	**05/05/2025**	
	Mercury	0.20	<0.20	U	0.20	CV	05/05/2025	12:52	LB135662

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Metals
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PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1945

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167858BL		**WATER**		**Batch Number:**	**PB167858**		**Prep Date:**	**05/05/2025**	
	Aluminum	50.0	<50.0	U	50.0	P	05/05/2025	18:22	LB135674
	Antimony	25.0	<25.0	U	25.0	P	05/05/2025	18:22	LB135674
	Arsenic	10.0	<10.0	U	10.0	P	05/05/2025	18:22	LB135674
	Barium	50.0	<50.0	U	50.0	P	05/05/2025	18:22	LB135674
	Beryllium	3.00	<3.00	U	3.00	P	05/05/2025	18:22	LB135674
	Cadmium	3.00	<3.00	U	3.00	P	05/05/2025	18:22	LB135674
	Calcium	1000	<1000	U	1000	P	05/05/2025	18:22	LB135674
	Chromium	5.00	<5.00	U	5.00	P	05/05/2025	18:22	LB135674
	Cobalt	15.0	<15.0	U	15.0	P	05/05/2025	18:22	LB135674
	Copper	10.0	<10.0	U	10.0	P	05/05/2025	18:22	LB135674
	Iron	50.0	<50.0	U	50.0	P	05/05/2025	18:22	LB135674
	Lead	6.00	<6.00	U	6.00	P	05/05/2025	18:22	LB135674
	Magnesium	1000	<1000	U	1000	P	05/05/2025	18:22	LB135674
	Manganese	10.0	<10.0	U	10.0	P	05/05/2025	18:22	LB135674
	Nickel	20.0	<20.0	U	20.0	P	05/05/2025	18:22	LB135674
	Potassium	1000	<1000	U	1000	P	05/05/2025	18:22	LB135674
	Selenium	10.0	<10.0	U	10.0	P	05/05/2025	18:22	LB135674
	Silver	5.00	<5.00	U	5.00	P	05/05/2025	18:22	LB135674
	Sodium	1000	<1000	U	1000	P	05/05/2025	18:22	LB135674
	Thallium	20.0	<20.0	U	20.0	P	05/05/2025	18:22	LB135674
	Vanadium	20.0	<20.0	U	20.0	P	05/05/2025	18:22	LB135674
	Zinc	20.0	<20.0	U	20.0	P	05/05/2025	18:22	LB135674

METAL CALIBRATION DATA

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV114	Mercury	3.72	4.0	93	90 - 110	CV	05/05/2025	11:16	LB135662

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV71	Mercury	4.85	5.0	97	90 - 110	CV	05/05/2025	11:25	LB135662
CCV72	Mercury	5.11	5.0	102	90 - 110	CV	05/05/2025	11:58	LB135662
CCV73	Mercury	4.75	5.0	95	90 - 110	CV	05/05/2025	12:28	LB135662
CCV74	Mercury	4.54	5.0	91	90 - 110	CV	05/05/2025	13:03	LB135662
CCV75	Mercury	5.43	5.0	108	90 - 110	CV	05/05/2025	13:41	LB135662
CCV76	Mercury	5.40	5.0	108	90 - 110	CV	05/05/2025	13:52	LB135662

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2360	2500	94	90 - 110	P	05/05/2025	14:18	LB135674
	Antimony	1000	1000	100	90 - 110	P	05/05/2025	14:18	LB135674
	Arsenic	973	1000	97	90 - 110	P	05/05/2025	14:18	LB135674
	Barium	522	520	100	90 - 110	P	05/05/2025	14:18	LB135674
	Beryllium	483	510	95	90 - 110	P	05/05/2025	14:18	LB135674
	Cadmium	501	510	98	90 - 110	P	05/05/2025	14:18	LB135674
	Calcium	9510	10000	95	90 - 110	P	05/05/2025	14:18	LB135674
	Chromium	508	520	98	90 - 110	P	05/05/2025	14:18	LB135674
	Cobalt	489	520	94	90 - 110	P	05/05/2025	14:18	LB135674
	Copper	499	510	98	90 - 110	P	05/05/2025	14:18	LB135674
	Iron	9600	10000	96	90 - 110	P	05/05/2025	14:18	LB135674
	Lead	988	1000	99	90 - 110	P	05/05/2025	14:18	LB135674
	Magnesium	5640	6000	94	90 - 110	P	05/05/2025	14:18	LB135674
	Manganese	485	520	93	90 - 110	P	05/05/2025	14:18	LB135674
	Nickel	490	530	92	90 - 110	P	05/05/2025	14:18	LB135674
	Potassium	9270	9900	94	90 - 110	P	05/05/2025	14:18	LB135674
	Selenium	1020	1000	102	90 - 110	P	05/05/2025	14:18	LB135674
	Silver	228	250	91	90 - 110	P	05/05/2025	14:18	LB135674
	Sodium	9280	10000	93	90 - 110	P	05/05/2025	14:18	LB135674
	Thallium	1020	1000	102	90 - 110	P	05/05/2025	14:18	LB135674
	Vanadium	472	500	94	90 - 110	P	05/05/2025	14:18	LB135674
	Zinc	969	1000	97	90 - 110	P	05/05/2025	14:18	LB135674

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	100	100	100	80 - 120	P	05/05/2025	14:36	LB135674
	Antimony	53.4	50.0	107	80 - 120	P	05/05/2025	14:36	LB135674
	Arsenic	23.4	20.0	117	80 - 120	P	05/05/2025	14:36	LB135674
	Barium	95.2	100	95	80 - 120	P	05/05/2025	14:36	LB135674
	Beryllium	5.87	6.0	98	80 - 120	P	05/05/2025	14:36	LB135674
	Cadmium	5.83	6.0	97	80 - 120	P	05/05/2025	14:36	LB135674
	Calcium	2030	2000	102	80 - 120	P	05/05/2025	14:36	LB135674
	Chromium	10.2	10.0	102	80 - 120	P	05/05/2025	14:36	LB135674
	Cobalt	29.7	30.0	99	80 - 120	P	05/05/2025	14:36	LB135674
	Copper	22.4	20.0	112	80 - 120	P	05/05/2025	14:36	LB135674
	Iron	90.6	100	91	80 - 120	P	05/05/2025	14:36	LB135674
	Lead	10.9	12.0	91	80 - 120	P	05/05/2025	14:36	LB135674
	Magnesium	2150	2000	107	80 - 120	P	05/05/2025	14:36	LB135674
	Manganese	18.4	20.0	92	80 - 120	P	05/05/2025	14:36	LB135674
	Nickel	39.5	40.0	99	80 - 120	P	05/05/2025	14:36	LB135674
	Potassium	1920	2000	96	80 - 120	P	05/05/2025	14:36	LB135674
	Selenium	22.6	20.0	113	80 - 120	P	05/05/2025	14:36	LB135674
	Silver	10.2	10.0	102	80 - 120	P	05/05/2025	14:36	LB135674
	Sodium	1930	2000	97	80 - 120	P	05/05/2025	14:36	LB135674
	Thallium	41.0	40.0	103	80 - 120	P	05/05/2025	14:36	LB135674
	Vanadium	39.7	40.0	99	80 - 120	P	05/05/2025	14:36	LB135674
	Zinc	41.2	40.0	103	80 - 120	P	05/05/2025	14:36	LB135674

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9770	10000	98	90 - 110	P	05/05/2025	15:20	LB135674
	Antimony	4950	5000	99	90 - 110	P	05/05/2025	15:20	LB135674
	Arsenic	4930	5000	99	90 - 110	P	05/05/2025	15:20	LB135674
	Barium	9850	10000	98	90 - 110	P	05/05/2025	15:20	LB135674
	Beryllium	243	250	97	90 - 110	P	05/05/2025	15:20	LB135674
	Cadmium	2450	2500	98	90 - 110	P	05/05/2025	15:20	LB135674
	Calcium	24400	25000	98	90 - 110	P	05/05/2025	15:20	LB135674
	Chromium	996	1000	100	90 - 110	P	05/05/2025	15:20	LB135674
	Cobalt	2450	2500	98	90 - 110	P	05/05/2025	15:20	LB135674
	Copper	1240	1250	99	90 - 110	P	05/05/2025	15:20	LB135674
	Iron	5100	5000	102	90 - 110	P	05/05/2025	15:20	LB135674
	Lead	4940	5000	99	90 - 110	P	05/05/2025	15:20	LB135674
	Magnesium	24200	25000	97	90 - 110	P	05/05/2025	15:20	LB135674
	Manganese	2430	2500	97	90 - 110	P	05/05/2025	15:20	LB135674
	Nickel	2450	2500	98	90 - 110	P	05/05/2025	15:20	LB135674
	Potassium	24900	25000	100	90 - 110	P	05/05/2025	15:20	LB135674
	Selenium	4960	5000	99	90 - 110	P	05/05/2025	15:20	LB135674
	Silver	1240	1250	99	90 - 110	P	05/05/2025	15:20	LB135674
	Sodium	25000	25000	100	90 - 110	P	05/05/2025	15:20	LB135674
	Thallium	4980	5000	100	90 - 110	P	05/05/2025	15:20	LB135674
	Vanadium	2440	2500	98	90 - 110	P	05/05/2025	15:20	LB135674
	Zinc	2480	2500	99	90 - 110	P	05/05/2025	15:20	LB135674
CCV02	Aluminum	9710	10000	97	90 - 110	P	05/05/2025	16:07	LB135674
	Antimony	4910	5000	98	90 - 110	P	05/05/2025	16:07	LB135674
	Arsenic	4880	5000	98	90 - 110	P	05/05/2025	16:07	LB135674
	Barium	9880	10000	99	90 - 110	P	05/05/2025	16:07	LB135674
	Beryllium	240	250	96	90 - 110	P	05/05/2025	16:07	LB135674
	Cadmium	2410	2500	96	90 - 110	P	05/05/2025	16:07	LB135674
	Calcium	24200	25000	97	90 - 110	P	05/05/2025	16:07	LB135674
	Chromium	974	1000	97	90 - 110	P	05/05/2025	16:07	LB135674
	Cobalt	2430	2500	97	90 - 110	P	05/05/2025	16:07	LB135674
	Copper	1230	1250	98	90 - 110	P	05/05/2025	16:07	LB135674
	Iron	4990	5000	100	90 - 110	P	05/05/2025	16:07	LB135674
	Lead	4870	5000	97	90 - 110	P	05/05/2025	16:07	LB135674

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24000	25000	96	90 - 110	P	05/05/2025	16:07	LB135674
	Manganese	2430	2500	97	90 - 110	P	05/05/2025	16:07	LB135674
	Nickel	2420	2500	97	90 - 110	P	05/05/2025	16:07	LB135674
	Potassium	24300	25000	97	90 - 110	P	05/05/2025	16:07	LB135674
	Selenium	4920	5000	98	90 - 110	P	05/05/2025	16:07	LB135674
	Silver	1210	1250	97	90 - 110	P	05/05/2025	16:07	LB135674
	Sodium	24400	25000	98	90 - 110	P	05/05/2025	16:07	LB135674
	Thallium	4890	5000	98	90 - 110	P	05/05/2025	16:07	LB135674
	Vanadium	2430	2500	97	90 - 110	P	05/05/2025	16:07	LB135674
	Zinc	2430	2500	97	90 - 110	P	05/05/2025	16:07	LB135674
CCV03	Aluminum	9670	10000	97	90 - 110	P	05/05/2025	16:56	LB135674
	Antimony	5080	5000	102	90 - 110	P	05/05/2025	16:56	LB135674
	Arsenic	5050	5000	101	90 - 110	P	05/05/2025	16:56	LB135674
	Barium	9910	10000	99	90 - 110	P	05/05/2025	16:56	LB135674
	Beryllium	240	250	96	90 - 110	P	05/05/2025	16:56	LB135674
	Cadmium	2410	2500	96	90 - 110	P	05/05/2025	16:56	LB135674
	Calcium	24100	25000	96	90 - 110	P	05/05/2025	16:56	LB135674
	Chromium	975	1000	98	90 - 110	P	05/05/2025	16:56	LB135674
	Cobalt	2430	2500	97	90 - 110	P	05/05/2025	16:56	LB135674
	Copper	1260	1250	100	90 - 110	P	05/05/2025	16:56	LB135674
	Iron	5080	5000	102	90 - 110	P	05/05/2025	16:56	LB135674
	Lead	4880	5000	98	90 - 110	P	05/05/2025	16:56	LB135674
	Magnesium	23800	25000	95	90 - 110	P	05/05/2025	16:56	LB135674
	Manganese	2420	2500	97	90 - 110	P	05/05/2025	16:56	LB135674
	Nickel	2420	2500	97	90 - 110	P	05/05/2025	16:56	LB135674
	Potassium	24800	25000	99	90 - 110	P	05/05/2025	16:56	LB135674
	Selenium	5160	5000	103	90 - 110	P	05/05/2025	16:56	LB135674
	Silver	1230	1250	98	90 - 110	P	05/05/2025	16:56	LB135674
	Sodium	24800	25000	99	90 - 110	P	05/05/2025	16:56	LB135674
	Thallium	4970	5000	99	90 - 110	P	05/05/2025	16:56	LB135674
	Vanadium	2420	2500	97	90 - 110	P	05/05/2025	16:56	LB135674
	Zinc	2460	2500	98	90 - 110	P	05/05/2025	16:56	LB135674
CCV04	Aluminum	9610	10000	96	90 - 110	P	05/05/2025	17:55	LB135674
	Antimony	4970	5000	99	90 - 110	P	05/05/2025	17:55	LB135674

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4930	5000	99	90 - 110	P	05/05/2025	17:55	LB135674
	Barium	9690	10000	97	90 - 110	P	05/05/2025	17:55	LB135674
	Beryllium	230	250	92	90 - 110	P	05/05/2025	17:55	LB135674
	Cadmium	2420	2500	97	90 - 110	P	05/05/2025	17:55	LB135674
	Calcium	23800	25000	95	90 - 110	P	05/05/2025	17:55	LB135674
	Chromium	977	1000	98	90 - 110	P	05/05/2025	17:55	LB135674
	Cobalt	2420	2500	97	90 - 110	P	05/05/2025	17:55	LB135674
	Copper	1220	1250	98	90 - 110	P	05/05/2025	17:55	LB135674
	Iron	4990	5000	100	90 - 110	P	05/05/2025	17:55	LB135674
	Lead	4870	5000	98	90 - 110	P	05/05/2025	17:55	LB135674
	Magnesium	23600	25000	95	90 - 110	P	05/05/2025	17:55	LB135674
	Manganese	2360	2500	94	90 - 110	P	05/05/2025	17:55	LB135674
	Nickel	2420	2500	97	90 - 110	P	05/05/2025	17:55	LB135674
	Potassium	24200	25000	97	90 - 110	P	05/05/2025	17:55	LB135674
	Selenium	4980	5000	100	90 - 110	P	05/05/2025	17:55	LB135674
	Silver	1200	1250	96	90 - 110	P	05/05/2025	17:55	LB135674
	Sodium	24400	25000	98	90 - 110	P	05/05/2025	17:55	LB135674
	Thallium	4860	5000	97	90 - 110	P	05/05/2025	17:55	LB135674
	Vanadium	2410	2500	96	90 - 110	P	05/05/2025	17:55	LB135674
	Zinc	2420	2500	97	90 - 110	P	05/05/2025	17:55	LB135674
CCV05	Aluminum	9590	10000	96	90 - 110	P	05/05/2025	18:43	LB135674
	Antimony	5050	5000	101	90 - 110	P	05/05/2025	18:43	LB135674
	Arsenic	4990	5000	100	90 - 110	P	05/05/2025	18:43	LB135674
	Barium	9570	10000	96	90 - 110	P	05/05/2025	18:43	LB135674
	Beryllium	235	250	94	90 - 110	P	05/05/2025	18:43	LB135674
	Cadmium	2420	2500	97	90 - 110	P	05/05/2025	18:43	LB135674
	Calcium	23500	25000	94	90 - 110	P	05/05/2025	18:43	LB135674
	Chromium	970	1000	97	90 - 110	P	05/05/2025	18:43	LB135674
	Cobalt	2410	2500	96	90 - 110	P	05/05/2025	18:43	LB135674
	Copper	1230	1250	99	90 - 110	P	05/05/2025	18:43	LB135674
	Iron	4980	5000	100	90 - 110	P	05/05/2025	18:43	LB135674
	Lead	4860	5000	97	90 - 110	P	05/05/2025	18:43	LB135674
	Magnesium	23300	25000	93	90 - 110	P	05/05/2025	18:43	LB135674
	Manganese	2340	2500	93	90 - 110	P	05/05/2025	18:43	LB135674

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2430	2500	97	90 - 110	P	05/05/2025	18:43	LB135674
	Potassium	24500	25000	98	90 - 110	P	05/05/2025	18:43	LB135674
	Selenium	5070	5000	101	90 - 110	P	05/05/2025	18:43	LB135674
	Silver	1220	1250	98	90 - 110	P	05/05/2025	18:43	LB135674
	Sodium	24800	25000	99	90 - 110	P	05/05/2025	18:43	LB135674
	Thallium	4770	5000	95	90 - 110	P	05/05/2025	18:43	LB135674
	Vanadium	2390	2500	96	90 - 110	P	05/05/2025	18:43	LB135674
	Zinc	2470	2500	99	90 - 110	P	05/05/2025	18:43	LB135674
CCV06	Aluminum	9210	10000	92	90 - 110	P	05/05/2025	19:32	LB135674
	Antimony	4780	5000	96	90 - 110	P	05/05/2025	19:32	LB135674
	Arsenic	4750	5000	95	90 - 110	P	05/05/2025	19:32	LB135674
	Barium	9680	10000	97	90 - 110	P	05/05/2025	19:32	LB135674
	Beryllium	215	250	86	90 - 110	P	05/05/2025	19:32	LB135674
	Cadmium	2340	2500	94	90 - 110	P	05/05/2025	19:32	LB135674
	Calcium	22700	25000	91	90 - 110	P	05/05/2025	19:32	LB135674
	Chromium	940	1000	94	90 - 110	P	05/05/2025	19:32	LB135674
	Cobalt	2330	2500	93	90 - 110	P	05/05/2025	19:32	LB135674
	Copper	1180	1250	94	90 - 110	P	05/05/2025	19:32	LB135674
	Iron	5030	5000	101	90 - 110	P	05/05/2025	19:32	LB135674
	Lead	4680	5000	94	90 - 110	P	05/05/2025	19:32	LB135674
	Magnesium	22100	25000	88	90 - 110	P	05/05/2025	19:32	LB135674
	Manganese	2300	2500	92	90 - 110	P	05/05/2025	19:32	LB135674
	Nickel	2360	2500	94	90 - 110	P	05/05/2025	19:32	LB135674
	Potassium	25600	25000	102	90 - 110	P	05/05/2025	19:32	LB135674
	Selenium	4800	5000	96	90 - 110	P	05/05/2025	19:32	LB135674
	Silver	1190	1250	95	90 - 110	P	05/05/2025	19:32	LB135674
	Sodium	25500	25000	102	90 - 110	P	05/05/2025	19:32	LB135674
	Thallium	4620	5000	92	90 - 110	P	05/05/2025	19:32	LB135674
	Vanadium	2340	2500	94	90 - 110	P	05/05/2025	19:32	LB135674
	Zinc	2380	2500	95	90 - 110	P	05/05/2025	19:32	LB135674
CCV07	Aluminum	9210	10000	92	90 - 110	P	05/05/2025	20:19	LB135674
	Antimony	4700	5000	94	90 - 110	P	05/05/2025	20:19	LB135674
	Arsenic	4700	5000	94	90 - 110	P	05/05/2025	20:19	LB135674
	Barium	9380	10000	94	90 - 110	P	05/05/2025	20:19	LB135674

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	231	250	92	90 - 110	P	05/05/2025	20:19	LB135674
	Cadmium	2350	2500	94	90 - 110	P	05/05/2025	20:19	LB135674
	Calcium	23300	25000	93	90 - 110	P	05/05/2025	20:19	LB135674
	Chromium	955	1000	96	90 - 110	P	05/05/2025	20:19	LB135674
	Cobalt	2330	2500	93	90 - 110	P	05/05/2025	20:19	LB135674
	Copper	1170	1250	93	90 - 110	P	05/05/2025	20:19	LB135674
	Iron	4820	5000	96	90 - 110	P	05/05/2025	20:19	LB135674
	Lead	4710	5000	94	90 - 110	P	05/05/2025	20:19	LB135674
	Magnesium	23100	25000	92	90 - 110	P	05/05/2025	20:19	LB135674
	Manganese	2310	2500	92	90 - 110	P	05/05/2025	20:19	LB135674
	Nickel	2360	2500	94	90 - 110	P	05/05/2025	20:19	LB135674
	Potassium	23800	25000	95	90 - 110	P	05/05/2025	20:19	LB135674
	Selenium	4700	5000	94	90 - 110	P	05/05/2025	20:19	LB135674
	Silver	1180	1250	95	90 - 110	P	05/05/2025	20:19	LB135674
	Sodium	23800	25000	95	90 - 110	P	05/05/2025	20:19	LB135674
	Thallium	4630	5000	92	90 - 110	P	05/05/2025	20:19	LB135674
	Vanadium	2340	2500	94	90 - 110	P	05/05/2025	20:19	LB135674
	Zinc	2350	2500	94	90 - 110	P	05/05/2025	20:19	LB135674
CCV08	Aluminum	9250	10000	92	90 - 110	P	05/05/2025	21:07	LB135674
	Antimony	4760	5000	95	90 - 110	P	05/05/2025	21:07	LB135674
	Arsenic	4790	5000	96	90 - 110	P	05/05/2025	21:07	LB135674
	Barium	9390	10000	94	90 - 110	P	05/05/2025	21:07	LB135674
	Beryllium	232	250	93	90 - 110	P	05/05/2025	21:07	LB135674
	Cadmium	2380	2500	95	90 - 110	P	05/05/2025	21:07	LB135674
	Calcium	23300	25000	93	90 - 110	P	05/05/2025	21:07	LB135674
	Chromium	961	1000	96	90 - 110	P	05/05/2025	21:07	LB135674
	Cobalt	2360	2500	95	90 - 110	P	05/05/2025	21:07	LB135674
	Copper	1190	1250	95	90 - 110	P	05/05/2025	21:07	LB135674
	Iron	4870	5000	97	90 - 110	P	05/05/2025	21:07	LB135674
	Lead	4770	5000	95	90 - 110	P	05/05/2025	21:07	LB135674
	Magnesium	23300	25000	93	90 - 110	P	05/05/2025	21:07	LB135674
	Manganese	2310	2500	92	90 - 110	P	05/05/2025	21:07	LB135674
	Nickel	2380	2500	95	90 - 110	P	05/05/2025	21:07	LB135674
	Potassium	23400	25000	94	90 - 110	P	05/05/2025	21:07	LB135674

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4800	5000	96	90 - 110	P	05/05/2025	21:07	LB135674
	Silver	1180	1250	94	90 - 110	P	05/05/2025	21:07	LB135674
	Sodium	23700	25000	95	90 - 110	P	05/05/2025	21:07	LB135674
	Thallium	4670	5000	94	90 - 110	P	05/05/2025	21:07	LB135674
	Vanadium	2340	2500	94	90 - 110	P	05/05/2025	21:07	LB135674
	Zinc	2350	2500	94	90 - 110	P	05/05/2025	21:07	LB135674
CCV09	Aluminum	9270	10000	93	90 - 110	P	05/05/2025	21:59	LB135674
	Antimony	4680	5000	94	90 - 110	P	05/05/2025	21:59	LB135674
	Arsenic	4740	5000	95	90 - 110	P	05/05/2025	21:59	LB135674
	Barium	9390	10000	94	90 - 110	P	05/05/2025	21:59	LB135674
	Beryllium	242	250	97	90 - 110	P	05/05/2025	21:59	LB135674
	Cadmium	2410	2500	97	90 - 110	P	05/05/2025	21:59	LB135674
	Calcium	23600	25000	94	90 - 110	P	05/05/2025	21:59	LB135674
	Chromium	959	1000	96	90 - 110	P	05/05/2025	21:59	LB135674
	Cobalt	2380	2500	95	90 - 110	P	05/05/2025	21:59	LB135674
	Copper	1180	1250	95	90 - 110	P	05/05/2025	21:59	LB135674
	Iron	4770	5000	95	90 - 110	P	05/05/2025	21:59	LB135674
	Lead	4810	5000	96	90 - 110	P	05/05/2025	21:59	LB135674
	Magnesium	23700	25000	95	90 - 110	P	05/05/2025	21:59	LB135674
	Manganese	2370	2500	95	90 - 110	P	05/05/2025	21:59	LB135674
	Nickel	2410	2500	96	90 - 110	P	05/05/2025	21:59	LB135674
	Potassium	23200	25000	93	90 - 110	P	05/05/2025	21:59	LB135674
	Selenium	4740	5000	95	90 - 110	P	05/05/2025	21:59	LB135674
	Silver	1190	1250	95	90 - 110	P	05/05/2025	21:59	LB135674
	Sodium	23000	25000	92	90 - 110	P	05/05/2025	21:59	LB135674
	Thallium	4640	5000	93	90 - 110	P	05/05/2025	21:59	LB135674
	Vanadium	2360	2500	94	90 - 110	P	05/05/2025	21:59	LB135674
	Zinc	2320	2500	93	90 - 110	P	05/05/2025	21:59	LB135674
CCV10	Aluminum	9230	10000	92	90 - 110	P	05/05/2025	22:33	LB135674
	Antimony	4720	5000	94	90 - 110	P	05/05/2025	22:33	LB135674
	Arsenic	4740	5000	95	90 - 110	P	05/05/2025	22:33	LB135674
	Barium	9090	10000	91	90 - 110	P	05/05/2025	22:33	LB135674
	Beryllium	239	250	96	90 - 110	P	05/05/2025	22:33	LB135674
	Cadmium	2380	2500	95	90 - 110	P	05/05/2025	22:33	LB135674

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	23300	25000	93	90 - 110	P	05/05/2025	22:33	LB135674
	Chromium	967	1000	97	90 - 110	P	05/05/2025	22:33	LB135674
	Cobalt	2360	2500	94	90 - 110	P	05/05/2025	22:33	LB135674
	Copper	1180	1250	95	90 - 110	P	05/05/2025	22:33	LB135674
	Iron	4620	5000	92	90 - 110	P	05/05/2025	22:33	LB135674
	Lead	4750	5000	95	90 - 110	P	05/05/2025	22:33	LB135674
	Magnesium	23600	25000	94	90 - 110	P	05/05/2025	22:33	LB135674
	Manganese	2300	2500	92	90 - 110	P	05/05/2025	22:33	LB135674
	Nickel	2370	2500	95	90 - 110	P	05/05/2025	22:33	LB135674
	Potassium	22800	25000	91	90 - 110	P	05/05/2025	22:33	LB135674
	Selenium	4730	5000	95	90 - 110	P	05/05/2025	22:33	LB135674
	Silver	1180	1250	94	90 - 110	P	05/05/2025	22:33	LB135674
	Sodium	23300	25000	93	90 - 110	P	05/05/2025	22:33	LB135674
	Thallium	4550	5000	91	90 - 110	P	05/05/2025	22:33	LB135674
	Vanadium	2330	2500	93	90 - 110	P	05/05/2025	22:33	LB135674
	Zinc	2330	2500	93	90 - 110	P	05/05/2025	22:33	LB135674

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2400	2500	96	90 - 110	P	05/06/2025	14:47	LB135689
	Antimony	972	1000	97	90 - 110	P	05/06/2025	14:47	LB135689
	Arsenic	976	1000	98	90 - 110	P	05/06/2025	14:47	LB135689
	Barium	531	520	102	90 - 110	P	05/06/2025	14:47	LB135689
	Beryllium	552	510	108	90 - 110	P	05/06/2025	14:47	LB135689
	Cadmium	498	510	98	90 - 110	P	05/06/2025	14:47	LB135689
	Calcium	9500	10000	95	90 - 110	P	05/06/2025	14:47	LB135689
	Chromium	498	520	96	90 - 110	P	05/06/2025	14:47	LB135689
	Cobalt	487	520	94	90 - 110	P	05/06/2025	14:47	LB135689
	Copper	500	510	98	90 - 110	P	05/06/2025	14:47	LB135689
	Iron	10500	10000	105	90 - 110	P	05/06/2025	14:47	LB135689
	Lead	975	1000	98	90 - 110	P	05/06/2025	14:47	LB135689
	Magnesium	5640	6000	94	90 - 110	P	05/06/2025	14:47	LB135689
	Manganese	493	520	95	90 - 110	P	05/06/2025	14:47	LB135689
	Nickel	492	530	93	90 - 110	P	05/06/2025	14:47	LB135689
	Potassium	10100	9900	102	90 - 110	P	05/06/2025	14:47	LB135689
	Selenium	1000	1000	100	90 - 110	P	05/06/2025	14:47	LB135689
	Silver	232	250	93	90 - 110	P	05/06/2025	14:47	LB135689
	Sodium	10000	10000	100	90 - 110	P	05/06/2025	14:47	LB135689
	Thallium	1000	1000	100	90 - 110	P	05/06/2025	14:47	LB135689
	Vanadium	478	500	96	90 - 110	P	05/06/2025	14:47	LB135689
	Zinc	975	1000	98	90 - 110	P	05/06/2025	14:47	LB135689

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	105	100	105	80 - 120	P	05/06/2025	15:22	LB135689
	Antimony	50.3	50.0	101	80 - 120	P	05/06/2025	15:22	LB135689
	Arsenic	18.2	20.0	91	80 - 120	P	05/06/2025	15:22	LB135689
	Barium	91.5	100	92	80 - 120	P	05/06/2025	15:22	LB135689
	Beryllium	5.90	6.0	98	80 - 120	P	05/06/2025	15:22	LB135689
	Cadmium	5.98	6.0	100	80 - 120	P	05/06/2025	15:22	LB135689
	Calcium	1930	2000	96	80 - 120	P	05/06/2025	15:22	LB135689
	Chromium	9.31	10.0	93	80 - 120	P	05/06/2025	15:22	LB135689
	Cobalt	28.6	30.0	95	80 - 120	P	05/06/2025	15:22	LB135689
	Copper	21.1	20.0	106	80 - 120	P	05/06/2025	15:22	LB135689
	Iron	98.2	100	98	80 - 120	P	05/06/2025	15:22	LB135689
	Lead	11.1	12.0	92	80 - 120	P	05/06/2025	15:22	LB135689
	Magnesium	2030	2000	102	80 - 120	P	05/06/2025	15:22	LB135689
	Manganese	19.6	20.0	98	80 - 120	P	05/06/2025	15:22	LB135689
	Nickel	38.9	40.0	97	80 - 120	P	05/06/2025	15:22	LB135689
	Potassium	1770	2000	88	80 - 120	P	05/06/2025	15:22	LB135689
	Selenium	19.1	20.0	95	80 - 120	P	05/06/2025	15:22	LB135689
	Silver	9.80	10.0	98	80 - 120	P	05/06/2025	15:22	LB135689
	Sodium	1790	2000	89	80 - 120	P	05/06/2025	15:22	LB135689
	Thallium	39.9	40.0	100	80 - 120	P	05/06/2025	15:22	LB135689
	Vanadium	38.0	40.0	95	80 - 120	P	05/06/2025	15:22	LB135689
	Zinc	40.4	40.0	101	80 - 120	P	05/06/2025	15:22	LB135689

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9630	10000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Antimony	4790	5000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Arsenic	4780	5000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Barium	9340	10000	93	90 - 110	P	05/06/2025	16:29	LB135689
	Beryllium	249	250	100	90 - 110	P	05/06/2025	16:29	LB135689
	Cadmium	2390	2500	95	90 - 110	P	05/06/2025	16:29	LB135689
	Calcium	23900	25000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Chromium	998	1000	100	90 - 110	P	05/06/2025	16:29	LB135689
	Cobalt	2390	2500	96	90 - 110	P	05/06/2025	16:29	LB135689
	Copper	1210	1250	97	90 - 110	P	05/06/2025	16:29	LB135689
	Iron	5040	5000	101	90 - 110	P	05/06/2025	16:29	LB135689
	Lead	5030	5000	101	90 - 110	P	05/06/2025	16:29	LB135689
	Magnesium	23900	25000	95	90 - 110	P	05/06/2025	16:29	LB135689
	Manganese	2400	2500	96	90 - 110	P	05/06/2025	16:29	LB135689
	Nickel	2400	2500	96	90 - 110	P	05/06/2025	16:29	LB135689
	Potassium	23900	25000	95	90 - 110	P	05/06/2025	16:29	LB135689
	Selenium	4800	5000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Silver	1240	1250	99	90 - 110	P	05/06/2025	16:29	LB135689
	Sodium	24100	25000	96	90 - 110	P	05/06/2025	16:29	LB135689
	Thallium	4670	5000	94	90 - 110	P	05/06/2025	16:29	LB135689
	Vanadium	2400	2500	96	90 - 110	P	05/06/2025	16:29	LB135689
	Zinc	2470	2500	99	90 - 110	P	05/06/2025	16:29	LB135689
CCV02	Aluminum	9480	10000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Antimony	4750	5000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Arsenic	4730	5000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Barium	9710	10000	97	90 - 110	P	05/06/2025	17:15	LB135689
	Beryllium	237	250	95	90 - 110	P	05/06/2025	17:15	LB135689
	Cadmium	2390	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
	Calcium	24000	25000	96	90 - 110	P	05/06/2025	17:15	LB135689
	Chromium	962	1000	96	90 - 110	P	05/06/2025	17:15	LB135689
	Cobalt	2390	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
	Copper	1200	1250	96	90 - 110	P	05/06/2025	17:15	LB135689
	Iron	5000	5000	100	90 - 110	P	05/06/2025	17:15	LB135689
	Lead	4890	5000	98	90 - 110	P	05/06/2025	17:15	LB135689

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	23700	25000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Manganese	2410	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
	Nickel	2390	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
	Potassium	24100	25000	96	90 - 110	P	05/06/2025	17:15	LB135689
	Selenium	4750	5000	95	90 - 110	P	05/06/2025	17:15	LB135689
	Silver	1200	1250	96	90 - 110	P	05/06/2025	17:15	LB135689
	Sodium	24100	25000	96	90 - 110	P	05/06/2025	17:15	LB135689
	Thallium	4770	5000	96	90 - 110	P	05/06/2025	17:15	LB135689
	Vanadium	2390	2500	95	90 - 110	P	05/06/2025	17:15	LB135689
	Zinc	2410	2500	96	90 - 110	P	05/06/2025	17:15	LB135689
CCV03	Aluminum	9460	10000	95	90 - 110	P	05/06/2025	18:08	LB135689
	Antimony	4590	5000	92	90 - 110	P	05/06/2025	18:08	LB135689
	Arsenic	4570	5000	92	90 - 110	P	05/06/2025	18:08	LB135689
	Barium	9450	10000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Beryllium	240	250	96	90 - 110	P	05/06/2025	18:08	LB135689
	Cadmium	2340	2500	94	90 - 110	P	05/06/2025	18:08	LB135689
	Calcium	23700	25000	95	90 - 110	P	05/06/2025	18:08	LB135689
	Chromium	954	1000	95	90 - 110	P	05/06/2025	18:08	LB135689
	Cobalt	2340	2500	94	90 - 110	P	05/06/2025	18:08	LB135689
	Copper	1170	1250	94	90 - 110	P	05/06/2025	18:08	LB135689
	Iron	4700	5000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Lead	4690	5000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Magnesium	23600	25000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Manganese	2390	2500	95	90 - 110	P	05/06/2025	18:08	LB135689
	Nickel	2340	2500	94	90 - 110	P	05/06/2025	18:08	LB135689
	Potassium	23200	25000	93	90 - 110	P	05/06/2025	18:08	LB135689
	Selenium	4550	5000	91	90 - 110	P	05/06/2025	18:08	LB135689
	Silver	1180	1250	94	90 - 110	P	05/06/2025	18:08	LB135689
	Sodium	23300	25000	93	90 - 110	P	05/06/2025	18:08	LB135689
	Thallium	4710	5000	94	90 - 110	P	05/06/2025	18:08	LB135689
	Vanadium	2360	2500	94	90 - 110	P	05/06/2025	18:08	LB135689
	Zinc	2370	2500	95	90 - 110	P	05/06/2025	18:08	LB135689
CCV04	Aluminum	9960	10000	100	90 - 110	P	05/06/2025	19:16	LB135689
	Antimony	4840	5000	97	90 - 110	P	05/06/2025	19:16	LB135689

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4840	5000	97	90 - 110	P	05/06/2025	19:16	LB135689
	Barium	9930	10000	99	90 - 110	P	05/06/2025	19:16	LB135689
	Beryllium	264	250	106	90 - 110	P	05/06/2025	19:16	LB135689
	Cadmium	2470	2500	99	90 - 110	P	05/06/2025	19:16	LB135689
	Calcium	25000	25000	100	90 - 110	P	05/06/2025	19:16	LB135689
	Chromium	988	1000	99	90 - 110	P	05/06/2025	19:16	LB135689
	Cobalt	2470	2500	99	90 - 110	P	05/06/2025	19:16	LB135689
	Copper	1240	1250	99	90 - 110	P	05/06/2025	19:16	LB135689
	Iron	4820	5000	96	90 - 110	P	05/06/2025	19:16	LB135689
	Lead	4970	5000	99	90 - 110	P	05/06/2025	19:16	LB135689
	Magnesium	24900	25000	100	90 - 110	P	05/06/2025	19:16	LB135689
	Manganese	2530	2500	101	90 - 110	P	05/06/2025	19:16	LB135689
	Nickel	2470	2500	99	90 - 110	P	05/06/2025	19:16	LB135689
	Potassium	23600	25000	94	90 - 110	P	05/06/2025	19:16	LB135689
	Selenium	4820	5000	96	90 - 110	P	05/06/2025	19:16	LB135689
	Silver	1240	1250	99	90 - 110	P	05/06/2025	19:16	LB135689
	Sodium	23500	25000	94	90 - 110	P	05/06/2025	19:16	LB135689
	Thallium	4760	5000	95	90 - 110	P	05/06/2025	19:16	LB135689
	Vanadium	2470	2500	99	90 - 110	P	05/06/2025	19:16	LB135689
	Zinc	2490	2500	100	90 - 110	P	05/06/2025	19:16	LB135689
CCV05	Aluminum	10000	10000	100	90 - 110	P	05/06/2025	20:01	LB135689
	Antimony	4800	5000	96	90 - 110	P	05/06/2025	20:01	LB135689
	Arsenic	4780	5000	96	90 - 110	P	05/06/2025	20:01	LB135689
	Barium	9940	10000	99	90 - 110	P	05/06/2025	20:01	LB135689
	Beryllium	260	250	104	90 - 110	P	05/06/2025	20:01	LB135689
	Cadmium	2460	2500	99	90 - 110	P	05/06/2025	20:01	LB135689
	Calcium	25000	25000	100	90 - 110	P	05/06/2025	20:01	LB135689
	Chromium	995	1000	100	90 - 110	P	05/06/2025	20:01	LB135689
	Cobalt	2450	2500	98	90 - 110	P	05/06/2025	20:01	LB135689
	Copper	1230	1250	98	90 - 110	P	05/06/2025	20:01	LB135689
	Iron	4860	5000	97	90 - 110	P	05/06/2025	20:01	LB135689
	Lead	4900	5000	98	90 - 110	P	05/06/2025	20:01	LB135689
	Magnesium	25000	25000	100	90 - 110	P	05/06/2025	20:01	LB135689
	Manganese	2520	2500	101	90 - 110	P	05/06/2025	20:01	LB135689

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2450	2500	98	90 - 110	P	05/06/2025	20:01	LB135689
	Potassium	23700	25000	95	90 - 110	P	05/06/2025	20:01	LB135689
	Selenium	4730	5000	95	90 - 110	P	05/06/2025	20:01	LB135689
	Silver	1230	1250	99	90 - 110	P	05/06/2025	20:01	LB135689
	Sodium	23700	25000	95	90 - 110	P	05/06/2025	20:01	LB135689
	Thallium	4800	5000	96	90 - 110	P	05/06/2025	20:01	LB135689
	Vanadium	2470	2500	99	90 - 110	P	05/06/2025	20:01	LB135689
	Zinc	2480	2500	99	90 - 110	P	05/06/2025	20:01	LB135689
CCV06	Aluminum	9830	10000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Antimony	4880	5000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Arsenic	4840	5000	97	90 - 110	P	05/06/2025	20:31	LB135689
	Barium	9850	10000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Beryllium	241	250	96	90 - 110	P	05/06/2025	20:31	LB135689
	Cadmium	2440	2500	98	90 - 110	P	05/06/2025	20:31	LB135689
	Calcium	24400	25000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Chromium	975	1000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Cobalt	2430	2500	97	90 - 110	P	05/06/2025	20:31	LB135689
	Copper	1240	1250	99	90 - 110	P	05/06/2025	20:31	LB135689
	Iron	4920	5000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Lead	4870	5000	97	90 - 110	P	05/06/2025	20:31	LB135689
	Magnesium	24300	25000	97	90 - 110	P	05/06/2025	20:31	LB135689
	Manganese	2440	2500	98	90 - 110	P	05/06/2025	20:31	LB135689
	Nickel	2430	2500	97	90 - 110	P	05/06/2025	20:31	LB135689
	Potassium	24200	25000	97	90 - 110	P	05/06/2025	20:31	LB135689
	Selenium	4820	5000	96	90 - 110	P	05/06/2025	20:31	LB135689
	Silver	1210	1250	97	90 - 110	P	05/06/2025	20:31	LB135689
	Sodium	24400	25000	98	90 - 110	P	05/06/2025	20:31	LB135689
	Thallium	4750	5000	95	90 - 110	P	05/06/2025	20:31	LB135689
	Vanadium	2430	2500	97	90 - 110	P	05/06/2025	20:31	LB135689
	Zinc	2440	2500	98	90 - 110	P	05/06/2025	20:31	LB135689

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Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.19	0.2	97	40 - 160	CV	05/05/2025	11:33	LB135662
CRI01	Aluminum	99.6	100	100	40 - 160	P	05/05/2025	14:47	LB135674
	Antimony	52.8	50.0	106	40 - 160	P	05/05/2025	14:47	LB135674
	Arsenic	20.6	20.0	103	40 - 160	P	05/05/2025	14:47	LB135674
	Barium	92.2	100	92	40 - 160	P	05/05/2025	14:47	LB135674
	Beryllium	5.85	6.0	98	40 - 160	P	05/05/2025	14:47	LB135674
	Cadmium	5.79	6.0	96	40 - 160	P	05/05/2025	14:47	LB135674
	Calcium	2000	2000	100	40 - 160	P	05/05/2025	14:47	LB135674
	Chromium	10.3	10.0	103	40 - 160	P	05/05/2025	14:47	LB135674
	Cobalt	29.6	30.0	99	40 - 160	P	05/05/2025	14:47	LB135674
	Copper	22.4	20.0	112	40 - 160	P	05/05/2025	14:47	LB135674
	Iron	93.9	100	94	40 - 160	P	05/05/2025	14:47	LB135674
	Lead	11.2	12.0	93	40 - 160	P	05/05/2025	14:47	LB135674
	Magnesium	2100	2000	105	40 - 160	P	05/05/2025	14:47	LB135674
	Manganese	18.0	20.0	90	40 - 160	P	05/05/2025	14:47	LB135674
	Nickel	39.9	40.0	100	40 - 160	P	05/05/2025	14:47	LB135674
	Potassium	2020	2000	101	40 - 160	P	05/05/2025	14:47	LB135674
	Selenium	22.8	20.0	114	40 - 160	P	05/05/2025	14:47	LB135674
	Silver	10.3	10.0	103	40 - 160	P	05/05/2025	14:47	LB135674
	Sodium	2000	2000	100	40 - 160	P	05/05/2025	14:47	LB135674
	Thallium	42.8	40.0	107	40 - 160	P	05/05/2025	14:47	LB135674
	Vanadium	41.7	40.0	104	40 - 160	P	05/05/2025	14:47	LB135674
	Zinc	42.7	40.0	107	40 - 160	P	05/05/2025	14:47	LB135674
CRI01	Aluminum	102	100	102	40 - 160	P	05/06/2025	15:31	LB135689
	Antimony	50.4	50.0	101	40 - 160	P	05/06/2025	15:31	LB135689
	Arsenic	20.3	20.0	101	40 - 160	P	05/06/2025	15:31	LB135689
	Barium	89.4	100	89	40 - 160	P	05/06/2025	15:31	LB135689
	Beryllium	5.91	6.0	98	40 - 160	P	05/06/2025	15:31	LB135689
	Cadmium	5.91	6.0	98	40 - 160	P	05/06/2025	15:31	LB135689
	Calcium	1950	2000	97	40 - 160	P	05/06/2025	15:31	LB135689
	Chromium	9.54	10.0	95	40 - 160	P	05/06/2025	15:31	LB135689
	Cobalt	28.3	30.0	94	40 - 160	P	05/06/2025	15:31	LB135689
	Copper	21.6	20.0	108	40 - 160	P	05/06/2025	15:31	LB135689
	Iron	95.6	100	96	40 - 160	P	05/06/2025	15:31	LB135689
	Lead	10.0	12.0	83	40 - 160	P	05/06/2025	15:31	LB135689

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Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Magnesium	2050	2000	102	40 - 160	P	05/06/2025	15:31	LB135689
	Manganese	19.8	20.0	99	40 - 160	P	05/06/2025	15:31	LB135689
	Nickel	38.6	40.0	97	40 - 160	P	05/06/2025	15:31	LB135689
	Potassium	1730	2000	87	40 - 160	P	05/06/2025	15:31	LB135689
	Selenium	22.5	20.0	112	40 - 160	P	05/06/2025	15:31	LB135689
	Silver	9.66	10.0	97	40 - 160	P	05/06/2025	15:31	LB135689
	Sodium	1760	2000	88	40 - 160	P	05/06/2025	15:31	LB135689
	Thallium	37.5	40.0	94	40 - 160	P	05/06/2025	15:31	LB135689
	Vanadium	39.4	40.0	98	40 - 160	P	05/06/2025	15:31	LB135689
	Zinc	39.7	40.0	99	40 - 160	P	05/06/2025	15:31	LB135689

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	240000	255000	94	216000	294000	05/05/2025	14:52	LB135674
	Antimony	-3.42			-50	50	05/05/2025	14:52	LB135674
	Arsenic	4.47			-20	20	05/05/2025	14:52	LB135674
	Barium	0.40	6.0	7	-94	106	05/05/2025	14:52	LB135674
	Beryllium	1.29			-6	6	05/05/2025	14:52	LB135674
	Cadmium	-1.99	1.0	199	-5	7	05/05/2025	14:52	LB135674
	Calcium	226000	245000	92	208000	282000	05/05/2025	14:52	LB135674
	Chromium	53.8	52.0	104	42	62	05/05/2025	14:52	LB135674
	Cobalt	1.10			-30	30	05/05/2025	14:52	LB135674
	Copper	12.1	2.0	605	-18	22	05/05/2025	14:52	LB135674
	Iron	91500	101000	91	85600	116500	05/05/2025	14:52	LB135674
	Lead	-1.42			-12	12	05/05/2025	14:52	LB135674
	Magnesium	242000	255000	95	216000	294000	05/05/2025	14:52	LB135674
	Manganese	1.97	7.0	28	-13	27	05/05/2025	14:52	LB135674
	Nickel	1.16	2.0	58	-38	42	05/05/2025	14:52	LB135674
	Potassium	-11.6			0	0	05/05/2025	14:52	LB135674
	Selenium	-15.2			-20	20	05/05/2025	14:52	LB135674
	Silver	0.79			-10	10	05/05/2025	14:52	LB135674
	Sodium	7.57			0	0	05/05/2025	14:52	LB135674
	Thallium	5.95			-40	40	05/05/2025	14:52	LB135674
	Vanadium	1.94			-40	40	05/05/2025	14:52	LB135674
	Zinc	3.23			-40	40	05/05/2025	14:52	LB135674
ICSAB01	Aluminum	233000	247000	94	209000	285000	05/05/2025	15:07	LB135674
	Antimony	651	618	105	525	711	05/05/2025	15:07	LB135674
	Arsenic	112	104	108	88.4	120	05/05/2025	15:07	LB135674
	Barium	496	537	92	437	637	05/05/2025	15:07	LB135674
	Beryllium	504	495	102	420	570	05/05/2025	15:07	LB135674
	Cadmium	1050	972	108	826	1120	05/05/2025	15:07	LB135674
	Calcium	219000	235000	93	199000	271000	05/05/2025	15:07	LB135674
	Chromium	572	542	106	460	624	05/05/2025	15:07	LB135674
	Cobalt	517	476	109	404	548	05/05/2025	15:07	LB135674
	Copper	520	511	102	434	588	05/05/2025	15:07	LB135674
	Iron	93700	99300	94	84400	114500	05/05/2025	15:07	LB135674
	Lead	48.4	49.0	99	37	61	05/05/2025	15:07	LB135674
	Magnesium	234000	248000	94	210000	286000	05/05/2025	15:07	LB135674
	Manganese	491	507	97	430	584	05/05/2025	15:07	LB135674
	Nickel	1020	954	107	810	1100	05/05/2025	15:07	LB135674
	Potassium	-13.2			0	0	05/05/2025	15:07	LB135674
	Selenium	35.7	46.0	78	26	66	05/05/2025	15:07	LB135674
	Silver	195	201	97	170	232	05/05/2025	15:07	LB135674
	Sodium	-28.0			0	0	05/05/2025	15:07	LB135674
	Thallium	104	108	96	68	148	05/05/2025	15:07	LB135674

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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	487	491	99	417	565	05/05/2025	15:07	LB135674
	Zinc	1070	952	112	809	1095	05/05/2025	15:07	LB135674
ICSA01	Aluminum	237000	255000	93	216000	294000	05/06/2025	15:50	LB135689
	Antimony	-1.78			-50	50	05/06/2025	15:50	LB135689
	Arsenic	4.12			-20	20	05/06/2025	15:50	LB135689
	Barium	2.93	6.0	49	-94	106	05/06/2025	15:50	LB135689
	Beryllium	1.32			-6	6	05/06/2025	15:50	LB135689
	Cadmium	-2.60	1.0	260	-5	7	05/06/2025	15:50	LB135689
	Calcium	225000	245000	92	208000	282000	05/06/2025	15:50	LB135689
	Chromium	52.9	52.0	102	42	62	05/06/2025	15:50	LB135689
	Cobalt	0.63			-30	30	05/06/2025	15:50	LB135689
	Copper	-0.0080	2.0		-18	22	05/06/2025	15:50	LB135689
	Iron	91100	101000	90	85600	116500	05/06/2025	15:50	LB135689
	Lead	0.71			-12	12	05/06/2025	15:50	LB135689
	Magnesium	240000	255000	94	216000	294000	05/06/2025	15:50	LB135689
	Manganese	1.70	7.0	24	-13	27	05/06/2025	15:50	LB135689
	Nickel	1.98	2.0	99	-38	42	05/06/2025	15:50	LB135689
	Potassium	-66.1			0	0	05/06/2025	15:50	LB135689
	Selenium	-10.5			-20	20	05/06/2025	15:50	LB135689
	Silver	0.23			-10	10	05/06/2025	15:50	LB135689
	Sodium	-51.3			0	0	05/06/2025	15:50	LB135689
	Thallium	4.79			-40	40	05/06/2025	15:50	LB135689
	Vanadium	1.20			-40	40	05/06/2025	15:50	LB135689
	Zinc	3.59			-40	40	05/06/2025	15:50	LB135689
ICSAB01	Aluminum	230000	247000	93	209000	285000	05/06/2025	15:55	LB135689
	Antimony	641	618	104	525	711	05/06/2025	15:55	LB135689
	Arsenic	114	104	110	88.4	120	05/06/2025	15:55	LB135689
	Barium	512	537	95	437	637	05/06/2025	15:55	LB135689
	Beryllium	505	495	102	420	570	05/06/2025	15:55	LB135689
	Cadmium	1060	972	109	826	1120	05/06/2025	15:55	LB135689
	Calcium	220000	235000	94	199000	271000	05/06/2025	15:55	LB135689
	Chromium	576	542	106	460	624	05/06/2025	15:55	LB135689
	Cobalt	523	476	110	404	548	05/06/2025	15:55	LB135689
	Copper	516	511	101	434	588	05/06/2025	15:55	LB135689
	Iron	94200	99300	95	84400	114500	05/06/2025	15:55	LB135689
	Lead	48.7	49.0	99	37	61	05/06/2025	15:55	LB135689
	Magnesium	232000	248000	94	210000	286000	05/06/2025	15:55	LB135689
	Manganese	507	507	100	430	584	05/06/2025	15:55	LB135689
	Nickel	1040	954	109	810	1100	05/06/2025	15:55	LB135689
	Potassium	-56.0			0	0	05/06/2025	15:55	LB135689
	Selenium	41.3	46.0	90	26	66	05/06/2025	15:55	LB135689
	Silver	195	201	97	170	232	05/06/2025	15:55	LB135689

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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	-60.0			0	0	05/06/2025	15:55	LB135689
	Thallium	112	108	104	68	148	05/06/2025	15:55	LB135689
	Vanadium	498	491	101	417	565	05/06/2025	15:55	LB135689
	Zinc	1070	952	112	809	1095	05/06/2025	15:55	LB135689

METAL QC DATA

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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1945

contract: GENV01 **lab code:** CHEM **case no.:** Q1945 **sas no.:** Q1945

matrix: Water **sample id:** Q1930-01 **client id:** WATER-TREATMENT-DISCHARGEMS

Percent Solids for Sample: NA **Spiked ID:** Q1930-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	14800		14300		1000	52		P
Antimony	ug/L	75 - 125	440		25.0	U	400	110		P
Arsenic	ug/L	75 - 125	428		10.0	U	400	107		P
Barium	ug/L	75 - 125	92.9		50.0	U	100	93		P
Beryllium	ug/L	75 - 125	100		3.00	U	100	100		P
Cadmium	ug/L	75 - 125	107		3.00	U	100	107		P
Calcium	ug/L	75 - 125	8500		8400		500	21		P
Chromium	ug/L	75 - 125	345		156		200	94		P
Cobalt	ug/L	75 - 125	102		15.0	U	100	102		P
Copper	ug/L	75 - 125	151		17.4		150	89		P
Iron	ug/L	75 - 125	2190		668		1500	101		P
Lead	ug/L	75 - 125	492		6.00	U	500	98		P
Magnesium	ug/L	75 - 125	2000		1150		1000	85		P
Manganese	ug/L	75 - 125	99.1		4.86	J	100	94		P
Nickel	ug/L	75 - 125	267		12.9	J	250	101		P
Potassium	ug/L	75 - 125	128000		129000		5000	-38		P
Selenium	ug/L	75 - 125	1120		10.0	U	1000	112		P
Silver	ug/L	75 - 125	42.1		5.00	U	37.5	112		P
Sodium	ug/L	75 - 125	961000		1020000		1500	-4061		P
Thallium	ug/L	75 - 125	907		20.0	U	1000	91		P
Vanadium	ug/L	75 - 125	146		20.0	U	150	97		P
Zinc	ug/L	75 - 125	157		49.2		100	108		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1945

contract: GENV01 **lab code:** CHEM **case no.:** Q1945 **sas no.:** Q1945

matrix: Water **sample id:** Q1930-01 **client id:** WATER-TREATMENT-DISCHARGEMSD

Percent Solids for Sample: NA **Spiked ID:** Q1930-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	14000		14300		1000	-23		P
Antimony	ug/L	75 - 125	427		25.0	U	400	107		P
Arsenic	ug/L	75 - 125	436		10.0	U	400	109		P
Barium	ug/L	75 - 125	95.7		50.0	U	100	96		P
Beryllium	ug/L	75 - 125	93.7		3.00	U	100	94		P
Cadmium	ug/L	75 - 125	108		3.00	U	100	108		P
Calcium	ug/L	75 - 125	8260		8400		500	-29		P
Chromium	ug/L	75 - 125	341		156		200	93		P
Cobalt	ug/L	75 - 125	103		15.0	U	100	103		P
Copper	ug/L	75 - 125	152		17.4		150	90		P
Iron	ug/L	75 - 125	2280		668		1500	108		P
Lead	ug/L	75 - 125	495		6.00	U	500	99		P
Magnesium	ug/L	75 - 125	1940		1150		1000	79		P
Manganese	ug/L	75 - 125	106		4.86	J	100	101		P
Nickel	ug/L	75 - 125	269		12.9	J	250	102		P
Potassium	ug/L	75 - 125	128000		129000		5000	-28		P
Selenium	ug/L	75 - 125	1130		10.0	U	1000	113		P
Silver	ug/L	75 - 125	38.4		5.00	U	37.5	102		P
Sodium	ug/L	75 - 125	959000		1020000		1500	-4195		P
Thallium	ug/L	75 - 125	922		20.0	U	1000	92		P
Vanadium	ug/L	75 - 125	148		20.0	U	150	99		P
Zinc	ug/L	75 - 125	151		49.2		100	102		P

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metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1945

contract: GENV01 **lab code:** CHEM **case no.:** Q1945 **sas no.:** Q1945

matrix: Water **sample id:** Q1945-01 **client id:** GB1WMS

Percent Solids for Sample: NA **Spiked ID:** Q1945-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	6.44		4.53		4.0	48	N	CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1945

contract: GENV01 **lab code:** CHEM **case no.:** Q1945 **sas no.:** Q1945

matrix: Water **sample id:** Q1945-01 **client id:** GB1WMSD

Percent Solids for Sample: NA **Spiked ID:** Q1945-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	6.37		4.53		4.0	46	N	CV

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Metals
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POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Matrix: Water **Level:** LOW **Client ID:** GB1WA

Sample ID: Q1945-01 **Spiked ID:** Q1945-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	8.15		4.53		4.00	91		CV

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Matrix: Water **Sample ID:** Q1930-01 **Client ID:** WATER-TREATMENT-DISCHARGEDUP

Percent Solids for Sample: NA **Duplicate ID** Q1930-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	14300		14400		1		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	50.0	U	50.0	U			P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	8400		8490		1		P
Chromium	ug/L	20	156		159		2		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	17.4		17.4		0		P
Iron	ug/L	20	668		691		3		P
Lead	ug/L	20	6.00	U	6.00	U			P
Magnesium	ug/L	20	1150		1150		0		P
Manganese	ug/L	20	4.86	J	3.77	J	25		P
Nickel	ug/L	20	12.9	J	12.8	J	1		P
Potassium	ug/L	20	129000		134000		4		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	1020000		1050000		3		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	49.2		49.8		1		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Matrix: Water **Sample ID:** Q1930-01MS **Client ID:** WATER-TREATMENT-DISCHARGEMSD

Percent Solids for Sample: NA **Duplicate ID** Q1930-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	14800		14000		6		P
Antimony	ug/L	20	440		427		3		P
Arsenic	ug/L	20	428		436		2		P
Barium	ug/L	20	92.9		95.7		3		P
Beryllium	ug/L	20	100		93.7		7		P
Cadmium	ug/L	20	107		108		1		P
Calcium	ug/L	20	8500		8260		3		P
Chromium	ug/L	20	345		341		1		P
Cobalt	ug/L	20	102		103		1		P
Copper	ug/L	20	151		152		1		P
Iron	ug/L	20	2190		2280		4		P
Lead	ug/L	20	492		495		1		P
Magnesium	ug/L	20	2000		1940		3		P
Manganese	ug/L	20	99.1		106		7		P
Nickel	ug/L	20	267		269		1		P
Potassium	ug/L	20	128000		128000		0		P
Selenium	ug/L	20	1120		1130		1		P
Silver	ug/L	20	42.1		38.4		9		P
Sodium	ug/L	20	961000		959000		0		P
Thallium	ug/L	20	907		922		2		P
Vanadium	ug/L	20	146		148		1		P
Zinc	ug/L	20	157		151		4		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Matrix: Water **Sample ID:** Q1945-01 **Client ID:** GB1WDUP

Percent Solids for Sample: NA **Duplicate ID** Q1945-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	4.53		4.52		0		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Matrix: Water **Sample ID:** Q1945-01MS **Client ID:** GB1WMSD

Percent Solids for Sample: NA **Duplicate ID** Q1945-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	6.44		6.37		1		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167858BS							
Aluminum	ug/L	1000	869		87	80 - 120	P
Antimony	ug/L	400	379		95	80 - 120	P
Arsenic	ug/L	400	370		92	80 - 120	P
Barium	ug/L	100	87.2		87	80 - 120	P
Beryllium	ug/L	100	85.5		86	80 - 120	P
Cadmium	ug/L	100	92.1		92	80 - 120	P
Calcium	ug/L	500	448	J	90	80 - 120	P
Chromium	ug/L	200	183		92	80 - 120	P
Cobalt	ug/L	100	89.4		89	80 - 120	P
Copper	ug/L	150	140		93	80 - 120	P
Iron	ug/L	1500	1400		93	80 - 120	P
Lead	ug/L	500	457		91	80 - 120	P
Magnesium	ug/L	1000	866	J	87	80 - 120	P
Manganese	ug/L	100	89.5		90	80 - 120	P
Nickel	ug/L	250	228		91	80 - 120	P
Potassium	ug/L	5000	4510		90	80 - 120	P
Selenium	ug/L	1000	937		94	80 - 120	P
Silver	ug/L	37.5	34.0		91	80 - 120	P
Sodium	ug/L	1500	1370		91	80 - 120	P
Thallium	ug/L	1000	916		92	80 - 120	P
Vanadium	ug/L	150	134		89	80 - 120	P
Zinc	ug/L	100	91.9		92	80 - 120	P

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167866BS							
Mercury	ug/L	4.0	3.72		93	80 - 120	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

WATER-TREATMENT-DISCHARGEL

Lab Name: Chemtech Consulting Group **Contract:** GENV01

Lab Code: CHEM **Lb No.:** lb135674 **Lab Sample ID :** Q1930-01L **SDG No.:** Q1945

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	14300		13700		4		P
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	50.0	U	250	U			P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	8400		8230		2		P
Chromium	156		151		3		P
Cobalt	15.0	U	75.0	U			P
Copper	17.4		17.4	J	0		P
Iron	668		594		11		P
Lead	6.00	U	30.0	U			P
Magnesium	1150		1170	J	2		P
Manganese	4.86	J	50.0	U	100.0		P
Nickel	12.9	J	12.4	J	4		P
Potassium	129000		109000		16		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	1020000		958000		6		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	49.2		42.9	J	13		P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

GB1WL

Lab Name: Chemtech Consulting Group **Contract:** GENV01

Lab Code: CHEM **Lb No.:** lb135662 **Lab Sample ID :** Q1945-01L **SDG No.:** Q1945

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	4.53		4.40		3		CV

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1945 **Sas no.:** Q1945 **Sdg no.:** Q1945

Instrument id number: **Method:** **Run number:** LB135662

Start date: 05/05/2025 **End date:** 05/05/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1059	HG
S0.2	S0.2	1	1101	HG
S2.5	S2.5	1	1103	HG
S5	S5	1	1106	HG
S7.5	S7.5	1	1108	HG
S10	S10	1	1113	HG
ICV114	ICV114	1	1116	HG
ICB114	ICB114	1	1118	HG
CCV71	CCV71	1	1125	HG
CCB71	CCB71	1	1130	HG
CRA	CRA	1	1133	HG
CCV72	CCV72	1	1158	HG
CCB72	CCB72	1	1203	HG
CCV73	CCV73	1	1228	HG
CCB73	CCB73	1	1238	HG
PB167866BL	PB167866BL	1	1252	HG
PB167866BS	PB167866BS	1	1254	HG
Q1945-01	GB1W	1	1301	HG
CCV74	CCV74	1	1303	HG
CCB74	CCB74	1	1306	HG
Q1945-01DUP	GB1WDUP	1	1317	HG
Q1945-01MS	GB1WMS	1	1319	HG
Q1945-01MSD	GB1WMSD	1	1321	HG
Q1945-01L	GB1WL	5	1336	HG
Q1945-01A	GB1WA	1	1339	HG
CCV75	CCV75	1	1341	HG
CCB75	CCB75	1	1343	HG
CCV76	CCV76	1	1352	HG
CCB76	CCB76	1	1355	HG

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1945 **Sas no.:** Q1945 **Sdg no.:** Q1945

Instrument id number: **Method:** **Run number:** LB135674

Start date: 05/05/2025 **End date:** 05/05/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1302	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1307	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1311	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1315	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1319	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1324	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1418	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1436	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1441	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1447	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1452	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1507	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1520	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1526	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1607	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1612	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1656	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1700	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1755	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1759	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167858BL	PB167858BL	1	1822	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167858BS	PB167858BS	1	1827	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1843	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1847	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1932	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1937	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	2019	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	2023	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	2107	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2112	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1945-01	GB1W	1	2151	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V
CCV09	CCV09	1	2159	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2203	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1930-01DUP	WATER-TREATMENT-DISCH/	1	2212	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1930-01L	WATER-TREATMENT-DISCH/	5	2216	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1930-01MS	WATER-TREATMENT-DISCH/	1	2221	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1930-01MSD	WATER-TREATMENT-DISCH/	1	2225	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2233	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2237	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1945 **Sas no.:** Q1945 **Sdg no.:** Q1945

Instrument id number: **Method:** **Run number:** LB135689

Start date: 05/06/2025 **End date:** 05/06/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1343	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1348	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1352	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1356	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1401	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1405	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1447	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1522	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1527	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1531	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1550	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1555	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1629	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1634	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1715	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1720	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1808	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1813	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1916	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1920	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	2001	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	2006	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1945-01	GB1W	10	2018	Zn
CCV06	CCV06	1	2031	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	2035	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1945 **SAS No.:** Q1945

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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LAB CHRONICLE

OrderID:	Q1945	**OrderDate:**	5/2/2025 11:14:00 AM
Client:	G Environmental	**Project:**	Amsterdam
Contact:	Gary Landis	**Location:**	L41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1945-01	**GB1W**	**Water**			**05/02/25**			**05/02/25**
			Mercury	7470A		05/05/25	05/05/25	
			Metals ICP-TAL	6010D		05/05/25	05/05/25	
			Metals ICP-TAL	6010D		05/05/25	05/06/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Method:**

Case No.: Q1945 **SAS No.:** Q1945

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167858**						
PB167858BL	PB167858BL	MB	WATER	05/05/2025	50.0	25.0	
PB167858BS	PB167858BS	LCS	WATER	05/05/2025	50.0	25.0	
Q1930-01DUP	WATER-TREATMENT-DISCHARGEDUP	DUP	WATER	05/05/2025	50.0	25.0	
Q1930-01MS	WATER-TREATMENT-DISCHARGEMS	MS	WATER	05/05/2025	50.0	25.0	
Q1930-01MSD	WATER-TREATMENT-DISCHARGEMSD	MSD	WATER	05/05/2025	50.0	25.0	
Q1945-01	GB1W	SAM	WATER	05/05/2025	50.0	25.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q1945

Contract: GENV01 **Lab Code:** CHEM **Method:**

Case No.: Q1945 **SAS No.:** Q1945

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167866**						
PB167866BL	PB167866BL	MB	WATER	05/05/2025	30.0	30.0	
PB167866BS	PB167866BS	LCS	WATER	05/05/2025	30.0	30.0	
Q1945-01	GB1W	SAM	WATER	05/05/2025	30.0	30.0	
Q1945-01DUP	GB1WDUP	DUP	WATER	05/05/2025	30.0	30.0	
Q1945-01MS	GB1WMS	MS	WATER	05/05/2025	30.0	30.0	
Q1945-01MSD	GB1WMSD	MSD	WATER	05/05/2025	30.0	30.0	

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135662

Review By	mohan	Review On	5/6/2025 10:06:50 AM
Supervise By	jaswal	Supervise On	5/6/2025 4:50:43 PM

STD. NAME	STD REF.#
ICAL Standard	MP85530,MP85531,MP85532,MP85533,MP85534,MP85535
ICV Standard	MP85536
CCV Standard	MP85538
ICSA Standard	
CRI Standard	MP85540
LCS Standard	
Chk Standard	MP85537,MP85539,MP85541,MP85543

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	05/05/25 10:59		mohan	OK
2	S0.2	S0.2	CAL2	05/05/25 11:01		mohan	OK
3	S2.5	S2.5	CAL3	05/05/25 11:03		mohan	OK
4	S5	S5	CAL4	05/05/25 11:06		mohan	OK
5	S7.5	S7.5	CAL5	05/05/25 11:08		mohan	OK
6	S10	S10	CAL6	05/05/25 11:13		mohan	OK
7	ICV114	ICV114	ICV	05/05/25 11:16		mohan	OK
8	ICB114	ICB114	ICB	05/05/25 11:18		mohan	OK
9	CCV71	CCV71	CCV	05/05/25 11:25		mohan	OK
10	CCB71	CCB71	CCB	05/05/25 11:30		mohan	OK
11	CRA	CRA	CRDL	05/05/25 11:33		mohan	OK
12	HighStd	HighStd	HIGH STD	05/05/25 11:35		mohan	OK
13	ChkStd	ChkStd	SAM	05/05/25 11:37		mohan	OK
14	PB167839BL	PB167839BL	MB	05/05/25 11:42		mohan	OK
15	PB167839BS	PB167839BS	LCS	05/05/25 11:44		mohan	OK
16	Q1916-04	WC-12	SAM	05/05/25 11:47		mohan	OK
17	Q1917-04	MH-JJ	SAM	05/05/25 11:49		mohan	OK
18	Q1922-04	MH-R	SAM	05/05/25 11:51		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135662

Review By	mohan	Review On	5/6/2025 10:06:50 AM
Supervise By	jaswal	Supervise On	5/6/2025 4:50:43 PM

STD. NAME	STD REF.#
ICAL Standard	MP85530,MP85531,MP85532,MP85533,MP85534,MP85535
ICV Standard	MP85536
CCV Standard	MP85538
ICSA Standard	
CRI Standard	MP85540
LCS Standard	
Chk Standard	MP85537,MP85539,MP85541,MP85543

19	Q1922-08	MH-S	SAM	05/05/25 11:53		mohan	OK
20	Q1925-01	AUD-25-0068	SAM	05/05/25 11:56		mohan	OK
21	CCV72	CCV72	CCV	05/05/25 11:58		mohan	OK
22	CCB72	CCB72	CCB	05/05/25 12:03		mohan	OK
23	Q1925-02	AUD-25-0069	SAM	05/05/25 12:05		mohan	OK
24	Q1925-03	AUD-25-0070	SAM	05/05/25 12:07		mohan	OK
25	Q1928-04	MH-Q	SAM	05/05/25 12:10		mohan	OK
26	Q1929-03	WC-A4-02-C	SAM	05/05/25 12:12		mohan	OK
27	Q1929-07	WC-A1-03-C	SAM	05/05/25 12:14		mohan	OK
28	Q1929-11	WC-A1-04-C	SAM	05/05/25 12:16		mohan	OK
29	Q1932-02	COMP-4	SAM	05/05/25 12:19		mohan	OK
30	Q1932-04	COMP-5	SAM	05/05/25 12:21		mohan	OK
31	Q1932-06	COMP-6	SAM	05/05/25 12:23		mohan	OK
32	Q1932-08	COMP-7	SAM	05/05/25 12:26		mohan	OK
33	CCV73	CCV73	CCV	05/05/25 12:28		mohan	OK
34	CCB73	CCB73	CCB	05/05/25 12:38		mohan	OK
35	Q1935-04	MH-NN	SAM	05/05/25 12:40		mohan	OK
36	Q1935-08	MH-MM	SAM	05/05/25 12:43		mohan	OK
37	Q1935-08DUP	MH-MMDUP	DUP	05/05/25 12:45		mohan	OK
38	Q1935-08MS	MH-MMMS	MS	05/05/25 12:47		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135662

Review By	mohan	Review On	5/6/2025 10:06:50 AM
Supervise By	jaswal	Supervise On	5/6/2025 4:50:43 PM

STD. NAME	STD REF.#
ICAL Standard	MP85530,MP85531,MP85532,MP85533,MP85534,MP85535
ICV Standard	MP85536
CCV Standard	MP85538
ICSA Standard	
CRI Standard	MP85540
LCS Standard	
Chk Standard	MP85537,MP85539,MP85541,MP85543

39	Q1935-08MSD	MH-MMMSD	MSD	05/05/25 12:50		mohan	OK
40	PB167866BL	PB167866BL	MB	05/05/25 12:52		mohan	OK
41	PB167866BS	PB167866BS	LCS	05/05/25 12:54		mohan	OK
42	Q1944-02	CITY-WATER	SAM	05/05/25 12:56		mohan	OK
43	Q1944-03	CHILLER-WATER	SAM	05/05/25 12:59		mohan	OK
44	Q1945-01	GB1W	SAM	05/05/25 13:01		mohan	OK
45	CCV74	CCV74	CCV	05/05/25 13:03		mohan	OK
46	CCB74	CCB74	CCB	05/05/25 13:06		mohan	OK
47	Q1945-01DUP	GB1WDUP	DUP	05/05/25 13:17		mohan	OK
48	Q1945-01MS	GB1WMS	MS	05/05/25 13:19		mohan	OK
49	Q1945-01MSD	GB1WMSD	MSD	05/05/25 13:21		mohan	OK
50	Q1956-07	FB-05022025	SAM	05/05/25 13:24		mohan	OK
51	PB167815TB	PB167815TB	MB	05/05/25 13:26		mohan	OK
52	Q1935-08L	MH-MML	SD	05/05/25 13:28		mohan	OK
53	Q1935-08A	MH-MMA	PS	05/05/25 13:31		mohan	OK
54	Q1945-01L	GB1WL	SD	05/05/25 13:36		mohan	OK
55	Q1945-01A	GB1WA	PS	05/05/25 13:39		mohan	OK
56	CCV75	CCV75	CCV	05/05/25 13:41		mohan	OK
57	CCB75	CCB75	CCB	05/05/25 13:43		mohan	OK
58	Q1913-01	WC-12-S-202504	SAM	05/05/25 13:45		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135662

Review By	mohan	Review On	5/6/2025 10:06:50 AM
Supervise By	jaswal	Supervise On	5/6/2025 4:50:43 PM

STD. NAME	STD REF.#
ICAL Standard	MP85530,MP85531,MP85532,MP85533,MP85534,MP85535
ICV Standard	MP85536
CCV Standard	MP85538
ICSA Standard	
CRI Standard	MP85540
LCS Standard	
Chk Standard	MP85537,MP85539,MP85541,MP85543

59	Q1913-03	WC-13-S-202504	SAM	05/05/25 13:48		mohan	OK
60	PB167774TB	PB167774TB	MB	05/05/25 13:50		mohan	OK
61	CCV76	CCV76	CCV	05/05/25 13:52		mohan	OK
62	CCB76	CCB76	CCB	05/05/25 13:55		mohan	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135674

Review By	JANVI	Review On	5/6/2025 4:57:41 PM
Supervise By	jaswal	Supervise On	5/7/2025 1:30:24 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	
LCS Standard	
Chk Standard	MP85557,MP85558

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	05/05/25 13:02		Kareem	OK
2	S1	S1	CAL2	05/05/25 13:07		Kareem	OK
3	S2	S2	CAL3	05/05/25 13:11		Kareem	OK
4	S3	S3	CAL4	05/05/25 13:15		Kareem	OK
5	S4	S4	CAL5	05/05/25 13:19		Kareem	OK
6	S5	S5	CAL6	05/05/25 13:24		Kareem	OK
7	ICV01	ICV01	ICV	05/05/25 14:18		Kareem	OK
8	LLICV01	LLICV01	LLICV	05/05/25 14:36		Kareem	OK
9	ICB01	ICB01	ICB	05/05/25 14:41		Kareem	OK
10	CRI01	CRI01	CRDL	05/05/25 14:47		Kareem	OK
11	ICSA01	ICSA01	ICSA	05/05/25 14:52		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	05/05/25 15:07		Kareem	OK
13	ICSADL	ICSADL	ICSA	05/05/25 15:11		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	05/05/25 15:16		Kareem	OK
15	CCV01	CCV01	CCV	05/05/25 15:20		Kareem	OK
16	CCB01	CCB01	CCB	05/05/25 15:26		Kareem	OK
17	Q1916-01	WC-12	SAM	05/05/25 15:30		Kareem	OK
18	Q1917-01	MH-JJ	SAM	05/05/25 15:35		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135674

Review By	JANVI	Review On	5/6/2025 4:57:41 PM
Supervise By	jaswal	Supervise On	5/7/2025 1:30:24 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	
LCS Standard	
Chk Standard	MP85557,MP85558

19	Q1923-01	TR-05-04302025	SAM	05/05/25 15:39		Kareem	OK
20	Q1923-01DUP	TR-05-04302025DUP	DUP	05/05/25 15:43		Kareem	OK
21	Q1923-01L	TR-05-04302025L	SD	05/05/25 15:47		Kareem	OK
22	Q1923-01MS	TR-05-04302025MS	MS	05/05/25 15:51		Kareem	OK
23	Q1923-01MSD	TR-05-04302025MSD	MSD	05/05/25 15:55		Kareem	OK
24	Q1923-01A	TR-05-04302025A	PS	05/05/25 15:59		Kareem	OK
25	Q1944-01	MELTED-RUBBER-SA	SAM	05/05/25 16:03		Kareem	OK
26	CCV02	CCV02	CCV	05/05/25 16:07		Kareem	OK
27	CCB02	CCB02	CCB	05/05/25 16:12		Kareem	OK
28	Q1865-08	SOM-25-00051	SAM	05/05/25 16:16		Kareem	OK
29	Q1916-04	WC-12	SAM	05/05/25 16:20		Kareem	OK
30	Q1906-04	WC-4	SAM	05/05/25 16:25		Kareem	OK
31	Q1944-02	CITY-WATER	SAM	05/05/25 16:29		Kareem	OK
32	Q1944-03DL	CHILLER-WATERDL	SAM	05/05/25 16:33	Straight 5x for all elements	Kareem	OK
33	Q1913-01	WC-12-S-202504	SAM	05/05/25 16:38		Kareem	OK
34	Q1913-03	WC-13-S-202504	SAM	05/05/25 16:42	MS/MSD fail for many parameters	Kareem	Not Ok
35	Q1913-03DUP	WC-13-S-202504DUP	DUP	05/05/25 16:47	MS/MSD fail for many parameters	Kareem	Not Ok
36	Q1913-03L	WC-13-S-202504L	SD	05/05/25 16:51	MS/MSD fail for many parameters	Kareem	Not Ok
37	CCV03	CCV03	CCV	05/05/25 16:56		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135674

Review By	JANVI	Review On	5/6/2025 4:57:41 PM
Supervise By	jaswal	Supervise On	5/7/2025 1:30:24 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	
LCS Standard	
Chk Standard	MP85557,MP85558

38	CCB03	CCB03	CCB	05/05/25 17:00		Kareem	OK
39	Q1913-03MS	WC-13-S-202504MS	MS	05/05/25 17:04	MS/MSD fail for many parameters	Kareem	Not Ok
40	Q1913-03MSD	WC-13-S-202504MSD	MSD	05/05/25 17:08	MS/MSD fail for many parameters	Kareem	Not Ok
41	Q1913-03A	WC-13-S-202504A	PS	05/05/25 17:13	MS/MSD fail for many parameters	Kareem	Not Ok
42	PB167837BL	PB167837BL	MB	05/05/25 17:17		Kareem	OK
43	PB167815TB	PB167815TB	MB	05/05/25 17:31		Kareem	OK
44	PB167837BS	PB167837BS	LCS	05/05/25 17:36		Kareem	OK
45	PB167817BL	PB167817BL	MB	05/05/25 17:41		Kareem	OK
46	PB167817BS	PB167817BS	LCS	05/05/25 17:46		Kareem	OK
47	PB167832BL	PB167832BL	MB	05/05/25 17:51		Kareem	OK
48	CCV04	CCV04	CCV	05/05/25 17:55		Kareem	OK
49	CCB04	CCB04	CCB	05/05/25 17:59		Kareem	OK
50	PB167832BS	PB167832BS	LCS	05/05/25 18:04		Kareem	OK
51	PB167868BL	PB167868BL	MB	05/05/25 18:10		Kareem	OK
52	PB167868BS	PB167868BS	LCS	05/05/25 18:14		Kareem	OK
53	PB167774TB	PB167774TB	MB	05/05/25 18:18		Kareem	OK
54	PB167858BL	PB167858BL	MB	05/05/25 18:22		Kareem	OK
55	PB167858BS	PB167858BS	LCS	05/05/25 18:27		Kareem	OK
56	Q1922-01	MH-R	SAM	05/05/25 18:31		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135674

Review By	JANVI	Review On	5/6/2025 4:57:41 PM
Supervise By	jaswal	Supervise On	5/7/2025 1:30:24 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	
LCS Standard	
Chk Standard	MP85557,MP85558

57	Q1922-05	MH-S	SAM	05/05/25 18:35		Kareem	OK
58	Q1928-01	MH-Q	SAM	05/05/25 18:39		Kareem	OK
59	CCV05	CCV05	CCV	05/05/25 18:43		Kareem	OK
60	CCB05	CCB05	CCB	05/05/25 18:47		Kareem	OK
61	Q1932-01	COMP-4	SAM	05/05/25 18:52	CCV fail for Be,Mg	Kareem	Not Ok
62	Q1932-03	COMP-5	SAM	05/05/25 18:56	CCV fail for Be,Mg	Kareem	Not Ok
63	Q1932-05	COMP-6	SAM	05/05/25 19:00	CCV fail for Be,Mg	Kareem	Not Ok
64	Q1932-07	COMP-7	SAM	05/05/25 19:04	CCV fail for Be,Mg	Kareem	Not Ok
65	Q1933-01	OK-01-050125	SAM	05/05/25 19:08	CCV fail for Be,Mg	Kareem	Not Ok
66	Q1933-01DUP	OK-01-050125DUP	DUP	05/05/25 19:12	CCV fail for Be,Mg	Kareem	Not Ok
67	Q1933-01L	OK-01-050125L	SD	05/05/25 19:16	CCV fail for Be,Mg	Kareem	Not Ok
68	Q1933-01MS	OK-01-050125MS	MS	05/05/25 19:20	CCV fail for Be,Mg	Kareem	Not Ok
69	Q1933-01MSD	OK-01-050125MSD	MSD	05/05/25 19:24	CCV fail for Be,Mg	Kareem	Not Ok
70	Q1933-01A	OK-01-050125A	PS	05/05/25 19:28	CCV fail for Be,Mg	Kareem	Not Ok
71	CCV06	CCV06	CCV	05/05/25 19:32	CCV fail for Be,Mg	Kareem	OK
72	CCB06	CCB06	CCB	05/05/25 19:37		Kareem	OK
73	Q1939-05	GB3	SAM	05/05/25 19:41	CCV fail for Be,Mg	Kareem	Not Ok
74	Q1935-01	MH-NN	SAM	05/05/25 19:45	CCV fail for Be,Mg	Kareem	Not Ok
75	Q1935-05	MH-MM	SAM	05/05/25 19:49	CCV fail for Be,Mg	Kareem	Not Ok
76	Q1939-01	GB1	SAM	05/05/25 19:53	CCV fail for Be,Mg	Kareem	Not Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135674

Review By	JANVI	Review On	5/6/2025 4:57:41 PM
Supervise By	jaswal	Supervise On	5/7/2025 1:30:24 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	
LCS Standard	
Chk Standard	MP85557,MP85558

77	Q1939-03	GB2	SAM	05/05/25 19:57	CCV fail for Be,Mg	Kareem	Not Ok
78	Q1917-04	MH-JJ	SAM	05/05/25 20:01		Kareem	OK
79	Q1922-04	MH-R	SAM	05/05/25 20:06		Kareem	OK
80	Q1922-08	MH-S	SAM	05/05/25 20:10		Kareem	OK
81	Q1925-01	AUD-25-0068	SAM	05/05/25 20:15		Kareem	OK
82	CCV07	CCV07	CCV	05/05/25 20:19		Kareem	OK
83	CCB07	CCB07	CCB	05/05/25 20:23		Kareem	OK
84	Q1925-02	AUD-25-0069	SAM	05/05/25 20:28		Kareem	OK
85	Q1925-03	AUD-25-0070	SAM	05/05/25 20:32		Kareem	OK
86	Q1928-04	MH-Q	SAM	05/05/25 20:36		Kareem	OK
87	Q1929-03	WC-A4-02-C	SAM	05/05/25 20:41		Kareem	OK
88	Q1929-07	WC-A1-03-C	SAM	05/05/25 20:45		Kareem	OK
89	Q1929-11	WC-A1-04-C	SAM	05/05/25 20:50		Kareem	OK
90	Q1932-02	COMP-4	SAM	05/05/25 20:54		Kareem	OK
91	Q1932-04	COMP-5	SAM	05/05/25 20:59		Kareem	OK
92	Q1932-06	COMP-6	SAM	05/05/25 21:03		Kareem	OK
93	CCV08	CCV08	CCV	05/05/25 21:07		Kareem	OK
94	CCB08	CCB08	CCB	05/05/25 21:12		Kareem	OK
95	Q1932-08	COMP-7	SAM	05/05/25 21:16		Kareem	OK
96	Q1935-04	MH-NN	SAM	05/05/25 21:20		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135674

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Supervise By	jaswal	Supervise On	5/7/2025 1:30:24 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	
LCS Standard	
Chk Standard	MP85557,MP85558

97	Q1935-08	MH-MM	SAM	05/05/25 21:25		Kareem	OK
98	Q1935-08DUP	MH-MMDUP	DUP	05/05/25 21:29		Kareem	OK
99	Q1935-08L	MH-MML	SD	05/05/25 21:34		Kareem	OK
100	Q1935-08MS	MH-MMMS	MS	05/05/25 21:38		Kareem	OK
101	Q1935-08MSD	MH-MMMSD	MSD	05/05/25 21:42		Kareem	OK
102	Q1935-08A	MH-MMA	PS	05/05/25 21:46		Kareem	OK
103	Q1945-01	GB1W	SAM	05/05/25 21:51	Zn high	Kareem	Dilution
104	Q1956-07	FB-05022025	SAM	05/05/25 21:55		Kareem	OK
105	CCV09	CCV09	CCV	05/05/25 21:59		Kareem	OK
106	CCB09	CCB09	CCB	05/05/25 22:03		Kareem	OK
107	Q1930-01	WATER-TREATMENT	SAM	05/05/25 22:08		Kareem	OK
108	Q1930-01DUP	WATER-TREATMENT	DUP	05/05/25 22:12		Kareem	OK
109	Q1930-01L	WATER-TREATMENT	SD	05/05/25 22:16		Kareem	OK
110	Q1930-01MS	WATER-TREATMENT	MS	05/05/25 22:21		Kareem	OK
111	Q1930-01MSD	WATER-TREATMENT	MSD	05/05/25 22:25		Kareem	OK
112	Q1930-01A	WATER-TREATMENT	PS	05/05/25 22:29		Kareem	OK
113	CCV10	CCV10	CCV	05/05/25 22:33		Kareem	OK
114	CCB10	CCB10	CCB	05/05/25 22:37		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135689

Review By	JANVI	Review On	5/7/2025 11:23:01 AM
Supervise By	jaswal	Supervise On	5/7/2025 11:23:43 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	MP85552
LCS Standard	
Chk Standard	MP85557,MP85558

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	05/06/25 13:43		Kareem	OK
2	S1	S1	CAL2	05/06/25 13:48		Kareem	OK
3	S2	S2	CAL3	05/06/25 13:52		Kareem	OK
4	S3	S3	CAL4	05/06/25 13:56		Kareem	OK
5	S4	S4	CAL5	05/06/25 14:01		Kareem	OK
6	S5	S5	CAL6	05/06/25 14:05		Kareem	OK
7	ICV01	ICV01	ICV	05/06/25 14:47		Kareem	OK
8	LLICV01	LLICV01	LLICV	05/06/25 15:22		Kareem	OK
9	ICB01	ICB01	ICB	05/06/25 15:27		Kareem	OK
10	CRI01	CRI01	CRDL	05/06/25 15:31		Kareem	OK
11	ICSA01	ICSA01	ICSA	05/06/25 15:50		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	05/06/25 15:55		Kareem	OK
13	ICSADL	ICSADL	ICSA	05/06/25 15:59		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	05/06/25 16:03		Kareem	OK
15	CCV01	CCV01	CCV	05/06/25 16:29		Kareem	OK
16	CCB01	CCB01	CCB	05/06/25 16:34		Kareem	OK
17	Q1948-01	001-WILLETS-PT-BL	SAM	05/06/25 16:38		Kareem	OK
18	Q1948-02	002-35TH-AVE(APR)	SAM	05/06/25 16:42		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135689

Review By	JANVI	Review On	5/7/2025 11:23:01 AM
Supervise By	jaswal	Supervise On	5/7/2025 11:23:43 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	MP85552
LCS Standard	
Chk Standard	MP85557,MP85558

19	Q1932-01	COMP-4	SAM	05/06/25 16:47		Kareem	OK
20	Q1932-03	COMP-5	SAM	05/06/25 16:51		Kareem	OK
21	Q1932-05	COMP-6	SAM	05/06/25 16:55		Kareem	OK
22	Q1932-07	COMP-7	SAM	05/06/25 16:59		Kareem	OK
23	Q1933-01	OK-01-050125	SAM	05/06/25 17:03		Kareem	OK
24	Q1933-01DUP	OK-01-050125DUP	DUP	05/06/25 17:07		Kareem	OK
25	Q1933-01L	OK-01-050125L	SD	05/06/25 17:11		Kareem	OK
26	CCV02	CCV02	CCV	05/06/25 17:15		Kareem	OK
27	CCB02	CCB02	CCB	05/06/25 17:20		Kareem	OK
28	Q1933-01MS	OK-01-050125MS	MS	05/06/25 17:24		Kareem	OK
29	Q1933-01MSD	OK-01-050125MSD	MSD	05/06/25 17:28		Kareem	OK
30	Q1933-01A	OK-01-050125A	PS	05/06/25 17:32		Kareem	OK
31	Q1913-03	WC-13-S-202504	SAM	05/06/25 17:43		Kareem	OK
32	Q1913-03DUP	WC-13-S-202504DUP	DUP	05/06/25 17:47		Kareem	OK
33	Q1913-03L	WC-13-S-202504L	SD	05/06/25 17:51		Kareem	OK
34	Q1913-03MS	WC-13-S-202504MS	MS	05/06/25 17:56		Kareem	OK
35	Q1913-03MSD	WC-13-S-202504MSD	MSD	05/06/25 18:00		Kareem	OK
36	Q1913-03A	WC-13-S-202504A	PS	05/06/25 18:04		Kareem	OK
37	CCV03	CCV03	CCV	05/06/25 18:08		Kareem	OK
38	CCB03	CCB03	CCB	05/06/25 18:13		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135689

Review By	JANVI	Review On	5/7/2025 11:23:01 AM
Supervise By	jaswal	Supervise On	5/7/2025 11:23:43 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	MP85552
LCS Standard	
Chk Standard	MP85557,MP85558

39	PB167860BL	PB167860BL	MB	05/06/25 18:17		Kareem	OK
40	PB167860BS	PB167860BS	LCS	05/06/25 18:21		Kareem	OK
41	PB167781BL	PB167781BL	MB	05/06/25 18:25		Kareem	OK
42	PB167781BS	PB167781BS	LCS	05/06/25 18:37		Kareem	OK
43	PB167757BL	PB167757BL	MB	05/06/25 18:41		Kareem	OK
44	PB167757BS	PB167757BS	LCS	05/06/25 19:01		Kareem	OK
45	Q1949-01	001-WILLETS-PT-BL	SAM	05/06/25 19:05		Kareem	OK
46	CCV04	CCV04	CCV	05/06/25 19:16		Kareem	OK
47	CCB04	CCB04	CCB	05/06/25 19:20		Kareem	OK
48	Q1949-04	002-35TH-AVE(MAY)	SAM	05/06/25 19:24		Kareem	OK
49	Q1949-04DUP	002-35TH-AVE(MAY)[	DUP	05/06/25 19:29		Kareem	OK
50	Q1949-04L	002-35TH-AVE(MAY)[	SD	05/06/25 19:33		Kareem	OK
51	Q1949-04MS	002-35TH-AVE(MAY)[	MS	05/06/25 19:37		Kareem	OK
52	Q1949-04MSD	002-35TH-AVE(MAY)[	MSD	05/06/25 19:41		Kareem	OK
53	Q1949-04A	002-35TH-AVE(MAY)A	PS	05/06/25 19:45		Kareem	OK
54	Q1939-05	GB3	SAM	05/06/25 19:49	Zn high	Kareem	Dilution
55	Q1935-01	MH-NN	SAM	05/06/25 19:53		Kareem	OK
56	Q1935-05	MH-MM	SAM	05/06/25 19:57		Kareem	OK
57	CCV05	CCV05	CCV	05/06/25 20:01		Kareem	OK
58	CCB05	CCB05	CCB	05/06/25 20:06		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135689

Review By	JANVI	Review On	5/7/2025 11:23:01 AM
Supervise By	jaswal	Supervise On	5/7/2025 11:23:43 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	MP85552
LCS Standard	
Chk Standard	MP85557,MP85558

59	Q1939-01	GB1	SAM	05/06/25 20:10		Kareem	OK
60	Q1939-03	GB2	SAM	05/06/25 20:14		Kareem	OK
61	Q1945-01DL	GB1WDL	SAM	05/06/25 20:18	10x for Zn	Kareem	Confirms
62	Q1946-01	BB-CONCRETE	SAM	05/06/25 20:22		Kareem	OK
63	Q1961-01	EO-01-050525	SAM	05/06/25 20:27		Kareem	OK
64	CCV06	CCV06	CCV	05/06/25 20:31		Kareem	OK
65	CCB06	CCB06	CCB	05/06/25 20:35		Kareem	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB167858

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 05/05/2025 **Time :** 11:05 **Temp :** 96 °C

End Digest Date: 05/05/2025 **Time :** 14:10 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SDG

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6005
LFS-2	0.25	M6016
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP85156
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
05/09/25 15:10	SPS. met.dig	Metals Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB167858

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB167858BL	PBW858	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB167858BS	LCS858	<2	50	25	Colorless	Colorless	Clear	Clear	M6005,M6016	2
Q1930-01MS	WATER-TREATMENT-DISCHA RGEMS	<2	50	25	Colorless	Colorless	Clear	Clear	M6005,M6016	5
Q1930-01MSD	WATER-TREATMENT-DISCHA RGEMSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6005,M6016	6
Q1930-01DUP	WATER-TREATMENT-DISCHA RGEDUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q1930-01	WATER-TREATMENT-DISCHA RGE	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q1944-02	CITY-WATER	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	7
Q1944-03	CHILLER-WATER	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	8
Q1945-01	GB1W	<2	50	25	Brown	light Brown	Clear	Clear	N/A	9
Q1956-07	FB-05022025	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	10

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB167866

SOP ID : M7470A-Mercury-19

SDG No : NA

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 05/05/2025 **Time :** 07:20 **Temp :** 93 °C

End Digest Date: 05/05/2025 **Time :** 09:20 **Temp :** 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: 12

Temp : 1. 93°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85536
CCV	30mL	MP85538
CRA	30mL	MP85540
Blank Spike	0.48mL	MP85529
Matrix Spike	0.48mL	MP85529

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.5mL	MP85240
KMnO4 (5%)	4.5mL	MP85241
K2S2O8 (5%)	2.5mL	MP85242
Hydroxylamine HCL (12%)	2.0mL	MP85243
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP85530
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85531
2.5 ppb	S2.5	30mL	MP85532
5.0 ppb	S5.0	30mL	MP85533
7.5 ppb	S7.5	30mL	MP85534
10.0 ppb	S10.0	30mL	MP85535
ICV	ICV	30mL	MP85536
ICB	ICB	30mL	MP85537
CCV	CCV	30mL	MP85538
CCB	CCB	30mL	MP85539
CRI	CRI	30mL	MP85540
CHK STD	CHK STD	30mL	MP85541

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/5/25 @ 10:15	MB – DIG LAB	MB – [illegible]
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB167866

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB167866BL	PBW866	30	30	<2	N/A	3-37
PB167866BS	LCS866	30	30	<2	MP85529	38
Q1944-02	CITY-WATER	30	30	<2	N/A	39
Q1944-03	CHILLER-WATER	30	30	<2	N/A	40
Q1945-01	GB1W	30	30	<2	N/A	41
Q1945-01DUP	GB1WDUP	30	30	<2	N/A	42
Q1945-01MS	GB1WMS	30	30	<2	MP85529	43
Q1945-01MSD	GB1WMSD	30	30	<2	MP85529	44
Q1956-07	FB-05022025	30	30	<2	N/A	45

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q1945
COC Number 2047008

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: G Environmental
ADDRESS: 8 Carriage
CITY: Succasunna STATE: NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Amsterdam
PROJECT NO.: LOCATION:
PROJECT MANAGER: BL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: GEEP Inc PO#:
ADDRESS: 8 Carriage
CITY Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE) Standard DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) X ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other Excel, PDF
X EDD FORMAT NJSRP DEP Haz Site

ANALYSIS

1: TCL VOCs 2: BNAs, Amls 3: Tal Metals

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								HCl		HNO3							← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	GB1W	GW		X	5/2/25	0910	5	X	X	X							pH 1-3
2.	GB3W	GW		X	5/2/25	0930	4	X	X								
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY
1.	5/2/25 1000	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2-3* °C
Comments: BNHS + Amls

Page ____ of
CLIENT: ☐ Hand Delivered ☐ Other
Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1945 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 5/2/2025 11:14:00 AM
Project Name : Amsterdam
Receive DateTime : 5/2/2025 10:00:00 AM
Purchase Order :

Project Mgr :
Report Type : ~~Level I~~ NJ Reduced
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1945-01	GB1W	Water	05/02/2025	09:10					
					VOCMS Group1		8260-Low		10 Bus. Days
Q1945-02	GB3W	Water	05/02/2025	09:30					
					VOCMS Group1		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 5/2/25 1210

Received By :
Date / Time : 5/2/25 1210

Storage Area : VOA Refridgerator Room