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

DATA PACKAGE

VOLATILE ORGANICS
SEMI-VOLATILE ORGANICS

PROJECT NAME : POWER

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q1331

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q1331

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : CHEMTECH

Client : G Environmental

Project Location : Newark, NJ

Project Number : - Power

Laboratory Sample ID(s) : Q1331

Sampling Date(s) : 2/06/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **8260-Low,8270E,SOP**

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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Cover Page

Order ID : Q1331

Project ID : Power

Client : G Environmental

Lab Sample Number	Client Sample Number
Q1331-01	MW1R

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 11:17 am, Feb 21, 2025

Date: 2/20/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

G Environmental
Project Name: Power
Project # N/A
Chemtech Project # Q1331
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
1 Water sample was received on 02/07/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 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 for {VN0210WBSD01} with File ID: VN085733.D met criteria except for 1,2,4-Trichlorobenzene[22%], Bromochloromethane[32%] and Isopropylbenzene[21%], these compounds did not meet the NJDKQP criteria and in-house criteria due to difference in results of BS and BSD.

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 File ID VN085718.D met the requirements except for m/p-Xylenes,o-Xylene and Styrene, are failing high but associated samples having hit below CRQL ;therefore no corrective action was taken.

The Tuning criteria met requirements.

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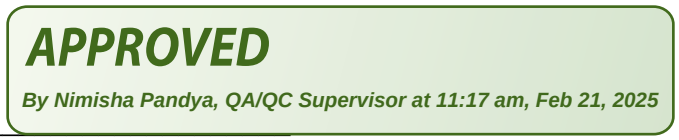
E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.
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: Power
Project # N/A
Chemtech Project # Q1331
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
1 Water sample was received on 02/07/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df The analysis of SVOC-TCL BNA -20 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 except for MW1R, MW1RDL Due to high concentration of compounds and Internal Standard fail for this sample, Therefore, sample was reanalyzed with dilution and reported.

The Retention Times were acceptable for all samples.
The RPD met criteria .

The Blank Spike for {PB166641BS} with File ID: BF141555.D met requirements for all samples except for 3,3-Dichlorobenzidine[59%], 3-Nitroaniline[54%] and 4-Chloroaniline[48%], The associate samples have no positive hit for these compounds therefore no corrective action was taken.

The Blank Spike Duplicate for {PB166641BSD} with File ID: BF141556.D met requirements for all samples except for 3,3-Dichlorobenzidine[58%], 3-Nitroaniline[53%] and 4-Chloroaniline[46%], The associate samples have no positive hit for these compounds therefore no corrective action was taken.
.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements

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The Continuous Calibration File ID BF141603.D met the requirements except for Benzaldehyde, The associate samples have no positive hit for these compounds therefore no corrective action was taken.

The Continuous Calibration File ID BF141639.D met the requirements except for Benzaldehyde,Bis(2-ethylhexyl)phthalate and Di-n-octyl phthalate, The associate samples have no positive hit for these compounds therefore no corrective action was taken.

The Tuning criteria met requirements.

Sample MW1R was diluted due to high concentration.

E. Additional Comments:
The time of sampling were not listed in the COC.
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 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 <15% 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 > 15% 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 11:18 am, Feb 21, 2025

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

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 #: Q1331

	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:** 02/20/2025

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Hit Summary Sheet
SW-846

SDG No.: Q1331

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW1R**								
Q1331-01	MW1R	Water	Acetone		9.50		1.40	5.00	ug/L
Q1331-01	MW1R	Water	2-Butanone		1.70	J	1.30	5.00	ug/L
Q1331-01	MW1R	Water	Ethyl Benzene		0.25	J	0.16	1.00	ug/L
Q1331-01	MW1R	Water	m/p-Xylenes		0.64	J	0.31	2.00	ug/L
Q1331-01	MW1R	Water	o-Xylene		0.25	J	0.14	1.00	ug/L
Q1331-01	MW1R	Water	Isopropylbenzene		2.40		0.13	1.00	ug/L
			Total Voc :		14.7				
Q1331-01	MW1R	Water	1(2H)-Naphthalenone, 3,4-dihy	*	56.0	J	0	0	ug/L
Q1331-01	MW1R	Water	1H-Indene, 2,3-dihydro-4-meth	*	140	J	0	0	ug/L
Q1331-01	MW1R	Water	Naphthalene, 1,2,3,4-tetrahydrc	*	77.9	J	0	0	ug/L
Q1331-01	MW1R	Water	Naphthalene, 1,2,3,4-tetrahydrc	*	68.7	J	0	0	ug/L
Q1331-01	MW1R	Water	Naphthalene, 1,2,3,4-tetrahydrc	*	38.0	J	0	0	ug/L
Q1331-01	MW1R	Water	Naphthalene, 1,2,3,4-tetrahydrc	*	35.8	J	0	0	ug/L
Q1331-01	MW1R	Water	1H-Indene, 2,3-dihydro-1,1-din	*	53.8	J	0	0	ug/L
Q1331-01	MW1R	Water	1H-Indene, 2,3-dihydro-4,7-din	*	35.3	J	0	0	ug/L
Q1331-01	MW1R	Water	Benzene, 1-ethenyl-3-ethyl-	*	55.8	J	0	0	ug/L
Q1331-01	MW1R	Water	Benzene, (2-methyl-1-butenyl)-	*	42.0	J	0	0	ug/L
Q1331-01	MW1R	Water	n-propylbenzene	*	0.55	J	0.14	1.00	ug/L
Q1331-01	MW1R	Water	1,2,4-Trimethylbenzene	*	0.74	J	0.18	1.00	ug/L
Q1331-01	MW1R	Water	sec-Butylbenzene	*	3.50	J	0.17	1.00	ug/L
Q1331-01	MW1R	Water	n-Butylbenzene	*	3.20	J	0.22	1.00	ug/L
			Total Tics :		611				
			Total Concentration:		626				

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1R	SDG No.:	Q1331
Lab Sample ID:	Q1331-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085732.D	1		02/10/25 18:35	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	9.50		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	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	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.70	J	1.30	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	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1R	SDG No.:	Q1331
Lab Sample ID:	Q1331-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085732.D	1		02/10/25 18:35	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	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	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.25	J	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.64	J	0.31	2.00	ug/L
95-47-6	o-Xylene	0.25	J	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	2.40		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.6		70 (74) - 130 (125)	99%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	49.2		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.1		70 (77) - 130 (121)	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	228000	8.224			
540-36-3	1,4-Difluorobenzene	425000	9.1			
3114-55-4	Chlorobenzene-d5	364000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	158000	13.788			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1R	SDG No.:	Q1331
Lab Sample ID:	Q1331-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085732.D	1		02/10/25 18:35	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
103-65-1	n-propylbenzene	0.55	J		13.0	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.74	J		13.5	ug/L
135-98-8	sec-Butylbenzene	3.50	J		13.6	ug/L
104-51-8	n-Butylbenzene	3.20	J		14.1	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	55.8	J		14.4	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	140	J		15.0	ug/L
056253-64-6	Benzene, (2-methyl-1-butenyl)-	42.0	J		15.3	ug/L
004912-92-9	1H-Indene, 2,3-dihydro-1,1-dimethy	53.8	J		15.4	ug/L
003877-19-8	Naphthalene, 1,2,3,4-tetrahydro-2-	38.0	J		15.7	ug/L
001559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-	77.9	J		15.8	ug/L
000529-34-0	1(2H)-Naphthalenone, 3,4-dihydro-	56.0	J		16.2	ug/L
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	35.3	J		16.3	ug/L
001680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-	68.7	J		16.5	ug/L
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	35.8	J		16.7	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.: Q1331

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1331-01	MW1R	1,2-Dichloroethane-d4	50	49.6	99	70 (74)	130 (125)
		Dibromofluoromethane	50	51.3	103	70 (75)	130 (124)
		Toluene-d8	50	49.2	98	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.1	96	70 (77)	130 (121)
VN0210WBL01	VN0210WBL01	1,2-Dichloroethane-d4	50	47.8	96	70 (74)	130 (125)
		Dibromofluoromethane	50	50.2	100	70 (75)	130 (124)
		Toluene-d8	50	48.3	97	70 (86)	130 (113)
		4-Bromofluorobenzene	50	44.2	88	70 (77)	130 (121)
VN0210WBS01	VN0210WBS01	1,2-Dichloroethane-d4	50	39.3	79	70 (74)	130 (125)
		Dibromofluoromethane	50	44.5	89	70 (75)	130 (124)
		Toluene-d8	50	44.5	89	70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.6	93	70 (77)	130 (121)
VN0210WBSD0	VN0210WBSD01	1,2-Dichloroethane-d4	50	49.9	100	70 (74)	130 (125)
		Dibromofluoromethane	50	54.4	109	70 (75)	130 (124)
		Toluene-d8	50	54.6	109	70 (86)	130 (113)
		4-Bromofluorobenzene	50	57.5	115	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1331

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN085721.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0210WBS01	Dichlorodifluoromethane	20	20.4	ug/L	102			40 (69)	160 (116)	
	Chloromethane	20	17.7	ug/L	89			40 (65)	160 (116)	
	Vinyl chloride	20	18.8	ug/L	94			70 (65)	130 (117)	
	Bromomethane	20	18.5	ug/L	93			40 (58)	160 (125)	
	Chloroethane	20	18.0	ug/L	90			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.0	ug/L	90			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.7	ug/L	94			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.9	ug/L	95			70 (74)	130 (110)	
	Acetone	100	78.6	ug/L	79			40 (60)	160 (125)	
	Carbon disulfide	20	18.0	ug/L	90			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	17.9	ug/L	90			70 (78)	130 (114)	
	Methyl Acetate	20	15.7	ug/L	79			70 (67)	130 (125)	
	Methylene Chloride	20	18.2	ug/L	91			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.5	ug/L	93			70 (75)	130 (108)	
	1,1-Dichloroethane	20	17.2	ug/L	86			70 (78)	130 (112)	
	Cyclohexane	20	16.6	ug/L	83			70 (75)	130 (110)	
	2-Butanone	100	78.5	ug/L	79			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.0	ug/L	90			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	17.8	ug/L	89			70 (77)	130 (110)	
	Bromochloromethane	20	16.3	ug/L	81			70 (70)	130 (124)	
	Chloroform	20	17.4	ug/L	87			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	17.5	ug/L	88			70 (80)	130 (108)	
	Methylcyclohexane	20	18.5	ug/L	93			70 (72)	130 (115)	
	Benzene	20	18.3	ug/L	92			70 (82)	130 (109)	
	1,2-Dichloroethane	20	16.5	ug/L	83			70 (80)	130 (115)	
	Trichloroethene	20	18.5	ug/L	93			70 (77)	130 (113)	
	1,2-Dichloropropane	20	17.2	ug/L	86			70 (83)	130 (111)	
	Bromodichloromethane	20	17.7	ug/L	89			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	81.4	ug/L	81			40 (74)	160 (118)	
	Toluene	20	19.4	ug/L	97			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	17.9	ug/L	90			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	18.3	ug/L	92			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	18.3	ug/L	92			70 (83)	130 (112)	
	2-Hexanone	100	82.2	ug/L	82			40 (73)	160 (117)	
	Dibromochloromethane	20	18.1	ug/L	91			70 (82)	130 (110)	
	1,2-Dibromoethane	20	18.2	ug/L	91			70 (81)	130 (110)	
	Tetrachloroethene	20	19.7	ug/L	99			70 (67)	130 (123)	
	Chlorobenzene	20	18.6	ug/L	93			70 (82)	130 (109)	
	Ethyl Benzene	20	18.7	ug/L	94			70 (83)	130 (109)	
	m/p-Xylenes	40	40.0	ug/L	100			70 (82)	130 (110)	
	o-Xylene	20	19.3	ug/L	97			70 (83)	130 (109)	
	Styrene	20	19.7	ug/L	99			70 (80)	130 (111)	
	Bromoform	20	19.1	ug/L	96			70 (79)	130 (109)	
	Isopropylbenzene	20	18.6	ug/L	93			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	16.9	ug/L	85			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.5	ug/L	93			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	17.6	ug/L	88			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	17.8	ug/L	89			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1331

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN085721.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0210WBS01	1,2-Dibromo-3-Chloropropane	20	17.2	ug/L	86			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	17.4	ug/L	87			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	17.2	ug/L	86			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1331

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN085733.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0210WBSD01	Dichlorodifluoromethane	20	22.3	ug/L	112	9		40 (69)	160 (116)	20 (20)
	Chloromethane	20	20.4	ug/L	102	14		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	21.6	ug/L	108	14		70 (65)	130 (117)	20 (20)
	Bromomethane	20	20.7	ug/L	104	11		40 (58)	160 (125)	20 (20)
	Chloroethane	20	21.1	ug/L	106	16		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	20.6	ug/L	103	13		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	20.8	ug/L	104	10		70 (80)	130 (112)	20 (20)
	1,1-Dichloroethene	20	21.8	ug/L	109	14		70 (74)	130 (110)	20 (20)
	Acetone	100	91.9	ug/L	92	15		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	20.1	ug/L	101	12		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	21.2	ug/L	106	16		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	19.2	ug/L	96	19		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	20.8	ug/L	104	13		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	21.3	ug/L	106	13		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	19.9	ug/L	100	15		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	18.3	ug/L	92	10		70 (75)	130 (110)	20 (20)
	2-Butanone	100	95.2	ug/L	95	18		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	20.3	ug/L	102	13		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	21.0	ug/L	105	16		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	22.4	ug/L	112	32	*	70 (70)	130 (124)	20 (20)
	Chloroform	20	19.9	ug/L	100	14		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	20.7	ug/L	104	17		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	20.1	ug/L	101	8		70 (72)	130 (115)	20 (20)
	Benzene	20	21.1	ug/L	106	14		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	19.5	ug/L	98	17		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	20.8	ug/L	104	11		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	19.6	ug/L	98	13		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	20.3	ug/L	102	14		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	98.7	ug/L	99	20		40 (74)	160 (118)	20 (20)
	Toluene	20	22.1	ug/L	111	13		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	20.7	ug/L	104	14		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	21.1	ug/L	106	14		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	21.3	ug/L	106	14		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	100	ug/L	100	20		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	21.1	ug/L	106	15		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	21.2	ug/L	106	15		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	21.3	ug/L	106	7		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	20.8	ug/L	104	11		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	21.8	ug/L	109	15		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	45.3	ug/L	113	12		70 (82)	130 (110)	20 (20)
	o-Xylene	20	23.0	ug/L	115	17		70 (83)	130 (109)	20 (20)
	Styrene	20	22.7	ug/L	114	14		70 (80)	130 (111)	20 (20)
	Bromoform	20	22.1	ug/L	111	14		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	23.0	ug/L	115	21	*	70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	20.8	ug/L	104	20		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	21.5	ug/L	108	15		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	19.9	ug/L	100	13		70 (82)	130 (107)	20 (20)
	1,2-Dichlorobenzene	20	21.1	ug/L	106	17		70 (82)	130 (109)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1331

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN085733.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0210WBSD01	1,2-Dibromo-3-Chloropropane	20	20.8	ug/L	104	19		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	21.8	ug/L	109	22	*	70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	20.9	ug/L	104	19		70 (76)	130 (114)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0210WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG NO.: Q1331

Lab File ID: VN085720.D Lab Sample ID: VN0210WBL01

Date Analyzed: 02/10/2025 Time Analyzed: 13:12

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0210WBS01	VN0210WBS01	VN085721.D	02/10/2025
MW1R	Q1331-01	VN085732.D	02/10/2025
VN0210WBSD01	VN0210WBSD01	VN085733.D	02/10/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG NO.: Q1331

Lab File ID: VN085437.D BFB Injection Date: 01/14/2025

Instrument ID: MSVOA_N BFB Injection Time: 14:22

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.3
75	30.0 - 60.0% of mass 95	58
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.8
173	Less than 2.0% of mass 174	1.4 (1.8) 1
174	50.0 - 100.0% of mass 95	76
175	5.0 - 9.0% of mass 174	5.4 (7.1) 1
176	95.0 - 101.0% of mass 174	74.1 (97.4) 1
177	5.0 - 9.0% of mass 176	4.9 (6.7) 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
VSTDICC100	VSTDICC100	VN085438.D	01/14/2025	14:56
VSTDICCC050	VSTDICCC050	VN085439.D	01/14/2025	15:19
VSTDICC020	VSTDICC020	VN085440.D	01/14/2025	15:43
VSTDICC010	VSTDICC010	VN085441.D	01/14/2025	16:07
VSTDICC005	VSTDICC005	VN085442.D	01/14/2025	16:31
VSTDICC001	VSTDICC001	VN085443.D	01/14/2025	17:19

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG NO.: Q1331

Lab File ID: VN085717.D BFB Injection Date: 02/10/2025

Instrument ID: MSVOA_N BFB Injection Time: 09:49

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.7
75	30.0 - 60.0% of mass 95	52.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	5.4
173	Less than 2.0% of mass 174	1.1 (1.4) 1
174	50.0 - 100.0% of mass 95	78.9
175	5.0 - 9.0% of mass 174	5.5 (6.9) 1
176	95.0 - 101.0% of mass 174	76.2 (96.6) 1
177	5.0 - 9.0% of mass 176	4.5 (6) 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	VN085718.D	02/10/2025	12:12
VN0210WBL01	VN0210WBL01	VN085720.D	02/10/2025	13:12
VN0210WBS01	VN0210WBS01	VN085721.D	02/10/2025	14:12
MW1R	Q1331-01	VN085732.D	02/10/2025	18:35
VN0210WBSD01	VN0210WBSD01	VN085733.D	02/10/2025	18:59

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG NO.: Q1331

Lab File ID: VN085718.D Date Analyzed: 02/10/2025

Instrument ID: MSVOA_N Time Analyzed: 12:12

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	241607	8.22	411898	9.09	357680	11.87
UPPER LIMIT	483214	8.718	823796	9.594	715360	12.365
LOWER LIMIT	120804	7.718	205949	8.594	178840	11.365
EPA SAMPLE NO.						
MW1R	227906	8.22	425293	9.10	364425	11.87
VN0210WBL01	252400	8.22	469407	9.10	394938	11.87
VN0210WBS01	320498	8.22	543900	9.10	477598	11.87
VN0210WBSD01	231142	8.22	403589	9.10	358601	11.87

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.: Q1331 SAS No.: Q1331 SDG NO.: Q1331

Lab File ID: VN085718.D Date Analyzed: 02/10/2025

Instrument ID: MSVOA_N Time Analyzed: 12:12

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	178725	13.788				
UPPER LIMIT	357450	14.288				
LOWER LIMIT	89362.5	13.288				
EPA SAMPLE NO.						
MW1R	157983	13.79				
VN0210WBL01	156176	13.79				
VN0210WBS01	232853	13.79				
VN0210WBSD01	166903	13.79				

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

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:	
Project:	Power	Date Received:	
Client Sample ID:	VN0210WBL01	SDG No.:	Q1331
Lab Sample ID:	VN0210WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085720.D	1		02/10/25 13:12	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	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	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	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	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	VN0210WBL01	SDG No.:	Q1331
Lab Sample ID:	VN0210WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085720.D	1		02/10/25 13:12	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	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	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.8		70 (74) - 130 (125)	96%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	48.3		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.2		70 (77) - 130 (121)	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	252000	8.224			
540-36-3	1,4-Difluorobenzene	469000	9.1			
3114-55-4	Chlorobenzene-d5	395000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	156000	13.788			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	VN0210WBL01	SDG No.:	Q1331
Lab Sample ID:	VN0210WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085720.D	1		02/10/25 13:12	VN021025

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:	Power	Date Received:	
Client Sample ID:	VN0210WBS01	SDG No.:	Q1331
Lab Sample ID:	VN0210WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085721.D	1		02/10/25 14:12	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.4		0.21	1.00	ug/L
74-87-3	Chloromethane	17.7		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	18.8		0.34	1.00	ug/L
74-83-9	Bromomethane	18.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.0		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.0		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.7		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.9		0.26	1.00	ug/L
67-64-1	Acetone	78.6		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	18.0		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	15.7		0.60	1.00	ug/L
75-09-2	Methylene Chloride	18.2		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.5		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.2		0.23	1.00	ug/L
110-82-7	Cyclohexane	16.6		1.60	5.00	ug/L
78-93-3	2-Butanone	78.5		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.0		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.8		0.25	1.00	ug/L
74-97-5	Bromochloromethane	16.3		0.18	1.00	ug/L
67-66-3	Chloroform	17.4		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.5		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	18.5		0.19	1.00	ug/L
71-43-2	Benzene	18.3		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	16.5		0.24	1.00	ug/L
79-01-6	Trichloroethene	18.5		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	17.2		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	17.7		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	81.4		0.75	5.00	ug/L
108-88-3	Toluene	19.4		0.18	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	VN0210WBS01	SDG No.:	Q1331
Lab Sample ID:	VN0210WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085721.D	1		02/10/25 14:12	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	17.9		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.3		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.3		0.21	1.00	ug/L
591-78-6	2-Hexanone	82.2		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	18.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.2		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	19.7		0.25	1.00	ug/L
108-90-7	Chlorobenzene	18.6		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	18.7		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	40.0		0.31	2.00	ug/L
95-47-6	o-Xylene	19.3		0.14	1.00	ug/L
100-42-5	Styrene	19.7		0.16	1.00	ug/L
75-25-2	Bromoform	19.1		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	18.6		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	16.9		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.5		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.6		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.8		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.2		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.4		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.2		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	39.3		70 (74) - 130 (125)	79%	SPK: 50
1868-53-7	Dibromofluoromethane	44.5		70 (75) - 130 (124)	89%	SPK: 50
2037-26-5	Toluene-d8	44.6		70 (86) - 130 (113)	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.6		70 (77) - 130 (121)	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	320000	8.224			
540-36-3	1,4-Difluorobenzene	544000	9.1			
3114-55-4	Chlorobenzene-d5	478000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	233000	13.788			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	VN0210WBS01	SDG No.:	Q1331
Lab Sample ID:	VN0210WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085721.D	1		02/10/25 14:12	VN021025

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:	Power	Date Received:	
Client Sample ID:	VN0210WBSD01	SDG No.:	Q1331
Lab Sample ID:	VN0210WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085733.D	1		02/10/25 18:59	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	22.3		0.21	1.00	ug/L
74-87-3	Chloromethane	20.4		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	21.6		0.34	1.00	ug/L
74-83-9	Bromomethane	20.7		1.40	5.00	ug/L
75-00-3	Chloroethane	21.1		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	20.6		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.8		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	21.8		0.26	1.00	ug/L
67-64-1	Acetone	91.9		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	20.1		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.2		0.60	1.00	ug/L
75-09-2	Methylene Chloride	20.8		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	21.3		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.9		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.3		1.60	5.00	ug/L
78-93-3	2-Butanone	95.2		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.3		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	21.0		0.25	1.00	ug/L
74-97-5	Bromochloromethane	22.4		0.18	1.00	ug/L
67-66-3	Chloroform	19.9		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.7		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	20.1		0.19	1.00	ug/L
71-43-2	Benzene	21.1		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.5		0.24	1.00	ug/L
79-01-6	Trichloroethene	20.8		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.6		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	20.3		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	98.7		0.75	5.00	ug/L
108-88-3	Toluene	22.1		0.18	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	VN0210WBSD01	SDG No.:	Q1331
Lab Sample ID:	VN0210WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085733.D	1		02/10/25 18:59	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.7		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.1		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.3		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	21.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.2		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	21.3		0.25	1.00	ug/L
108-90-7	Chlorobenzene	20.8		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	21.8		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	45.3		0.31	2.00	ug/L
95-47-6	o-Xylene	23.0		0.14	1.00	ug/L
100-42-5	Styrene	22.7		0.16	1.00	ug/L
75-25-2	Bromoform	22.1		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	23.0		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.8		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	21.5		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.9		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.1		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.8		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	21.8		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.9		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.9		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	54.4		70 (75) - 130 (124)	109%	SPK: 50
2037-26-5	Toluene-d8	54.6		70 (86) - 130 (113)	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.5		70 (77) - 130 (121)	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	231000	8.224			
540-36-3	1,4-Difluorobenzene	404000	9.1			
3114-55-4	Chlorobenzene-d5	359000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	167000	13.788			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	VN0210WBSD01	SDG No.:	Q1331
Lab Sample ID:	VN0210WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085733.D	1		02/10/25 18:59	VN021025

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG No.: Q1331

Instrument ID: MSVOA_N Calibration Date(s): 01/14/2025 01/14/2025

Heated Purge: (Y/N) N Calibration Time(s): 14:56 17:19

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF100 = VN085438.D RRF050 = VN085439.D RRF020 = VN085440.D
RRF010 = VN085441.D RRF005 = VN085442.D RRF001 = VN085443.D

COMPOUND	RRF100	RRF050	RRF020	RRF010	RRF005	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.664	0.629	0.681	0.667	0.708	0.714	0.677	4.6
Chloromethane	0.680	0.680	0.727	0.693	0.779	0.839	0.733	8.8
Vinyl Chloride	0.697	0.686	0.727	0.711	0.781	0.819	0.737	7.1
Bromomethane	0.392	0.417	0.454	0.437	0.525		0.445	11.3
Chloroethane	0.435	0.424	0.468	0.429	0.505	0.542	0.467	10.3
Trichlorofluoromethane	1.046	0.997	1.097	1.040	1.077	1.157	1.069	5.1
1,1,2-Trichlorotrifluoroethane	0.590	0.542	0.609	0.587	0.639	0.646	0.602	6.4
1,1-Dichloroethene	0.548	0.533	0.556	0.526	0.559	0.497	0.537	4.3
Acetone	0.238	0.252	0.252	0.247	0.269	0.306	0.261	9.3
Carbon Disulfide	1.555	1.477	1.647	1.537	1.719	1.978	1.652	11
Methyl tert-butyl Ether	1.834	1.873	1.853	1.664	1.685	1.545	1.742	7.5
Methyl Acetate	0.751	0.790	0.758	0.779	0.810	0.871	0.793	5.5
Methylene Chloride	0.629	0.629	0.658	0.606	0.696	0.656	0.646	4.9
trans-1,2-Dichloroethene	0.571	0.555	0.574	0.539	0.569	0.632	0.573	5.5
1,1-Dichloroethane	1.164	1.170	1.206	1.100	1.226	1.204	1.178	3.8
Cyclohexane	0.984	0.881	1.033	1.026	1.198		1.024	11.2
2-Butanone	0.378	0.390	0.398	0.363	0.387	0.386	0.384	3.1
Carbon Tetrachloride	0.574	0.530	0.579	0.529	0.565	0.567	0.557	4
cis-1,2-Dichloroethene	0.691	0.683	0.715	0.639	0.669	0.655	0.675	4
Bromochloromethane	0.530	0.542	0.513	0.486	0.595	0.624	0.548	9.4
Chloroform	1.197	1.175	1.241	1.169	1.253	1.273	1.218	3.6
1,1,1-Trichloroethane	1.053	1.016	1.091	1.000	1.148	1.102	1.068	5.2
Methylcyclohexane	0.564	0.463	0.477	0.407	0.437	0.397	0.457	13.3
Benzene	1.551	1.449	1.527	1.376	1.474	1.400	1.463	4.7
1,2-Dichloroethane	0.569	0.547	0.575	0.522	0.574	0.517	0.551	4.8
Trichloroethene	0.362	0.324	0.352	0.310	0.343	0.352	0.341	5.8
1,2-Dichloropropane	0.390	0.371	0.388	0.334	0.388	0.371	0.374	5.7
Bromodichloromethane	0.590	0.559	0.579	0.514	0.569	0.484	0.549	7.5
4-Methyl-2-Pentanone	0.499	0.492	0.495	0.432	0.443	0.380	0.457	10.3
Toluene	0.964	0.870	0.919	0.808	0.835	0.690	0.848	11.3

* 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.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG No.: Q1331

Instrument ID: MSVOA_N Calibration Date(s): 01/14/2025 01/14/2025

Heated Purge: (Y/N) N Calibration Time(s): 14:56 17:19

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF100 = VN085438.D RRF050 = VN085439.D RRF020 = VN085440.D
RRF010 = VN085441.D RRF005 = VN085442.D RRF001 = VN085443.D

COMPOUND	RRF100	RRF050	RRF020	RRF010	RRF005	RRF001	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.594	0.551	0.544	0.481	0.527	0.416	0.519	12
cis-1,3-Dichloropropene	0.623	0.588	0.601	0.527	0.538	0.450	0.554	11.4
1,1,2-Trichloroethane	0.348	0.340	0.353	0.309	0.349	0.314	0.335	5.7
2-Hexanone	0.358	0.357	0.353	0.298	0.302	0.261	0.321	12.6
Dibromochloromethane	0.430	0.414	0.412	0.368	0.420	0.386	0.405	5.8
1,2-Dibromoethane	0.349	0.334	0.356	0.309	0.321	0.334	0.334	5.2
Tetrachloroethene	0.351	0.322	0.365	0.338	0.346	0.323	0.341	4.9
Chlorobenzene	1.133	1.076	1.154	1.047	1.110	1.051	1.095	4
Ethyl Benzene	2.072	1.867	1.940	1.685	1.709	1.430	1.784	12.7
m/p-Xylenes	0.775	0.707	0.750	0.615	0.616	0.492	0.659	16
o-Xylene	0.738	0.681	0.713	0.584	0.582	0.482	0.630	15.5
Styrene	1.271	1.173	1.186	0.956	0.929	0.742	1.043	19.2
Bromoform	0.311	0.311	0.312	0.273	0.284	0.235	0.288	10.6
Isopropylbenzene	3.922	3.448	3.681	3.272	3.157	2.766	3.375	12.1
1,1,2,2-Tetrachloroethane	1.121	1.145	1.187	1.157	1.228	1.314	1.192	5.9
1,3-Dichlorobenzene	1.720	1.565	1.701	1.574	1.656	1.526	1.624	4.9
1,4-Dichlorobenzene	1.706	1.562	1.713	1.607	1.743	1.767	1.683	4.8
1,2-Dichlorobenzene	1.611	1.555	1.654	1.532	1.600	1.766	1.620	5.2
1,2-Dibromo-3-Chloropropane	0.218	0.222	0.224	0.212	0.228	0.202	0.218	4.3
1,2,4-Trichlorobenzene	0.858	0.781	0.799	0.704	0.717	0.658	0.753	9.7
1,2,3-Trichlorobenzene	0.817	0.786	0.792	0.732	0.693	0.750	0.762	6
1,2-Dichloroethane-d4	0.774	0.831	0.754	0.762	0.914		0.807	8.3
Dibromofluoromethane	0.359	0.358	0.335	0.310	0.373		0.347	7.1
Toluene-d8	1.339	1.267	1.207	1.076	1.274		1.232	8.1
4-Bromofluorobenzene	0.475	0.449	0.410	0.357	0.417		0.422	10.6

* 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.

Alliance TECHNICAL GROUP
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.: Q1331 SAS No.: Q1331 SDG No.: Q1331

Instrument ID: MSVOA_N Calibration Date/Time: 02/10/2025 12:12

Lab File ID: VN085718.D Init. Calib. Date(s): 01/14/2025 01/14/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 14:56 17:19

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.677	0.796		17.58	20
Chloromethane	0.733	0.752	0.1	2.59	20
Vinyl Chloride	0.737	0.810		9.9	20
Bromomethane	0.445	0.505		13.48	20
Chloroethane	0.467	0.493		5.57	20
Trichlorofluoromethane	1.069	1.121		4.86	20
1,1,2-Trichlorotrifluoroethane	0.602	0.644		6.98	20
1,1-Dichloroethene	0.537	0.606		12.85	20
Acetone	0.261	0.229		-12.26	20
Carbon Disulfide	1.652	1.770		7.14	20
Methyl tert-butyl Ether	1.742	1.949		11.88	20
Methyl Acetate	0.793	0.732		-7.69	20
Methylene Chloride	0.646	0.682		5.57	20
trans-1,2-Dichloroethene	0.573	0.644		12.39	20
1,1-Dichloroethane	1.178	1.205	0.1	2.29	20
Cyclohexane	1.024	0.971		-5.18	20
2-Butanone	0.384	0.363		-5.47	20
Carbon Tetrachloride	0.557	0.585		5.03	20
cis-1,2-Dichloroethene	0.675	0.757		12.15	20
Bromochloromethane	0.548	0.459		-16.24	20
Chloroform	1.218	1.237		1.56	20
1,1,1-Trichloroethane	1.068	1.115		4.4	20
Methylcyclohexane	0.457	0.518		13.35	20
Benzene	1.463	1.580		8	20
1,2-Dichloroethane	0.551	0.537		-2.54	20
Trichloroethene	0.341	0.372		9.09	20
1,2-Dichloropropane	0.374	0.377		0.8	20
Bromodichloromethane	0.549	0.577		5.1	20
4-Methyl-2-Pentanone	0.457	0.447		-2.19	20
Toluene	0.848	0.973		14.74	20
t-1,3-Dichloropropene	0.519	0.582		12.14	20
cis-1,3-Dichloropropene	0.554	0.630		13.72	20
1,1,2-Trichloroethane	0.335	0.362		8.06	20
2-Hexanone	0.321	0.325		1.25	20
Dibromochloromethane	0.405	0.442		9.14	20
1,2-Dibromoethane	0.334	0.351		5.09	20
Tetrachloroethene	0.341	0.392		14.96	20
Chlorobenzene	1.095	1.209	0.3	10.41	20

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

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Instrument ID: MSVOA_N Calibration Date/Time: 02/10/2025 12:12

Lab File ID: VN085718.D Init. Calib. Date(s): 01/14/2025 01/14/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 14:56 17:19

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.784	2.105		17.99	20
m/p-Xylenes	0.659	0.816		23.82	20
o-Xylene	0.630	0.777		23.33	20
Styrene	1.043	1.307		25.31	20
Bromoform	0.288	0.333	0.1	15.63	20
Isopropylbenzene	3.375	3.842		13.84	20
1,1,2,2-Tetrachloroethane	1.192	1.189	0.3	-0.25	20
1,3-Dichlorobenzene	1.624	1.781		9.67	20
1,4-Dichlorobenzene	1.683	1.754		4.22	20
1,2-Dichlorobenzene	1.620	1.714		5.8	20
1,2-Dibromo-3-Chloropropane	0.218	0.219		0.46	20
1,2,4-Trichlorobenzene	0.753	0.832		10.49	20
1,2,3-Trichlorobenzene	0.762	0.820		7.61	20
1,2-Dichloroethane-d4	0.807	0.653		-19.08	20
Dibromofluoromethane	0.347	0.319		-8.07	20
Toluene-d8	1.232	1.130		-8.28	20
4-Bromofluorobenzene	0.422	0.404		-4.26	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_N\Data\VN021025\
Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

Quant Time: Feb 11 03:27:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

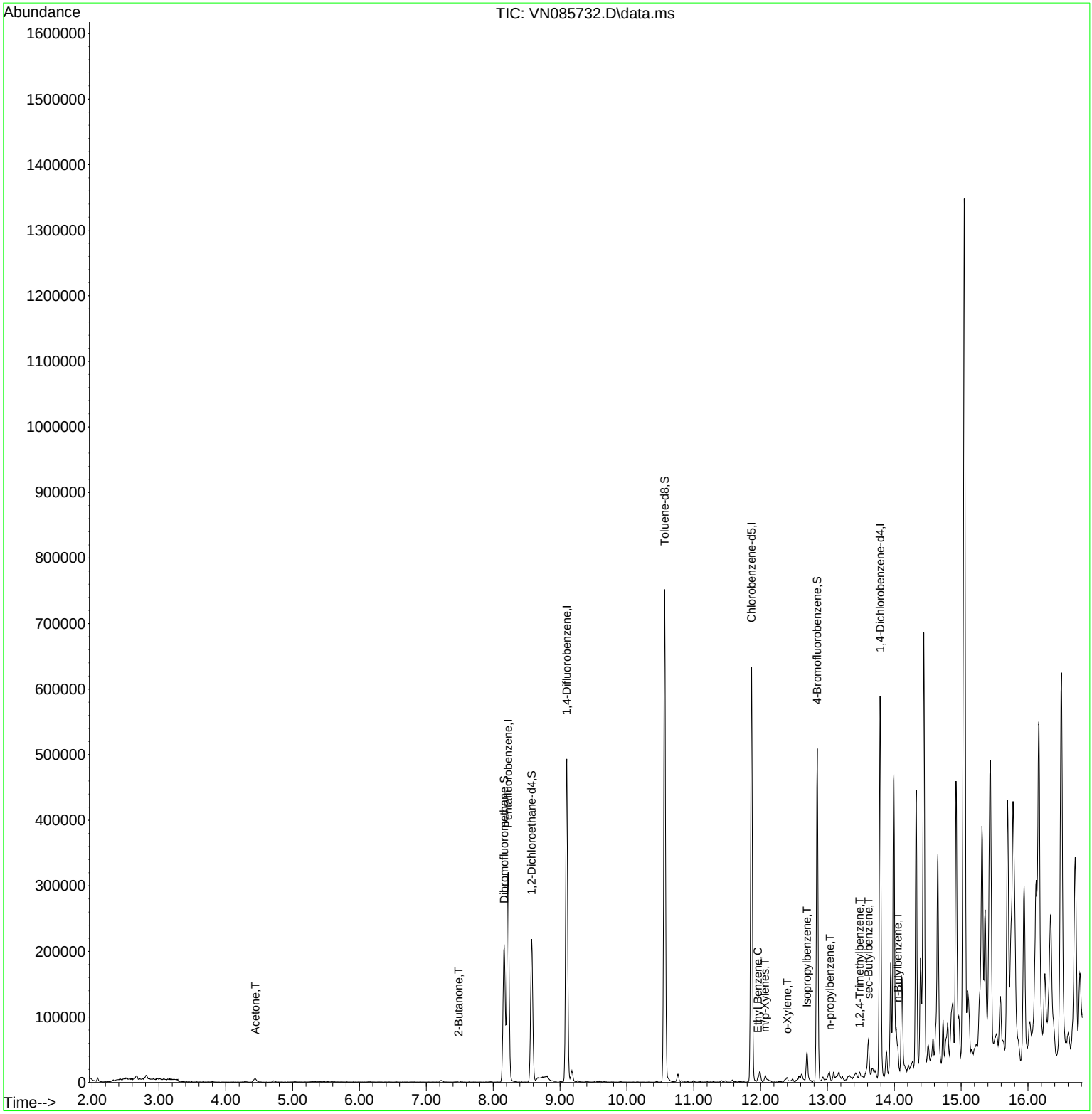
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	227906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	425293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	364425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	182445	49.593	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.180%			
35) Dibromofluoromethane	8.165	113	151457	51.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.660%			
50) Toluene-d8	10.565	98	515376	49.163	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.320%			
62) 4-Bromofluorobenzene	12.847	95	172349	48.062	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.120%			
Target Compounds						Qvalue
16) Acetone	4.442	43	11280	9.490	ug/l #	89
25) 2-Butanone	7.483	43	2914	1.666	ug/l	94
67) Ethyl Benzene	11.959	91	3214	0.247	ug/l #	89
68) m/p-Xylenes	12.065	106	3060	0.637	ug/l	88
69) o-Xylene	12.400	106	1137	0.248	ug/l	56
73) Isopropylbenzene	12.694	105	25917	2.431	ug/l	95
78) n-propylbenzene	13.035	91	6883	0.545	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	6454	0.735	ug/l	93
85) sec-Butylbenzene	13.618	105	35491	3.462	ug/l	94
89) n-Butylbenzene	14.053	91	23716	3.225	ug/l #	78

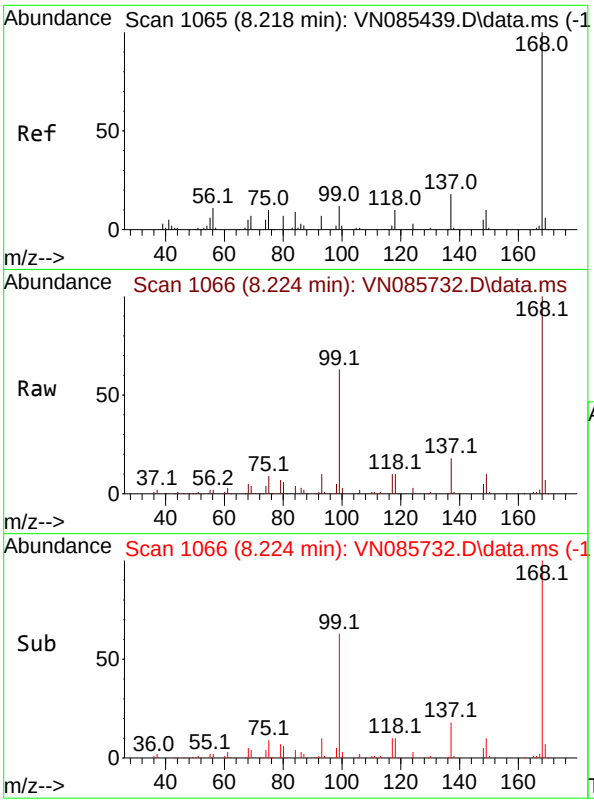
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

Quant Time: Feb 11 03:27:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



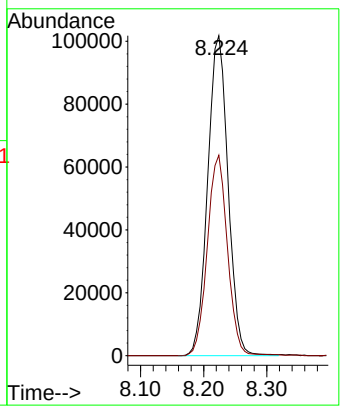


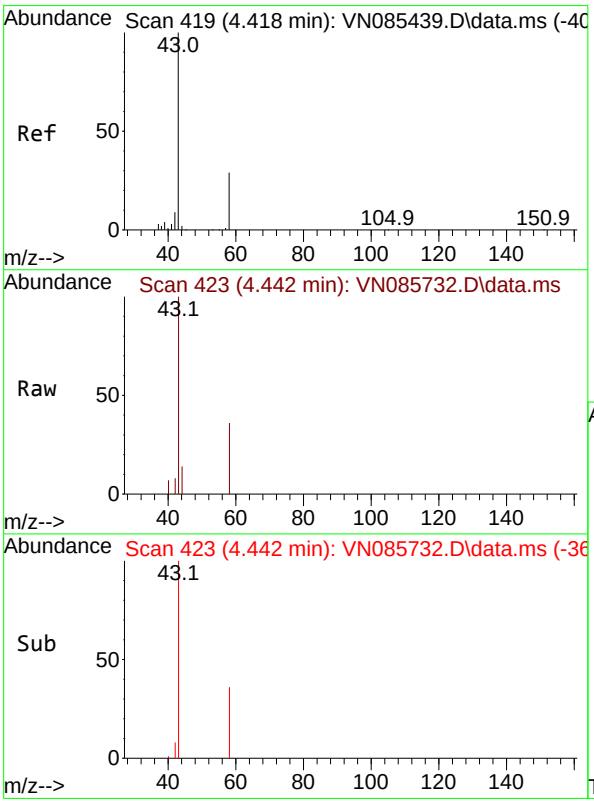
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW1R

Tgt Ion:168 Resp: 227906

Ion	Ratio	Lower	Upper
168	100		
99	62.6	53.6	80.4

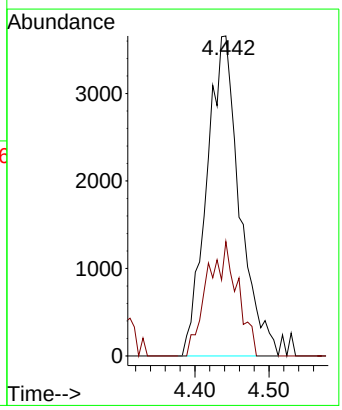


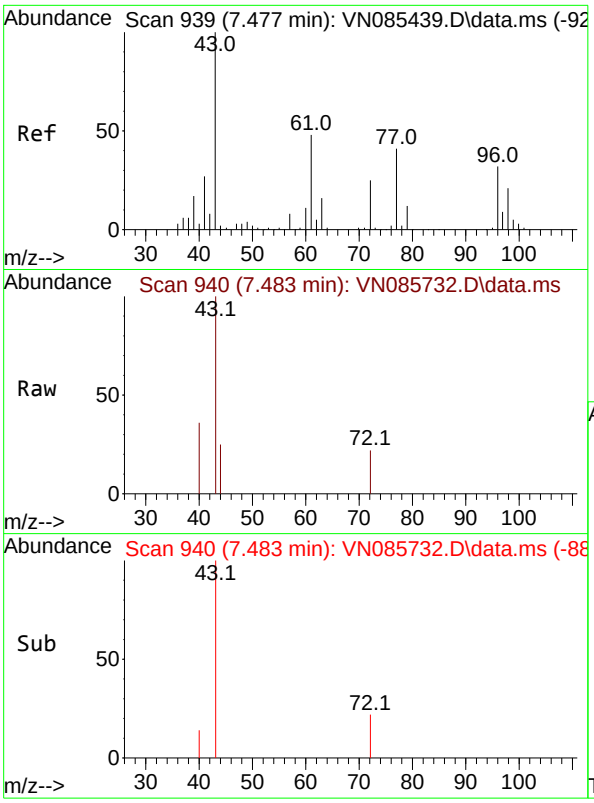


#16
Acetone
Concen: 9.490 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.024 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Tgt Ion: 43 Resp: 11280

Ion	Ratio	Lower	Upper
43	100		
58	35.7	23.8	35.6#



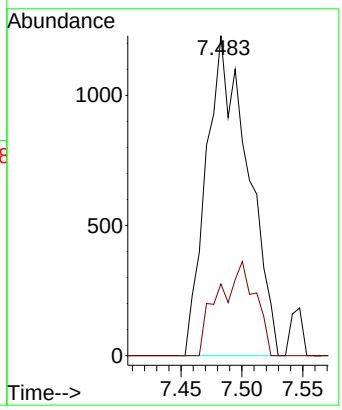


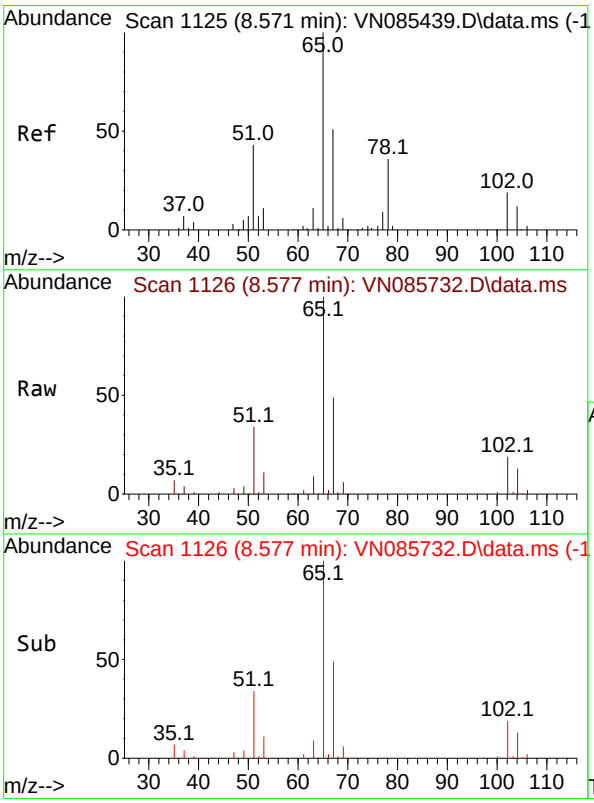
#25
2-Butanone
Concen: 1.666 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW1R

Tgt Ion: 43 Resp: 2914

Ion	Ratio	Lower	Upper
43	100		
72	22.4	20.2	30.4

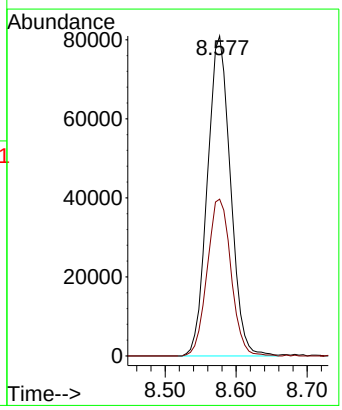


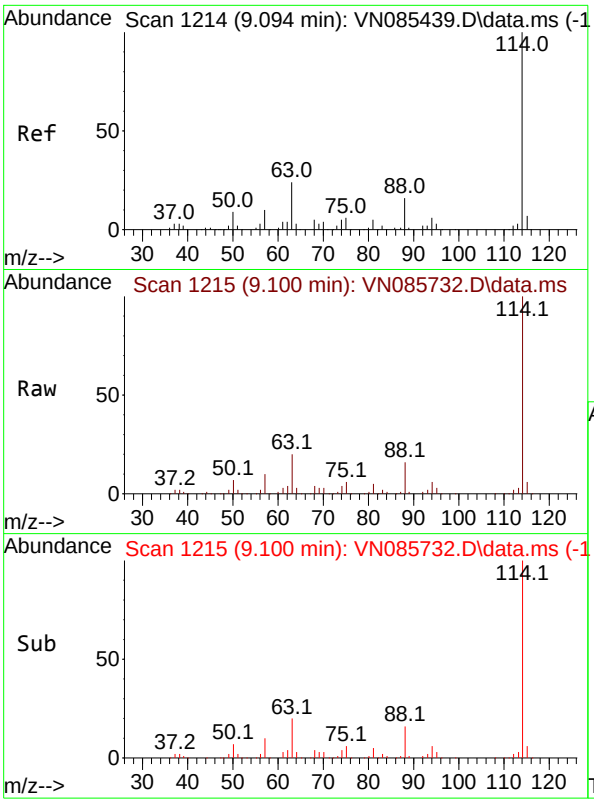


#33
1,2-Dichloroethane-d4
Concen: 49.593 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Tgt Ion: 65 Resp: 182445

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.6



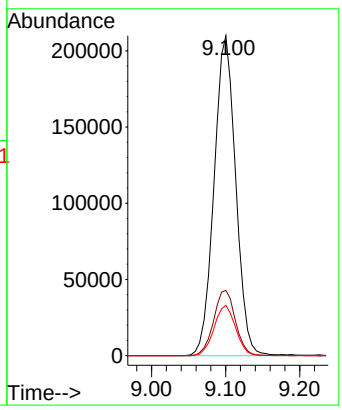


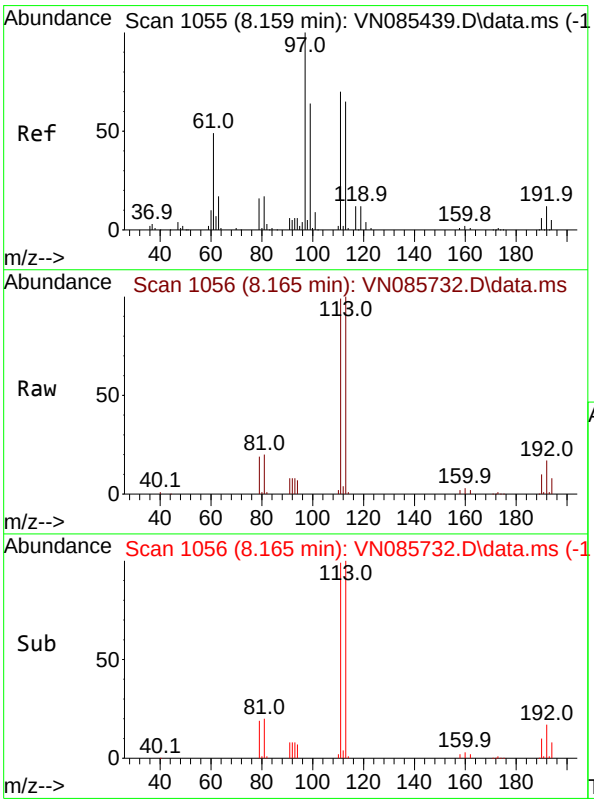
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW1R

Tgt Ion:114 Resp: 425293

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	47.6
88	15.8	0.0	32.6

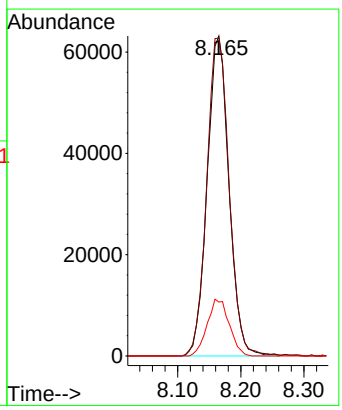


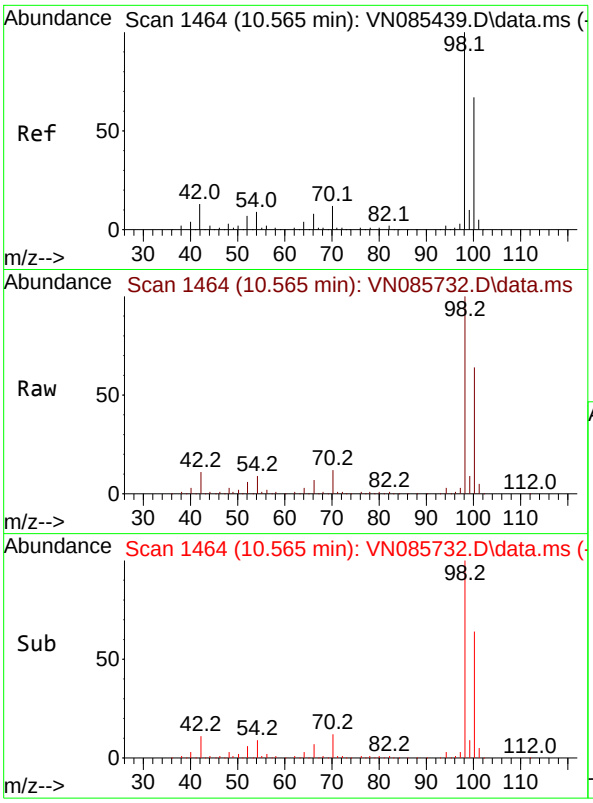


#35
Dibromofluoromethane
Concen: 51.333 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Tgt Ion:113 Resp: 151457

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.7	124.1
192	17.9	14.3	21.5



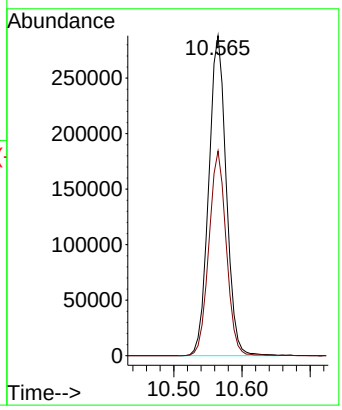


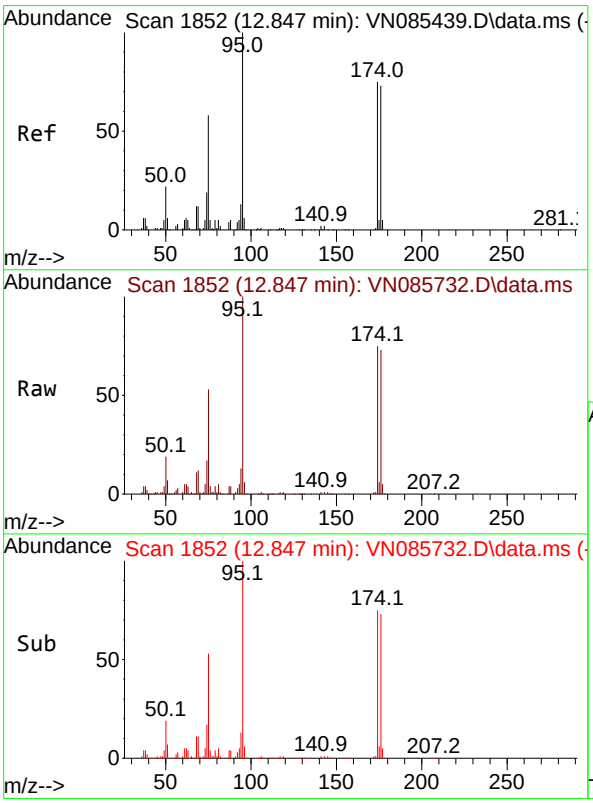
#50
Toluene-d8
Concen: 49.163 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW1R

Tgt Ion: 98 Resp: 515376

Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.2	78.4

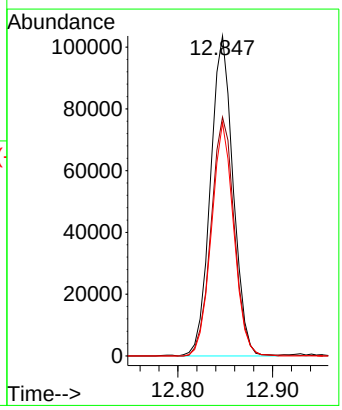


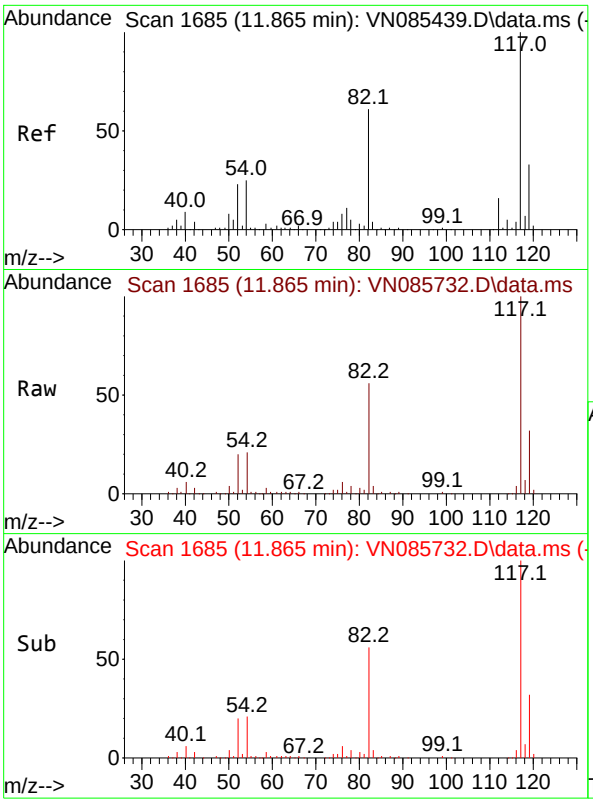


#62
4-Bromofluorobenzene
Concen: 48.062 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Tgt Ion: 95 Resp: 172349

Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	145.0
176	71.6	0.0	142.4



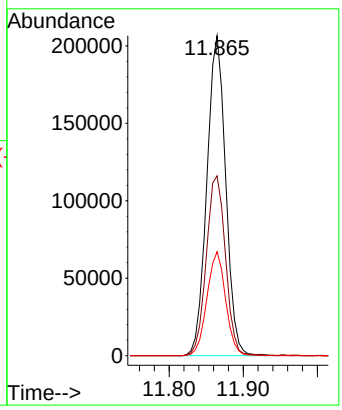


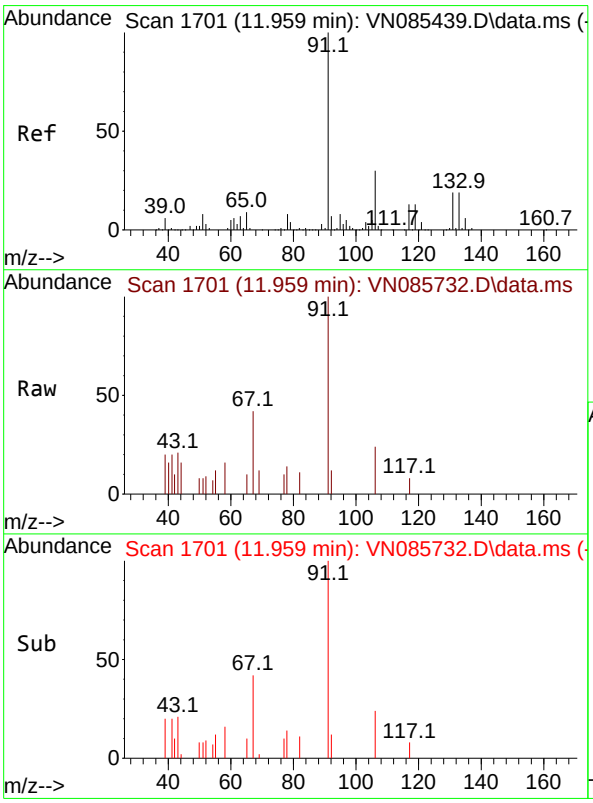
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW1R

Tgt Ion:117 Resp: 364425

Ion	Ratio	Lower	Upper
117	100		
82	56.2	48.6	72.8
119	32.5	26.6	39.8

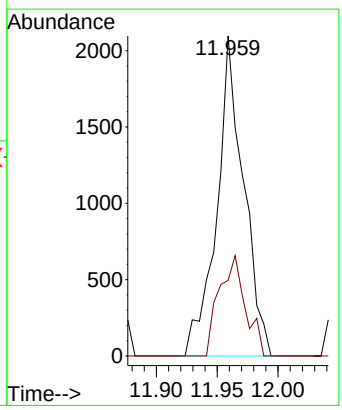


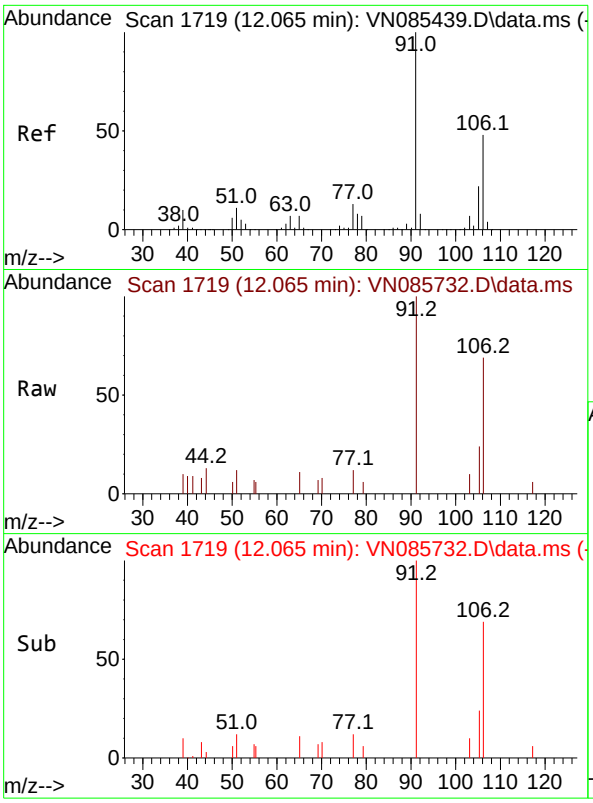


#67
Ethyl Benzene
Concen: 0.247 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Tgt Ion: 91 Resp: 3214

Ion	Ratio	Lower	Upper
91	100		
106	23.7	23.8	35.8#



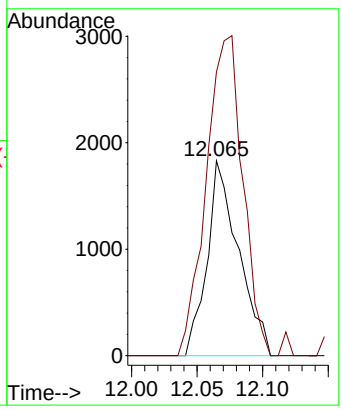


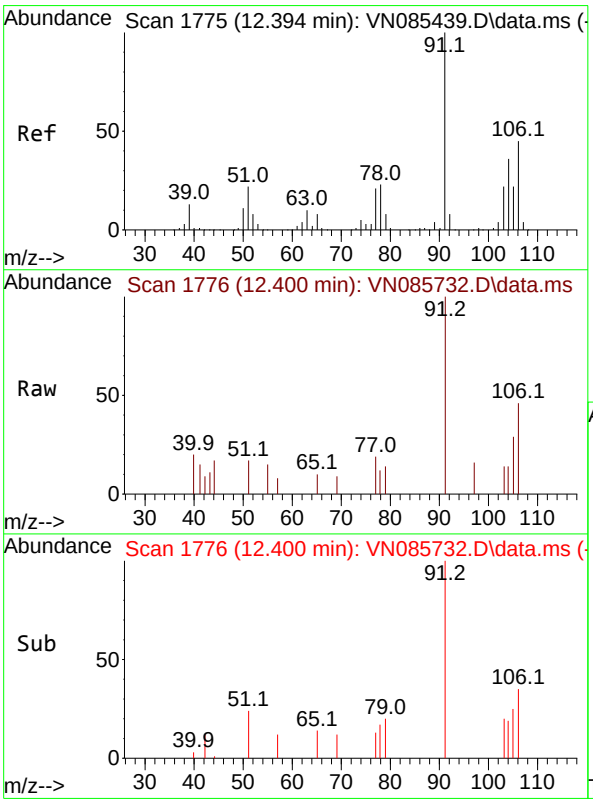
#68
m/p-Xylenes
Concen: 0.637 ug/l
RT: 12.065 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW1R

Tgt Ion:106 Resp: 3060

Ion	Ratio	Lower	Upper
106	100		
91	190.2	167.7	251.5

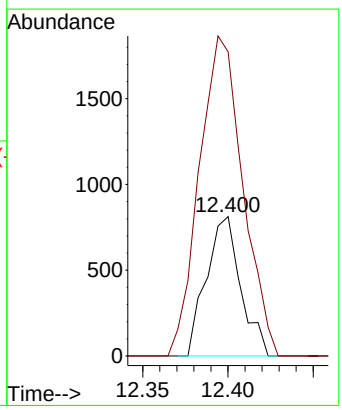


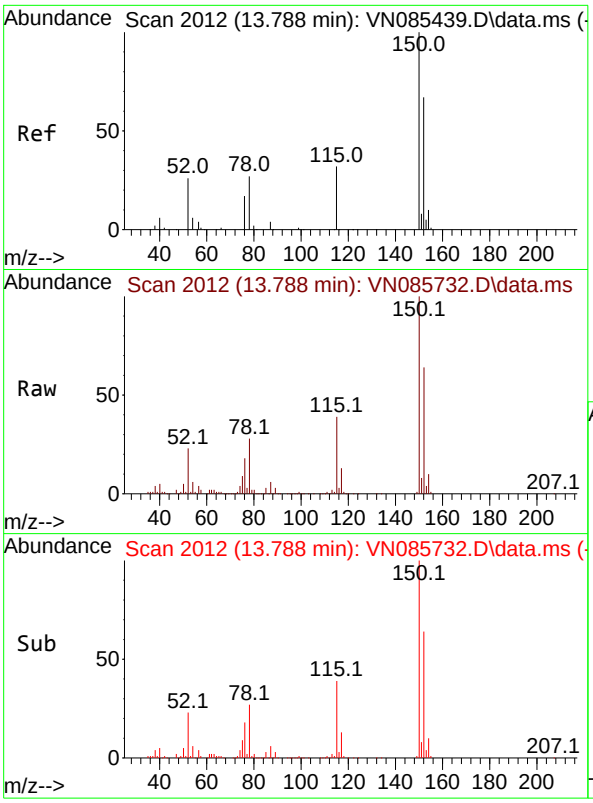


#69
o-Xylene
Concen: 0.248 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Tgt Ion:106 Resp: 1137

Ion	Ratio	Lower	Upper
106	100		
91	291.3	110.4	331.2



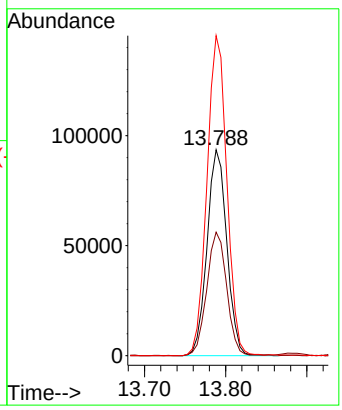


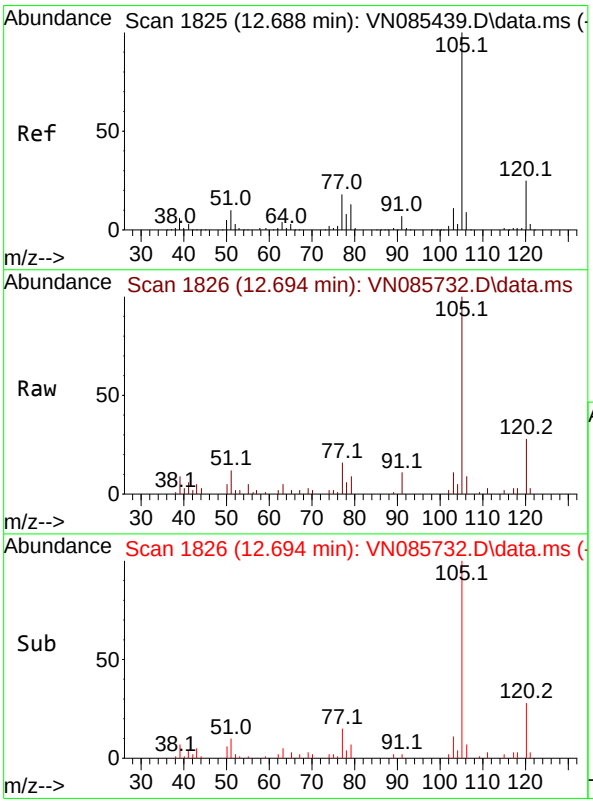
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW1R

Tgt Ion:152 Resp: 157983

Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.1	93.3
150	156.0	0.0	343.6

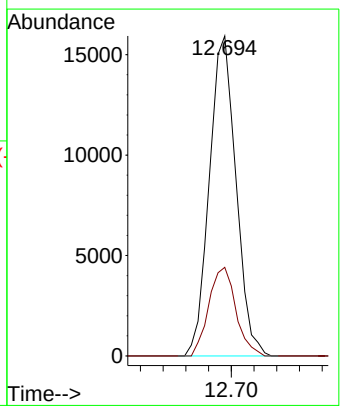


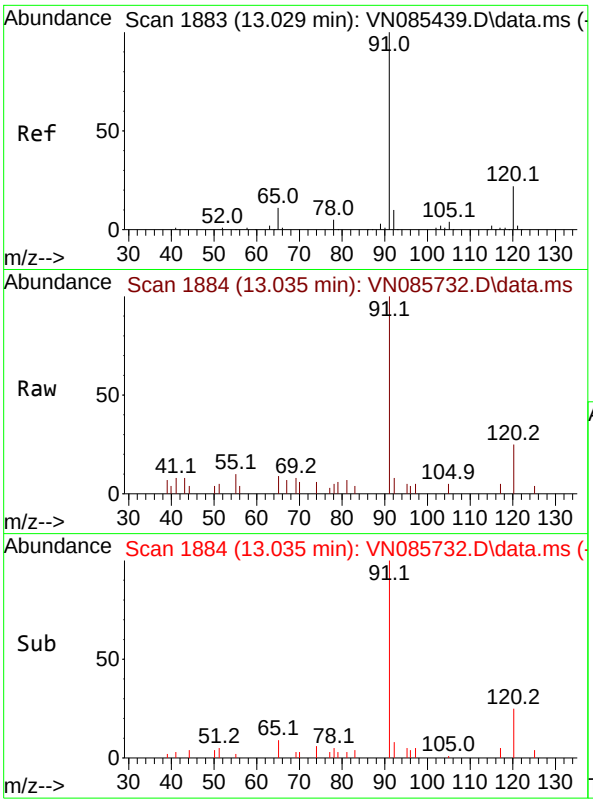


#73
Isopropylbenzene
Concen: 2.431 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Tgt Ion:105 Resp: 25917

Ion	Ratio	Lower	Upper
105	100		
120	28.1	12.8	38.3



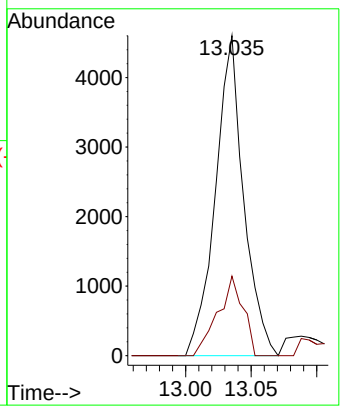


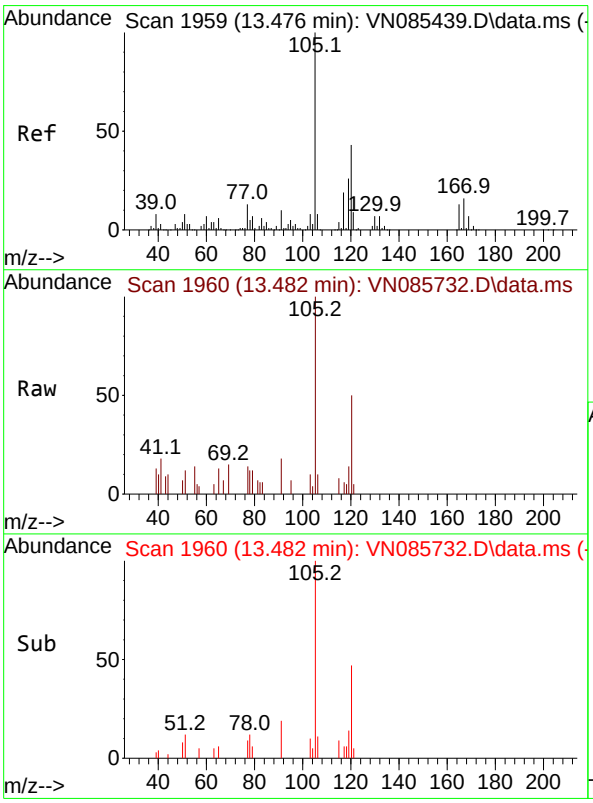
#78
n-propylbenzene
Concen: 0.545 ug/l
RT: 13.035 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW1R

Tgt Ion: 91 Resp: 6883

Ion	Ratio	Lower	Upper
91	100		
120	22.2	10.9	32.6

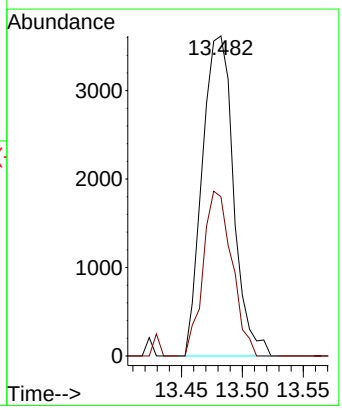


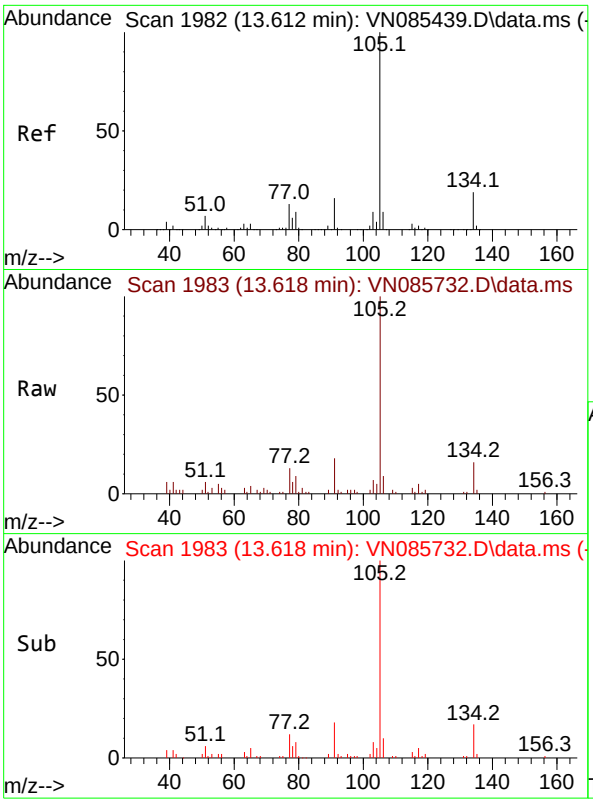


#84
1,2,4-Trimethylbenzene
Concen: 0.735 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Tgt Ion:105 Resp: 6454

Ion	Ratio	Lower	Upper
105	100		
120	47.5	21.6	65.0



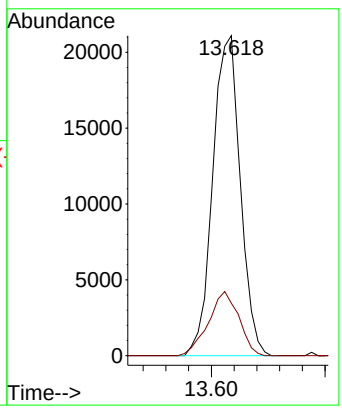


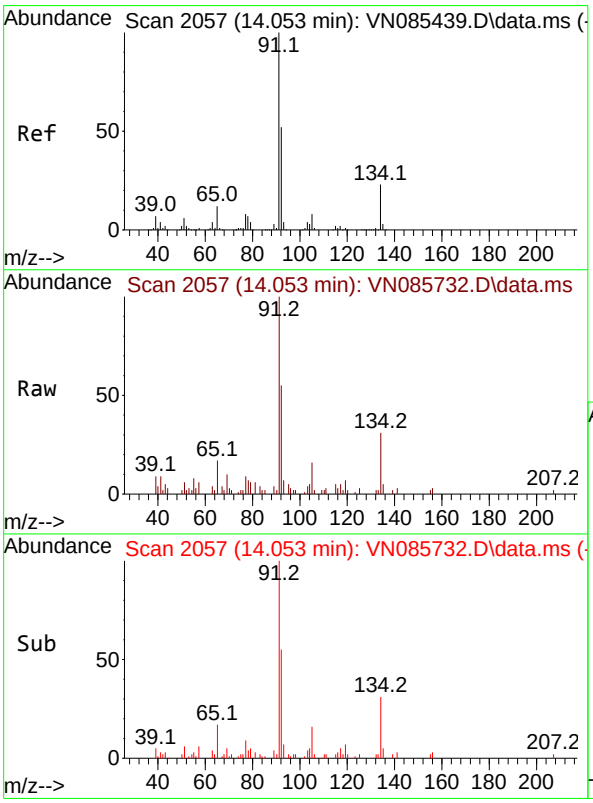
#85
sec-Butylbenzene
Concen: 3.462 ug/l
RT: 13.618 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW1R

Tgt Ion:105 Resp: 35491

Ion	Ratio	Lower	Upper
105	100		
134	22.2	9.7	28.9

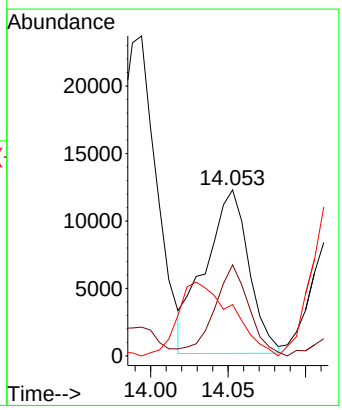




#89
n-Butylbenzene
Concen: 3.225 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085732.D
Acq: 10 Feb 2025 18:35

Tgt Ion: 91 Resp: 23716

Ion	Ratio	Lower	Upper
91	100		
92	44.6	25.8	77.3
134	0.0	11.7	35.1#



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

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_N\methods\82N011425W.M
Title : SW846 8260

Signal : TIC: VN085732.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.165	1046	1056	1060	rBV	205186	481194	18.03%	1.898%
2	8.224	1060	1066	1083	rVB	319563	734434	27.51%	2.897%
3	8.577	1116	1126	1135	rBV2	218134	496588	18.60%	1.959%
4	9.100	1204	1215	1223	rBV	492898	1004550	37.63%	3.963%
5	9.177	1223	1228	1235	rVB2	16548	33615	1.26%	0.133%
6	10.565	1455	1464	1481	rBV	751461	1353502	50.70%	5.340%
7	11.865	1676	1685	1698	rBV	633327	1128211	42.26%	4.451%
8	11.988	1698	1706	1713	rVB6	15371	37782	1.42%	0.149%
9	12.694	1821	1826	1840	rVB	45886	89302	3.35%	0.352%
10	12.847	1845	1852	1860	rBV	507403	840765	31.50%	3.317%
11	13.029	1876	1883	1888	rVB4	13445	29148	1.09%	0.115%
12	13.612	1971	1982	1987	rBV2	57025	120013	4.50%	0.473%
13	13.788	2005	2012	2022	rBV	581871	988478	37.03%	3.900%
14	13.882	2022	2028	2033	rBV	37707	67577	2.53%	0.267%
15	13.947	2033	2039	2042	rBV	169194	263550	9.87%	1.040%
16	13.994	2042	2047	2052	rVV	395355	609271	22.82%	2.404%
17	14.112	2062	2067	2078	rBV	143537	249301	9.34%	0.984%
18	14.329	2097	2104	2109	rBV	423133	654935	24.53%	2.584%
19	14.394	2109	2115	2118	rBV	161049	276184	10.35%	1.090%
20	14.441	2118	2123	2130	rVB2	654637	1102235	41.29%	4.348%
21	14.506	2130	2134	2139	rBV6	26341	43849	1.64%	0.173%
22	14.576	2142	2146	2149	rBV	27502	34542	1.29%	0.136%
23	14.653	2150	2159	2168	rVB	319811	616498	23.09%	2.432%
24	14.729	2168	2172	2176	rBV	66064	95151	3.56%	0.375%
25	14.800	2176	2184	2188	rBV3	51213	109754	4.11%	0.433%
26	14.876	2188	2197	2200	rBV2	80011	208246	7.80%	0.822%
27	14.923	2200	2205	2210	rBV2	399234	659252	24.70%	2.601%
28	15.047	2217	2226	2232	rBV2	1307935	2669500	100.00%	10.531%
29	15.094	2232	2234	2243	rVB3	93541	208656	7.82%	0.823%
30	15.312	2260	2271	2276	rBV	335884	830789	31.12%	3.278%
31	15.359	2276	2279	2284	rVV	206176	360807	13.52%	1.423%
32	15.435	2284	2292	2301	rVB4	432093	1064280	39.87%	4.199%
33	15.588	2312	2318	2323	rBV3	74737	140451	5.26%	0.554%
34	15.694	2329	2336	2341	rBV	381481	750349	28.11%	2.960%
35	15.776	2341	2350	2369	rVB4	395605	1539443	57.67%	6.073%
36	15.941	2370	2378	2386	rBV2	266157	575494	21.56%	2.270%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

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_N\methods\82N011425W.M
Title : SW846 8260

37	16.029	2387	2393	2397	rVV7	38462	86793	3.25%	0.342%
38	16.123	2400	2409	2410	rVV2	253114	516109	19.33%	2.036%
39	16.159	2411	2415	2425	rVV	490300	1107647	41.49%	4.370%
40	16.253	2426	2431	2437	rVV	108606	255710	9.58%	1.009%
41	16.341	2438	2446	2461	rVB3	215079	697623	26.13%	2.752%
42	16.500	2464	2473	2483	rBV	574397	1358880	50.90%	5.361%
43	16.706	2498	2508	2515	rBV2	285057	707054	26.49%	2.789%
44	16.776	2515	2520	2522	rBV3	88373	150432	5.64%	0.593%

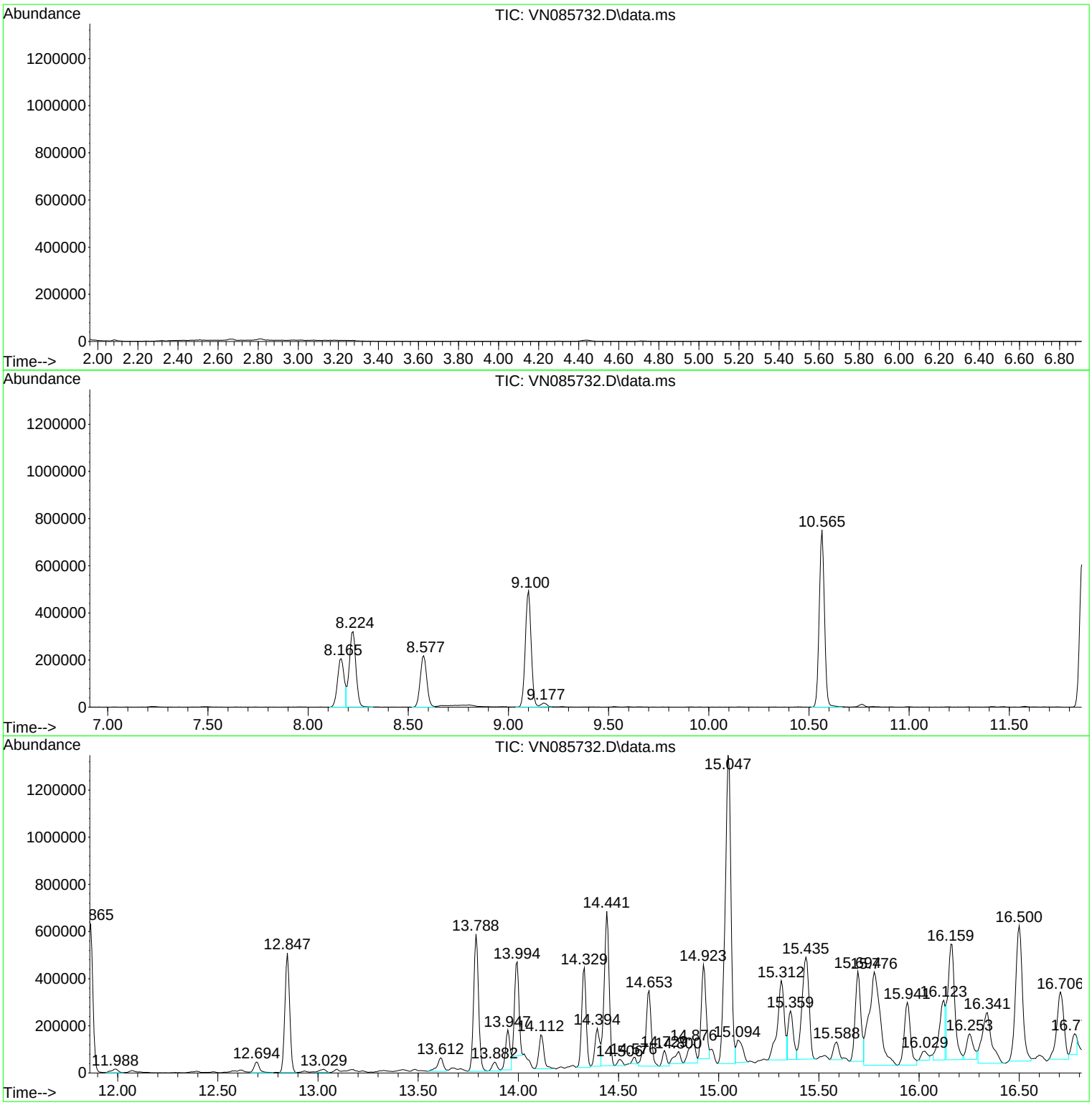
Sum of corrected areas: 25347944

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

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



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Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085732.D
Acq On    : 10 Feb 2025  18:35
Operator  : JC\MD
Sample    : Q1331-01
Misc      : 5.0mL/MSVOA_N/WATER
ALS Vial  : 18   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title  : SW846 8260

TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
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Instrument :
MSVOA_N
ClientSampleId :
MW1R

5

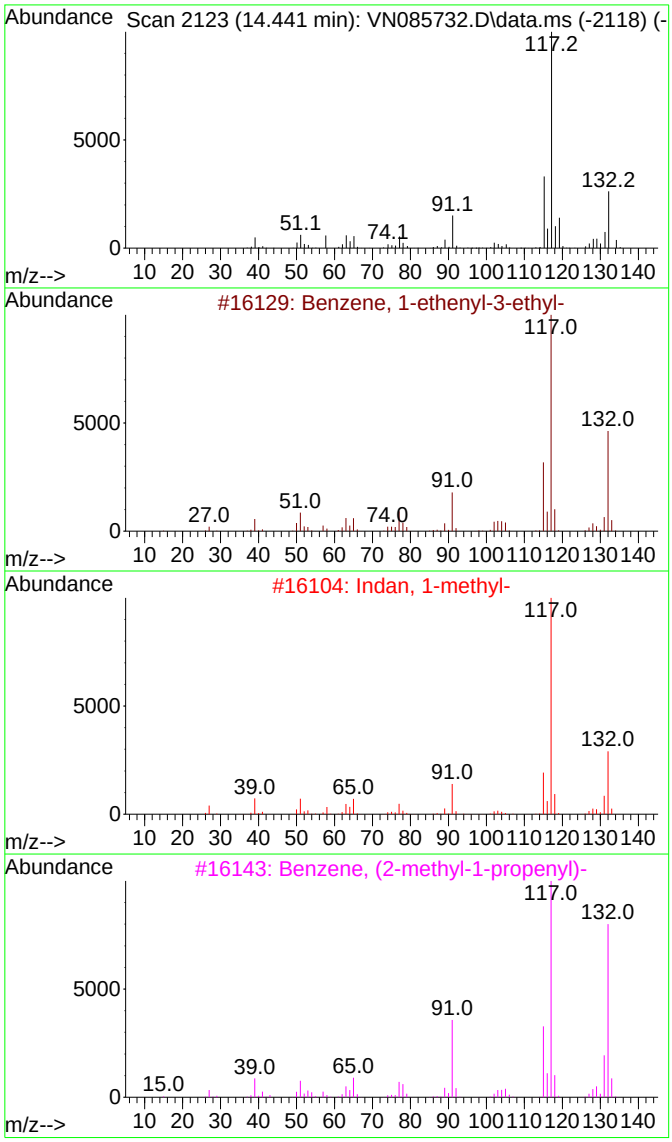
A B C D E F G H I J

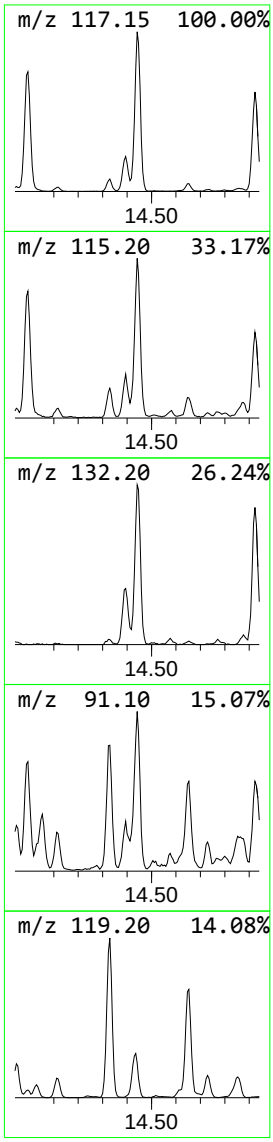
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.441	55.75 ug/l	1102240	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
2	Indan, 1-methyl-	132	C10H12	000767-58-8	81
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	78
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	72





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Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

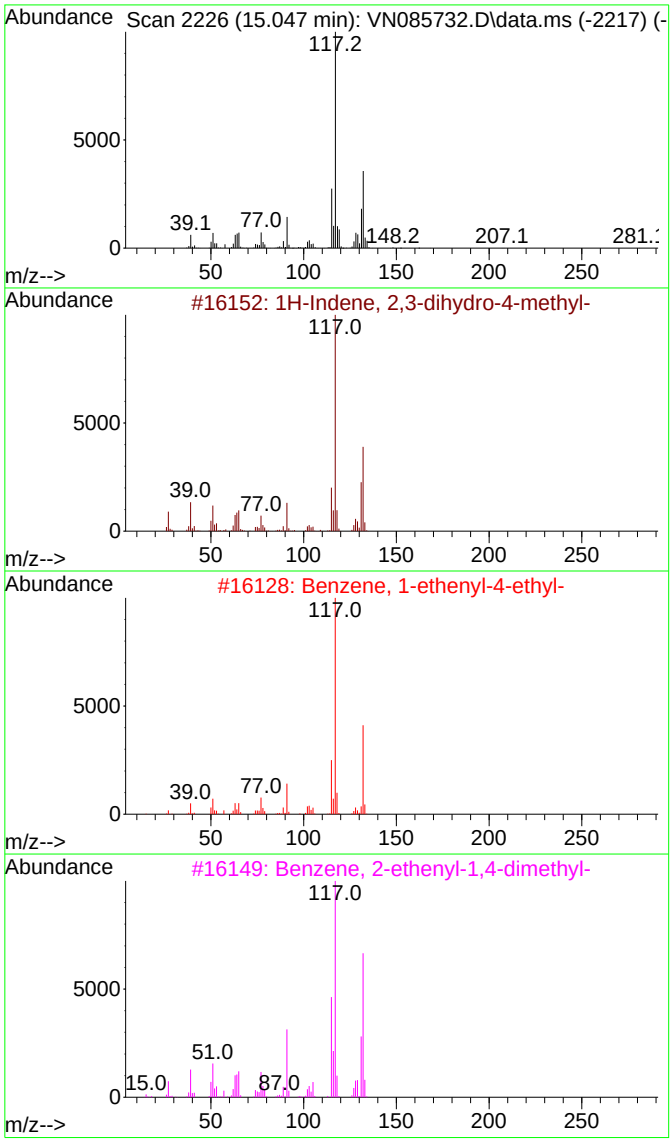
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

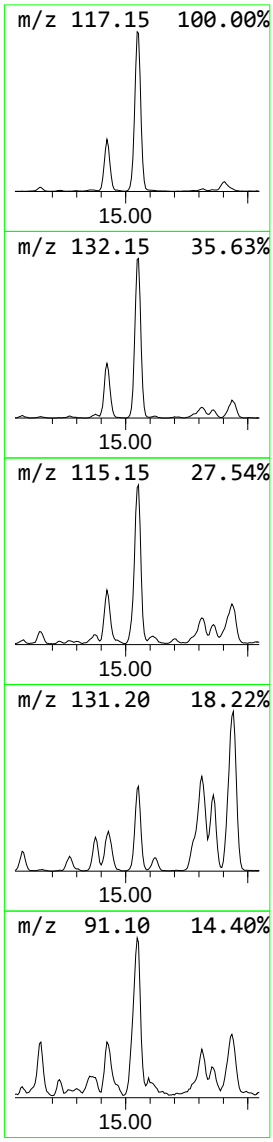
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.047	135.03 ug/l	2669500	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90





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Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

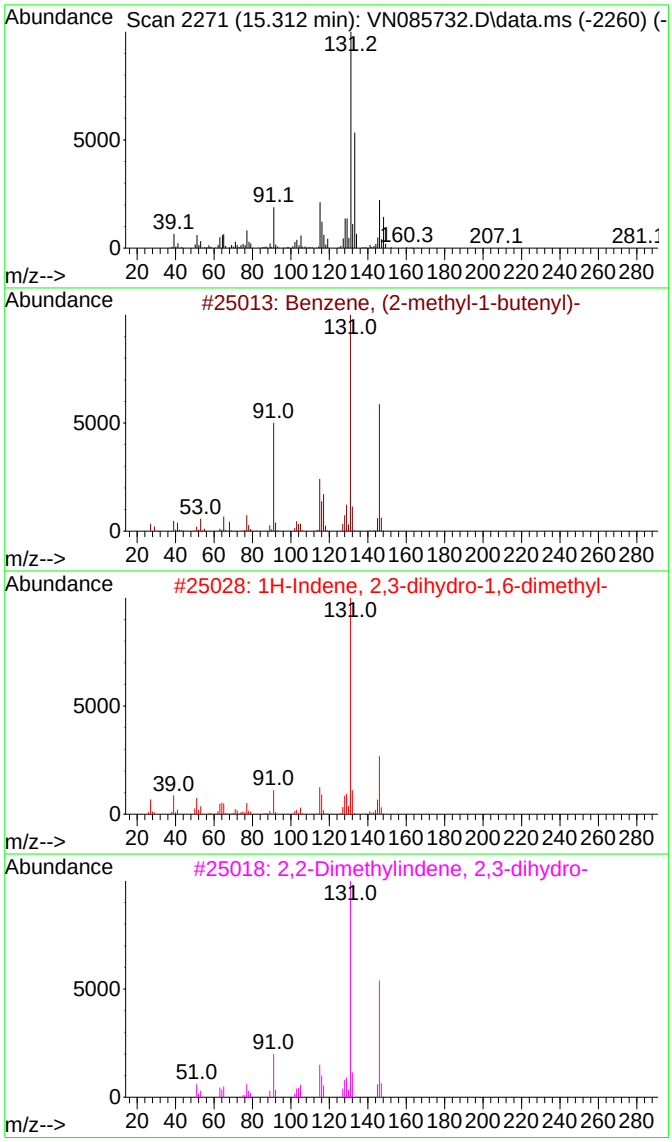
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

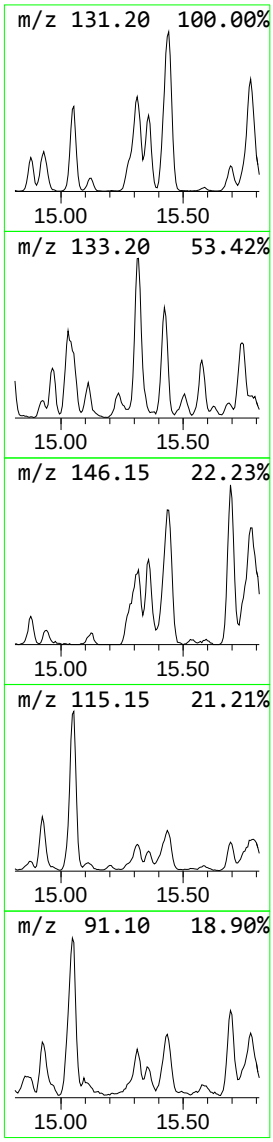
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.312	42.02 ug/l	830789	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	89
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	89
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	86
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76





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Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

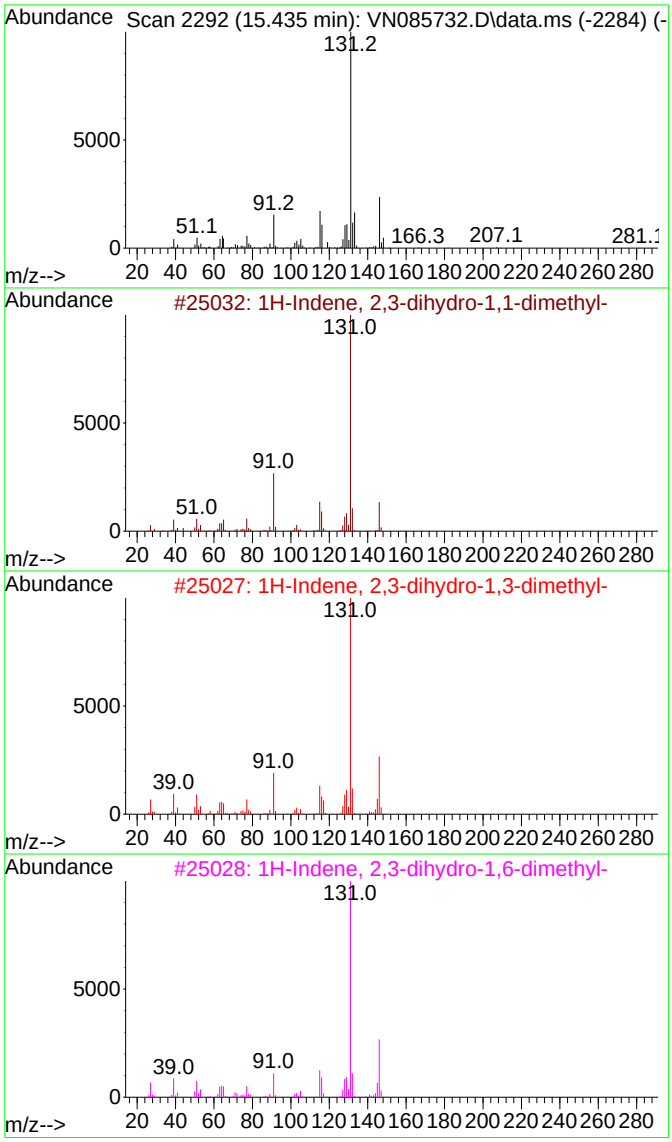
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

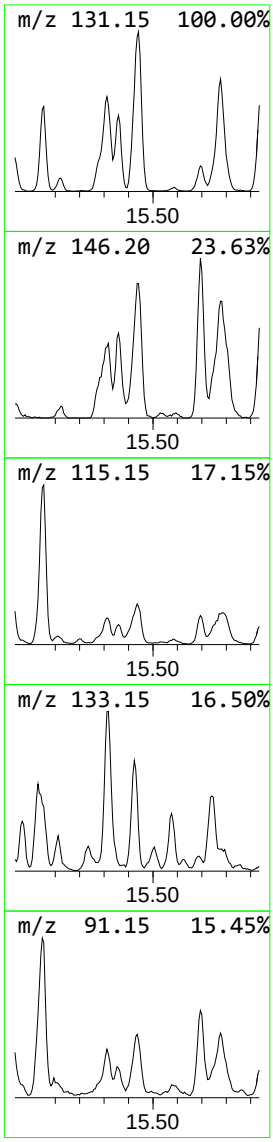
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.435	53.83 ug/l	1064280	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

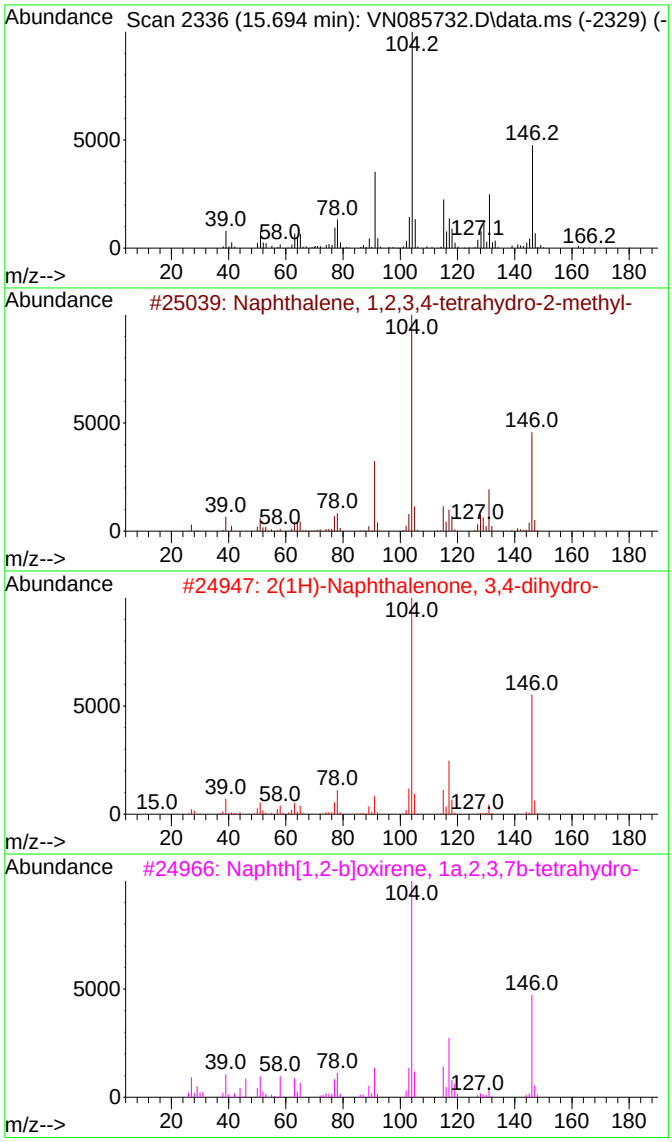
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

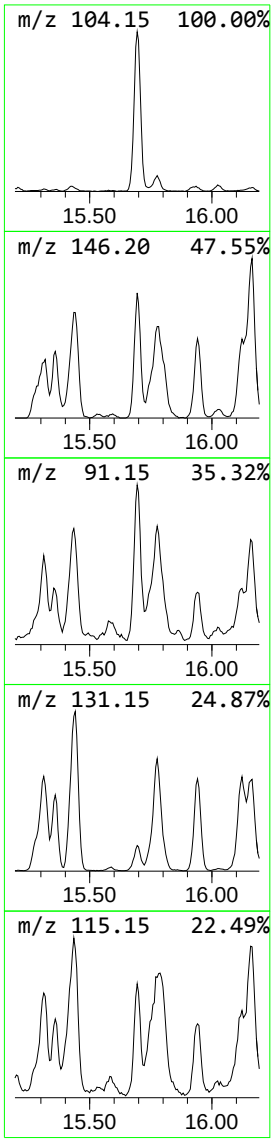
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.694	37.95 ug/l	750349	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	68
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	43
5	2-Azetidinone, 4-phenyl-	147	C9H9NO	005661-55-2	43





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Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

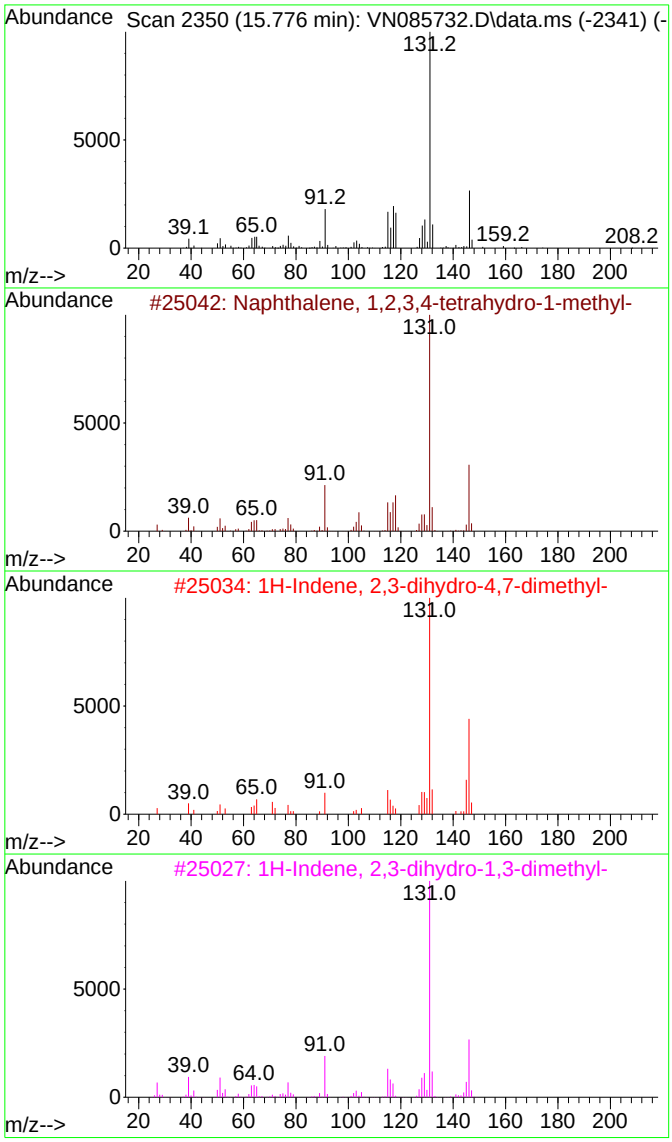
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

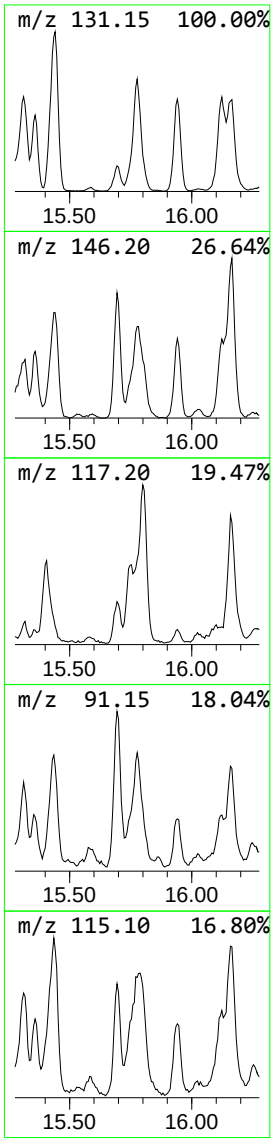
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.776	77.87 ug/l	1539440	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87





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Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

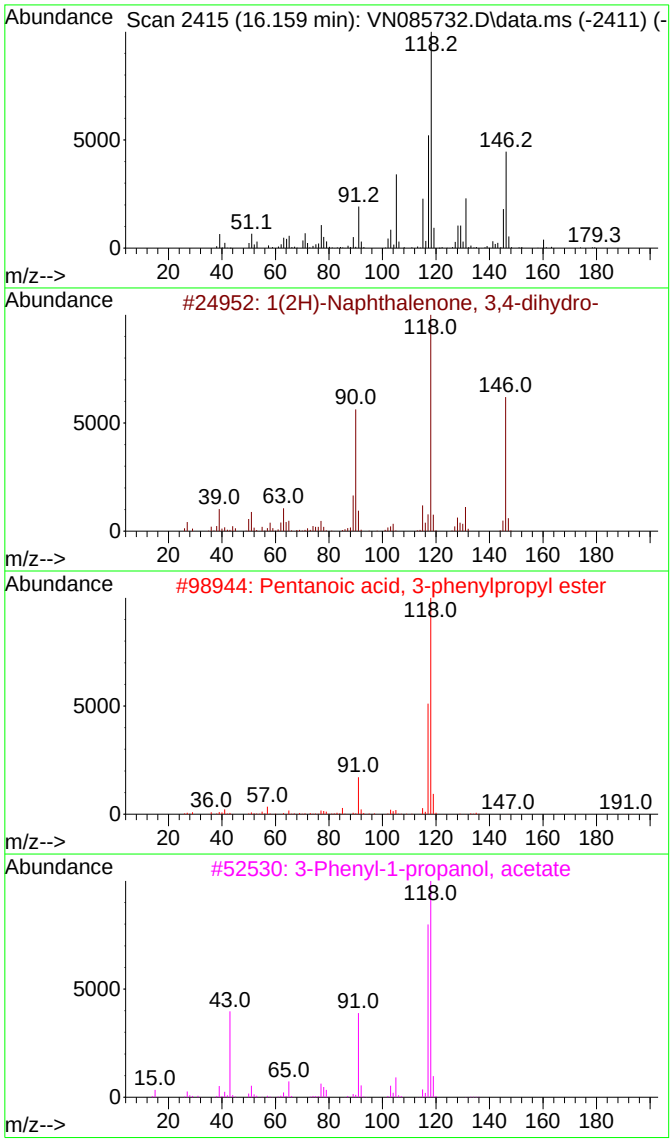
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

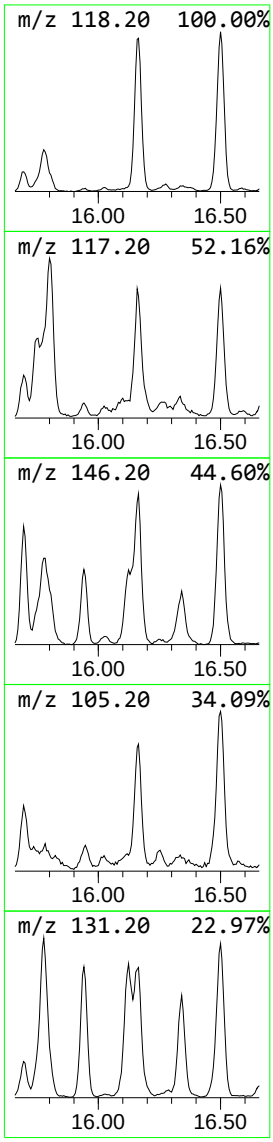
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.159	56.03 ug/l	1107650	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	50
2	Pentanoic acid, 3-phenylpropyl e...	220	C14H20O2	005451-88-7	38
3	3-Phenyl-1-propanol, acetate	178	C11H14O2	000122-72-5	38
4	Propanoic acid, 2-methyl-, 3-phe...	206	C13H18O2	000103-58-2	38
5	2-Ethylbutyric acid, 3-phenylpro...	234	C15H22O2	1000369-67-0	38





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Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

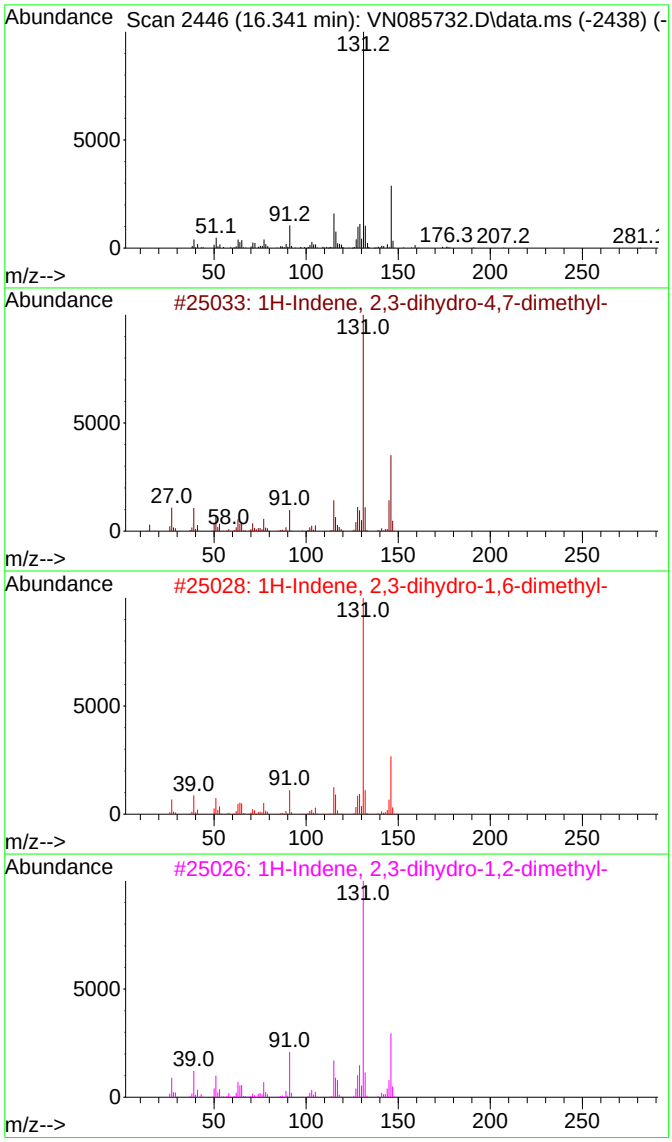
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

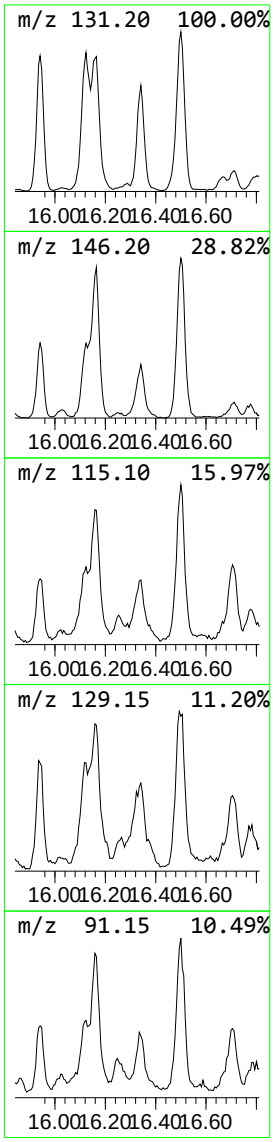
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.341	35.29 ug/l	697623	1,4-Dichlorobenzene-d4	13.788

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-1,6-dimet...	146	C11H14	017059-48-2	94
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91





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Acq On    : 10 Feb 2025  18:35
Operator  : JC\MD
Sample    : Q1331-01
Misc      : 5.0mL/MSVOA_N/WATER
ALS Vial  : 18   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title  : SW846 8260

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

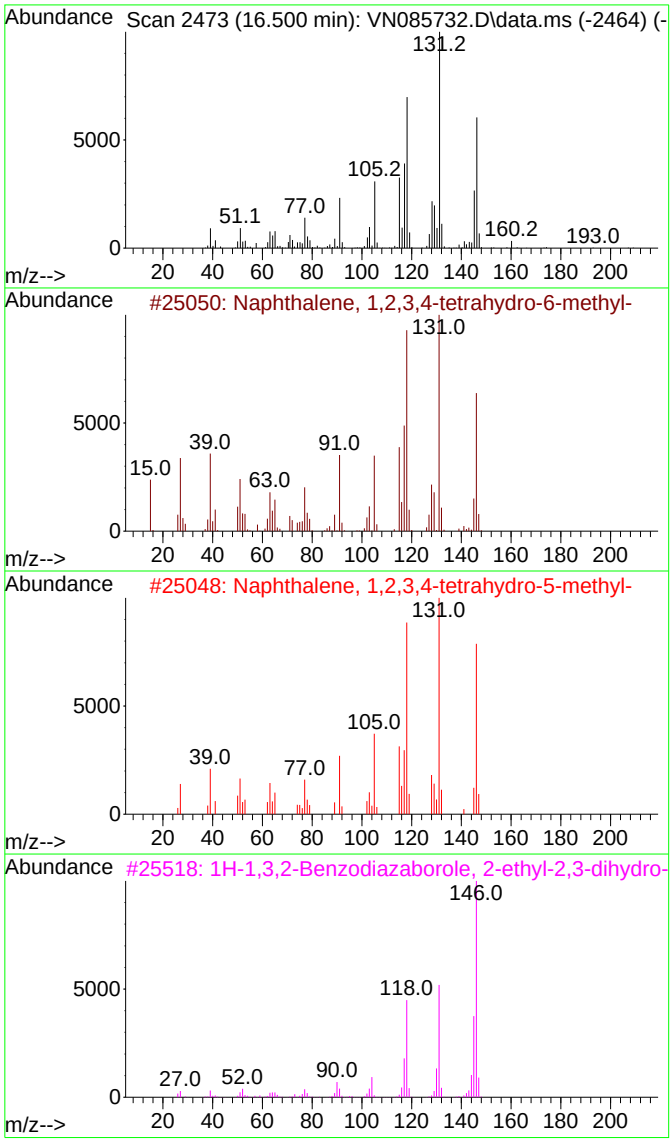
Instrument :
MSVOA_N
ClientSampleId :
MW1R

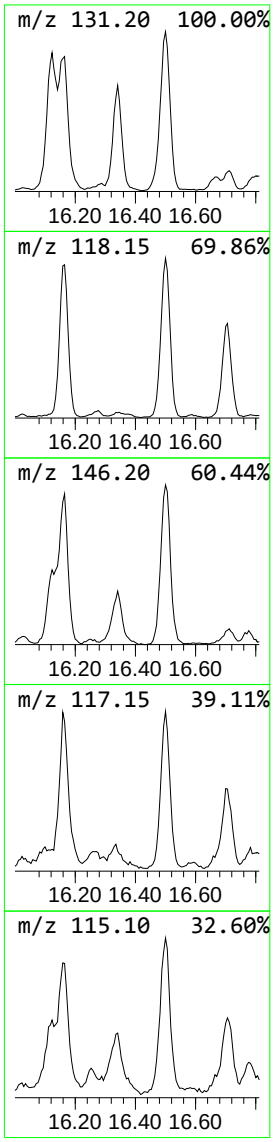
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.500	68.74 ug/l	1358880	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	90
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

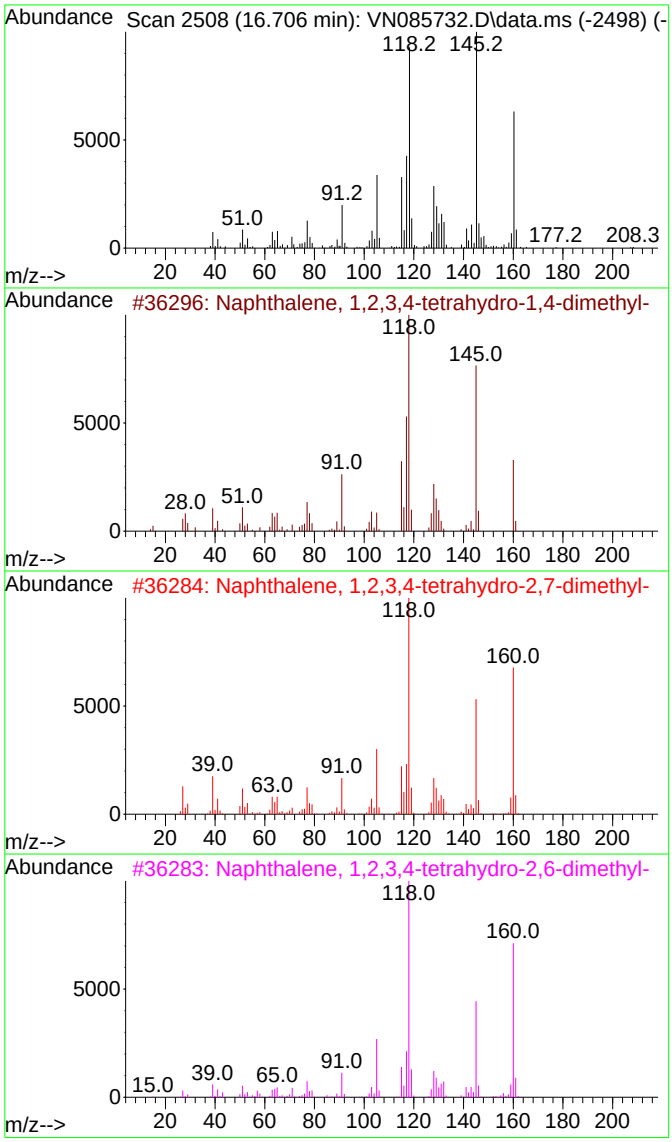
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

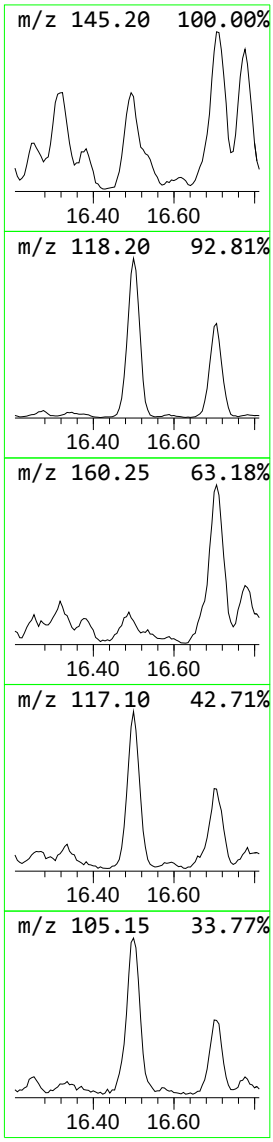
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.706	35.76 ug/l	707054	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	76
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	60
5	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.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
Benzene, 1-ethe...	14.441	55.8	ug/l	1102240	4	13.788	988478	50.0
1H-Indene, 2,3-...	15.047	135.0	ug/l	2669500	4	13.788	988478	50.0
Benzene, (2-met...	15.312	42.0	ug/l	830789	4	13.788	988478	50.0
1H-Indene, 2,3-...	15.435	53.8	ug/l	1064280	4	13.788	988478	50.0
Naphthalene, 1,...	15.694	38.0	ug/l	750349	4	13.788	988478	50.0
Naphthalene, 1,...	15.776	77.9	ug/l	1539440	4	13.788	988478	50.0
1(2H)-Naphthale...	16.159	56.0	ug/l	1107650	4	13.788	988478	50.0
1H-Indene, 2,3-...	16.341	35.3	ug/l	697623	4	13.788	988478	50.0
Naphthalene, 1,...	16.500	68.7	ug/l	1358880	4	13.788	988478	50.0
Naphthalene, 1,...	16.706	35.8	ug/l	707054	4	13.788	988478	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085720.D
Acq On : 10 Feb 2025 13:12
Operator : JC\MD
Sample : VN0210WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

Quant Time: Feb 11 03:20:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	252400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	469407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	394938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	194879	47.832	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.660%			
35) Dibromofluoromethane	8.165	113	163357	50.163	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.320%			
50) Toluene-d8	10.565	98	559089	48.321	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.640%			
62) 4-Bromofluorobenzene	12.847	95	174849	44.177	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.360%			

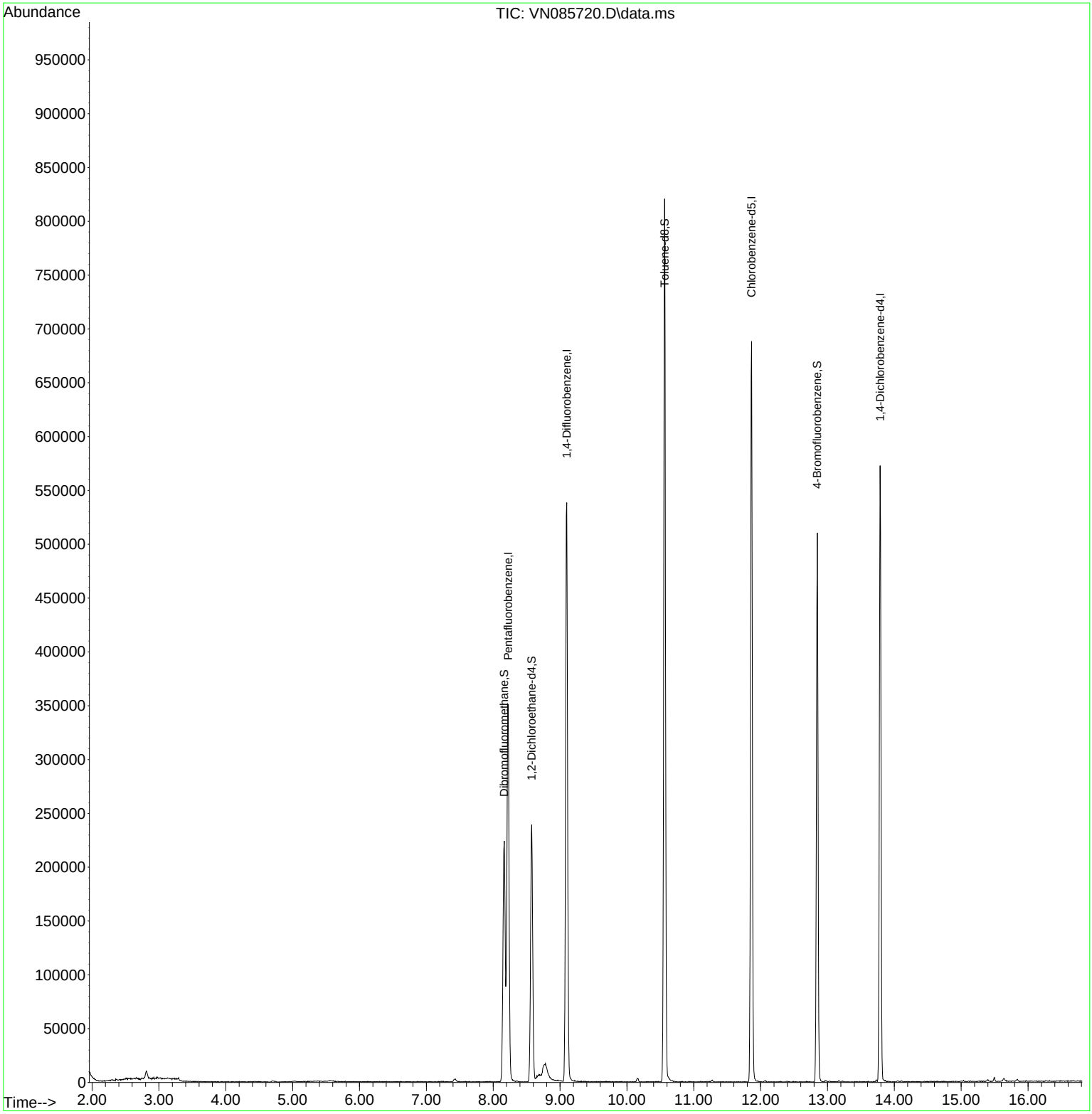
Target Compounds Qvalue

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

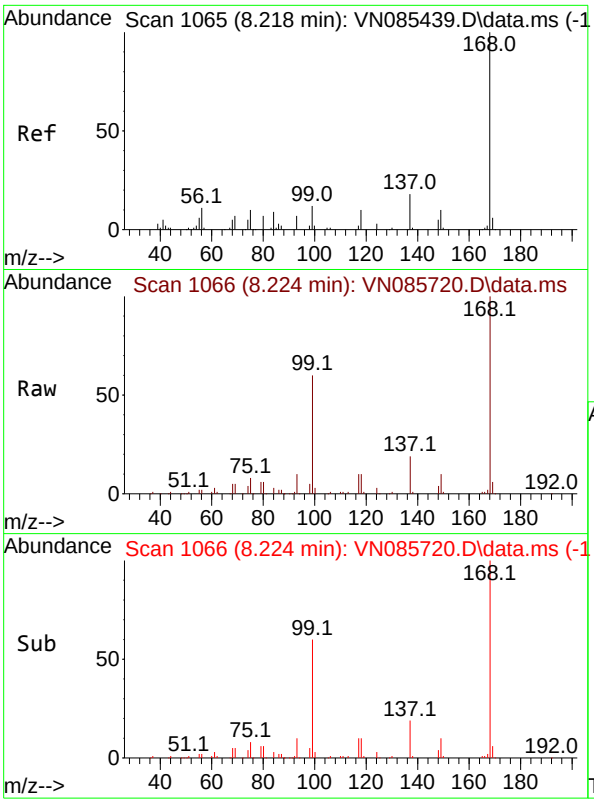
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085720.D
Acq On : 10 Feb 2025 13:12
Operator : JC\MD
Sample : VN0210WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

Quant Time: Feb 11 03:20:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



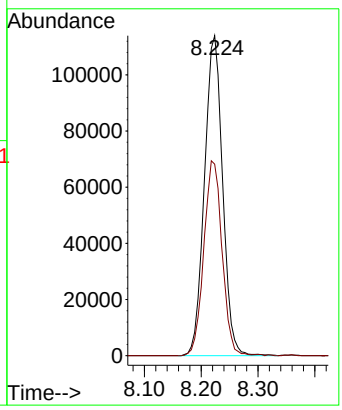
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

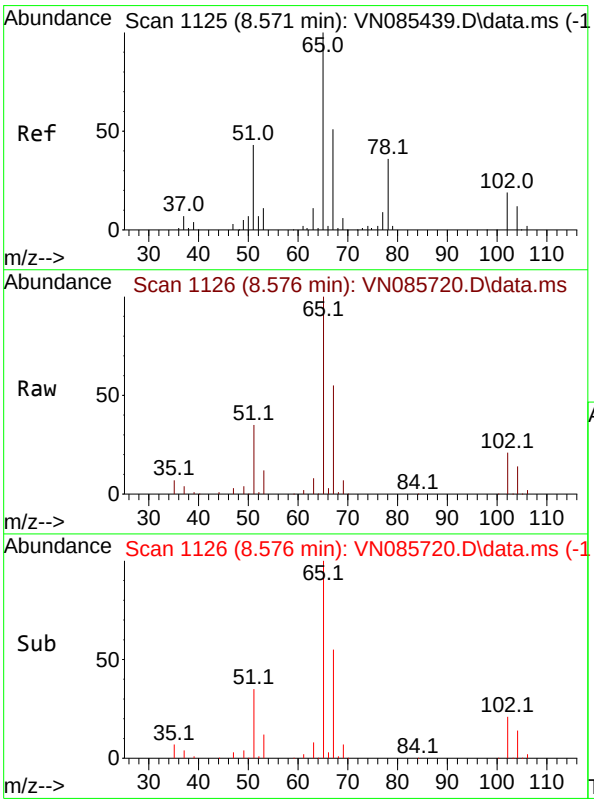


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

Tgt Ion:168 Resp: 252400

Ion	Ratio	Lower	Upper
168	100		
99	59.9	53.6	80.4

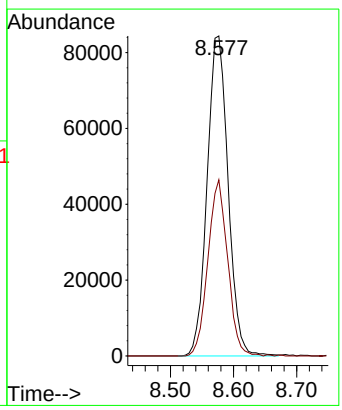




#33
1,2-Dichloroethane-d4
Concen: 47.832 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

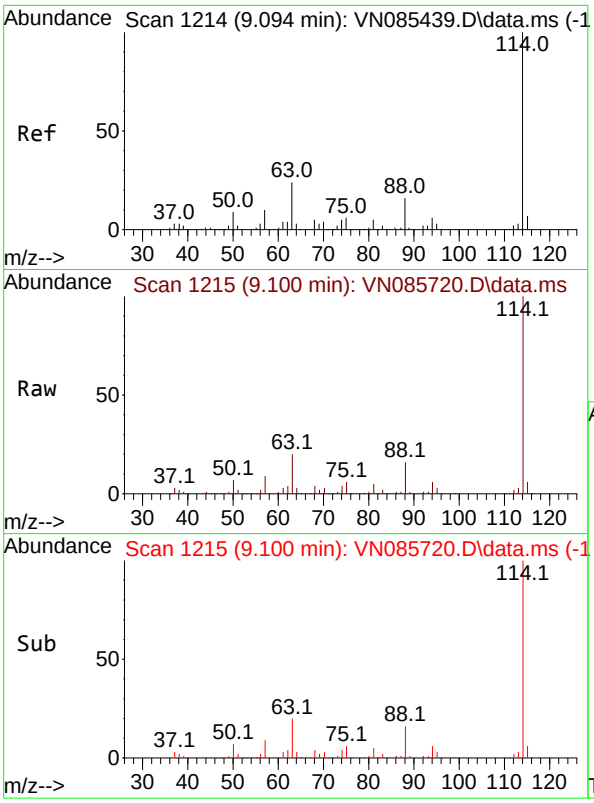
Tgt Ion: 65 Resp: 194879

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	101.6



5

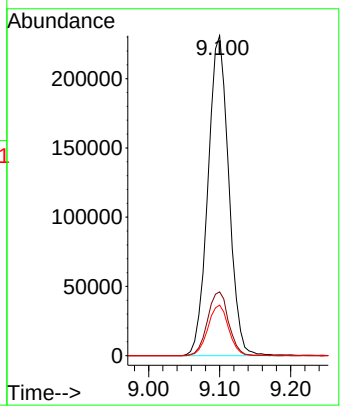
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

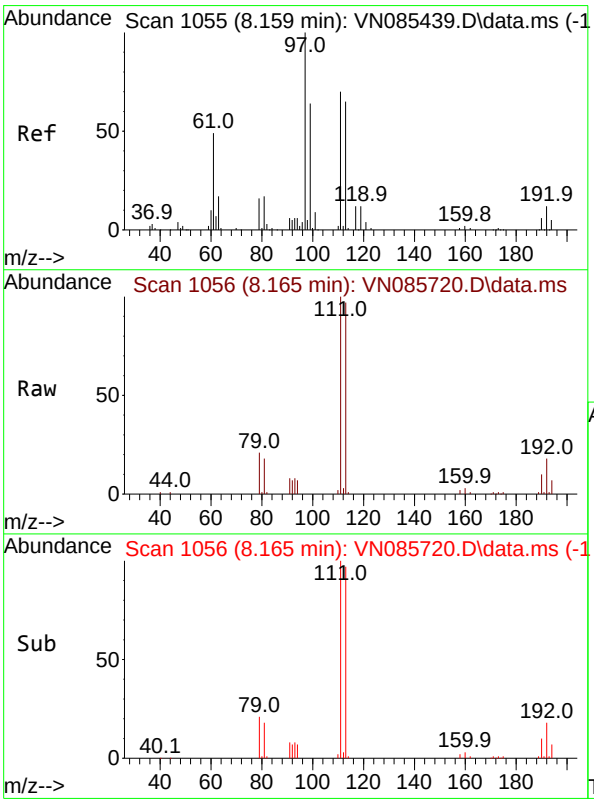


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

Tgt Ion:114 Resp: 469407

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	47.6
88	15.8	0.0	32.6

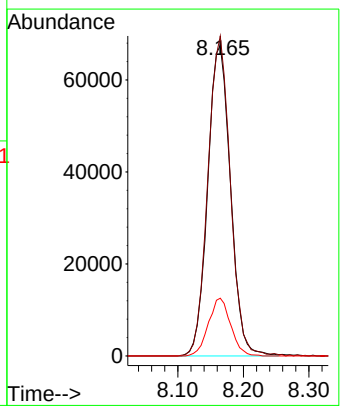


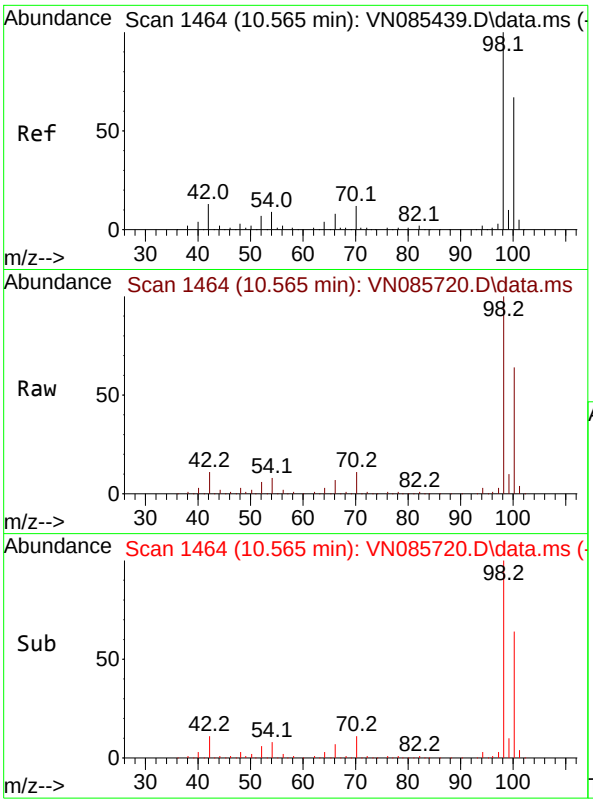


#35
Dibromofluoromethane
Concen: 50.163 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

Tgt Ion:113 Resp: 163357

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.7	124.1
192	18.1	14.3	21.5



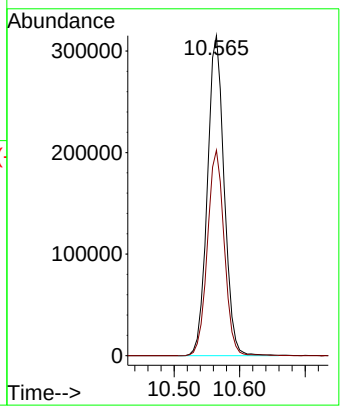


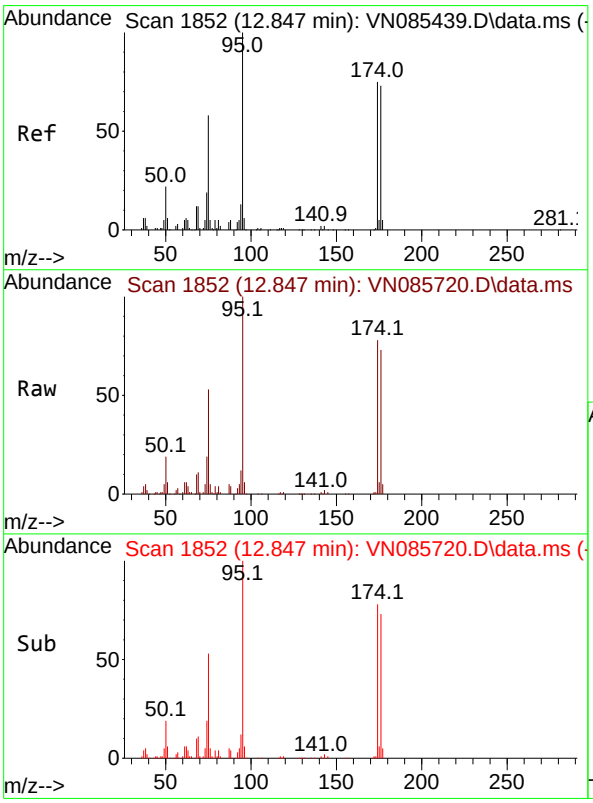
#50
Toluene-d8
Concen: 48.321 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

Tgt Ion: 98 Resp: 559089

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.4

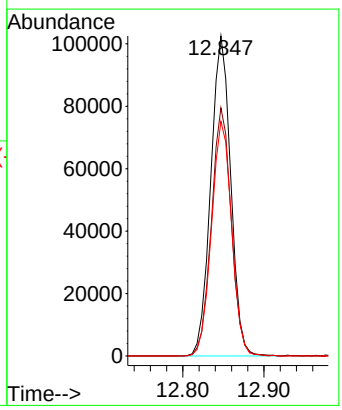


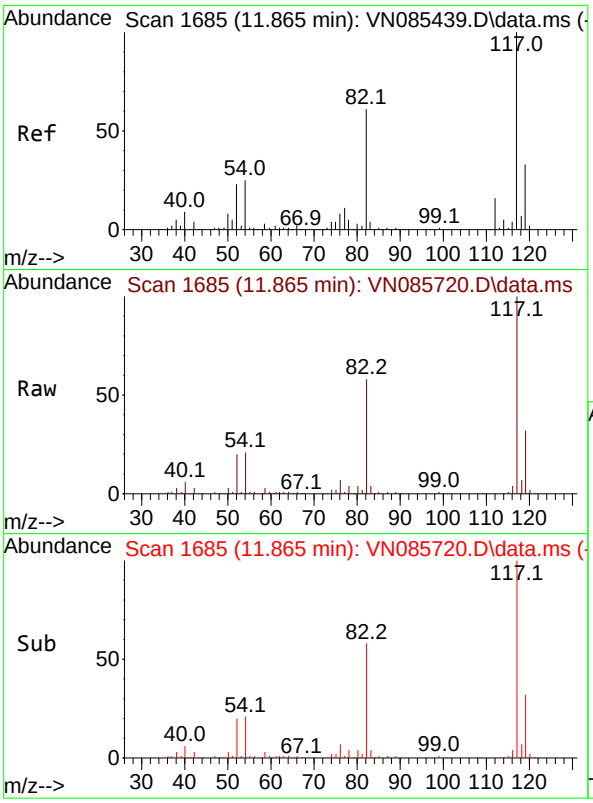


#62
4-Bromofluorobenzene
Concen: 44.177 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

Tgt Ion: 95 Resp: 174849

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	145.0
176	73.9	0.0	142.4



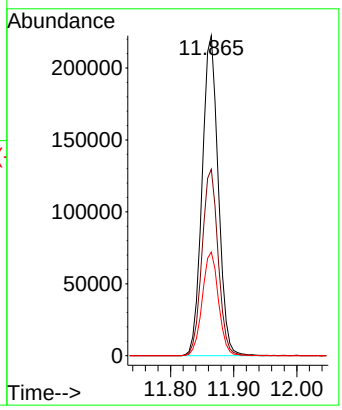


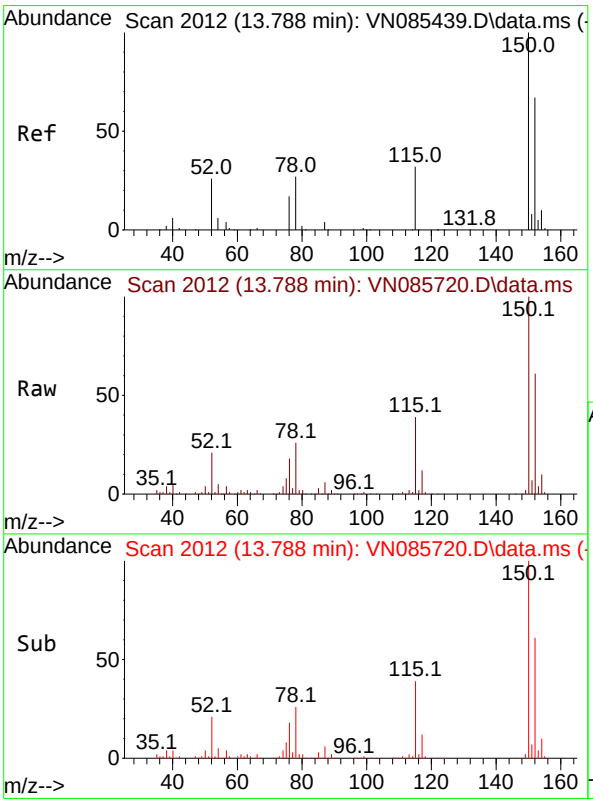
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

Tgt Ion:117 Resp: 394938

Ion	Ratio	Lower	Upper
117	100		
82	58.2	48.6	72.8
119	32.4	26.6	39.8

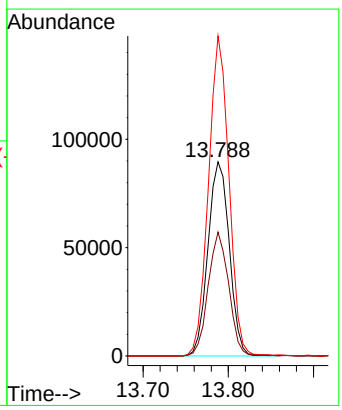




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

Tgt Ion:152 Resp: 156176

Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.1	93.3
150	157.8	0.0	343.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085720.D
Acq On : 10 Feb 2025 13:12
Operator : JC\MD
Sample : VN0210WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

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_N\methods\82N011425W.M
Title : SW846 8260

Signal : TIC: VN085720.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.812	139	146	153	rBV7	7222	16116	1.10%	0.214%
2	8.165	1045	1056	1060	rBV	223967	526229	35.78%	7.001%
3	8.218	1060	1065	1077	rVB	349844	788705	53.63%	10.493%
4	8.577	1115	1126	1135	rBV	239026	533892	36.31%	7.103%
5	8.771	1151	1159	1160	rBV4	10030	23172	1.58%	0.308%
6	9.100	1205	1215	1234	rBV	537670	1102022	74.94%	14.661%
7	10.565	1455	1464	1483	rBV	820391	1470572	100.00%	19.564%
8	11.865	1676	1685	1699	rBV	687962	1229949	83.64%	16.363%
9	12.847	1844	1852	1862	rBV	510153	860884	58.54%	11.453%
10	13.788	2005	2012	2024	rBV	572203	965006	65.62%	12.838%

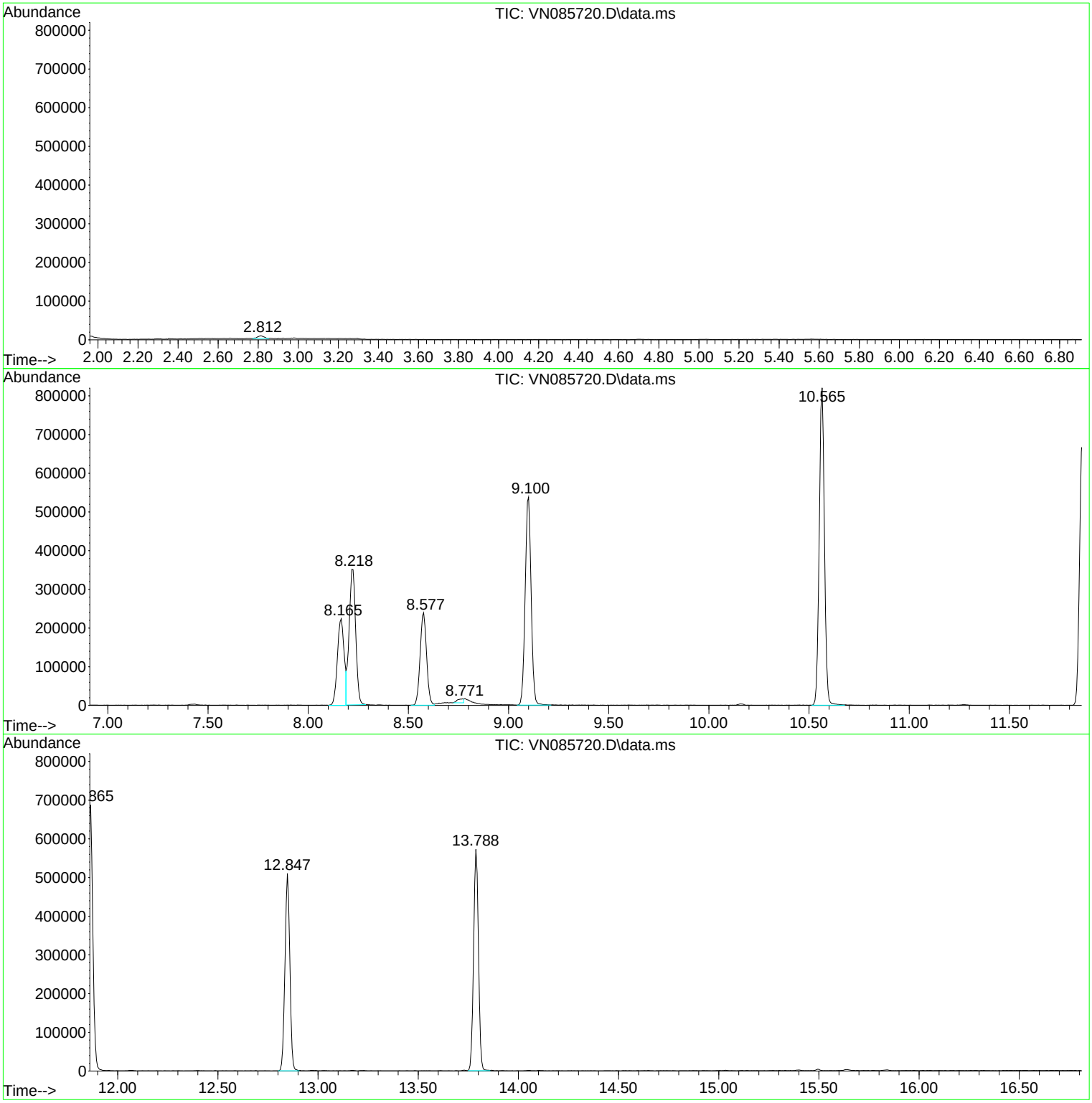
Sum of corrected areas: 7516547

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085720.D
Acq On : 10 Feb 2025 13:12
Operator : JC\MD
Sample : VN0210WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085720.D
Acq On : 10 Feb 2025 13:12
Operator : JC\MD
Sample : VN0210WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.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_N\Data\VN021025\
Data File : VN085720.D
Acq On : 10 Feb 2025 13:12
Operator : JC\MD
Sample : VN0210WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.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_N\Data\VN021025\
Data File : VN085721.D
Acq On : 10 Feb 2025 14:12
Operator : JC\MD
Sample : VN0210WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 11 03:20:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	320498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	543900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	477598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	232853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	203246	39.286	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	78.580%		
35) Dibromofluoromethane	8.165	113	167990	44.520	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.040%		
50) Toluene-d8	10.565	98	597282	44.551	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.100%		
62) 4-Bromofluorobenzene	12.847	95	213760	46.611	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.220%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	88331	20.355	ug/l	99
3) Chloromethane	2.359	50	83326	17.735	ug/l	98
4) Vinyl Chloride	2.512	62	88754	18.794	ug/l	99
5) Bromomethane	2.959	94	52768	18.498	ug/l	98
6) Chloroethane	3.124	64	53912	18.006	ug/l	97
7) Trichlorofluoromethane	3.501	101	123240	17.985	ug/l	97
8) Diethyl Ether	3.959	74	40137	16.955	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	72118	18.686	ug/l	97
10) Methyl Iodide	4.589	142	87760	19.856	ug/l	99
11) Tert butyl alcohol	5.518	59	51371	86.717	ug/l	99
12) 1,1-Dichloroethene	4.336	96	65001	18.897	ug/l	90
13) Acrolein	4.177	56	40936	50.621	ug/l	97
14) Allyl chloride	5.018	41	85957	15.400	ug/l	96
15) Acrylonitrile	5.718	53	155679	82.735	ug/l	99
16) Acetone	4.424	43	131435	78.628	ug/l	94
17) Carbon Disulfide	4.712	76	190875	18.023	ug/l #	94
18) Methyl Acetate	5.024	43	79755	15.690	ug/l	94
19) Methyl tert-butyl Ether	5.789	73	200083	17.914	ug/l	97
20) Methylene Chloride	5.277	84	75264	18.188	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	68149	18.539	ug/l	96
22) Diisopropyl ether	6.665	45	202767	16.367	ug/l	96
23) Vinyl Acetate	6.600	43	709850	81.875	ug/l	96
24) 1,1-Dichloroethane	6.565	63	130079	17.220	ug/l	98
25) 2-Butanone	7.477	43	192994	78.456	ug/l #	88
26) 2,2-Dichloropropane	7.489	77	116035	18.999	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	77257	17.843	ug/l	96
28) Bromochloromethane	7.812	49	57336	16.315	ug/l	89
29) Tetrahydrofuran	7.836	42	126475	81.095	ug/l	91
30) Chloroform	7.965	83	135647	17.374	ug/l	97
31) Cyclohexane	8.253	56	108881	16.583	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	119557	17.458	ug/l	95
36) 1,1-Dichloropropene	8.371	75	93549	17.665	ug/l	98
37) Ethyl Acetate	7.559	43	79822	14.933	ug/l	96
38) Carbon Tetrachloride	8.359	117	109315	18.030	ug/l	98
39) Methylcyclohexane	9.600	83	91915	18.470	ug/l	98
40) Benzene	8.606	78	290473	18.255	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085721.D
Acq On : 10 Feb 2025 14:12
Operator : JC\MD
Sample : VN0210WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 11 03:20:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	43060	15.484	ug/l		93
42) 1,2-Dichloroethane	8.665	62	98683	16.466	ug/l		97
43) Isopropyl Acetate	8.683	43	145019	16.931	ug/l		99
44) Trichloroethene	9.347	130	68649	18.534	ug/l		97
45) 1,2-Dichloropropane	9.618	63	69815	17.177	ug/l		100
46) Dibromomethane	9.706	93	50778	17.314	ug/l		96
47) Bromodichloromethane	9.882	83	105660	17.684	ug/l		100
48) Methyl methacrylate	9.677	41	61288	15.900	ug/l		93
49) 1,4-Dioxane	9.688	88	23751	365.912	ug/l		94
51) 4-Methyl-2-Pentanone	10.441	43	404517	81.388	ug/l		95
52) Toluene	10.624	92	179258	19.443	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	101058	17.898	ug/l		95
54) cis-1,3-Dichloropropene	10.306	75	110376	18.301	ug/l		94
55) 1,1,2-Trichloroethane	11.012	97	66822	18.314	ug/l		96
56) Ethyl methacrylate	10.871	69	94038	16.640	ug/l		89
57) 1,3-Dichloropropane	11.159	76	113364	17.868	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	200212	86.468	ug/l		97
59) 2-Hexanone	11.194	43	287586	82.233	ug/l		93
60) Dibromochloromethane	11.359	129	79667	18.085	ug/l		100
61) 1,2-Dibromoethane	11.471	107	66280	18.249	ug/l		99
64) Tetrachloroethene	11.100	164	64003	19.657	ug/l		99
65) Chlorobenzene	11.888	112	194870	18.625	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	68857	17.932	ug/l		98
67) Ethyl Benzene	11.959	91	319020	18.721	ug/l		98
68) m/p-Xylenes	12.071	106	251837	39.987	ug/l		97
69) o-Xylene	12.394	106	115933	19.262	ug/l		98
70) Styrene	12.406	104	196059	19.683	ug/l		98
71) Bromoform	12.576	173	52382	19.065	ug/l	#	99
73) Isopropylbenzene	12.694	105	292203	18.593	ug/l		99
74) N-amyl acetate	12.494	43	109562	15.510	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.935	83	93715	16.881	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	87763m	18.544	ug/l		
77) Bromobenzene	12.976	156	74162	18.062	ug/l		96
78) n-propylbenzene	13.035	91	346882	18.645	ug/l		99
79) 2-Chlorotoluene	13.123	91	215960	17.936	ug/l		96
80) 1,3,5-Trimethylbenzene	13.170	105	247091	19.035	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	32042m	18.317	ug/l		
82) 4-Chlorotoluene	13.218	91	222118	18.527	ug/l		98
83) tert-Butylbenzene	13.435	119	198026	18.165	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	249382	19.275	ug/l		99
85) sec-Butylbenzene	13.612	105	284863	18.854	ug/l		100
86) p-Isopropyltoluene	13.729	119	238678	19.005	ug/l		98
87) 1,3-Dichlorobenzene	13.729	146	139515	18.451	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	137627	17.560	ug/l		100
89) n-Butylbenzene	14.053	91	192550	17.764	ug/l		99
90) Hexachloroethane	14.329	117	49134	17.083	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	134016	17.768	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17393	17.157	ug/l		94
93) 1,2,4-Trichlorobenzene	15.388	180	60944	17.385	ug/l		99
94) Hexachlorobutadiene	15.494	225	32965	17.713	ug/l		96
95) Naphthalene	15.641	128	169714	16.224	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	60838	17.152	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085721.D
Acq On : 10 Feb 2025 14:12
Operator : JC\MD
Sample : VN0210WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 11 03:20:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

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

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

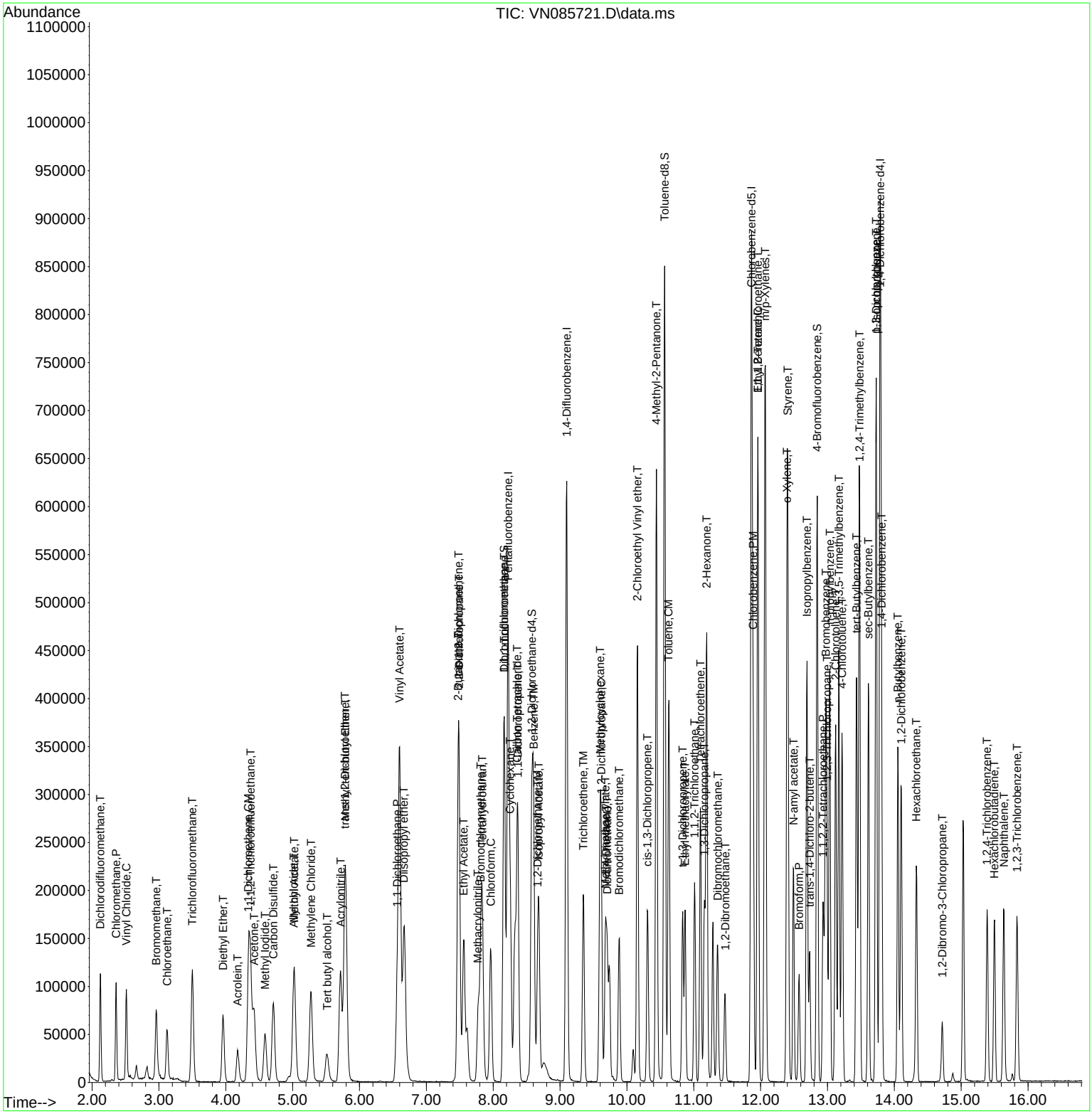
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085721.D
Acq On : 10 Feb 2025 14:12
Operator : JC\MD
Sample : VN0210WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 11 03:20:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085733.D
Acq On : 10 Feb 2025 18:59
Operator : JC\MD
Sample : VN0210WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 11 03:28:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBSD01

Manual Integrations APPROVED
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	231142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	403589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	358601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	166903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	186071	49.870	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.740%			
35) Dibromofluoromethane	8.165	113	152408	54.433	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.860%			
50) Toluene-d8	10.565	98	543357	54.619	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.240%			
62) 4-Bromofluorobenzene	12.847	95	195707	57.511	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	69902	22.336	ug/l	98
3) Chloromethane	2.359	50	69207	20.424	ug/l	98
4) Vinyl Chloride	2.512	62	73505	21.582	ug/l	97
5) Bromomethane	2.954	94	42642	20.727	ug/l	93
6) Chloroethane	3.118	64	45644	21.138	ug/l	94
7) Trichlorofluoromethane	3.501	101	101829	20.605	ug/l	96
8) Diethyl Ether	3.959	74	34304	20.093	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.365	101	57836	20.778	ug/l	98
10) Methyl Iodide	4.589	142	74089	23.243	ug/l	93
11) Tert butyl alcohol	5.518	59	48502	113.525	ug/l	99
12) 1,1-Dichloroethene	4.342	96	54189	21.844	ug/l	92
13) Acrolein	4.177	56	55543	95.236	ug/l	96
14) Allyl chloride	5.018	41	70783	17.584	ug/l	95
15) Acrylonitrile	5.718	53	136377	100.496	ug/l	99
16) Acetone	4.424	43	110809	91.915	ug/l	96
17) Carbon Disulfide	4.712	76	153388	20.082	ug/l	99
18) Methyl Acetate	5.024	43	70306	19.179	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	171132	21.245	ug/l	97
20) Methylene Chloride	5.271	84	62100	20.808	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	56508	21.315	ug/l	97
22) Diisopropyl ether	6.671	45	171243	19.166	ug/l	97
23) Vinyl Acetate	6.600	43	604661m	96.704	ug/l	
24) 1,1-Dichloroethane	6.571	63	108507	19.917	ug/l	98
25) 2-Butanone	7.483	43	168816	95.157	ug/l #	89
26) 2,2-Dichloropropane	7.489	77	93490	21.226	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	65572	20.999	ug/l	93
28) Bromochloromethane	7.812	49	56710	22.375	ug/l	86
29) Tetrahydrofuran	7.836	42	114064	101.411	ug/l	91
30) Chloroform	7.965	83	112224	19.931	ug/l	98
31) Cyclohexane	8.253	56	86612	18.291	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	102075	20.667	ug/l	95
36) 1,1-Dichloropropene	8.371	75	77259	19.661	ug/l	99
37) Ethyl Acetate	7.559	43	72999	18.404	ug/l	98
38) Carbon Tetrachloride	8.359	117	91209	20.274	ug/l	99
39) Methylcyclohexane	9.600	83	74319	20.126	ug/l	95
40) Benzene	8.606	78	248602	21.055	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085733.D
Acq On : 10 Feb 2025 18:59
Operator : JC\MD
Sample : VN0210WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 11 03:28:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	39995	19.381	ug/l		97
42) 1,2-Dichloroethane	8.671	62	86733	19.504	ug/l		99
43) Isopropyl Acetate	8.688	43	130144	20.477	ug/l		99
44) Trichloroethene	9.347	130	57172	20.802	ug/l		92
45) 1,2-Dichloropropane	9.618	63	59156	19.615	ug/l		97
46) Dibromomethane	9.706	93	43727	20.094	ug/l		95
47) Bromodichloromethane	9.882	83	89840	20.264	ug/l		99
48) Methyl methacrylate	9.677	41	55422	19.377	ug/l		92
49) 1,4-Dioxane	9.694	88	22461	466.342	ug/l		95
51) 4-Methyl-2-Pentanone	10.441	43	364061	98.714	ug/l		95
52) Toluene	10.629	92	150953	22.065	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	86648	20.681	ug/l		97
54) cis-1,3-Dichloropropene	10.312	75	94546	21.126	ug/l		92
55) 1,1,2-Trichloroethane	11.012	97	57705	21.313	ug/l		98
56) Ethyl methacrylate	10.871	69	83395	19.510	ug/l		91
57) 1,3-Dichloropropane	11.159	76	97185	20.644	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	181891	105.866	ug/l		97
59) 2-Hexanone	11.194	43	262185	101.034	ug/l		93
60) Dibromochloromethane	11.359	129	69068	21.130	ug/l		99
61) 1,2-Dibromoethane	11.465	107	57030	21.161	ug/l		100
64) Tetrachloroethene	11.100	164	52118	21.319	ug/l		95
65) Chlorobenzene	11.888	112	163378	20.797	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.959	131	60097	20.844	ug/l		98
67) Ethyl Benzene	11.959	91	278845	21.793	ug/l		100
68) m/p-Xylenes	12.071	106	214296	45.317	ug/l		97
69) o-Xylene	12.394	106	103912	22.994	ug/l		97
70) Styrene	12.406	104	170141	22.749	ug/l		98
71) Bromoform	12.576	173	45609	22.108	ug/l	#	98
73) Isopropylbenzene	12.694	105	258819	22.976	ug/l		98
74) N-amyl acetate	12.494	43	100274	19.805	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.935	83	82681	20.779	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	64639m	19.054	ug/l		
77) Bromobenzene	12.976	156	63556	21.596	ug/l		94
78) n-propylbenzene	13.035	91	294746	22.103	ug/l		98
79) 2-Chlorotoluene	13.123	91	187503	21.725	ug/l		98
80) 1,3,5-Trimethylbenzene	13.171	105	209301	22.494	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.735	75	26603	21.217	ug/l		86
82) 4-Chlorotoluene	13.218	91	184197	21.435	ug/l		97
83) tert-Butylbenzene	13.435	119	179417	22.962	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	215295	23.216	ug/l		99
85) sec-Butylbenzene	13.612	105	250416	23.123	ug/l		99
86) p-Isopropyltoluene	13.723	119	210787	23.155	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	116748	21.541	ug/l		97
88) 1,4-Dichlorobenzene	13.812	146	112036	19.943	ug/l		99
89) n-Butylbenzene	14.053	91	177324	22.824	ug/l		96
90) Hexachloroethane	14.329	117	39638	19.226	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	113871	21.063	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15149	20.849	ug/l		84
93) 1,2,4-Trichlorobenzene	15.388	180	54735	21.784	ug/l		98
94) Hexachlorobutadiene	15.500	225	25144	18.849	ug/l		94
95) Naphthalene	15.635	128	185618	24.756	ug/l		97
96) 1,2,3-Trichlorobenzene	15.835	180	53261	20.949	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085733.D
Acq On : 10 Feb 2025 18:59
Operator : JC\MD
Sample : VN0210WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 11 03:28:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

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

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

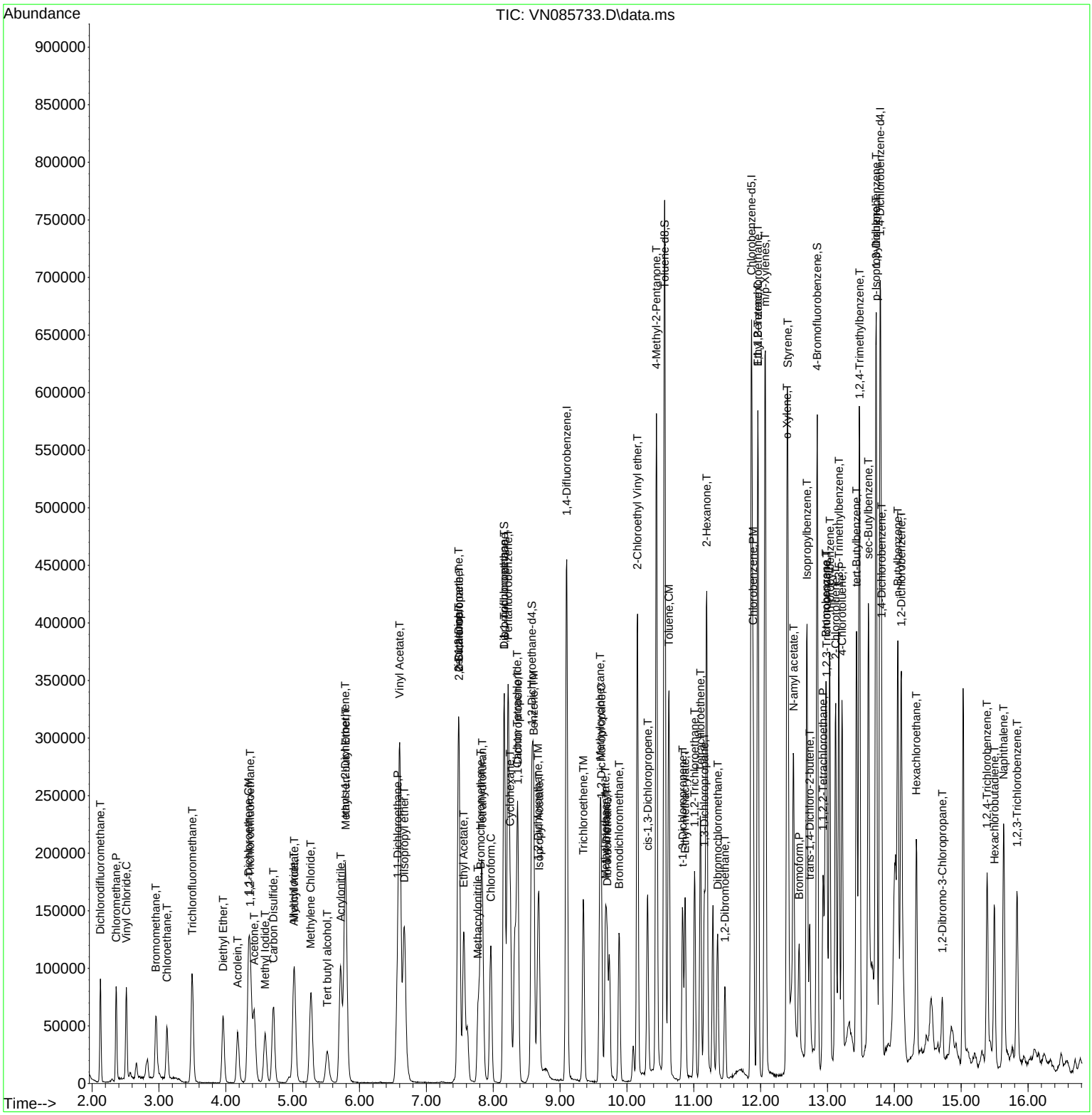
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085733.D
Acq On : 10 Feb 2025 18:59
Operator : JC\MD
Sample : VN0210WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 11 03:28:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



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

Manual Integration Report

Sequence:	VN011425	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN085438.D	1,2,3-Trichloropropane	JOHN	1/15/2025 9:31:09 AM	MMDadoda	1/15/2025 12:55:19 PM	Peak Integrated by Software
VSTDICCC050	VN085439.D	1,2,3-Trichloropropane	JOHN	1/15/2025 9:31:14 AM	MMDadoda	1/15/2025 12:55:22 PM	Peak Integrated by Software
VSTDICC020	VN085440.D	1,2,3-Trichloropropane	JOHN	1/15/2025 9:31:19 AM	MMDadoda	1/15/2025 12:55:25 PM	Peak Integrated by Software
VSTDICC020	VN085440.D	trans-1,4-Dichloro-2-but ene	JOHN	1/15/2025 9:31:19 AM	MMDadoda	1/15/2025 12:55:25 PM	Peak Integrated by Software
VSTDICC020	VN085440.D	Vinyl Acetate	JOHN	1/15/2025 9:31:19 AM	MMDadoda	1/15/2025 12:55:25 PM	Peak Integrated by Software
VSTDICC010	VN085441.D	1,2,3-Trichloropropane	JOHN	1/15/2025 9:31:23 AM	MMDadoda	1/15/2025 12:55:29 PM	Peak Integrated by Software
VSTDICC005	VN085442.D	1,2,3-Trichloropropane	JOHN	1/15/2025 9:31:28 AM	MMDadoda	1/15/2025 12:55:34 PM	Peak Integrated by Software
VSTDICC005	VN085442.D	Ethyl Acetate	JOHN	1/15/2025 9:31:28 AM	MMDadoda	1/15/2025 12:55:34 PM	Peak Integrated by Software
VSTDICC005	VN085442.D	Vinyl Acetate	JOHN	1/15/2025 9:31:28 AM	MMDadoda	1/15/2025 12:55:34 PM	Peak Integrated by Software
VSTDICC001	VN085443.D	1,1,2-Trichlorotrifluoroet hane	JOHN	1/15/2025 9:31:32 AM	MMDadoda	1/15/2025 12:55:39 PM	Peak Integrated by Software
VSTDICC001	VN085443.D	1,1-Dichloroethane	JOHN	1/15/2025 9:31:32 AM	MMDadoda	1/15/2025 12:55:39 PM	Peak Integrated by Software
VSTDICC001	VN085443.D	1,2,3-Trichloropropane	JOHN	1/15/2025 9:31:32 AM	MMDadoda	1/15/2025 12:55:39 PM	Peak Integrated by Software
VSTDICC001	VN085443.D	1,4-Dichlorobenzene	JOHN	1/15/2025 9:31:32 AM	MMDadoda	1/15/2025 12:55:39 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN011425	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN085443.D	2-Butanone	JOHN	1/15/2025 9:31:32 AM	MMDadoda	1/15/2025 12:55:39 PM	Peak Integrated by Software
VSTDICC001	VN085443.D	Ethyl Acetate	JOHN	1/15/2025 9:31:32 AM	MMDadoda	1/15/2025 12:55:39 PM	Peak Integrated by Software
VSTDICC001	VN085443.D	Vinyl Acetate	JOHN	1/15/2025 9:31:32 AM	MMDadoda	1/15/2025 12:55:39 PM	Peak Integrated by Software
VSTDICV050	VN085445.D	1,2,3-Trichloropropane	JOHN	1/15/2025 9:31:37 AM	MMDadoda	1/15/2025 12:55:43 PM	Peak Integrated by Software
VSTDICV050	VN085445.D	trans-1,4-Dichloro-2-but ene	JOHN	1/15/2025 9:31:37 AM	MMDadoda	1/15/2025 12:55:43 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN021025	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN085718.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:43:46 AM	MMDadoda	2/11/2025 2:05:44 PM	Peak Integrated by Software
VN0210WBS01	VN085721.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:43:50 AM	MMDadoda	2/11/2025 2:05:40 PM	Peak Integrated by Software
VN0210WBS01	VN085721.D	trans-1,4-Dichloro-2-but ene	JOHN	2/11/2025 9:43:50 AM	MMDadoda	2/11/2025 2:05:40 PM	Peak Integrated by Software
VN0210WBSD0 1	VN085733.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:44:14 AM	MMDadoda	2/11/2025 2:05:47 PM	Peak Integrated by Software
VN0210WBSD0 1	VN085733.D	Vinyl Acetate	JOHN	2/11/2025 9:44:14 AM	MMDadoda	2/11/2025 2:05:47 PM	Peak Integrated by Software
VSTDCCC050	VN085734.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:44:23 AM	MMDadoda	2/11/2025 2:05:49 PM	Peak Integrated by Software

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN011425

Review By	John Carlone	Review On	1/15/2025 9:31:51 AM				
Supervise By	Mahesh Dadoda	Supervise On	1/15/2025 12:55:51 PM				
SubDirectory	VN011425	HP Acquire Method	MSVOA_N		HP Processing Method	82N011425W.M	

STD. NAME	STD REF.#
Tune/Reschk	VP132529
Initial Calibration Stds	VP132530,VP132531,VP132532,VP132533,VP132534,VP132535
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP132544
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN085437.D	14 Jan 2025 14:22	JC\MD	Ok
2	VSTDICC100	VN085438.D	14 Jan 2025 14:56	JC\MD	Ok,M
3	VSTDICCC050	VN085439.D	14 Jan 2025 15:19	JC\MD	Ok,M
4	VSTDICC020	VN085440.D	14 Jan 2025 15:43	JC\MD	Ok,M
5	VSTDICC010	VN085441.D	14 Jan 2025 16:07	JC\MD	Ok,M
6	VSTDICC005	VN085442.D	14 Jan 2025 16:31	JC\MD	Ok,M
7	VSTDICC001	VN085443.D	14 Jan 2025 17:19	JC\MD	Ok,M
8	IBLK	VN085444.D	14 Jan 2025 17:42	JC\MD	Ok
9	VSTDICV050	VN085445.D	14 Jan 2025 18:06	JC\MD	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN021025

Review By	John Carlone	Review On	2/11/2025 10:13:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/11/2025 2:05:55 PM		
SubDirectory	VN021025	HP Acquire Method		HP Processing Method	82N011425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132957
Initial Calibration Stds	
CCC	VP132958,VP132959
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN085717.D	10 Feb 2025 09:49	JC\MD	Ok
2	VSTDCCC050	VN085718.D	10 Feb 2025 12:12	JC\MD	Ok,M
3	VN0210MBL01	VN085719.D	10 Feb 2025 12:48	JC\MD	Ok
4	VN0210WBL01	VN085720.D	10 Feb 2025 13:12	JC\MD	Ok
5	VN0210WBS01	VN085721.D	10 Feb 2025 14:12	JC\MD	Ok,M
6	VN0210MBS01	VN085722.D	10 Feb 2025 14:36	JC\MD	Ok,M
7	Q1293-01	VN085723.D	10 Feb 2025 15:00	JC\MD	Not Ok
8	Q1289-04ME	VN085724.D	10 Feb 2025 15:24	JC\MD	Not Ok
9	IBLK	VN085725.D	10 Feb 2025 15:48	JC\MD	Ok
10	VN0210MBSD01	VN085726.D	10 Feb 2025 16:12	JC\MD	Not Ok
11	Q1328-01	VN085727.D	10 Feb 2025 16:35	JC\MD	Ok
12	Q1328-02	VN085728.D	10 Feb 2025 16:59	JC\MD	Ok
13	Q1328-03	VN085729.D	10 Feb 2025 17:23	JC\MD	Ok
14	Q1328-04	VN085730.D	10 Feb 2025 17:47	JC\MD	Ok
15	Q1332-01	VN085731.D	10 Feb 2025 18:11	JC\MD	Dilution
16	Q1331-01	VN085732.D	10 Feb 2025 18:35	JC\MD	Ok
17	VN0210WBSD01	VN085733.D	10 Feb 2025 18:59	JC\MD	Ok,M
18	VSTDCCC050	VN085734.D	10 Feb 2025 19:23	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN011425

Review By	John Carlone	Review On	1/15/2025 9:31:51 AM		
Supervise By	Mahesh Dadoda	Supervise On	1/15/2025 12:55:51 PM		
SubDirectory	VN011425	HP Acquire Method	MSVOA_N	HP Processing Method	82N011425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132529
Initial Calibration Stds	VP132530,VP132531,VP132532,VP132533,VP132534,VP132535
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP132544
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN085437.D	14 Jan 2025 14:22		JC\MD	Ok
2	VSTDICC100	VSTDICC100	VN085438.D	14 Jan 2025 14:56		JC\MD	Ok,M
3	VSTDICCC050	VSTDICCC050	VN085439.D	14 Jan 2025 15:19	Comp.#56 is on Linear Regression	JC\MD	Ok,M
4	VSTDICC020	VSTDICC020	VN085440.D	14 Jan 2025 15:43	Comp.#86 is on Quadratic Regression	JC\MD	Ok,M
5	VSTDICC010	VSTDICC010	VN085441.D	14 Jan 2025 16:07		JC\MD	Ok,M
6	VSTDICC005	VSTDICC005	VN085442.D	14 Jan 2025 16:31		JC\MD	Ok,M
7	VSTDICC001	VSTDICC001	VN085443.D	14 Jan 2025 17:19		JC\MD	Ok,M
8	IBLK	IBLK	VN085444.D	14 Jan 2025 17:42		JC\MD	Ok
9	VSTDICV050	ICVVN011425	VN085445.D	14 Jan 2025 18:06		JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN021025

Review By	John Carlone	Review On	2/11/2025 10:13:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/11/2025 2:05:55 PM		
SubDirectory	VN021025	HP Acquire Method		HP Processing Method	82N011425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132957
Initial Calibration Stds	
CCC	VP132958,VP132959
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	VN085717.D	10 Feb 2025 09:49		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN085718.D	10 Feb 2025 12:12	CCAL failed high for comp. #68,69	JC\MD	Ok,M
3	VN0210MBL01	VN0210MBL01	VN085719.D	10 Feb 2025 12:48		JC\MD	Ok
4	VN0210WBL01	VN0210WBL01	VN085720.D	10 Feb 2025 13:12		JC\MD	Ok
5	VN0210WBS01	VN0210WBS01	VN085721.D	10 Feb 2025 14:12		JC\MD	Ok,M
6	VN0210MBS01	VN0210MBS01	VN085722.D	10 Feb 2025 14:36		JC\MD	Ok,M
7	Q1293-01	NWB-2123	VN085723.D	10 Feb 2025 15:00	CCAL failed high for comp. #68,69,BSD failed high for comp. #52,68,69; Need lower dilution	JC\MD	Not Ok
8	Q1289-04ME	FL-DRUMS-BME	VN085724.D	10 Feb 2025 15:24	not req	JC\MD	Not Ok
9	IBLK	IBLK	VN085725.D	10 Feb 2025 15:48		JC\MD	Ok
10	VN0210MBSD01	VN0210MBSD01	VN085726.D	10 Feb 2025 16:12	Recovery Fail	JC\MD	Not Ok
11	Q1328-01	Storage-Blank-SOIL-RE	VN085727.D	10 Feb 2025 16:35	vial A pH<2	JC\MD	Ok
12	Q1328-02	Storage-Blank-WATER-	VN085728.D	10 Feb 2025 16:59	vial A pH<2	JC\MD	Ok
13	Q1328-03	Storage-Blank-WATER-	VN085729.D	10 Feb 2025 17:23	vial A pH<2	JC\MD	Ok
14	Q1328-04	Storage-Blank-SAMLE-	VN085730.D	10 Feb 2025 17:47	vial A pH<2	JC\MD	Ok
15	Q1332-01	MW1	VN085731.D	10 Feb 2025 18:11	CCAL failed high for comp. #68,69,BSD failed high for comp. #52,68,69;Need 2X	JC\MD	Dilution
16	Q1331-01	MW1R	VN085732.D	10 Feb 2025 18:35	vial A pH<2	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN021025

Review By	John Carlone	Review On	2/11/2025 10:13:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/11/2025 2:05:55 PM		
SubDirectory	VN021025	HP Acquire Method		HP Processing Method	82N011425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132957
Initial Calibration Stds	
CCC	VP132958,VP132959
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

17	VN0210WBSD01	VN0210WBSD01	VN085733.D	10 Feb 2025 18:59	BSD failed high for comp. #52,68,69	JC\MD	Ok,M
18	VSTDCCC050	VSTDCCC050EC	VN085734.D	10 Feb 2025 19:23		JC\MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q1331	**OrderDate:**	2/7/2025 10:36:56 AM
Client:	G Environmental	**Project:**	Power
Contact:	Gary Landis	**Location:**	N41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1331-01	**MW1R**	**Water**			**02/06/25**			**02/07/25**
			VOC-TCLVOA-10	8260-Low			02/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1331

Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW1R									
Q1331-01	MW1R	WATER	Acenaphthene		49.800		0.84	5.2	ug/L
Q1331-01	MW1R	WATER	Fluorene		120.000	E	0.99	5.2	ug/L
Q1331-01	MW1R	WATER	Phenanthrene		200.000	E	0.92	5.2	ug/L
Q1331-01	MW1R	WATER	Pyrene		42.700		1.1	5.2	ug/L
Q1331-01	MW1R	WATER	Chrysene		4.000	J	0.89	5.2	ug/L
Q1331-01	MW1R	WATER	Bis(2-ethylhexyl)phthalate		10.700		1.9	5.2	ug/L
			Total Svoc :		**427.20**				
Q1331-01	MW1R	WATER	Cyclohexane, (2-methylpropyl)-	*	23.400	J	0	0	ug/L
Q1331-01	MW1R	WATER	Cyclohexane, 1,2,3-trimethyl-	*	2.200	J	0	0	ug/L
Q1331-01	MW1R	WATER	Cyclohexane, 1,2,3-trimethyl-, (1.	*	20.800	J	0	0	ug/L
Q1331-01	MW1R	WATER	Cyclohexane, 1,3-dimethyl-, cis-	*	14.200	J	0	0	ug/L
Q1331-01	MW1R	WATER	Cyclohexane, 1,4-dimethyl-, cis-	*	21.900	J	0	0	ug/L
Q1331-01	MW1R	WATER	Cyclohexane, 1-ethyl-2-methyl-	*	6.000	J	0	0	ug/L
Q1331-01	MW1R	WATER	Dodecane, 2,6,11-trimethyl-	*	2.900	J	0	0	ug/L
Q1331-01	MW1R	WATER	13-Docosenamide, (Z)-	*	60.000	J	0	0	ug/L
Q1331-01	MW1R	WATER	4-Isopropyl-1,3-cyclohexanedione	*	46.500	J	0	0	ug/L
Q1331-01	MW1R	WATER	Heptane, 3-ethyl-2-methyl-	*	6.000	J	0	0	ug/L
Q1331-01	MW1R	WATER	Isobutyl tetradecyl carbonate	*	4.200	J	0	0	ug/L
Q1331-01	MW1R	WATER	Naphthalene, decahydro-, trans-	*	21.000	J	0	0	ug/L
Q1331-01	MW1R	WATER	Nonane, 3-methyl-	*	20.500	J	0	0	ug/L
Q1331-01	MW1R	WATER	Sulfurous acid, cyclohexylmethyl	*	2.400	J	0	0	ug/L
Q1331-01	MW1R	WATER	unknown5.940	*	5.800	J	0	0	ug/L
Q1331-01	MW1R	WATER	unknown6.222	*	12.900	J	0	0	ug/L
Q1331-01	MW1R	WATER	unknown6.851	*	10.900	J	0	0	ug/L
Q1331-01	MW1R	WATER	unknown7.445	*	20.600	J	0	0	ug/L
Q1331-01	MW1R	WATER	Carbonic acid, hexadecyl prop-1-e	*	19.800	J	0	0	ug/L
Q1331-01	MW1R	WATER	1-Methylnaphthalene	*	52.300	J	0.89	5.2	ug/L
			Total Tics :		**374.30**				
			Total Concentration:		**801.50**				
Client ID : MW1RDL									
Q1331-01DL	MW1RDL	WATER	Acenaphthene		70.800	D	4.2	25.8	ug/L
Q1331-01DL	MW1RDL	WATER	Fluorene		180.000	D	4.9	25.8	ug/L
Q1331-01DL	MW1RDL	WATER	Phenanthrene		280.000	D	4.6	25.8	ug/L
Q1331-01DL	MW1RDL	WATER	Pyrene		74.200	D	5.5	25.8	ug/L
Q1331-01DL	MW1RDL	WATER	Bis(2-ethylhexyl)phthalate		12.100	JD	9.7	25.8	ug/L
			Total Svoc :		**617.10**				

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Hit Summary Sheet
SW-846

SDG No.: Q1331

Client: G Environmental

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
		Total Concentration:	**617.10**				

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental			Date Collected:	02/06/25
Project:	Power			Date Received:	02/07/25
Client Sample ID:	MW1R			SDG No.:	Q1331
Lab Sample ID:	Q1331-01			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	970	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF141623.D	1	02/10/25 08:35	02/13/25 19:01	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.3	ug/L
108-95-2	Phenol	0.96	U	0.96	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1.20	5.20	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	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)	1.40	U	1.40	5.20	ug/L
98-86-2	Acetophenone	1.10	U	1.10	5.20	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.20	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.20	ug/L
78-59-1	Isophorone	1.20	U	1.20	5.20	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.20	ug/L
105-67-9	2,4-Dimethylphenol	1.60	U	1.60	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.10	U	1.10	5.20	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	5.20	ug/L
91-20-3	Naphthalene	1.10	U	1.10	5.20	ug/L
106-47-8	4-Chloroaniline	1.30	UQ	1.30	5.20	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.20	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	5.20	ug/L
91-57-6	2-Methylnaphthalene	1.20	U	1.20	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	5.20	U	5.20	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.20	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	5.20	ug/L
91-58-7	2-Chloronaphthalene	1.00	U	1.00	5.20	ug/L
88-74-4	2-Nitroaniline	1.50	U	1.50	5.20	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	5.20	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1R	SDG No.:	Q1331
Lab Sample ID:	Q1331-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141623.D	1	02/10/25 08:35	02/13/25 19:01	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1.10	U	1.10	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	1.30	U	1.30	5.20	ug/L
99-09-2	3-Nitroaniline	1.40	UQ	1.40	5.20	ug/L
83-32-9	Acenaphthene	49.8		0.84	5.20	ug/L
51-28-5	2,4-Dinitrophenol	6.60	U	6.60	10.3	ug/L
100-02-7	4-Nitrophenol	2.10	U	2.10	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	1.60	U	1.60	5.20	ug/L
84-66-2	Diethylphthalate	1.10	U	1.10	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.00	U	1.00	5.20	ug/L
86-73-7	Fluorene	120	E	0.99	5.20	ug/L
100-01-6	4-Nitroaniline	2.10	U	2.10	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.20	U	3.20	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	U	0.92	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	5.20	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.20	ug/L
1912-24-9	Atrazine	1.30	U	1.30	5.20	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.3	ug/L
85-01-8	Phenanthrene	200	E	0.92	5.20	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.20	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.20	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.20	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.20	ug/L
129-00-0	Pyrene	42.7		1.10	5.20	ug/L
85-68-7	Butylbenzylphthalate	2.20	U	2.20	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	UQ	1.30	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	5.20	ug/L
218-01-9	Chrysene	4.00	J	0.89	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.7		1.90	5.20	ug/L
117-84-0	Di-n-octyl phthalate	2.60	U	2.60	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.20	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	02/06/25
Project:	Power			Date Received:	02/07/25
Client Sample ID:	MW1R			SDG No.:	Q1331
Lab Sample ID:	Q1331-01			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	970	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF141623.D	1	02/10/25 08:35	02/13/25 19:01	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.20	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.10	U	1.10	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	U	1.10	5.20	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	37.7		15 (10) - 110 (139)	25%	SPK: 150
13127-88-3	Phenol-d6	27.3		15 (10) - 110 (134)	18%	SPK: 150
4165-60-0	Nitrobenzene-d5	122		30 (49) - 130 (133)	122%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.0		30 (52) - 130 (132)	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	162		15 (44) - 110 (137)	108%	SPK: 150
1718-51-0	Terphenyl-d14	64.0		30 (48) - 130 (125)	64%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	71600	6.793			
1146-65-2	Naphthalene-d8	197000	8.087			
15067-26-2	Acenaphthene-d10	75200	9.934			
1517-22-2	Phenanthrene-d10	109000	11.428			
1719-03-5	Chrysene-d12	178000	13.974			
1520-96-3	Perylene-d12	198000	15.404			
TENTATIVE IDENTIFIED COMPOUNDS						
001678-97-3	Cyclohexane, 1,2,3-trimethyl-	2.20	J		5.55	ug/L
1010309-21-6	Sulfurous acid, cyclohexylmethyl h	2.40	J		5.64	ug/L
003728-54-9	Cyclohexane, 1-ethyl-2-methyl-	6.00	J		5.80	ug/L
959275-58-2	Isobutyl tetradecyl carbonate	4.20	J		5.85	ug/L
	unknown5.940	5.80	J		5.94	ug/L
031295-56-4	Dodecane, 2,6,11-trimethyl-	2.90	J		5.99	ug/L
005911-04-6	Nonane, 3-methyl-	20.5	J		6.03	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	02/06/25
Project:	Power			Date Received:	02/07/25
Client Sample ID:	MW1R			SDG No.:	Q1331
Lab Sample ID:	Q1331-01			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	970	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF141623.D	1	02/10/25 08:35	02/13/25 19:01	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
014676-29-0	Heptane, 3-ethyl-2-methyl-	6.00	J		6.09	ug/L
	unknown6.222	12.9	J		6.22	ug/L
001678-81-5	Cyclohexane, 1,2,3-trimethyl-, (1.	20.8	J		6.32	ug/L
000624-29-3	Cyclohexane, 1,4-dimethyl-, cis-	21.9	J		6.53	ug/L
000638-04-0	Cyclohexane, 1,3-dimethyl-, cis-	14.2	J		6.65	ug/L
	unknown6.851	10.9	J		6.85	ug/L
1000382-90-3	Carbonic acid, hexadecyl prop-1-en	19.8	J		6.92	ug/L
001678-98-4	Cyclohexane, (2-methylpropyl)-	23.4	J		6.95	ug/L
062831-62-3	4-Isopropyl-1,3-cyclohexanedione	46.5	J		7.06	ug/L
000493-02-7	Naphthalene, decahydro-, trans-	21.0	J		7.19	ug/L
	unknown7.445	20.6	J		7.45	ug/L
90-12-0	1-Methylnaphthalene	52.3	J		8.97	ug/L
000112-84-5	13-Docosenamide, (Z)-	60.0	J		14.7	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

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Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1RDL	SDG No.:	Q1331
Lab Sample ID:	Q1331-01DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141648.D	5	02/10/25 08:35	02/14/25 19:08	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	20.6	UD	20.6	51.5	ug/L
108-95-2	Phenol	4.80	UD	4.80	25.8	ug/L
111-44-4	bis(2-Chloroethyl)ether	6.10	UD	6.10	25.8	ug/L
95-57-8	2-Chlorophenol	3.70	UD	3.70	25.8	ug/L
95-48-7	2-Methylphenol	5.80	UD	5.80	25.8	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	7.00	UD	7.00	25.8	ug/L
98-86-2	Acetophenone	5.70	UD	5.70	25.8	ug/L
65794-96-9	3+4-Methylphenols	5.90	UD	5.90	51.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	7.60	UD	7.60	12.9	ug/L
67-72-1	Hexachloroethane	5.20	UD	5.20	25.8	ug/L
98-95-3	Nitrobenzene	6.50	UD	6.50	25.8	ug/L
78-59-1	Isophorone	5.90	UD	5.90	25.8	ug/L
88-75-5	2-Nitrophenol	10.1	UD	10.1	25.8	ug/L
105-67-9	2,4-Dimethylphenol	7.80	UD	7.80	25.8	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.30	UD	5.30	25.8	ug/L
120-83-2	2,4-Dichlorophenol	4.50	UD	4.50	25.8	ug/L
91-20-3	Naphthalene	5.30	UD	5.30	25.8	ug/L
106-47-8	4-Chloroaniline	6.70	UDQ	6.70	25.8	ug/L
87-68-3	Hexachlorobutadiene	6.50	UD	6.50	25.8	ug/L
105-60-2	Caprolactam	8.50	UD	8.50	51.5	ug/L
59-50-7	4-Chloro-3-methylphenol	4.30	UD	4.30	25.8	ug/L
91-57-6	2-Methylnaphthalene	5.80	UD	5.80	25.8	ug/L
77-47-4	Hexachlorocyclopentadiene	25.9	UD	25.9	51.5	ug/L
88-06-2	2,4,6-Trichlorophenol	4.60	UD	4.60	25.8	ug/L
95-95-4	2,4,5-Trichlorophenol	5.20	UD	5.20	25.8	ug/L
92-52-4	1,1-Biphenyl	4.70	UD	4.70	25.8	ug/L
91-58-7	2-Chloronaphthalene	5.00	UD	5.00	25.8	ug/L
88-74-4	2-Nitroaniline	7.30	UD	7.30	25.8	ug/L
131-11-3	Dimethylphthalate	4.80	UD	4.80	25.8	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1RDL	SDG No.:	Q1331
Lab Sample ID:	Q1331-01DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141648.D	5	02/10/25 08:35	02/14/25 19:08	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.40	UD	5.40	25.8	ug/L
606-20-2	2,6-Dinitrotoluene	6.40	UD	6.40	25.8	ug/L
99-09-2	3-Nitroaniline	7.10	UDQ	7.10	25.8	ug/L
83-32-9	Acenaphthene	70.8	D	4.20	25.8	ug/L
51-28-5	2,4-Dinitrophenol	33.1	UD	33.1	51.5	ug/L
100-02-7	4-Nitrophenol	10.3	UD	10.3	51.5	ug/L
132-64-9	Dibenzofuran	4.80	UD	4.80	25.8	ug/L
121-14-2	2,4-Dinitrotoluene	7.80	UD	7.80	25.8	ug/L
84-66-2	Diethylphthalate	5.40	UD	5.40	25.8	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.10	UD	5.10	25.8	ug/L
86-73-7	Fluorene	180	D	4.90	25.8	ug/L
100-01-6	4-Nitroaniline	10.5	UD	10.5	25.8	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	15.8	UD	15.8	51.5	ug/L
86-30-6	n-Nitrosodiphenylamine	4.60	UD	4.60	25.8	ug/L
101-55-3	4-Bromophenyl-phenylether	4.90	UD	4.90	25.8	ug/L
118-74-1	Hexachlorobenzene	5.90	UD	5.90	25.8	ug/L
1912-24-9	Atrazine	6.50	UD	6.50	25.8	ug/L
87-86-5	Pentachlorophenol	9.50	UD	9.50	51.5	ug/L
85-01-8	Phenanthrene	280	D	4.60	25.8	ug/L
120-12-7	Anthracene	5.50	UD	5.50	25.8	ug/L
86-74-8	Carbazole	5.90	UD	5.90	25.8	ug/L
84-74-2	Di-n-butylphthalate	7.60	UD	7.60	25.8	ug/L
206-44-0	Fluoranthene	6.60	UD	6.60	25.8	ug/L
129-00-0	Pyrene	74.2	D	5.50	25.8	ug/L
85-68-7	Butylbenzylphthalate	10.8	UD	10.8	25.8	ug/L
91-94-1	3,3-Dichlorobenzidine	6.60	UDQ	6.60	51.5	ug/L
56-55-3	Benzo(a)anthracene	4.80	UD	4.80	25.8	ug/L
218-01-9	Chrysene	4.40	UD	4.40	25.8	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	12.1	JD	9.70	25.8	ug/L
117-84-0	Di-n-octyl phthalate	12.9	UD	12.9	51.5	ug/L
205-99-2	Benzo(b)fluoranthene	5.90	UD	5.90	25.8	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	02/06/25
Project:	Power			Date Received:	02/07/25
Client Sample ID:	MW1RDL			SDG No.:	Q1331
Lab Sample ID:	Q1331-01DL			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	970	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF141648.D	5	02/10/25 08:35	02/14/25 19:08	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	6.10	UD	6.10	25.8	ug/L
50-32-8	Benzo(a)pyrene	8.60	UD	8.60	25.8	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.30	UD	5.30	25.8	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.90	UD	5.90	25.8	ug/L
191-24-2	Benzo(g,h,i)perylene	6.10	UD	6.10	25.8	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.60	UD	5.60	25.8	ug/L
123-91-1	1,4-Dioxane	6.40	UD	6.40	25.8	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.10	UD	4.10	25.8	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	37.3		15 (10) - 110 (139)	25%	SPK: 150
13127-88-3	Phenol-d6	30.5		15 (10) - 110 (134)	20%	SPK: 150
4165-60-0	Nitrobenzene-d5	102		30 (49) - 130 (133)	102%	SPK: 100
321-60-8	2-Fluorobiphenyl	128		30 (52) - 130 (132)	128%	SPK: 100
118-79-6	2,4,6-Tribromophenol	153		15 (44) - 110 (137)	102%	SPK: 150
1718-51-0	Terphenyl-d14	96.7		30 (48) - 130 (125)	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	69700	6.787			
1146-65-2	Naphthalene-d8	255000	8.075			
15067-26-2	Acenaphthene-d10	116000	9.851			
1517-22-2	Phenanthrene-d10	176000	11.339			
1719-03-5	Chrysene-d12	139000	13.951			
1520-96-3	Perylene-d12	159000	15.398			

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

SW-846

SDG No.: Q1331

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB166641BL	PB166641BL	2-Fluorophenol	150	133	89		15 (10)	110 (139)
		Phenol-d6	150	132	88		15 (10)	110 (134)
		Nitrobenzene-d5	100	92.8	93		30 (49)	130 (133)
		2-Fluorobiphenyl	100	93.2	93		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	139	92		15 (44)	110 (137)
		Terphenyl-d14	100	85.4	85		30 (48)	130 (125)
PB166641BS	PB166641BS	2-Fluorophenol	150	126	84		15 (10)	110 (139)
		Phenol-d6	150	125	83		15 (10)	110 (134)
		Nitrobenzene-d5	100	88.3	88		30 (49)	130 (133)
		2-Fluorobiphenyl	100	88.5	89		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	132	88		15 (44)	110 (137)
		Terphenyl-d14	100	97.3	97		30 (48)	130 (125)
PB166641BSD	PB166641BSD	2-Fluorophenol	150	128	85		15 (10)	110 (139)
		Phenol-d6	150	125	83		15 (10)	110 (134)
		Nitrobenzene-d5	100	87.8	88		30 (49)	130 (133)
		2-Fluorobiphenyl	100	86.6	87		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	130	86		15 (44)	110 (137)
		Terphenyl-d14	100	93.2	93		30 (48)	130 (125)
Q1331-01	MW1R	2-Fluorophenol	150	37.7	25		15 (10)	110 (139)
		Phenol-d6	150	27.3	18		15 (10)	110 (134)
		Nitrobenzene-d5	100	122	122		30 (49)	130 (133)
		2-Fluorobiphenyl	100	89.0	89		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	162	108		15 (44)	110 (137)
		Terphenyl-d14	100	64.0	64		30 (48)	130 (125)
Q1331-01DL	MW1RDL	2-Fluorophenol	150	37.3	25		15 (10)	110 (139)
		Phenol-d6	150	30.5	20		15 (10)	110 (134)
		Nitrobenzene-d5	100	102	102		30 (49)	130 (133)
		2-Fluorobiphenyl	100	128	128		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	153	102		15 (44)	110 (137)
		Terphenyl-d14	100	96.7	97		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.: Q1331

Client: G Environmental

Analytical Method: 8270E **DataFile:** BF141555.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB166641BS	Benzaldehyde	50	41.1	ug/L	82				20 (10)	160 (162)	
	Phenol	50	42.2	ug/L	84				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	42.6	ug/L	85				70 (62)	130 (103)	
	2-Chlorophenol	50	43.3	ug/L	87				70 (70)	130 (117)	
	2-Methylphenol	50	43.9	ug/L	88				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	42.8	ug/L	86				70 (65)	130 (100)	
	Acetophenone	50	46.2	ug/L	92				70 (60)	130 (104)	
	3+4-Methylphenols	50	43.8	ug/L	88				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	43.1	ug/L	86				70 (57)	130 (107)	
	Hexachloroethane	50	43.3	ug/L	87				20 (76)	160 (118)	
	Nitrobenzene	50	42.2	ug/L	84				70 (58)	130 (106)	
	Isophorone	50	47.0	ug/L	94				70 (61)	130 (102)	
	2-Nitrophenol	50	44.0	ug/L	88				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	55.2	ug/L	110				70 (42)	130 (142)	
	bis(2-Chloroethoxy)methane	50	43.8	ug/L	88				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	43.8	ug/L	88				70 (66)	130 (115)	
	Naphthalene	50	41.9	ug/L	84				70 (64)	130 (107)	
	4-Chloroaniline	50	24.0	ug/L	48		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	44.0	ug/L	88				70 (69)	130 (101)	
	Caprolactam	50	49.6	ug/L	99				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	43.5	ug/L	87				70 (65)	130 (114)	
	2-Methylnaphthalene	50	41.5	ug/L	83				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	150	ug/L	150				20 (36)	160 (160)	
	2,4,6-Trichlorophenol	50	43.7	ug/L	87				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	41.9	ug/L	84				70 (70)	130 (106)	
	1,1-Biphenyl	50	46.7	ug/L	93				70 (72)	130 (98)	
	2-Chloronaphthalene	50	43.0	ug/L	86				70 (59)	130 (106)	
	2-Nitroaniline	50	43.3	ug/L	87				70 (73)	130 (114)	
	Dimethylphthalate	50	43.3	ug/L	87				70 (64)	130 (103)	
	Acenaphthylene	50	45.1	ug/L	90				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	43.8	ug/L	88				70 (64)	130 (110)	
	3-Nitroaniline	50	27.2	ug/L	54		*		70 (28)	130 (100)	
	Acenaphthene	50	42.1	ug/L	84				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	96.1	ug/L	96				20 (36)	160 (166)	
	4-Nitrophenol	100	90.1	ug/L	90				20 (45)	160 (147)	
	Dibenzofuran	50	41.1	ug/L	82				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	44.9	ug/L	90				70 (60)	130 (115)	
	Diethylphthalate	50	42.8	ug/L	86				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	43.2	ug/L	86				70 (61)	130 (104)	
	Fluorene	50	43.1	ug/L	86				70 (64)	130 (107)	
	4-Nitroaniline	50	41.6	ug/L	83				70 (55)	130 (125)	
	4,6-Dinitro-2-methylphenol	50	44.6	ug/L	89				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	43.5	ug/L	87				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	43.5	ug/L	87				70 (73)	130 (103)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1331

Client: G Environmental

Analytical Method: 8270E **DataFile:** BF141555.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB166641BS	Hexachlorobenzene	50	44.5	ug/L	89				70 (73)	130 (106)	
	Atrazine	50	57.6	ug/L	115				70 (76)	130 (120)	
	Pentachlorophenol	100	84.9	ug/L	85				20 (47)	160 (114)	
	Phenanthrene	50	43.7	ug/L	87				70 (62)	130 (109)	
	Anthracene	50	45.0	ug/L	90				70 (65)	130 (110)	
	Carbazole	50	43.1	ug/L	86				70 (62)	130 (106)	
	Di-n-butylphthalate	50	44.7	ug/L	89				70 (64)	130 (106)	
	Fluoranthene	50	43.4	ug/L	87				70 (64)	130 (110)	
	Pyrene	50	44.1	ug/L	88				70 (71)	130 (103)	
	Butylbenzylphthalate	50	48.0	ug/L	96				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	29.3	ug/L	59		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	43.5	ug/L	87				70 (62)	130 (107)	
	Chrysene	50	42.7	ug/L	85				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	51.4	ug/L	103				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	48.6	ug/L	97				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	43.4	ug/L	87				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	41.0	ug/L	82				70 (77)	130 (105)	
	Benzo(a)pyrene	50	44.9	ug/L	90				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	46.9	ug/L	94				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	46.8	ug/L	94				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	43.6	ug/L	87				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	46.5	ug/L	93				70 (72)	130 (101)	
	1,4-Dioxane	50	39.8	ug/L	80				20 (38)	160 (125)	
	2,3,4,6-Tetrachlorophenol	50	43.4	ug/L	87				70 (63)	130 (116)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1331

Client: G Environmental

Analytical Method: 8270E **DataFile:** BF141556.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB166641BSD	Benzaldehyde	50	41.3	ug/L	83	0			20 (10)	160 (162)	20 (20)
	Phenol	50	41.8	ug/L	84	1			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	42.6	ug/L	85	0			70 (62)	130 (103)	20 (20)
	2-Chlorophenol	50	43.7	ug/L	87	1			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	44.0	ug/L	88	0			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	42.3	ug/L	85	1			70 (65)	130 (100)	20 (20)
	Acetophenone	50	45.5	ug/L	91	2			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	43.7	ug/L	87	0			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	43.4	ug/L	87	1			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	43.6	ug/L	87	1			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	41.4	ug/L	83	2			70 (58)	130 (106)	20 (20)
	Isophorone	50	45.7	ug/L	91	3			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	42.9	ug/L	86	3			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	55.4	ug/L	111	0			70 (42)	130 (142)	20 (20)
	bis(2-Chloroethoxy)methane	50	43.4	ug/L	87	1			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	42.7	ug/L	85	3			70 (66)	130 (115)	20 (20)
	Naphthalene	50	40.7	ug/L	81	3			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	22.8	ug/L	46	5	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	43.0	ug/L	86	2			70 (69)	130 (101)	20 (20)
	Caprolactam	50	48.9	ug/L	98	1			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	43.0	ug/L	86	1			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	40.5	ug/L	81	2			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	150	ug/L	150	0			20 (36)	160 (160)	20 (20)
	2,4,6-Trichlorophenol	50	41.8	ug/L	84	4			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	41.5	ug/L	83	1			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	45.3	ug/L	91	3			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	41.5	ug/L	83	4			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	42.1	ug/L	84	3			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	42.8	ug/L	86	1			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	43.9	ug/L	88	3			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	43.9	ug/L	88	0			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	26.7	ug/L	53	2	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	40.8	ug/L	82	3			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	95.3	ug/L	95	1			20 (36)	160 (166)	20 (20)
	4-Nitrophenol	100	87.1	ug/L	87	3			20 (45)	160 (147)	20 (20)
	Dibenzofuran	50	40.6	ug/L	81	1			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	44.1	ug/L	88	2			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	42.2	ug/L	84	1			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	42.3	ug/L	85	2			70 (61)	130 (104)	20 (20)
	Fluorene	50	41.4	ug/L	83	4			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	41.0	ug/L	82	1			70 (55)	130 (125)	20 (20)
	4,6-Dinitro-2-methylphenol	50	42.1	ug/L	84	6			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	42.6	ug/L	85	2			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	42.0	ug/L	84	4			70 (73)	130 (103)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1331

Client: G Environmental

Analytical Method: 8270E **DataFile:** BF141556.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB166641BSD	Hexachlorobenzene	50	43.7	ug/L	87	2			70 (73)	130 (106)	20 (20)
	Atrazine	50	55.6	ug/L	111	4			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	80.4	ug/L	80	5			20 (47)	160 (114)	20 (20)
	Phenanthrene	50	41.9	ug/L	84	4			70 (62)	130 (109)	20 (20)
	Anthracene	50	43.0	ug/L	86	5			70 (65)	130 (110)	20 (20)
	Carbazole	50	41.8	ug/L	84	3			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	44.0	ug/L	88	2			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	41.8	ug/L	84	4			70 (64)	130 (110)	20 (20)
	Pyrene	50	42.1	ug/L	84	5			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	47.6	ug/L	95	1			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	29.1	ug/L	58	1	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	42.3	ug/L	85	3			70 (62)	130 (107)	20 (20)
	Chrysene	50	41.8	ug/L	84	2			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	51.0	ug/L	102	1			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	48.2	ug/L	96	1			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	42.5	ug/L	85	2			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	42.4	ug/L	85	3			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	44.9	ug/L	90	0			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	46.1	ug/L	92	2			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	46.1	ug/L	92	2			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	42.4	ug/L	85	3			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	45.9	ug/L	92	1			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	39.7	ug/L	79	0			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	42.2	ug/L	84	3			70 (63)	130 (116)	20 (20)

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166641BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG NO.: Q1331

Lab File ID: BF141554.D Lab Sample ID: PB166641BL

Instrument ID: BNA_F Date Extracted: 02/10/2025

Matrix: (soil/water) Water Date Analyzed: 02/11/2025

Level: (low/med) LOW Time Analyzed: 11:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166641BS	PB166641BS	BF141555.D	02/11/2025
PB166641BSD	PB166641BSD	BF141556.D	02/11/2025
MW1R	Q1331-01	BF141623.D	02/13/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q1331 SDG NO.: Q1331

Lab File ID: BF141471.D DFTPP Injection Date: 02/06/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	43.2
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	49.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.4 (18.9) 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	BF141472.D	02/06/2025	11:07
SSTDICC005	SSTDICC005	BF141473.D	02/06/2025	11:34
SSTDICC010	SSTDICC010	BF141474.D	02/06/2025	12:00
SSTDICC020	SSTDICC020	BF141475.D	02/06/2025	12:26
SSTDICCC040	SSTDICCC040	BF141476.D	02/06/2025	12:55
SSTDICC050	SSTDICC050	BF141477.D	02/06/2025	13:21
SSTDICC060	SSTDICC060	BF141478.D	02/06/2025	13:47
SSTDICC080	SSTDICC080	BF141479.D	02/06/2025	14:14

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q1331 SDG NO.: Q1331

Lab File ID: BF141550.D DFTPP Injection Date: 02/11/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.7
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.4
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	48.6
197	Less than 2.0% of mass 198	0.0
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	28.2
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	15.6 (19.1) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF141551.D	02/11/2025	10:28
PB166641BL	PB166641BL	BF141554.D	02/11/2025	11:47
PB166641BS	PB166641BS	BF141555.D	02/11/2025	12:13
PB166641BSD	PB166641BSD	BF141556.D	02/11/2025	12:39

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q1331 SDG NO.: Q1331

Lab File ID: BF141602.D DFTPP Injection Date: 02/13/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.6
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	34.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	27.5
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16 (19.1) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF141603.D	02/13/2025	10:07
MW1R	Q1331-01	BF141623.D	02/13/2025	19:01

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q1331 SDG NO.: Q1331

Lab File ID: BF141638.D DFTPP Injection Date: 02/14/2025

Instrument ID: BNA_F DFTPP Injection Time: 14:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.8
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	36.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.6
197	Less than 2.0% of mass 198	0.0
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	27.2
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	15.6 (18.9) 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	BF141639.D	02/14/2025	15:04
MW1RDL	Q1331-01DL	BF141648.D	02/14/2025	19:08

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG NO.: Q1331

EPA Sample No.: SSTDCCC040 Date Analyzed: 02/11/2025

Lab File ID: BF141551.D Time Analyzed: 10:28

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	100982	6.793	399334	8.08	220290	9.83
	UPPER LIMIT	201964	7.293	798668	8.575	440580	10.328
	LOWER LIMIT	50491	6.293	199667	7.575	110145	9.328
	EPA SAMPLE NO.						
01	PB166641BL	97044	6.79	390720	8.07	219692	9.82
02	PB166641BS	98554	6.79	391258	8.07	220324	9.83
03	PB166641BSD	100463	6.79	407334	8.07	229450	9.83

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.: Q1331 SAS No.: Q1331 SDG NO.: Q1331

EPA Sample No.: SSTDCCC040 Date Analyzed: 02/11/2025

Lab File ID: BF141551.D Time Analyzed: 10:28

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	380364	11.31	221485	13.957	189149	15.41
	UPPER LIMIT	760728	11.81	442970	14.457	378298	15.91
	LOWER LIMIT	190182	10.81	110743	13.457	94574.5	14.91
	EPA SAMPLE NO.						
01	PB166641BL	401003	11.31	328820	13.95	255232	15.40
02	PB166641BS	382864	11.32	259250	13.96	202543	15.40
03	PB166641BSD	402356	11.32	278936	13.96	208701	15.40

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.: Q1331 SAS No.: Q1331 SDG NO.: Q1331

EPA Sample No.: SSTDCCC040 Date Analyzed: 02/13/2025

Lab File ID: BF141603.D Time Analyzed: 10:07

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #		RT #	IS3 (ANT) AREA #		RT #
	12 HOUR STD	101199	6.787	394924		8.07	212437		9.83
	UPPER LIMIT	202398	7.287	789848		8.569	424874		10.328
	LOWER LIMIT	50599.5	6.287	197462		7.569	106219		9.328
	EPA SAMPLE NO.								
01	MW1R	71628	6.79	196997	*	8.09	75171	*	9.93

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.: Q1331 SAS No.: Q1331 SDG NO.: Q1331

EPA Sample No.: SSTDCCC040 Date Analyzed: 02/13/2025

Lab File ID: BF141603.D Time Analyzed: 10:07

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	363954	11.31	215290	13.951	184975	15.41
	UPPER LIMIT	727908	11.81	430580	14.451	369950	15.91
	LOWER LIMIT	181977	10.81	107645	13.451	92487.5	14.91
	EPA SAMPLE NO.						
01	MW1R	109475 *	11.43	177815	13.97	197579	15.40

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.: Q1331 SAS No.: Q1331 SDG NO.: Q1331

EPA Sample No.: SSTDCCC040 Date Analyzed: 02/14/2025

Lab File ID: BF141639.D Time Analyzed: 15:04

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	108299	6.787	422251	8.07	233877	9.82
	UPPER LIMIT	216598	7.287	844502	8.569	467754	10.322
	LOWER LIMIT	54149.5	6.287	211126	7.569	116939	9.322
	EPA SAMPLE NO.						
01	MW1RDL	69665	6.79	254515	8.08	116077 *	9.85

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.: Q1331 SAS No.: Q1331 SDG NO.: Q1331

EPA Sample No.: SSTDCCC040 Date Analyzed: 02/14/2025

Lab File ID: BF141639.D Time Analyzed: 15:04

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	392888	11.31	250652	13.951	201903	15.421
	UPPER LIMIT	785776	11.81	501304	14.451	403806	15.921
	LOWER LIMIT	196444	10.81	125326	13.451	100952	14.921
	EPA SAMPLE NO.						
01	MW1RDL	175889 *	11.34	138765	13.95	158981	15.40

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:	Power			Date Received:	
Client Sample ID:	PB166641BL			SDG No.:	Q1331
Lab Sample ID:	PB166641BL			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF141554.D	1	02/10/25 08:35	02/11/25 11:47	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.00	U	4.00	10.0	ug/L
108-95-2	Phenol	0.93	U	0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1.20	5.00	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	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)	1.40	U	1.40	5.00	ug/L
98-86-2	Acetophenone	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.50	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.00	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.00	ug/L
78-59-1	Isophorone	1.10	U	1.10	5.00	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.50	U	1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.00	U	1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	5.00	ug/L
91-20-3	Naphthalene	1.00	U	1.00	5.00	ug/L
106-47-8	4-Chloroaniline	1.30	U	1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.00	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	1.10	U	1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	5.00	U	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	5.00	ug/L
88-74-4	2-Nitroaniline	1.40	U	1.40	5.00	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB166641BL	SDG No.:	Q1331
Lab Sample ID:	PB166641BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141554.D	1	02/10/25 08:35	02/11/25 11:47	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1.00	U	1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
99-09-2	3-Nitroaniline	1.40	U	1.40	5.00	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.40	U	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	2.00	U	2.00	10.0	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	5.00	ug/L
84-66-2	Diethylphthalate	1.00	U	1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	5.00	ug/L
86-73-7	Fluorene	0.96	U	0.96	5.00	ug/L
100-01-6	4-Nitroaniline	2.00	U	2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	1.10	U	1.10	5.00	ug/L
1912-24-9	Atrazine	1.30	U	1.30	5.00	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.0	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	5.00	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.00	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.00	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.00	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	2.10	U	2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	5.00	ug/L
218-01-9	Chrysene	0.86	U	0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.50	U	2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	1.10	U	1.10	5.00	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Power			Date Received:	
Client Sample ID:	PB166641BL			SDG No.:	Q1331
Lab Sample ID:	PB166641BL			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF141554.D	1	02/10/25 08:35	02/11/25 11:47	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	U	1.10	5.00	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	133		15 (10) - 110 (139)	89%	SPK: 150
13127-88-3	Phenol-d6	132		15 (10) - 110 (134)	88%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.8		30 (49) - 130 (133)	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.2		30 (52) - 130 (132)	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	139		15 (44) - 110 (137)	92%	SPK: 150
1718-51-0	Terphenyl-d14	85.4		30 (48) - 130 (125)	85%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	97000	6.787			
1146-65-2	Naphthalene-d8	391000	8.069			
15067-26-2	Acenaphthene-d10	220000	9.822			
1517-22-2	Phenanthrene-d10	401000	11.31			
1719-03-5	Chrysene-d12	329000	13.951			
1520-96-3	Perylene-d12	255000	15.404			

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:	Power			Date Received:	
Client Sample ID:	PB166641BS			SDG No.:	Q1331
Lab Sample ID:	PB166641BS			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF141555.D	1	02/10/25 08:35	02/11/25 12:13	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	41.1		4.00	10.0	ug/L
108-95-2	Phenol	42.2		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.6		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	43.3		0.71	5.00	ug/L
95-48-7	2-Methylphenol	43.9		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.8		1.40	5.00	ug/L
98-86-2	Acetophenone	46.2		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	43.8		1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.1		1.50	2.50	ug/L
67-72-1	Hexachloroethane	43.3		1.00	5.00	ug/L
98-95-3	Nitrobenzene	42.2		1.30	5.00	ug/L
78-59-1	Isophorone	47.0		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	44.0		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	55.2		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.8		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	43.8		0.88	5.00	ug/L
91-20-3	Naphthalene	41.9		1.00	5.00	ug/L
106-47-8	4-Chloroaniline	24.0		1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.0		1.30	5.00	ug/L
105-60-2	Caprolactam	49.6		1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	43.5		0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	41.5		1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	150	E	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	43.7		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	41.9		1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	46.7		0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	43.0		0.97	5.00	ug/L
88-74-4	2-Nitroaniline	43.3		1.40	5.00	ug/L
131-11-3	Dimethylphthalate	43.3		0.93	5.00	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Power			Date Received:	
Client Sample ID:	PB166641BS			SDG No.:	Q1331
Lab Sample ID:	PB166641BS			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF141555.D	1	02/10/25 08:35	02/11/25 12:13	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	45.1		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.8		1.20	5.00	ug/L
99-09-2	3-Nitroaniline	27.2		1.40	5.00	ug/L
83-32-9	Acenaphthene	42.1		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	96.1	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	90.1	E	2.00	10.0	ug/L
132-64-9	Dibenzofuran	41.1		0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	44.9		1.50	5.00	ug/L
84-66-2	Diethylphthalate	42.8		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.2		0.98	5.00	ug/L
86-73-7	Fluorene	43.1		0.96	5.00	ug/L
100-01-6	4-Nitroaniline	41.6		2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	44.6		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	43.5		0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	43.5		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	44.5		1.10	5.00	ug/L
1912-24-9	Atrazine	57.6		1.30	5.00	ug/L
87-86-5	Pentachlorophenol	84.9	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	43.7		0.89	5.00	ug/L
120-12-7	Anthracene	45.0		1.10	5.00	ug/L
86-74-8	Carbazole	43.1		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	44.7		1.50	5.00	ug/L
206-44-0	Fluoranthene	43.4		1.30	5.00	ug/L
129-00-0	Pyrene	44.1		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	48.0		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	29.3		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	43.5		0.94	5.00	ug/L
218-01-9	Chrysene	42.7		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.4		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	48.6		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	43.4		1.10	5.00	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Power			Date Received:	
Client Sample ID:	PB166641BS			SDG No.:	Q1331
Lab Sample ID:	PB166641BS			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF141555.D	1	02/10/25 08:35	02/11/25 12:13	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	41.0		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	44.9		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	46.9		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.8		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	43.6		1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.5		1.10	5.00	ug/L
123-91-1	1,4-Dioxane	39.8		1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	43.4		0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	126		15 (10) - 110 (139)	84%	SPK: 150
13127-88-3	Phenol-d6	125		15 (10) - 110 (134)	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.3		30 (49) - 130 (133)	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.5		30 (52) - 130 (132)	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		15 (44) - 110 (137)	88%	SPK: 150
1718-51-0	Terphenyl-d14	97.3		30 (48) - 130 (125)	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	98600	6.787			
1146-65-2	Naphthalene-d8	391000	8.069			
15067-26-2	Acenaphthene-d10	220000	9.828			
1517-22-2	Phenanthrene-d10	383000	11.316			
1719-03-5	Chrysene-d12	259000	13.957			
1520-96-3	Perylene-d12	203000	15.404			

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Power			Date Received:	
Client Sample ID:	PB166641BSD			SDG No.:	Q1331
Lab Sample ID:	PB166641BSD			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF141556.D	1	02/10/25 08:35	02/11/25 12:39	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	41.3		4.00	10.0	ug/L
108-95-2	Phenol	41.8		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.6		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	43.7		0.71	5.00	ug/L
95-48-7	2-Methylphenol	44.0		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.3		1.40	5.00	ug/L
98-86-2	Acetophenone	45.5		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	43.7		1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.4		1.50	2.50	ug/L
67-72-1	Hexachloroethane	43.6		1.00	5.00	ug/L
98-95-3	Nitrobenzene	41.4		1.30	5.00	ug/L
78-59-1	Isophorone	45.7		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	42.9		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	55.4		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.4		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	42.7		0.88	5.00	ug/L
91-20-3	Naphthalene	40.7		1.00	5.00	ug/L
106-47-8	4-Chloroaniline	22.8		1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.0		1.30	5.00	ug/L
105-60-2	Caprolactam	48.9		1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	43.0		0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	40.5		1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	150	E	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	41.8		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	41.5		1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	45.3		0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	41.5		0.97	5.00	ug/L
88-74-4	2-Nitroaniline	42.1		1.40	5.00	ug/L
131-11-3	Dimethylphthalate	42.8		0.93	5.00	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Power			Date Received:	
Client Sample ID:	PB166641BSD			SDG No.:	Q1331
Lab Sample ID:	PB166641BSD			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF141556.D	1	02/10/25 08:35	02/11/25 12:39	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	43.9		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.9		1.20	5.00	ug/L
99-09-2	3-Nitroaniline	26.7		1.40	5.00	ug/L
83-32-9	Acenaphthene	40.8		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	95.3	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	87.1	E	2.00	10.0	ug/L
132-64-9	Dibenzofuran	40.6		0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	44.1		1.50	5.00	ug/L
84-66-2	Diethylphthalate	42.2		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.3		0.98	5.00	ug/L
86-73-7	Fluorene	41.4		0.96	5.00	ug/L
100-01-6	4-Nitroaniline	41.0		2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	42.1		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	42.6		0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	42.0		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	43.7		1.10	5.00	ug/L
1912-24-9	Atrazine	55.6		1.30	5.00	ug/L
87-86-5	Pentachlorophenol	80.4	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	41.9		0.89	5.00	ug/L
120-12-7	Anthracene	43.0		1.10	5.00	ug/L
86-74-8	Carbazole	41.8		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	44.0		1.50	5.00	ug/L
206-44-0	Fluoranthene	41.8		1.30	5.00	ug/L
129-00-0	Pyrene	42.1		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	47.6		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	29.1		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	42.3		0.94	5.00	ug/L
218-01-9	Chrysene	41.8		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.0		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	48.2		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	42.5		1.10	5.00	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Power			Date Received:	
Client Sample ID:	PB166641BSD			SDG No.:	Q1331
Lab Sample ID:	PB166641BSD			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF141556.D	1	02/10/25 08:35	02/11/25 12:39	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	42.4		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	44.9		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	46.1		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.1		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	42.4		1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.9		1.10	5.00	ug/L
123-91-1	1,4-Dioxane	39.7		1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	42.2		0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	128		15 (10) - 110 (139)	85%	SPK: 150
13127-88-3	Phenol-d6	125		15 (10) - 110 (134)	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.8		30 (49) - 130 (133)	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.6		30 (52) - 130 (132)	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		15 (44) - 110 (137)	86%	SPK: 150
1718-51-0	Terphenyl-d14	93.2		30 (48) - 130 (125)	93%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	100000	6.787			
1146-65-2	Naphthalene-d8	407000	8.069			
15067-26-2	Acenaphthene-d10	229000	9.828			
1517-22-2	Phenanthrene-d10	402000	11.316			
1719-03-5	Chrysene-d12	279000	13.957			
1520-96-3	Perylene-d12	209000	15.404			

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_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Feb 06 16:58:59 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF141472.D 5 =BF141473.D 10 =BF141474.D 20 =BF141475.D 40 =BF141476.D 50 =BF141477.D 60 =BF141478.D 80 =BF1414
79.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.511	0.519	0.523	0.517	0.502	0.521	0.501	0.513	1.73
3)		Pyridine		1.053	1.205	1.311	1.263	1.256	1.261	1.204	1.222	6.79
4)		n-Nitrosodimet...		0.737	0.774	0.820	0.818	0.835	0.846	0.833	0.809	4.83
5)	S	2-Fluorophenol		1.235	1.290	1.365	1.289	1.273	1.264	1.214	1.276	3.77
6)		Aniline		1.476	1.545	1.650	1.538	1.506	1.494	1.379	1.513	5.42
7)	S	Phenol-d6		1.619	1.629	1.704	1.613	1.599	1.585	1.538	1.612	3.13
8)		2-Chlorophenol		1.399	1.410	1.446	1.379	1.368	1.345	1.302	1.378	3.38
9)		Benzaldehyde		0.892	0.993	0.981	0.821	0.747	0.706		0.857	13.92
10)	C	Phenol		1.693	1.681	1.817	1.685	1.659	1.644	1.569	1.678	4.42
11)		bis(2-Chloroet...		1.262	1.229	1.296	1.266	1.252	1.262	1.256	1.261	1.59
12)		1,3-Dichlorobe...		1.473	1.482	1.554	1.441	1.441	1.430	1.366	1.455	3.95
13)	C	1,4-Dichlorobe...		1.546	1.538	1.571	1.471	1.465	1.439	1.379	1.487	4.59
14)		1,2-Dichlorobe...		1.393	1.439	1.473	1.374	1.351	1.345	1.285	1.380	4.55
15)		Benzyl Alcohol		1.191	1.251	1.322	1.262	1.248	1.218	1.163	1.236	4.19
16)		2,2'-oxybis(1-...		2.222	2.245	2.313	2.165	2.119	2.082	1.959	2.158	5.45
17)		2-Methylphenol		1.116	1.089	1.121	1.077	1.059	1.066	1.024	1.079	3.15
18)		Hexachloroethane		0.539	0.545	0.589	0.553	0.556	0.544	0.526	0.550	3.59
19)	P	n-Nitroso-di-n...	0.950	0.978	0.985	1.039	0.969	0.947	0.941	0.907	0.964	4.03
20)		3+4-Methylphenols		1.442	1.417	1.459	1.372	1.344	1.319	1.244	1.371	5.52
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.517	0.502	0.521	0.493	0.483	0.488	0.478	0.498	3.35
23)	S	Nitrobenzene-d5		0.380	0.379	0.396	0.385	0.378	0.381	0.384	0.383	1.58
24)		Nitrobenzene		0.370	0.371	0.383	0.374	0.369	0.375	0.376	0.374	1.29
25)		Isophorone		0.611	0.594	0.633	0.611	0.601	0.617	0.614	0.611	2.04
26)	C	2-Nitrophenol		0.171	0.175	0.190	0.193	0.190	0.193	0.191	0.186	4.91
27)		2,4-Dimethylph...		0.208	0.212	0.221	0.223	0.218	0.220	0.220	0.217	2.46
28)		bis(2-Chloroet...		0.384	0.390	0.408	0.394	0.387	0.391	0.388	0.392	2.03
29)	C	2,4-Dichloroph...		0.286	0.287	0.312	0.296	0.290	0.292	0.292	0.294	2.95
30)		1,2,4-Trichlor...		0.327	0.321	0.331	0.317	0.312	0.317	0.314	0.320	2.12
31)		Naphthalene		1.067	1.041	1.096	1.037	1.012	1.022	1.012	1.041	2.98
32)		Benzoic acid			0.186	0.217	0.229	0.233	0.243	0.246	0.226	9.70
33)		4-Chloroaniline		0.354	0.352	0.382	0.364	0.360	0.364	0.370	0.363	2.82
34)	C	Hexachlorobuta...		0.193	0.191	0.200	0.192	0.188	0.191	0.189	0.192	2.01
35)		Caprolactam		0.083	0.085	0.094	0.093	0.088	0.091	0.092	0.089	4.75
36)	C	4-Chloro-3-met...		0.310	0.324	0.342	0.329	0.324	0.325	0.324	0.325	2.91
37)		2-Methylnaphth...		0.688	0.689	0.719	0.669	0.659	0.666	0.652	0.677	3.42
38)		1-Methylnaphth...		0.680	0.657	0.691	0.656	0.637	0.640	0.631	0.656	3.40

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF020625.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.582	0.588	0.600	0.584	0.560	0.574	0.562	0.579	2.50
41)	P	Hexachlorocycl...		0.138	0.180	0.204	0.205	0.214	0.214	0.192	15.36
42)	S	2,4,6-Tribromo...	0.201	0.200	0.210	0.200	0.199	0.201	0.196	0.201	2.08
43)	C	2,4,6-Trichlor...	0.364	0.365	0.389	0.377	0.373	0.378	0.372	0.374	2.28
44)		2,4,5-Trichlor...	0.385	0.407	0.430	0.410	0.394	0.409	0.401	0.405	3.51
45)	S	2-Fluorobiphenyl	1.373	1.360	1.385	1.269	1.241	1.259	1.201	1.298	5.62
46)		1,1'-Biphenyl	1.582	1.564	1.632	1.545	1.517	1.537	1.478	1.551	3.16
47)		2-Chloronaphth...	1.167	1.161	1.211	1.135	1.114	1.136	1.103	1.147	3.18
48)		2-Nitroaniline	0.371	0.371	0.394	0.390	0.382	0.401	0.385	0.385	2.92
49)		Acenaphthylene	1.739	1.736	1.791	1.696	1.660	1.689	1.626	1.705	3.21
50)		Dimethylphthalate	1.382	1.359	1.408	1.345	1.324	1.341	1.345	1.358	2.09
51)		2,6-Dinitrotol...	0.289	0.290	0.314	0.301	0.295	0.299	0.290	0.297	3.06
52)	C	Acenaphthene	1.186	1.164	1.188	1.152	1.108	1.127	1.101	1.147	3.10
53)		3-Nitroaniline	0.312	0.313	0.335	0.319	0.320	0.321	0.316	0.319	2.35
54)	P	2,4-Dinitrophenol		0.133	0.167	0.177	0.185	0.198	0.198	0.176	13.83
55)		Dibenzofuran	1.768	1.722	1.774	1.673	1.633	1.634	1.576	1.683	4.44
56)	P	4-Nitrophenol	0.190	0.216	0.247	0.249	0.249	0.257	0.251	0.237	10.43
57)		2,4-Dinitrotol...	0.383	0.403	0.414	0.398	0.390	0.396	0.383	0.395	2.83
58)		Fluorene	1.359	1.361	1.377	1.290	1.239	1.263	1.221	1.301	4.90
59)		2,3,4,6-Tetrac...	0.332	0.361	0.359	0.348	0.348	0.355	0.340	0.349	2.95
60)		Diethylphthalate	1.400	1.346	1.398	1.330	1.300	1.308	1.269	1.336	3.71
61)		4-Chlorophenyl...	0.661	0.643	0.659	0.622	0.602	0.611	0.585	0.626	4.66
62)		4-Nitroaniline	0.315	0.319	0.333	0.335	0.319	0.327	0.324	0.324	2.28
63)		Azobenzene	1.348	1.329	1.385	1.326	1.295	1.320	1.294	1.328	2.38
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.116	0.140	0.142	0.142	0.146	0.148	0.139	8.48
66)	c	n-Nitrosodiphe...	0.650	0.653	0.674	0.627	0.625	0.625	0.627	0.640	2.97
67)		4-Bromophenyl-...	0.228	0.220	0.234	0.221	0.220	0.221	0.221	0.224	2.46
68)		Hexachlorobenzene	0.229	0.234	0.241	0.227	0.224	0.228	0.228	0.230	2.46
69)		Atrazine	0.200	0.203	0.214	0.185	0.185	0.182	0.176	0.192	7.12
70)	C	Pentachlorophenol	0.116	0.131	0.151	0.154	0.158	0.159	0.160	0.147	11.68
71)		Phenanthrene	1.141	1.132	1.161	1.084	1.071	1.069	1.049	1.101	3.91
72)		Anthracene	1.168	1.126	1.158	1.082	1.084	1.071	1.057	1.107	3.99
73)		Carbazole	1.022	1.026	1.076	0.986	0.966	0.961	0.933	0.996	4.87
74)		Di-n-butylphth...	1.165	1.156	1.223	1.141	1.132	1.126	1.105	1.150	3.29
75)	C	Fluoranthene	1.251	1.239	1.243	1.151	1.129	1.091	1.065	1.167	6.63
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.474	0.487	0.334	0.528	0.432	0.351	0.481	0.441	16.58
78)		Pyrene	1.528	1.557	1.717	1.745	1.774	1.807	1.789	1.703	6.67
79)	S	Terphenyl-d14	1.129	1.104	1.211	1.198	1.209	1.234	1.208	1.185	4.07
80)		Butylbenzylpht...	0.525	0.540	0.605	0.609	0.603	0.623	0.624	0.590	6.83
81)		Benzo(a)anthra...	1.381	1.332	1.350	1.345	1.309	1.309	1.279	1.329	2.51
82)		3,3'-Dichlorob...	0.397	0.411	0.407	0.377	0.363	0.353	0.358	0.381	6.31
83)		Chrysene	1.187	1.223	1.314	1.201	1.215	1.224	1.229	1.228	3.34
84)		Bis(2-ethylhex...	0.593	0.610	0.685	0.689	0.680	0.697	0.702	0.665	6.68
85)	c	Di-n-octyl pht...	0.802	0.814	0.910	0.965	1.010	1.051	1.090	0.949	11.82

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF020625.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	0.987	1.029	1.186	1.288	1.341	1.410	1.408	1.236	14.06
88)		Benzo(b)fluora...	1.286	1.407	1.398	1.336	1.350	1.356	1.268	1.343	3.88
89)		Benzo(k)fluora...	1.113	1.216	1.247	1.142	1.074	1.098	1.138	1.147	5.49
90)	C	Benzo(a)pyrene	1.085	1.074	1.115	1.080	1.069	1.094	1.089	1.087	1.41
91)		Dibenzo(a,h)an...	0.796	0.828	0.970	1.051	1.092	1.138	1.134	1.001	14.13
92)		Benzo(g,h,i)pe...	0.805	0.864	1.001	1.100	1.144	1.203	1.218	1.048	15.60

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG No.: Q1331

Instrument ID: BNA_F Calibration Date/Time: 02/11/2025 10:28

Lab File ID: BF141551.D Init. Calib. Date(s): 02/06/2025 02/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:07 14:14

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.276	1.265		-0.9	
Benzaldehyde	0.857	0.753		-12.1	
Phenol-d6	1.612	1.593		-1.2	
Phenol	1.678	1.648		-1.8	20.0
bis(2-Chloroethyl)ether	1.261	1.246		-1.2	
2-Chlorophenol	1.378	1.375		-0.2	
2-Methylphenol	1.079	1.043		-3.3	
2,2-oxybis(1-Chloropropane)	2.158	2.126		-1.5	
Acetophenone	0.498	0.484		-2.8	
3+4-Methylphenols	1.371	1.332		-2.8	
n-Nitroso-di-n-propylamine	0.964	0.956	0.050	-0.8	
Nitrobenzene-d5	0.383	0.379		-1.0	
Hexachloroethane	0.550	0.547		-0.5	
Nitrobenzene	0.374	0.368		-1.6	
Isophorone	0.611	0.609		-0.3	
2-Nitrophenol	0.186	0.189		1.6	20.0
2,4-Dimethylphenol	0.217	0.221		1.8	
bis(2-Chloroethoxy)methane	0.392	0.398		1.5	
2,4-Dichlorophenol	0.294	0.295		0.3	20.0
Naphthalene	1.041	1.028		-1.2	
4-Chloroaniline	0.363	0.326		-10.2	
Hexachlorobutadiene	0.192	0.193		0.5	20.0
Caprolactam	0.089	0.091		2.2	
4-Chloro-3-methylphenol	0.325	0.324		-0.3	20.0
2-Methylnaphthalene	0.677	0.671		-0.9	
Hexachlorocyclopentadiene	0.192	0.181	0.050	-5.7	
2,4,6-Trichlorophenol	0.374	0.373		-0.3	20.0
2-Fluorobiphenyl	1.298	1.271		-2.1	
2,4,5-Trichlorophenol	0.405	0.401		-1.0	
1,1-Biphenyl	1.551	1.544		-0.5	
2-Chloronaphthalene	1.147	1.123		-2.1	
2-Nitroaniline	0.385	0.372		-3.4	
Dimethylphthalate	1.358	1.360		0.1	
Acenaphthylene	1.705	1.686		-1.1	
2,6-Dinitrotoluene	0.297	0.295		-0.7	
3-Nitroaniline	0.319	0.310		-2.8	
Acenaphthene	1.147	1.121		-2.3	20.0
2,4-Dinitrophenol	0.176	0.181	0.050	2.8	
4-Nitrophenol	0.237	0.233	0.050	-1.7	

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG No.: Q1331

Instrument ID: BNA_F Calibration Date/Time: 02/11/2025 10:28

Lab File ID: BF141551.D Init. Calib. Date(s): 02/06/2025 02/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:07 14:14

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.683	1.653		-1.8	
2,4-Dinitrotoluene	0.395	0.398		0.8	
Diethylphthalate	1.336	1.353		1.3	
4-Chlorophenyl-phenylether	0.626	0.620		-1.0	
Fluorene	1.301	1.291		-0.8	
4-Nitroaniline	0.324	0.324		0.0	
4,6-Dinitro-2-methylphenol	0.139	0.139		0.0	
n-Nitrosodiphenylamine	0.640	0.634		-0.9	20.0
2,4,6-Tribromophenol	0.201	0.201		0.0	
4-Bromophenyl-phenylether	0.224	0.226		0.9	
Hexachlorobenzene	0.230	0.230		0.0	
Atrazine	0.192	0.174		-9.4	
Pentachlorophenol	0.147	0.147		0.0	20.0
Phenanthrene	1.101	1.067		-3.1	
Anthracene	1.107	1.091		-1.4	
Carbazole	0.996	0.961		-3.5	
Di-n-butylphthalate	1.150	1.169		1.7	
Fluoranthene	1.167	1.112		-4.7	20.0
Pyrene	1.703	1.914		12.4	
Terphenyl-d14	1.185	1.330		12.2	
Butylbenzylphthalate	0.590	0.654		10.8	
3,3-Dichlorobenzidine	0.381	0.368		-3.4	
Benzo(a)anthracene	1.329	1.313		-1.2	
Chrysene	1.228	1.216		-1.0	
Bis(2-ethylhexyl)phthalate	0.665	0.741		11.4	
Di-n-octyl phthalate	0.949	1.040		9.6	20.0
Benzo(b)fluoranthene	1.343	1.314		-2.2	
Benzo(k)fluoranthene	1.147	1.062		-7.4	
Benzo(a)pyrene	1.087	1.065		-2.0	20.0
Indeno(1,2,3-cd)pyrene	1.236	1.357		9.8	
Dibenzo(a,h)anthracene	1.001	1.106		10.5	
Benzo(g,h,i)perylene	1.048	1.156		10.3	
1,2,4,5-Tetrachlorobenzene	0.579	0.575		-0.7	
1,4-Dioxane	0.513	0.499		-2.7	20.0
2,3,4,6-Tetrachlorophenol	0.349	0.348		-0.3	

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG No.: Q1331

Instrument ID: BNA_F Calibration Date/Time: 02/13/2025 10:07

Lab File ID: BF141603.D Init. Calib. Date(s): 02/06/2025 02/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:07 14:14

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.276	1.273		-0.2	
Benzaldehyde	0.857	1.063		24.0	
Phenol-d6	1.612	1.560		-3.2	
Phenol	1.678	1.634		-2.6	20.0
bis(2-Chloroethyl)ether	1.261	1.269		0.6	
2-Chlorophenol	1.378	1.358		-1.5	
2-Methylphenol	1.079	1.061		-1.7	
2,2-oxybis(1-Chloropropane)	2.158	2.046		-5.2	
Acetophenone	0.498	0.484		-2.8	
3+4-Methylphenols	1.371	1.317		-3.9	
n-Nitroso-di-n-propylamine	0.964	0.938	0.050	-2.7	
Nitrobenzene-d5	0.383	0.372		-2.9	
Hexachloroethane	0.550	0.543		-1.3	
Nitrobenzene	0.374	0.361		-3.5	
Isophorone	0.611	0.606		-0.8	
2-Nitrophenol	0.186	0.191		2.7	20.0
2,4-Dimethylphenol	0.217	0.213		-1.8	
bis(2-Chloroethoxy)methane	0.392	0.397		1.3	
2,4-Dichlorophenol	0.294	0.297		1.0	20.0
Naphthalene	1.041	1.019		-2.1	
4-Chloroaniline	0.363	0.347		-4.4	
Hexachlorobutadiene	0.192	0.191		-0.5	20.0
Caprolactam	0.089	0.089		0.0	
4-Chloro-3-methylphenol	0.325	0.319		-1.8	20.0
2-Methylnaphthalene	0.677	0.667		-1.5	
Hexachlorocyclopentadiene	0.192	0.172	0.050	-10.4	
2,4,6-Trichlorophenol	0.374	0.377		0.8	20.0
2-Fluorobiphenyl	1.298	1.274		-1.8	
2,4,5-Trichlorophenol	0.405	0.405		0.0	
1,1-Biphenyl	1.551	1.565		0.9	
2-Chloronaphthalene	1.147	1.143		-0.3	
2-Nitroaniline	0.385	0.377		-2.1	
Dimethylphthalate	1.358	1.382		1.8	
Acenaphthylene	1.705	1.684		-1.2	
2,6-Dinitrotoluene	0.297	0.298		0.3	
3-Nitroaniline	0.319	0.309		-3.1	
Acenaphthene	1.147	1.129		-1.6	20.0
2,4-Dinitrophenol	0.176	0.163	0.050	-7.4	
4-Nitrophenol	0.237	0.213	0.050	-10.1	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG No.: Q1331

Instrument ID: BNA_F Calibration Date/Time: 02/13/2025 10:07

Lab File ID: BF141603.D Init. Calib. Date(s): 02/06/2025 02/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:07 14:14

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.683	1.644		-2.3	
2,4-Dinitrotoluene	0.395	0.393		-0.5	
Diethylphthalate	1.336	1.338		0.2	
4-Chlorophenyl-phenylether	0.626	0.631		0.8	
Fluorene	1.301	1.264		-2.8	
4-Nitroaniline	0.324	0.267		-17.6	
4,6-Dinitro-2-methylphenol	0.139	0.137		-1.4	
n-Nitrosodiphenylamine	0.640	0.640		0.0	20.0
2,4,6-Tribromophenol	0.201	0.195		-3.0	
4-Bromophenyl-phenylether	0.224	0.226		0.9	
Hexachlorobenzene	0.230	0.231		0.4	
Atrazine	0.192	0.161		-16.1	
Pentachlorophenol	0.147	0.136		-7.5	20.0
Phenanthrene	1.101	1.082		-1.7	
Anthracene	1.107	1.088		-1.7	
Carbazole	0.996	0.956		-4.0	
Di-n-butylphthalate	1.150	1.157		0.6	
Fluoranthene	1.167	1.099		-5.8	20.0
Pyrene	1.703	1.862		9.3	
Terphenyl-d14	1.185	1.287		8.6	
Butylbenzylphthalate	0.590	0.643		9.0	
3,3-Dichlorobenzidine	0.381	0.322		-15.5	
Benzo(a)anthracene	1.329	1.310		-1.4	
Chrysene	1.228	1.180		-3.9	
Bis(2-ethylhexyl)phthalate	0.665	0.728		9.5	
Di-n-octyl phthalate	0.949	1.043		9.9	20.0
Benzo(b)fluoranthene	1.343	1.230		-8.4	
Benzo(k)fluoranthene	1.147	1.181		3.0	
Benzo(a)pyrene	1.087	1.082		-0.5	20.0
Indeno(1,2,3-cd)pyrene	1.236	1.412		14.2	
Dibenzo(a,h)anthracene	1.001	1.153		15.2	
Benzo(g,h,i)perylene	1.048	1.199		14.4	
1,2,4,5-Tetrachlorobenzene	0.579	0.593		2.4	
1,4-Dioxane	0.513	0.498		-2.9	20.0
2,3,4,6-Tetrachlorophenol	0.349	0.344		-1.4	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG No.: Q1331

Instrument ID: BNA_F Calibration Date/Time: 02/14/2025 15:04

Lab File ID: BF141639.D Init. Calib. Date(s): 02/06/2025 02/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:07 14:14

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.276	1.270		-0.5	
Benzaldehyde	0.857	1.091		27.3	
Phenol-d6	1.612	1.568		-2.7	
Phenol	1.678	1.600		-4.6	20.0
bis(2-Chloroethyl)ether	1.261	1.264		0.2	
2-Chlorophenol	1.378	1.373		-0.4	
2-Methylphenol	1.079	1.041		-3.5	
2,2-oxybis(1-Chloropropane)	2.158	2.005		-7.1	
Acetophenone	0.498	0.479		-3.8	
3+4-Methylphenols	1.371	1.303		-5.0	
n-Nitroso-di-n-propylamine	0.964	0.937	0.050	-2.8	
Nitrobenzene-d5	0.383	0.369		-3.7	
Hexachloroethane	0.550	0.542		-1.5	
Nitrobenzene	0.374	0.364		-2.7	
Isophorone	0.611	0.606		-0.8	
2-Nitrophenol	0.186	0.189		1.6	20.0
2,4-Dimethylphenol	0.217	0.215		-0.9	
bis(2-Chloroethoxy)methane	0.392	0.395		0.8	
2,4-Dichlorophenol	0.294	0.292		-0.7	20.0
Naphthalene	1.041	1.025		-1.5	
4-Chloroaniline	0.363	0.331		-8.8	
Hexachlorobutadiene	0.192	0.195		1.6	20.0
Caprolactam	0.089	0.090		1.1	
4-Chloro-3-methylphenol	0.325	0.318		-2.2	20.0
2-Methylnaphthalene	0.677	0.665		-1.8	
Hexachlorocyclopentadiene	0.192	0.160	0.050	-16.7	
2,4,6-Trichlorophenol	0.374	0.366		-2.1	20.0
2-Fluorobiphenyl	1.298	1.237		-4.7	
2,4,5-Trichlorophenol	0.405	0.393		-3.0	
1,1-Biphenyl	1.551	1.504		-3.0	
2-Chloronaphthalene	1.147	1.124		-2.0	
2-Nitroaniline	0.385	0.363		-5.7	
Dimethylphthalate	1.358	1.340		-1.3	
Acenaphthylene	1.705	1.626		-4.6	
2,6-Dinitrotoluene	0.297	0.291		-2.0	
3-Nitroaniline	0.319	0.302		-5.3	
Acenaphthene	1.147	1.084		-5.5	20.0
2,4-Dinitrophenol	0.176	0.163	0.050	-7.4	
4-Nitrophenol	0.237	0.204	0.050	-13.9	

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG No.: Q1331

Instrument ID: BNA_F Calibration Date/Time: 02/14/2025 15:04

Lab File ID: BF141639.D Init. Calib. Date(s): 02/06/2025 02/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:07 14:14

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.683	1.627		-3.3	
2,4-Dinitrotoluene	0.395	0.390		-1.3	
Diethylphthalate	1.336	1.324		-0.9	
4-Chlorophenyl-phenylether	0.626	0.617		-1.4	
Fluorene	1.301	1.252		-3.8	
4-Nitroaniline	0.324	0.260		-19.8	
4,6-Dinitro-2-methylphenol	0.139	0.138		-0.7	
n-Nitrosodiphenylamine	0.640	0.639		-0.2	20.0
2,4,6-Tribromophenol	0.201	0.195		-3.0	
4-Bromophenyl-phenylether	0.224	0.228		1.8	
Hexachlorobenzene	0.230	0.237		3.0	
Atrazine	0.192	0.161		-16.1	
Pentachlorophenol	0.147	0.136		-7.5	20.0
Phenanthrene	1.101	1.083		-1.6	
Anthracene	1.107	1.082		-2.3	
Carbazole	0.996	0.963		-3.3	
Di-n-butylphthalate	1.150	1.186		3.1	
Fluoranthene	1.167	1.129		-3.3	20.0
Pyrene	1.703	1.778		4.4	
Terphenyl-d14	1.185	1.240		4.6	
Butylbenzylphthalate	0.590	0.660		11.9	
3,3-Dichlorobenzidine	0.381	0.335		-12.1	
Benzo(a)anthracene	1.329	1.351		1.7	
Chrysene	1.228	1.209		-1.5	
Bis(2-ethylhexyl)phthalate	0.665	0.799		20.1	
Di-n-octyl phthalate	0.949	1.145		20.7	20.0
Benzo(b)fluoranthene	1.343	1.365		1.6	
Benzo(k)fluoranthene	1.147	1.110		-3.2	
Benzo(a)pyrene	1.087	1.082		-0.5	20.0
Indeno(1,2,3-cd)pyrene	1.236	1.357		9.8	
Dibenzo(a,h)anthracene	1.001	1.107		10.6	
Benzo(g,h,i)perylene	1.048	1.173		11.9	
1,2,4,5-Tetrachlorobenzene	0.579	0.573		-1.0	
1,4-Dioxane	0.513	0.506		-1.4	20.0
2,3,4,6-Tetrachlorophenol	0.349	0.344		-1.4	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025

Quant Time: Feb 15 00:07:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	71628	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	196997	20.000	ng	# 0.01
39) Acenaphthene-d10	9.934	164	75171	20.000	ng	# 0.10
64) Phenanthrene-d10	11.428	188	109475	20.000	ng	# 0.11
76) Chrysene-d12	13.974	240	177815	20.000	ng	# 0.01
86) Perylene-d12	15.404	264	197579	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	172131	37.675	ng	-0.01
7) Phenol-d6	6.428	99	157584	27.289	ng	-0.01
23) Nitrobenzene-d5	7.357	82	460338	121.882	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	122597	162.353	ng	0.11
45) 2-Fluorobiphenyl	9.228	172	434024	88.954	ng	0.08
79) Terphenyl-d14	12.963	244	674235	64.012	ng	0.06
Target Compounds						Qvalue
38) 1-Methylnaphthalene	8.969	142	327788	50.718	ng	# 58
52) Acenaphthene	9.969	154	208149	48.302	ng	# 43
58) Fluorene	10.492	166	588051	120.238	ng	# 56
71) Phenanthrene	11.457	178	1156013	191.834	ng	# 76
78) Pyrene	12.839	202	626864m	41.413	ng	
83) Chrysene	13.992	228	41826m	3.832	ng	
84) Bis(2-ethylhexyl)phtha...	13.939	149	61337	10.373	ng	# 86

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

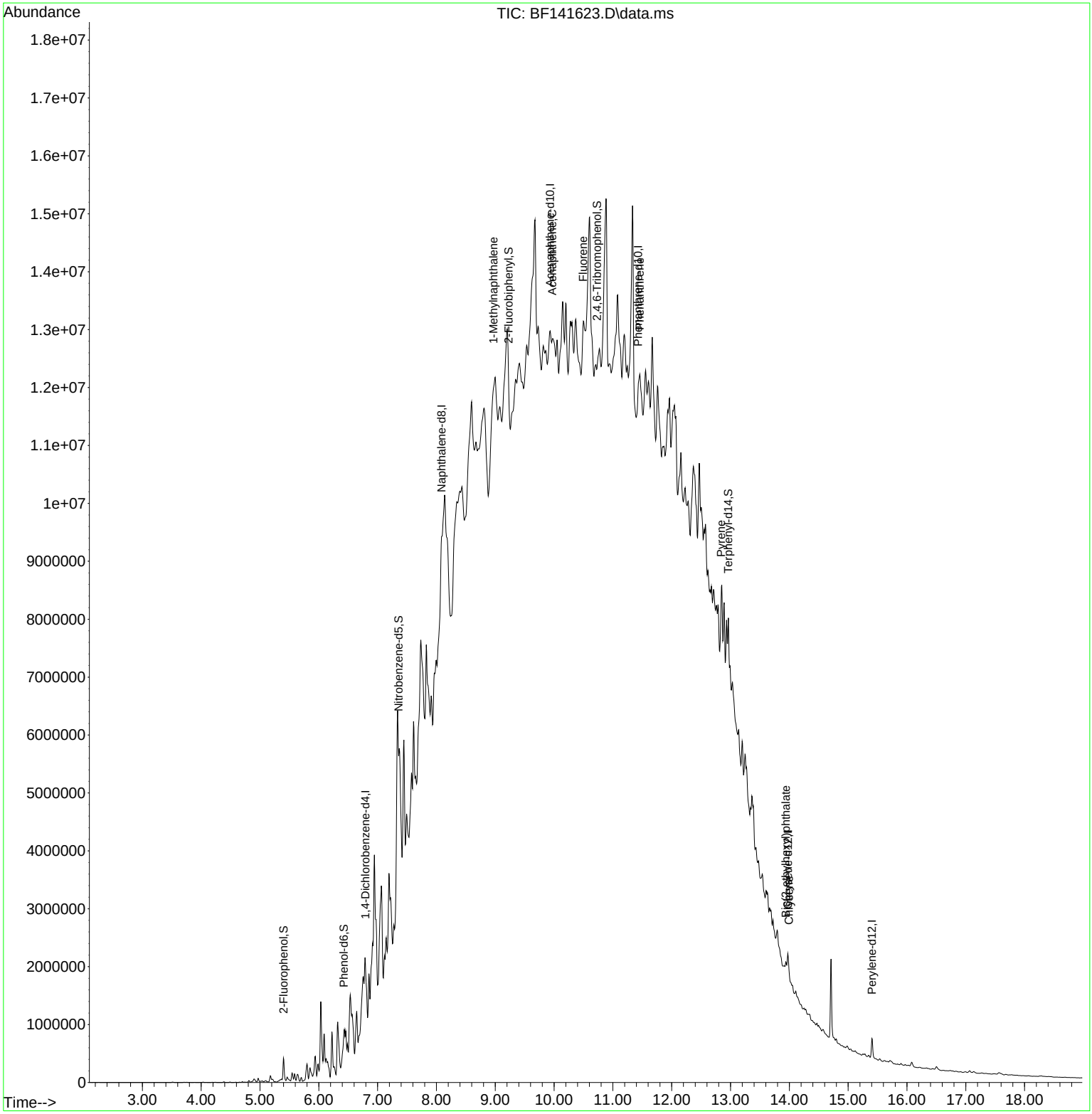
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

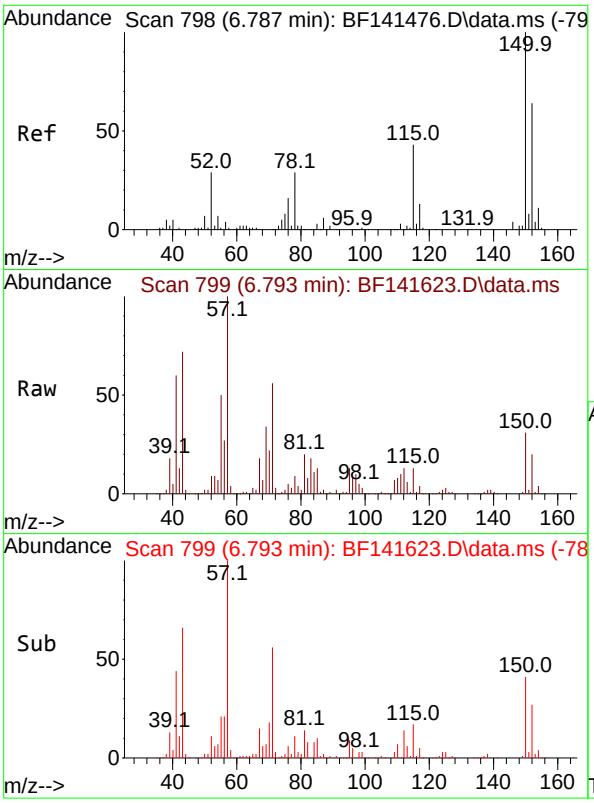
Quant Time: Feb 15 00:07:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MW1R

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025

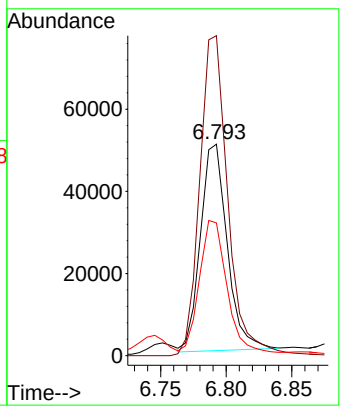




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 7
Delta R.T. 0.001 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:152 Resp: 7162

Ion	Ratio	Lower	Upper
152	100		
150	151.3	125.0	187.4
115	62.8	53.6	80.4



Instrument :
BNA_F
ClientSampleId :
MW1R

Manual Integrations
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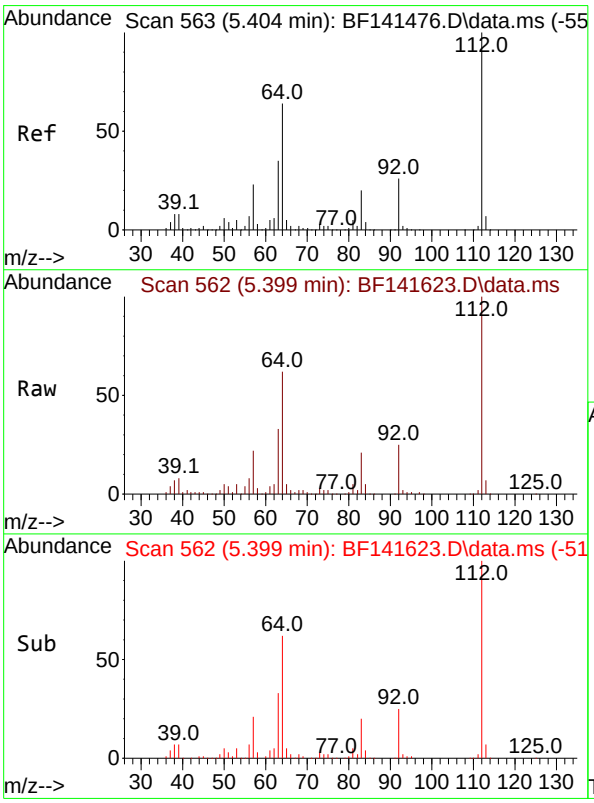
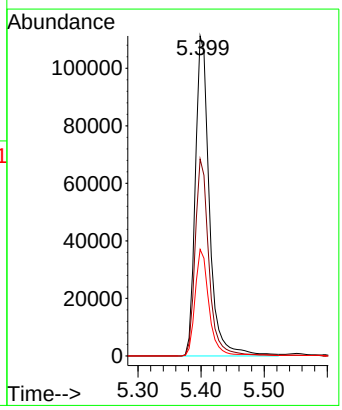
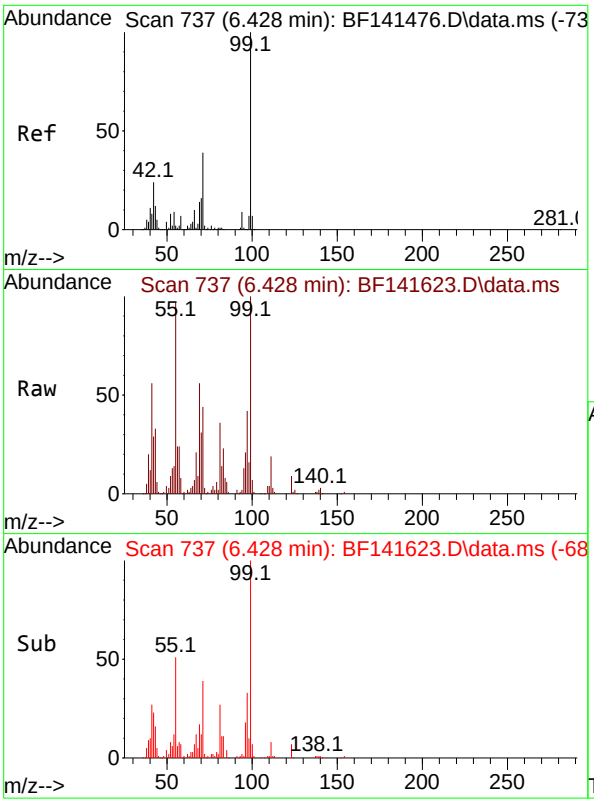


#5
2-Fluorophenol
Concen: 37.675 ng
RT: 5.399 min Scan# 562
Delta R.T. -0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:112 Resp: 172131

Ion	Ratio	Lower	Upper
112	100		
64	61.6	51.1	76.7
63	33.3	28.4	42.6





#7
Phenol-d6
Concen: 27.289 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion: 99 Resp: 15758

Ion	Ratio	Lower	Upper
99	100		
42	29.2	19.1	28.7#
71	44.0	31.1	46.7

Instrument :
BNA_F
ClientSampleId :
MW1R

Manual Integrations
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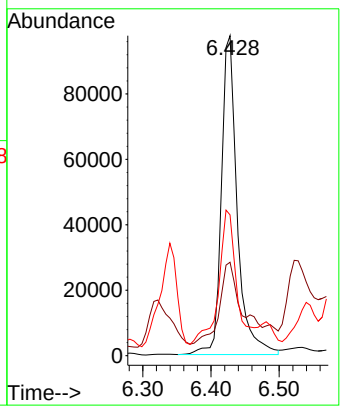
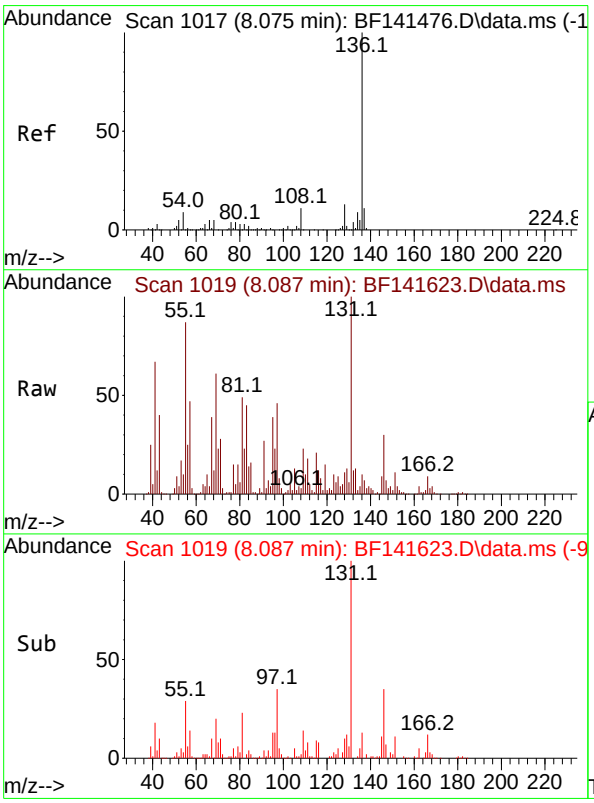
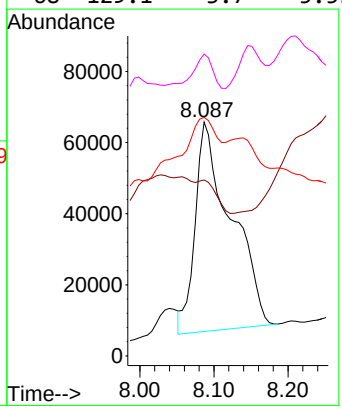


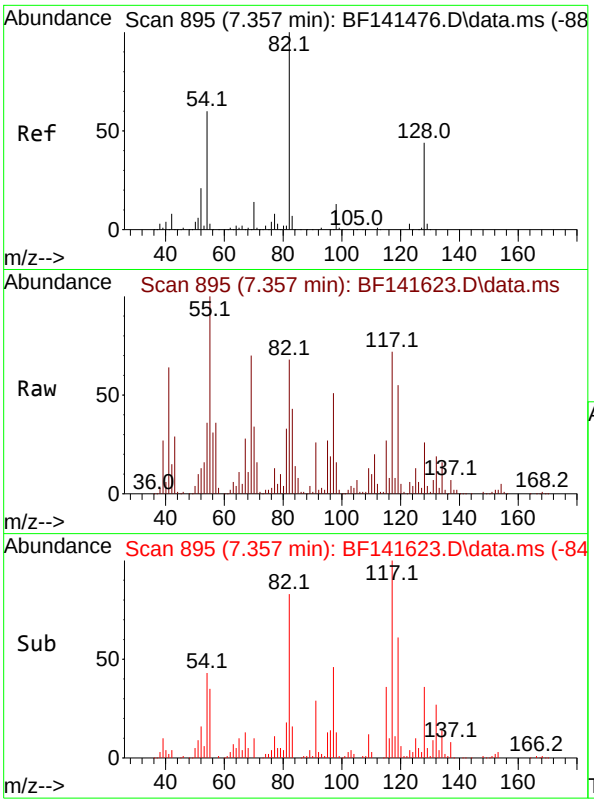


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. 0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:136 Resp: 196997

Ion	Ratio	Lower	Upper
136	100		
137	75.2	8.6	13.0#
54	102.0	7.2	10.8#
68	129.1	3.7	5.5#





#23
Nitrobenzene-d5
Concen: 121.882 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion: 82 Resp: 46033

Ion	Ratio	Lower	Upper
82	100		
128	37.6	34.8	52.2
54	52.9	48.2	72.4

Instrument :
BNA_F
ClientSampleId :
MW1R

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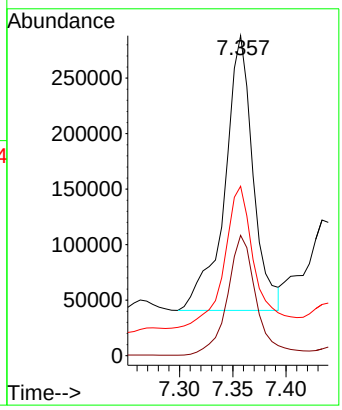
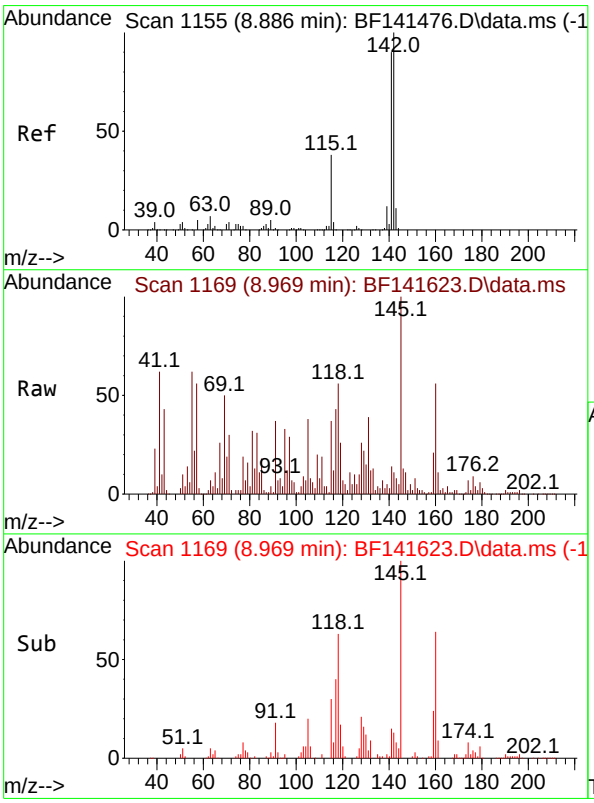
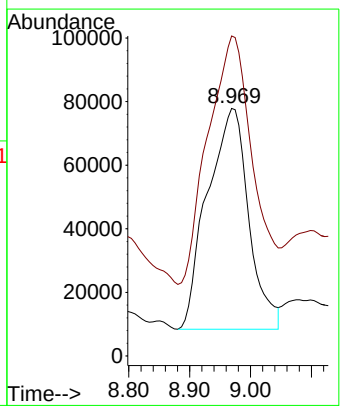


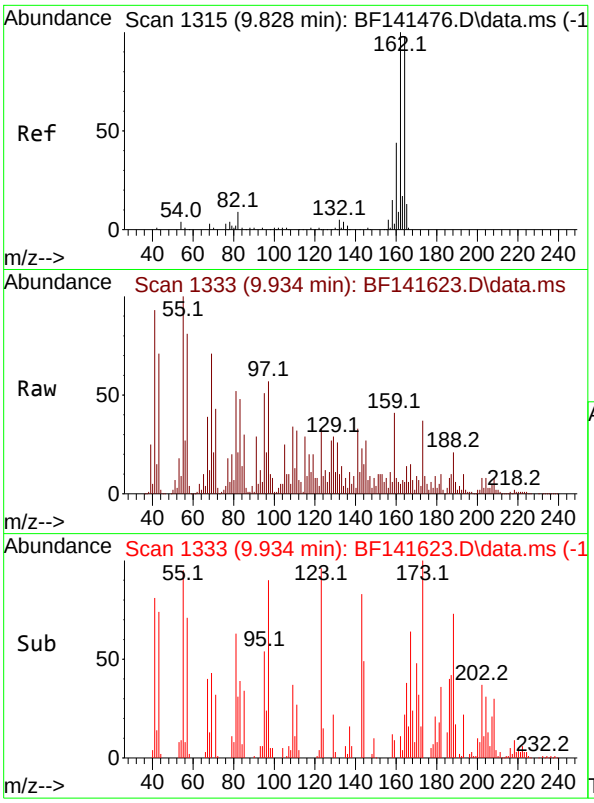


#38
1-Methylnaphthalene
Concen: 50.718 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.083 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:142 Resp: 327788

Ion	Ratio	Lower	Upper
142	100		
141	129.3	72.1	108.1#

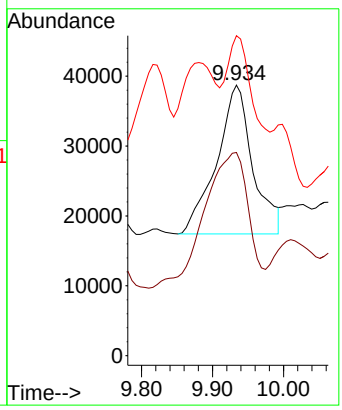




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1
Delta R.T. 0.100 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:164 Resp: 7517

Ion	Ratio	Lower	Upper
164	100		
162	75.1	81.3	121.9#
160	118.3	35.9	53.9#



Instrument :
BNA_F
ClientSampleId :
MW1R

Manual Integrations
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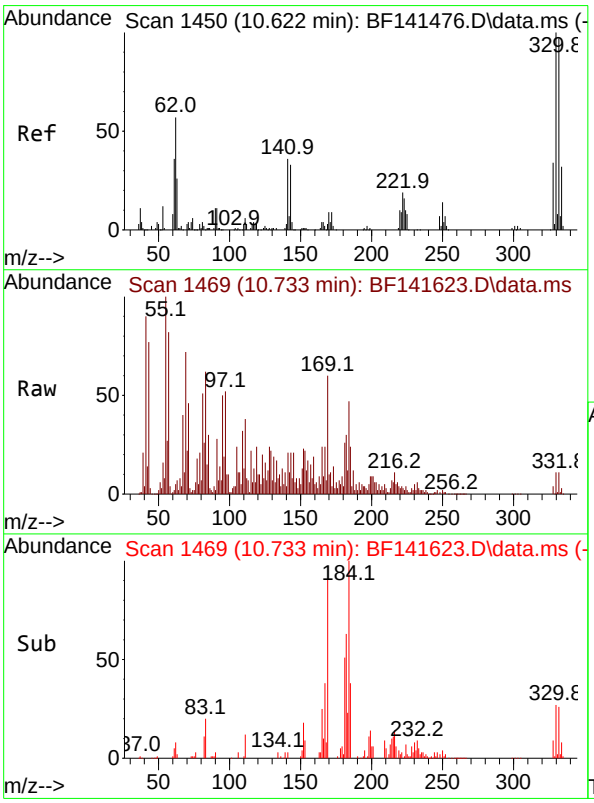
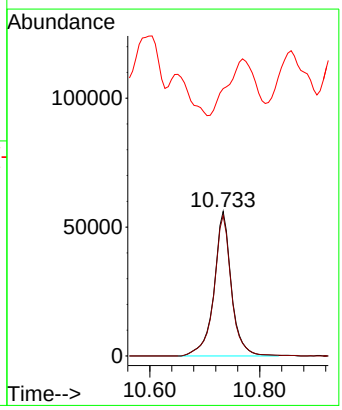
Supervised By :mohammad ahmed 02/15/2025

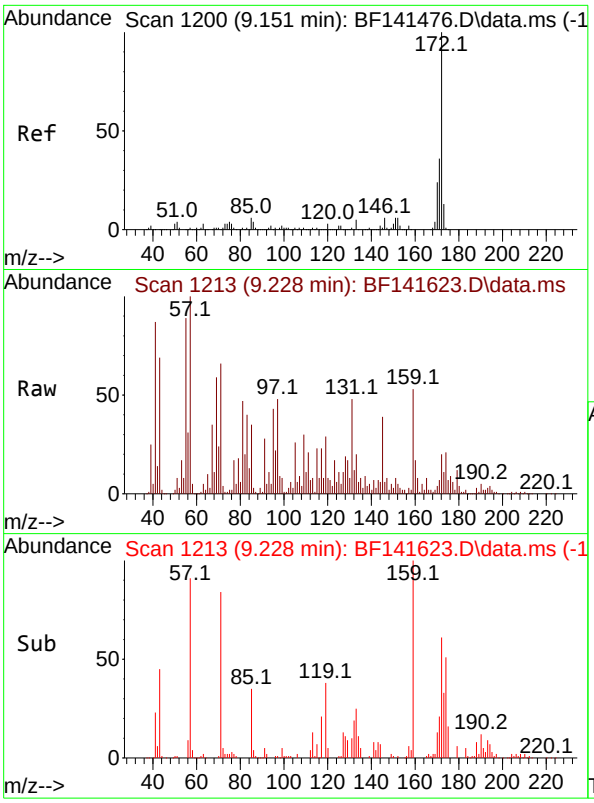


#42
2,4,6-Tribromophenol
Concen: 162.353 ng
RT: 10.733 min Scan# 1469
Delta R.T. 0.106 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:330 Resp: 122597

Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.5	117.7
141	0.0	31.0	46.4#

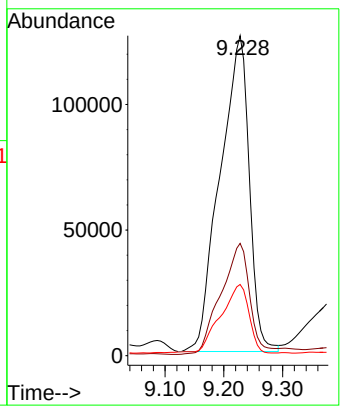




#45
2-Fluorobiphenyl
Concen: 88.954 ng
RT: 9.228 min Scan# 1
Delta R.T. 0.077 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:172 Resp: 43402

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	22.3	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
MW1R

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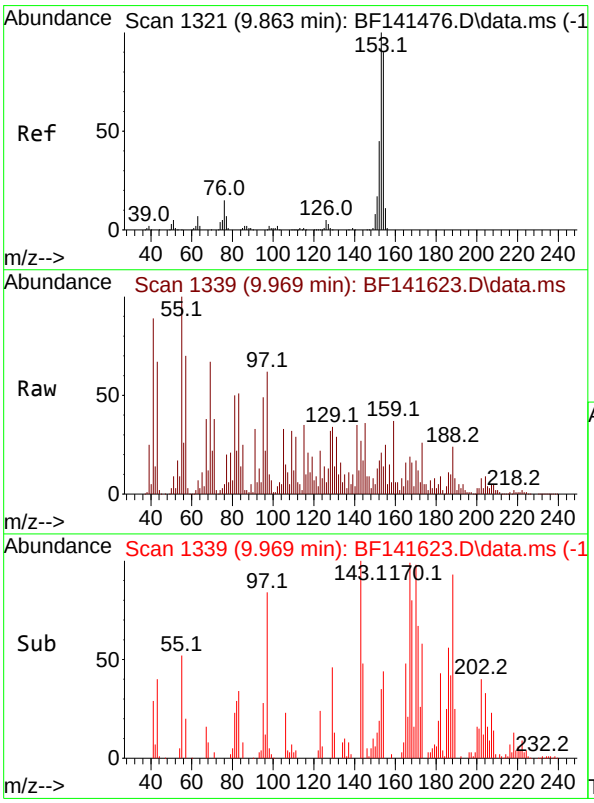
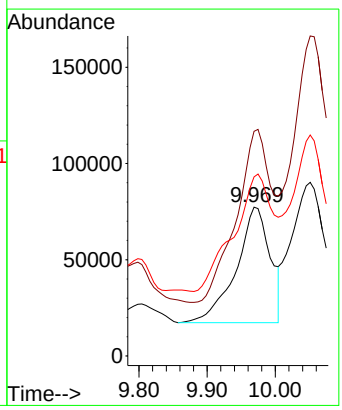
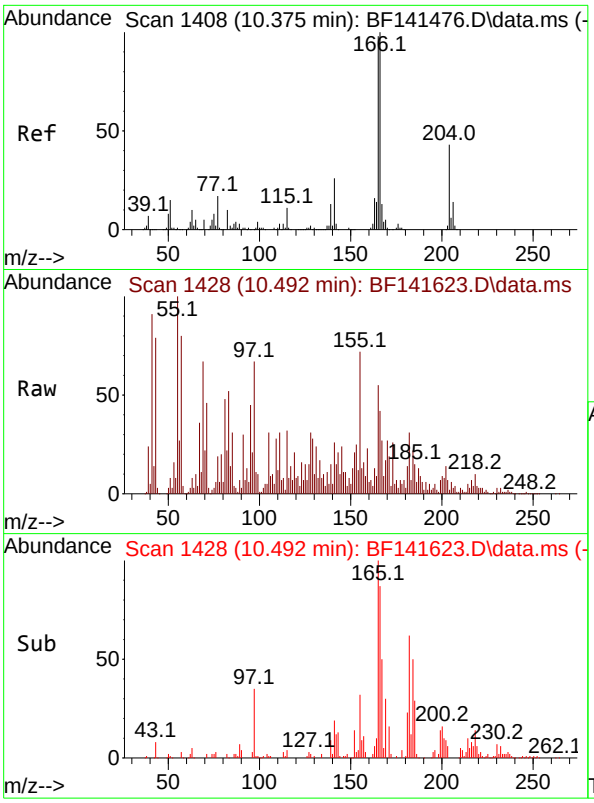


#52
Acenaphthene
Concen: 48.302 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.100 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:154 Resp: 208149

Ion	Ratio	Lower	Upper
154	100		
153	150.9	89.2	133.8#
152	120.3	39.8	59.8#





#58
Fluorene
Concen: 120.238 ng
RT: 10.492 min Scan# 14
Delta R.T. 0.112 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:166 Resp: 58805

Ion	Ratio	Lower	Upper
166	100		
165	130.0	78.2	117.2#
167	64.5	10.7	16.1#

Instrument :
BNA_F
ClientSampleId :
MW1R

Manual Integrations
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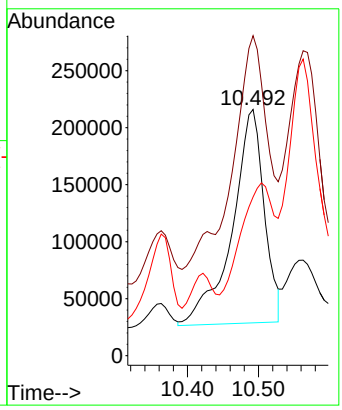
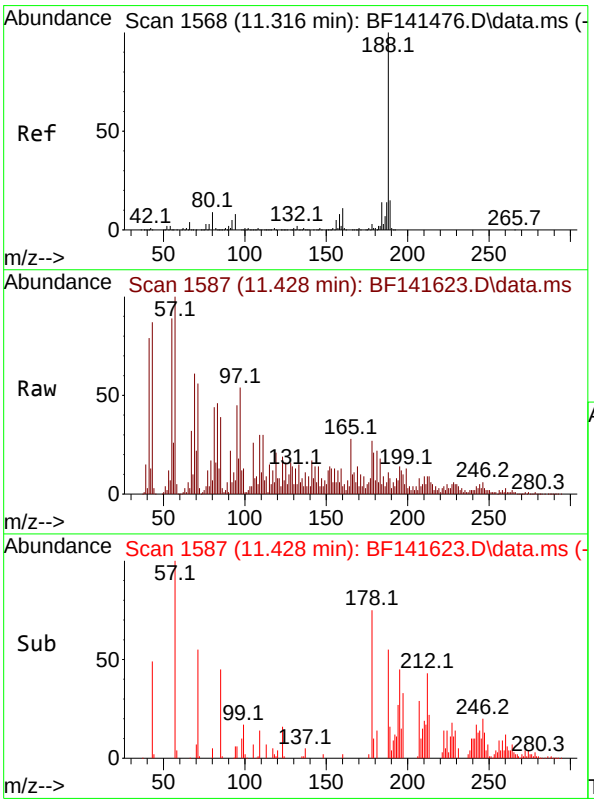
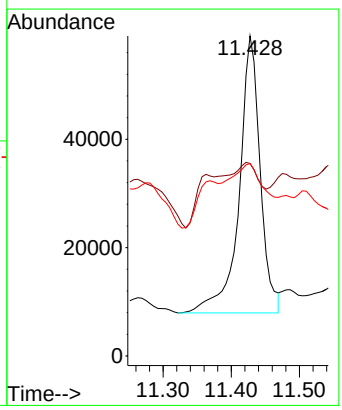


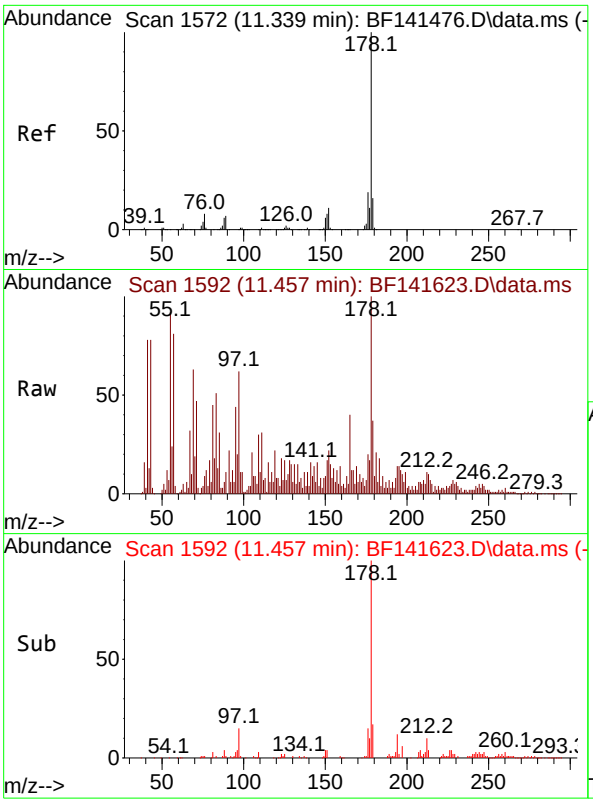


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.112 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:188 Resp: 109475

Ion	Ratio	Lower	Upper
188	100		
94	60.2	6.6	10.0#
80	60.1	7.3	10.9#

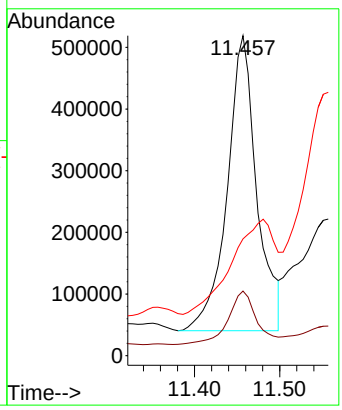




#71
Phenanthrene
Concen: 191.834 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.112 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:178 Resp: 115601

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.0
179	36.5	12.4	18.6#



Instrument :
BNA_F
ClientSampleId :
MW1R

Manual Integrations
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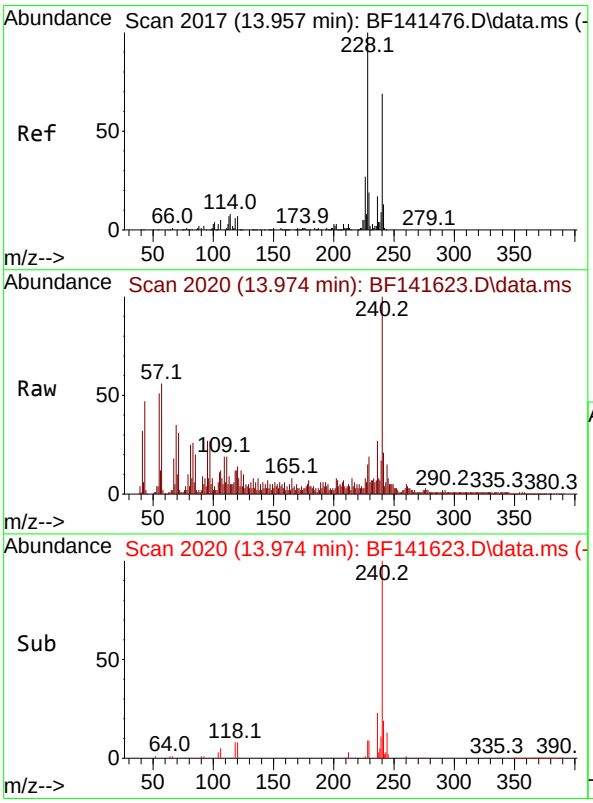
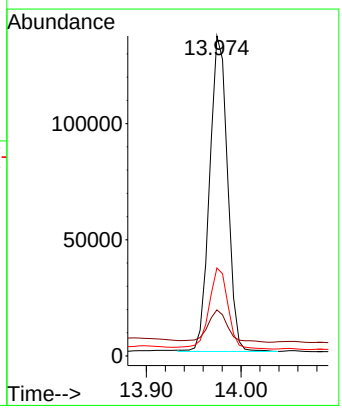
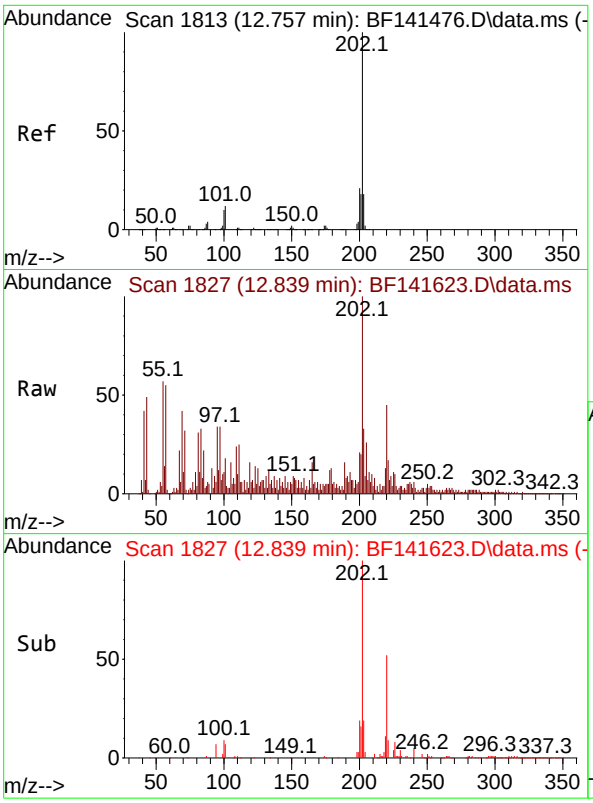


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:240 Resp: 177815

Ion	Ratio	Lower	Upper
240	100		
120	14.4	8.0	12.0#
236	27.5	19.8	29.8

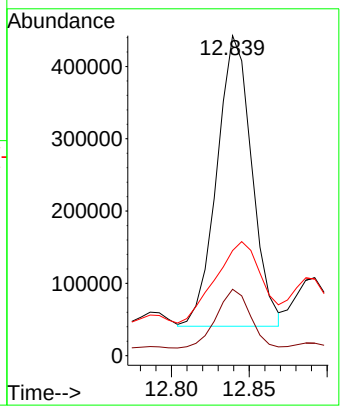




#78
Pyrene
Concen: 41.413 ng m
RT: 12.839 min Scan# 1
Delta R.T. 0.077 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:202 Resp: 62686

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.4
203	32.8	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
MW1R

Manual Integrations
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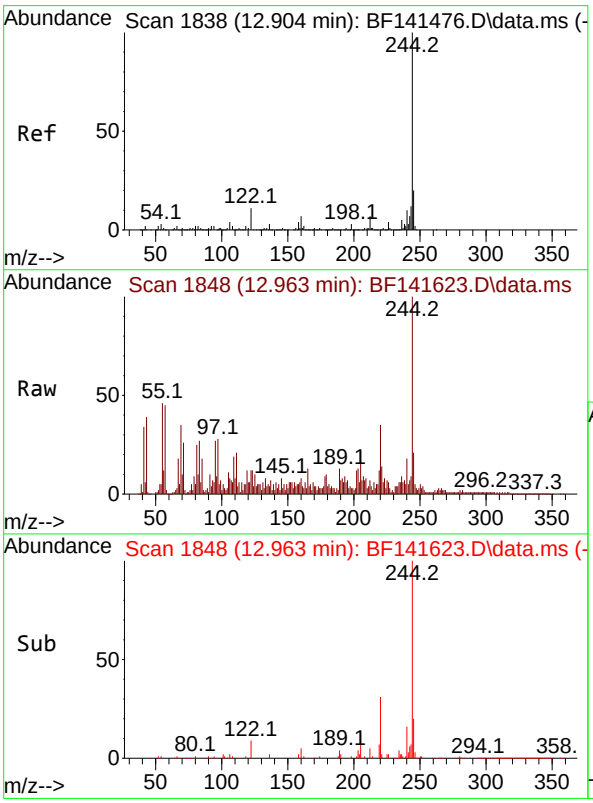
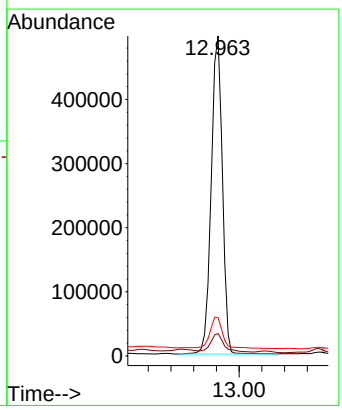
Supervised By :mohammad ahmed 02/15/2025

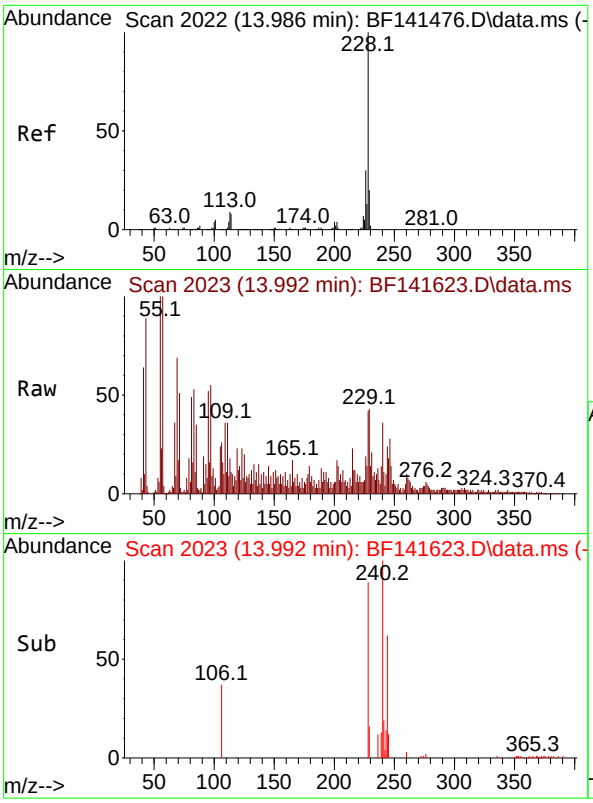


#79
Terphenyl-d14
Concen: 64.012 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.059 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:244 Resp: 674235

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.0	8.4	12.6

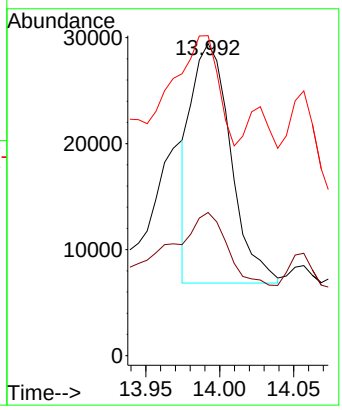




#83
Chrysene
Concen: 3.832 ng m
RT: 13.992 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:228 Resp: 4182(

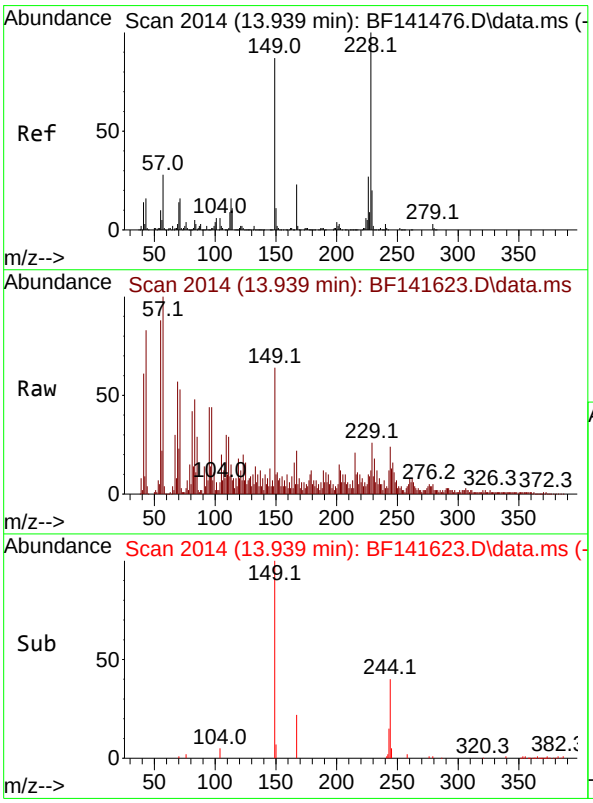
Ion	Ratio	Lower	Upper
228	100		
226	45.9	24.0	36.0#
229	102.6	15.7	23.5#



Instrument :
BNA_F
ClientSampleId :
MW1R

Manual Integrations
APPROVED

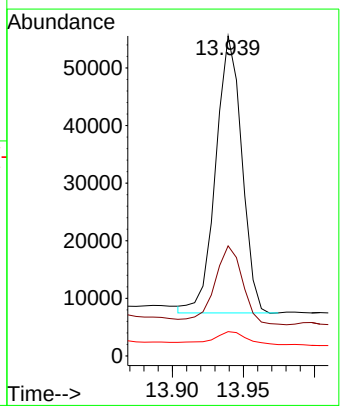
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025

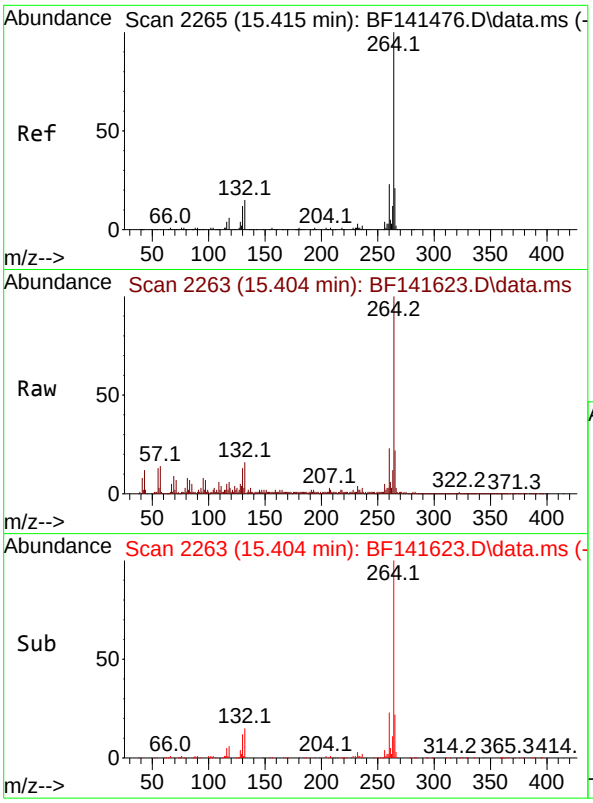


#84
Bis(2-ethylhexyl)phthalate
Concen: 10.373 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:149 Resp: 61337

Ion	Ratio	Lower	Upper
149	100		
167	34.4	21.4	32.0#
279	7.6	3.1	4.7#

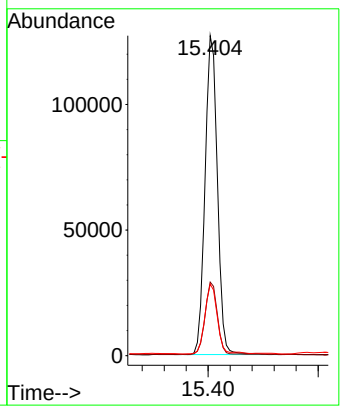




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:264 Resp: 19757

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	22.3	17.0	25.4



Instrument :
BNA_F
ClientSampleId :
MW1R

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025

Sample Results: **BF141623.D**

6

Instrument :
BNA_F
ClientSampleId :
MW1R

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 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_F\Methods\8270-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141623.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.899	467	477	485	rBV2	54737	146475	1.98%	0.327%
2	5.175	519	524	528	rBV	106213	175535	2.37%	0.392%
3	5.399	558	562	569	rVB	390458	562758	7.59%	1.256%
4	5.546	582	587	591	rBV3	136497	221588	2.99%	0.495%
5	5.640	598	603	609	rVB3	120103	248831	3.36%	0.556%
6	5.799	618	630	634	rBV3	298660	608615	8.21%	1.359%
7	5.851	634	639	646	rBV3	185152	427186	5.76%	0.954%
8	5.940	646	654	658	rBV4	348200	593891	8.01%	1.326%
9	5.987	658	662	665	rBV	199631	300260	4.05%	0.670%
10	6.034	665	670	676	rBV	1197306	2085386	28.12%	4.656%
11	6.093	676	680	683	rVB	476084	608432	8.20%	1.358%
12	6.222	697	702	707	rBV2	777452	1313157	17.71%	2.932%
13	6.322	714	719	727	rBV3	912699	2121263	28.60%	4.736%
14	6.434	728	738	740	rBV4	662154	1606247	21.66%	3.586%
15	6.534	750	755	759	rBV4	987955	2231292	30.09%	4.982%
16	6.646	768	774	778	rBV5	732647	1444287	19.47%	3.225%
17	6.757	784	793	795	rBV5	917284	2395799	32.30%	5.349%
18	6.787	795	798	805	rVB4	1042536	2099655	28.31%	4.688%
19	6.851	805	809	812	rBV	763086	1108178	14.94%	2.474%
20	6.916	812	820	821	rBV3	971244	2012929	27.14%	4.494%
21	6.946	821	825	829	rBV3	1575681	2386126	32.17%	5.328%
22	7.063	836	845	851	rBV4	1673757	4732919	63.82%	10.567%
23	7.193	863	867	870	rBV3	1287819	2136630	28.81%	4.771%
24	7.340	886	892	895	rBV3	3417786	7416197	100.00%	16.558%
25	7.445	906	910	914	rBV3	1871096	2883608	38.88%	6.438%
26	14.710	2140	2145	2157	rVB	1402367	2173868	29.31%	4.854%
27	15.404	2259	2263	2281	rVB	373846	747051	10.07%	1.668%

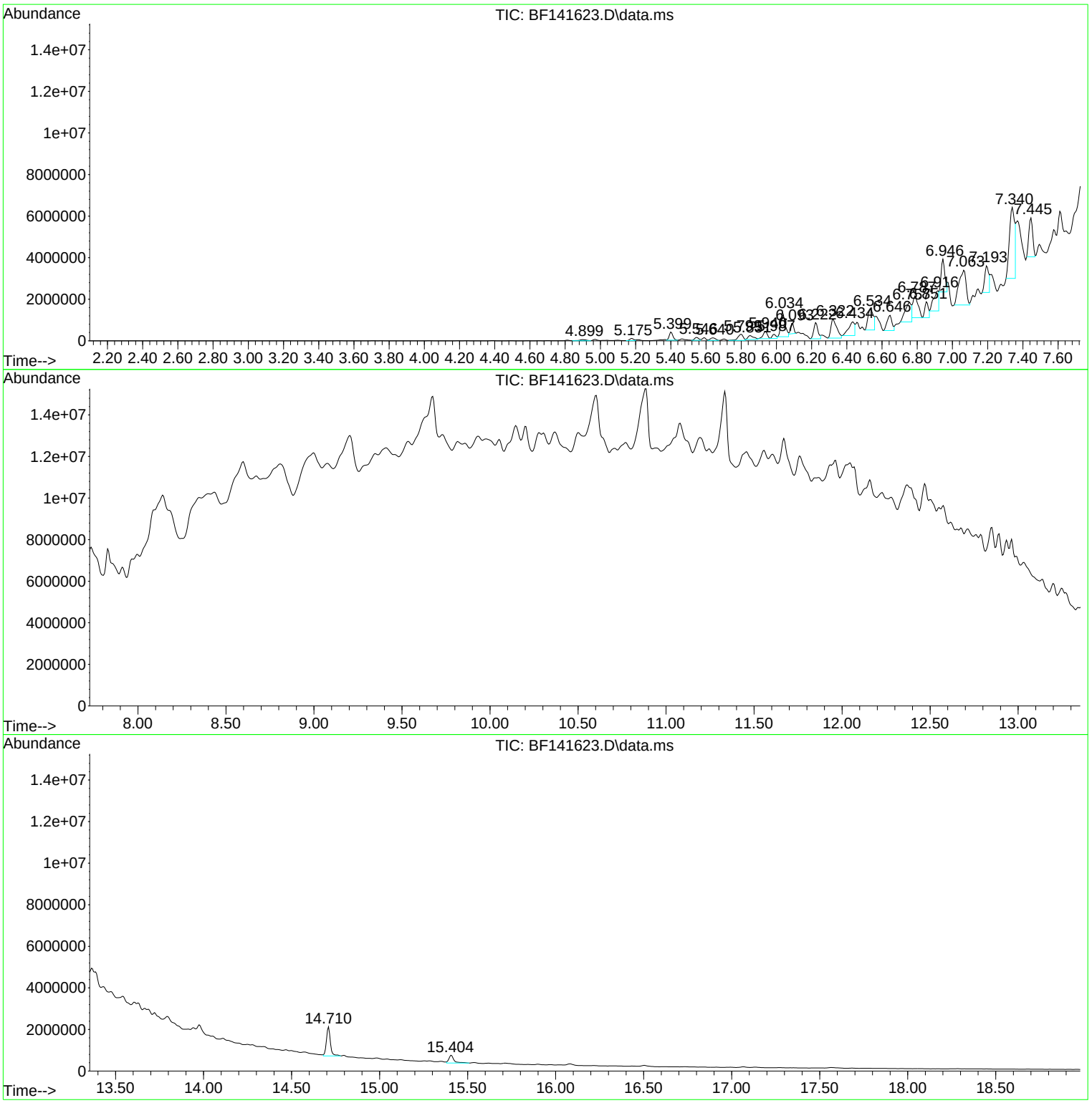
Sum of corrected areas: 44788163

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

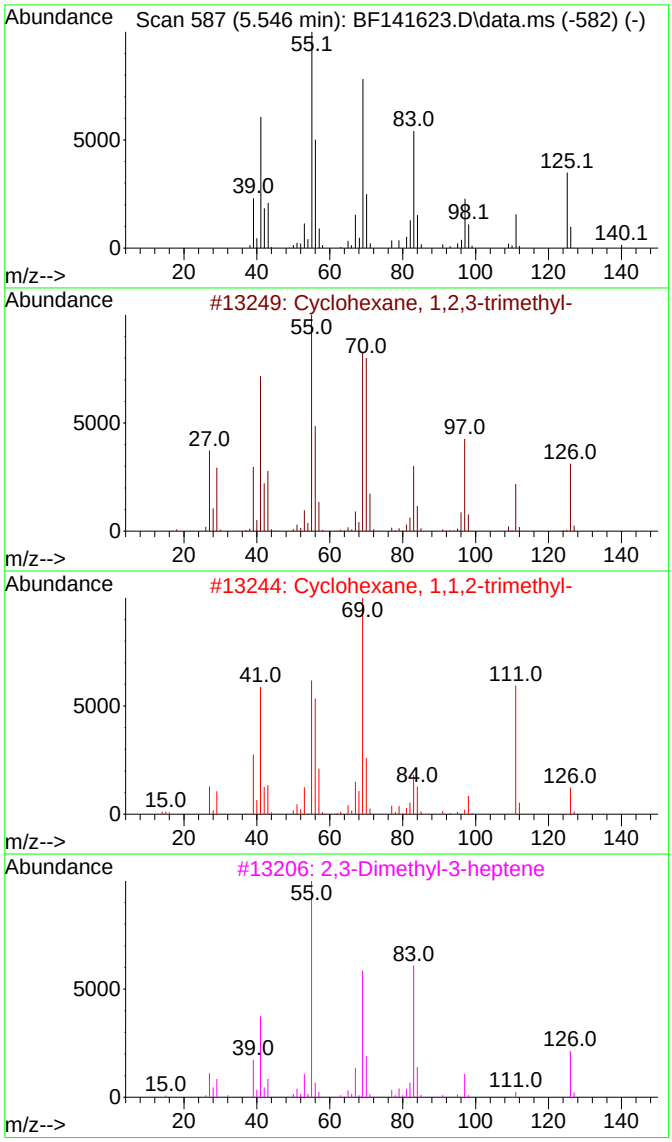
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

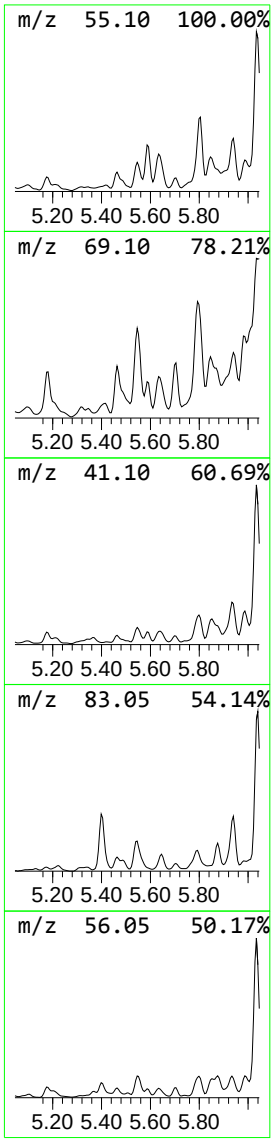
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.546	2.11 ng	221588	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	58
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
3	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	52
4	Cyclopentane, butyl-	126	C9H18	002040-95-1	50
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

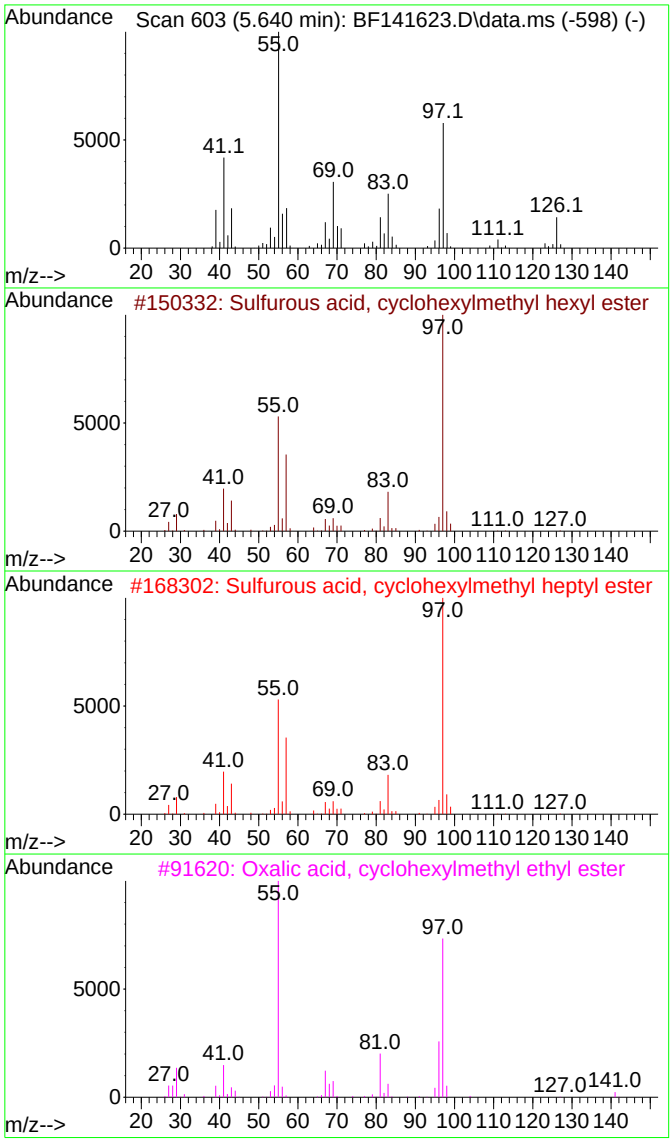
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

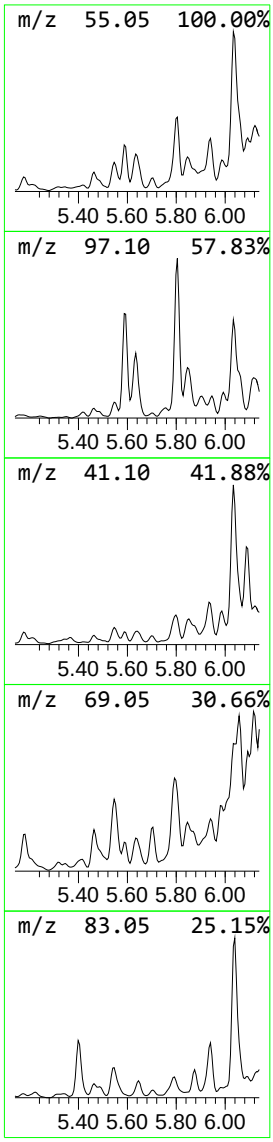
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Sulfurous acid, cyclohexylm... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.640	2.37 ng	248831	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1010309-21-6	72
2	Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	72
3	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	53
4	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	53
5	Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

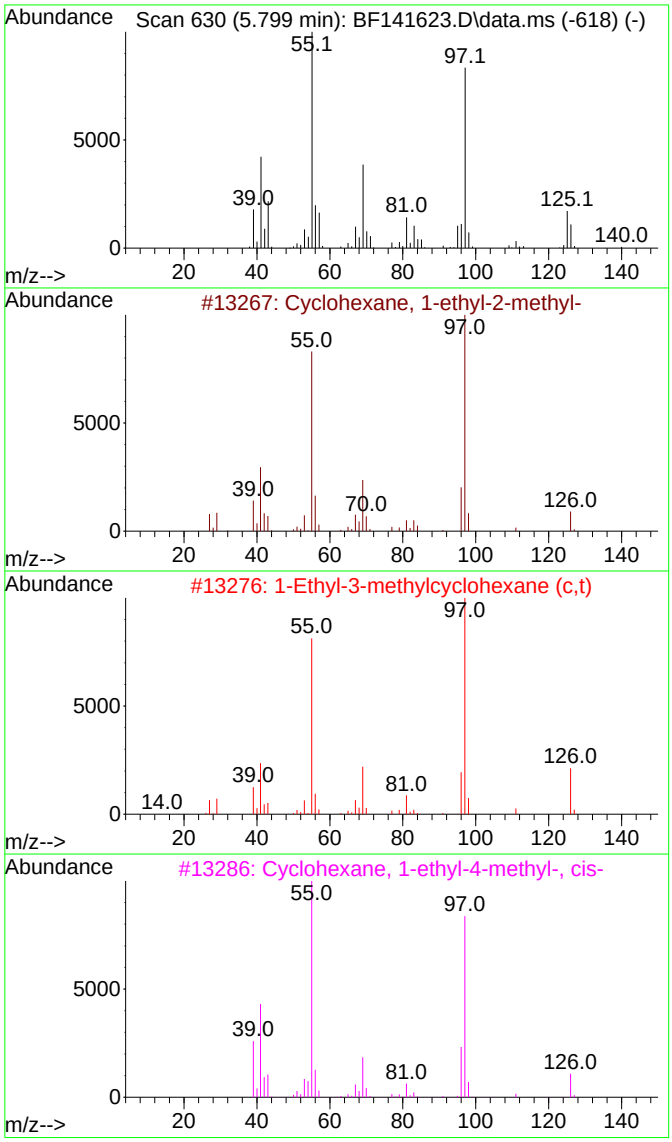
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

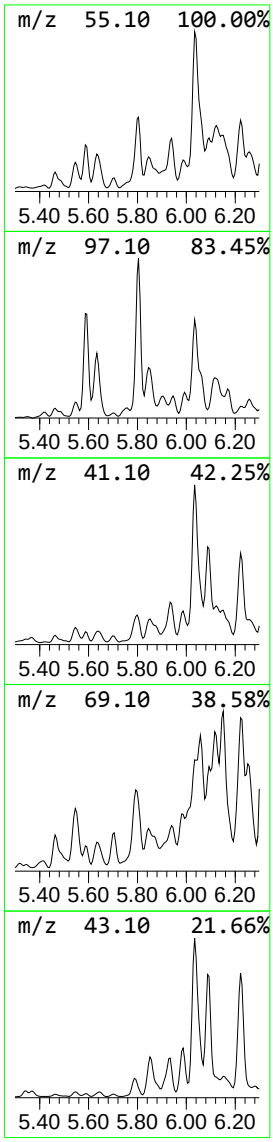
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.799	5.80 ng	608615	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	74
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	62
4	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	59
5	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

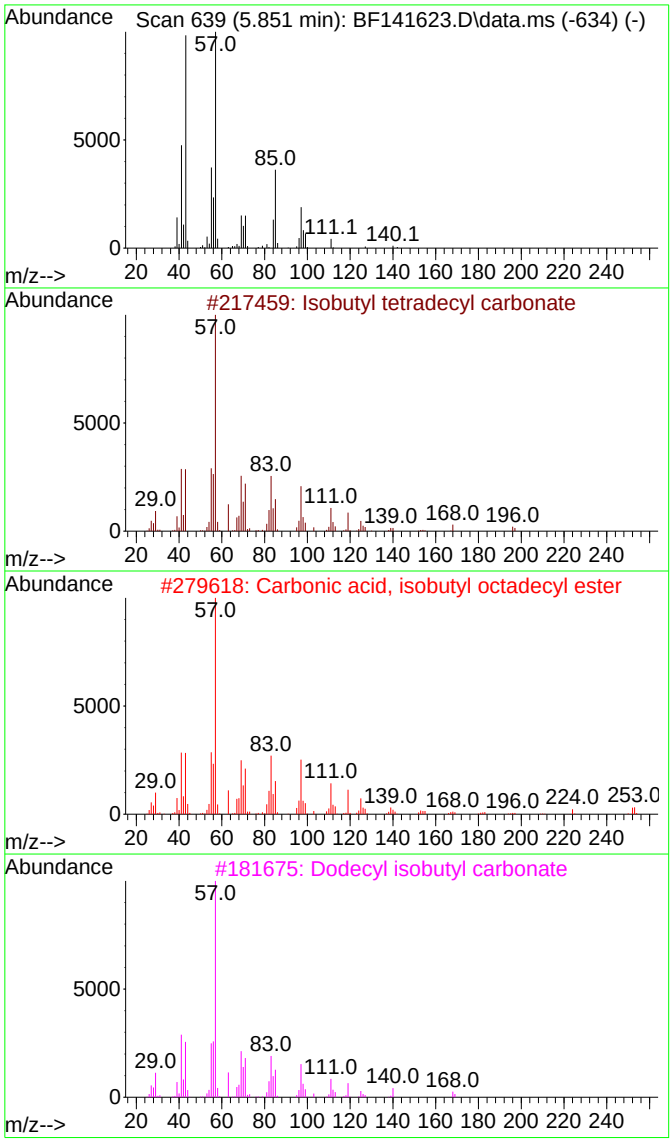
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

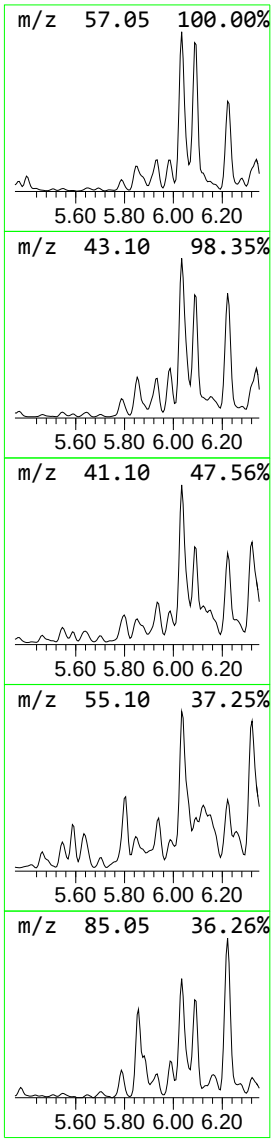
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Isobutyl tetradecyl carbonate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.851	4.07 ng	427186	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	72
2	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	72
3	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	64
4	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	59
5	Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

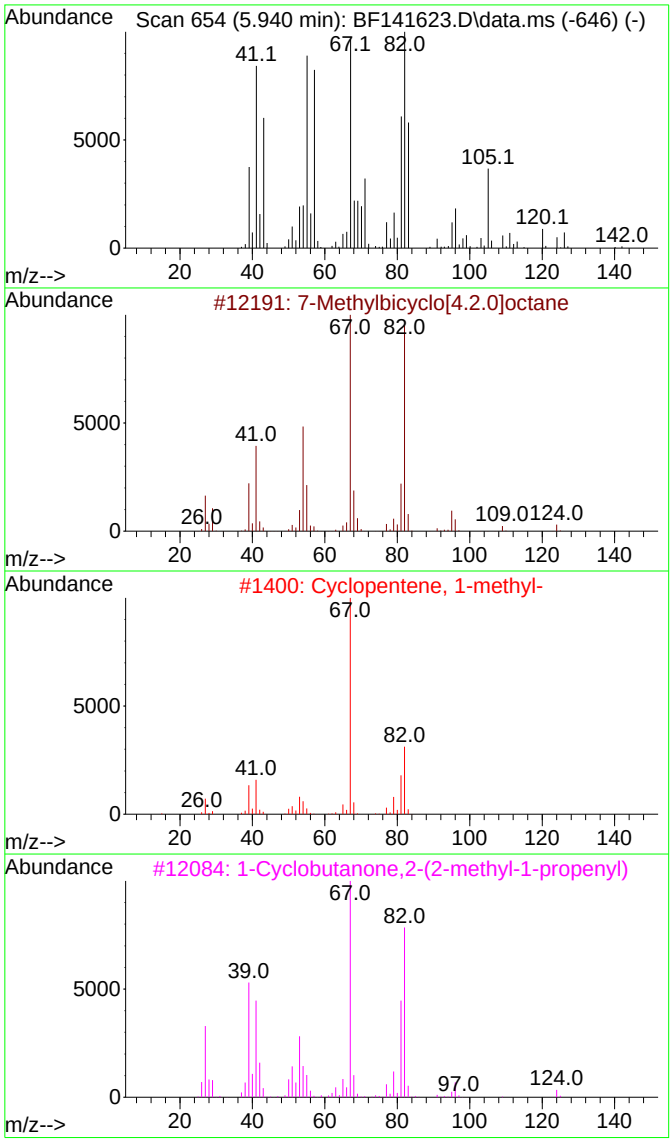
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

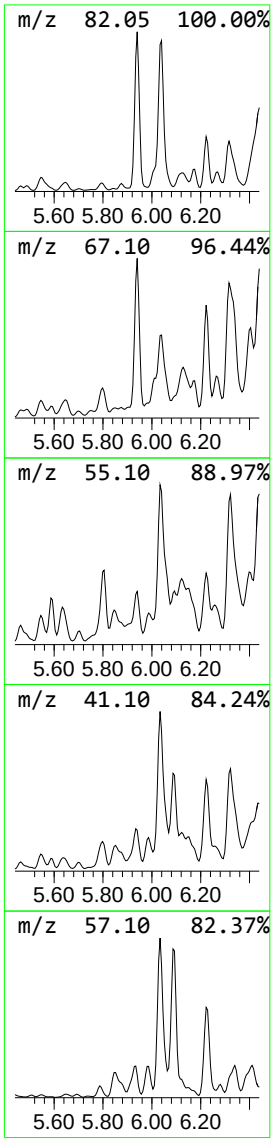
****

Peak Number 5 unknown5.940 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.940	5.66 ng	593891	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	49
2	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	43
3	1-Cyclobutanone,2-(2-methyl-1-pr...	124	C8H12O	091531-45-2	43
4	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	43
5	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

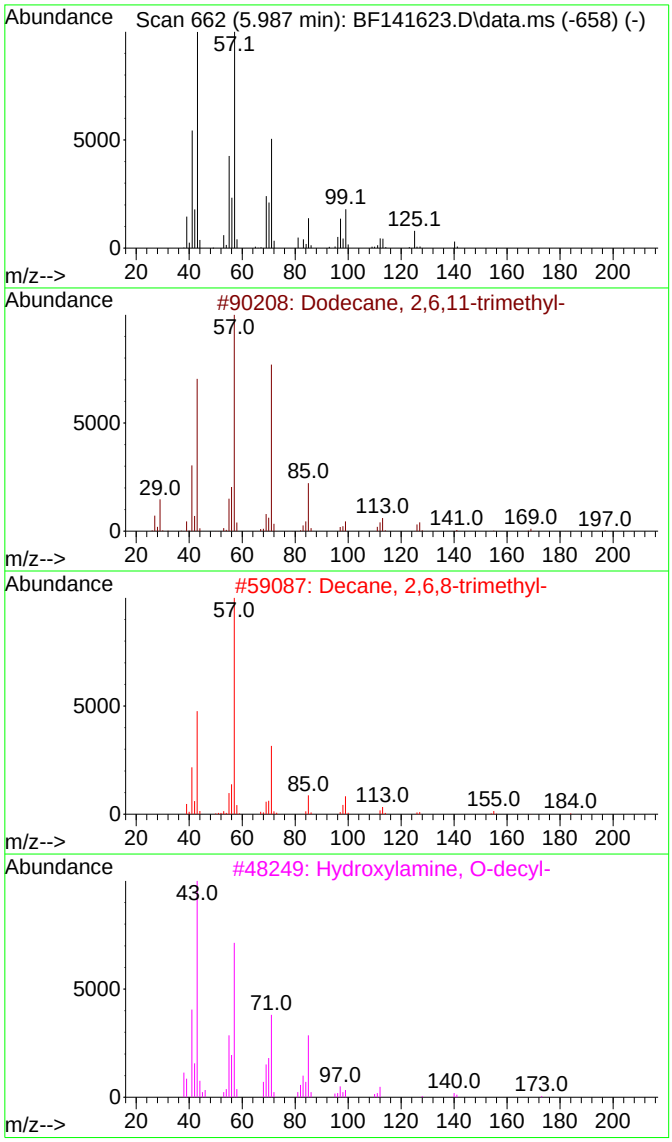
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

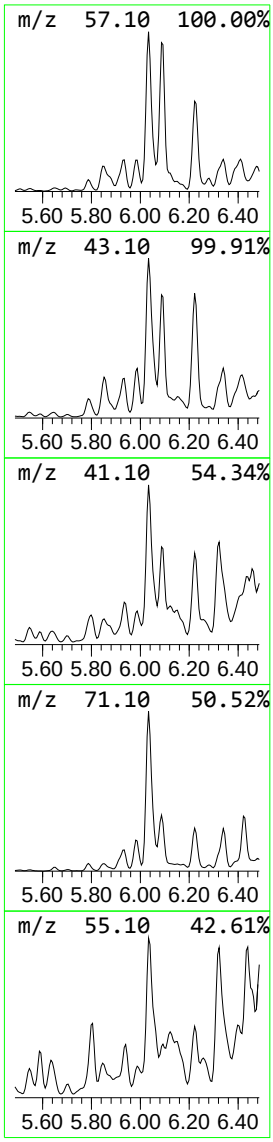
****

Peak Number 6 Dodecane, 2,6,11-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.987	2.86 ng	300260	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	50
3	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	50
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
5	2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

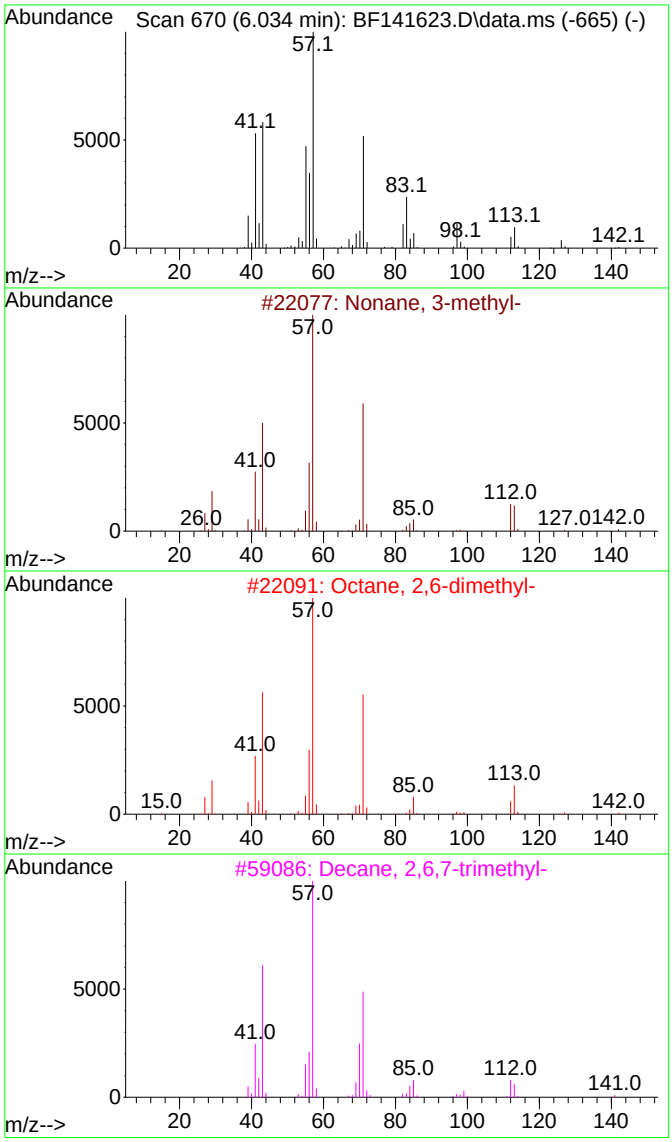
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

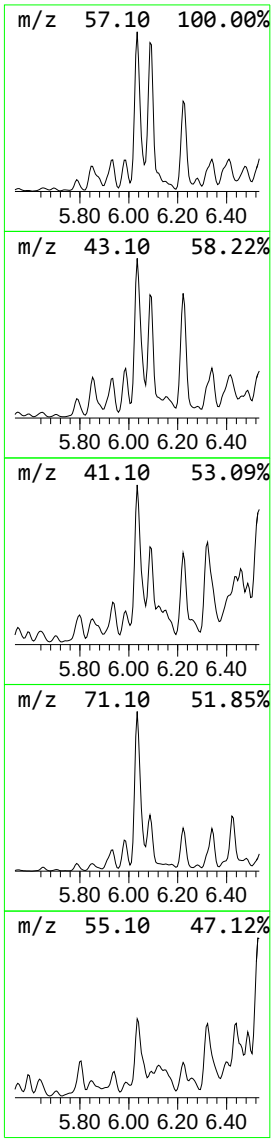
****

Peak Number 7 Nonane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.034	19.86 ng	2085390	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	70
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
5	Decane, 3-methyl-	156	C11H24	013151-34-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

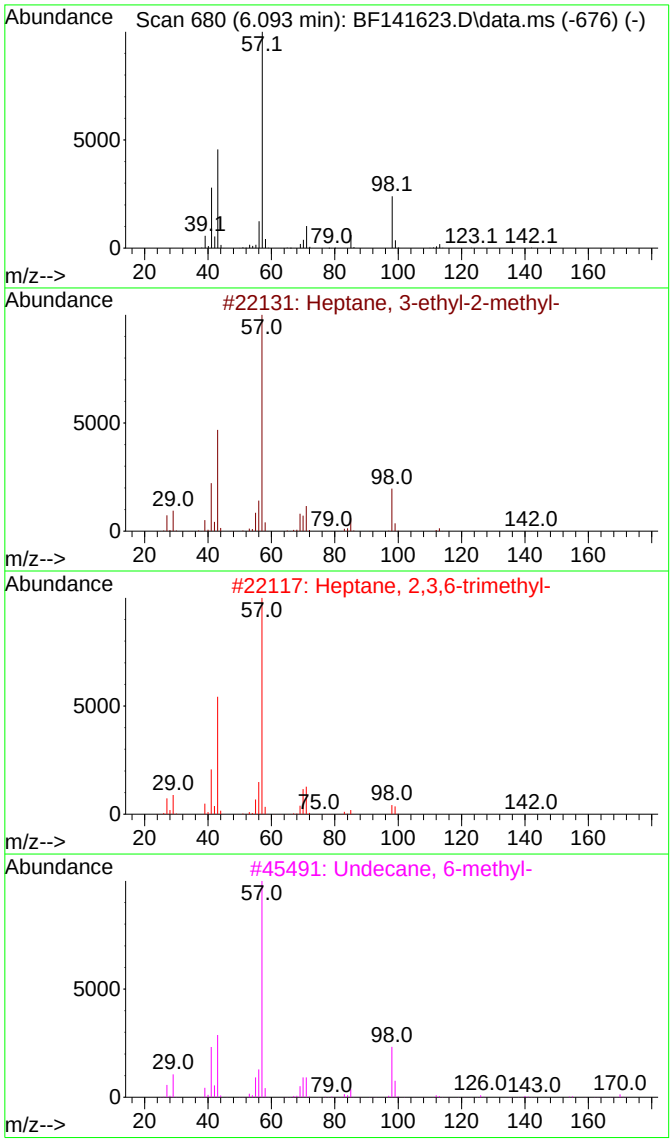
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

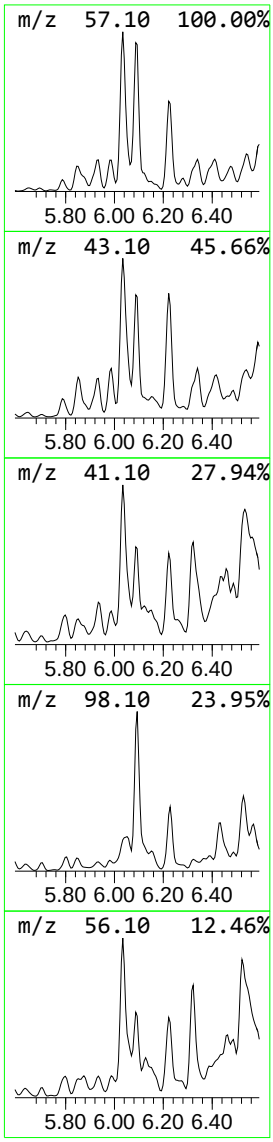
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Heptane, 3-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.093	5.80 ng	608432	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	53
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	45
4	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	42
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	42





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Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

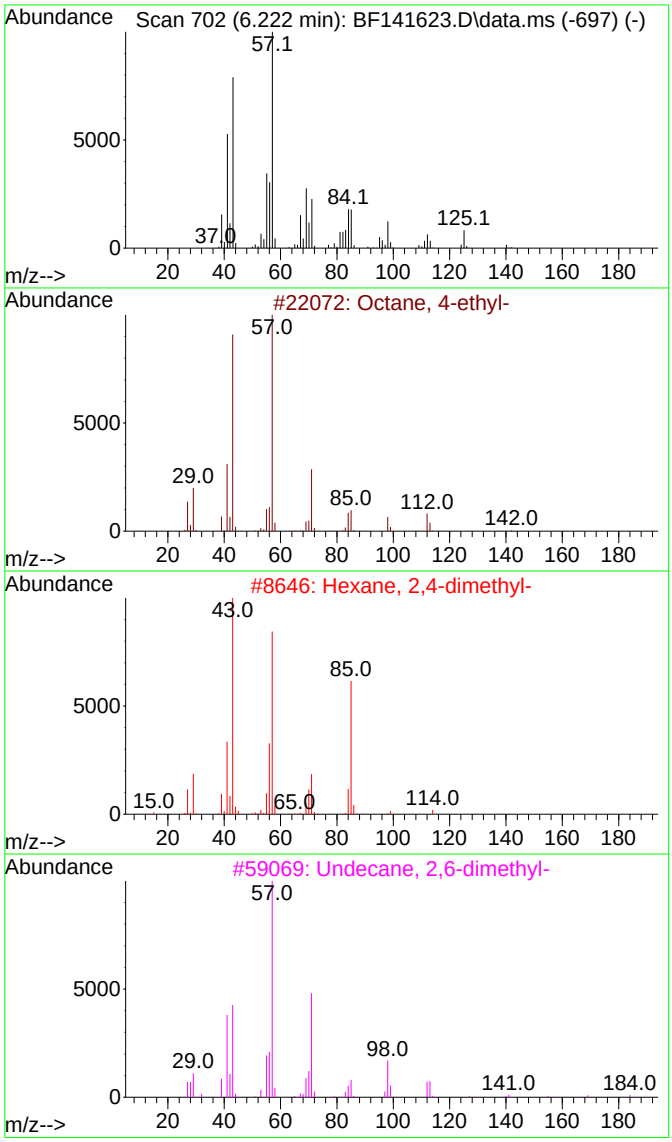
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

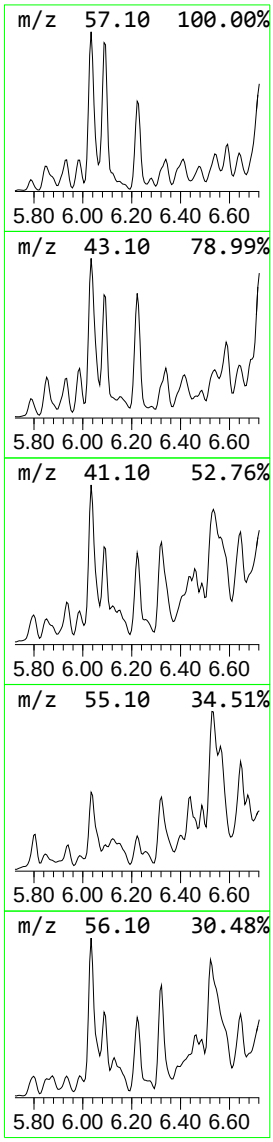
****

Peak Number 9 unknown6.222 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.222	12.51 ng	1313160	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	49
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43
5	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	43





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Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

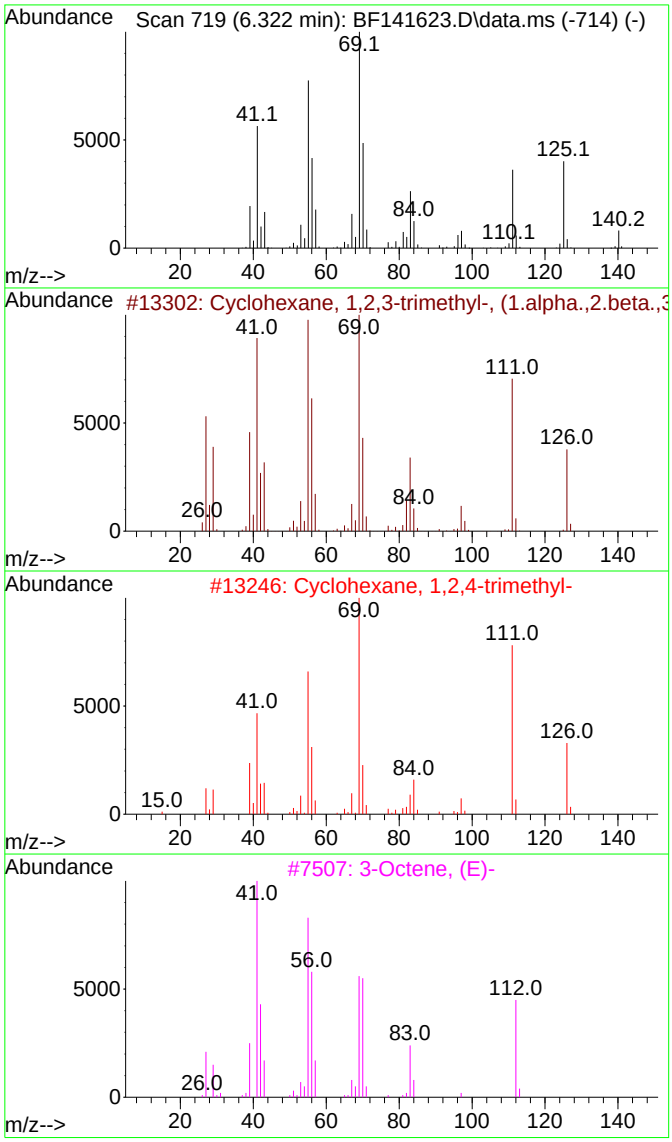
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

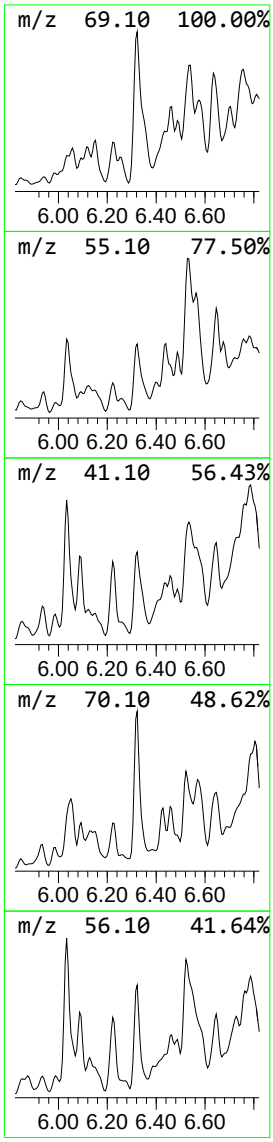
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1,2,3-trimethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.322	20.21 ng	2121260	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	68
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	58
3	3-Octene, (E)-	112	C8H16	014919-01-8	50
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	49
5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	46





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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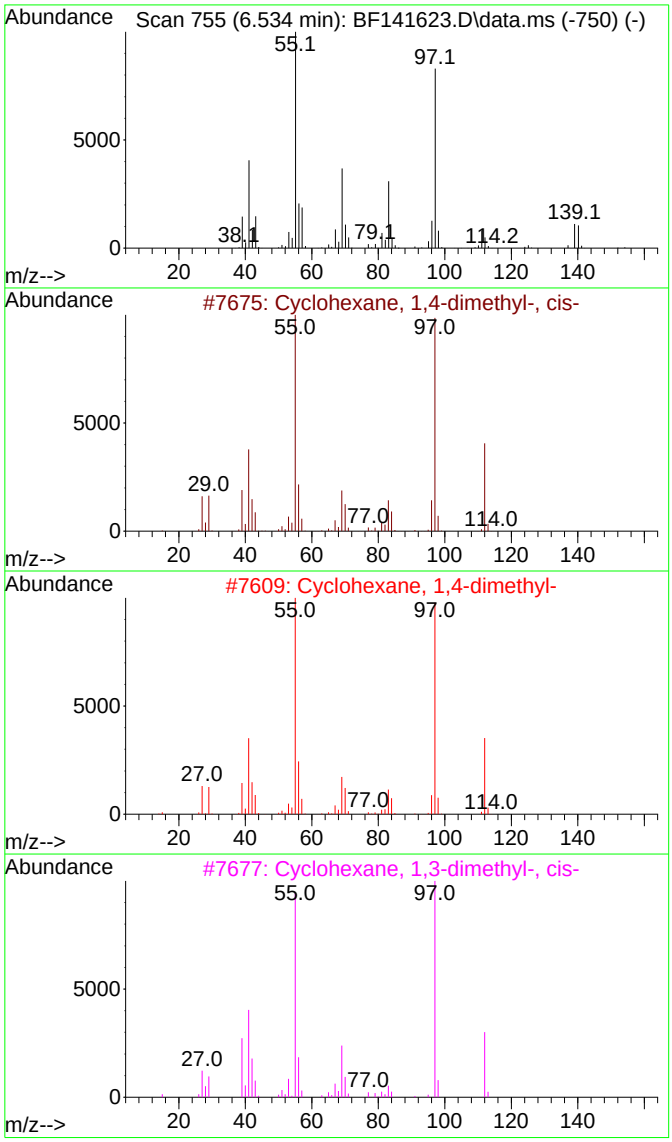
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

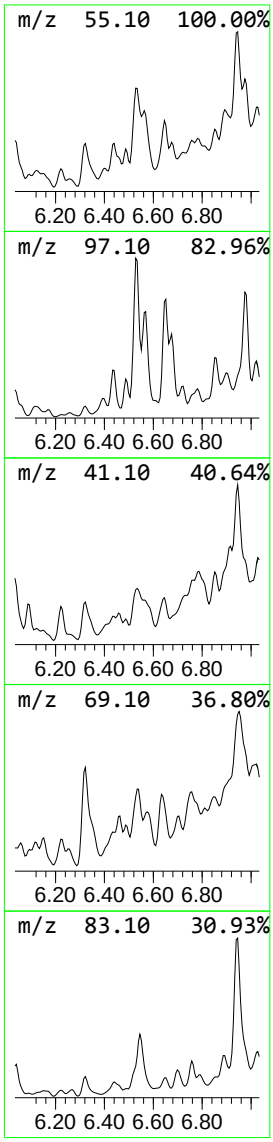
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.534	21.25 ng	2231290	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	72
2	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	72
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	70
4	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	64
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	64





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Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

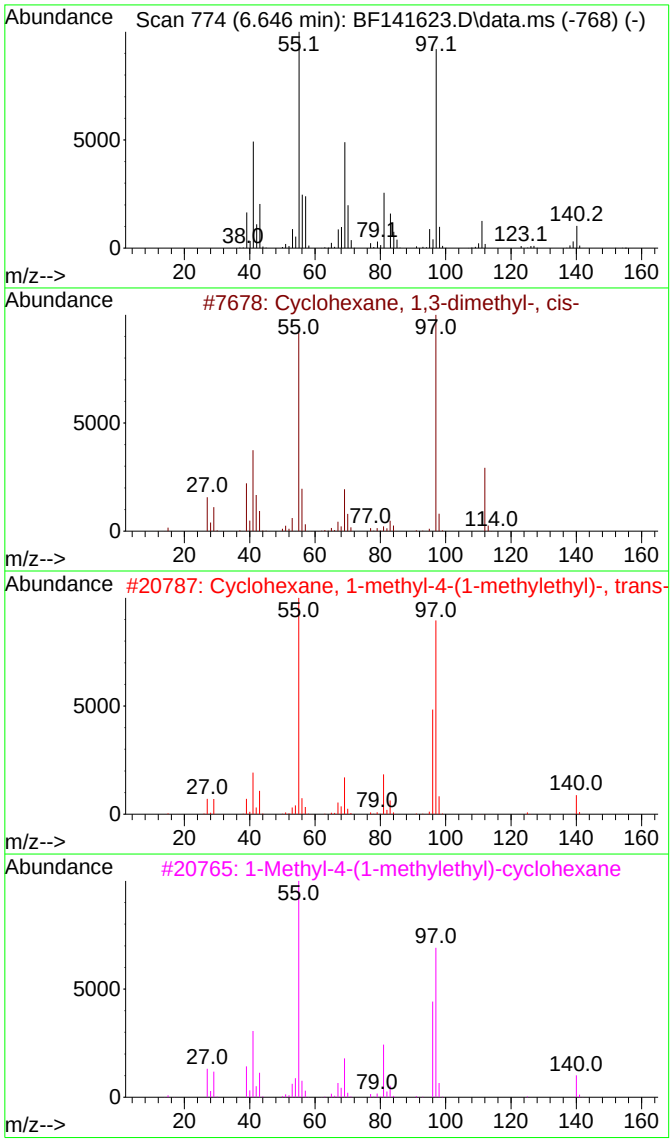
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

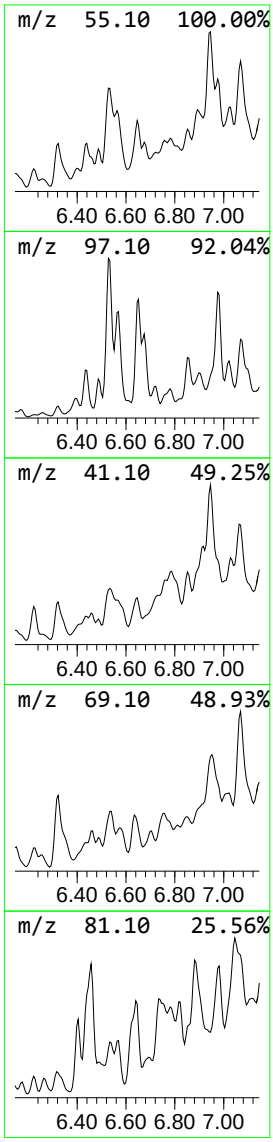
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.646	13.76 ng	1444290	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	52
3	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	52
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	52
5	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	52





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

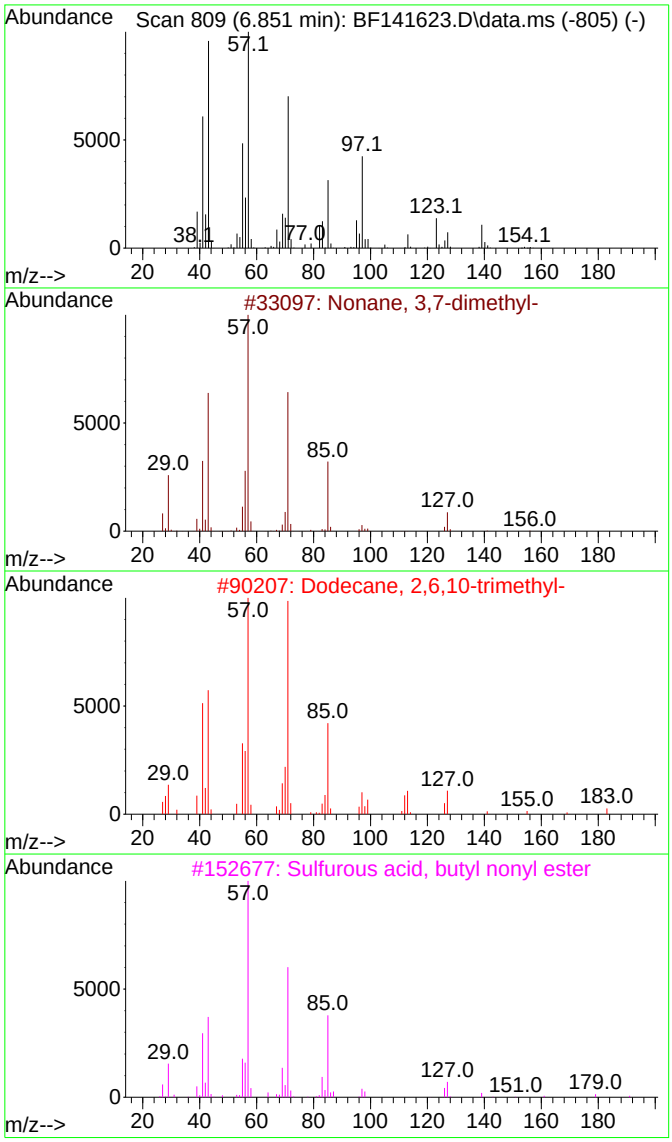
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

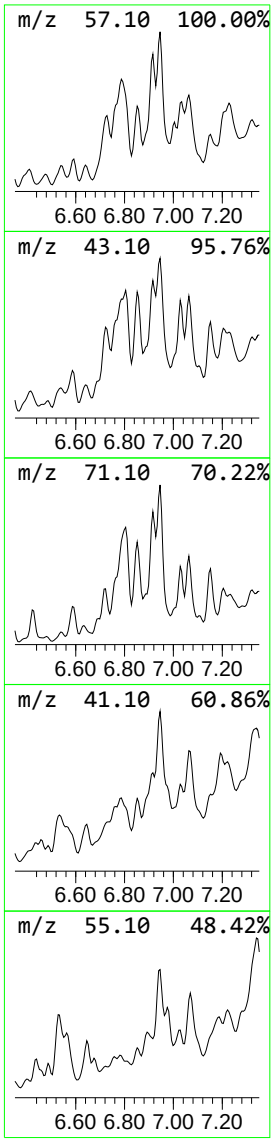
****

Peak Number 13 unknown6.851 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.851	10.56 ng	1108180	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	46
3	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	43
4	Tetratetracontane	619	C44H90	007098-22-8	43
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	43





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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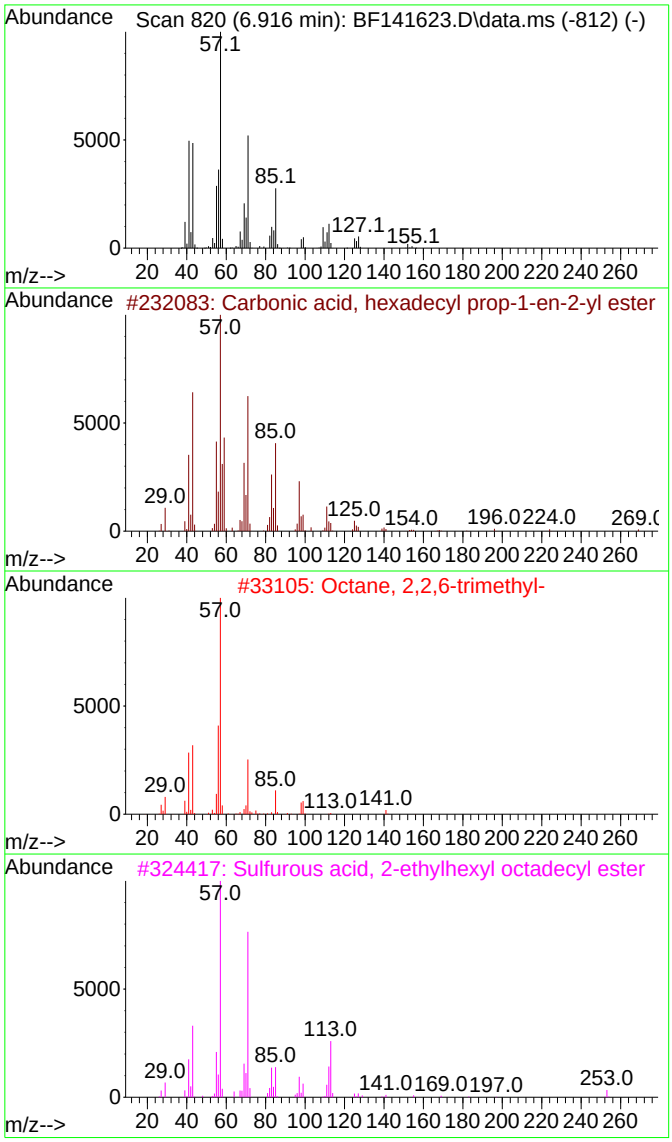
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

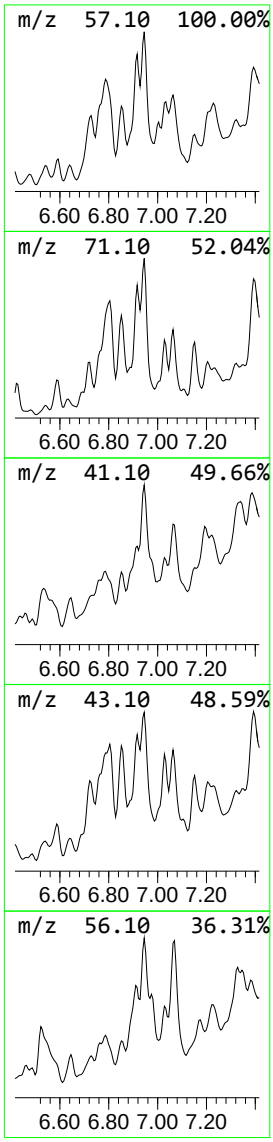
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Carbonic acid, hexadecyl pr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.916	19.17 ng	2012930	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	53
2	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	53
3	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	53
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	50





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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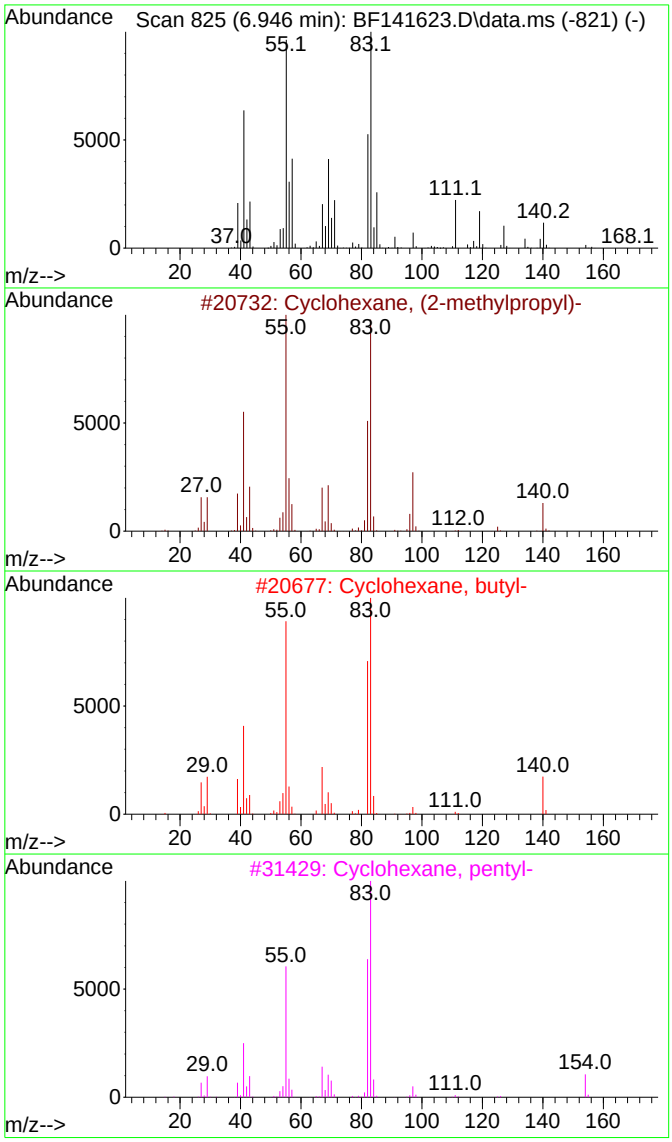
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

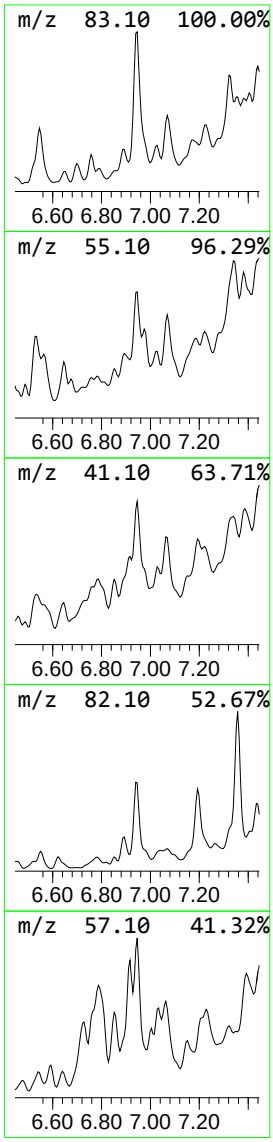
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclohexane, (2-methylpropyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.946	22.73 ng	2386130	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	52
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	47





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

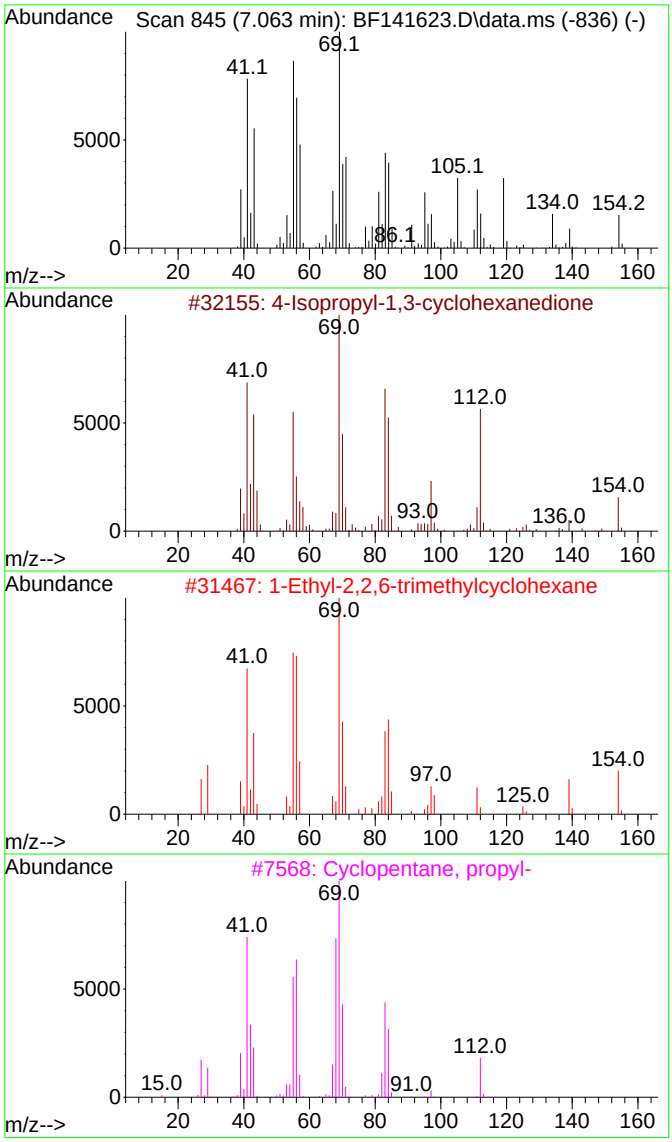
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

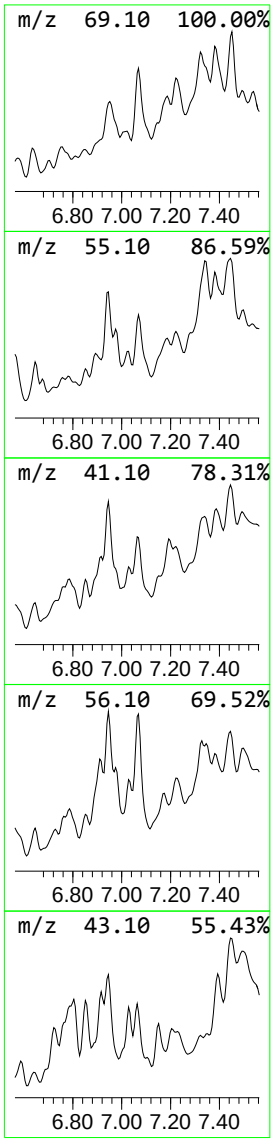
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4-Isopropyl-1,3-cyclohexane... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.063	45.08 ng	4732920	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	83
2	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	76
3	Cyclopentane, propyl-	112	C8H16	002040-96-2	64
4	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	58
5	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	49





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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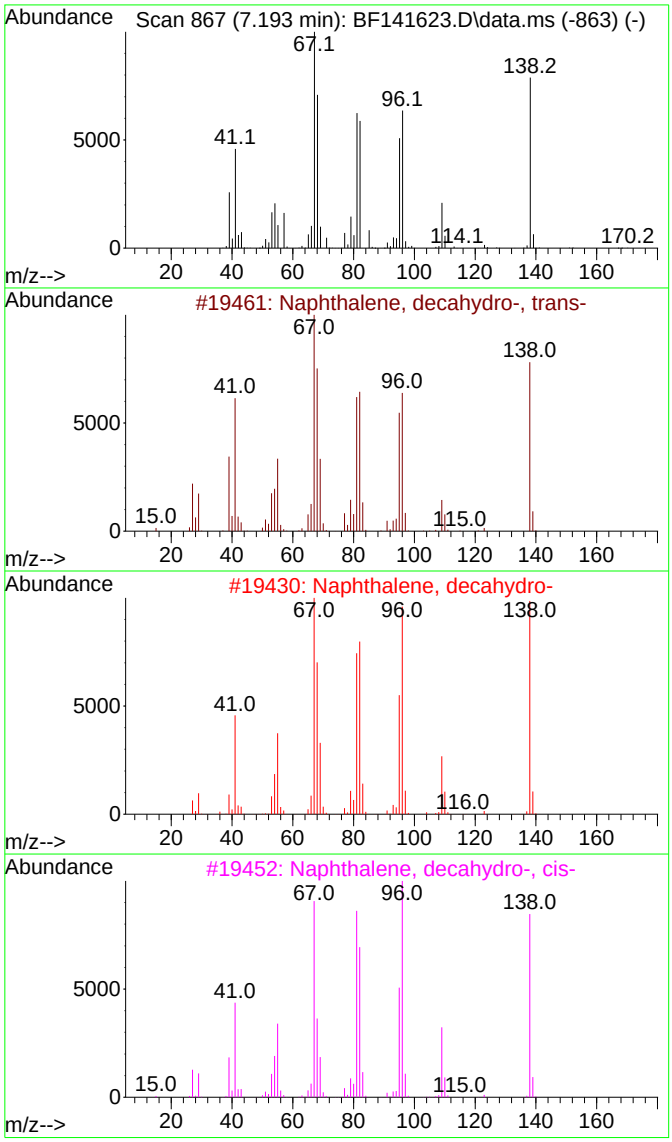
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

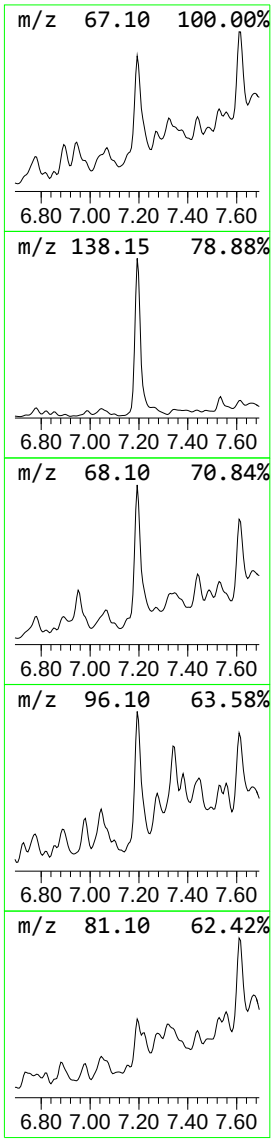
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, decahydro-, tr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.193	20.35 ng	2136630	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	87
4	Spiro[4.5]decane	138	C10H18	000176-63-6	74
5	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	72





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

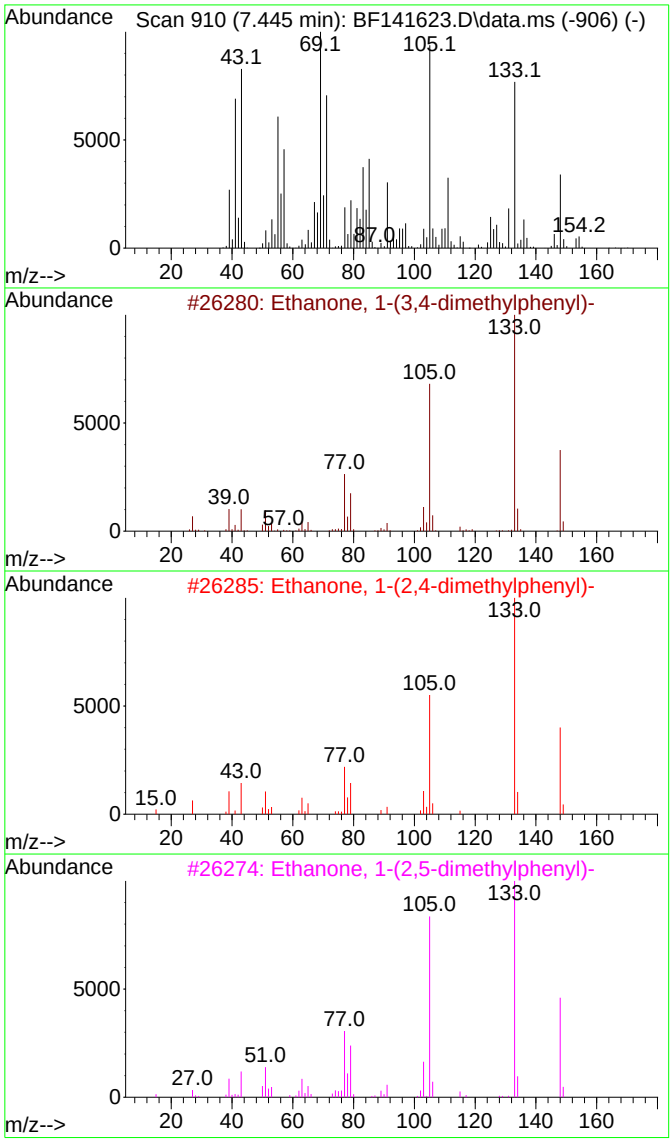
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

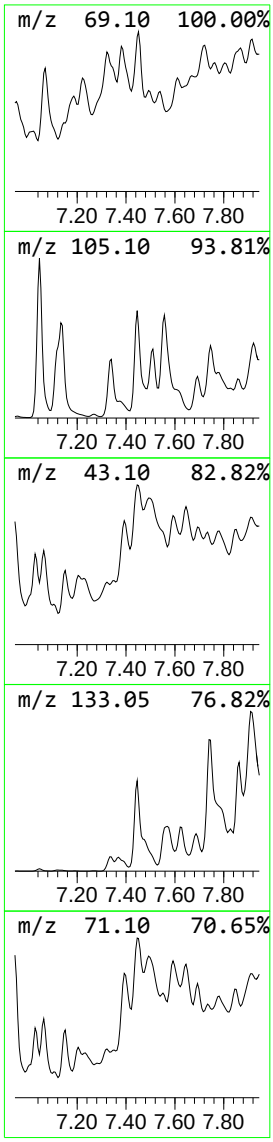
****

Peak Number 18 unknown7.445 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.445	20.00 ng	2883610	Naphthalene-d8	8.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	35
2	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	35
3	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	35
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	35
5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	18





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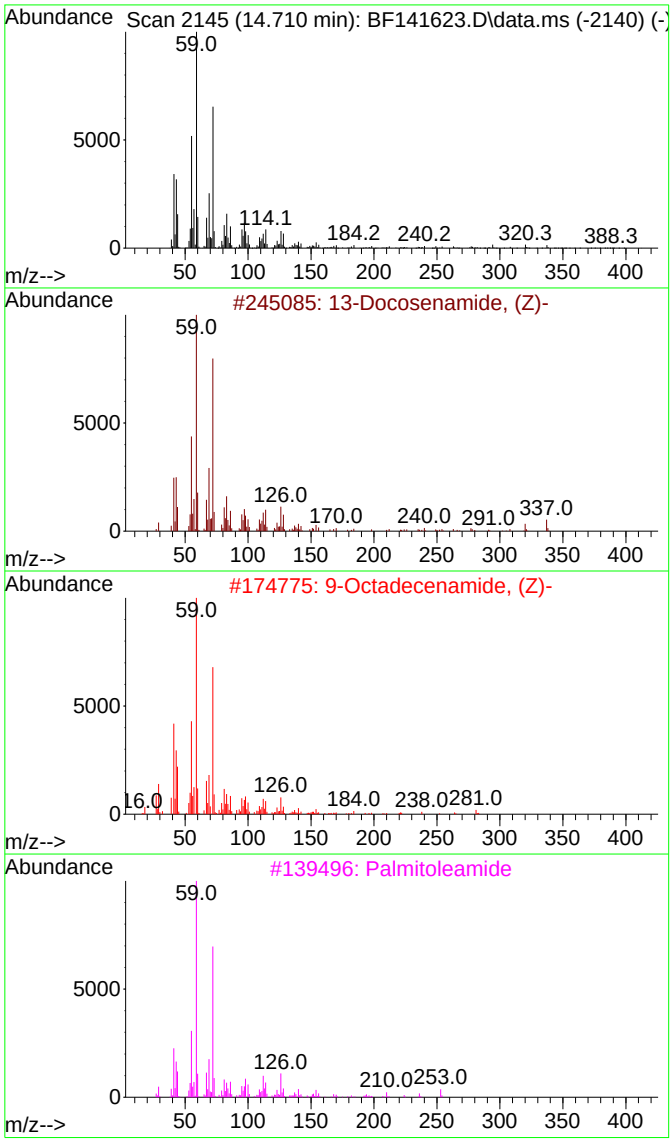
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

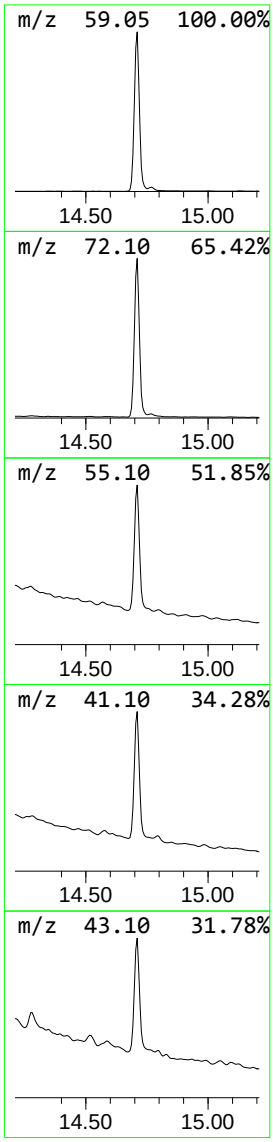
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 13-Docosenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.710	58.20 ng	2173870	Perylene-d12	15.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	Palmitoleamide	253	C16H31NO	106010-22-4	72
4	Decanamide-	171	C10H21NO	002319-29-1	59
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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
Cyclohexane, 1,...	5.546	2.1	ng	221588	1	6.793	2099660	20.0
Sulfurous acid,...	5.640	2.4	ng	248831	1	6.793	2099660	20.0
Cyclohexane, 1-...	5.799	5.8	ng	608615	1	6.793	2099660	20.0
Isobutyl tetrad...	5.851	4.1	ng	427186	1	6.793	2099660	20.0
unknown5.940	5.940	5.7	ng	593891	1	6.793	2099660	20.0
Dodecane, 2,6,1...	5.987	2.9	ng	300260	1	6.793	2099660	20.0
Nonane, 3-methyl-	6.034	19.9	ng	2085390	1	6.793	2099660	20.0
Heptane, 3-ethy...	6.093	5.8	ng	608432	1	6.793	2099660	20.0
unknown6.222	6.222	12.5	ng	1313160	1	6.793	2099660	20.0
Cyclohexane, 1,...	6.322	20.2	ng	2121260	1	6.793	2099660	20.0
Cyclohexane, 1,...	6.534	21.3	ng	2231290	1	6.793	2099660	20.0
Cyclohexane, 1,...	6.646	13.8	ng	1444290	1	6.793	2099660	20.0
unknown6.851	6.851	10.6	ng	1108180	1	6.793	2099660	20.0
Carbonic acid, ...	6.916	19.2	ng	2012930	1	6.793	2099660	20.0
Cyclohexane, (2...	6.946	22.7	ng	2386130	1	6.793	2099660	20.0
4-Isopropyl-1,3...	7.063	45.1	ng	4732920	1	6.793	2099660	20.0
Naphthalene, de...	7.193	20.4	ng	2136630	1	6.793	2099660	20.0
unknown7.445	7.445	20.0	ng	2883610	2	8.087	2883610	20.0
13-Docosenamide...	14.710	58.2	ng	2173870	6	15.404	747051	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141648.D
Acq On : 14 Feb 2025 19:08
Operator : RC/JU
Sample : Q1331-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1RDL

Quant Time: Feb 15 00:13:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

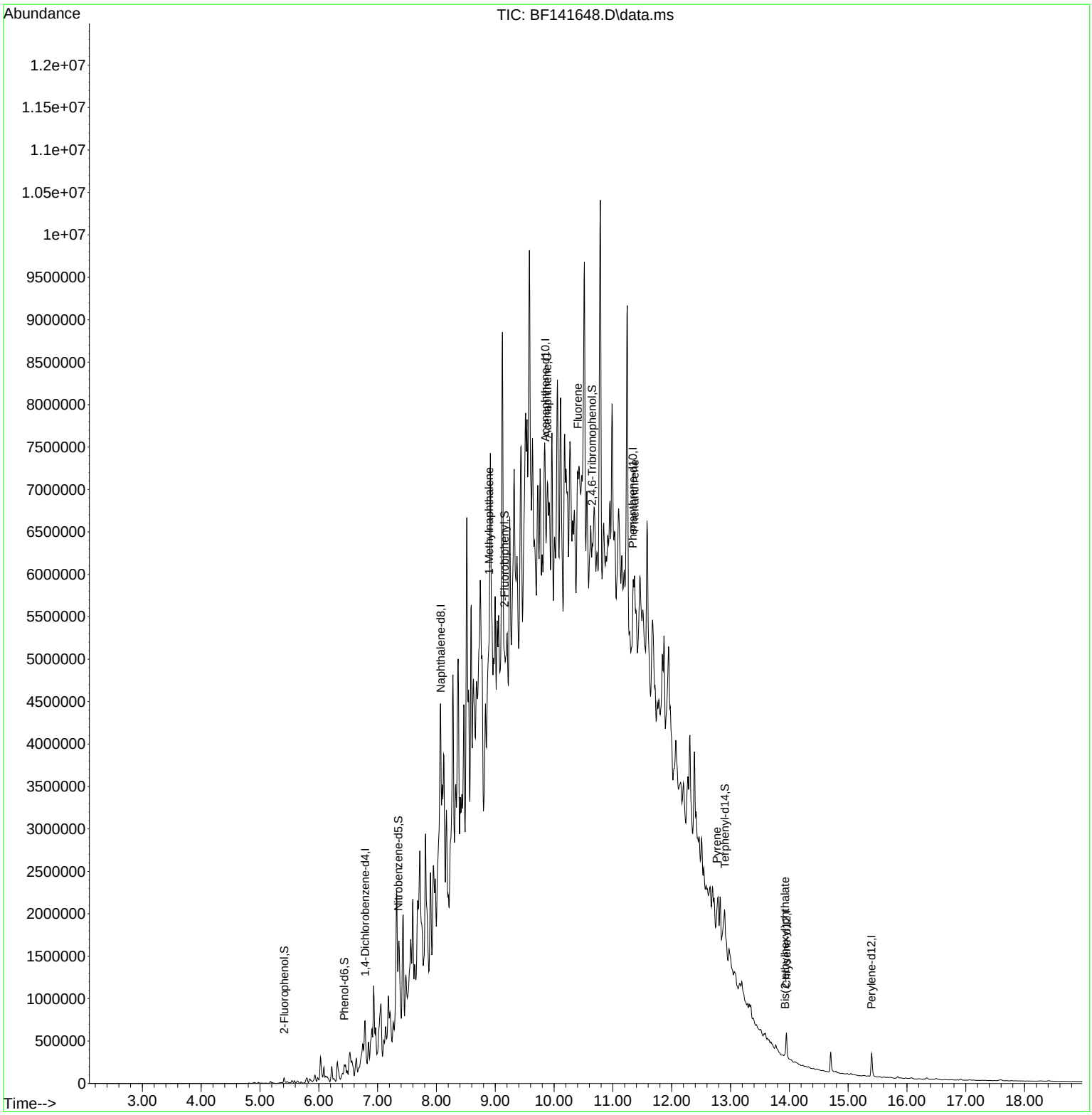
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	69665	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	254515	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	116077	20.000	ng	# 0.02
64) Phenanthrene-d10	11.339	188	175889	20.000	ng	# 0.02
76) Chrysene-d12	13.951	240	138765	20.000	ng	-0.01
86) Perylene-d12	15.398	264	158981	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	33191	7.469	ng	0.00
7) Phenol-d6	6.434	99	34244	6.097	ng	0.00
23) Nitrobenzene-d5	7.351	82	99487	20.388	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	35784	30.688	ng	0.02
45) 2-Fluorobiphenyl	9.157	172	192682	25.574	ng	0.00
79) Terphenyl-d14	12.904	244	158897	19.331	ng	0.00
Target Compounds						Qvalue
38) 1-Methylnaphthalene	8.898	142	156330	18.722	ng	86
52) Acenaphthene	9.886	154	91349	13.728	ng	# 47
58) Fluorene	10.404	166	266273	35.258	ng	# 78
71) Phenanthrene	11.369	178	524843	54.209	ng	# 87
78) Pyrene	12.769	202	170154	14.404	ng	# 91
84) Bis(2-ethylhexyl)phtha...	13.927	149	10841	2.349	ng	# 87

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

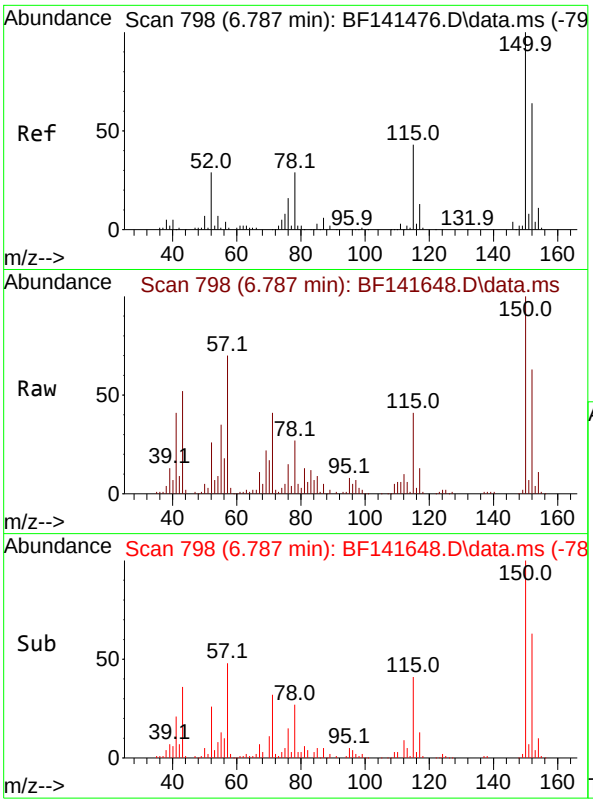
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141648.D
Acq On : 14 Feb 2025 19:08
Operator : RC/JU
Sample : Q1331-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1RDL

Quant Time: Feb 15 00:13:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration



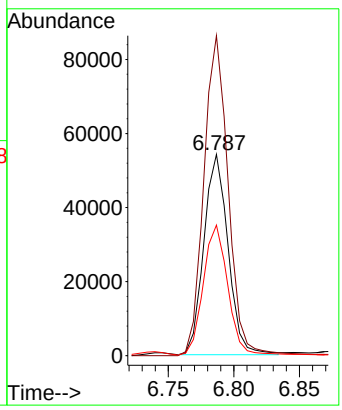
Instrument :
BNA_F
ClientSampleId :
MW1RDL

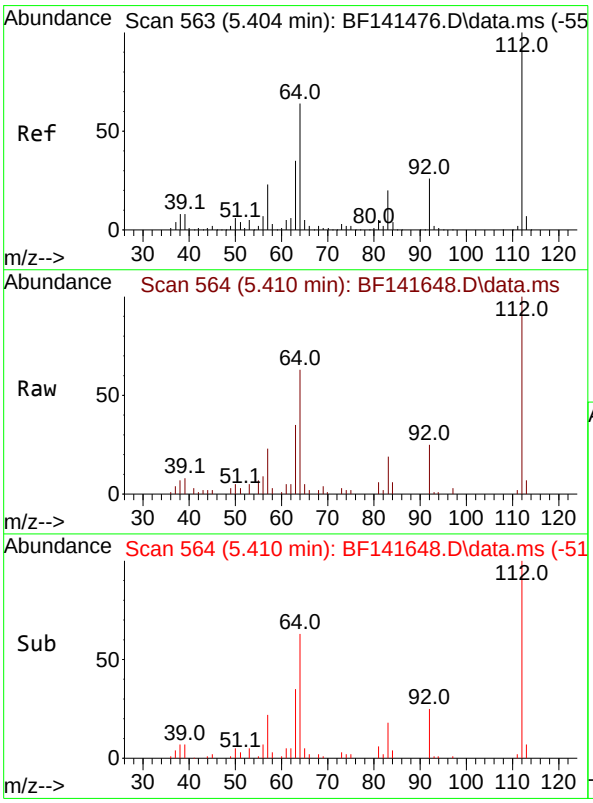


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion:152 Resp: 69665

Ion	Ratio	Lower	Upper
152	100		
150	159.0	125.0	187.4
115	64.8	53.6	80.4

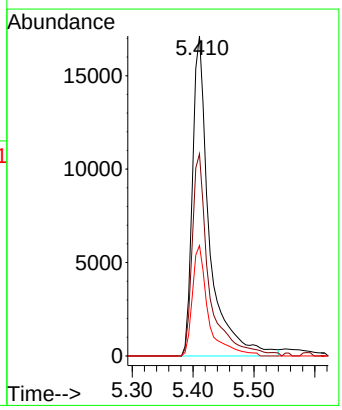




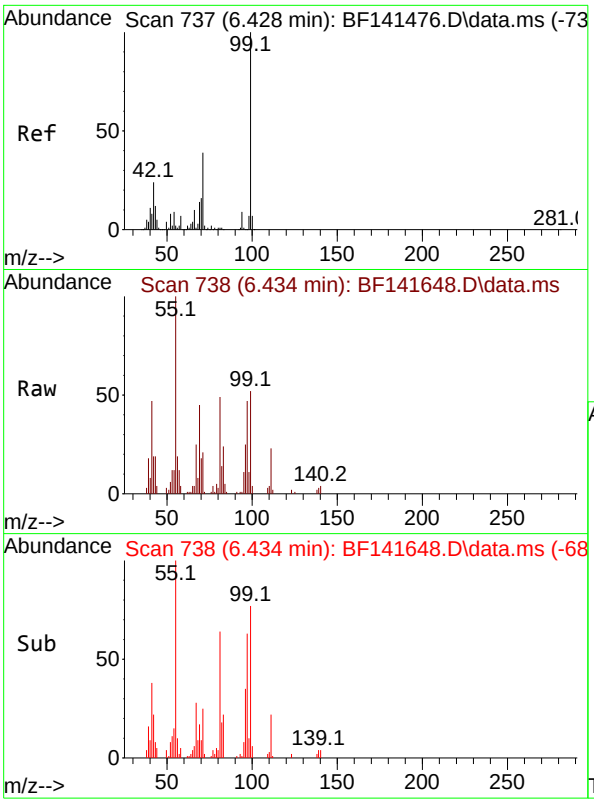
#5
2-Fluorophenol
Concen: 7.469 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion:112 Resp: 33191

Ion	Ratio	Lower	Upper
112	100		
64	63.2	51.1	76.7
63	34.5	28.4	42.6



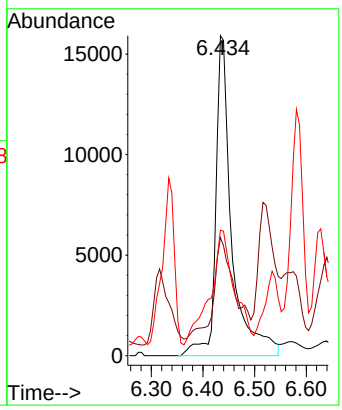
Instrument :
BNA_F
ClientSampleId :
MW1RDL

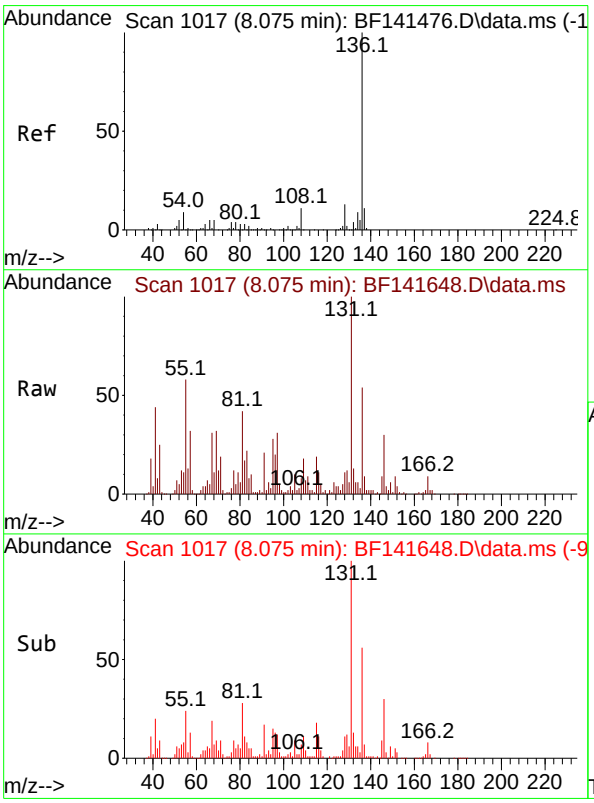


#7
Phenol-d6
Concen: 6.097 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion: 99 Resp: 34244

Ion	Ratio	Lower	Upper
99	100		
42	36.9	19.1	28.7#
71	39.3	31.1	46.7

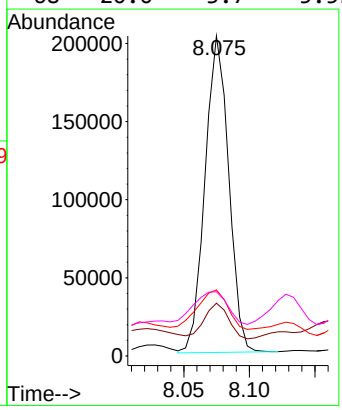




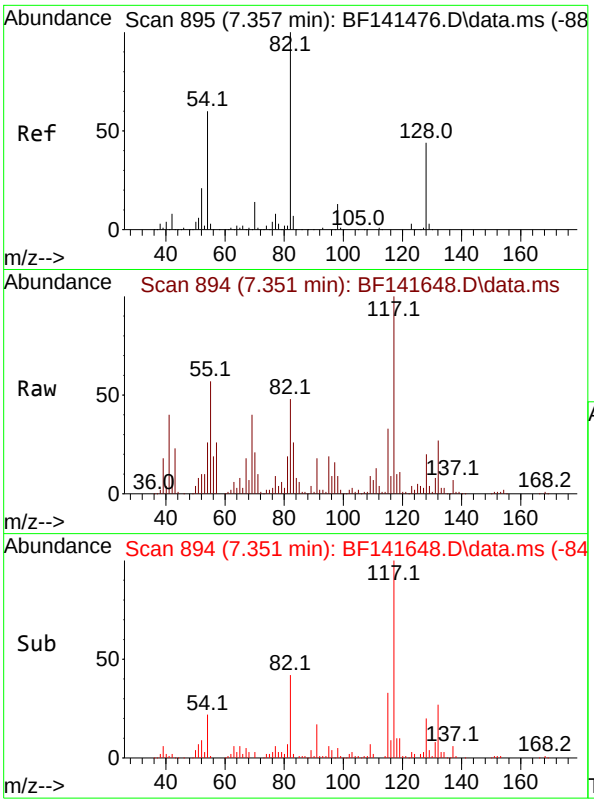
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion:136 Resp: 254515

Ion	Ratio	Lower	Upper
136	100		
137	16.5	8.6	13.0#
54	20.7	7.2	10.8#
68	20.0	3.7	5.5#



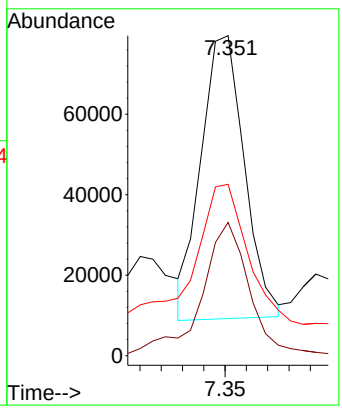
Instrument :
BNA_F
ClientSampleId :
MW1RDL

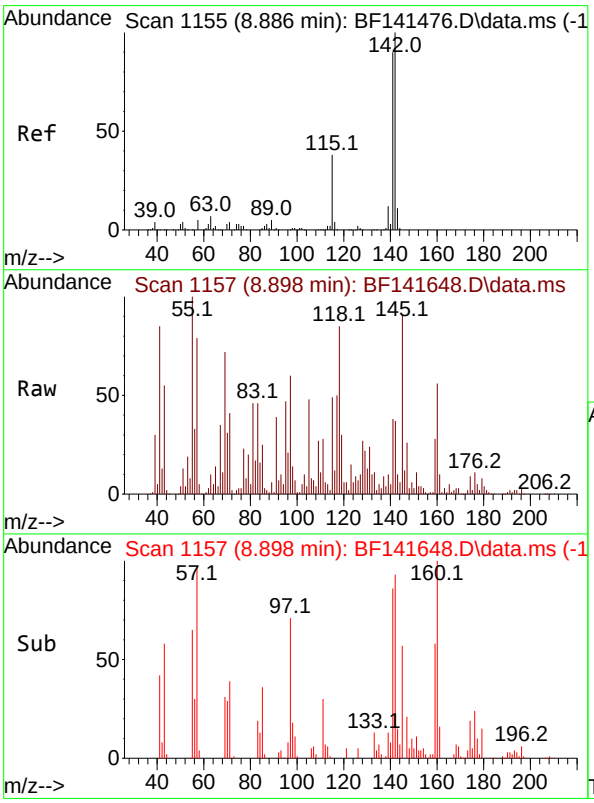


#23
Nitrobenzene-d5
Concen: 20.388 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.011 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion: 82 Resp: 99487

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.8	52.2
54	53.5	48.2	72.4

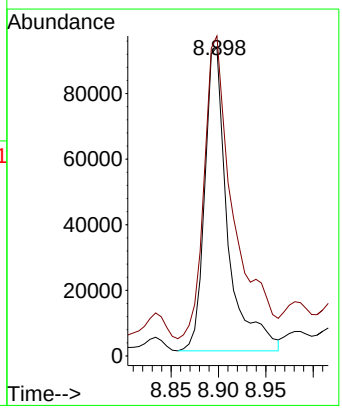




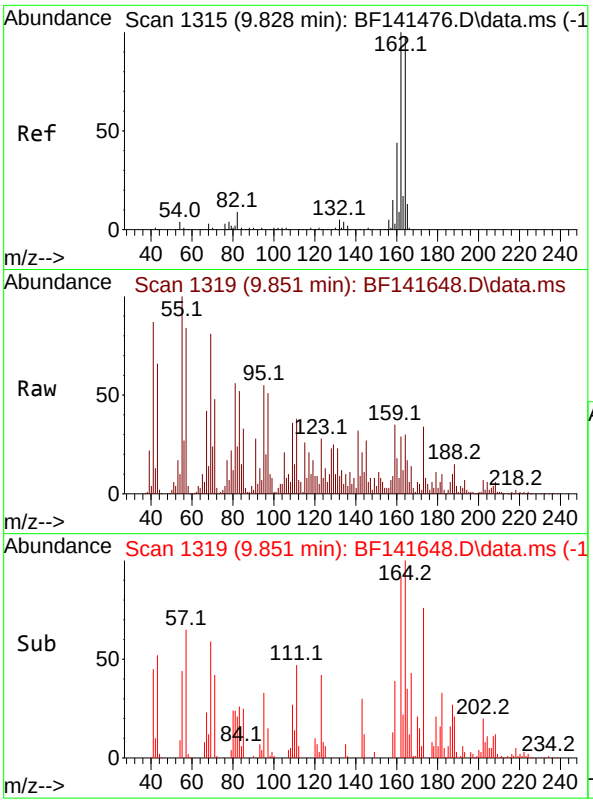
#38
1-Methylnaphthalene
Concen: 18.722 ng
RT: 8.898 min Scan# 1157
Delta R.T. 0.012 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion:142 Resp: 156330

Ion	Ratio	Lower	Upper
142	100		
141	103.6	72.1	108.1



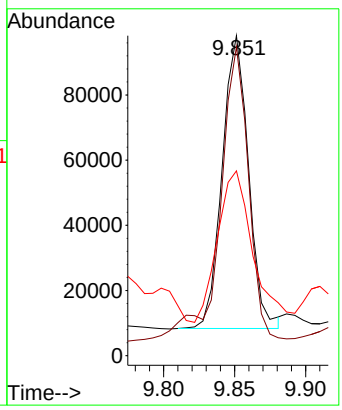
Instrument :
BNA_F
ClientSampleId :
MW1RDL

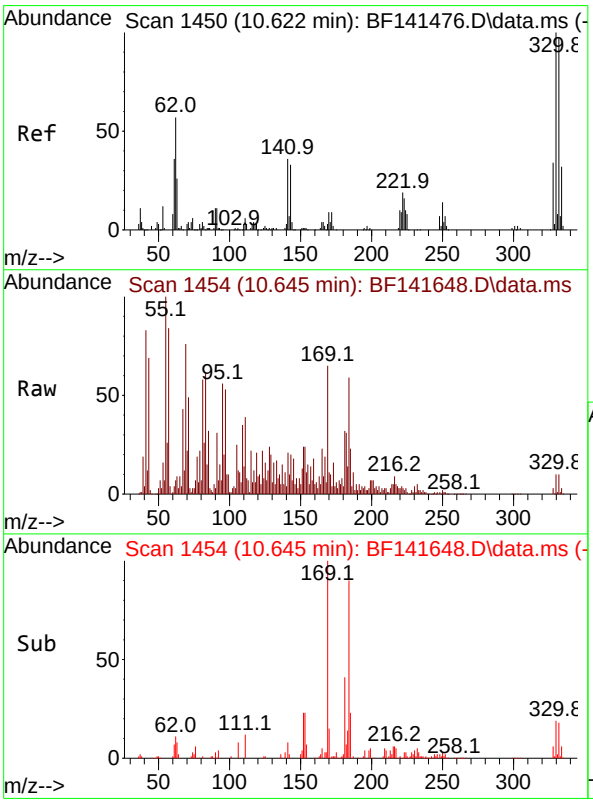


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion:164 Resp: 116077

Ion	Ratio	Lower	Upper
164	100		
162	96.5	81.3	121.9
160	57.7	35.9	53.9#

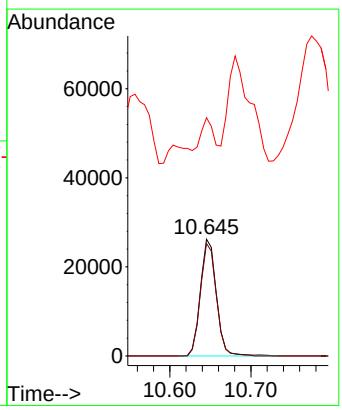




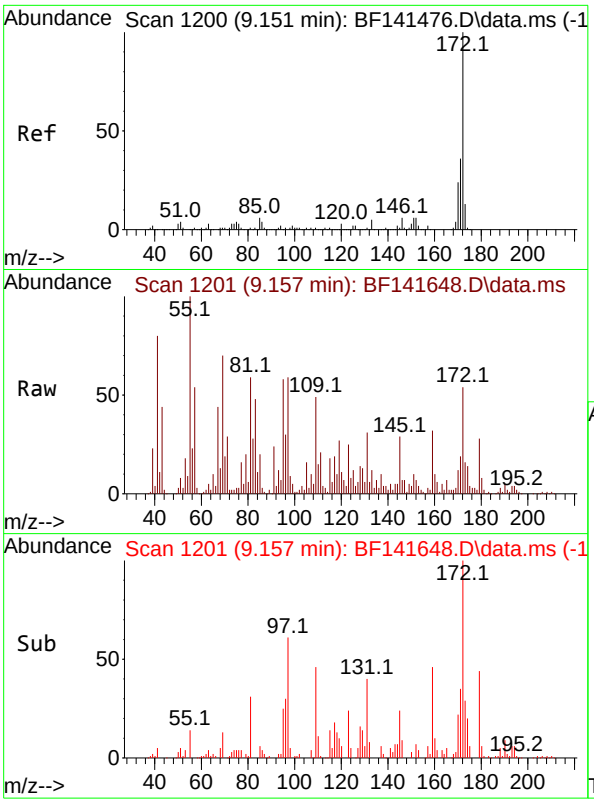
#42
2,4,6-Tribromophenol
Concen: 30.688 ng
RT: 10.645 min Scan# 1454
Delta R.T. 0.018 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion:330 Resp: 35784

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.5	117.7
141	20.0	31.0	46.4#



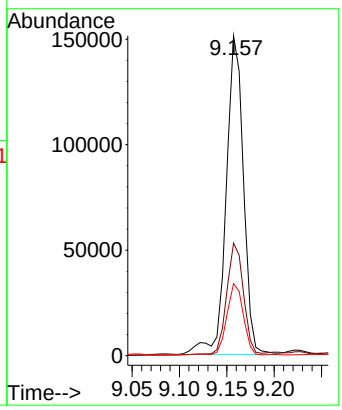
Instrument :
BNA_F
ClientSampleId :
MW1RDL

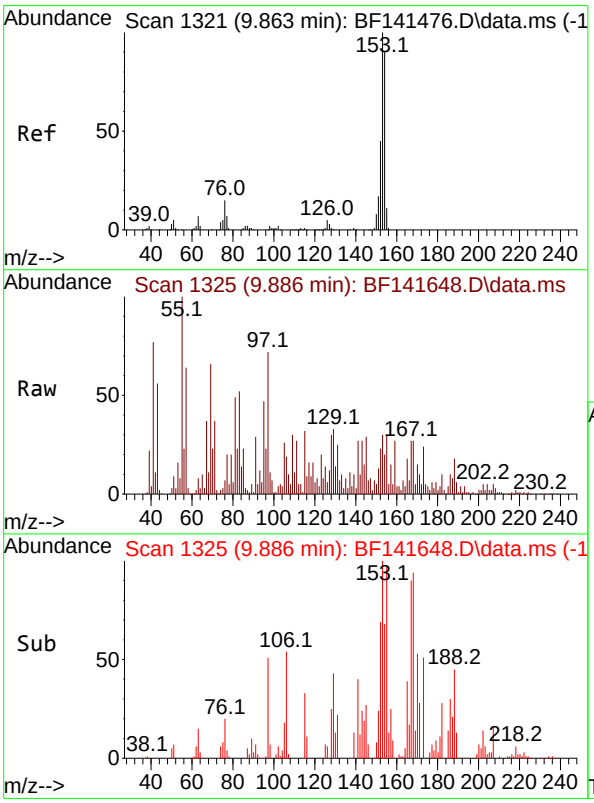


#45
2-Fluorobiphenyl
Concen: 25.574 ng
RT: 9.157 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion:172 Resp: 192682

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	22.5	18.9	28.3

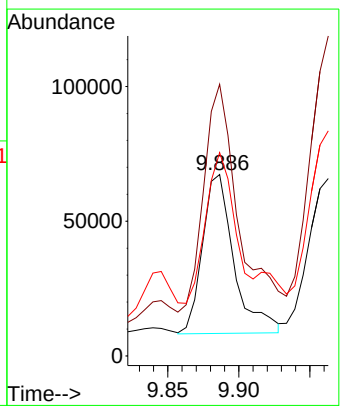




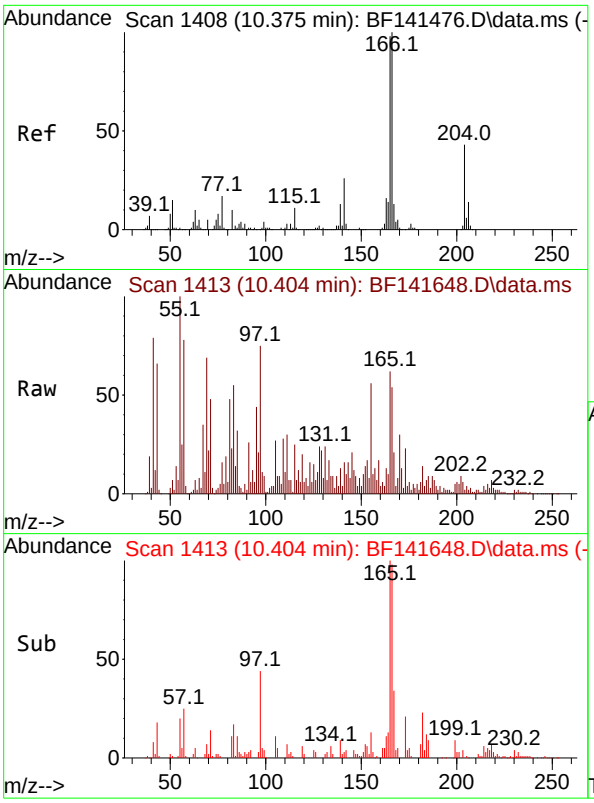
#52
Acenaphthene
Concen: 13.728 ng
RT: 9.886 min Scan# 1325
Delta R.T. 0.018 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion:154 Resp: 91349

Ion	Ratio	Lower	Upper
154	100		
153	149.8	89.2	133.8#
152	112.0	39.8	59.8#



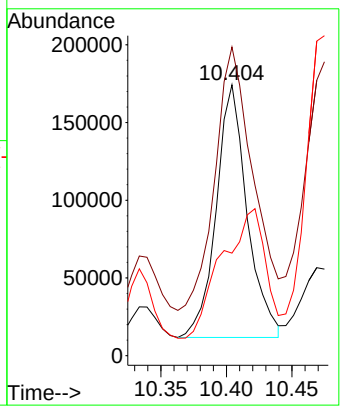
Instrument :
BNA_F
ClientSampleId :
MW1RDL

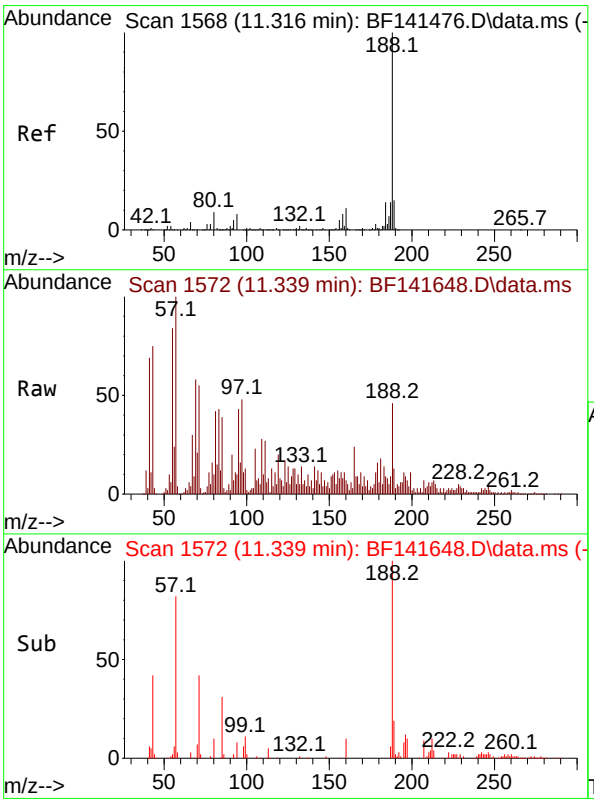


#58
Fluorene
Concen: 35.258 ng
RT: 10.404 min Scan# 14
Delta R.T. 0.024 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion:166 Resp: 266273

Ion	Ratio	Lower	Upper
166	100		
165	113.9	78.2	117.2
167	37.8	10.7	16.1#

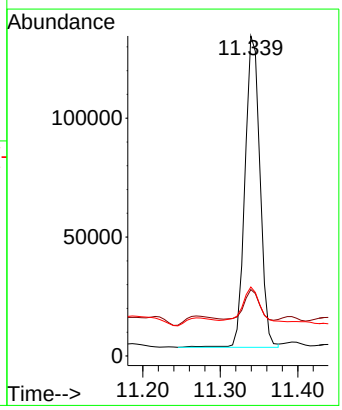




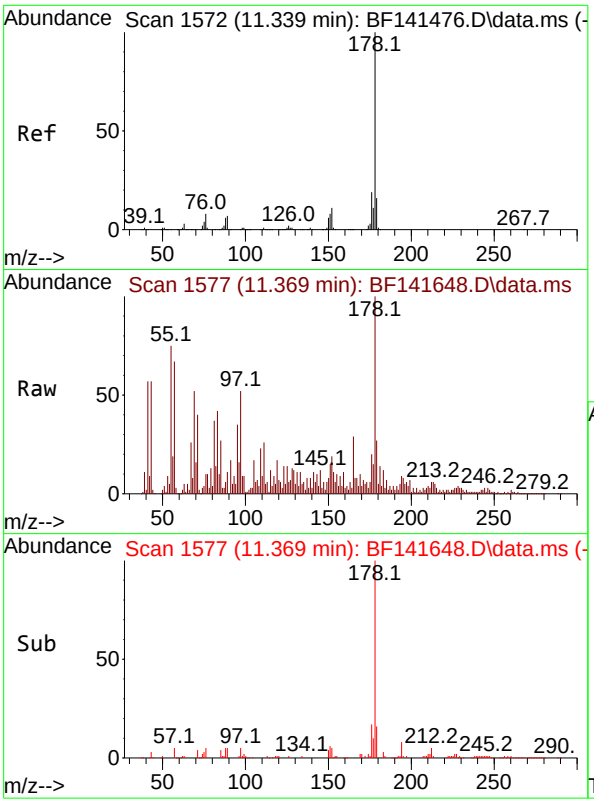
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1572
Delta R.T. 0.024 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion:188 Resp: 175889

Ion	Ratio	Lower	Upper
188	100		
94	20.7	6.6	10.0#
80	21.6	7.3	10.9#



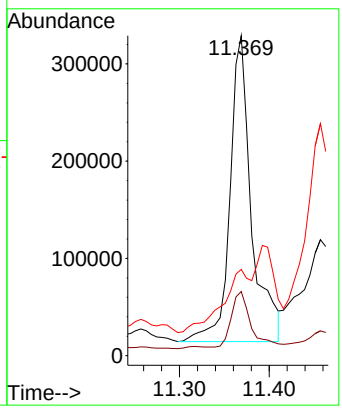
Instrument :
BNA_F
ClientSampleId :
MW1RDL

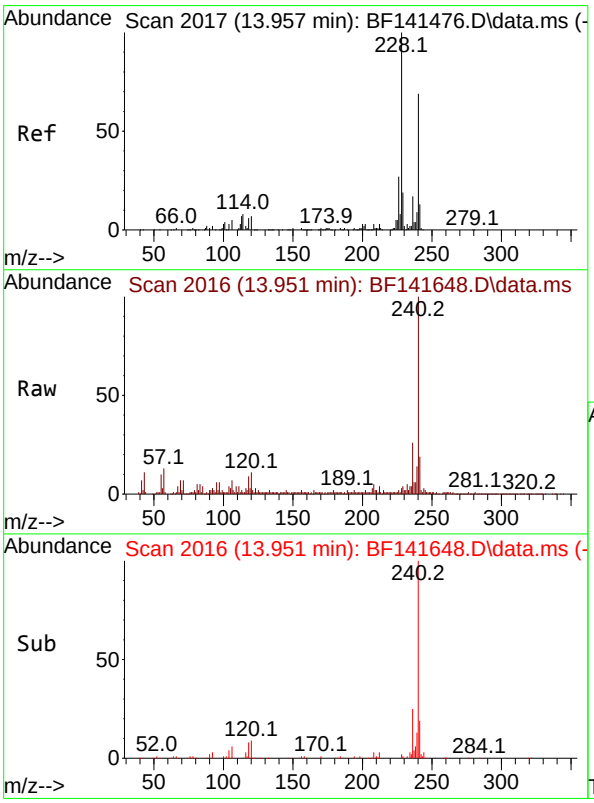


#71
Phenanthrene
Concen: 54.209 ng
RT: 11.369 min Scan# 1
Delta R.T. 0.024 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion:178 Resp: 524843

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.0
179	27.0	12.4	18.6#

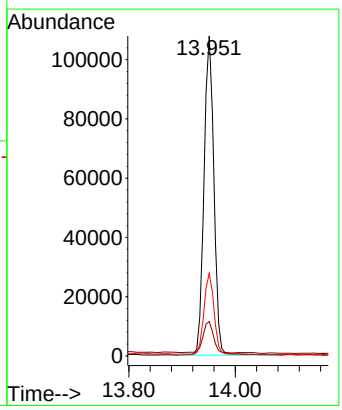




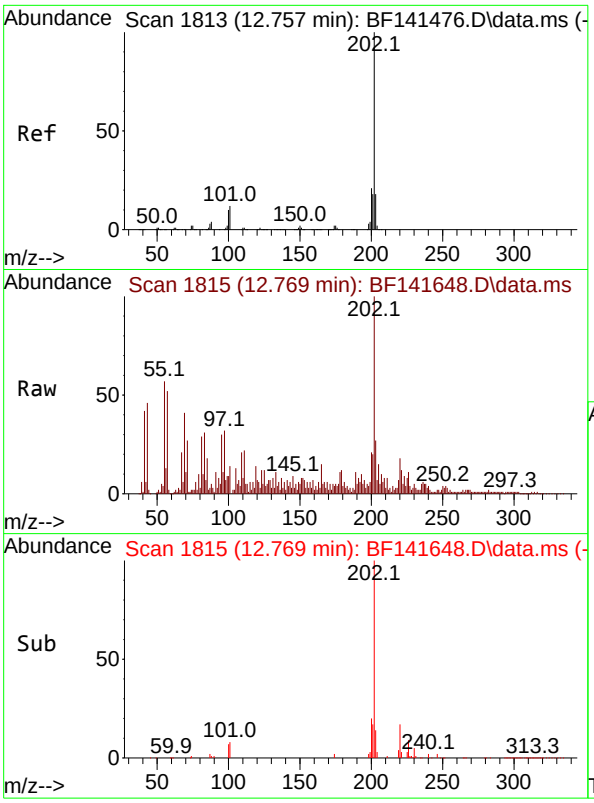
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion:240 Resp: 138765

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.0	12.0
236	25.8	19.8	29.8



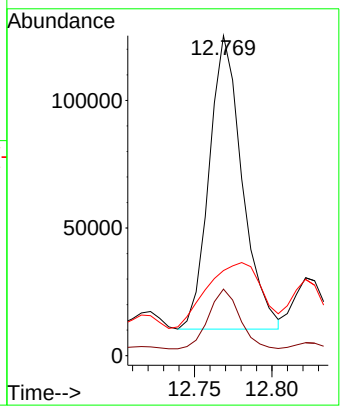
Instrument :
BNA_F
ClientSampleId :
MW1RDL

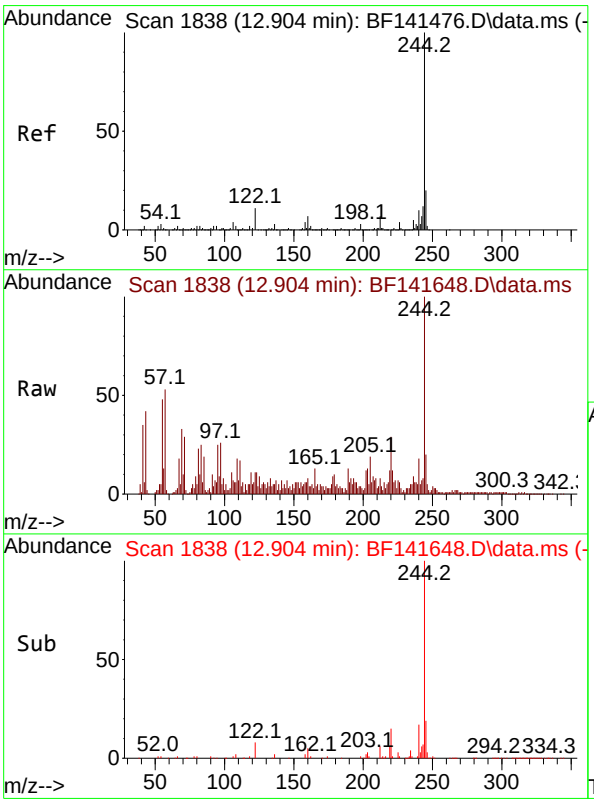


#78
Pyrene
Concen: 14.404 ng
RT: 12.769 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion:202 Resp: 170154

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	26.6	14.3	21.5#

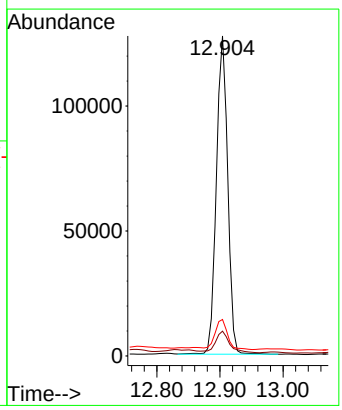


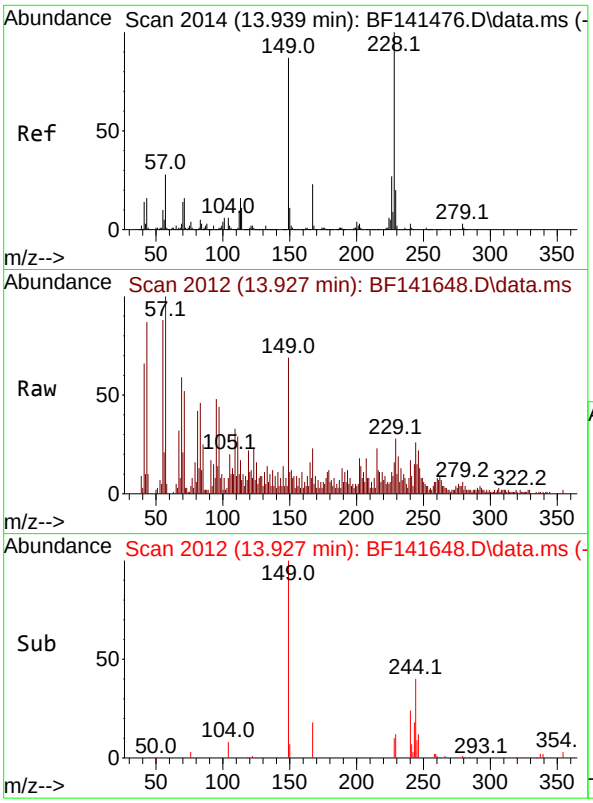


#79
Terphenyl-d14
Concen: 19.331 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion:244 Resp: 158897

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.6	8.4
122	11.4	8.4	12.6



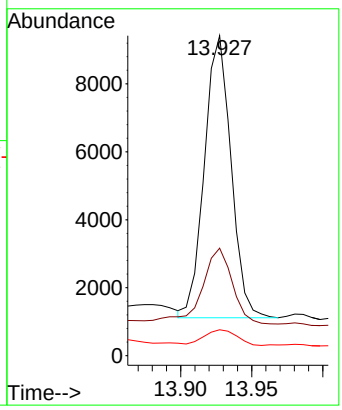


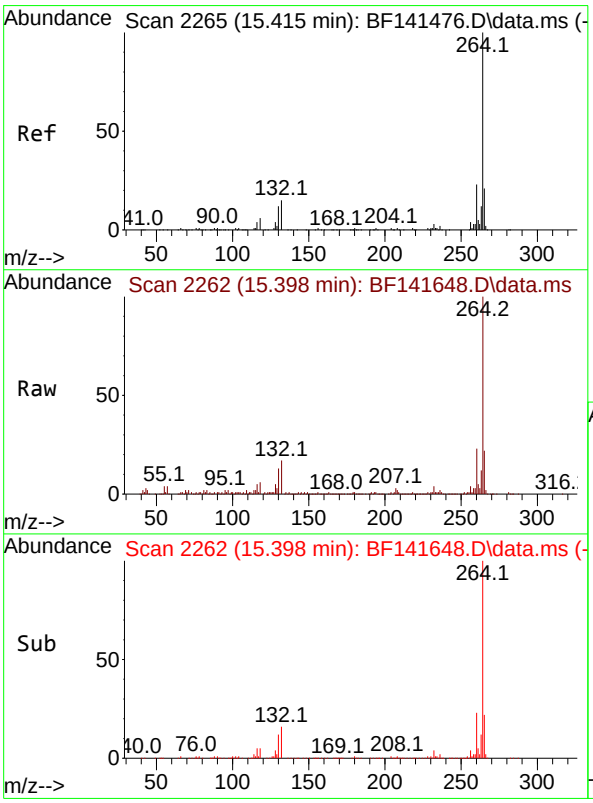
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.349 ng
RT: 13.927 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Instrument :
BNA_F
ClientSampleId :
MW1RDL

Tgt Ion:149 Resp: 10841

Ion	Ratio	Lower	Upper
149	100		
167	33.6	21.4	32.0#
279	8.1	3.1	4.7#

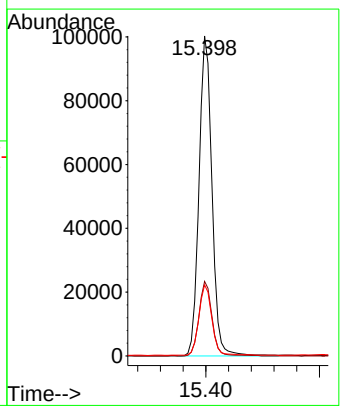




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 2262
Delta R.T. -0.017 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion:264 Resp: 158981

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.2	17.0	25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141554.D
Acq On : 11 Feb 2025 11:47
Operator : RC/JU
Sample : PB166641BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166641BL

Quant Time: Feb 11 12:13:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

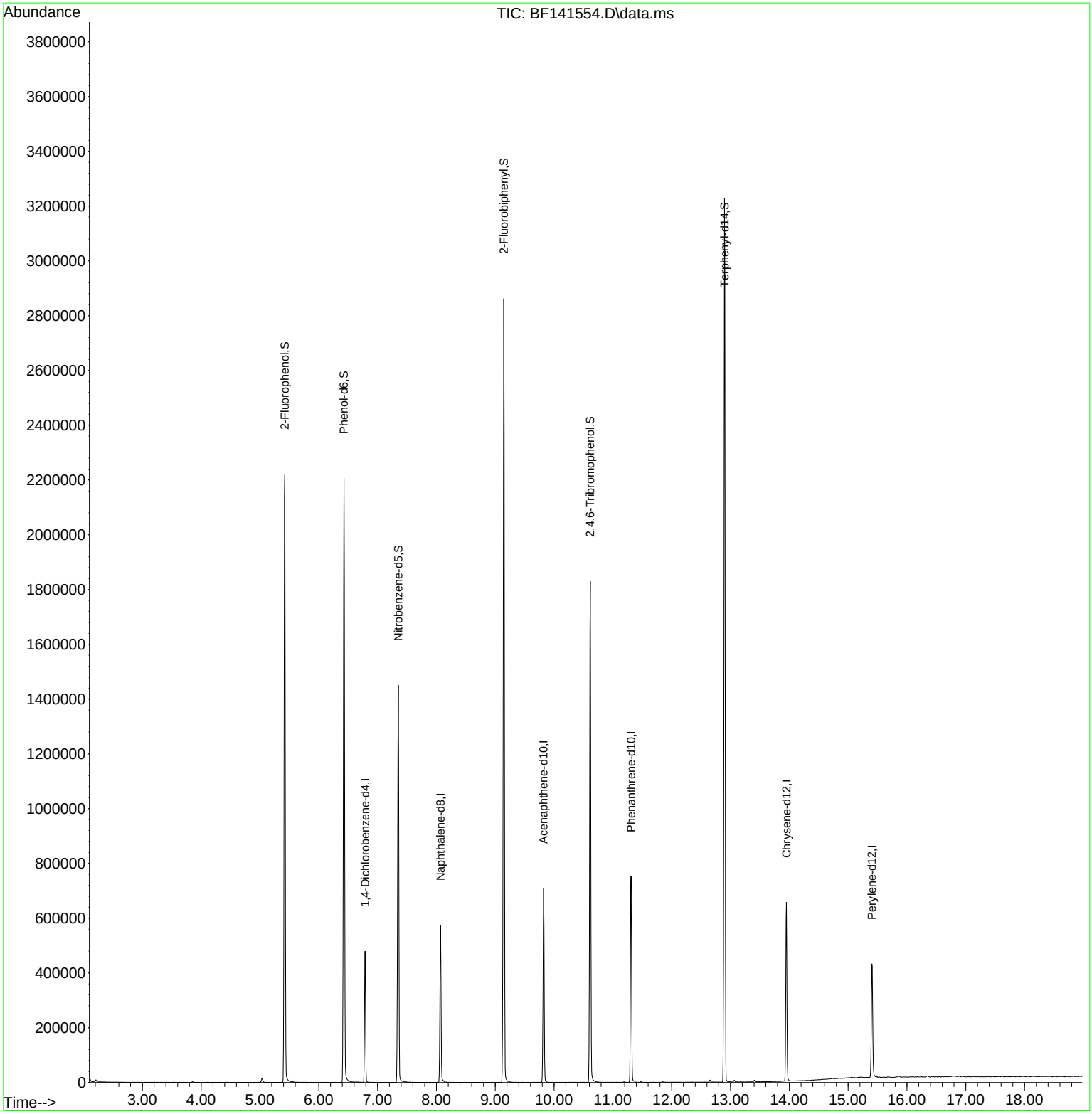
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	97044	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	390720	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	219692	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	401003	20.000	ng	0.00
76) Chrysene-d12	13.951	240	328820	20.000	ng	-0.01
86) Perylene-d12	15.404	264	255232	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	825237	133.317	ng	0.01
7) Phenol-d6	6.428	99	1033560	132.106	ng	-0.01
23) Nitrobenzene-d5	7.351	82	694900	92.764	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	305667	138.505	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1328906	93.193	ng	0.00
79) Terphenyl-d14	12.898	244	1664298	85.446	ng	0.00
Target Compounds						Qvalue

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

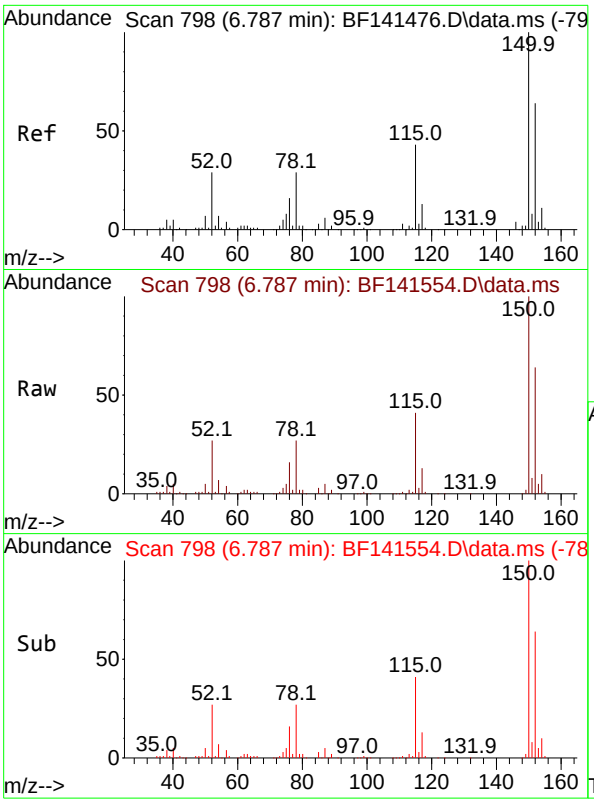
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141554.D
Acq On : 11 Feb 2025 11:47
Operator : RC/JU
Sample : PB166641BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166641BL

Quant Time: Feb 11 12:13:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration



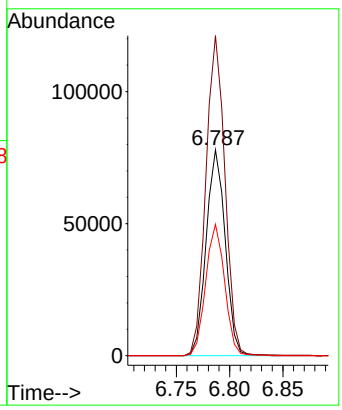
Instrument :
BNA_F
ClientSampleId :
PB166641BL

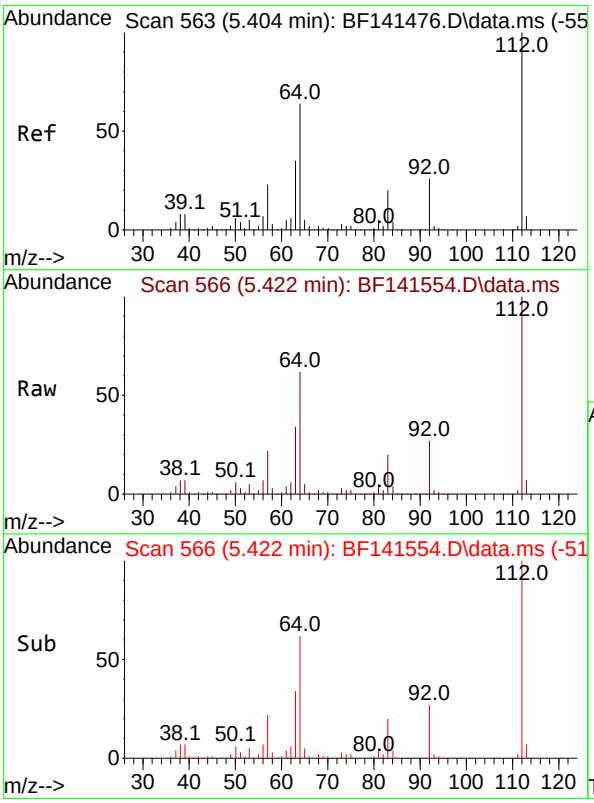


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion:152 Resp: 97044

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.0	187.4
115	63.9	53.6	80.4

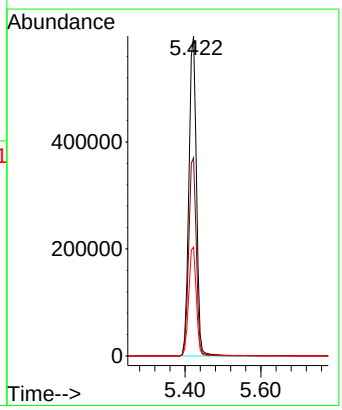




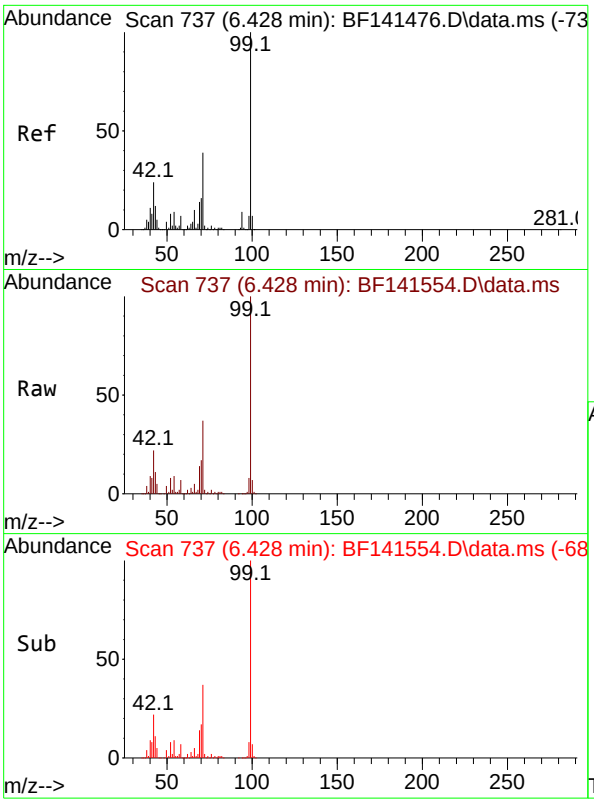
#5
2-Fluorophenol
Concen: 133.317 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion:112 Resp: 825237

Ion	Ratio	Lower	Upper
112	100		
64	61.9	51.1	76.7
63	34.0	28.4	42.6



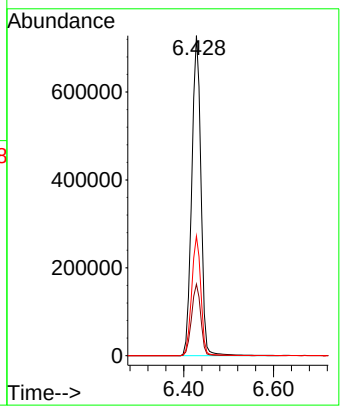
Instrument :
BNA_F
ClientSampleId :
PB166641BL

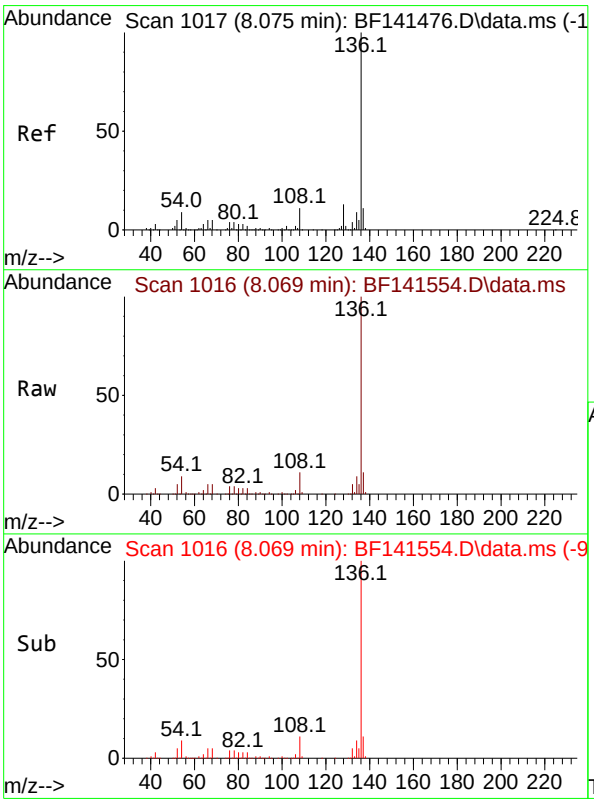


#7
Phenol-d6
Concen: 132.106 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion: 99 Resp: 1033560

Ion	Ratio	Lower	Upper
99	100		
42	22.4	19.1	28.7
71	37.3	31.1	46.7

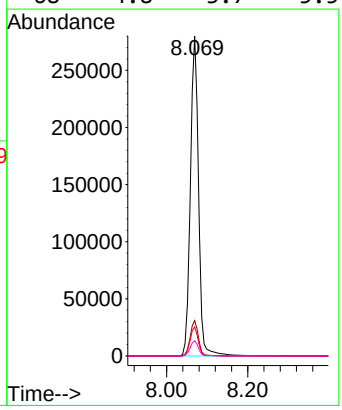




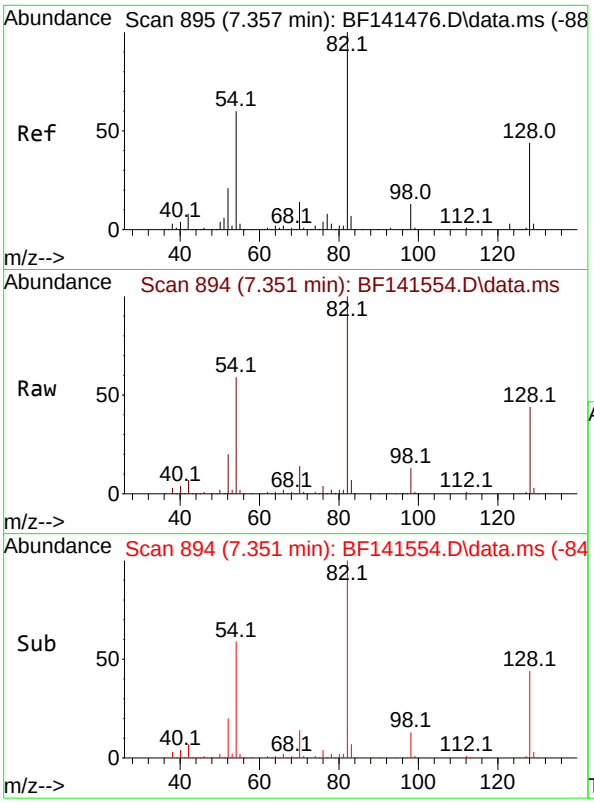
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion:136 Resp: 390720

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.0	7.2	10.8
68	4.8	3.7	5.5



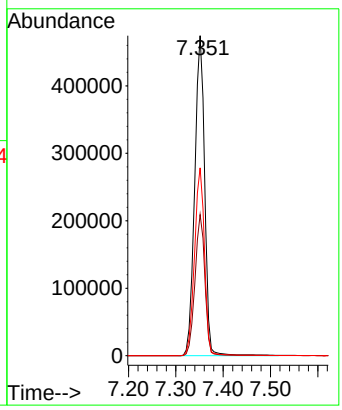
Instrument :
BNA_F
ClientSampleId :
PB166641BL

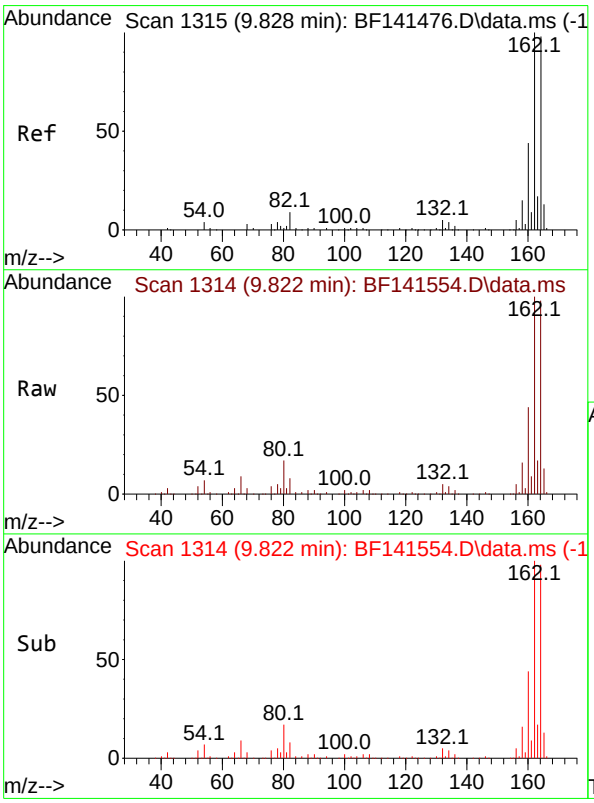


#23
Nitrobenzene-d5
Concen: 92.764 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion: 82 Resp: 694900

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.8	52.2
54	58.7	48.2	72.4

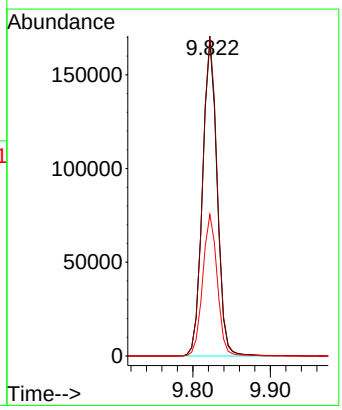




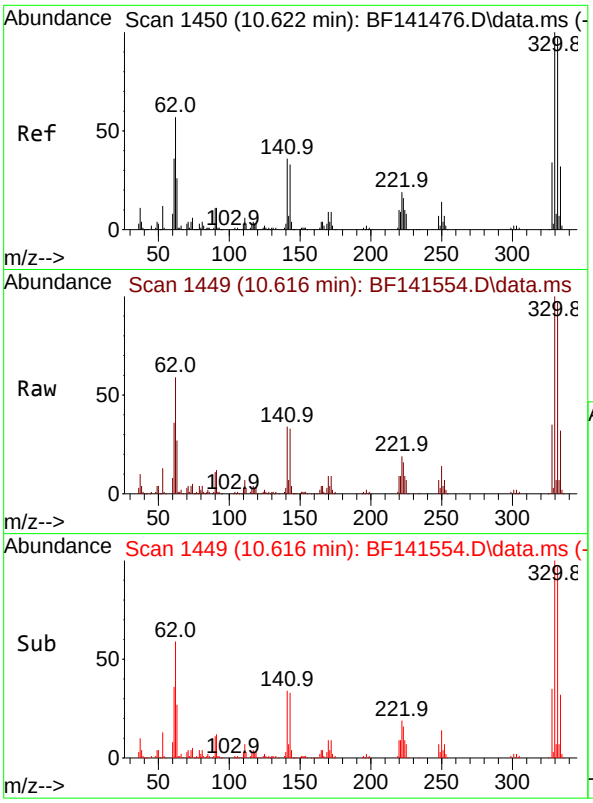
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion:164 Resp: 219692

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	45.0	35.9	53.9



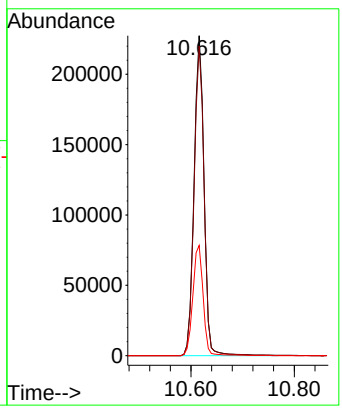
Instrument :
BNA_F
ClientSampleId :
PB166641BL

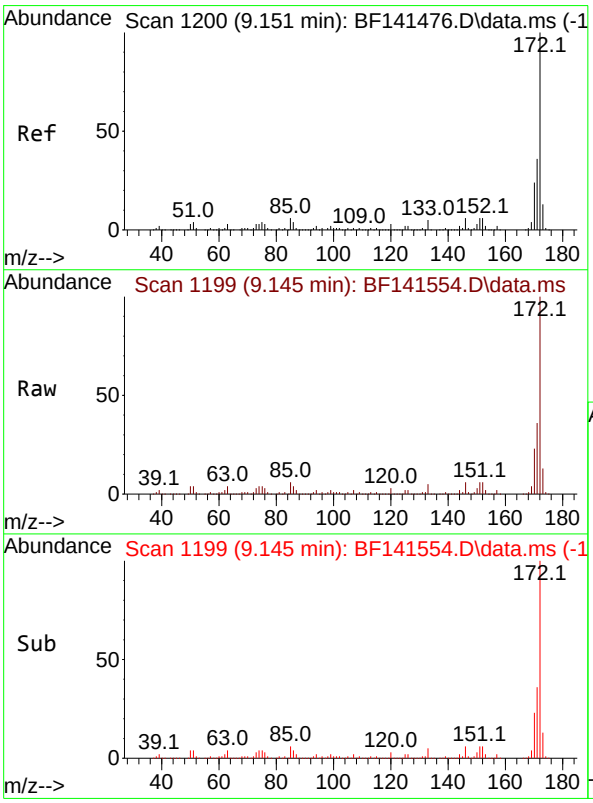


#42
2,4,6-Tribromophenol
Concen: 138.505 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion:330 Resp: 305667

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.5	117.7
141	35.6	31.0	46.4

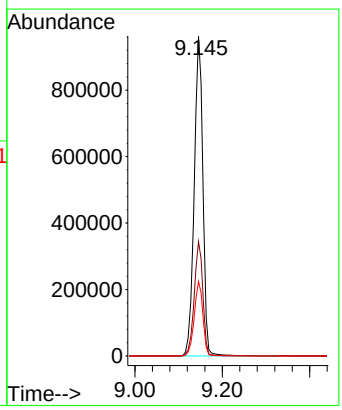




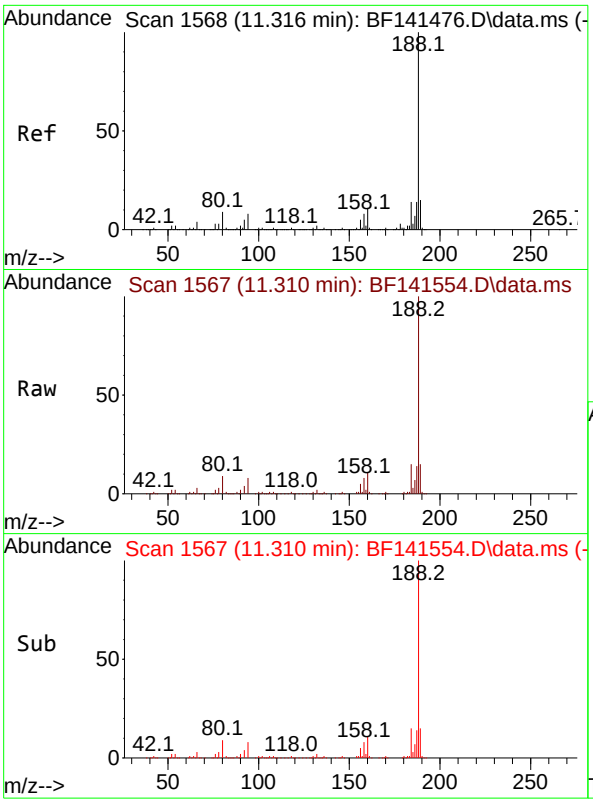
#45
2-Fluorobiphenyl
Concen: 93.193 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion:172 Resp: 1328906

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.7	43.1
170	23.3	18.9	28.3



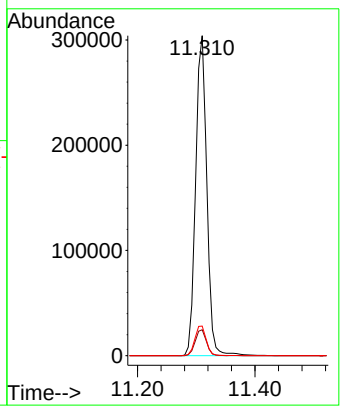
Instrument :
BNA_F
ClientSampleId :
PB166641BL

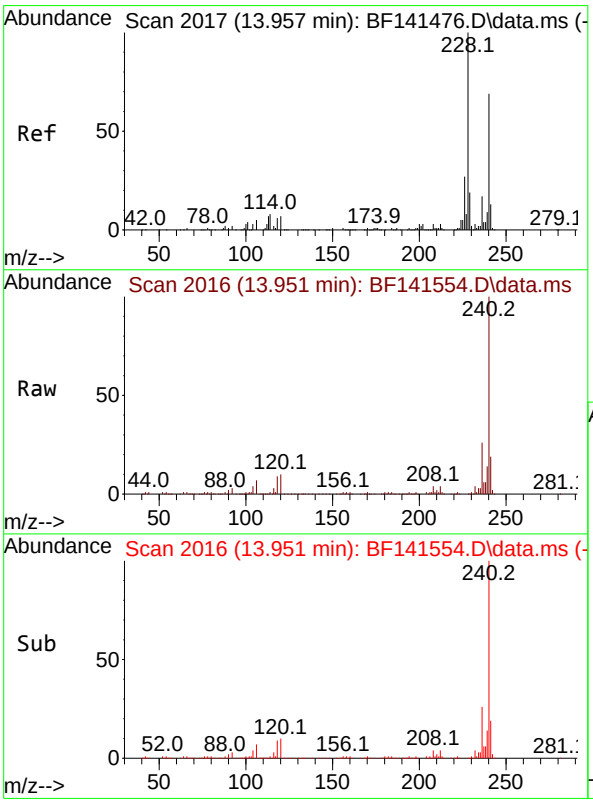


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion:188 Resp: 401003

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.6	10.0
80	9.3	7.3	10.9

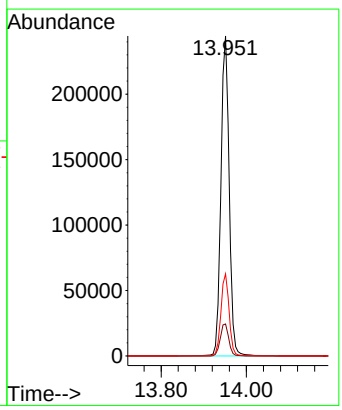




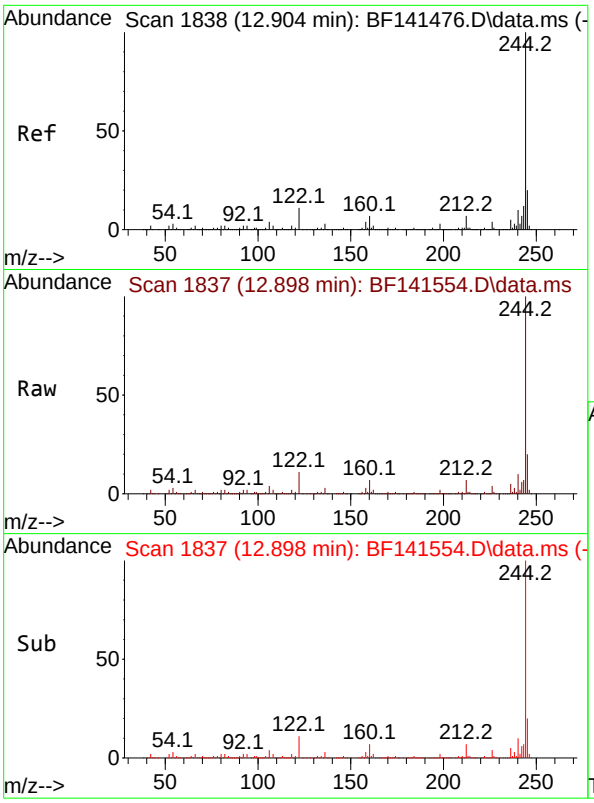
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion:240 Resp: 328820

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.0	12.0
236	25.6	19.8	29.8



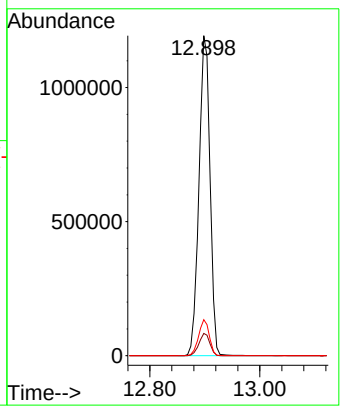
Instrument :
BNA_F
ClientSampleId :
PB166641BL

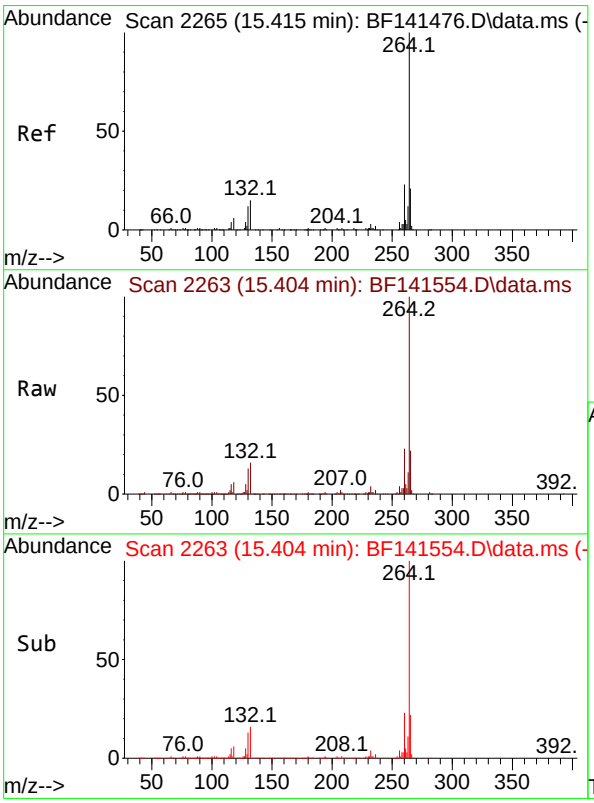


#79
Terphenyl-d14
Concen: 85.446 ng
RT: 12.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion:244 Resp: 1664298

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.3	8.4	12.6

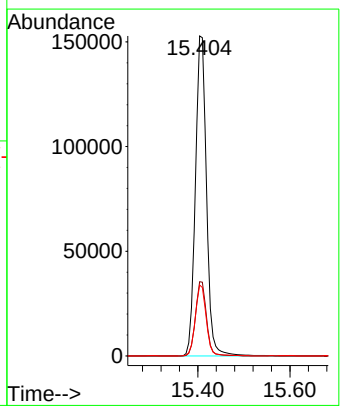




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion:264 Resp: 255232

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	22.2	17.0	25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141554.D
Acq On : 11 Feb 2025 11:47
Operator : RC/JU
Sample : PB166641BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166641BL

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_F\Methods\8270-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141554.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.422	560	566	586	rBV	2220701	3075514	69.42%	12.819%
2	6.428	731	737	760	rBV	2206014	3146449	71.02%	13.115%
3	6.787	793	798	809	rBV	478492	592300	13.37%	2.469%
4	7.351	887	894	908	rBV	1451066	2109993	47.63%	8.795%
5	8.069	1010	1016	1030	rBV	574342	792587	17.89%	3.304%
6	9.145	1192	1199	1204	rBV	2862094	3882071	87.62%	16.181%
7	9.822	1307	1314	1328	rBV	710581	924672	20.87%	3.854%
8	10.616	1442	1449	1470	rBV	1829895	2501103	56.45%	10.425%
9	11.310	1561	1567	1575	rBV	752347	982427	22.17%	4.095%
10	12.898	1831	1837	1842	rBV	3224857	4430401	100.00%	18.466%
11	13.951	2010	2016	2030	rVB	652710	870531	19.65%	3.628%
12	15.404	2257	2263	2276	rBV	414814	683632	15.43%	2.849%

Sum of corrected areas: 23991680

Sample Results: **BF141554.D**

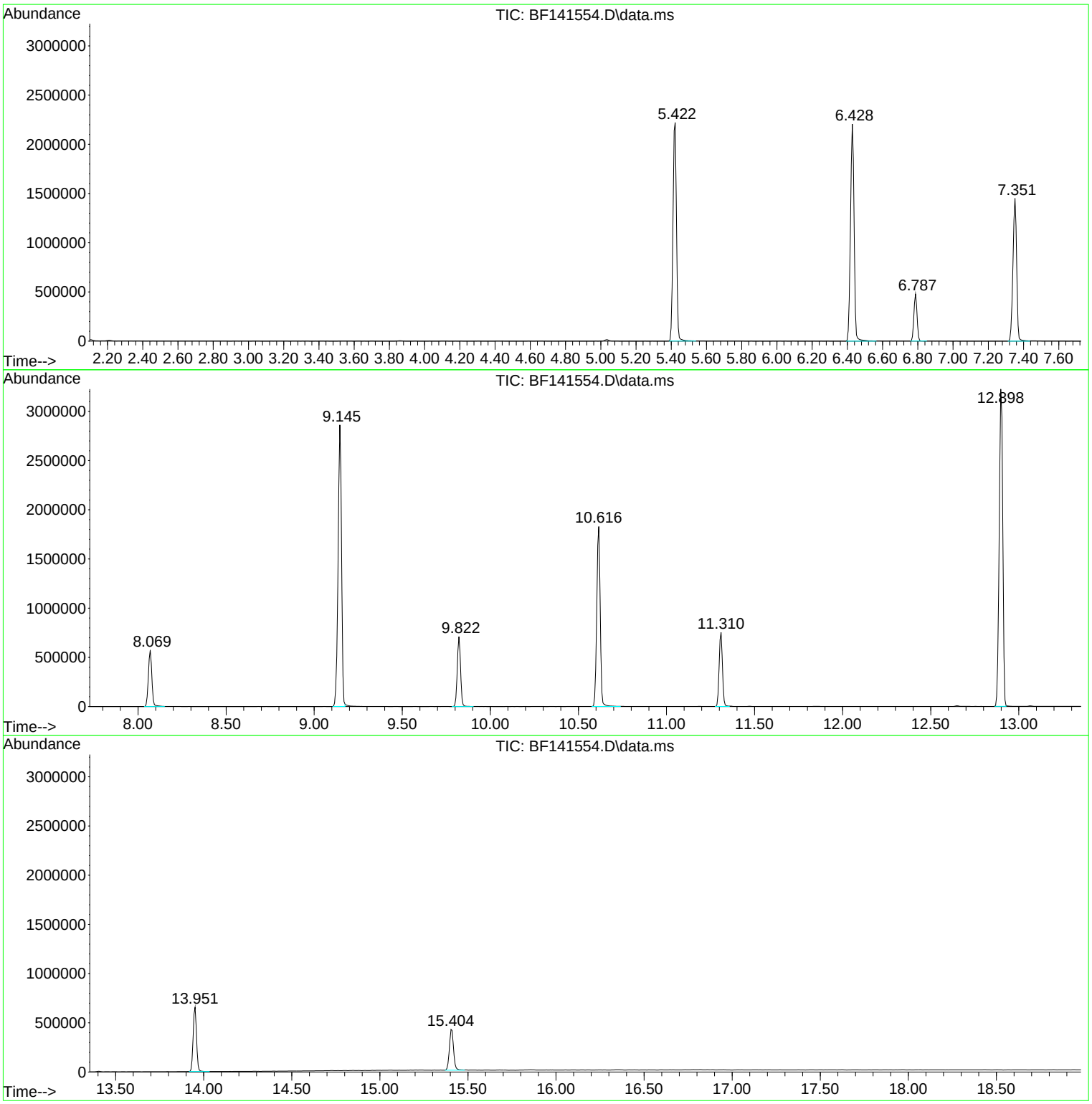
6

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141554.D
Acq On : 11 Feb 2025 11:47
Operator : RC/JU
Sample : PB166641BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166641BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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_F\Data\BF021125\
Data File : BF141554.D
Acq On : 11 Feb 2025 11:47
Operator : RC/JU
Sample : PB166641BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166641BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

No Library Search Compounds Detected
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141554.D
Acq On : 11 Feb 2025 11:47
Operator : RC/JU
Sample : PB166641BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166641BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141555.D
Acq On : 11 Feb 2025 12:13
Operator : RC/JU
Sample : PB166641BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 11 12:40:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166641BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	98554	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	391258	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	220324	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	382864	20.000	ng		0.00
76) Chrysene-d12	13.957	240	259250	20.000	ng		0.00
86) Perylene-d12	15.404	264	202543	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	791057	125.837	ng		0.01
7) Phenol-d6	6.434	99	993283	125.013	ng		0.00
23) Nitrobenzene-d5	7.357	82	662200	88.277	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	291680	131.788	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1266144	88.537	ng		0.00
79) Terphenyl-d14	12.898	244	1493792	97.272	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	100772	39.829	ng		99
3) Pyridine	3.316	79	242963	40.354	ng		98
4) n-Nitrosodimethylamine	3.269	42	162958	40.876	ng		98
6) Aniline	6.451	93	286812	38.482	ng		88
8) 2-Chlorophenol	6.575	128	294241	43.318	ng		98
9) Benzaldehyde	6.340	77	173724	41.145	ng		99
10) Phenol	6.445	94	348685	42.164	ng		96
11) bis(2-Chloroethyl)ether	6.528	93	264747	42.623	ng		100
12) 1,3-Dichlorobenzene	6.728	146	301623	42.061	ng		99
13) 1,4-Dichlorobenzene	6.804	146	310923	42.436	ng		99
14) 1,2-Dichlorobenzene	6.957	146	295105	43.397	ng		99
15) Benzyl Alcohol	6.934	79	258049	42.352	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	455151	42.806	ng		79
17) 2-Methylphenol	7.051	107	233550	43.936	ng		98
18) Hexachloroethane	7.298	117	117449	43.314	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	204888	43.110	ng		100
20) 3+4-Methylphenols	7.204	107	295706	43.773	ng		99
22) Acetophenone	7.198	105	449779	46.213	ng	#	98
24) Nitrobenzene	7.375	77	308363	42.156	ng		100
25) Isophorone	7.616	82	561611	46.955	ng		98
26) 2-Nitrophenol	7.686	139	160199	44.020	ng		97
27) 2,4-Dimethylphenol	7.728	122	234630	55.189	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	335627	43.791	ng		99
29) 2,4-Dichlorophenol	7.934	162	251335	43.754	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	264468	42.279	ng		100
31) Naphthalene	8.092	128	854031	41.933	ng		100
32) Benzoic acid	7.869	122	189911	43.005	ng		99
33) 4-Chloroaniline	8.145	127	170881	24.032	ng		97
34) Hexachlorobutadiene	8.210	225	165112	43.968	ng		99
35) Caprolactam	8.522	113	86733m	49.591	ng		
36) 4-Chloro-3-methylphenol	8.633	107	276514	43.457	ng		99
37) 2-Methylnaphthalene	8.786	142	549494	41.461	ng		99
38) 1-Methylnaphthalene	8.881	142	534725	41.658	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	296238	46.474	ng		99
41) Hexachlorocyclopentadiene	8.939	237	323436	152.555	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	180200	43.740	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141555.D
Acq On : 11 Feb 2025 12:13
Operator : RC/JU
Sample : PB166641BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 11 12:40:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166641BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	187190	41.925	ng	99
46) 1,1'-Biphenyl	9.251	154	798452	46.744	ng	100
47) 2-Chloronaphthalene	9.275	162	543735	43.047	ng	99
48) 2-Nitroaniline	9.375	65	183710	43.338	ng	98
49) Acenaphthylene	9.686	152	847399	45.105	ng	99
50) Dimethylphthalate	9.551	163	648306	43.344	ng	99
51) 2,6-Dinitrotoluene	9.616	165	143153	43.781	ng	99
52) Acenaphthene	9.863	154	531720	42.098	ng	99
53) 3-Nitroaniline	9.786	138	95888	27.247	ng	98
54) 2,4-Dinitrophenol	9.898	184	186814	96.132	ng	95
55) Dibenzofuran	10.033	168	762826	41.146	ng	100
56) 4-Nitrophenol	9.963	139	235458	90.129	ng	97
57) 2,4-Dinitrotoluene	10.022	165	195342	44.877	ng	99
58) Fluorene	10.375	166	617507	43.078	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	166933	43.427	ng	96
60) Diethylphthalate	10.251	149	630385	42.836	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	297608	43.155	ng	98
62) 4-Nitroaniline	10.404	138	148745	41.625	ng	98
63) Azobenzene	10.527	77	613471	41.933	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	118527	44.566	ng	94
66) n-Nitrosodiphenylamine	10.486	169	533140	43.501	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	185946	43.455	ng	97
68) Hexachlorobenzene	10.922	284	195967	44.475	ng	97
69) Atrazine	11.022	200	211913	57.636	ng	99
70) Pentachlorophenol	11.122	266	239236	84.913	ng	99
71) Phenanthrene	11.339	178	920349	43.670	ng	100
72) Anthracene	11.392	178	953911	45.027	ng	100
73) Carbazole	11.545	167	820868	43.062	ng	100
74) Di-n-butylphthalate	11.874	149	984268	44.718	ng	100
75) Fluoranthene	12.527	202	969771	43.403	ng	99
77) Benzidine	12.651	184	375352	65.649	ng	99
78) Pyrene	12.757	202	973088	44.093	ng	100
80) Butylbenzylphthalate	13.374	149	366834	47.989	ng	99
81) Benzo(a)anthracene	13.945	228	750425	43.545	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	144570	29.286	ng	100
83) Chrysene	13.980	228	679672	42.714	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	443280	51.416	ng	100
85) Di-n-octyl phthalate	14.551	149	598210	48.638	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	587411	46.937	ng	99
88) Benzo(b)fluoranthene	14.986	252	589857	43.373	ng	99
89) Benzo(k)fluoranthene	15.015	252	476256	41.011	ng	99
90) Benzo(a)pyrene	15.345	252	494581	44.944	ng	98
91) Dibenzo(a,h)anthracene	16.862	278	474734	46.815	ng	99
92) Benzo(g,h,i)perylene	17.286	276	462433	43.577	ng	99

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

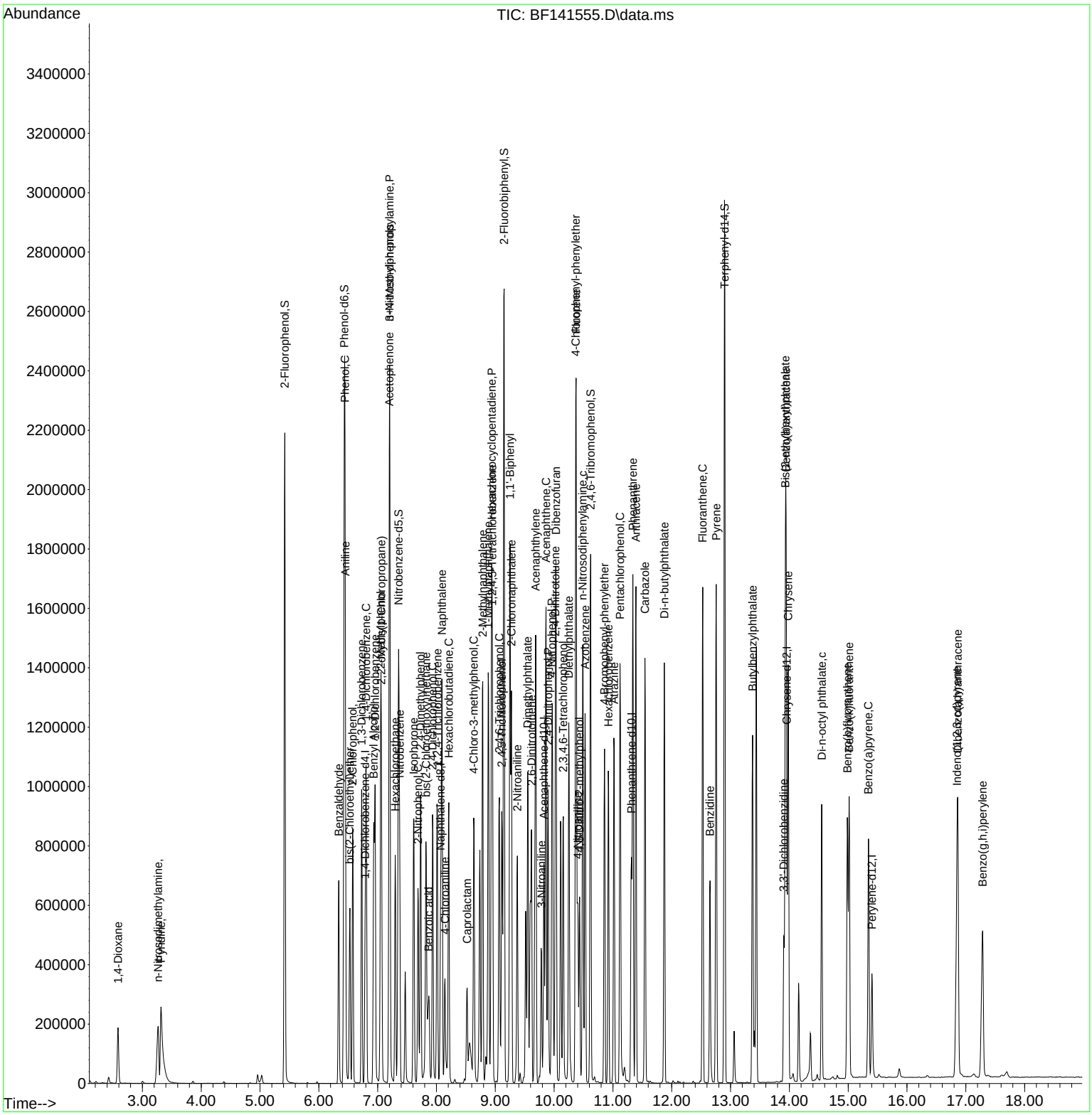
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141555.D
Acq On : 11 Feb 2025 12:13
Operator : RC/JU
Sample : PB166641BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 11 12:40:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166641BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141556.D
Acq On : 11 Feb 2025 12:39
Operator : RC/JU
Sample : PB166641BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 11 13:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166641BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	100463	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	407334	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	229450	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	402356	20.000	ng	0.00
76) Chrysene-d12	13.957	240	278936	20.000	ng	0.00
86) Perylene-d12	15.404	264	208701	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	821445	128.188	ng	0.01
7) Phenol-d6	6.434	99	1011374	124.871	ng	0.00
23) Nitrobenzene-d5	7.357	82	685715	87.804	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	298733	129.606	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1289102	86.557	ng	0.00
79) Terphenyl-d14	12.898	244	1540131	93.212	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	102326	39.675	ng	99
3) Pyridine	3.322	79	245704	40.034	ng	100
4) n-Nitrosodimethylamine	3.269	42	167177	41.138	ng	99
6) Aniline	6.451	93	290205	38.197	ng	88
8) 2-Chlorophenol	6.575	128	302453	43.680	ng	98
9) Benzaldehyde	6.340	77	177613	41.267	ng	100
10) Phenol	6.446	94	352597	41.827	ng	95
11) bis(2-Chloroethyl)ether	6.528	93	269427	42.552	ng	100
12) 1,3-Dichlorobenzene	6.728	146	308744	42.235	ng	98
13) 1,4-Dichlorobenzene	6.804	146	315260	42.210	ng	99
14) 1,2-Dichlorobenzene	6.957	146	301224	43.455	ng	99
15) Benzyl Alcohol	6.934	79	266752	42.948	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	458126	42.267	ng	77
17) 2-Methylphenol	7.051	107	238201	43.960	ng	98
18) Hexachloroethane	7.298	117	120574	43.621	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	210028	43.352	ng	99
20) 3+4-Methylphenols	7.204	107	301022	43.713	ng	99
22) Acetophenone	7.198	105	460937	45.490	ng	98
24) Nitrobenzene	7.375	77	315513	41.431	ng	100
25) Isophorone	7.610	82	569556	45.740	ng	99
26) 2-Nitrophenol	7.687	139	162437	42.873	ng	98
27) 2,4-Dimethylphenol	7.728	122	245419	55.448	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	346682	43.449	ng	100
29) 2,4-Dichlorophenol	7.934	162	255327	42.695	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	269993	41.459	ng	99
31) Naphthalene	8.092	128	863361	40.718	ng	100
32) Benzoic acid	7.875	122	196214	42.679	ng	98
33) 4-Chloroaniline	8.145	127	169079	22.840	ng	99
34) Hexachlorobutadiene	8.210	225	168186	43.019	ng	99
35) Caprolactam	8.522	113	88969m	48.862	ng	
36) 4-Chloro-3-methylphenol	8.634	107	284863	43.002	ng	100
37) 2-Methylnaphthalene	8.787	142	558396	40.470	ng	99
38) 1-Methylnaphthalene	8.881	142	547773	40.990	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	304990	45.944	ng	99
41) Hexachlorocyclopentadiene	8.934	237	334036	151.288	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	179321	41.796	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141556.D
Acq On : 11 Feb 2025 12:39
Operator : RC/JU
Sample : PB166641BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 11 13:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166641BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	192991	41.505	ng	97
46) 1,1'-Biphenyl	9.251	154	806153	45.318	ng	99
47) 2-Chloronaphthalene	9.275	162	545427	41.464	ng	99
48) 2-Nitroaniline	9.375	65	185673	42.059	ng	97
49) Acenaphthylene	9.687	152	858311	43.868	ng	99
50) Dimethylphthalate	9.551	163	667368	42.844	ng	99
51) 2,6-Dinitrotoluene	9.616	165	149321	43.851	ng	98
52) Acenaphthene	9.863	154	536537	40.790	ng	98
53) 3-Nitroaniline	9.787	138	97765	26.675	ng	99
54) 2,4-Dinitrophenol	9.898	184	192838	95.285	ng	95
55) Dibenzofuran	10.034	168	783601	40.586	ng	100
56) 4-Nitrophenol	9.963	139	237073	87.138	ng	97
57) 2,4-Dinitrotoluene	10.022	165	199748	44.064	ng	99
58) Fluorene	10.375	166	617701	41.378	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	168756	42.155	ng	97
60) Diethylphthalate	10.251	149	647157	42.227	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	303921	42.318	ng	98
62) 4-Nitroaniline	10.404	138	152488	40.975	ng	98
63) Azobenzene	10.528	77	627963	41.216	ng	98
65) 4,6-Dinitro-2-methylph...	10.434	198	117806	42.149	ng	97
66) n-Nitrosodiphenylamine	10.486	169	548317	42.572	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	188791	41.983	ng	96
68) Hexachlorobenzene	10.922	284	202425	43.715	ng	98
69) Atrazine	11.016	200	214852	55.604	ng	99
70) Pentachlorophenol	11.122	266	238002	80.383	ng	98
71) Phenanthrene	11.339	178	927461	41.876	ng	100
72) Anthracene	11.392	178	958029	43.030	ng	100
73) Carbazole	11.545	167	837723	41.817	ng	100
74) Di-n-butylphthalate	11.875	149	1018839	44.046	ng	100
75) Fluoranthene	12.528	202	980670	41.764	ng	100
77) Benzidine	12.651	184	395565	64.301	ng	100
78) Pyrene	12.757	202	999960	42.112	ng	99
80) Butylbenzylphthalate	13.374	149	391651	47.620	ng	98
81) Benzo(a)anthracene	13.945	228	784289	42.298	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	154605	29.108	ng	99
83) Chrysene	13.980	228	716168	41.831	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	473513	51.047	ng	100
85) Di-n-octyl phthalate	14.551	149	637398	48.167	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	595023	46.142	ng	99
88) Benzo(b)fluoranthene	14.986	252	595185	42.473	ng	99
89) Benzo(k)fluoranthene	15.016	252	507697	42.428	ng	99
90) Benzo(a)pyrene	15.345	252	509675	44.949	ng	98
91) Dibenzo(a,h)anthracene	16.868	278	481981	46.127	ng	99
92) Benzo(g,h,i)perylene	17.286	276	463543	42.393	ng	99

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

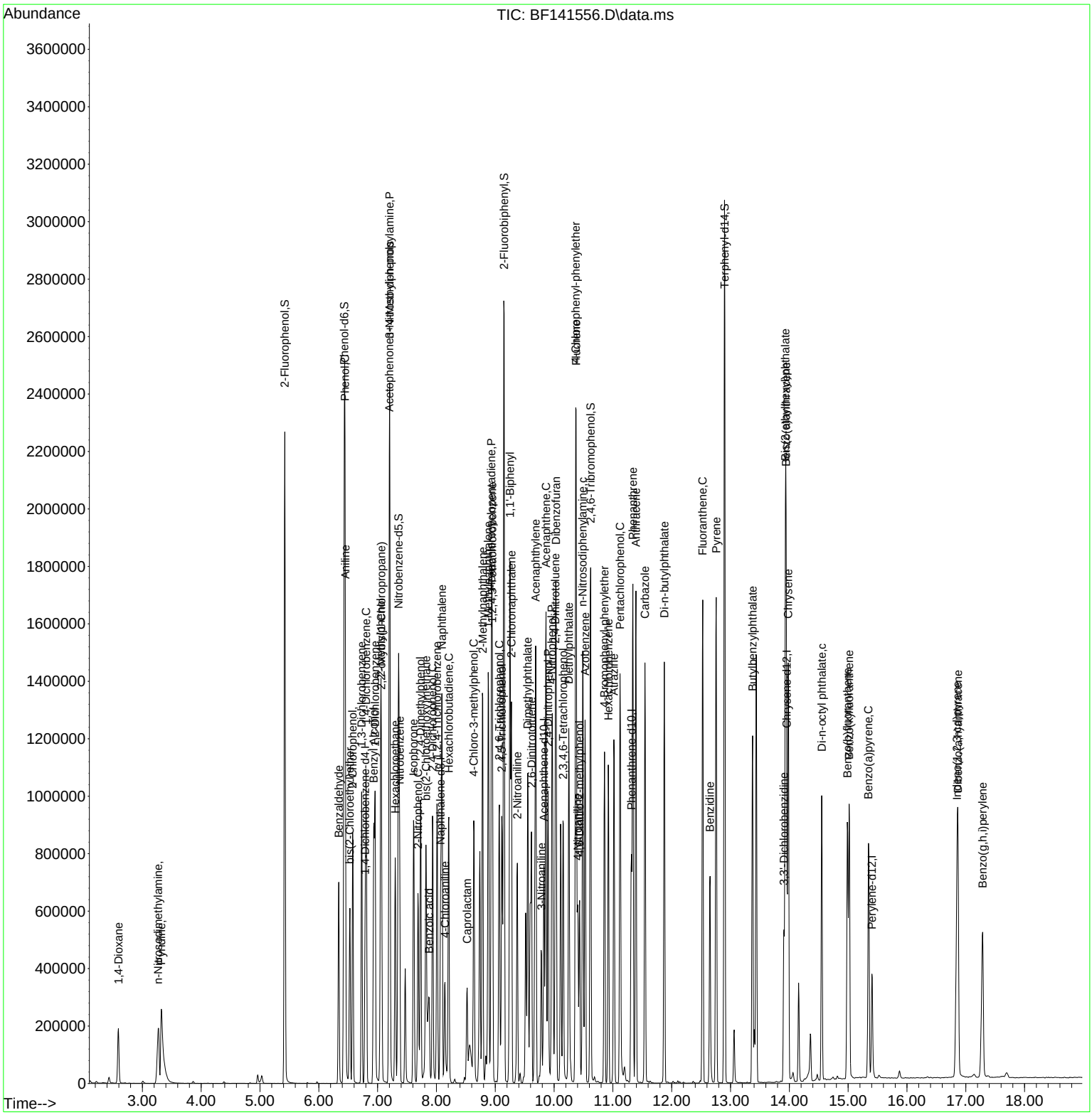
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141556.D
Acq On : 11 Feb 2025 12:39
Operator : RC/JU
Sample : PB166641BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 11 13:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166641BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



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

Manual Integration Report

Sequence:	bf020625	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF141474.D	Acenaphthene	Jagrut	2/7/2025 3:49:22 PM	mohammad	2/7/2025 10:09:12 PM	Peak Integrated by Software
SSTDICC020	BF141475.D	Acenaphthene	Jagrut	2/7/2025 3:49:24 PM	mohammad	2/7/2025 10:09:12 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BF021125	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB166641BS	BF141555.D	Caprolactam	Jagrut	2/11/2025 6:23:35 PM	mohammad	2/12/2025 7:26:53 AM	Peak Integrated by Software
PB166641BSD	BF141556.D	Caprolactam	Jagrut	2/11/2025 6:23:38 PM	mohammad	2/12/2025 7:26:53 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf021325	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1331-01	BF141623.D	Chrysene	yogesh	2/15/2025 4:25:29 AM	mohammad	2/15/2025 4:46:40 AM	Peak Integrated by Software
Q1331-01	BF141623.D	Pyrene	yogesh	2/15/2025 4:25:29 AM	mohammad	2/15/2025 4:46:40 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf021425	Instrument	BNA_f

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

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF020625

Review By	Jagrut	Review On	2/7/2025 3:49:55 PM				
Supervise By	mohammad	Supervise On	2/7/2025 10:09:12 PM				
SubDirectory	BF020625	HP Acquire Method	BNA_F		HP Processing Method	bf020625	

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12650,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141471.D	06 Feb 2025 10:41	RC/JU	Ok
2	SSTDICC2.5	BF141472.D	06 Feb 2025 11:07	RC/JU	Ok
3	SSTDICC005	BF141473.D	06 Feb 2025 11:34	RC/JU	Ok
4	SSTDICC010	BF141474.D	06 Feb 2025 12:00	RC/JU	Ok,M
5	SSTDICC020	BF141475.D	06 Feb 2025 12:26	RC/JU	Ok,M
6	SSTDICCC040	BF141476.D	06 Feb 2025 12:55	RC/JU	Ok
7	SSTDICC050	BF141477.D	06 Feb 2025 13:21	RC/JU	Ok
8	SSTDICC060	BF141478.D	06 Feb 2025 13:47	RC/JU	Ok
9	SSTDICC080	BF141479.D	06 Feb 2025 14:14	RC/JU	Ok
10	SSTDICV040	BF141480.D	06 Feb 2025 15:03	RC/JU	Ok
11	PB166563BL	BF141481.D	06 Feb 2025 15:43	RC/JU	Ok
12	PB166468BS	BF141482.D	06 Feb 2025 16:09	RC/JU	Ok,M
13	PB166468BSD	BF141483.D	06 Feb 2025 16:36	RC/JU	Ok,M
14	PB166468BL	BF141484.D	06 Feb 2025 17:02	RC/JU	Ok
15	Q1214-01RE	BF141485.D	06 Feb 2025 17:34	RC/JU	Confirms
16	Q1309-01	BF141486.D	06 Feb 2025 18:00	RC/JU	Ok
17	Q1309-05	BF141487.D	06 Feb 2025 18:27	RC/JU	Ok
18	Q1309-09	BF141488.D	06 Feb 2025 18:53	RC/JU	Ok
19	Q1309-13	BF141489.D	06 Feb 2025 19:19	RC/JU	Ok
20	Q1309-13MS	BF141490.D	06 Feb 2025 19:45	RC/JU	Ok,M
21	Q1309-13MSD	BF141491.D	06 Feb 2025 20:11	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF020625

Review By	Jagrut	Review On	2/7/2025 3:49:55 PM		
Supervise By	mohammad	Supervise On	2/7/2025 10:09:12 PM		
SubDirectory	BF020625	HP Acquire Method	BNA_F	HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12650,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1309-17	BF141492.D	06 Feb 2025 20:37	RC/JU	Ok
23	Q1309-21	BF141493.D	06 Feb 2025 21:03	RC/JU	Ok
24	Q1216-04	BF141494.D	06 Feb 2025 21:30	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF021125

Review By	yogesh	Review On	2/12/2025 6:52:02 AM		
Supervise By	mohammad	Supervise On	2/12/2025 7:26:53 AM		
SubDirectory	BF021125	HP Acquire Method	BNA_F	HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12651,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141550.D	11 Feb 2025 10:02	RC/JU	Ok
2	SSTDCCC040	BF141551.D	11 Feb 2025 10:28	RC/JU	Ok
3	PB166640BL	BF141552.D	11 Feb 2025 10:55	RC/JU	Ok
4	PB166640BS	BF141553.D	11 Feb 2025 11:21	RC/JU	Ok,M
5	PB166641BL	BF141554.D	11 Feb 2025 11:47	RC/JU	Ok
6	PB166641BS	BF141555.D	11 Feb 2025 12:13	RC/JU	Ok,M
7	PB166641BSD	BF141556.D	11 Feb 2025 12:39	RC/JU	Ok,M
8	PB166591TB	BF141557.D	11 Feb 2025 13:05	RC/JU	Ok
9	PB166610BS	BF141558.D	11 Feb 2025 13:32	RC/JU	Ok,M
10	Q1309-20	BF141559.D	11 Feb 2025 14:04	RC/JU	Ok
11	Q1309-24	BF141560.D	11 Feb 2025 14:30	RC/JU	ReRun
12	Q1309-08	BF141561.D	11 Feb 2025 14:56	RC/JU	Ok
13	Q1309-16	BF141562.D	11 Feb 2025 15:23	RC/JU	Ok
14	Q1309-12	BF141563.D	11 Feb 2025 15:49	RC/JU	Ok
15	Q1343-17	BF141564.D	11 Feb 2025 16:15	RC/JU	Ok
16	Q1340-01	BF141565.D	11 Feb 2025 16:42	RC/JU	Ok
17	Q1343-01	BF141566.D	11 Feb 2025 17:08	RC/JU	Ok,M
18	Q1206-03DL	BF141567.D	11 Feb 2025 17:35	RC/JU	Ok,M
19	Q1285-01DL	BF141568.D	11 Feb 2025 18:01	RC/JU	Ok,M
20	Q1346-01	BF141569.D	11 Feb 2025 18:27	RC/JU	Ok,M
21	Q1346-01MS	BF141570.D	11 Feb 2025 18:53	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF021125

Review By	yogesh	Review On	2/12/2025 6:52:02 AM		
Supervise By	mohammad	Supervise On	2/12/2025 7:26:53 AM		
SubDirectory	BF021125	HP Acquire Method	BNA_F	HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12651,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1346-01MSD	BF141571.D	11 Feb 2025 19:19	RC/JU	Ok,M
23	Q1215-03	BF141572.D	11 Feb 2025 19:45	RC/JU	Ok,M
24	Q1215-03MS	BF141573.D	11 Feb 2025 20:11	RC/JU	Ok,M
25	Q1215-03MSD	BF141574.D	11 Feb 2025 20:38	RC/JU	Ok,M
26	Q1345-01	BF141575.D	11 Feb 2025 21:04	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF021325

Review By	yogesh	Review On	2/15/2025 4:25:45 AM		
Supervise By	mohammad	Supervise On	2/15/2025 4:46:40 AM		
SubDirectory	BF021325	HP Acquire Method	BNA_F	HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12651,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141602.D	13 Feb 2025 09:10	RC/JU	Ok
2	SSTDCCC040	BF141603.D	13 Feb 2025 10:07	RC/JU	Ok
3	PB166698BL	BF141604.D	13 Feb 2025 10:33	RC/JU	Ok
4	PB166698BS	BF141605.D	13 Feb 2025 11:00	RC/JU	Ok,M
5	Q1343-16RE	BF141606.D	13 Feb 2025 11:32	RC/JU	Confirms
6	Q1343-20RE	BF141607.D	13 Feb 2025 11:58	RC/JU	Confirms
7	Q1237-03	BF141608.D	13 Feb 2025 12:24	RC/JU	Ok
8	Q1343-13	BF141609.D	13 Feb 2025 12:51	RC/JU	Ok
9	Q1343-13MS	BF141610.D	13 Feb 2025 13:17	RC/JU	Ok,M
10	Q1343-13MSD	BF141611.D	13 Feb 2025 13:44	RC/JU	Ok,M
11	Q1353-02	BF141612.D	13 Feb 2025 14:10	RC/JU	Ok
12	Q1356-01	BF141613.D	13 Feb 2025 14:37	RC/JU	Ok
13	Q1356-03	BF141614.D	13 Feb 2025 15:03	RC/JU	Ok
14	Q1356-05	BF141615.D	13 Feb 2025 15:30	RC/JU	ReRun
15	Q1356-06	BF141616.D	13 Feb 2025 15:56	RC/JU	Ok
16	Q1356-07	BF141617.D	13 Feb 2025 16:22	RC/JU	Ok
17	Q1356-08	BF141618.D	13 Feb 2025 16:49	RC/JU	ReRun
18	Q1356-09	BF141619.D	13 Feb 2025 17:15	RC/JU	Ok
19	Q1353-01	BF141620.D	13 Feb 2025 17:42	RC/JU	Ok,M
20	Q1353-01MS	BF141621.D	13 Feb 2025 18:08	RC/JU	Ok,M
21	Q1353-01MSD	BF141622.D	13 Feb 2025 18:34	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF021325

Review By	yogesh	Review On	2/15/2025 4:25:45 AM		
Supervise By	mohammad	Supervise On	2/15/2025 4:46:40 AM		
SubDirectory	BF021325	HP Acquire Method	BNA_F	HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12651,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1331-01	BF141623.D	13 Feb 2025 19:01	RC/JU	Dilution
23	Q1365-03	BF141624.D	13 Feb 2025 19:27	RC/JU	Ok
24	Q1365-05	BF141625.D	13 Feb 2025 19:53	RC/JU	Ok,M
25	Q1354-01	BF141626.D	13 Feb 2025 20:20	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF021425

Review By	yogesh	Review On	2/15/2025 4:28:05 AM		
Supervise By	Jagrut	Supervise On	2/19/2025 4:55:08 PM		
SubDirectory	BF021425	HP Acquire Method	BNA_F	HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12651,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141627.D	14 Feb 2025 09:19	RC/JU	Ok
2	SSTDCCC040	BF141628.D	14 Feb 2025 09:45	RC/JU	Ok
3	PB166711BL	BF141629.D	14 Feb 2025 10:29	RC/JU	Ok
4	PB166711BS	BF141630.D	14 Feb 2025 10:55	RC/JU	Ok,M
5	PB166700TB	BF141631.D	14 Feb 2025 11:21	RC/JU	Ok
6	PB166702TB	BF141632.D	14 Feb 2025 11:48	RC/JU	Ok
7	Q1352-02	BF141633.D	14 Feb 2025 12:18	RC/JU	Ok
8	Q1356-04	BF141634.D	14 Feb 2025 12:44	RC/JU	Ok
9	Q1356-04MS	BF141635.D	14 Feb 2025 13:11	RC/JU	Ok,M
10	Q1356-04MSD	BF141636.D	14 Feb 2025 13:37	RC/JU	Ok,M
11	SSTDCCC040	BF141637.D	14 Feb 2025 14:12	RC/JU	Ok
12	DFTPP	BF141638.D	14 Feb 2025 14:38	RC/JU	Ok
13	SSTDCCC040	BF141639.D	14 Feb 2025 15:04	RC/JU	Ok
14	PB166719BL	BF141640.D	14 Feb 2025 15:30	RC/JU	Ok
15	PB166719BS	BF141641.D	14 Feb 2025 15:56	RC/JU	Ok,M
16	Q1356-05RE	BF141642.D	14 Feb 2025 16:30	RC/JU	Confirms
17	Q1356-08RE	BF141643.D	14 Feb 2025 16:56	RC/JU	Confirms
18	Q1365-01	BF141644.D	14 Feb 2025 17:22	RC/JU	Ok
19	Q1365-08	BF141645.D	14 Feb 2025 17:49	RC/JU	Ok
20	Q1365-04	BF141646.D	14 Feb 2025 18:15	RC/JU	Ok,M
21	Q1365-02	BF141647.D	14 Feb 2025 18:41	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF021425

Review By	yogesh	Review On	2/15/2025 4:28:05 AM		
Supervise By	Jagrut	Supervise On	2/19/2025 4:55:08 PM		
SubDirectory	BF021425	HP Acquire Method	BNA_F	HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12651,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1331-01DL	BF141648.D	14 Feb 2025 19:08	RC/JU	Ok
23	Q1365-06	BF141649.D	14 Feb 2025 19:34	RC/JU	Ok,M
24	Q1365-06MS	BF141650.D	14 Feb 2025 20:00	RC/JU	Ok,M
25	Q1365-06MSD	BF141651.D	14 Feb 2025 20:26	RC/JU	Ok,M
26	Q1365-07	BF141652.D	14 Feb 2025 20:52	RC/JU	Ok,M
27	Q1366-01	BF141653.D	14 Feb 2025 21:19	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF020625

Review By	Jagrut	Review On	2/7/2025 3:49:55 PM		
Supervise By	mohammad	Supervise On	2/7/2025 10:09:12 PM		
SubDirectory	BF020625	HP Acquire Method	BNA_F	HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12650,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF141471.D	06 Feb 2025 10:41		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF141472.D	06 Feb 2025 11:07		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF141473.D	06 Feb 2025 11:34	Compound #32,41,54 and #65 removed from 5PPM	RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF141474.D	06 Feb 2025 12:00		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF141475.D	06 Feb 2025 12:26		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF141476.D	06 Feb 2025 12:55	The Calibration is Good For 8270 DOD and good for 625.1 Method	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF141477.D	06 Feb 2025 13:21		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF141478.D	06 Feb 2025 13:47		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF141479.D	06 Feb 2025 14:14	Compound #9 removed from 80ppm	RC/JU	Ok
10	SSTDICV040	ICVBF020625	BF141480.D	06 Feb 2025 15:03		RC/JU	Ok
11	PB166563BL	PB166563BL	BF141481.D	06 Feb 2025 15:43		RC/JU	Ok
12	PB166468BS	PB166468BS	BF141482.D	06 Feb 2025 16:09		RC/JU	Ok,M
13	PB166468BSD	PB166468BSD	BF141483.D	06 Feb 2025 16:36		RC/JU	Ok,M
14	PB166468BL	PB166468BL	BF141484.D	06 Feb 2025 17:02		RC/JU	Ok
15	Q1214-01RE	PARAMUS-CONDENS/	BF141485.D	06 Feb 2025 17:34	Surrogate Fail	RC/JU	Confirms
16	Q1309-01	WC-2	BF141486.D	06 Feb 2025 18:00		RC/JU	Ok
17	Q1309-05	WC-3	BF141487.D	06 Feb 2025 18:27		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF020625

Review By	Jagrut	Review On	2/7/2025 3:49:55 PM		
Supervise By	mohammad	Supervise On	2/7/2025 10:09:12 PM		
SubDirectory	BF020625	HP Acquire Method	BNA_F	HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12650,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q1309-09	WC-4	BF141488.D	06 Feb 2025 18:53		RC/JU	Ok
19	Q1309-13	WC-5	BF141489.D	06 Feb 2025 19:19		RC/JU	Ok
20	Q1309-13MS	WC-5MS	BF141490.D	06 Feb 2025 19:45		RC/JU	Ok,M
21	Q1309-13MSD	WC-5MSD	BF141491.D	06 Feb 2025 20:11		RC/JU	Ok,M
22	Q1309-17	WC-6	BF141492.D	06 Feb 2025 20:37		RC/JU	Ok
23	Q1309-21	WC-8	BF141493.D	06 Feb 2025 21:03		RC/JU	Ok
24	Q1216-04	JPP-18.1-012825	BF141494.D	06 Feb 2025 21:30		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF021125

Review By	yogesh	Review On	2/12/2025 6:52:02 AM		
Supervise By	mohammad	Supervise On	2/12/2025 7:26:53 AM		
SubDirectory	BF021125	HP Acquire Method	BNA_F	HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12651,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF141550.D	11 Feb 2025 10:02		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF141551.D	11 Feb 2025 10:28		RC/JU	Ok
3	PB166640BL	PB166640BL	BF141552.D	11 Feb 2025 10:55		RC/JU	Ok
4	PB166640BS	PB166640BS	BF141553.D	11 Feb 2025 11:21		RC/JU	Ok,M
5	PB166641BL	PB166641BL	BF141554.D	11 Feb 2025 11:47		RC/JU	Ok
6	PB166641BS	PB166641BS	BF141555.D	11 Feb 2025 12:13		RC/JU	Ok,M
7	PB166641BSD	PB166641BSD	BF141556.D	11 Feb 2025 12:39		RC/JU	Ok,M
8	PB166591TB	PB166591TB	BF141557.D	11 Feb 2025 13:05		RC/JU	Ok
9	PB166610BS	PB166610BS	BF141558.D	11 Feb 2025 13:32		RC/JU	Ok,M
10	Q1309-20	WC-6	BF141559.D	11 Feb 2025 14:04		RC/JU	Ok
11	Q1309-24	WC-8	BF141560.D	11 Feb 2025 14:30	Internal Standard and surrogate fail	RC/JU	ReRun
12	Q1309-08	WC-3	BF141561.D	11 Feb 2025 14:56		RC/JU	Ok
13	Q1309-16	WC-5	BF141562.D	11 Feb 2025 15:23		RC/JU	Ok
14	Q1309-12	WC-4	BF141563.D	11 Feb 2025 15:49		RC/JU	Ok
15	Q1343-17	WC-14	BF141564.D	11 Feb 2025 16:15		RC/JU	Ok
16	Q1340-01	RV-SOIL	BF141565.D	11 Feb 2025 16:42		RC/JU	Ok
17	Q1343-01	WC-9	BF141566.D	11 Feb 2025 17:08		RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF021125

Review By	yogesh	Review On	2/12/2025 6:52:02 AM		
Supervise By	mohammad	Supervise On	2/12/2025 7:26:53 AM		
SubDirectory	BF021125	HP Acquire Method	BNA_F	HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12651,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q1206-03DL	JPP-20.1-012725DL	BF141567.D	11 Feb 2025 17:35		RC/JU	Ok,M
19	Q1285-01DL	72-11977DL	BF141568.D	11 Feb 2025 18:01		RC/JU	Ok,M
20	Q1346-01	SOIL-COMP	BF141569.D	11 Feb 2025 18:27		RC/JU	Ok,M
21	Q1346-01MS	SOIL-COMPMS	BF141570.D	11 Feb 2025 18:53		RC/JU	Ok,M
22	Q1346-01MSD	SOIL-COMPMSD	BF141571.D	11 Feb 2025 19:19		RC/JU	Ok,M
23	Q1215-03	JPP-29.1-012825	BF141572.D	11 Feb 2025 19:45		RC/JU	Ok,M
24	Q1215-03MS	JPP-29.1-012825MS	BF141573.D	11 Feb 2025 20:11		RC/JU	Ok,M
25	Q1215-03MSD	JPP-29.1-012825MSD	BF141574.D	11 Feb 2025 20:38		RC/JU	Ok,M
26	Q1345-01	EO-01-021025	BF141575.D	11 Feb 2025 21:04		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF021325

Review By	yogesh	Review On	2/15/2025 4:25:45 AM		
Supervise By	mohammad	Supervise On	2/15/2025 4:46:40 AM		
SubDirectory	BF021325	HP Acquire Method	BNA_F	HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12651,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF141602.D	13 Feb 2025 09:10		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF141603.D	13 Feb 2025 10:07		RC/JU	Ok
3	PB166698BL	PB166698BL	BF141604.D	13 Feb 2025 10:33		RC/JU	Ok
4	PB166698BS	PB166698BS	BF141605.D	13 Feb 2025 11:00		RC/JU	Ok,M
5	Q1343-16RE	WC-13RE	BF141606.D	13 Feb 2025 11:32	Internal Standard and Surrogate Fail	RC/JU	Confirms
6	Q1343-20RE	WC-14RE	BF141607.D	13 Feb 2025 11:58	Internal Standard and Surrogate Fail	RC/JU	Confirms
7	Q1237-03	HL2PX3	BF141608.D	13 Feb 2025 12:24		RC/JU	Ok
8	Q1343-13	WC-13	BF141609.D	13 Feb 2025 12:51		RC/JU	Ok
9	Q1343-13MS	WC-13MS	BF141610.D	13 Feb 2025 13:17		RC/JU	Ok,M
10	Q1343-13MSD	WC-13MSD	BF141611.D	13 Feb 2025 13:44		RC/JU	Ok,M
11	Q1353-02	346	BF141612.D	13 Feb 2025 14:10		RC/JU	Ok
12	Q1356-01	CARBON-SOLID	BF141613.D	13 Feb 2025 14:37		RC/JU	Ok
13	Q1356-03	SOIL-PILE	BF141614.D	13 Feb 2025 15:03		RC/JU	Ok
14	Q1356-05	CARBON-FB	BF141615.D	13 Feb 2025 15:30	Surrogate Fail	RC/JU	ReRun
15	Q1356-06	WATER-A	BF141616.D	13 Feb 2025 15:56		RC/JU	Ok
16	Q1356-07	WATER-B	BF141617.D	13 Feb 2025 16:22		RC/JU	Ok
17	Q1356-08	WATER-FB	BF141618.D	13 Feb 2025 16:49	Surrogate Fail	RC/JU	ReRun

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF021325

Review By	yogesh	Review On	2/15/2025 4:25:45 AM		
Supervise By	mohammad	Supervise On	2/15/2025 4:46:40 AM		
SubDirectory	BF021325	HP Acquire Method	BNA_F	HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12651,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q1356-09	SOIL-FB	BF141619.D	13 Feb 2025 17:15		RC/JU	Ok
19	Q1353-01	346	BF141620.D	13 Feb 2025 17:42		RC/JU	Ok,M
20	Q1353-01MS	346MS	BF141621.D	13 Feb 2025 18:08		RC/JU	Ok,M
21	Q1353-01MSD	346MSD	BF141622.D	13 Feb 2025 18:34		RC/JU	Ok,M
22	Q1331-01	MW1R	BF141623.D	13 Feb 2025 19:01	Internal Standard Fail, Need 5X Dilution	RC/JU	Dilution
23	Q1365-03	72-11995	BF141624.D	13 Feb 2025 19:27		RC/JU	Ok
24	Q1365-05	286	BF141625.D	13 Feb 2025 19:53		RC/JU	Ok,M
25	Q1354-01	NB-08-021125	BF141626.D	13 Feb 2025 20:20		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF021425

Review By	yogesh	Review On	2/15/2025 4:28:05 AM		
Supervise By	Jagrut	Supervise On	2/19/2025 4:55:08 PM		
SubDirectory	BF021425	HP Acquire Method	BNA_F	HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12651,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF141627.D	14 Feb 2025 09:19		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF141628.D	14 Feb 2025 09:45		RC/JU	Ok
3	PB166711BL	PB166711BL	BF141629.D	14 Feb 2025 10:29		RC/JU	Ok
4	PB166711BS	PB166711BS	BF141630.D	14 Feb 2025 10:55		RC/JU	Ok,M
5	PB166700TB	PB166700TB	BF141631.D	14 Feb 2025 11:21		RC/JU	Ok
6	PB166702TB	PB166702TB	BF141632.D	14 Feb 2025 11:48		RC/JU	Ok
7	Q1352-02	TAP-IDW-SOIL-021025	BF141633.D	14 Feb 2025 12:18		RC/JU	Ok
8	Q1356-04	CARBON-WATER	BF141634.D	14 Feb 2025 12:44		RC/JU	Ok
9	Q1356-04MS	CARBON-WATERMS	BF141635.D	14 Feb 2025 13:11		RC/JU	Ok,M
10	Q1356-04MSD	CARBON-WATERMSD	BF141636.D	14 Feb 2025 13:37		RC/JU	Ok,M
11	SSTDCCC040	SSTDCCC040EC	BF141637.D	14 Feb 2025 14:12		RC/JU	Ok
12	DFTPP	DFTPP	BF141638.D	14 Feb 2025 14:38		RC/JU	Ok
13	SSTDCCC040	SSTDCCC040	BF141639.D	14 Feb 2025 15:04		RC/JU	Ok
14	PB166719BL	PB166719BL	BF141640.D	14 Feb 2025 15:30		RC/JU	Ok
15	PB166719BS	PB166719BS	BF141641.D	14 Feb 2025 15:56		RC/JU	Ok,M
16	Q1356-05RE	CARBON-FBRE	BF141642.D	14 Feb 2025 16:30	Surrogate Fail	RC/JU	Confirms
17	Q1356-08RE	WATER-FBRE	BF141643.D	14 Feb 2025 16:56	Surrogate Fail	RC/JU	Confirms
18	Q1365-01	366	BF141644.D	14 Feb 2025 17:22		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF021425

Review By	yogesh	Review On	2/15/2025 4:28:05 AM		
Supervise By	Jagrut	Supervise On	2/19/2025 4:55:08 PM		
SubDirectory	BF021425	HP Acquire Method	BNA_F	HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12651,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1365-08	357	BF141645.D	14 Feb 2025 17:49		RC/JU	Ok
20	Q1365-04	VNJ-213	BF141646.D	14 Feb 2025 18:15		RC/JU	Ok,M
21	Q1365-02	VNJ-214	BF141647.D	14 Feb 2025 18:41		RC/JU	Ok,M
22	Q1331-01DL	MW1RDL	BF141648.D	14 Feb 2025 19:08		RC/JU	Ok
23	Q1365-06	348	BF141649.D	14 Feb 2025 19:34		RC/JU	Ok,M
24	Q1365-06MS	348MS	BF141650.D	14 Feb 2025 20:00		RC/JU	Ok,M
25	Q1365-06MSD	348MSD	BF141651.D	14 Feb 2025 20:26		RC/JU	Ok,M
26	Q1365-07	RBR22266	BF141652.D	14 Feb 2025 20:52		RC/JU	Ok,M
27	Q1366-01	HD-01-2132025	BF141653.D	14 Feb 2025 21:19		RC/JU	Ok

M : Manual Integration

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EXTRACTION LOGPAGE

PB166641

SOP ID:	M3510C,3580A-Extraction SVOC-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	02/10/2025
Matrix :	Water			**Extraction Start Time :**	08:35
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	02/10/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	13:35
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3574	**Hood ID:**	4,6,7	**Supervisor By :**	rajesh

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	SP6720
Surrogate	1.0ML	100/150 PPM	SP6638
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	E3874
Baked Na2SO4	N/A	EP2585
10N NaoH	N/A	EP2559
H2SO4 1:1	N/A	EP2565
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# 2210673. p H Adjusted<2 with 1:1 H2SO4 &>11 with 10N NaOH.

KD Bath ID:	Water bath -01,02	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
02/10/25	RP (Ext Lab)	AC/SVOC
13:40	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB166641

Analytical Method: M3510C,3580A-Extraction SVOC-20 **Concentration Date:** 02/10/2025

Sample ID	Client Sample ID	Test	g / (mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166641BL	SBLK641	SVOC-TCL BNA -20	1000	6	RUPESH	rajesh	1			SEP-01
PB166641BS	SLCS641	SVOC-TCL BNA -20	1000	6	RUPESH	rajesh	1			2
PB166641BSD	SLCSD641	SVOC-TCL BNA -20	1000	6	RUPESH	rajesh	1			3
Q1331-01	MW1R	SVOC-TCL BNA -20	970	6	RUPESH	rajesh	1	C		4

* **Extracts relinguished on the same date as received.**

8:33
168641

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1231S **WorkList ID :** 187601 **Department :** Extraction **Date :** 02-10-2025 08:21:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1331-01	MW1R	Water	SVOC-TCL BNA -20	Cool 4 deg C	GENV01	N41	02/06/2025	8270E

Date/Time 02/10/25 8:30

Raw Sample Received by: RS (Expt Lab)

Raw Sample Relinquished by:

Date/Time 02/10/25 8:45

Raw Sample Received by:

Raw Sample Relinquished by: RS (Expt lab)

Q1331

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

LAB CHRONICLE

OrderID:	Q1331	**OrderDate:**	2/7/2025 10:36:56 AM
Client:	G Environmental	**Project:**	Power
Contact:	Gary Landis	**Location:**	N41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1331-01	**MW1R**	**Water**			**02/06/25**			**02/07/25**
			SVOC-TCL BNA -20	8270E		02/10/25	02/13/25	
Q1331-01DL	**MW1RDL**	**Water**			**02/06/25**			**02/07/25**
			SVOC-TCL BNA -20	8270E		02/10/25	02/14/25	

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. Q1331
COC Number 2046126

7
7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: GEI CONSULTANTS
ADDRESS: 8 CARRIAGE
CITY Saucon STATE NJ ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: POWER
PROJECT NO.: LOCATION: Newark NJ
PROJECT MANAGER: GL
e-mail: gary@gei-environmental.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: GEI CONSULTANTS PO#:
ADDRESS: 8 CARRIAGE
CITY Saucon NJ STATE: NJ ZIP: 07876
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ 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
EDD FORMAT haszite, pdf edd

1: TCL VOCs 2: TCL BNAs 3: 4: 5: 6: 7: 8: 9:

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
1.	MW1R	GW		X	2/6/25		4	X	X								
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME	RECEIVED BY:
1.	8:35 2-7-25	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments: MW1R 2 Cont #1

Page ____ of
CLIENT: ☐ Hand Delivered ☐ Other
Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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 : Q1331 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 2/7/2025 10:36:56 AM
Project Name : Power
Receive DateTime : 2/7/2025 ~~8:25:00~~ AM 8:35
Purchase Order :

Project Mgr :
Report Type : ~~Level 1~~ nj reduce
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
Q1331-01	MW1R	Water	02/06/2025	00:00					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days

Relinguished By : _____
Date / Time : 2·7·25 11:00

Received By : _____
Date / Time : 2/7/25 11:00
Storage Area : VOA Refridgerator Room