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

DATA PACKAGE

SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : NELSON

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q2073

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q2073

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : CHEMTECH

Client : G Environmental

Project Location :

Project Number : - Nelson

Laboratory Sample ID(s) : Q2073

Sampling Date(s) : 5/16/2025

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

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

Cover Page

Order ID : Q2073

Project ID : Nelson

Client : G Environmental

Lab Sample Number	Client Sample Number
Q2073-01	GDW1
Q2073-02	GDW2

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 8:28 am, May 30, 2025

Date: 5/30/2025

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: Nelson
Project # N/A
Order ID # Q2073
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
2 Water samples were received on 05/16/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1, SVOCMS Group1, SVOCMS Group2 and VOCMS Group1. This data package contains results for VOCMS Group1.

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

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

E. Additional Comments:
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.

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

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 8:28 am, May 30, 2025

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

CASE NARRATIVE

G Environmental
Project Name: Nelson
Project # N/A
Order ID # Q2073
Test Name: SVOCMS Group2

A. Number of Samples and Date of Receipt:
2 Water samples were received on 05/16/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1, SVOCMS Group1, SVOCMS Group2 and VOCMS Group1. This data package contains results for SVOCMS Group2.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group2 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The RPD met criteria .

The Blank Spike for {PB168098BS} with File ID: BP024755.D met requirements for all samples except for 3,3-Dichlorobenzidine[63%], 3-Nitroaniline[41%] and 4-Chloroaniline[35%],these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The Blank Spike Duplicate for {PB168098BSD} with File ID: BP024756.D met requirements for all samples except for 3,3-Dichlorobenzidine[61%], 3-Nitroaniline[42%] and 4-Chloroaniline[30%],these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

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

The Continuous Calibration File ID BP024788.D met the requirements except for 2,2-oxybis(1-Chloropropane) is marginally biased low and Hexachlorocyclopentadiene is biased high and no positive hit in associated samples therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:
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 <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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

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

Signature_____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 8:28 am, May 30, 2025

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

CASE NARRATIVE

G Environmental
Project Name: Nelson
Project # N/A
Order ID # Q2073
Test Name: SVOC-SIMGroup1

A. Number of Samples and Date of Receipt:
2 Water samples were received on 05/16/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1, SVOCMS Group1, SVOCMS Group2 and VOCMS Group1. This data package contains results for SVOC-SIMGroup1.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_N using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOC-SIMGroup1 was based on method 8270-Modified 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 except for GDW1 [Terphenyl-d14 - 179%],this compound did not meet the NJDKQP criteria and in-house criteria,as per SOW one base surrogate allowed to fail therefor no further corrective acition was required and GDW2 [Terphenyl-d14 - 137%],this compound did not meet the NJDKQP criteria but met the in-house criteria.

The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .
The Tuning criteria met requirements.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

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

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 

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2073

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

QA Review Signature: SOHIL JODHANI **Date:** 05/30/2025

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

Hit Summary Sheet
SW-846

SDG No.: Q2073

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**GDW1**							
Q2073-01	GDW1	Water	Acetone	6.80		1.50	5.00	ug/L
Q2073-01	GDW1	Water	Methyl Acetate	3.50		0.27	1.00	ug/L
			Total Voc :	10.3				
			Total Concentration:	10.3				
Client ID:	**GDW2**							
Q2073-02	GDW2	Water	Chloromethane	1.10		0.32	1.00	ug/L
Q2073-02	GDW2	Water	Acetone	5.20		1.50	5.00	ug/L
Q2073-02	GDW2	Water	Methyl Acetate	1.40		0.27	1.00	ug/L
			Total Voc :	7.70				
			Total Concentration:	7.70				

SAMPLE DATA

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

Report of Analysis

Client:	G Environmental	Date Collected:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW1	SDG No.:	Q2073
Lab Sample ID:	Q2073-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046280.D	1		05/19/25 20:06	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	6.80		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	3.50		0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

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

Report of Analysis

Client:	G Environmental		Date Collected:	05/16/25	
Project:	Nelson		Date Received:	05/16/25	
Client Sample ID:	GDW1		SDG No.:	Q2073	
Lab Sample ID:	Q2073-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046280.D	1		05/19/25 20:06	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.5		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	51.2		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.5		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	62000	5.544			
540-36-3	1,4-Difluorobenzene	123000	6.757			
3114-55-4	Chlorobenzene-d5	116000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	49700	12.018			

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

Report of Analysis

Client:	G Environmental	Date Collected:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW1	SDG No.:	Q2073
Lab Sample ID:	Q2073-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046280.D	1		05/19/25 20:06	VX051925

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

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

Report of Analysis

Client:	G Environmental	Date Collected:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW2	SDG No.:	Q2073
Lab Sample ID:	Q2073-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046281.D	1		05/19/25 20:29	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	1.10		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	5.20		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	1.40		0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW2	SDG No.:	Q2073
Lab Sample ID:	Q2073-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046281.D	1		05/19/25 20:29	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.3		70 (74) - 130 (125)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	49.8		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		70 (77) - 130 (121)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	61700	5.544			
540-36-3	1,4-Difluorobenzene	125000	6.757			
3114-55-4	Chlorobenzene-d5	114000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	45900	12.018			

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

Report of Analysis

Client:	G Environmental	Date Collected:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW2	SDG No.:	Q2073
Lab Sample ID:	Q2073-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046281.D	1		05/19/25 20:29	VX051925

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

QC SUMMARY

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

Surrogate Summary

SDG No.: Q2073

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2073-01	GDW1	1,2-Dichloroethane-d4	50	53.5	107	70 (74)	130 (125)
		Dibromofluoromethane	50	50.8	102	70 (75)	130 (124)
		Toluene-d8	50	51.2	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.5	101	70 (77)	130 (121)
Q2073-02	GDW2	1,2-Dichloroethane-d4	50	54.3	109	70 (74)	130 (125)
		Dibromofluoromethane	50	50.1	100	70 (75)	130 (124)
		Toluene-d8	50	49.8	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.8	97	70 (77)	130 (121)
VX0519WBL01	VX0519WBL01	1,2-Dichloroethane-d4	50	54.1	108	70 (74)	130 (125)
		Dibromofluoromethane	50	51.4	103	70 (75)	130 (124)
		Toluene-d8	50	50.4	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.6	99	70 (77)	130 (121)
VX0519WBS01	VX0519WBS01	1,2-Dichloroethane-d4	50	51.6	103	70 (74)	130 (125)
		Dibromofluoromethane	50	53.1	106	70 (75)	130 (124)
		Toluene-d8	50	51.6	103	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.4	103	70 (77)	130 (121)
VX0519WBSD0	VX0519WBSD01	1,2-Dichloroethane-d4	50	52.0	104	70 (74)	130 (125)
		Dibromofluoromethane	50	52.9	106	70 (75)	130 (124)
		Toluene-d8	50	51.4	103	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.5	103	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2073

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046258.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0519WBS01	Dichlorodifluoromethane	20	18.7	ug/L	94			40 (69)	160 (116)	
	Chloromethane	20	17.7	ug/L	89			40 (65)	160 (116)	
	Vinyl chloride	20	17.2	ug/L	86			70 (65)	130 (117)	
	Bromomethane	20	18.6	ug/L	93			40 (58)	160 (125)	
	Chloroethane	20	19.3	ug/L	97			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.8	ug/L	94			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.0	ug/L	95			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.4	ug/L	92			70 (74)	130 (110)	
	Acetone	100	95.5	ug/L	96			40 (60)	160 (125)	
	Carbon disulfide	20	15.7	ug/L	79			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.0	ug/L	95			70 (78)	130 (114)	
	Methyl Acetate	20	22.6	ug/L	113			70 (67)	130 (125)	
	Methylene Chloride	20	18.1	ug/L	91			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.2	ug/L	91			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.3	ug/L	97			70 (78)	130 (112)	
	Cyclohexane	20	17.8	ug/L	89			70 (75)	130 (110)	
	2-Butanone	100	98.6	ug/L	99			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.1	ug/L	96			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	18.4	ug/L	92			70 (77)	130 (110)	
	Bromochloromethane	20	21.4	ug/L	107			70 (70)	130 (124)	
	Chloroform	20	19.7	ug/L	99			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.1	ug/L	96			70 (80)	130 (108)	
	Methylcyclohexane	20	17.6	ug/L	88			70 (72)	130 (115)	
	Benzene	20	19.0	ug/L	95			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.8	ug/L	99			70 (80)	130 (115)	
	Trichloroethene	20	18.2	ug/L	91			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.9	ug/L	100			70 (83)	130 (111)	
	Bromodichloromethane	20	20.0	ug/L	100			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	99.9	ug/L	100			40 (74)	160 (118)	
	Toluene	20	19.5	ug/L	98			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.5	ug/L	93			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.0	ug/L	95			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	20.4	ug/L	102			70 (83)	130 (112)	
	2-Hexanone	100	100	ug/L	100			40 (73)	160 (117)	
	Dibromochloromethane	20	19.9	ug/L	100			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.6	ug/L	98			70 (81)	130 (110)	
	Tetrachloroethene	20	17.9	ug/L	90			70 (67)	130 (123)	
	Chlorobenzene	20	18.5	ug/L	93			70 (82)	130 (109)	
	Ethyl Benzene	20	18.9	ug/L	95			70 (83)	130 (109)	
	m/p-Xylenes	40	37.1	ug/L	93			70 (82)	130 (110)	
	o-Xylene	20	19.0	ug/L	95			70 (83)	130 (109)	
	Styrene	20	19.7	ug/L	99			70 (80)	130 (111)	
	Bromoform	20	19.0	ug/L	95			70 (79)	130 (109)	
	Isopropylbenzene	20	19.5	ug/L	98			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	19.3	ug/L	97			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.8	ug/L	94			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.2	ug/L	91			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	19.3	ug/L	97			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2073

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046258.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0519WBS01	1,2-Dibromo-3-Chloropropane	20	19.0	ug/L	95			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	17.8	ug/L	89			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	18.1	ug/L	91			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2073

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046259.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0519WBSD01	Dichlorodifluoromethane	20	18.0	ug/L	90	4		40 (69)	160 (116)	20 (20)
	Chloromethane	20	17.3	ug/L	86	3		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	16.7	ug/L	84	2		70 (65)	130 (117)	20 (20)
	Bromomethane	20	17.2	ug/L	86	8		40 (58)	160 (125)	20 (20)
	Chloroethane	20	17.8	ug/L	89	9		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	18.4	ug/L	92	2		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	18.5	ug/L	93	2		70 (80)	130 (112)	20 (20)
	1,1-Dichloroethene	20	17.9	ug/L	90	2		70 (74)	130 (110)	20 (20)
	Acetone	100	98.7	ug/L	99	3		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	15.1	ug/L	76	4		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	19.5	ug/L	98	3		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	23.4	ug/L	117	3		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	17.8	ug/L	89	2		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.0	ug/L	90	1		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	19.0	ug/L	95	2		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	17.6	ug/L	88	1		70 (75)	130 (110)	20 (20)
	2-Butanone	100	100	ug/L	100	1		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	18.8	ug/L	94	2		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	19.0	ug/L	95	3		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	20.9	ug/L	104	3		70 (70)	130 (124)	20 (20)
	Chloroform	20	19.9	ug/L	100	1		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.2	ug/L	96	0		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	17.2	ug/L	86	2		70 (72)	130 (115)	20 (20)
	Benzene	20	19.1	ug/L	96	1		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	20.3	ug/L	102	3		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	18.6	ug/L	93	2		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	18.7	ug/L	94	6		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	19.9	ug/L	100	0		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	100	ug/L	100	0		40 (74)	160 (118)	20 (20)
	Toluene	20	19.1	ug/L	96	2		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	18.8	ug/L	94	1		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	19.3	ug/L	97	2		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	20.3	ug/L	102	0		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	10		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	19.7	ug/L	99	1		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.2	ug/L	101	3		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	18.2	ug/L	91	1		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	18.7	ug/L	94	1		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	19.0	ug/L	95	0		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	38.2	ug/L	96	3		70 (82)	130 (110)	20 (20)
	o-Xylene	20	19.1	ug/L	96	1		70 (83)	130 (109)	20 (20)
	Styrene	20	19.8	ug/L	99	0		70 (80)	130 (111)	20 (20)
	Bromoform	20	19.2	ug/L	96	1		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	19.2	ug/L	96	2		70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	19.5	ug/L	98	1		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	18.8	ug/L	94	0		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	18.8	ug/L	94	3		70 (82)	130 (107)	20 (20)
	1,2-Dichlorobenzene	20	19.8	ug/L	99	2		70 (82)	130 (109)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2073

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046259.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0519WBSD01	1,2-Dibromo-3-Chloropropane	20	20.0	ug/L	100	5		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	18.6	ug/L	93	4		70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	19.4	ug/L	97	6		70 (76)	130 (114)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0519WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

Lab File ID: VX046257.D Lab Sample ID: VX0519WBL01

Date Analyzed: 05/19/2025 Time Analyzed: 11:02

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

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0519WBS01	VX0519WBS01	VX046258.D	05/19/2025
VX0519WBSD01	VX0519WBSD01	VX046259.D	05/19/2025
GDW1	Q2073-01	VX046280.D	05/19/2025
GDW2	Q2073-02	VX046281.D	05/19/2025

COMMENTS:

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

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

Instrument ID: MSVOA_X BFB Injection Time: 09:37

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

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

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

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

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

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

Lab File ID: VX046254.D BFB Injection Date: 05/19/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:33

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.1
75	30.0 - 60.0% of mass 95	58.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.7 (1.1) 1
174	50.0 - 100.0% of mass 95	67.9
175	5.0 - 9.0% of mass 174	5.5 (8.1) 1
176	95.0 - 101.0% of mass 174	67.3 (99.1) 1
177	5.0 - 9.0% of mass 176	4.7 (6.9) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046255.D	05/19/2025	10:05
VX0519WBL01	VX0519WBL01	VX046257.D	05/19/2025	11:02
VX0519WBS01	VX0519WBS01	VX046258.D	05/19/2025	11:25
VX0519WBSD01	VX0519WBSD01	VX046259.D	05/19/2025	11:53
GDW1	Q2073-01	VX046280.D	05/19/2025	20:06
GDW2	Q2073-02	VX046281.D	05/19/2025	20:29

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

Lab File ID: VX046255.D Date Analyzed: 05/19/2025

Instrument ID: MSVOA_X Time Analyzed: 10:05

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	97192	5.54	163845	6.76	142712	10.05
UPPER LIMIT	194384	6.038	327690	7.257	285424	10.549
LOWER LIMIT	48596	5.038	81922.5	6.257	71356	9.549
EPA SAMPLE NO.						
GDW1	62035	5.54	123496	6.76	115828	10.05
GDW2	61746	5.54	125249	6.76	113628	10.05
VX0519WBL01	62503	5.54	124684	6.76	117918	10.05
VX0519WBS01	91585	5.54	158835	6.76	142753	10.05
VX0519WBSD01	87263	5.54	150978	6.76	132315	10.05

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

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

Lab File ID: VX046255.D Date Analyzed: 05/19/2025

Instrument ID: MSVOA_X Time Analyzed: 10:05

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

	IS4 AREA #	RT #				
12 HOUR STD	70270	12.018				
UPPER LIMIT	140540	12.518				
LOWER LIMIT	35135	11.518				
EPA SAMPLE NO.						
GDW1	49714	12.02				
GDW2	45883	12.02				
VX0519WBL01	48295	12.02				
VX0519WBS01	66879	12.02				
VX0519WBSD01	63585	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

QC SAMPLE DATA

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:	Nelson	Date Received:	
Client Sample ID:	VX0519WBL01	SDG No.:	Q2073
Lab Sample ID:	VX0519WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046257.D	1		05/19/25 11:02	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Nelson	Date Received:	
Client Sample ID:	VX0519WBL01	SDG No.:	Q2073
Lab Sample ID:	VX0519WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046257.D	1		05/19/25 11:02	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.1		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	50.4		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.6		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	62500	5.544			
540-36-3	1,4-Difluorobenzene	125000	6.757			
3114-55-4	Chlorobenzene-d5	118000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	48300	12.018			

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:	Nelson	Date Received:	
Client Sample ID:	VX0519WBL01	SDG No.:	Q2073
Lab Sample ID:	VX0519WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046257.D	1		05/19/25 11:02	VX051925

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

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:	Nelson	Date Received:	
Client Sample ID:	VX0519WBS01	SDG No.:	Q2073
Lab Sample ID:	VX0519WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046258.D	1		05/19/25 11:25	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.7		0.22	1.00	ug/L
74-87-3	Chloromethane	17.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.2		0.26	1.00	ug/L
74-83-9	Bromomethane	18.6		1.40	5.00	ug/L
75-00-3	Chloroethane	19.3		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.8		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.0		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.23	1.00	ug/L
67-64-1	Acetone	95.5		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	15.7		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	22.6		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.1		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.8		1.50	5.00	ug/L
78-93-3	2-Butanone	98.6		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.1		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.4		0.22	1.00	ug/L
67-66-3	Chloroform	19.7		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.1		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.6		0.16	1.00	ug/L
71-43-2	Benzene	19.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.2		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	99.9		0.68	5.00	ug/L
108-88-3	Toluene	19.5		0.14	1.00	ug/L

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Nelson		Date Received:		
Client Sample ID:	VX0519WBS01		SDG No.:	Q2073	
Lab Sample ID:	VX0519WBS01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046258.D	1		05/19/25 11:25	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.5		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.0		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.9		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.6		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.5		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.9		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.1		0.24	2.00	ug/L
95-47-6	o-Xylene	19.0		0.12	1.00	ug/L
100-42-5	Styrene	19.7		0.15	1.00	ug/L
75-25-2	Bromoform	19.0		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.5		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.3		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.2		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.3		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.0		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.8		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.1		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.6		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	53.1		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	51.6		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	91600	5.544			
540-36-3	1,4-Difluorobenzene	159000	6.757			
3114-55-4	Chlorobenzene-d5	143000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	66900	12.018			

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:	Nelson	Date Received:	
Client Sample ID:	VX0519WBS01	SDG No.:	Q2073
Lab Sample ID:	VX0519WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046258.D	1		05/19/25 11:25	VX051925

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

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:	Nelson	Date Received:	
Client Sample ID:	VX0519WBSD01	SDG No.:	Q2073
Lab Sample ID:	VX0519WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046259.D	1		05/19/25 11:53	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.0		0.22	1.00	ug/L
74-87-3	Chloromethane	17.3		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	16.7		0.26	1.00	ug/L
74-83-9	Bromomethane	17.2		1.40	5.00	ug/L
75-00-3	Chloroethane	17.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.4		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.5		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.9		0.23	1.00	ug/L
67-64-1	Acetone	98.7		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	15.1		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.5		0.16	1.00	ug/L
79-20-9	Methyl Acetate	23.4		0.27	1.00	ug/L
75-09-2	Methylene Chloride	17.8		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.0		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.6		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.8		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	20.9		0.22	1.00	ug/L
67-66-3	Chloroform	19.9		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.2		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.2		0.16	1.00	ug/L
71-43-2	Benzene	19.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.6		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.7		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.9		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	19.1		0.14	1.00	ug/L

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Nelson		Date Received:		
Client Sample ID:	VX0519WBSD01		SDG No.:	Q2073	
Lab Sample ID:	VX0519WBSD01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046259.D	1		05/19/25 11:53	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.8		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.3		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.2		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.7		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.0		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.2		0.24	2.00	ug/L
95-47-6	o-Xylene	19.1		0.12	1.00	ug/L
100-42-5	Styrene	19.8		0.15	1.00	ug/L
75-25-2	Bromoform	19.2		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.2		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.8		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.6		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.4		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.0		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	52.9		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	51.4		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	87300	5.544			
540-36-3	1,4-Difluorobenzene	151000	6.757			
3114-55-4	Chlorobenzene-d5	132000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	63600	12.018			

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:	Nelson	Date Received:	
Client Sample ID:	VX0519WBSD01	SDG No.:	Q2073
Lab Sample ID:	VX0519WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046259.D	1		05/19/25 11:53	VX051925

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.: Q2073 SAS No.: Q2073 SDG No.: Q2073

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

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

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

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

COMPOUND	RRF020	RRF050	RRF100	RRF150	RRF005	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.697	0.864	0.859	0.875	0.639	0.658	0.765	14.6
Chloromethane	0.727	0.775	0.787	0.791	0.679	0.694	0.742	6.6
Vinyl Chloride	0.660	0.710	0.727	0.755	0.619	0.673	0.691	7.2
Bromomethane	0.296	0.326	0.340	0.334	0.305		0.320	5.8
Chloroethane	0.354	0.378	0.329	0.317	0.368	0.467	0.369	14.4
Trichlorofluoromethane	1.035	1.068	0.983	0.985	0.990	1.064	1.021	3.9
1,1,2-Trichlorotrifluoroethane	0.628	0.641	0.629	0.648	0.610	0.633	0.632	2.1
1,1-Dichloroethene	0.565	0.601	0.607	0.625	0.567	0.594	0.593	3.9
Acetone	0.361	0.362	0.361	0.370	0.408	0.380	0.374	4.9
Carbon Disulfide	1.295	1.455	1.522	1.597	1.141	1.423	1.406	11.7
Methyl tert-butyl Ether	2.044	2.160	2.172	2.239	1.908	1.949	2.079	6.4
Methyl Acetate	0.814	0.848	0.845	0.875	0.816	1.006	0.867	8.3
Methylene Chloride	0.689	0.684	0.691	0.691	0.689	0.853	0.716	9.4
trans-1,2-Dichloroethene	0.573	0.610	0.612	0.622	0.557	0.604	0.596	4.3
1,1-Dichloroethane	1.233	1.263	1.263	1.286	1.154	1.116	1.219	5.6
Cyclohexane	1.090	1.128	1.128	1.150	1.059		1.111	3.3
2-Butanone	0.540	0.555	0.558	0.569	0.539	0.495	0.543	4.8
Carbon Tetrachloride	0.528	0.558	0.552	0.577	0.505	0.541	0.544	4.6
cis-1,2-Dichloroethene	0.716	0.737	0.738	0.755	0.642	0.719	0.718	5.5
Bromochloromethane	0.628	0.578	0.595	0.590	0.553	0.576	0.587	4.3
Chloroform	1.287	1.296	1.277	1.300	1.199	1.265	1.271	3
1,1,1-Trichloroethane	1.106	1.131	1.155	1.188	1.013	1.015	1.101	6.6
Methylcyclohexane	0.596	0.641	0.627	0.658	0.587	0.627	0.623	4.3
Benzene	1.426	1.474	1.441	1.477	1.337	1.348	1.417	4.3
1,2-Dichloroethane	0.632	0.627	0.611	0.625	0.594	0.579	0.612	3.5
Trichloroethene	0.344	0.355	0.345	0.362	0.315	0.324	0.341	5.3
1,2-Dichloropropane	0.356	0.371	0.368	0.378	0.324	0.317	0.352	7.4
Bromodichloromethane	0.557	0.577	0.573	0.594	0.498	0.485	0.547	8.2
4-Methyl-2-Pentanone	0.620	0.634	0.630	0.631	0.555	0.561	0.605	6
Toluene	0.884	0.898	0.885	0.904	0.838	0.803	0.869	4.5

* 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 ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG No.: Q2073

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

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

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

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

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

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

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.: Q2073 SAS No.: Q2073 SDG No.: Q2073

Instrument ID: MSVOA_X Calibration Date/Time: 05/19/2025 10:05

Lab File ID: VX046255.D Init. Calib. Date(s): 05/05/2025 05/05/2025

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

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.765	0.801		4.71	20
Chloromethane	0.742	0.743	0.1	0.14	20
Vinyl Chloride	0.691	0.673		-2.61	20
Bromomethane	0.320	0.297		-7.19	20
Chloroethane	0.369	0.377		2.17	20
Trichlorofluoromethane	1.021	1.050		2.84	20
1,1,2-Trichlorotrifluoroethane	0.632	0.646		2.21	20
1,1-Dichloroethene	0.593	0.573		-3.37	20
Acetone	0.374	0.373		-0.27	20
Carbon Disulfide	1.406	1.339		-4.76	20
Methyl tert-butyl Ether	2.079	2.149		3.37	20
Methyl Acetate	0.867	0.995		14.76	20
Methylene Chloride	0.716	0.670		-6.43	20
trans-1,2-Dichloroethene	0.596	0.585		-1.85	20
1,1-Dichloroethane	1.219	1.233	0.1	1.15	20
Cyclohexane	1.111	1.043		-6.12	20
2-Butanone	0.543	0.550		1.29	20
Carbon Tetrachloride	0.544	0.577		6.07	20
cis-1,2-Dichloroethene	0.718	0.699		-2.65	20
Bromochloromethane	0.587	0.572		-2.56	20
Chloroform	1.271	1.295		1.89	20
1,1,1-Trichloroethane	1.101	1.133		2.91	20
Methylcyclohexane	0.623	0.602		-3.37	20
Benzene	1.417	1.454		2.61	20
1,2-Dichloroethane	0.612	0.624		1.96	20
Trichloroethene	0.341	0.349		2.35	20
1,2-Dichloropropane	0.352	0.380		7.95	20
Bromodichloromethane	0.547	0.604		10.42	20
4-Methyl-2-Pentanone	0.605	0.650		7.44	20
Toluene	0.869	0.887		2.07	20
t-1,3-Dichloropropene	0.487	0.537		10.27	20
cis-1,3-Dichloropropene	0.538	0.589		9.48	20
1,1,2-Trichloroethane	0.343	0.363		5.83	20
2-Hexanone	0.448	0.480		7.14	20
Dibromochloromethane	0.376	0.429		14.1	20
1,2-Dibromoethane	0.356	0.374		5.06	20
Tetrachloroethene	0.354	0.357		0.85	20
Chlorobenzene	1.094	1.113	0.3	1.74	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG No.: Q2073

Instrument ID: MSVOA_X Calibration Date/Time: 05/19/2025 10:05

Lab File ID: VX046255.D Init. Calib. Date(s): 05/05/2025 05/05/2025

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

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.929	2.022		4.82	20
m/p-Xylenes	0.706	0.743		5.24	20
o-Xylene	0.688	0.721		4.8	20
Styrene	1.127	1.265		12.24	20
Bromoform	0.281	0.322	0.1	14.59	20
Isopropylbenzene	3.893	4.008		2.95	20
1,1,2,2-Tetrachloroethane	1.364	1.325	0.3	-2.86	20
1,3-Dichlorobenzene	1.649	1.676		1.64	20
1,4-Dichlorobenzene	1.684	1.694		0.59	20
1,2-Dichlorobenzene	1.655	1.683		1.69	20
1,2-Dibromo-3-Chloropropane	0.302	0.319		5.63	20
1,2,4-Trichlorobenzene	0.951	0.986		3.68	20
1,2,3-Trichlorobenzene	0.981	0.997		1.63	20
1,2-Dichloroethane-d4	0.932	0.903		-3.11	20
Dibromofluoromethane	0.360	0.383		6.39	20
Toluene-d8	1.246	1.254		0.64	20
4-Bromofluorobenzene	0.478	0.493		3.14	20

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

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046280.D
Acq On : 19 May 2025 20:06
Operator : JC/MD
Sample : Q2073-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW1

Quant Time: May 19 23:18:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

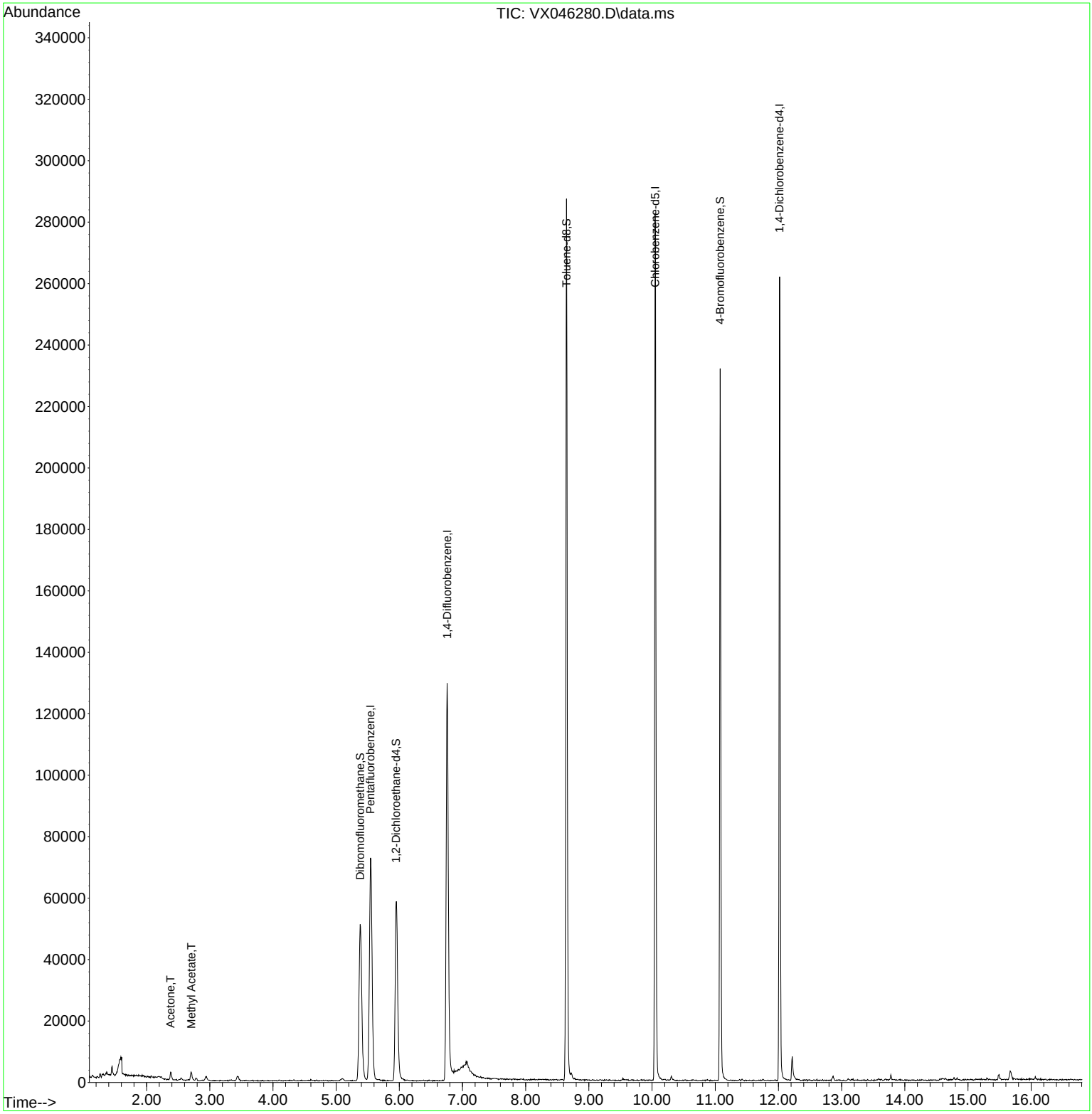
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	62035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	61896	53.519	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.040%			
35) Dibromofluoromethane	5.379	113	45187	50.812	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.620%			
50) Toluene-d8	8.647	98	157467	51.159	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.320%			
62) 4-Bromofluorobenzene	11.079	95	59592	50.473	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.940%			
Target Compounds						Qvalue
16) Acetone	2.380	43	3138	6.767	ug/l	95
18) Methyl Acetate	2.709	43	3775	3.508	ug/l	100

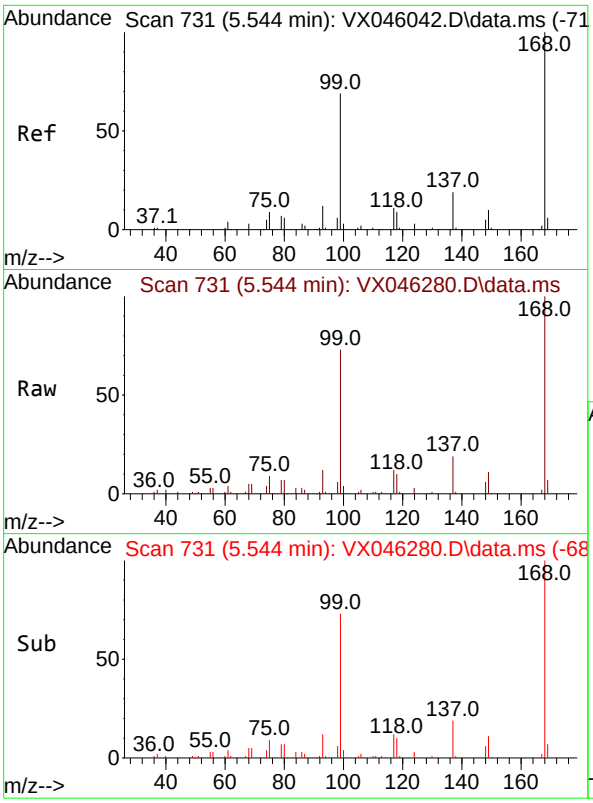
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046280.D
Acq On : 19 May 2025 20:06
Operator : JC/MD
Sample : Q2073-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW1

Quant Time: May 19 23:18:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



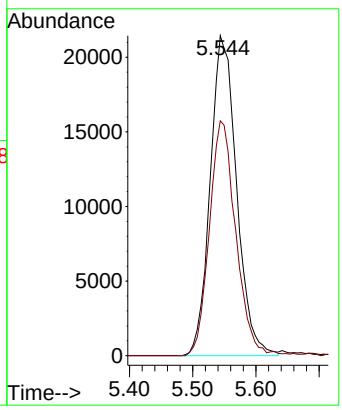


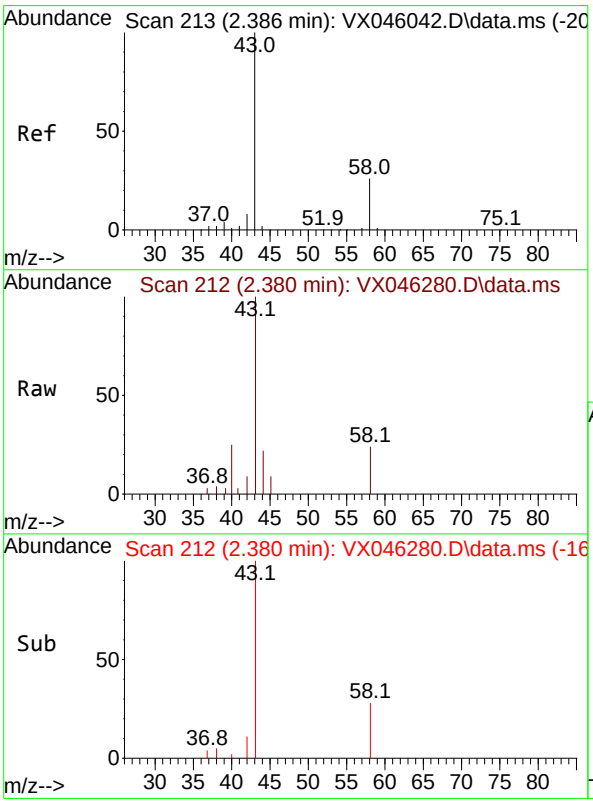
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Instrument :
MSVOA_X
ClientSampleId :
GDW1

Tgt Ion:168 Resp: 62035

Ion	Ratio	Lower	Upper
168	100		
99	73.4	54.9	82.3

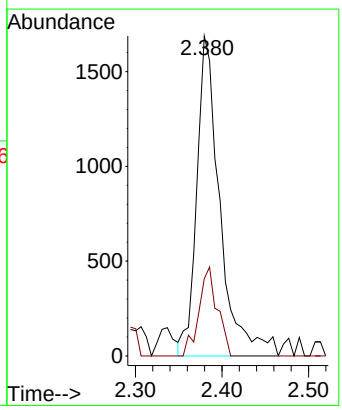


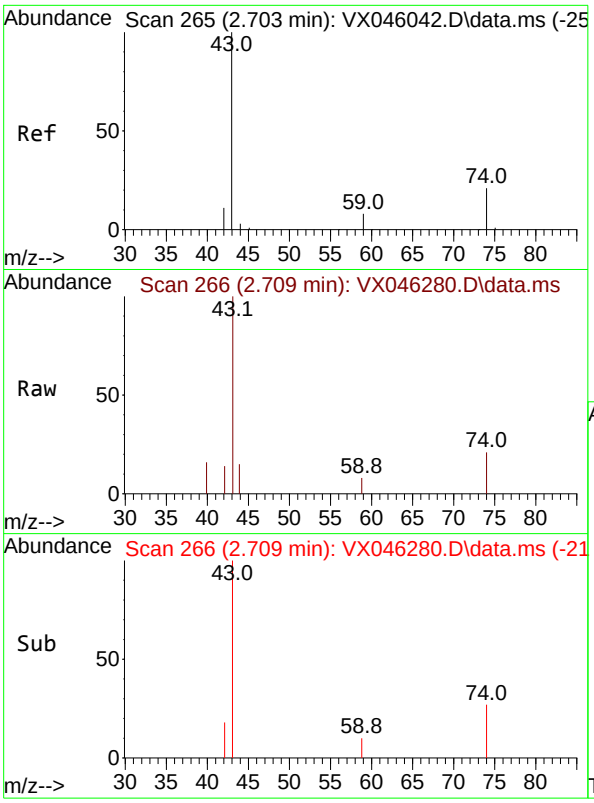


#16
Acetone
Concen: 6.767 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Tgt Ion: 43 Resp: 3138

Ion	Ratio	Lower	Upper
43	100		
58	24.1	21.2	31.8



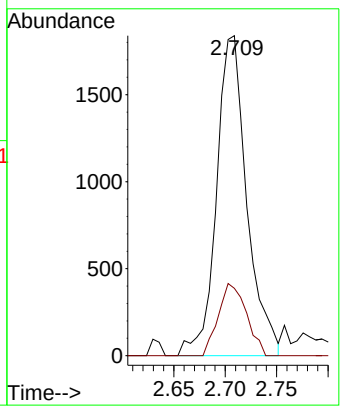


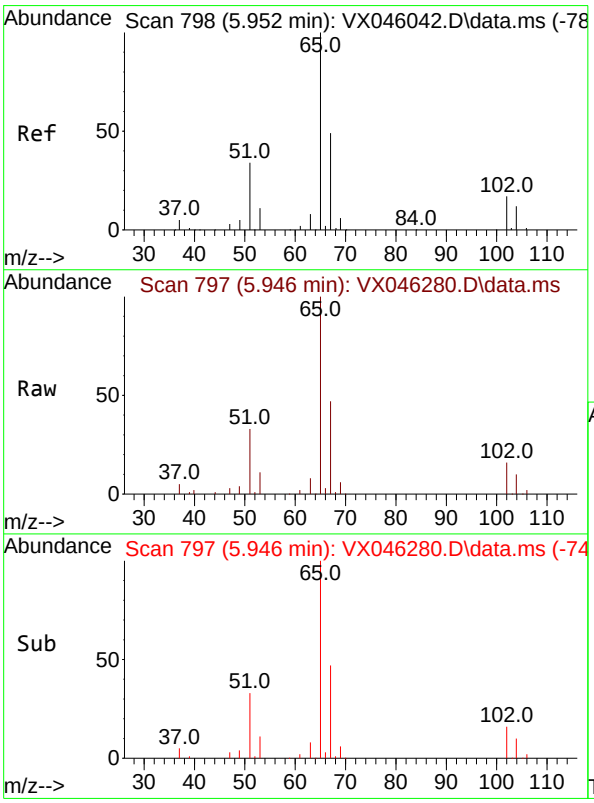
#18
Methyl Acetate
Concen: 3.508 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Instrument :
MSVOA_X
ClientSampleId :
GDW1

Tgt Ion: 43 Resp: 3775

Ion	Ratio	Lower	Upper
43	100		
74	20.8	16.7	25.1

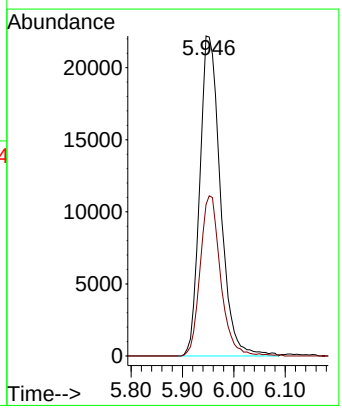


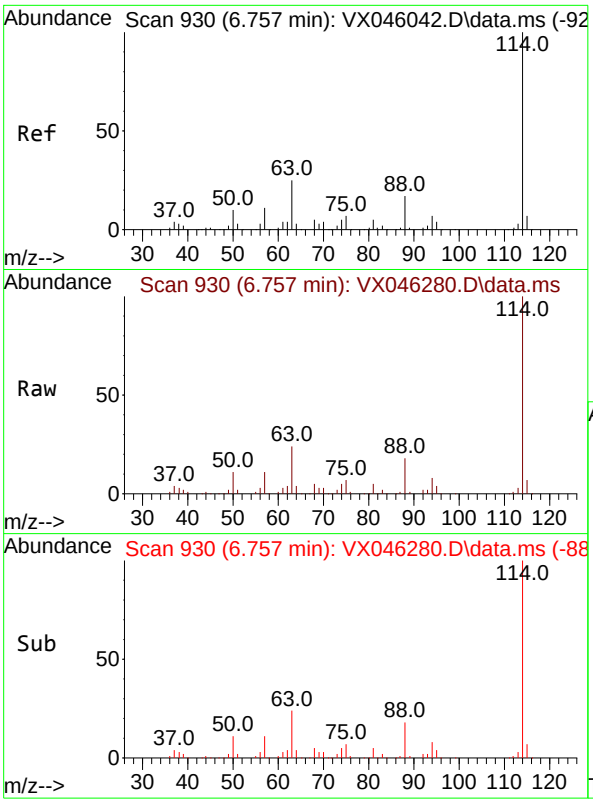


#33
1,2-Dichloroethane-d4
Concen: 53.519 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Tgt Ion: 65 Resp: 61896

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	99.0



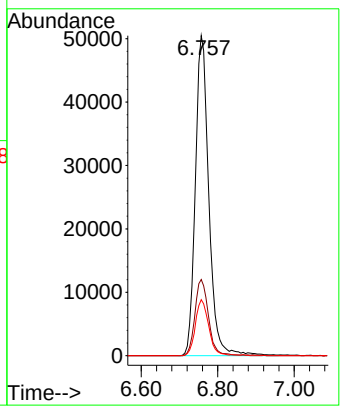


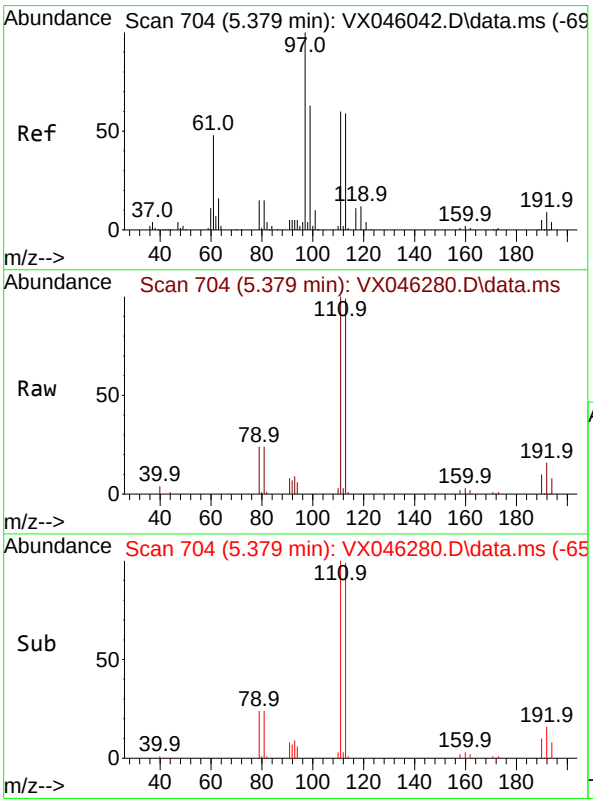
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Instrument :
MSVOA_X
ClientSampleId :
GDW1

Tgt Ion:114 Resp: 123496

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	49.2
88	17.5	0.0	33.6

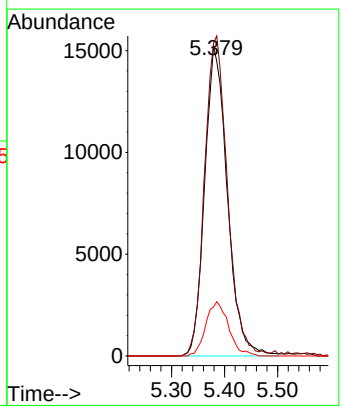


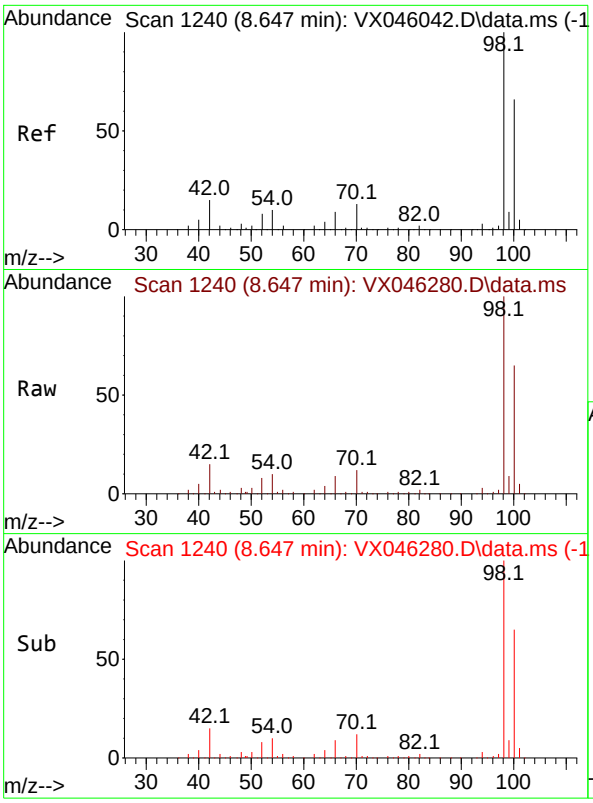


#35
Dibromofluoromethane
Concen: 50.812 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Tgt Ion:113 Resp: 45187

Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.1	124.7
192	17.6	13.3	19.9



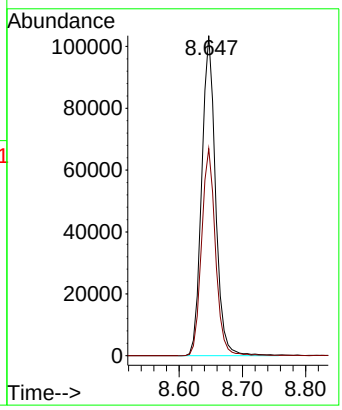


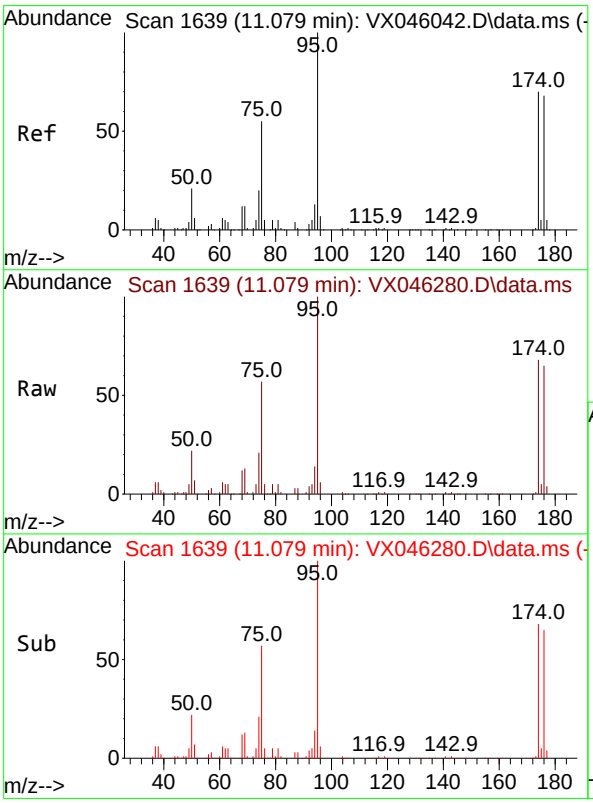
#50
Toluene-d8
Concen: 51.159 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Instrument :
MSVOA_X
ClientSampleId :
GDW1

Tgt Ion: 98 Resp: 157467

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.5	80.3

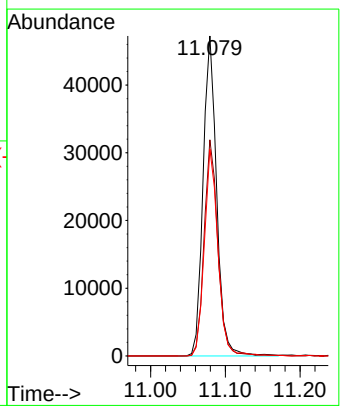


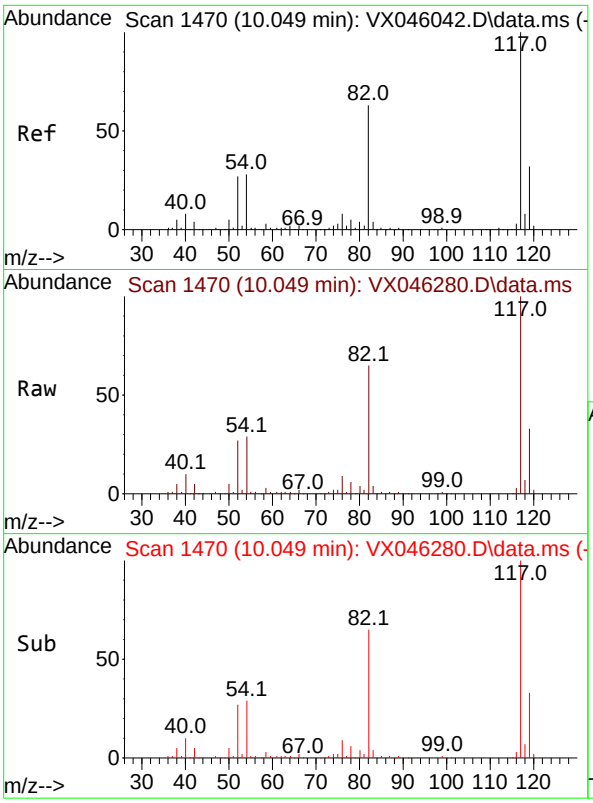


#62
4-Bromofluorobenzene
Concen: 50.473 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Tgt Ion: 95 Resp: 59592

Ion	Ratio	Lower	Upper
95	100		
174	67.8	0.0	135.8
176	65.1	0.0	131.4



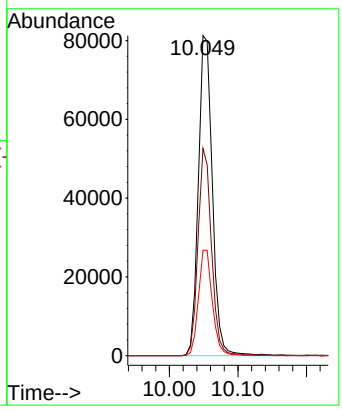


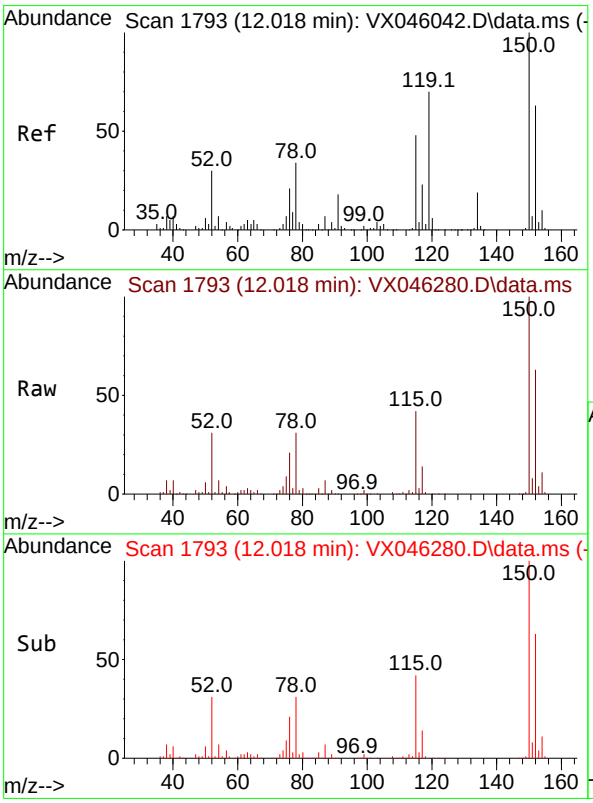
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Instrument :
MSVOA_X
ClientSampleId :
GDW1

Tgt Ion:117 Resp: 115828

Ion	Ratio	Lower	Upper
117	100		
82	64.7	50.6	76.0
119	33.0	25.8	38.6

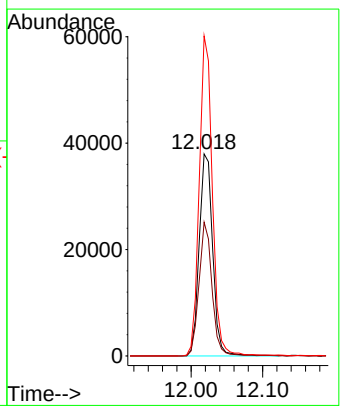




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Tgt Ion:152 Resp: 49714

Ion	Ratio	Lower	Upper
152	100		
115	63.9	46.9	140.7
150	154.3	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046280.D
Acq On : 19 May 2025 20:06
Operator : JC/MD
Sample : Q2073-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW1

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

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

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

Signal : TIC: VX046280.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.575	70	80	81	rBV6	4766	9881	2.23%	0.421%
2	2.703	260	265	274	rVB	2720	4952	1.12%	0.211%
3	5.379	693	704	721	rBV	50865	153795	34.73%	6.556%
4	5.544	721	731	745	rVV	72177	208011	46.98%	8.867%
5	5.952	789	798	813	rBV	58306	160630	36.28%	6.847%
6	6.757	921	930	944	rBV	129296	316511	71.48%	13.491%
7	7.068	977	981	989	rVB4	3277	8214	1.85%	0.350%
8	8.647	1233	1240	1251	rBV	287005	442805	100.00%	18.875%
9	10.049	1465	1470	1483	rBV	282161	396414	89.52%	16.897%
10	11.079	1634	1639	1659	rBV	231665	293628	66.31%	12.516%
11	12.018	1788	1793	1807	rBV	261653	331270	74.81%	14.121%
12	12.219	1822	1826	1836	rBV3	7716	13591	3.07%	0.579%
13	15.670	2386	2392	2400	rBV5	2815	6306	1.42%	0.269%

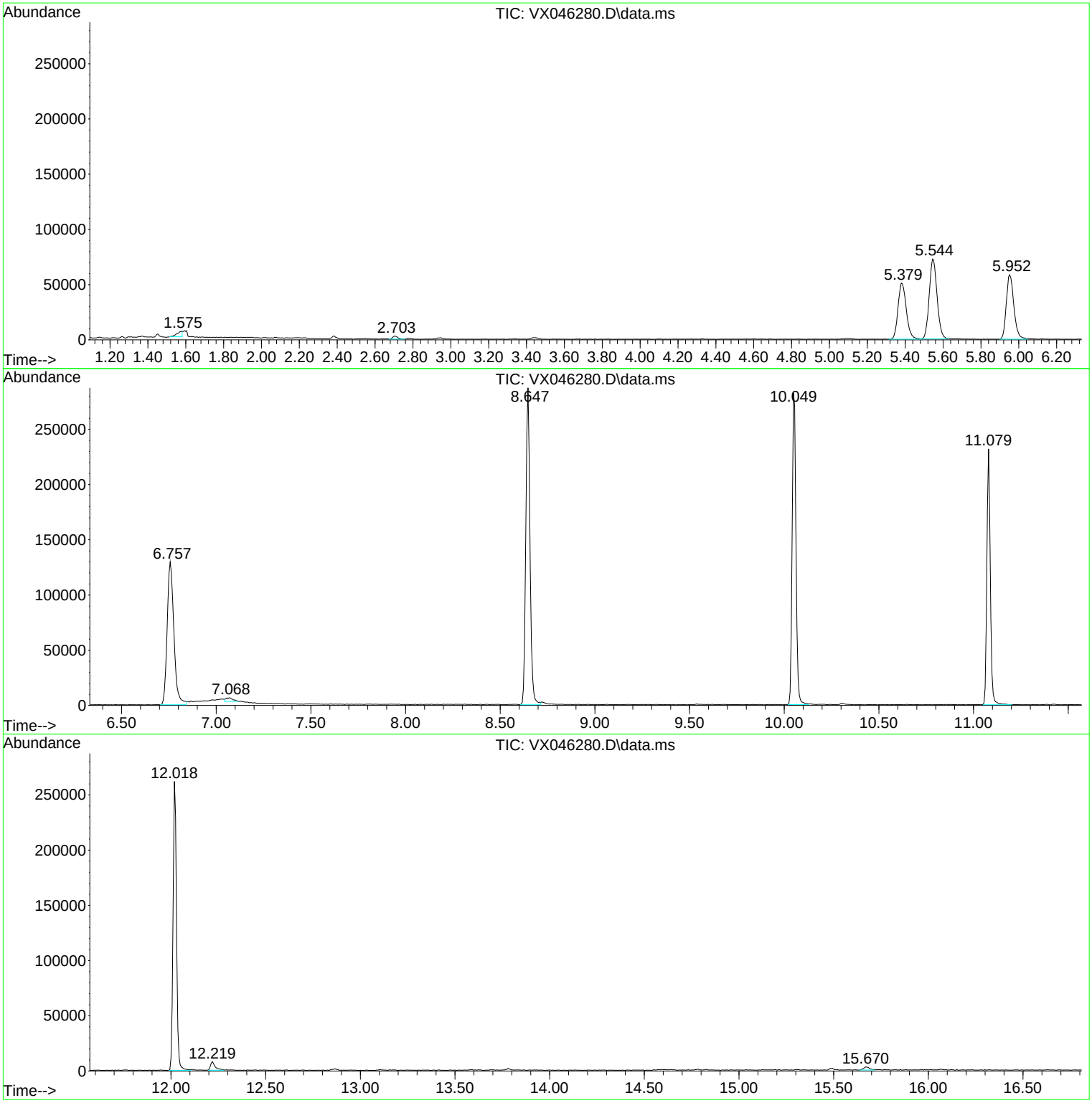
Sum of corrected areas: 2346008

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046280.D
Acq On : 19 May 2025 20:06
Operator : JC/MD
Sample : Q2073-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW1

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046280.D
Acq On : 19 May 2025 20:06
Operator : JC/MD
Sample : Q2073-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW1

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

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046280.D
Acq On : 19 May 2025 20:06
Operator : JC/MD
Sample : Q2073-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW1

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046281.D
Acq On : 19 May 2025 20:29
Operator : JC/MD
Sample : Q2073-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW2

Quant Time: May 19 23:19:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

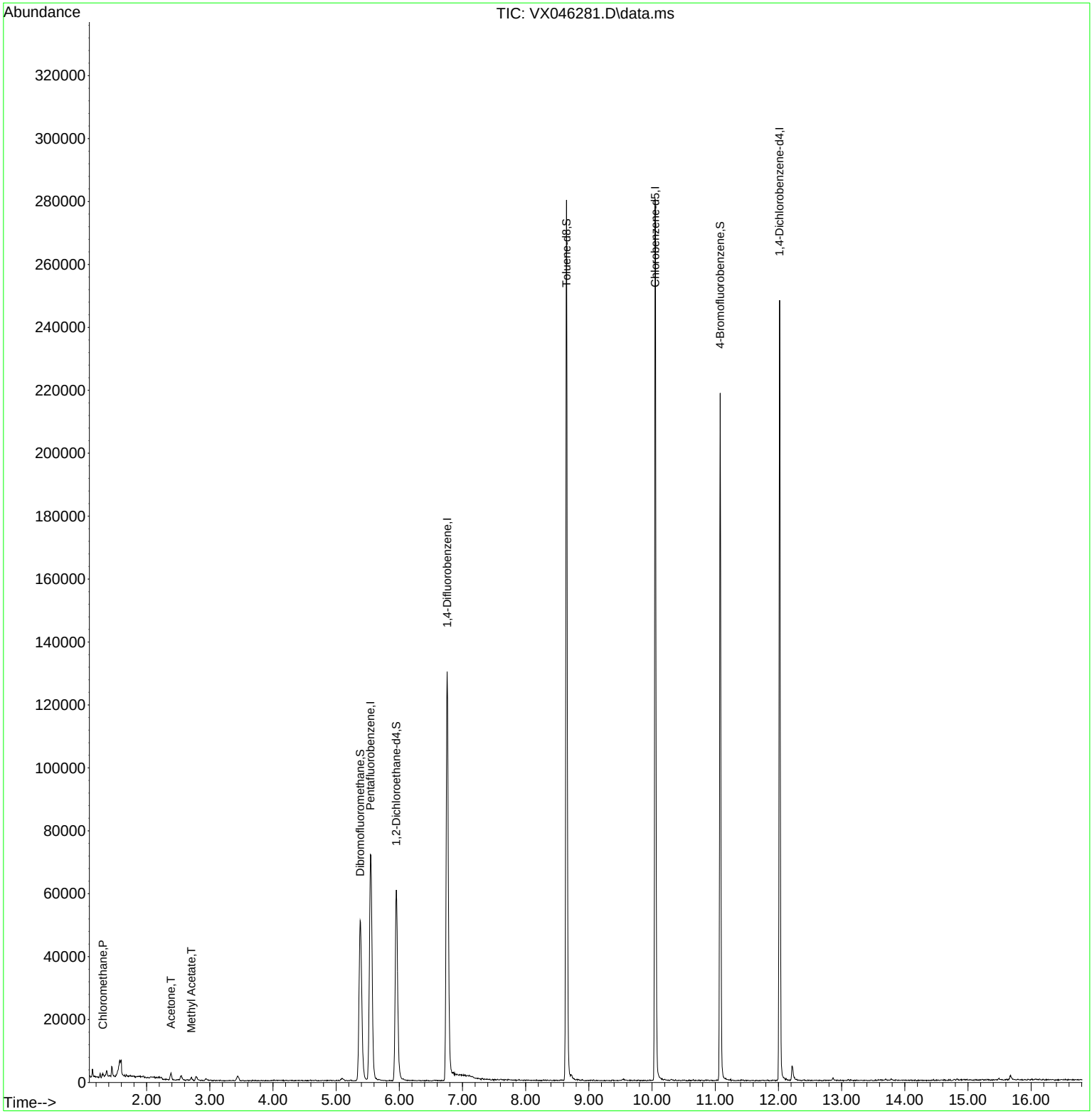
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	61746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	113628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	45883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62475	54.272	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.540%			
35) Dibromofluoromethane	5.379	113	45215	50.132	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.260%			
50) Toluene-d8	8.647	98	155594	49.843	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.680%			
62) 4-Bromofluorobenzene	11.079	95	58373	48.748	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.500%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	1006	1.098	ug/l	95
16) Acetone	2.386	43	2378	5.152	ug/l	94
18) Methyl Acetate	2.709	43	1455	1.358	ug/l #	80

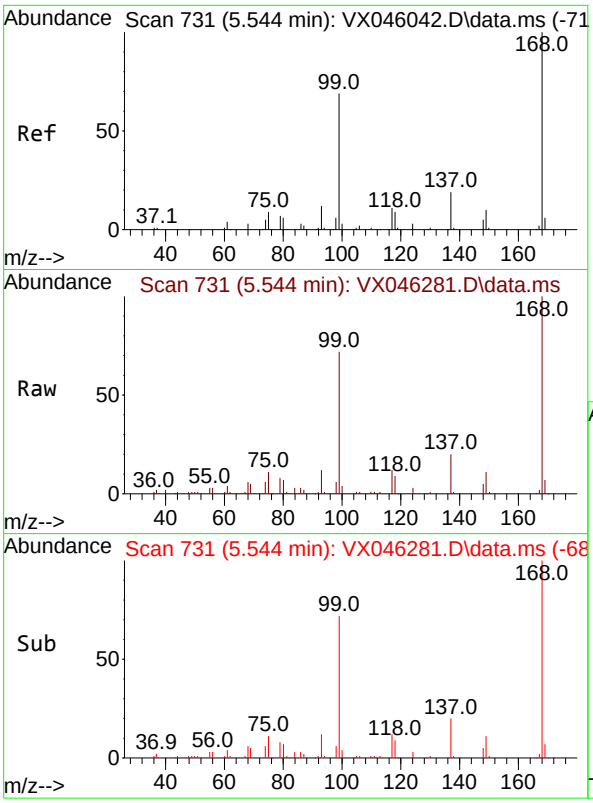
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046281.D
Acq On : 19 May 2025 20:29
Operator : JC/MD
Sample : Q2073-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW2

Quant Time: May 19 23:19:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



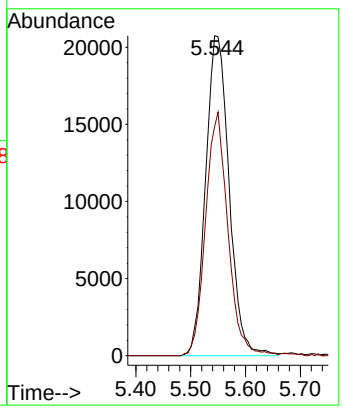


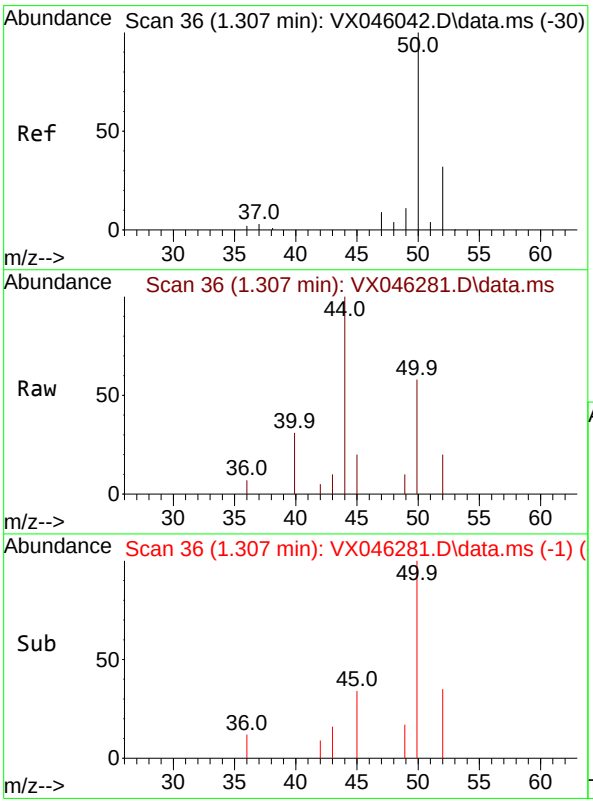
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Instrument :
MSVOA_X
ClientSampleId :
GDW2

Tgt Ion:168 Resp: 61746

Ion	Ratio	Lower	Upper
168	100		
99	71.6	54.9	82.3

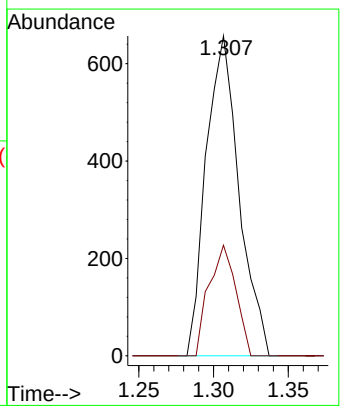




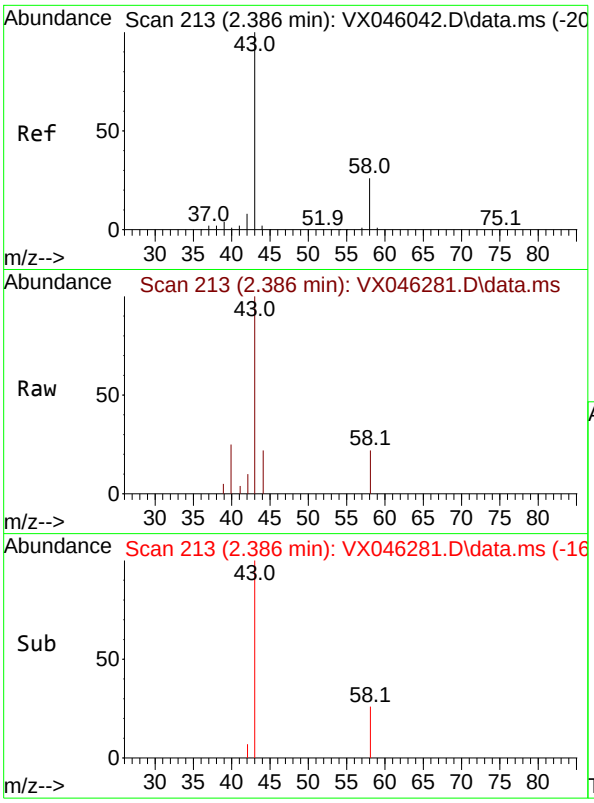
#3
Chloromethane
Concen: 1.098 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Tgt Ion: 50 Resp: 1006

Ion	Ratio	Lower	Upper
50	100		
52	34.6	25.4	38.2



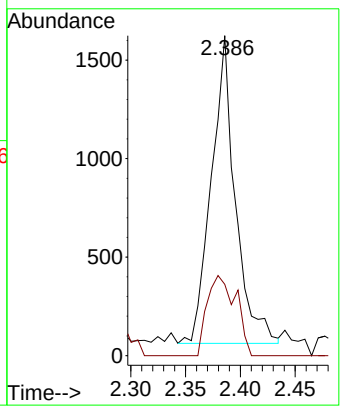
Instrument :
MSVOA_X
ClientSampleId :
GDW2

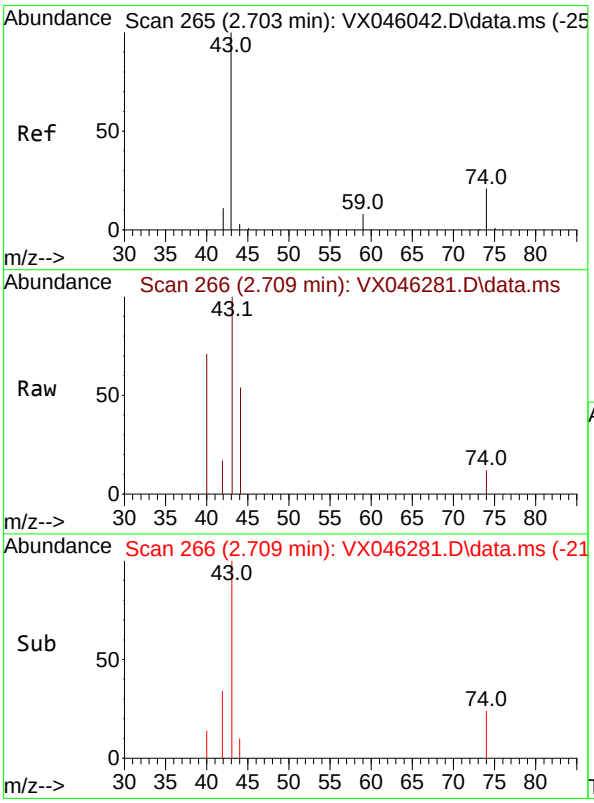


#16
Acetone
Concen: 5.152 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Tgt Ion: 43 Resp: 2378

Ion	Ratio	Lower	Upper
43	100		
58	23.2	21.2	31.8

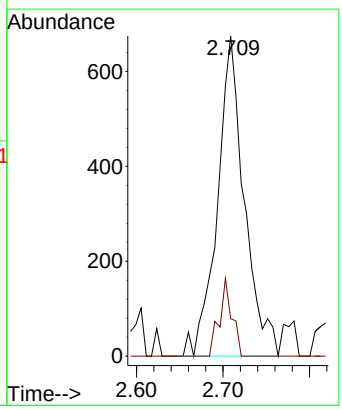


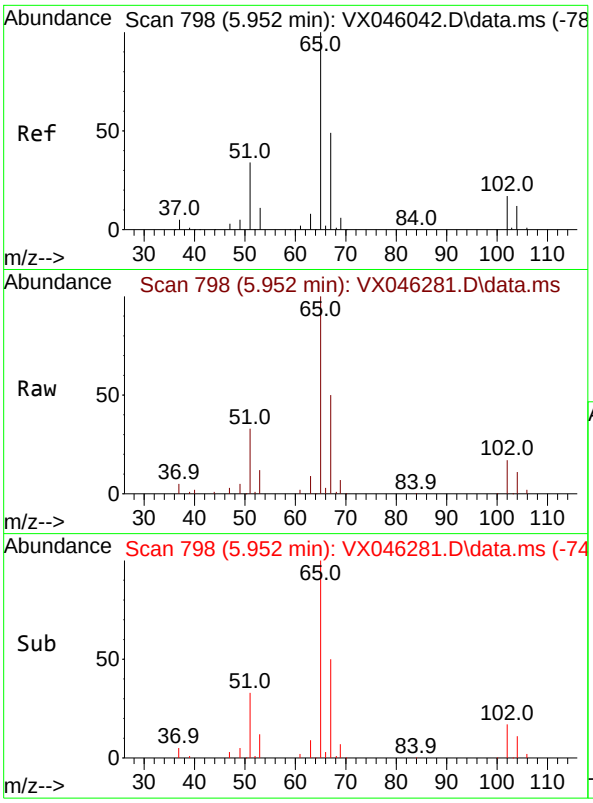


#18
Methyl Acetate
Concen: 1.358 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Tgt Ion: 43 Resp: 1455

Ion	Ratio	Lower	Upper
43	100		
74	11.3	16.7	25.1#



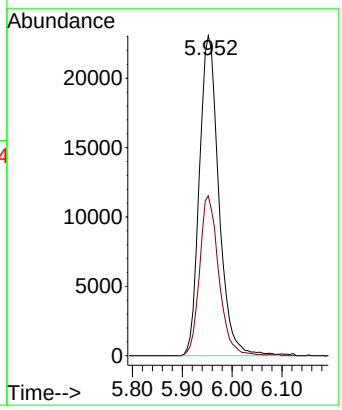


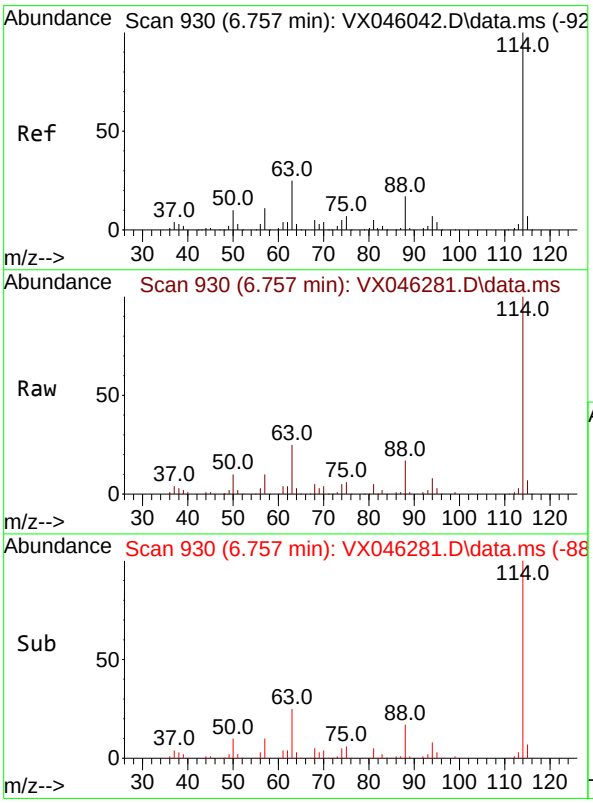
#33
1,2-Dichloroethane-d4
Concen: 54.272 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Instrument :
MSVOA_X
ClientSampleId :
GDW2

Tgt Ion: 65 Resp: 62475

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	99.0

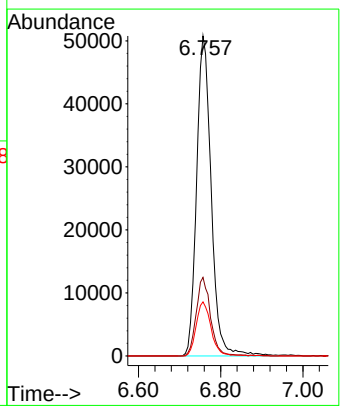


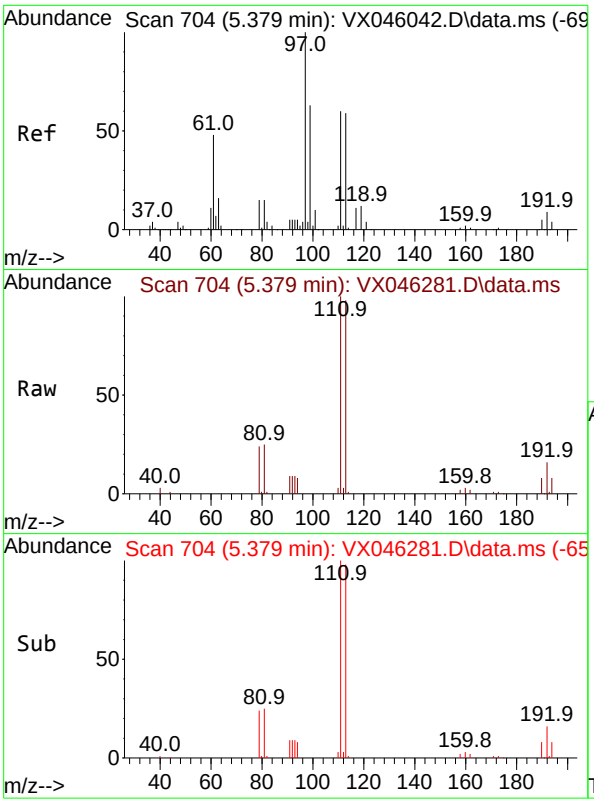


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Tgt Ion:114 Resp: 125249

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	49.2
88	16.9	0.0	33.6



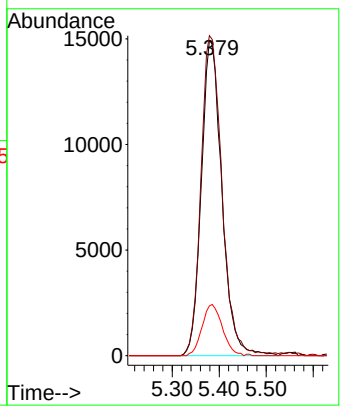


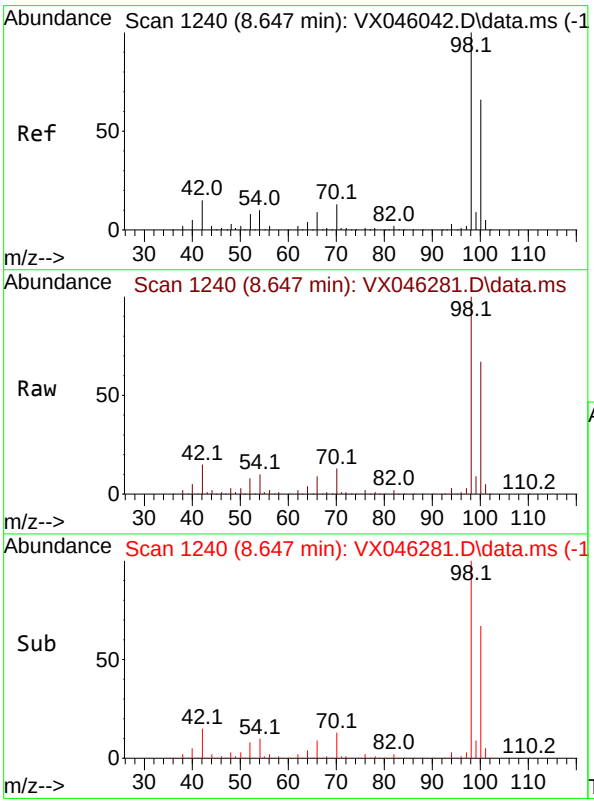
#35
Dibromofluoromethane
Concen: 50.132 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Instrument :
MSVOA_X
ClientSampleId :
GDW2

Tgt Ion:113 Resp: 45215

Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.1	124.7
192	16.1	13.3	19.9

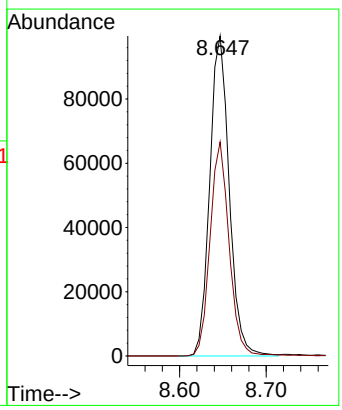




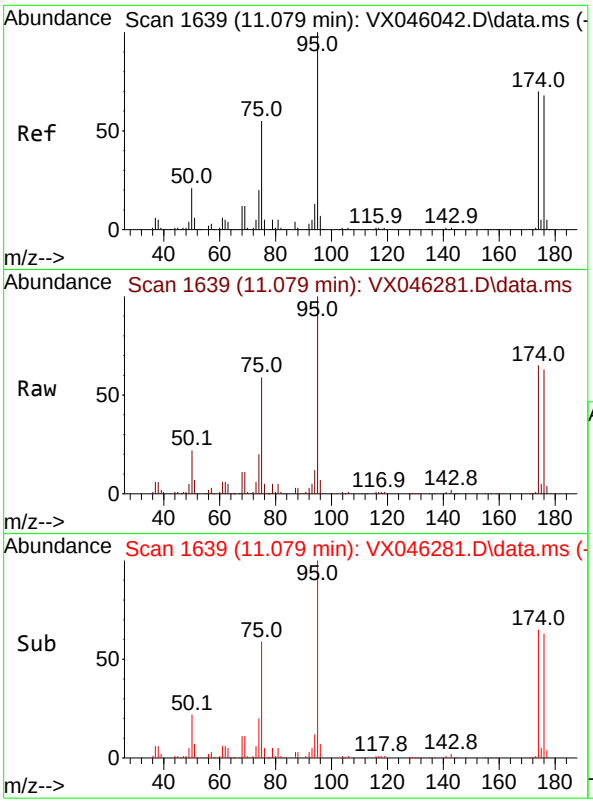
#50
Toluene-d8
Concen: 49.843 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Tgt Ion: 98 Resp: 155594

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.5	80.3



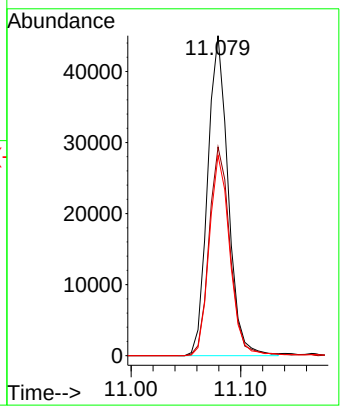
Instrument :
MSVOA_X
ClientSampleId :
GDW2

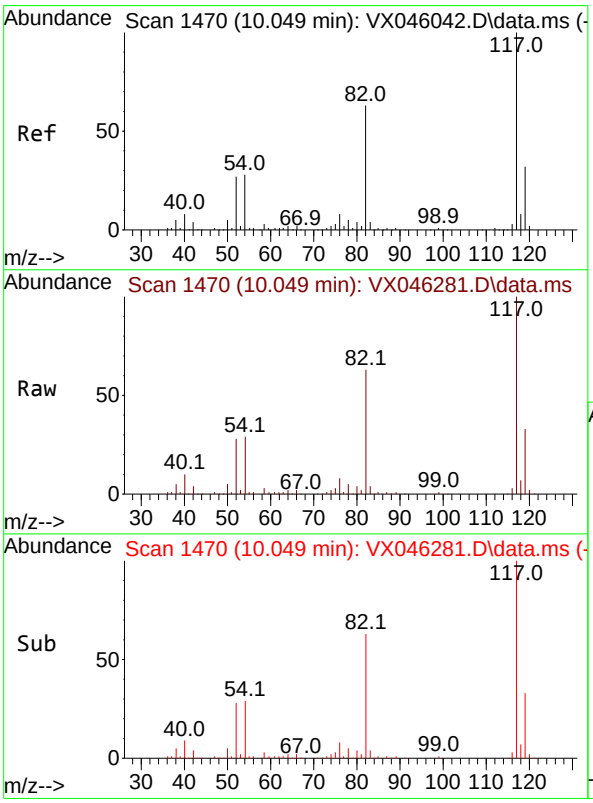


#62
4-Bromofluorobenzene
Concen: 48.748 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Tgt Ion: 95 Resp: 58373

Ion	Ratio	Lower	Upper
95	100		
174	67.0	0.0	135.8
176	63.2	0.0	131.4

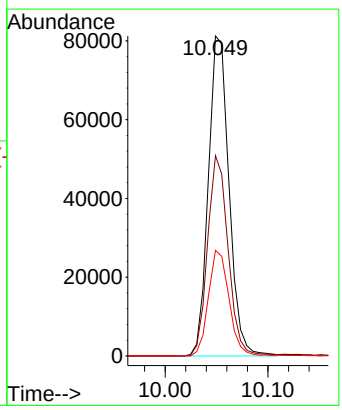


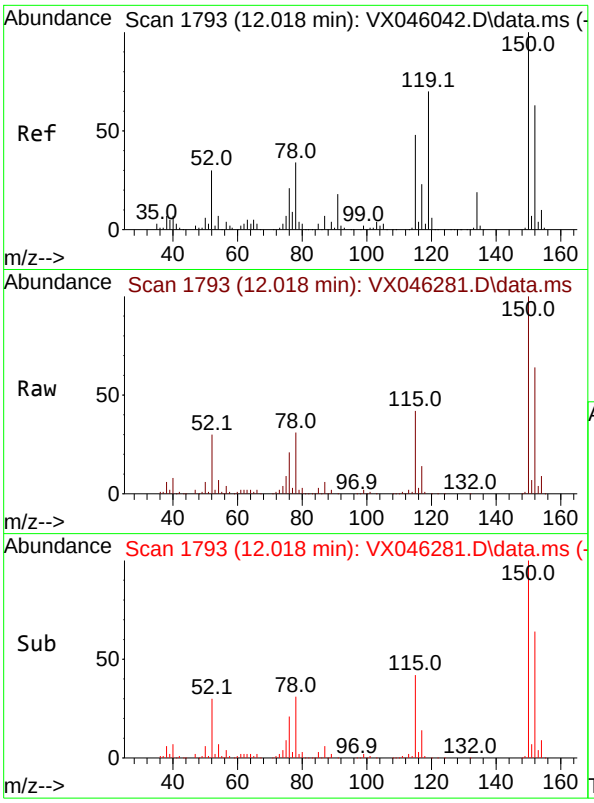


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Tgt Ion:117 Resp: 113628

Ion	Ratio	Lower	Upper
117	100		
82	62.6	50.6	76.0
119	33.0	25.8	38.6



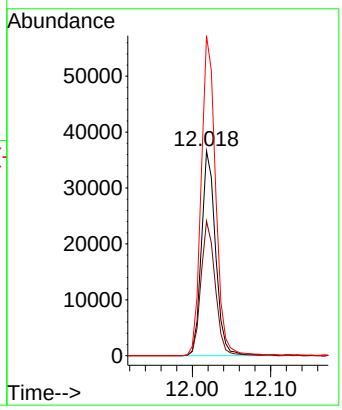


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Instrument :
MSVOA_X
ClientSampleId :
GDW2

Tgt Ion:152 Resp: 45883

Ion	Ratio	Lower	Upper
152	100		
115	66.3	46.9	140.7
150	159.9	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046281.D
Acq On : 19 May 2025 20:29
Operator : JC/MD
Sample : Q2073-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW2

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

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

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

Signal : TIC: VX046281.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.575	69	80	81	rBV5	5212	10979	2.51%	0.480%
2	5.379	693	704	720	rBV	50868	153216	34.99%	6.694%
3	5.544	722	731	745	rVV2	71389	205979	47.04%	8.999%
4	5.952	788	798	814	rBV	60732	162871	37.20%	7.116%
5	6.757	921	930	943	rBV	130019	318648	72.77%	13.922%
6	8.647	1232	1240	1250	rBV	279893	437863	100.00%	19.130%
7	10.049	1465	1470	1487	rBV	280096	390775	89.25%	17.073%
8	11.079	1634	1639	1652	rBV	218484	284311	64.93%	12.422%
9	12.018	1788	1793	1806	rBV	247776	314680	71.87%	13.748%
10	12.219	1820	1826	1835	rBV3	4650	9540	2.18%	0.417%

Sum of corrected areas: 2288862

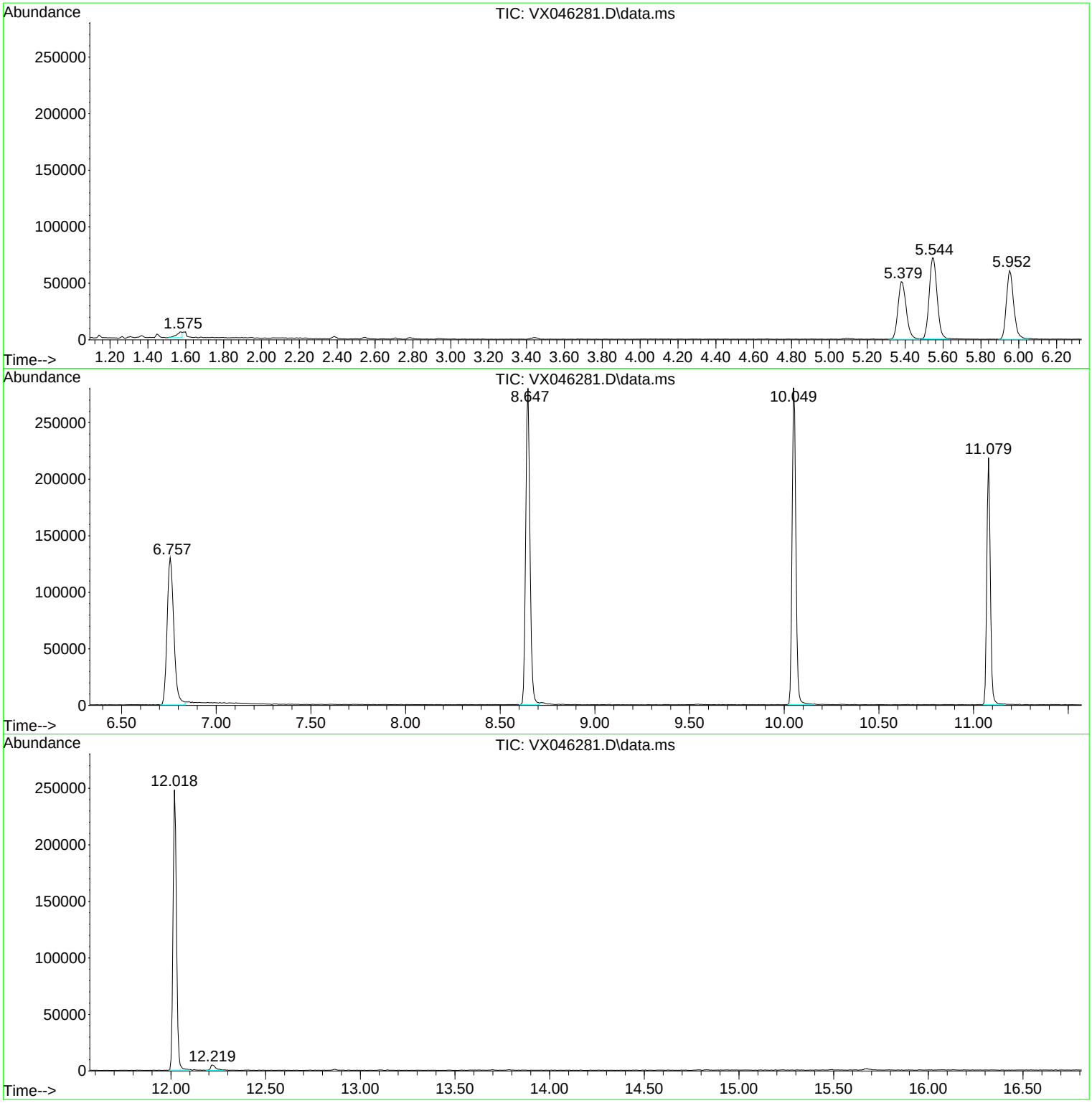
Sample Results: **VX046281.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046281.D
Acq On : 19 May 2025 20:29
Operator : JC/MD
Sample : Q2073-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW2

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046281.D
Acq On : 19 May 2025 20:29
Operator : JC/MD
Sample : Q2073-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW2

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

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046281.D
Acq On : 19 May 2025 20:29
Operator : JC/MD
Sample : Q2073-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW2

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046257.D
Acq On : 19 May 2025 11:02
Operator : JC/MD
Sample : VX0519WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

Quant Time: May 19 23:06:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	62503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124684	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63090	54.143	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.280%			
35) Dibromofluoromethane	5.385	113	46152	51.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	8.647	98	156579	50.386	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.780%			
62) 4-Bromofluorobenzene	11.079	95	59083	49.565	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.120%			

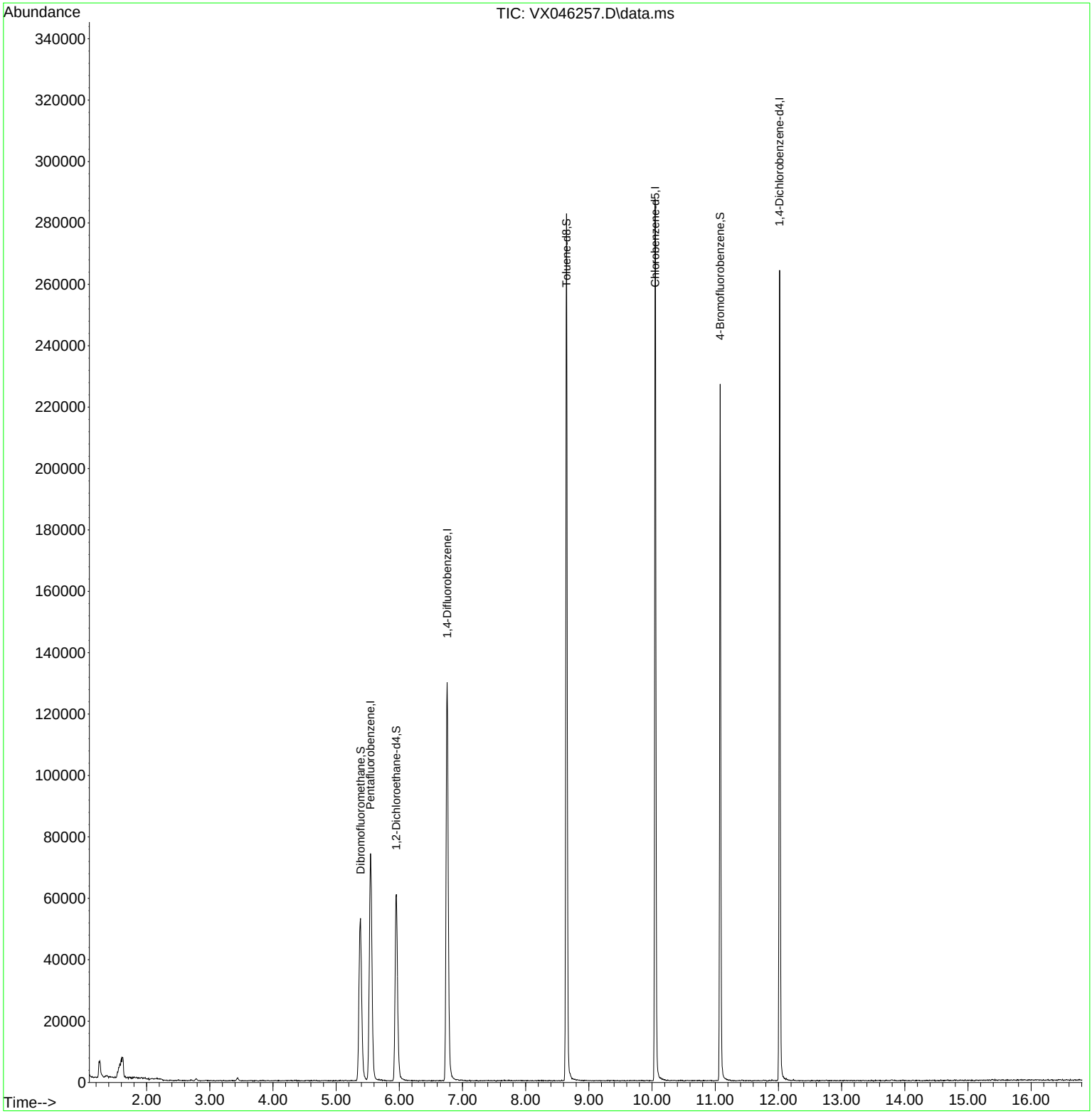
Target Compounds Qvalue

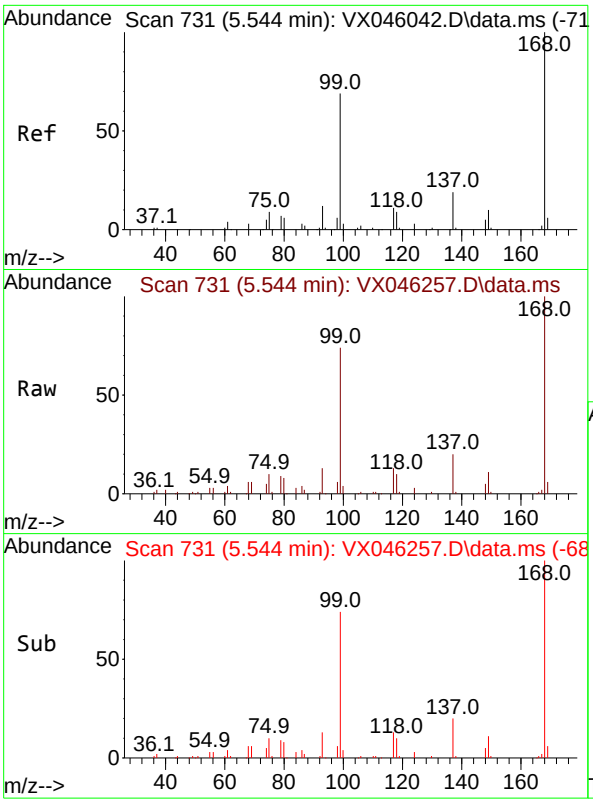
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046257.D
Acq On : 19 May 2025 11:02
Operator : JC/MD
Sample : VX0519WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

Quant Time: May 19 23:06:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



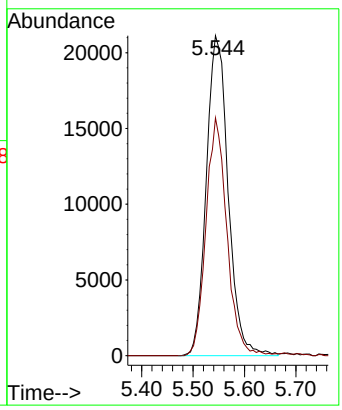


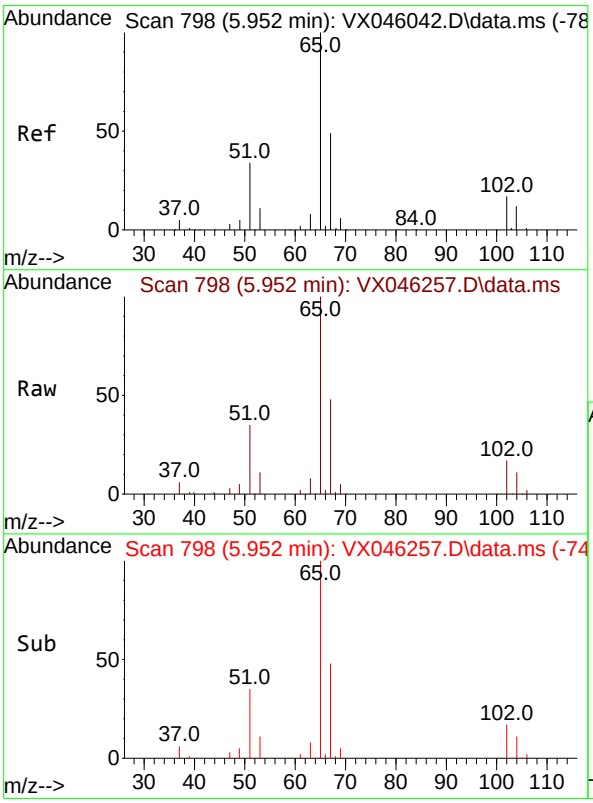
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046257.D
Acq: 19 May 2025 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

Tgt Ion:168 Resp: 62503

Ion	Ratio	Lower	Upper
168	100		
99	74.3	54.9	82.3

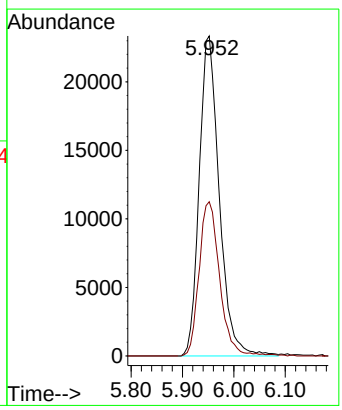


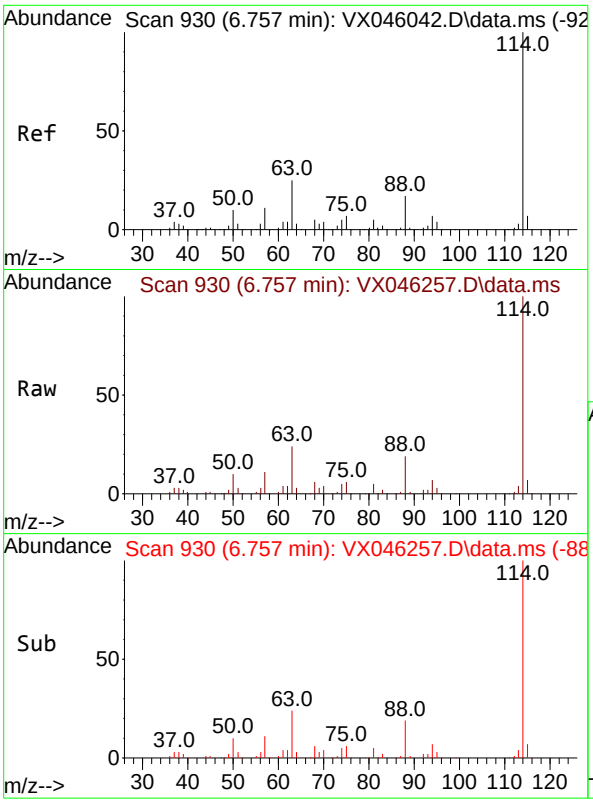


#33
1,2-Dichloroethane-d4
Concen: 54.143 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046257.D
Acq: 19 May 2025 11:02

Tgt Ion: 65 Resp: 63090

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.0



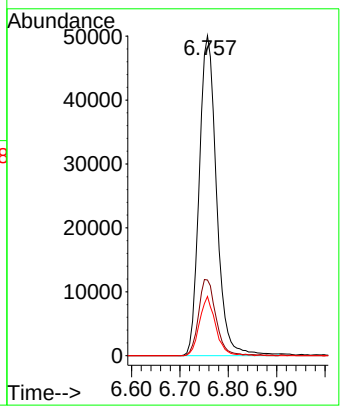


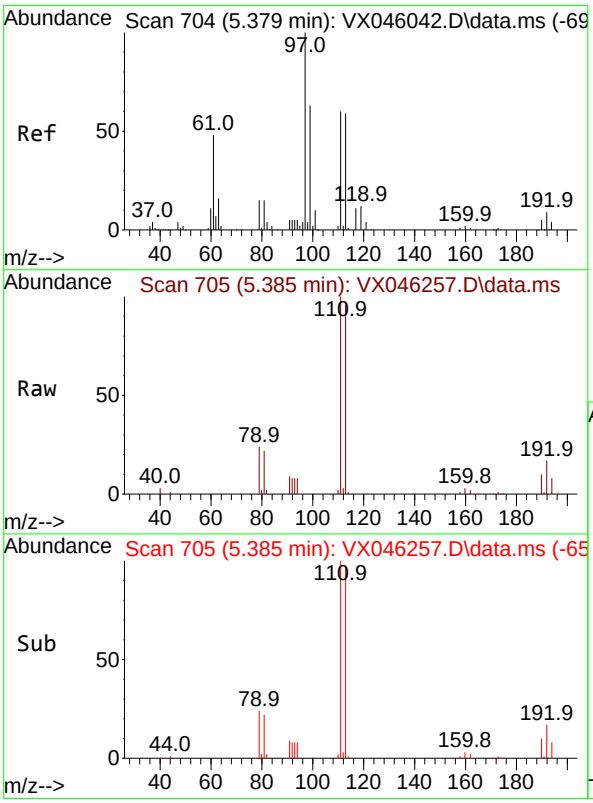
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046257.D
Acq: 19 May 2025 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

Tgt Ion:114 Resp: 124684

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	49.2
88	18.5	0.0	33.6

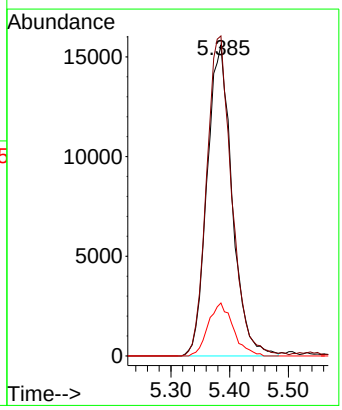


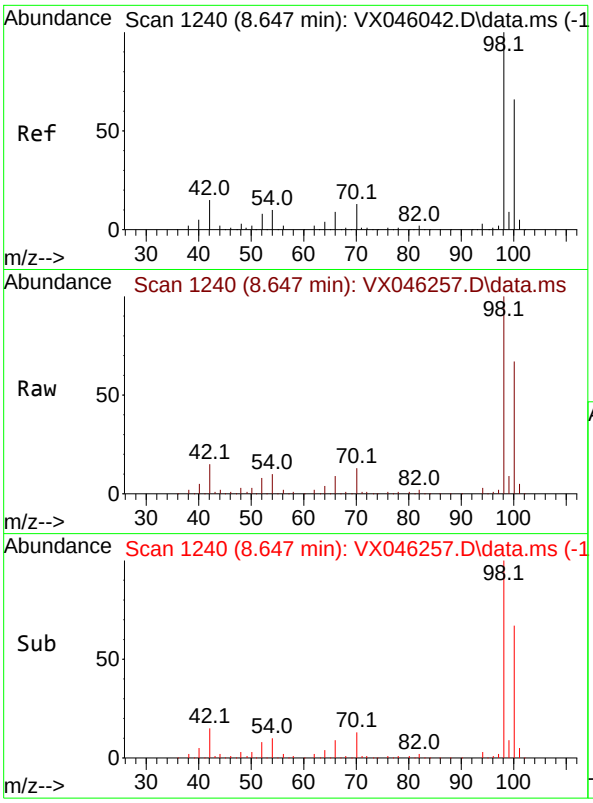


#35
Dibromofluoromethane
Concen: 51.402 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046257.D
Acq: 19 May 2025 11:02

Tgt Ion:113 Resp: 46152

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.1	124.7
192	17.0	13.3	19.9



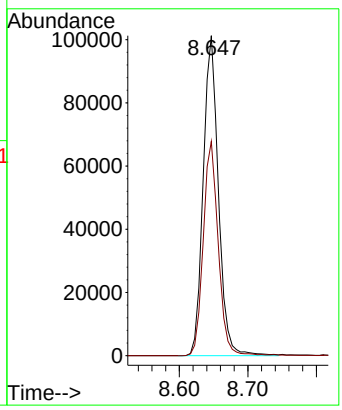


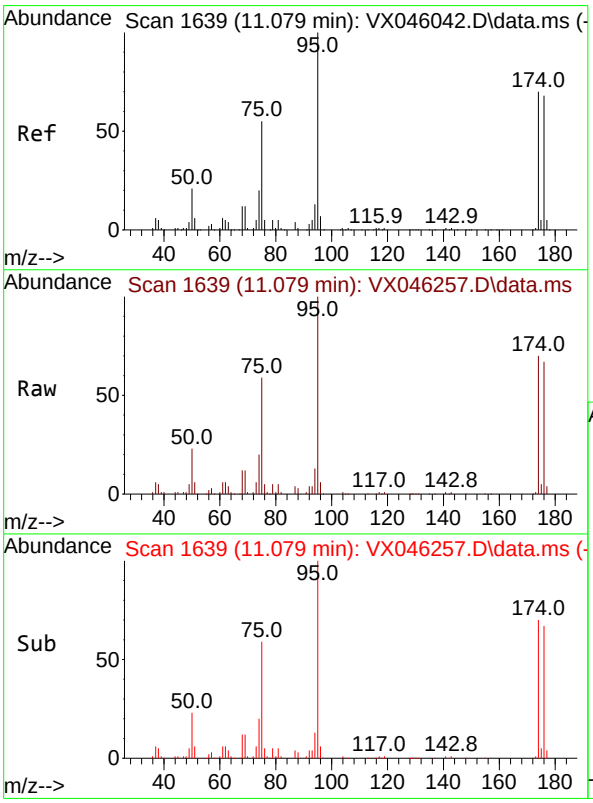
#50
Toluene-d8
Concen: 50.386 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046257.D
Acq: 19 May 2025 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

Tgt Ion: 98 Resp: 156579

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.5	80.3

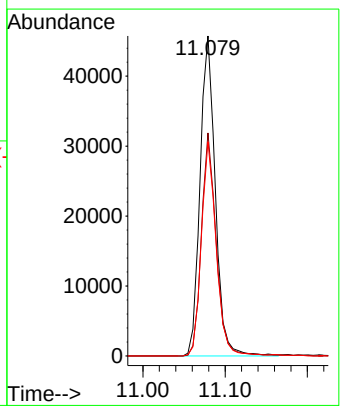




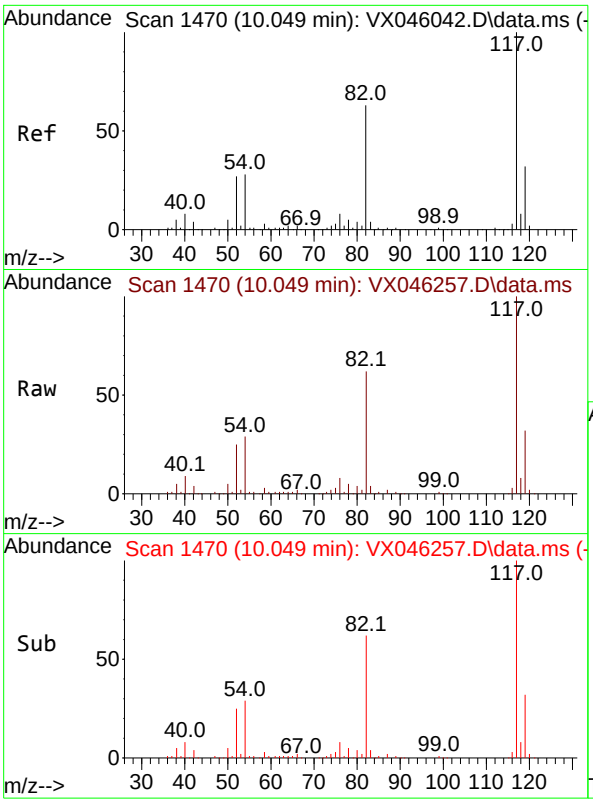
#62
4-Bromofluorobenzene
Concen: 49.565 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046257.D
Acq: 19 May 2025 11:02

Tgt Ion: 95 Resp: 59083

Ion	Ratio	Lower	Upper
95	100		
174	67.5	0.0	135.8
176	64.9	0.0	131.4



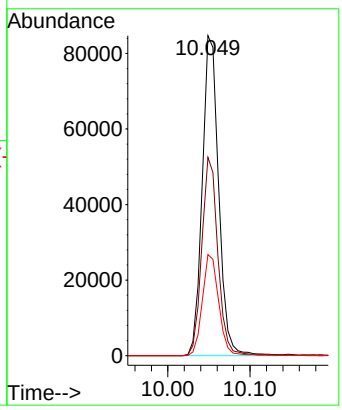
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

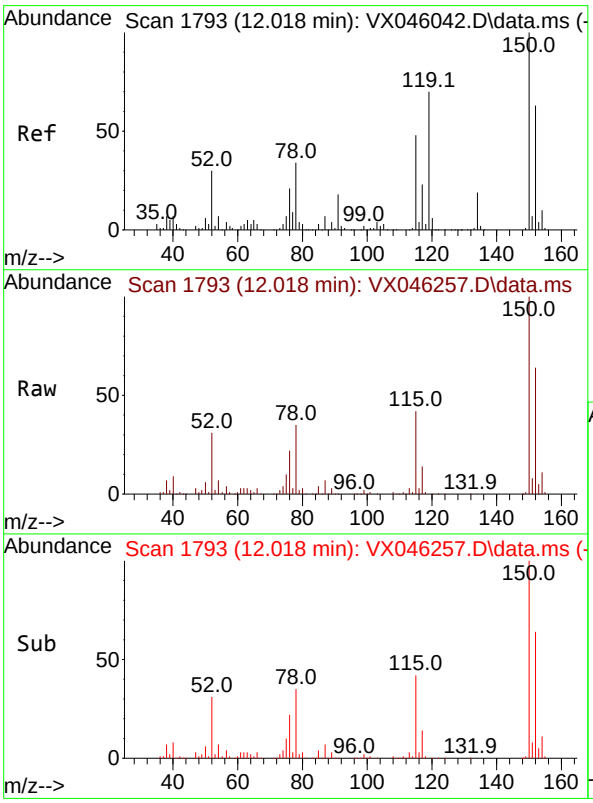


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046257.D
Acq: 19 May 2025 11:02

Tgt Ion:117 Resp: 117918

Ion	Ratio	Lower	Upper
117	100		
82	62.0	50.6	76.0
119	31.6	25.8	38.6

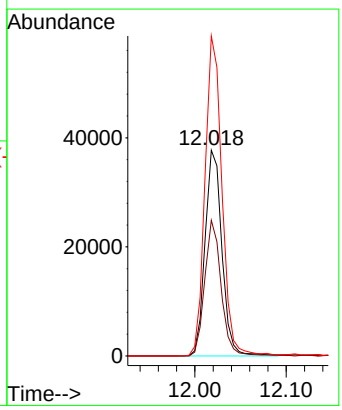




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046257.D
Acq: 19 May 2025 11:02

Tgt Ion:152 Resp: 48295

Ion	Ratio	Lower	Upper
152	100		
115	64.3	46.9	140.7
150	156.2	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046257.D
Acq On : 19 May 2025 11:02
Operator : JC/MD
Sample : VX0519WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

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

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

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

Signal : TIC: VX046257.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.258	23	28	38	rBV2	5281	11818	2.69%	0.506%
2	1.575	71	80	81	rBV2	4413	9560	2.18%	0.410%
3	1.611	85	86	93	rVB4	6517	10154	2.31%	0.435%
4	5.385	693	705	721	rBV	52968	157953	35.98%	6.768%
5	5.544	721	731	751	rVB	73875	210790	48.02%	9.031%
6	5.952	788	798	814	rBV	60739	165458	37.69%	7.089%
7	6.757	921	930	945	rBV	129851	316599	72.12%	13.565%
8	8.647	1233	1240	1254	rBV	282503	438960	100.00%	18.807%
9	10.049	1465	1470	1485	rBV	287220	396808	90.40%	17.001%
10	11.079	1634	1639	1652	rBV	226830	288494	65.72%	12.361%
11	12.018	1788	1793	1806	rBV	263994	327397	74.58%	14.027%

Sum of corrected areas: 2333991

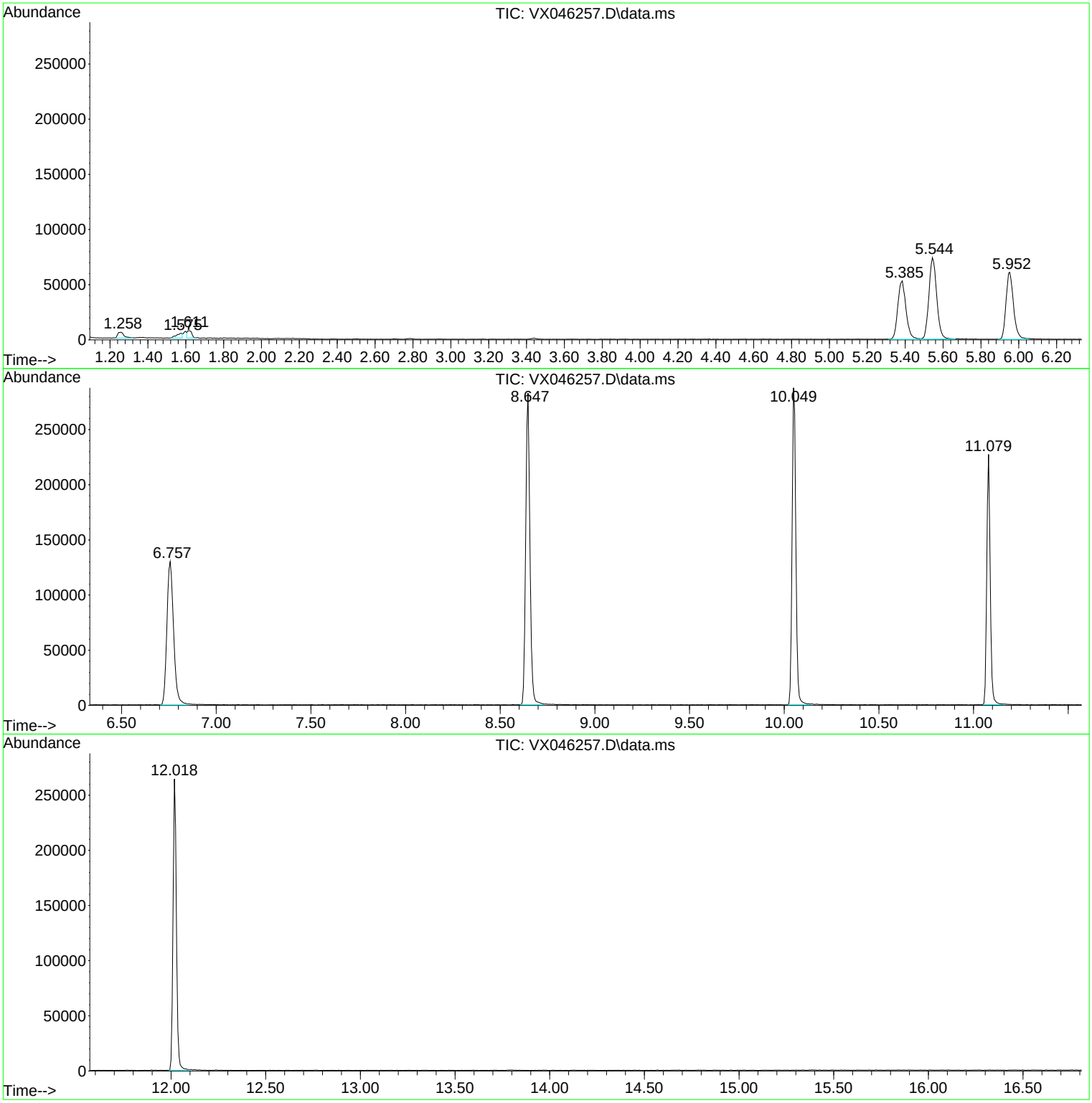
Sample Results: **VX046257.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046257.D
Acq On : 19 May 2025 11:02
Operator : JC/MD
Sample : VX0519WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046257.D
Acq On : 19 May 2025 11:02
Operator : JC/MD
Sample : VX0519WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

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

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046257.D
Acq On : 19 May 2025 11:02
Operator : JC/MD
Sample : VX0519WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046258.D
Acq On : 19 May 2025 11:25
Operator : JC/MD
Sample : VX0519WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 19 23:06:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Manual Integrations APPROVED
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	91585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	158835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	142753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88116	51.607	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.220%			
35) Dibromofluoromethane	5.385	113	60766	53.127	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.260%			
50) Toluene-d8	8.647	98	204172	51.575	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.140%			
62) 4-Bromofluorobenzene	11.079	95	78102	51.433	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	26163	18.664	ug/l	97
3) Chloromethane	1.307	50	24022	17.672	ug/l	99
4) Vinyl Chloride	1.374	62	21728	17.174	ug/l	99
5) Bromomethane	1.599	94	10888	18.555	ug/l	99
6) Chloroethane	1.672	64	13012	19.266	ug/l	99
7) Trichlorofluoromethane	1.880	101	35167	18.808	ug/l	96
8) Diethyl Ether	2.136	74	11436	17.967	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	21986	19.001	ug/l	98
10) Methyl Iodide	2.447	142	22257	16.256	ug/l	99
11) Tert butyl alcohol	2.971	59	23079	96.294	ug/l	100
12) 1,1-Dichloroethene	2.312	96	19928	18.350	ug/l	99
13) Acrolein	2.239	56	21625	79.227	ug/l	99
14) Allyl chloride	2.660	41	39571	19.066	ug/l	97
15) Acrylonitrile	3.062	53	68193	99.504	ug/l	99
16) Acetone	2.386	43	65401	95.531	ug/l	100
17) Carbon Disulfide	2.508	76	40417	15.698	ug/l	98
18) Methyl Acetate	2.703	43	35904	22.601	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	72372	19.009	ug/l	98
20) Methylene Chloride	2.782	84	23718	18.079	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	19873	18.197	ug/l	99
22) Diisopropyl ether	3.757	45	77609	19.358	ug/l	89
23) Vinyl Acetate	3.721	43	330626	93.764	ug/l	99
24) 1,1-Dichloroethane	3.605	63	43022	19.267	ug/l	98
25) 2-Butanone	4.556	43	98037	98.639	ug/l	98
26) 2,2-Dichloropropane	4.471	77	32249	18.451	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	24145	18.365	ug/l	98
28) Bromochloromethane	4.897	49	23030	21.426	ug/l	96
29) Tetrahydrofuran	5.007	42	61341	98.492	ug/l	99
30) Chloroform	5.086	83	45790	19.674	ug/l	97
31) Cyclohexane	5.458	56	36164	17.773	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	38499	19.082	ug/l	99
36) 1,1-Dichloropropene	5.690	75	27229	17.718	ug/l	97
37) Ethyl Acetate	4.714	43	35800	18.855	ug/l	99
38) Carbon Tetrachloride	5.672	117	32935	19.074	ug/l	96
39) Methylcyclohexane	7.372	83	34876	17.628	ug/l	96
40) Benzene	6.031	78	85691	19.037	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046258.D
Acq On : 19 May 2025 11:25
Operator : JC/MD
Sample : VX0519WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 19 23:06:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	19793	19.928	ug/l		97
42) 1,2-Dichloroethane	6.080	62	38460	19.797	ug/l		100
43) Isopropyl Acetate	6.342	43	56874	19.635	ug/l		98
44) Trichloroethene	7.123	130	19711	18.194	ug/l		90
45) 1,2-Dichloropropane	7.427	63	22322	19.943	ug/l		98
46) Dibromomethane	7.580	93	17167	19.446	ug/l		98
47) Bromodichloromethane	7.818	83	34706	19.960	ug/l		96
48) Methyl methacrylate	7.690	41	29632	20.031	ug/l		98
49) 1,4-Dioxane	7.659	88	11445	407.470	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	192103	99.913	ug/l		99
52) Toluene	8.714	92	53924	19.536	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	28589	18.499	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	32448	18.996	ug/l		94
55) 1,1,2-Trichloroethane	9.147	97	22179	20.379	ug/l		96
56) Ethyl methacrylate	9.116	69	33552	19.343	ug/l		98
57) 1,3-Dichloropropane	9.305	76	38236	19.562	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	82645	93.456	ug/l		100
59) 2-Hexanone	9.427	43	143585	100.940	ug/l		99
60) Dibromochloromethane	9.518	129	23814	19.924	ug/l		100
61) 1,2-Dibromoethane	9.610	107	22227	19.649	ug/l		98
64) Tetrachloroethene	9.268	164	18066	17.886	ug/l		96
65) Chlorobenzene	10.073	112	57845	18.513	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	20506	19.220	ug/l		100
67) Ethyl Benzene	10.189	91	104062	18.894	ug/l		99
68) m/p-Xylenes	10.299	106	74816	37.141	ug/l		96
69) o-Xylene	10.640	106	37343	19.015	ug/l		97
70) Styrene	10.652	104	63479	19.732	ug/l		99
71) Bromoform	10.799	173	15204	18.981	ug/l	#	97
73) Isopropylbenzene	10.957	105	101409	19.477	ug/l		100
74) N-amyl acetate	10.841	43	48129	18.706	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35171	19.276	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	30324m	18.837	ug/l		
77) Bromobenzene	11.195	156	22145	18.320	ug/l		95
78) n-propylbenzene	11.299	91	113110	18.683	ug/l		100
79) 2-Chlorotoluene	11.360	91	72633	18.600	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	84589	19.446	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8340	16.867	ug/l		93
82) 4-Chlorotoluene	11.451	91	82807	19.122	ug/l		100
83) tert-Butylbenzene	11.713	119	85062	19.414	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	85052	19.308	ug/l		100
85) sec-Butylbenzene	11.890	105	102527	19.058	ug/l		99
86) p-Isopropyltoluene	12.006	119	84578	19.046	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	41388	18.761	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	40939	18.171	ug/l		96
89) n-Butylbenzene	12.329	91	70827	18.183	ug/l		99
90) Hexachloroethane	12.536	117	14388	18.391	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	42690	19.283	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7673	18.983	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	22616	17.786	ug/l		96
94) Hexachlorobutadiene	13.725	225	10164	18.303	ug/l		97
95) Naphthalene	13.774	128	79390	17.024	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	23795	18.136	ug/l		95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046258.D
Acq On : 19 May 2025 11:25
Operator : JC/MD
Sample : VX0519WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 19 23:06:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

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

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

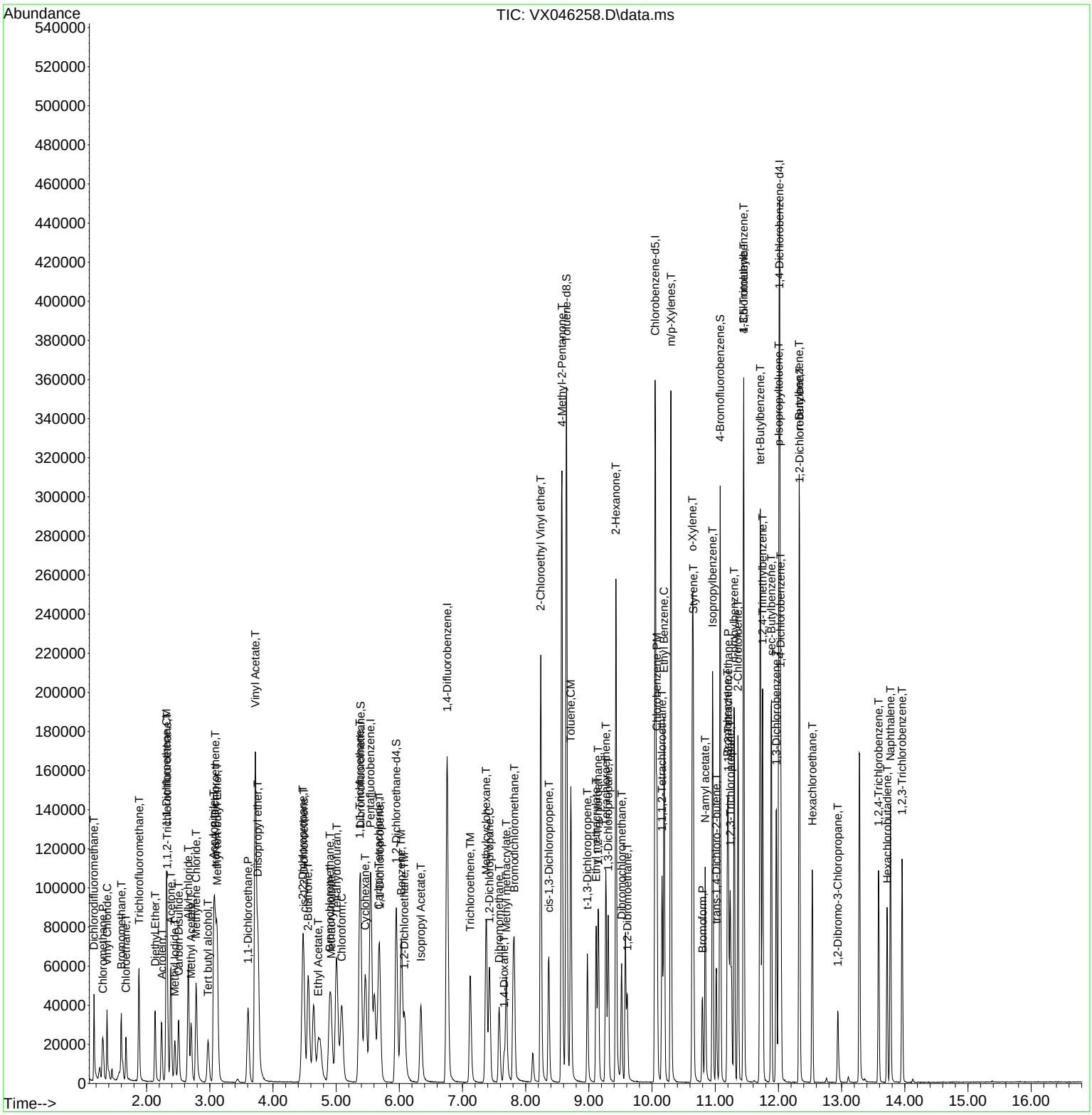
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046258.D
Acq On : 19 May 2025 11:25
Operator : JC/MD
Sample : VX0519WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 19 23:06:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046259.D
Acq On : 19 May 2025 11:53
Operator : JC/MD
Sample : VX0519WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 19 23:07:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01

Manual Integrations APPROVED
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	87263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150978	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84643	52.028	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.060%			
35) Dibromofluoromethane	5.379	113	57543	52.928	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.860%			
50) Toluene-d8	8.647	98	193249	51.356	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.720%			
62) 4-Bromofluorobenzene	11.079	95	74331	51.497	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	24053	18.009	ug/l	96
3) Chloromethane	1.307	50	22394	17.290	ug/l	99
4) Vinyl Chloride	1.374	62	20162	16.726	ug/l	96
5) Bromomethane	1.593	94	9591	17.154	ug/l	100
6) Chloroethane	1.673	64	11432	17.765	ug/l	100
7) Trichlorofluoromethane	1.880	101	32823	18.424	ug/l	99
8) Diethyl Ether	2.136	74	11155	18.393	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	20365	18.472	ug/l	99
10) Methyl Iodide	2.447	142	21735	16.661	ug/l	99
11) Tert butyl alcohol	2.971	59	23837	104.382	ug/l	97
12) 1,1-Dichloroethene	2.313	96	18561	17.938	ug/l	99
13) Acrolein	2.233	56	20993	80.721	ug/l	100
14) Allyl chloride	2.654	41	37096	18.759	ug/l	97
15) Acrylonitrile	3.063	53	66231	101.428	ug/l	99
16) Acetone	2.380	43	64397	98.724	ug/l	99
17) Carbon Disulfide	2.502	76	36970	15.071	ug/l	97
18) Methyl Acetate	2.703	43	35356	23.358	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	70635	19.471	ug/l	95
20) Methylene Chloride	2.782	84	22283	17.826	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	18725	17.995	ug/l	95
22) Diisopropyl ether	3.758	45	75925	19.876	ug/l	93
23) Vinyl Acetate	3.721	43	324003	96.437	ug/l	99
24) 1,1-Dichloroethane	3.599	63	40455	19.014	ug/l	98
25) 2-Butanone	4.556	43	96498	101.899	ug/l	98
26) 2,2-Dichloropropane	4.465	77	29528	17.731	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	23862	19.049	ug/l	97
28) Bromochloromethane	4.891	49	21443	20.938	ug/l	99
29) Tetrahydrofuran	5.001	42	61012	102.816	ug/l	98
30) Chloroform	5.087	83	44217	19.939	ug/l	100
31) Cyclohexane	5.465	56	34187	17.633	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	36865	19.177	ug/l	99
36) 1,1-Dichloropropene	5.684	75	25897	17.728	ug/l	98
37) Ethyl Acetate	4.715	43	34382	19.051	ug/l	99
38) Carbon Tetrachloride	5.672	117	30875	18.811	ug/l	99
39) Methylcyclohexane	7.373	83	32313	17.182	ug/l	96
40) Benzene	6.032	78	81819	19.122	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046259.D
Acq On : 19 May 2025 11:53
Operator : JC/MD
Sample : VX0519WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 19 23:07:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	20373	21.579	ug/l		99
42) 1,2-Dichloroethane	6.080	62	37427	20.267	ug/l		99
43) Isopropyl Acetate	6.336	43	54907	19.942	ug/l		100
44) Trichloroethene	7.123	130	19111	18.558	ug/l		97
45) 1,2-Dichloropropane	7.428	63	19869	18.675	ug/l		98
46) Dibromomethane	7.580	93	16651	19.843	ug/l		100
47) Bromodichloromethane	7.818	83	32824	19.861	ug/l		99
48) Methyl methacrylate	7.690	41	29191	20.760	ug/l		95
49) 1,4-Dioxane	7.659	88	11265	421.933	ug/l		97
51) 4-Methyl-2-Pentanone	8.568	43	190473	104.221	ug/l		100
52) Toluene	8.714	92	50238	19.148	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	27640	18.815	ug/l		99
54) cis-1,3-Dichloropropene	8.360	75	31384	19.329	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	21003	20.302	ug/l		97
56) Ethyl methacrylate	9.116	69	32978	20.001	ug/l		98
57) 1,3-Dichloropropane	9.305	76	37223	20.035	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	81477	96.930	ug/l		98
59) 2-Hexanone	9.427	43	143472	106.109	ug/l		100
60) Dibromochloromethane	9.519	129	22336	19.660	ug/l		98
61) 1,2-Dibromoethane	9.604	107	21729	20.209	ug/l		98
64) Tetrachloroethene	9.269	164	17073	18.237	ug/l		90
65) Chlorobenzene	10.073	112	54256	18.735	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	19365	19.582	ug/l		99
67) Ethyl Benzene	10.189	91	96865	18.975	ug/l		99
68) m/p-Xylenes	10.299	106	71386	38.234	ug/l		97
69) o-Xylene	10.640	106	34722	19.075	ug/l		95
70) Styrene	10.653	104	59040	19.800	ug/l		99
71) Bromoform	10.799	173	14287	19.243	ug/l	#	96
73) Isopropylbenzene	10.957	105	94808	19.152	ug/l		100
74) N-amyl acetate	10.842	43	47522	19.427	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	33849	19.512	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	29880m	19.523	ug/l		
77) Bromobenzene	11.195	156	22274	19.381	ug/l		97
78) n-propylbenzene	11.299	91	110079	19.125	ug/l		99
79) 2-Chlorotoluene	11.360	91	69282	18.661	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	79492	19.221	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	7819	16.632	ug/l		88
82) 4-Chlorotoluene	11.451	91	79386	19.282	ug/l		100
83) tert-Butylbenzene	11.713	119	78714	18.896	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	81650	19.496	ug/l		98
85) sec-Butylbenzene	11.890	105	98747	19.306	ug/l		100
86) p-Isopropyltoluene	12.006	119	81895	19.398	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	39428	18.798	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	40234	18.783	ug/l		98
89) n-Butylbenzene	12.329	91	69047	18.645	ug/l		99
90) Hexachloroethane	12.536	117	14001	18.824	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	41580	19.755	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7677	19.976	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	22494	18.607	ug/l		97
94) Hexachlorobutadiene	13.719	225	10367	19.635	ug/l		98
95) Naphthalene	13.774	128	81954	18.484	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	24173	19.379	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046259.D
Acq On : 19 May 2025 11:53
Operator : JC/MD
Sample : VX0519WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 19 23:07:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

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

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

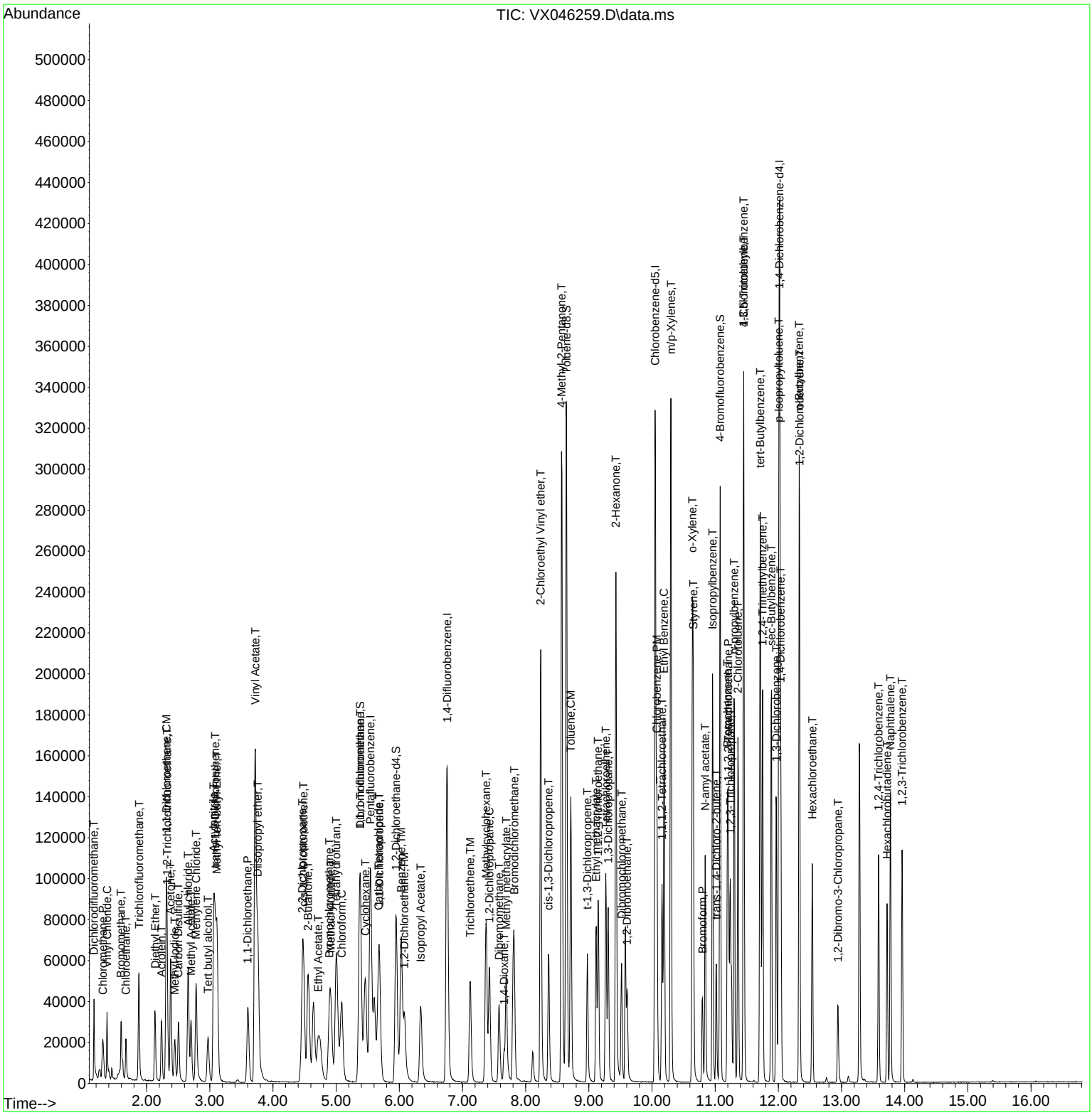
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046259.D
Acq On : 19 May 2025 11:53
Operator : JC/MD
Sample : VX0519WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 19 23:07:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



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

Manual Integration Report

Sequence:	VX050525	Instrument	MSVOA_x

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

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

Manual Integration Report

Sequence:	VX050525	Instrument	MSVOA_x

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

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

Manual Integration Report

Sequence:	vx051925	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046255.D	1,2,3-Trichloropropane	JOHN	5/21/2025 9:53:07 AM	MMDadoda	5/21/2025 3:45:24 PM	Peak Integrated by Software
VX0519WBS01	VX046258.D	1,2,3-Trichloropropane	JOHN	5/21/2025 9:53:11 AM	MMDadoda	5/21/2025 3:45:27 PM	Peak Integrated by Software
VX0519WBSD01	VX046259.D	1,2,3-Trichloropropane	JOHN	5/21/2025 9:53:16 AM	MMDadoda	5/21/2025 3:45:32 PM	Peak Integrated by Software
VSTDCCC050	VX046282.D	1,2,3-Trichloropropane	JOHN	5/21/2025 9:54:11 AM	MMDadoda	5/21/2025 3:46:14 PM	Peak Integrated by Software

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050525

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

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

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

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX051925

Review By	John Carlone	Review On	5/21/2025 9:57:32 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/21/2025 3:46:34 PM		
SubDirectory	VX051925	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133957
Initial Calibration Stds	
CCC	VP133958,VP133959
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046254.D	19 May 2025 09:33	JC/MD	Ok
2	VSTDCCC050	VX046255.D	19 May 2025 10:05	JC/MD	Ok,M
3	VX0519MBL01	VX046256.D	19 May 2025 10:39	JC/MD	Ok
4	VX0519WBL01	VX046257.D	19 May 2025 11:02	JC/MD	Ok
5	VX0519WBS01	VX046258.D	19 May 2025 11:25	JC/MD	Ok,M
6	VX0519WBSD01	VX046259.D	19 May 2025 11:53	JC/MD	Ok,M
7	Q2053-11	VX046260.D	19 May 2025 12:17	JC/MD	Not Ok
8	Q2052-04	VX046261.D	19 May 2025 12:40	JC/MD	Ok
9	Q2057-04	VX046262.D	19 May 2025 13:03	JC/MD	Ok
10	Q2062-04	VX046263.D	19 May 2025 13:27	JC/MD	Ok
11	Q2062-08	VX046264.D	19 May 2025 13:50	JC/MD	Ok
12	Q2062-12	VX046265.D	19 May 2025 14:14	JC/MD	Ok
13	Q2062-16	VX046266.D	19 May 2025 14:37	JC/MD	Ok
14	Q2062-20	VX046267.D	19 May 2025 15:00	JC/MD	Ok
15	Q2062-24	VX046268.D	19 May 2025 15:24	JC/MD	Ok
16	Q2053-11	VX046269.D	19 May 2025 15:47	JC/MD	Ok,M
17	Q2053-01	VX046270.D	19 May 2025 16:11	JC/MD	Ok,M
18	Q2053-02	VX046271.D	19 May 2025 16:34	JC/MD	Ok,M
19	Q2053-03	VX046272.D	19 May 2025 16:58	JC/MD	Ok
20	Q2053-04	VX046273.D	19 May 2025 17:21	JC/MD	Ok
21	Q2053-05	VX046274.D	19 May 2025 17:45	JC/MD	Ok

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX051925

Review By	John Carlone	Review On	5/21/2025 9:57:32 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/21/2025 3:46:34 PM		
SubDirectory	VX051925	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133957
Initial Calibration Stds	
CCC	VP133958,VP133959
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2053-06	VX046275.D	19 May 2025 18:08	JC/MD	Ok,M
23	Q2053-07	VX046276.D	19 May 2025 18:32	JC/MD	Ok,M
24	Q2053-08	VX046277.D	19 May 2025 18:55	JC/MD	Ok,M
25	Q2053-09	VX046278.D	19 May 2025 19:19	JC/MD	Ok,M
26	Q2053-10	VX046279.D	19 May 2025 19:42	JC/MD	Ok,M
27	Q2073-01	VX046280.D	19 May 2025 20:06	JC/MD	Ok
28	Q2073-02	VX046281.D	19 May 2025 20:29	JC/MD	Ok
29	VSTDCCC050	VX046282.D	19 May 2025 20:52	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050525

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

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

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

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX051925

Review By	John Carlone	Review On	5/21/2025 9:57:32 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/21/2025 3:46:34 PM		
SubDirectory	VX051925	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133957
Initial Calibration Stds	
CCC	VP133958,VP133959
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	VX046254.D	19 May 2025 09:33		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046255.D	19 May 2025 10:05	pH#Lot#V12668	JC/MD	Ok,M
3	VX0519MBL01	VX0519MBL01	VX046256.D	19 May 2025 10:39		JC/MD	Ok
4	VX0519WBL01	VX0519WBL01	VX046257.D	19 May 2025 11:02		JC/MD	Ok
5	VX0519WBS01	VX0519WBS01	VX046258.D	19 May 2025 11:25		JC/MD	Ok,M
6	VX0519WBSD01	VX0519WBSD01	VX046259.D	19 May 2025 11:53		JC/MD	Ok,M
7	Q2053-11	SB-11	VX046260.D	19 May 2025 12:17	Need Straight Run	JC/MD	Not Ok
8	Q2052-04	TP-B	VX046261.D	19 May 2025 12:40	vial A pH#5.0	JC/MD	Ok
9	Q2057-04	MH-L	VX046262.D	19 May 2025 13:03	vial A pH#5.0	JC/MD	Ok
10	Q2062-04	L1-WC-1	VX046263.D	19 May 2025 13:27	vial A pH#5.0	JC/MD	Ok
11	Q2062-08	L1-WC-2	VX046264.D	19 May 2025 13:50	vial A pH#5.0	JC/MD	Ok
12	Q2062-12	L1-WC-3	VX046265.D	19 May 2025 14:14	vial A pH#5.0	JC/MD	Ok
13	Q2062-16	L1-WC-4	VX046266.D	19 May 2025 14:37	vial A pH#5.0	JC/MD	Ok
14	Q2062-20	L1-WC-5	VX046267.D	19 May 2025 15:00	vial A pH#5.0	JC/MD	Ok
15	Q2062-24	L1-WC-6	VX046268.D	19 May 2025 15:24	vial A pH#5.0	JC/MD	Ok
16	Q2053-11	SB-11	VX046269.D	19 May 2025 15:47	vial A pH#5.0	JC/MD	Ok,M
17	Q2053-01	SB-1	VX046270.D	19 May 2025 16:11	vial A pH#5.0	JC/MD	Ok,M
18	Q2053-02	SB-2	VX046271.D	19 May 2025 16:34	vial A pH#5.0	JC/MD	Ok,M

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX051925

Review By	John Carlone	Review On	5/21/2025 9:57:32 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/21/2025 3:46:34 PM		
SubDirectory	VX051925	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133957
Initial Calibration Stds	
CCC	VP133958,VP133959
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2053-03	SB-3	VX046272.D	19 May 2025 16:58	vial A pH#5.0	JC/MD	Ok
20	Q2053-04	SB-4	VX046273.D	19 May 2025 17:21	vial A pH#5.0	JC/MD	Ok
21	Q2053-05	SB-5	VX046274.D	19 May 2025 17:45	vial A pH#5.0	JC/MD	Ok
22	Q2053-06	SB-6	VX046275.D	19 May 2025 18:08	vial A pH#5.0	JC/MD	Ok,M
23	Q2053-07	SB-7	VX046276.D	19 May 2025 18:32	vial A pH#5.0	JC/MD	Ok,M
24	Q2053-08	SB-8	VX046277.D	19 May 2025 18:55	vial A pH#5.0	JC/MD	Ok,M
25	Q2053-09	SB-9	VX046278.D	19 May 2025 19:19	vial A pH#5.0	JC/MD	Ok,M
26	Q2053-10	SB-10	VX046279.D	19 May 2025 19:42	vial A pH#5.0	JC/MD	Ok,M
27	Q2073-01	GDW1	VX046280.D	19 May 2025 20:06	vial A pH<2	JC/MD	Ok
28	Q2073-02	GDW2	VX046281.D	19 May 2025 20:29	vial A pH<2	JC/MD	Ok
29	VSTDCCC050	VSTDCCC050EC	VX046282.D	19 May 2025 20:52		JC/MD	Ok,M

M : Manual Integration

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

LAB CHRONICLE

OrderID:	Q2073	**OrderDate:**	5/16/2025 2:51:00 PM
Client:	G Environmental	**Project:**	Nelson
Contact:	Gary Landis	**Location:**	L41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2073-01	**GDW1**	**Water**			**05/16/25**			**05/16/25**
			VOCMS Group1	8260-Low			05/19/25	
Q2073-02	**GDW2**	**Water**			**05/16/25**			**05/16/25**
			VOCMS Group1	8260-Low			05/19/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q2073

Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : GDW1									
Q2073-01	GDW1	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	3.600	AB	0	0	ug/L
Q2073-01	GDW1	WATER	Benzophenone	*	3.000	J	0	0	ug/L
			Total Tics :				**6.60**		
			Total Concentration:				**6.60**		
Client ID : GDW2									
Q2073-02	GDW2	WATER	Caprolactam		5.800	J	1.2	10.3	ug/L
			Total Svoc :				**5.80**		
Q2073-02	GDW2	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	3.100	AB	0	0	ug/L
Q2073-02	GDW2	WATER	Benzophenone	*	3.700	J	0	0	ug/L
			Total Tics :				**6.80**		
			Total Concentration:				**12.60**		

SAMPLE DATA

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

Report of Analysis

Client:	G Environmental	Date Collected:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW1	SDG No.:	Q2073
Lab Sample ID:	Q2073-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BP024800.D	1	05/21/25 08:40	05/23/25 19:51	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.00	U	4.00	10.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.83	U	0.83	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.10	ug/L
98-86-2	Acetophenone	0.76	U	0.76	5.10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.60	ug/L
67-72-1	Hexachloroethane	0.66	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	0.78	U	0.78	5.10	ug/L
78-59-1	Isophorone	0.77	U	0.77	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	0.69	5.10	ug/L
91-20-3	Naphthalene	0.51	U	0.51	5.10	ug/L
106-47-8	4-Chloroaniline	0.86	UQ	0.86	5.10	ug/L
87-68-3	Hexachlorobutadiene	0.55	U	0.55	5.10	ug/L
105-60-2	Caprolactam	1.20	U	1.20	10.2	ug/L
91-57-6	2-Methylnaphthalene	0.57	U	0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	3.70	U	3.70	10.2	ug/L
92-52-4	1,1-Biphenyl	0.54	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.62	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	0.62	U	0.62	5.10	ug/L
208-96-8	Acenaphthylene	0.77	U	0.77	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	0.94	U	0.94	5.10	ug/L
99-09-2	3-Nitroaniline	1.10	UQ	1.10	5.10	ug/L
83-32-9	Acenaphthene	0.56	U	0.56	5.10	ug/L
132-64-9	Dibenzofuran	0.62	U	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	0.70	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	0.69	5.10	ug/L
86-73-7	Fluorene	0.64	U	0.64	5.10	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.10	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW1	SDG No.:	Q2073
Lab Sample ID:	Q2073-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BP024800.D	1	05/21/25 08:40	05/23/25 19:51	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.59	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.41	U	0.41	5.10	ug/L
118-74-1	Hexachlorobenzene	0.53	U	0.53	5.10	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.10	ug/L
85-01-8	Phenanthrene	0.51	U	0.51	5.10	ug/L
120-12-7	Anthracene	0.62	U	0.62	5.10	ug/L
86-74-8	Carbazole	0.73	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	0.84	U	0.84	5.10	ug/L
129-00-0	Pyrene	0.51	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	2.00	U	2.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	0.95	UQ	0.95	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.46	U	0.46	5.10	ug/L
218-01-9	Chrysene	0.45	U	0.45	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.50	U	0.50	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.49	U	0.49	5.10	ug/L
50-32-8	Benzo(a)pyrene	0.56	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.68	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.70	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.10	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	63.3		30 (49) - 130 (133)	63%	SPK: 100
321-60-8	2-Fluorobiphenyl	63.7		30 (52) - 130 (132)	64%	SPK: 100
1718-51-0	Terphenyl-d14	84.3		30 (48) - 130 (125)	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	101000	7.652			

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

Report of Analysis

Client:	G Environmental	Date Collected:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW1	SDG No.:	Q2073
Lab Sample ID:	Q2073-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BP024800.D	1	05/21/25 08:40	05/23/25 19:51	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	399000	10.416			
15067-26-2	Acenaphthene-d10	288000	14.281			
1517-22-2	Phenanthrene-d10	617000	17.081			
1719-03-5	Chrysene-d12	728000	21.504			
1520-96-3	Perylene-d12	817000	24.798			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.60	AB		4.82	ug/L
000119-61-9	Benzophenone	3.00	J		15.7	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

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

Report of Analysis

Client:	G Environmental	Date Collected:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW2	SDG No.:	Q2073
Lab Sample ID:	Q2073-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BP024801.D	1	05/21/25 08:40	05/23/25 20:32	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.00	U	4.00	10.3	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.84	U	0.84	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.20	ug/L
98-86-2	Acetophenone	0.76	U	0.76	5.20	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	0.67	U	0.67	5.20	ug/L
98-95-3	Nitrobenzene	0.78	U	0.78	5.20	ug/L
78-59-1	Isophorone	0.77	U	0.77	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.70	U	0.70	5.20	ug/L
91-20-3	Naphthalene	0.52	U	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	0.87	UQ	0.87	5.20	ug/L
87-68-3	Hexachlorobutadiene	0.56	U	0.56	5.20	ug/L
105-60-2	Caprolactam	5.80	J	1.20	10.3	ug/L
91-57-6	2-Methylnaphthalene	0.58	U	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	3.70	U	3.70	10.3	ug/L
92-52-4	1,1-Biphenyl	0.55	U	0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	0.63	U	0.63	5.20	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.20	ug/L
131-11-3	Dimethylphthalate	0.63	U	0.63	5.20	ug/L
208-96-8	Acenaphthylene	0.77	U	0.77	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	0.95	U	0.95	5.20	ug/L
99-09-2	3-Nitroaniline	1.10	UQ	1.10	5.20	ug/L
83-32-9	Acenaphthene	0.57	U	0.57	5.20	ug/L
132-64-9	Dibenzofuran	0.63	U	0.63	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	1.30	U	1.30	5.20	ug/L
84-66-2	Diethylphthalate	0.71	U	0.71	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.70	U	0.70	5.20	ug/L
86-73-7	Fluorene	0.65	U	0.65	5.20	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.20	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW2	SDG No.:	Q2073
Lab Sample ID:	Q2073-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BP024801.D	1	05/21/25 08:40	05/23/25 20:32	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.60	U	0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	0.41	U	0.41	5.20	ug/L
118-74-1	Hexachlorobenzene	0.54	U	0.54	5.20	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.20	ug/L
85-01-8	Phenanthrene	0.52	U	0.52	5.20	ug/L
120-12-7	Anthracene	0.63	U	0.63	5.20	ug/L
86-74-8	Carbazole	0.74	U	0.74	5.20	ug/L
84-74-2	Di-n-butylphthalate	1.30	U	1.30	5.20	ug/L
206-44-0	Fluoranthene	0.85	U	0.85	5.20	ug/L
129-00-0	Pyrene	0.52	U	0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	2.00	U	2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	0.96	UQ	0.96	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.46	U	0.46	5.20	ug/L
218-01-9	Chrysene	0.45	U	0.45	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.20	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.51	U	0.51	5.20	ug/L
207-08-9	Benzo(k)fluoranthene	0.49	U	0.49	5.20	ug/L
50-32-8	Benzo(a)pyrene	0.57	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.69	U	0.69	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	0.71	U	0.71	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.54	U	0.54	5.20	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.20	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	68.2		30 (49) - 130 (133)	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	67.7		30 (52) - 130 (132)	68%	SPK: 100
1718-51-0	Terphenyl-d14	78.0		30 (48) - 130 (125)	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	87300	7.652			

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

Report of Analysis

Client:	G Environmental	Date Collected:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW2	SDG No.:	Q2073
Lab Sample ID:	Q2073-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BP024801.D	1	05/21/25 08:40	05/23/25 20:32	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	334000	10.416			
15067-26-2	Acenaphthene-d10	218000	14.287			
1517-22-2	Phenanthrene-d10	467000	17.092			
1719-03-5	Chrysene-d12	546000	21.522			
1520-96-3	Perylene-d12	657000	24.81			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.10	AB		4.82	ug/L
000119-61-9	Benzophenone	3.70	J		15.7	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,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: Q2073

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168098BL	PB168098BL	Nitrobenzene-d5	100	75.0	75		30 (49)	130 (133)
		2-Fluorobiphenyl	100	77.3	77		30 (52)	130 (132)
		Terphenyl-d14	100	83.0	83		30 (48)	130 (125)
PB168098BS	PB168098BS	Nitrobenzene-d5	100	72.8	73		30 (49)	130 (133)
		2-Fluorobiphenyl	100	76.3	76		30 (52)	130 (132)
		Terphenyl-d14	100	77.9	78		30 (48)	130 (125)
PB168098BSD	PB168098BSD	Nitrobenzene-d5	100	73.9	74		30 (49)	130 (133)
		2-Fluorobiphenyl	100	76.8	77		30 (52)	130 (132)
		Terphenyl-d14	100	81.5	81		30 (48)	130 (125)
Q2073-01	GDW1	Nitrobenzene-d5	100	63.3	63		30 (49)	130 (133)
		2-Fluorobiphenyl	100	63.7	64		30 (52)	130 (132)
		Terphenyl-d14	100	84.3	84		30 (48)	130 (125)
Q2073-02	GDW2	Nitrobenzene-d5	100	68.2	68		30 (49)	130 (133)
		2-Fluorobiphenyl	100	67.7	68		30 (52)	130 (132)
		Terphenyl-d14	100	78.0	78		30 (48)	130 (125)

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2073

Client: G Environmental

Analytical Method: 8270E **DataFile:** BP024755.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168098BS	Benzaldehyde	50	34.3	ug/L	69				20 (10)	160 (162)	
	Phenol	50	42.7	ug/L	85				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	37.4	ug/L	75				70 (62)	130 (103)	
	2-Chlorophenol	50	44.8	ug/L	90				70 (70)	130 (117)	
	2-Methylphenol	50	42.4	ug/L	85				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	37.1	ug/L	74				70 (65)	130 (100)	
	Acetophenone	50	41.6	ug/L	83				70 (60)	130 (104)	
	3+4-Methylphenols	50	41.5	ug/L	83				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	36.0	ug/L	72				70 (57)	130 (107)	
	Hexachloroethane	50	40.0	ug/L	80				20 (76)	160 (118)	
	Nitrobenzene	50	41.3	ug/L	83				70 (58)	130 (106)	
	Isophorone	50	38.8	ug/L	78				70 (61)	130 (102)	
	2-Nitrophenol	50	47.2	ug/L	94				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	45.2	ug/L	90				70 (42)	130 (142)	
	bis(2-Chloroethoxy)methane	50	39.5	ug/L	79				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	46.8	ug/L	94				70 (66)	130 (115)	
	Naphthalene	50	43.0	ug/L	86				70 (64)	130 (107)	
	4-Chloroaniline	50	17.3	ug/L	35		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	44.1	ug/L	88				70 (69)	130 (101)	
	Caprolactam	50	42.6	ug/L	85				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	44.4	ug/L	89				70 (65)	130 (114)	
	2-Methylnaphthalene	50	41.6	ug/L	83				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	80.6	ug/L	81				20 (36)	160 (160)	
	2,4,6-Trichlorophenol	50	47.8	ug/L	96				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	46.5	ug/L	93				70 (70)	130 (106)	
	1,1-Biphenyl	50	42.9	ug/L	86				70 (72)	130 (98)	
	2-Chloronaphthalene	50	43.4	ug/L	87				70 (59)	130 (106)	
	2-Nitroaniline	50	43.0	ug/L	86				70 (73)	130 (114)	
	Dimethylphthalate	50	42.1	ug/L	84				70 (64)	130 (103)	
	Acenaphthylene	50	42.4	ug/L	85				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	43.8	ug/L	88				70 (64)	130 (110)	
	3-Nitroaniline	50	20.5	ug/L	41		*		70 (28)	130 (100)	
	Acenaphthene	50	42.1	ug/L	84				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	90.4	ug/L	90				20 (36)	160 (166)	
	4-Nitrophenol	100	77.9	ug/L	78				20 (45)	160 (147)	
	Dibenzofuran	50	43.3	ug/L	87				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	46.5	ug/L	93				70 (60)	130 (115)	
	Diethylphthalate	50	43.5	ug/L	87				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	43.9	ug/L	88				70 (61)	130 (104)	
	Fluorene	50	44.1	ug/L	88				70 (64)	130 (107)	
	4-Nitroaniline	50	46.3	ug/L	93				70 (55)	130 (125)	
	4,6-Dinitro-2-methylphenol	50	47.0	ug/L	94				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	43.9	ug/L	88				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	45.8	ug/L	92				70 (73)	130 (103)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2073

Client: G Environmental

Analytical Method: 8270E **DataFile:** BP024755.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168098BS	Hexachlorobenzene	50	45.5	ug/L	91				70 (73)	130 (106)	
	Atrazine	50	46.4	ug/L	93				70 (76)	130 (120)	
	Pentachlorophenol	100	110	ug/L	110				20 (47)	160 (114)	
	Phenanthrene	50	43.2	ug/L	86				70 (62)	130 (109)	
	Anthracene	50	44.5	ug/L	89				70 (65)	130 (110)	
	Carbazole	50	45.5	ug/L	91				70 (62)	130 (106)	
	Di-n-butylphthalate	50	44.8	ug/L	90				70 (64)	130 (106)	
	Fluoranthene	50	46.0	ug/L	92				70 (64)	130 (110)	
	Pyrene	50	44.5	ug/L	89				70 (71)	130 (103)	
	Butylbenzylphthalate	50	46.1	ug/L	92				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	31.3	ug/L	63		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	43.9	ug/L	88				70 (62)	130 (107)	
	Chrysene	50	44.1	ug/L	88				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	44.2	ug/L	88				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	46.3	ug/L	93				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	44.2	ug/L	88				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	44.0	ug/L	88				70 (77)	130 (105)	
	Benzo(a)pyrene	50	44.8	ug/L	90				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	45.7	ug/L	91				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	46.0	ug/L	92				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	44.9	ug/L	90				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	44.9	ug/L	90				70 (72)	130 (101)	
	1,4-Dioxane	50	31.3	ug/L	63				20 (38)	160 (125)	
	2,3,4,6-Tetrachlorophenol	50	45.7	ug/L	91				70 (63)	130 (116)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2073

Client: G Environmental

Analytical Method: 8270E **DataFile:** BP024756.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168098BSD	Benzaldehyde	50	36.2	ug/L	72	5			20 (10)	160 (162)	20 (20)
	Phenol	50	46.0	ug/L	92	7			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	40.2	ug/L	80	7			70 (62)	130 (103)	20 (20)
	2-Chlorophenol	50	47.7	ug/L	95	6			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	46.4	ug/L	93	9			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	39.6	ug/L	79	7			70 (65)	130 (100)	20 (20)
	Acetophenone	50	42.3	ug/L	85	2			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	45.5	ug/L	91	9			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	39.1	ug/L	78	8			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	41.6	ug/L	83	4			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	42.0	ug/L	84	2			70 (58)	130 (106)	20 (20)
	Isophorone	50	40.8	ug/L	82	5			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	48.8	ug/L	98	3			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	46.9	ug/L	94	4			70 (42)	130 (142)	20 (20)
	bis(2-Chloroethoxy)methane	50	41.2	ug/L	82	4			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	49.2	ug/L	98	5			70 (66)	130 (115)	20 (20)
	Naphthalene	50	43.4	ug/L	87	1			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	15.2	ug/L	30	13	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	45.0	ug/L	90	2			70 (69)	130 (101)	20 (20)
	Caprolactam	50	45.8	ug/L	92	7			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	47.0	ug/L	94	6			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	43.0	ug/L	86	3			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	85.2	ug/L	85	6			20 (36)	160 (160)	20 (20)
	2,4,6-Trichlorophenol	50	49.4	ug/L	99	3			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	49.2	ug/L	98	6			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	43.6	ug/L	87	2			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	43.7	ug/L	87	1			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	44.1	ug/L	88	3			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	44.3	ug/L	89	5			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	43.6	ug/L	87	3			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	45.5	ug/L	91	4			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	21.1	ug/L	42	3	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	43.5	ug/L	87	3			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	92.6	ug/L	93	2			20 (36)	160 (166)	20 (20)
	4-Nitrophenol	100	83.4	ug/L	83	7			20 (45)	160 (147)	20 (20)
	Dibenzofuran	50	44.0	ug/L	88	2			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	47.5	ug/L	95	2			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	45.4	ug/L	91	4			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	45.9	ug/L	92	4			70 (61)	130 (104)	20 (20)
	Fluorene	50	44.9	ug/L	90	2			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	47.3	ug/L	95	2			70 (55)	130 (125)	20 (20)
	4,6-Dinitro-2-methylphenol	50	49.3	ug/L	99	5			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	45.6	ug/L	91	4			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	46.8	ug/L	94	2			70 (73)	130 (103)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2073

Client: G Environmental

Analytical Method: 8270E **DataFile:** BP024756.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168098BSD	Hexachlorobenzene	50	46.7	ug/L	93	3			70 (73)	130 (106)	20 (20)
	Atrazine	50	48.4	ug/L	97	4			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	110	ug/L	110	0			20 (47)	160 (114)	20 (20)
	Phenanthrene	50	44.0	ug/L	88	2			70 (62)	130 (109)	20 (20)
	Anthracene	50	45.1	ug/L	90	1			70 (65)	130 (110)	20 (20)
	Carbazole	50	46.6	ug/L	93	2			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	47.2	ug/L	94	5			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	45.8	ug/L	92	0			70 (64)	130 (110)	20 (20)
	Pyrene	50	45.6	ug/L	91	2			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	48.5	ug/L	97	5			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	30.4	ug/L	61	3	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	45.5	ug/L	91	4			70 (62)	130 (107)	20 (20)
	Chrysene	50	44.4	ug/L	89	1			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	49.1	ug/L	98	11			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	49.6	ug/L	99	7			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	46.7	ug/L	93	6			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	45.6	ug/L	91	4			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	46.1	ug/L	92	3			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	44.8	ug/L	90	2			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	45.2	ug/L	90	2			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	43.9	ug/L	88	2			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	45.3	ug/L	91	1			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	30.9	ug/L	62	1			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	48.3	ug/L	97	6			70 (63)	130 (116)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168098BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

Lab File ID: BP024754.D Lab Sample ID: PB168098BL

Instrument ID: BNA_P Date Extracted: 05/21/2025

Matrix: (soil/water) Water Date Analyzed: 05/22/2025

Level: (low/med) LOW Time Analyzed: 11:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168098BS	PB168098BS	BP024755.D	05/22/2025
PB168098BSD	PB168098BSD	BP024756.D	05/22/2025
GDW1	Q2073-01	BP024800.D	05/23/2025
GDW2	Q2073-02	BP024801.D	05/23/2025

COMMENTS:

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2073 SDG NO.: Q2073

Lab File ID: BP024613.D DFTPP Injection Date: 05/13/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.5
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	36.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	49.3
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	6.6
275	10.0 - 60.0% of mass 198	33.1
365	Greater than 1% of mass 198	5.4
441	Present, but less than mass 443	19.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP024614.D	05/13/2025	10:41
SSTDICC005	SSTDICC005	BP024615.D	05/13/2025	11:22
SSTDICC010	SSTDICC010	BP024616.D	05/13/2025	12:03
SSTDICC020	SSTDICC020	BP024617.D	05/13/2025	12:43
SSTDICCC040	SSTDICCC040	BP024618.D	05/13/2025	13:24
SSTDICC050	SSTDICC050	BP024619.D	05/13/2025	14:05
SSTDICC060	SSTDICC060	BP024620.D	05/13/2025	14:45
SSTDICC080	SSTDICC080	BP024621.D	05/13/2025	15:26

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2073 SDG NO.: Q2073

Lab File ID: BP024752.D DFTPP Injection Date: 05/22/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.1
68	Less than 2.0% of mass 69	0.3 (1.3) 1
69	Mass 69 relative abundance	32.0
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	46.0
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	7.0
275	10.0 - 60.0% of mass 198	33.7
365	Greater than 1% of mass 198	5.4
441	Present, but less than mass 443	22.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 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	BP024753.D	05/22/2025	10:56
PB168098BL	PB168098BL	BP024754.D	05/22/2025	11:37
PB168098BS	PB168098BS	BP024755.D	05/22/2025	12:18
PB168098BSD	PB168098BSD	BP024756.D	05/22/2025	12:58

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2073 SDG NO.: Q2073

Lab File ID: BP024787.D DFTPP Injection Date: 05/23/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.8
68	Less than 2.0% of mass 69	0.1 (0.7) 1
69	Mass 69 relative abundance	30.6
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	45.2
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	33.8
365	Greater than 1% of mass 198	5.6
441	Present, but less than mass 443	23.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.8 (19.8) 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	BP024788.D	05/23/2025	11:40
GDW1	Q2073-01	BP024800.D	05/23/2025	19:51
GDW2	Q2073-02	BP024801.D	05/23/2025	20:32

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/22/2025

Lab File ID: BP024753.D Time Analyzed: 10:56

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	103714	7.652	424752	10.42	258861	14.28
	UPPER LIMIT	207428	8.152	849504	10.922	517722	14.781
	LOWER LIMIT	51857	7.152	212376	9.922	129431	13.781
	EPA SAMPLE NO.						
01	PB168098BL	115351	7.65	453620	10.42	285428	14.29
02	PB168098BS	114889	7.65	451979	10.42	283120	14.29
03	PB168098BSD	126327	7.65	523024	10.42	338733	14.29

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/22/2025

Lab File ID: BP024753.D Time Analyzed: 10:56

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	515151	17.075	613668	21.516	759397	24.792
	UPPER LIMIT	1030300	17.575	1227340	22.016	1518790	25.292
	LOWER LIMIT	257576	16.575	306834	21.016	379699	24.292
	EPA SAMPLE NO.						
01	PB168098BL	613349	17.09	715536	21.52	855120	24.82
02	PB168098BS	568580	17.09	655197	21.52	754804	24.82
03	PB168098BSD	686645	17.09	768545	21.51	835982	24.79

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.

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/23/2025

Lab File ID: BP024788.D Time Analyzed: 11:40

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	85825	7.646	348651	10.42	223501	14.28
	UPPER LIMIT	171650	8.146	697302	10.916	447002	14.781
	LOWER LIMIT	42912.5	7.146	174326	9.916	111751	13.781
	EPA SAMPLE NO.						
01	GDW1	100868	7.65	399490	10.42	287857	14.28
02	GDW2	87294	7.65	334159	10.42	218481	14.29

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/23/2025

Lab File ID: BP024788.D Time Analyzed: 11:40

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	457187	17.086	596427	21.51	763679	24.786
	UPPER LIMIT	914374	17.586	1192850	22.01	1527360	25.286
	LOWER LIMIT	228594	16.586	298214	21.01	381840	24.286
	EPA SAMPLE NO.						
01	GDW1	617303	17.08	728488	21.50	816767	24.80
02	GDW2	466964	17.09	546335	21.52	656670	24.81

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

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:	Nelson	Date Received:	
Client Sample ID:	PB168098BL	SDG No.:	Q2073
Lab Sample ID:	PB168098BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BP024754.D	1	05/21/25 08:40	05/22/25 11:37	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L

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:	Nelson	Date Received:	
Client Sample ID:	PB168098BL	SDG No.:	Q2073
Lab Sample ID:	PB168098BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BP024754.D	1	05/21/25 08:40	05/22/25 11:37	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	75.0		30 (49) - 130 (133)	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.3		30 (52) - 130 (132)	77%	SPK: 100
1718-51-0	Terphenyl-d14	83.0		30 (48) - 130 (125)	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	115000	7.652			

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:	Nelson			Date Received:	
Client Sample ID:	PB168098BL			SDG No.:	Q2073
Lab Sample ID:	PB168098BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
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
BP024754.D	1	05/21/25 08:40	05/22/25 11:37	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	454000	10.422			
15067-26-2	Acenaphthene-d10	285000	14.287			
1517-22-2	Phenanthrene-d10	613000	17.092			
1719-03-5	Chrysene-d12	716000	21.522			
1520-96-3	Perylene-d12	855000	24.821			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.30	A		4.82	ug/L

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

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Nelson	Date Received:	
Client Sample ID:	PB168098BS	SDG No.:	Q2073
Lab Sample ID:	PB168098BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BP024755.D	1	05/21/25 08:40	05/22/25 12:18	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	34.3		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	37.4		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	37.1		1.30	5.00	ug/L
98-86-2	Acetophenone	41.6		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	36.0		1.40	2.50	ug/L
67-72-1	Hexachloroethane	40.0		0.65	5.00	ug/L
98-95-3	Nitrobenzene	41.3		0.76	5.00	ug/L
78-59-1	Isophorone	38.8		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	39.5		0.68	5.00	ug/L
91-20-3	Naphthalene	43.0		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	17.3		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.1		0.54	5.00	ug/L
105-60-2	Caprolactam	42.6		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	41.6		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	80.6	E	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	42.9		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	43.4		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	43.0		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	42.1		0.61	5.00	ug/L
208-96-8	Acenaphthylene	42.4		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.8		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	20.5		1.10	5.00	ug/L
83-32-9	Acenaphthene	42.1		0.55	5.00	ug/L
132-64-9	Dibenzofuran	43.3		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	46.5		1.20	5.00	ug/L
84-66-2	Diethylphthalate	43.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.9		0.68	5.00	ug/L
86-73-7	Fluorene	44.1		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	46.3		1.50	5.00	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Nelson	Date Received:	
Client Sample ID:	PB168098BS	SDG No.:	Q2073
Lab Sample ID:	PB168098BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BP024755.D	1	05/21/25 08:40	05/22/25 12:18	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	43.9		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	45.8		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	45.5		0.52	5.00	ug/L
1912-24-9	Atrazine	46.4		1.00	5.00	ug/L
85-01-8	Phenanthrene	43.2		0.50	5.00	ug/L
120-12-7	Anthracene	44.5		0.61	5.00	ug/L
86-74-8	Carbazole	45.5		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	44.8		1.20	5.00	ug/L
206-44-0	Fluoranthene	46.0		0.82	5.00	ug/L
129-00-0	Pyrene	44.5		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	46.1		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	31.3		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	43.9		0.45	5.00	ug/L
218-01-9	Chrysene	44.1		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44.2		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	46.3		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	44.2		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	44.0		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	44.8		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45.7		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.0		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	44.9		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.9		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	31.3		1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	72.8		30 (49) - 130 (133)	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.3		30 (52) - 130 (132)	76%	SPK: 100
1718-51-0	Terphenyl-d14	77.9		30 (48) - 130 (125)	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	115000	7.652			

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:	Nelson			Date Received:	
Client Sample ID:	PB168098BS			SDG No.:	Q2073
Lab Sample ID:	PB168098BS			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
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
BP024755.D	1	05/21/25 08:40	05/22/25 12:18	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	452000	10.422			
15067-26-2	Acenaphthene-d10	283000	14.287			
1517-22-2	Phenanthrene-d10	569000	17.087			
1719-03-5	Chrysene-d12	655000	21.522			
1520-96-3	Perylene-d12	755000	24.821			

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:	Nelson	Date Received:	
Client Sample ID:	PB168098BSD	SDG No.:	Q2073
Lab Sample ID:	PB168098BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BP024756.D	1	05/21/25 08:40	05/22/25 12:58	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	36.2		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	40.2		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.6		1.30	5.00	ug/L
98-86-2	Acetophenone	42.3		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	39.1		1.40	2.50	ug/L
67-72-1	Hexachloroethane	41.6		0.65	5.00	ug/L
98-95-3	Nitrobenzene	42.0		0.76	5.00	ug/L
78-59-1	Isophorone	40.8		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.2		0.68	5.00	ug/L
91-20-3	Naphthalene	43.4		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	15.2		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	45.0		0.54	5.00	ug/L
105-60-2	Caprolactam	45.8		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	43.0		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	85.2	E	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	43.6		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	43.7		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	44.1		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	44.3		0.61	5.00	ug/L
208-96-8	Acenaphthylene	43.6		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	45.5		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	21.1		1.10	5.00	ug/L
83-32-9	Acenaphthene	43.5		0.55	5.00	ug/L
132-64-9	Dibenzofuran	44.0		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	47.5		1.20	5.00	ug/L
84-66-2	Diethylphthalate	45.4		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.9		0.68	5.00	ug/L
86-73-7	Fluorene	44.9		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	47.3		1.50	5.00	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Nelson	Date Received:	
Client Sample ID:	PB168098BSD	SDG No.:	Q2073
Lab Sample ID:	PB168098BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BP024756.D	1	05/21/25 08:40	05/22/25 12:58	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	45.6		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	46.8		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	46.7		0.52	5.00	ug/L
1912-24-9	Atrazine	48.4		1.00	5.00	ug/L
85-01-8	Phenanthrene	44.0		0.50	5.00	ug/L
120-12-7	Anthracene	45.1		0.61	5.00	ug/L
86-74-8	Carbazole	46.6		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	47.2		1.20	5.00	ug/L
206-44-0	Fluoranthene	45.8		0.82	5.00	ug/L
129-00-0	Pyrene	45.6		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	48.5		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	30.4		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	45.5		0.45	5.00	ug/L
218-01-9	Chrysene	44.4		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.1		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	49.6		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	46.7		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	45.6		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	46.1		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	44.8		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	45.2		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	43.9		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.3		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	30.9		1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	73.9		30 (49) - 130 (133)	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.8		30 (52) - 130 (132)	77%	SPK: 100
1718-51-0	Terphenyl-d14	81.5		30 (48) - 130 (125)	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	126000	7.652			

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:	Nelson			Date Received:	
Client Sample ID:	PB168098BSD			SDG No.:	Q2073
Lab Sample ID:	PB168098BSD			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
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
BP024756.D	1	05/21/25 08:40	05/22/25 12:58	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	523000	10.416			
15067-26-2	Acenaphthene-d10	339000	14.287			
1517-22-2	Phenanthrene-d10	687000	17.092			
1719-03-5	Chrysene-d12	769000	21.51			
1520-96-3	Perylene-d12	836000	24.786			

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 MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 13 16:21:39 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024614.D 5 =BP024615.D 10 =BP024616.D 20 =BP024617.D 40 =BP024618.D 50 =BP024619.D 60 =BP024620.D 80 =BP0246
21.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.641	0.557	0.535	0.505	0.562	0.530	0.513	0.549	8.31
3)		Pyridine		1.054	1.135	1.202	1.198	1.363	1.307	1.263	1.218	8.57
4)		n-Nitrosodimet...		0.536	0.507	0.527	0.517	0.580	0.557	0.537	0.538	4.61
5)	S	2-Fluorophenol		1.134	1.096	1.162	1.105	1.272	1.223	1.193	1.169	5.50
6)		Aniline		1.717	1.703	1.932	1.917	2.130	2.091	1.999	1.927	8.67
7)	S	Phenol-d6		1.301	1.344	1.486	1.472	1.671	1.620	1.552	1.492	9.09
8)		2-Chlorophenol		1.200	1.204	1.311	1.303	1.465	1.433	1.376	1.327	7.83
9)		Benzaldehyde		0.991	1.008	1.046	0.955	1.043	0.954	0.766	0.966	9.91
10)	C	Phenol		1.373	1.401	1.526	1.509	1.707	1.670	1.597	1.540	8.24
11)		bis(2-Chloroet...		1.317	1.170	1.257	1.213	1.357	1.299	1.247	1.266	5.04
12)		1,3-Dichlorobe...		1.596	1.487	1.520	1.440	1.622	1.546	1.480	1.527	4.29
13)	C	1,4-Dichlorobe...		1.558	1.505	1.525	1.470	1.637	1.567	1.491	1.536	3.67
14)		1,2-Dichlorobe...		1.530	1.467	1.498	1.426	1.579	1.529	1.449	1.497	3.56
15)		Benzyl Alcohol		0.883	0.950	1.128	1.149	1.306	1.288	1.236	1.134	14.43
16)		2,2'-oxybis(1-...		1.543	1.445	1.520	1.467	1.617	1.564	1.454	1.516	4.22
17)		2-Methylphenol		0.966	0.949	1.105	1.099	1.246	1.213	1.154	1.105	10.30
18)		Hexachloroethane		0.606	0.591	0.582	0.551	0.623	0.597	0.570	0.589	4.04
19)	P	n-Nitroso-di-n...	0.880	0.977	0.967	1.086	1.048	1.142	1.132	1.026	1.032	8.63
20)		3+4-Methylphenols		1.221	1.302	1.503	1.515	1.702	1.692	1.584	1.503	12.21
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.486	0.481	0.511	0.483	0.534	0.512	0.491	0.500	3.97
23)	S	Nitrobenzene-d5		0.381	0.376	0.401	0.382	0.429	0.408	0.394	0.396	4.67
24)		Nitrobenzene		0.333	0.340	0.355	0.337	0.373	0.356	0.344	0.348	4.03
25)		Isophorone		0.644	0.640	0.695	0.673	0.753	0.721	0.682	0.687	5.91
26)	C	2-Nitrophenol		0.135	0.143	0.168	0.172	0.196	0.192	0.189	0.171	14.05
27)		2,4-Dimethylph...		0.273	0.279	0.300	0.298	0.329	0.318	0.309	0.301	6.60
28)		bis(2-Chloroet...		0.403	0.391	0.411	0.399	0.443	0.419	0.405	0.410	4.15
29)	C	2,4-Dichloroph...		0.250	0.258	0.290	0.291	0.327	0.316	0.309	0.292	9.96
30)		1,2,4-Trichlor...		0.346	0.322	0.327	0.306	0.347	0.329	0.323	0.329	4.33
31)		Naphthalene		1.064	1.026	1.049	0.980	1.091	1.037	1.007	1.036	3.54
32)		Benzoic acid			0.089	0.146	0.191	0.215	0.220	0.225	0.181	29.55
33)		4-Chloroaniline		0.348	0.371	0.420	0.418	0.465	0.462	0.442	0.418	10.62
34)	C	Hexachlorobuta...		0.231	0.214	0.211	0.198	0.222	0.209	0.206	0.213	5.08
35)		Caprolactam		0.082	0.092	0.104	0.109	0.121	0.121	0.110	0.106	13.80
36)	C	4-Chloro-3-met...		0.316	0.325	0.358	0.356	0.391	0.384	0.359	0.356	7.78
37)		2-Methylnaphth...		0.673	0.654	0.670	0.640	0.713	0.693	0.654	0.671	3.73
38)		1-Methylnaphth...		0.741	0.700	0.720	0.690	0.751	0.733	0.690	0.718	3.47

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP051325.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.593	0.558	0.574	0.549	0.625	0.580	0.586	0.581	4.26
41)	P	Hexachlorocycl...	0.250	0.276	0.350	0.356	0.420	0.391	0.421	0.352	19.02
42)	S	2,4,6-Tribromo...	0.324	0.321	0.335	0.323	0.369	0.357	0.346	0.339	5.49
43)	C	2,4,6-Trichlor...	0.305	0.341	0.375	0.371	0.428	0.410	0.402	0.376	11.29
44)		2,4,5-Trichlor...	0.376	0.375	0.418	0.404	0.471	0.447	0.440	0.419	8.68
45)	S	2-Fluorobiphenyl	1.601	1.498	1.553	1.432	1.602	1.515	1.485	1.527	4.10
46)		1,1'-Biphenyl	1.524	1.434	1.492	1.383	1.586	1.473	1.456	1.478	4.40
47)		2-Chloronaphth...	1.147	1.106	1.131	1.065	1.196	1.132	1.113	1.127	3.56
48)		2-Nitroaniline	0.279	0.304	0.331	0.335	0.381	0.364	0.343	0.334	10.28
49)		Acenaphthylene	1.845	1.818	1.920	1.804	2.029	1.930	1.856	1.886	4.19
50)		Dimethylphthalate	1.570	1.527	1.518	1.450	1.611	1.535	1.460	1.524	3.73
51)		2,6-Dinitrotol...	0.299	0.308	0.326	0.312	0.354	0.337	0.319	0.322	5.75
52)	C	Acenaphthene	1.105	1.054	1.094	1.028	1.159	1.099	1.052	1.084	4.02
53)		3-Nitroaniline	0.258	0.275	0.329	0.340	0.379	0.370	0.350	0.329	14.04
54)	P	2,4-Dinitrophenol		0.098	0.143	0.172	0.201	0.201	0.201	0.169	24.79
55)		Dibenzofuran	1.810	1.716	1.740	1.633	1.816	1.733	1.658	1.730	4.00
56)	P	4-Nitrophenol		0.159	0.222	0.257	0.299	0.288	0.274	0.250	20.82
57)		2,4-Dinitrotol...	0.400	0.422	0.456	0.454	0.508	0.483	0.454	0.454	7.87
58)		Fluorene	1.466	1.415	1.410	1.336	1.494	1.410	1.341	1.410	4.14
59)		2,3,4,6-Tetrac...	0.367	0.364	0.381	0.379	0.428	0.406	0.394	0.388	5.89
60)		Diethylphthalate	1.593	1.542	1.537	1.444	1.639	1.563	1.468	1.541	4.40
61)		4-Chlorophenyl...	0.752	0.697	0.700	0.656	0.741	0.709	0.668	0.703	5.01
62)		4-Nitroaniline	0.228	0.259	0.326	0.330	0.375	0.363	0.341	0.317	17.06
63)		Azobenzene	1.327	1.299	1.356	1.250	1.407	1.343	1.243	1.318	4.45
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.094	0.120	0.129	0.149	0.143	0.141	0.129	15.64
66)	c	n-Nitrosodiphe...	0.603	0.589	0.627	0.593	0.667	0.621	0.600	0.614	4.41
67)		4-Bromophenyl-...	0.231	0.223	0.237	0.226	0.252	0.242	0.240	0.236	4.31
68)		Hexachlorobenzene	0.303	0.288	0.298	0.282	0.321	0.304	0.300	0.299	4.25
69)		Atrazine	0.210	0.209	0.227	0.218	0.248	0.237	0.226	0.225	6.32
70)	C	Pentachlorophenol	0.124	0.137	0.163	0.172	0.198	0.191	0.192	0.168	17.12
71)		Phenanthrene	1.144	1.085	1.125	1.051	1.170	1.125	1.083	1.112	3.68
72)		Anthracene	1.097	1.064	1.142	1.075	1.205	1.139	1.108	1.119	4.31
73)		Carbazole	0.923	0.944	1.039	1.001	1.114	1.053	1.013	1.012	6.43
74)		Di-n-butylphth...	1.182	1.218	1.332	1.260	1.447	1.363	1.313	1.302	6.97
75)	C	Fluoranthene	1.271	1.254	1.314	1.250	1.399	1.337	1.272	1.300	4.18
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.362	0.543	0.560	0.657	0.599	0.548	0.545	18.22
78)		Pyrene	1.184	1.137	1.197	1.153	1.273	1.222	1.223	1.198	3.85
79)	S	Terphenyl-d14	1.192	1.113	1.165	1.125	1.226	1.175	1.167	1.166	3.30
80)		Butylbenzylpht...	0.458	0.465	0.537	0.527	0.604	0.571	0.569	0.533	10.28
81)		Benzo(a)anthra...	1.251	1.218	1.253	1.208	1.336	1.275	1.250	1.256	3.36
82)		3,3'-Dichlorob...	0.357	0.392	0.474	0.477	0.539	0.511	0.514	0.466	14.45
83)		Chrysene	1.214	1.180	1.185	1.131	1.255	1.188	1.180	1.190	3.16
84)		Bis(2-ethylhex...	0.673	0.683	0.801	0.766	0.884	0.836	0.841	0.783	10.32
85)	c	Di-n-octyl pht...	1.048	1.116	1.272	1.280	1.458	1.376	1.417	1.281	11.95

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP051325.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.341	1.357	1.447	1.424	1.608	1.549	1.494	1.460	6.70
88)		Benzo(b)fluora...	1.028	1.070	1.152	1.103	1.288	1.184	1.189	1.145	7.58
89)		Benzo(k)fluora...	1.147	1.106	1.182	1.140	1.258	1.238	1.185	1.180	4.59
90)	C	Benzo(a)pyrene	0.995	1.001	1.112	1.064	1.221	1.167	1.136	1.099	7.68
91)		Dibenzo(a,h)an...	1.068	1.066	1.186	1.167	1.321	1.271	1.236	1.188	8.18
92)		Benzo(g,h,i)pe...	1.101	1.106	1.167	1.147	1.294	1.242	1.212	1.181	6.07

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG No.: Q2073

Instrument ID: BNA_P Calibration Date/Time: 05/22/2025 10:56

Lab File ID: BP024753.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:41 15:26

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.169	1.135		-2.9	
Benzaldehyde	0.966	0.866		-10.4	
Phenol-d6	1.492	1.407		-5.7	
Phenol	1.540	1.471		-4.5	20.0
bis(2-Chloroethyl)ether	1.266	1.107		-12.6	
2-Chlorophenol	1.327	1.323		-0.3	
2-Methylphenol	1.105	1.036		-6.2	
2,2-oxybis(1-Chloropropane)	1.516	1.312		-13.5	
Acetophenone	0.500	0.469		-6.2	
3+4-Methylphenols	1.503	1.398		-7.0	
n-Nitroso-di-n-propylamine	1.032	0.896	0.050	-13.2	
Nitrobenzene-d5	0.396	0.368		-7.1	
Hexachloroethane	0.589	0.540		-8.3	
Nitrobenzene	0.348	0.318		-8.6	
Isophorone	0.687	0.607		-11.6	
2-Nitrophenol	0.171	0.178		4.1	20.0
2,4-Dimethylphenol	0.301	0.290		-3.7	
bis(2-Chloroethoxy)methane	0.410	0.359		-12.4	
2,4-Dichlorophenol	0.292	0.288		-1.4	20.0
Naphthalene	1.036	0.988		-4.6	
4-Chloroaniline	0.418	0.411		-1.7	
Hexachlorobutadiene	0.213	0.212		-0.5	20.0
Caprolactam	0.106	0.100		-5.7	
4-Chloro-3-methylphenol	0.356	0.336		-5.6	20.0
2-Methylnaphthalene	0.671	0.616		-8.2	
Hexachlorocyclopentadiene	0.352	0.359	0.050	2.0	
2,4,6-Trichlorophenol	0.376	0.385		2.4	20.0
2-Fluorobiphenyl	1.527	1.502		-1.6	
2,4,5-Trichlorophenol	0.419	0.412		-1.7	
1,1-Biphenyl	1.478	1.437		-2.8	
2-Chloronaphthalene	1.127	1.094		-2.9	
2-Nitroaniline	0.334	0.312		-6.6	
Dimethylphthalate	1.524	1.422		-6.7	
Acenaphthylene	1.886	1.818		-3.6	
2,6-Dinitrotoluene	0.322	0.308		-4.3	
3-Nitroaniline	0.329	0.327		-0.6	
Acenaphthene	1.084	1.055		-2.7	20.0
2,4-Dinitrophenol	0.169	0.178	0.050	5.3	
4-Nitrophenol	0.250	0.298	0.050	19.2	

Form VII SV-1

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG No.: Q2073

Instrument ID: BNA_P Calibration Date/Time: 05/22/2025 10:56

Lab File ID: BP024753.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:41 15:26

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.730	1.664		-3.8	
2,4-Dinitrotoluene	0.454	0.458		0.9	
Diethylphthalate	1.541	1.446		-6.2	
4-Chlorophenyl-phenylether	0.703	0.681		-3.1	
Fluorene	1.410	1.365		-3.2	
4-Nitroaniline	0.317	0.336		6.0	
4,6-Dinitro-2-methylphenol	0.129	0.131		1.5	
n-Nitrosodiphenylamine	0.614	0.595		-3.1	20.0
2,4,6-Tribromophenol	0.339	0.364		7.4	
4-Bromophenyl-phenylether	0.236	0.237		0.4	
Hexachlorobenzene	0.299	0.301		0.7	
Atrazine	0.225	0.226		0.4	
Pentachlorophenol	0.168	0.183		8.9	20.0
Phenanthrene	1.112	1.056		-5.0	
Anthracene	1.119	1.093		-2.3	
Carbazole	1.012	1.003		-0.9	
Di-n-butylphthalate	1.302	1.275		-2.1	
Fluoranthene	1.300	1.270		-2.3	20.0
Pyrene	1.198	1.114		-7.0	
Terphenyl-d14	1.166	1.110		-4.8	
Butylbenzylphthalate	0.533	0.521		-2.3	
3,3-Dichlorobenzidine	0.466	0.502		7.7	
Benzo(a)anthracene	1.256	1.196		-4.8	
Chrysene	1.190	1.132		-4.9	
Bis(2-ethylhexyl)phthalate	0.783	0.768		-1.9	
Di-n-octyl phthalate	1.281	1.324		3.4	20.0
Benzo(b)fluoranthene	1.145	1.090		-4.8	
Benzo(k)fluoranthene	1.180	1.078		-8.6	
Benzo(a)pyrene	1.099	1.059		-3.6	20.0
Indeno(1,2,3-cd)pyrene	1.460	1.467		0.5	
Dibenzo(a,h)anthracene	1.188	1.197		0.8	
Benzo(g,h,i)perylene	1.181	1.175		-0.5	
1,2,4,5-Tetrachlorobenzene	0.581	0.581		0.0	
1,4-Dioxane	0.549	0.459		-16.4	20.0
2,3,4,6-Tetrachlorophenol	0.388	0.382		-1.5	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG No.: Q2073

Instrument ID: BNA_P Calibration Date/Time: 05/23/2025 11:40

Lab File ID: BP024788.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:41 15:26

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.169	1.153		-1.4	
Benzaldehyde	0.966	0.824		-14.7	
Phenol-d6	1.492	1.391		-6.8	
Phenol	1.540	1.406		-8.7	20.0
bis(2-Chloroethyl)ether	1.266	1.041		-17.8	
2-Chlorophenol	1.327	1.285		-3.2	
2-Methylphenol	1.105	1.020		-7.7	
2,2-oxybis(1-Chloropropane)	1.516	1.205		-20.5	
Acetophenone	0.500	0.471		-5.8	
3+4-Methylphenols	1.503	1.386		-7.8	
n-Nitroso-di-n-propylamine	1.032	0.869	0.050	-15.8	
Nitrobenzene-d5	0.396	0.363		-8.3	
Hexachloroethane	0.589	0.524		-11.0	
Nitrobenzene	0.348	0.310		-10.9	
Isophorone	0.687	0.597		-13.1	
2-Nitrophenol	0.171	0.181		5.8	20.0
2,4-Dimethylphenol	0.301	0.294		-2.3	
bis(2-Chloroethoxy)methane	0.410	0.346		-15.6	
2,4-Dichlorophenol	0.292	0.295		1.0	20.0
Naphthalene	1.036	1.000		-3.5	
4-Chloroaniline	0.418	0.412		-1.4	
Hexachlorobutadiene	0.213	0.212		-0.5	20.0
Caprolactam	0.106	0.104		-1.9	
4-Chloro-3-methylphenol	0.356	0.335		-5.9	20.0
2-Methylnaphthalene	0.671	0.635		-5.4	
Hexachlorocyclopentadiene	0.352	0.461	0.050	31.0	
2,4,6-Trichlorophenol	0.376	0.389		3.5	20.0
2-Fluorobiphenyl	1.527	1.497		-2.0	
2,4,5-Trichlorophenol	0.419	0.410		-2.1	
1,1-Biphenyl	1.478	1.419		-4.0	
2-Chloronaphthalene	1.127	1.115		-1.1	
2-Nitroaniline	0.334	0.309		-7.5	
Dimethylphthalate	1.524	1.471		-3.5	
Acenaphthylene	1.886	1.849		-2.0	
2,6-Dinitrotoluene	0.322	0.319		-0.9	
3-Nitroaniline	0.329	0.324		-1.5	
Acenaphthene	1.084	1.026		-5.4	20.0
2,4-Dinitrophenol	0.169	0.167	0.050	-1.2	
4-Nitrophenol	0.250	0.319	0.050	27.6	

Form VII SV-1

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG No.: Q2073

Instrument ID: BNA_P Calibration Date/Time: 05/23/2025 11:40

Lab File ID: BP024788.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:41 15:26

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.730	1.667		-3.6	
2,4-Dinitrotoluene	0.454	0.463		2.0	
Diethylphthalate	1.541	1.463		-5.1	
4-Chlorophenyl-phenylether	0.703	0.684		-2.7	
Fluorene	1.410	1.371		-2.8	
4-Nitroaniline	0.317	0.348		9.8	
4,6-Dinitro-2-methylphenol	0.129	0.130		0.8	
n-Nitrosodiphenylamine	0.614	0.580		-5.5	20.0
2,4,6-Tribromophenol	0.339	0.384		13.3	
4-Bromophenyl-phenylether	0.236	0.232		-1.7	
Hexachlorobenzene	0.299	0.309		3.3	
Atrazine	0.225	0.229		1.8	
Pentachlorophenol	0.168	0.188		11.9	20.0
Phenanthrene	1.112	1.068		-4.0	
Anthracene	1.119	1.082		-3.3	
Carbazole	1.012	1.026		1.4	
Di-n-butylphthalate	1.302	1.292		-0.8	
Fluoranthene	1.300	1.314		1.1	20.0
Pyrene	1.198	1.053		-12.1	
Terphenyl-d14	1.166	1.077		-7.6	
Butylbenzylphthalate	0.533	0.498		-6.6	
3,3-Dichlorobenzidine	0.466	0.498		6.9	
Benzo(a)anthracene	1.256	1.206		-4.0	
Chrysene	1.190	1.135		-4.6	
Bis(2-ethylhexyl)phthalate	0.783	0.773		-1.3	
Di-n-octyl phthalate	1.281	1.352		5.5	20.0
Benzo(b)fluoranthene	1.145	1.078		-5.9	
Benzo(k)fluoranthene	1.180	1.106		-6.3	
Benzo(a)pyrene	1.099	1.062		-3.4	20.0
Indeno(1,2,3-cd)pyrene	1.460	1.481		1.4	
Dibenzo(a,h)anthracene	1.188	1.213		2.1	
Benzo(g,h,i)perylene	1.181	1.186		0.4	
1,2,4,5-Tetrachlorobenzene	0.581	0.582		0.2	
1,4-Dioxane	0.549	0.475		-13.5	20.0
2,3,4,6-Tetrachlorophenol	0.388	0.396		2.1	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024800.D
Acq On : 23 May 2025 19:51
Operator : RC/JU
Sample : Q2073-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GDW1

Quant Time: May 24 00:04:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

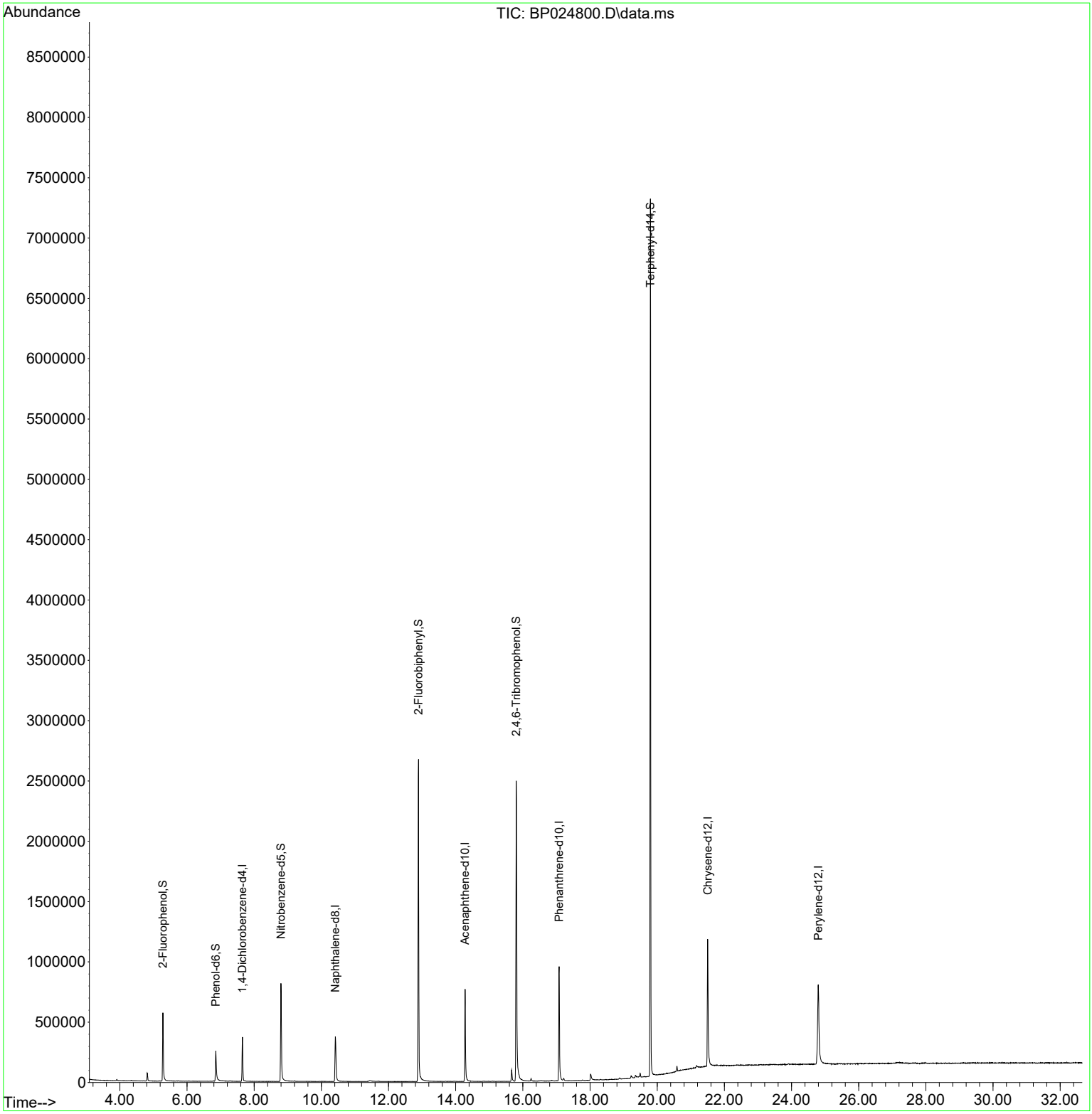
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	100868	20.000	ng	-0.01
21) Naphthalene-d8	10.416	136	399490	20.000	ng	-0.02
39) Acenaphthene-d10	14.281	164	287857	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	617303	20.000	ng	-0.02
76) Chrysene-d12	21.504	240	728488	20.000	ng	-0.02
86) Perylene-d12	24.798	264	816767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	280732	47.602	ng	0.00
7) Phenol-d6	6.858	99	193590	25.720	ng	0.00
23) Nitrobenzene-d5	8.799	82	500593	63.314	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	731756	149.950	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1399903	63.714	ng	-0.01
79) Terphenyl-d14	19.798	244	3582745	84.330	ng	-0.01
Target Compounds						Qvalue

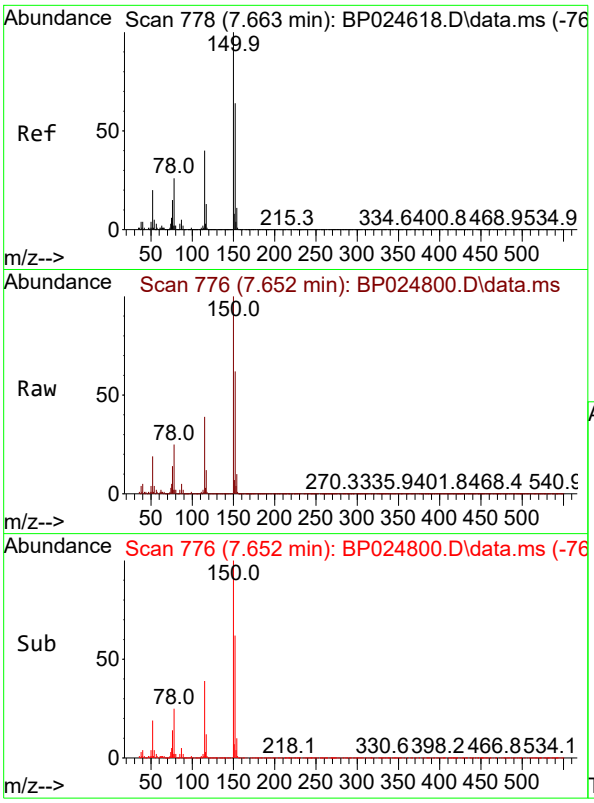
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024800.D
Acq On : 23 May 2025 19:51
Operator : RC/JU
Sample : Q2073-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GDW1

Quant Time: May 24 00:04:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



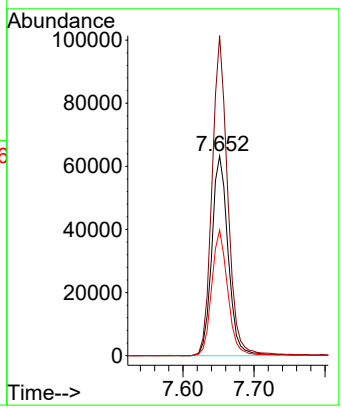


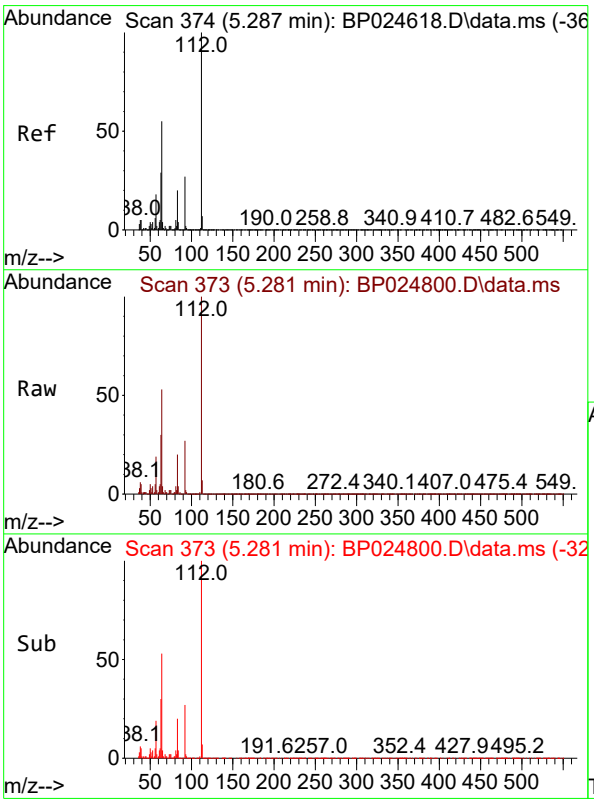
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

Instrument :
BNA_P
ClientSampleId :
GDW1

Tgt Ion:152 Resp: 100868

Ion	Ratio	Lower	Upper
152	100		
150	160.2	125.9	188.9
115	62.9	50.1	75.1

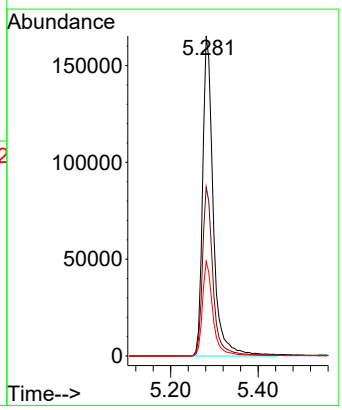


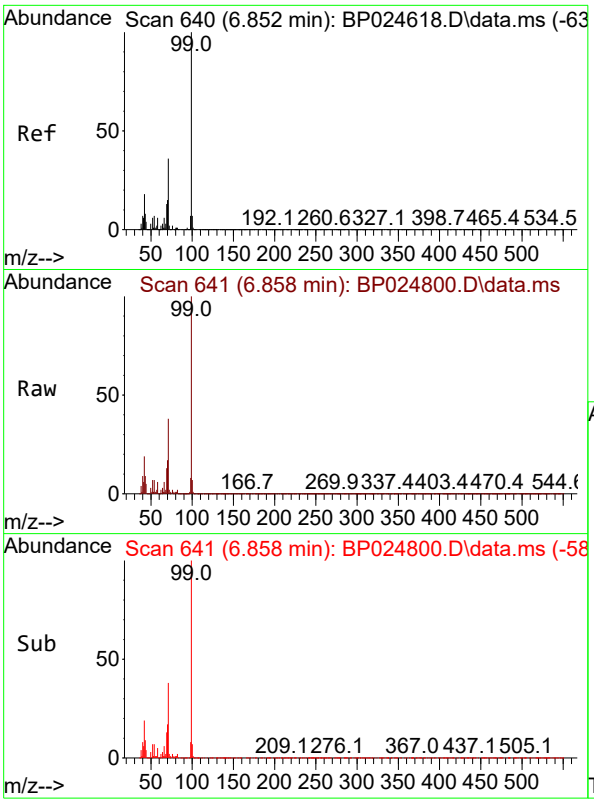


#5
2-Fluorophenol
Concen: 47.602 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

Tgt Ion:112 Resp: 280732

Ion	Ratio	Lower	Upper
112	100		
64	52.8	44.1	66.1
63	29.5	23.5	35.3



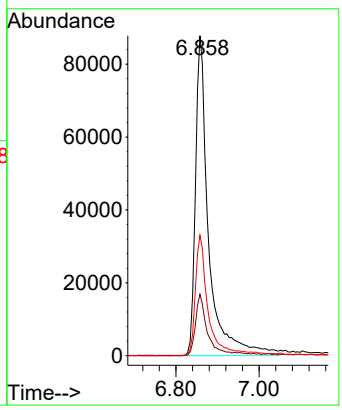


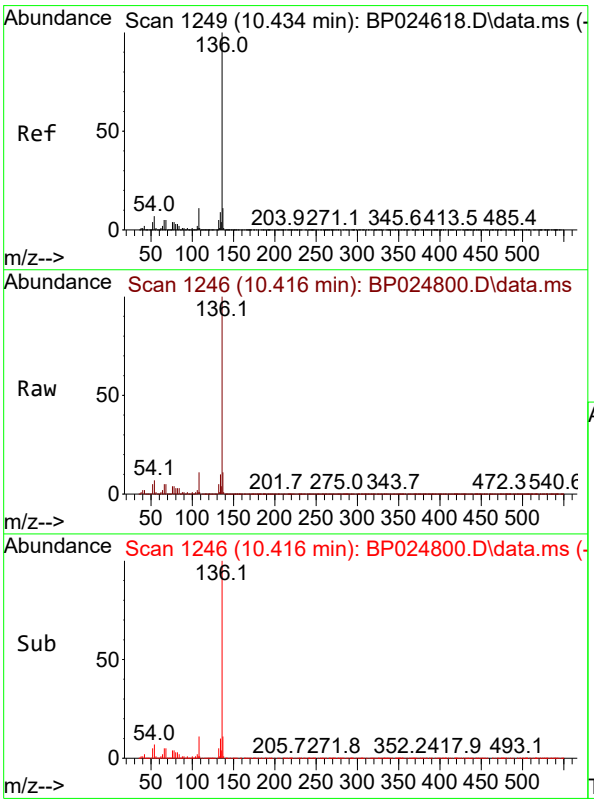
#7
Phenol-d6
Concen: 25.720 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

Instrument :
BNA_P
ClientSampleId :
GDW1

Tgt Ion: 99 Resp: 193590

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.4	21.6
71	37.6	29.2	43.8

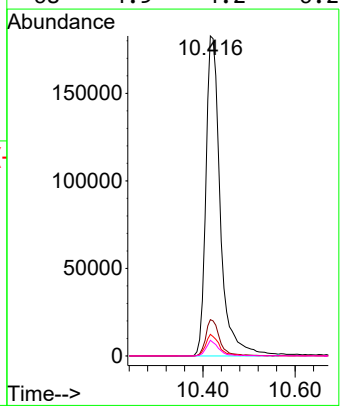


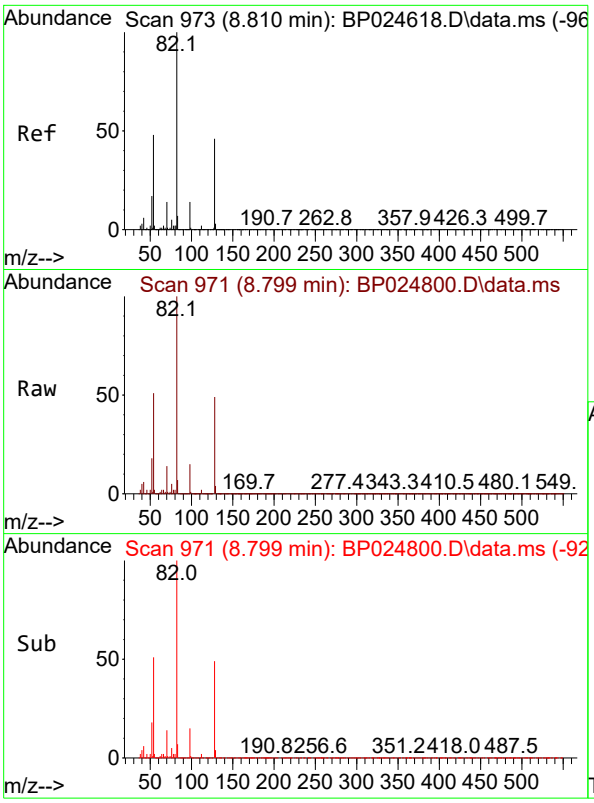


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.018 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

Tgt Ion:136 Resp: 399490

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.8	5.5	8.3
68	4.9	4.2	6.2



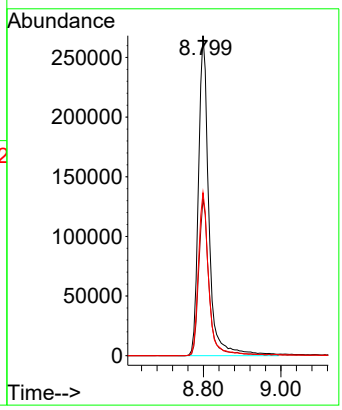


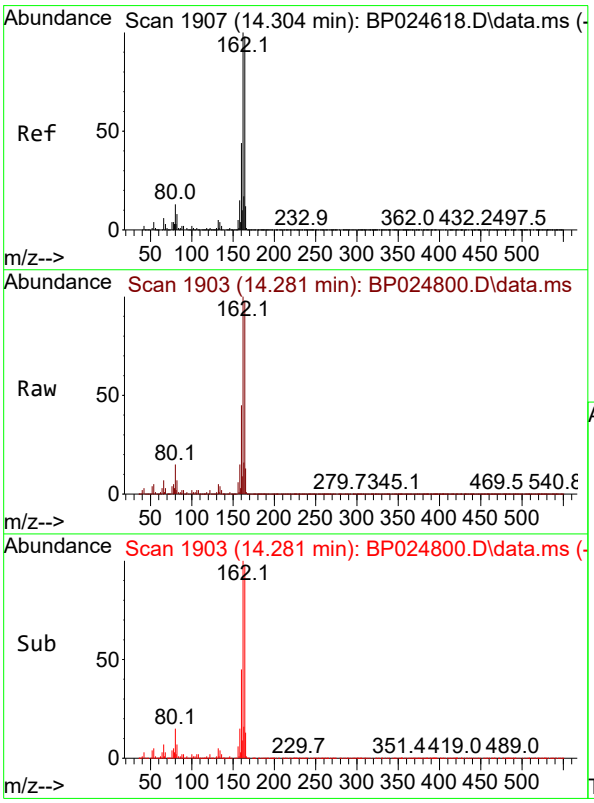
#23
Nitrobenzene-d5
Concen: 63.314 ng
RT: 8.799 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

Instrument :
BNA_P
ClientSampleId :
GDW1

Tgt Ion: 82 Resp: 500593

Ion	Ratio	Lower	Upper
82	100		
128	49.1	37.0	55.4
54	51.0	38.7	58.1

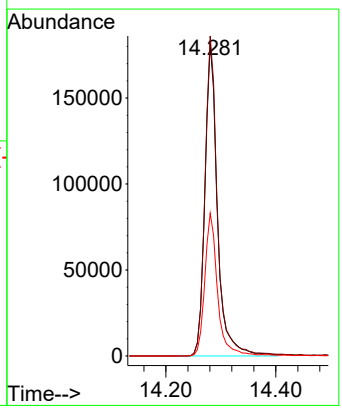


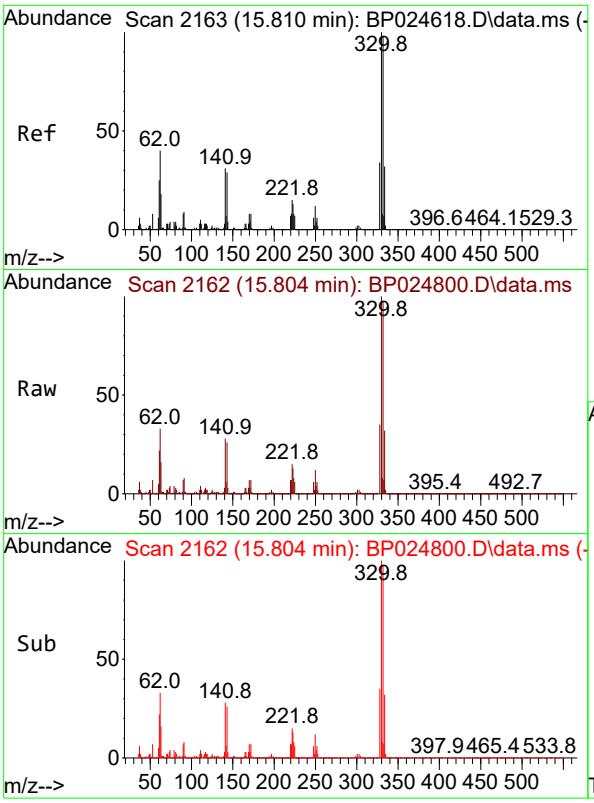


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.024 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

Tgt Ion:164 Resp: 287857

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.8	122.6
160	45.7	36.3	54.5



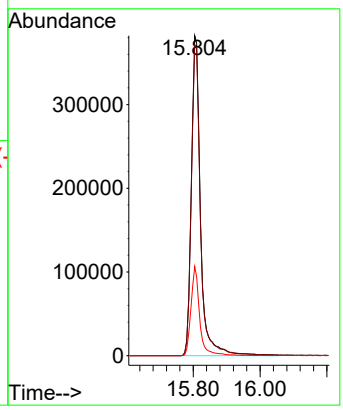


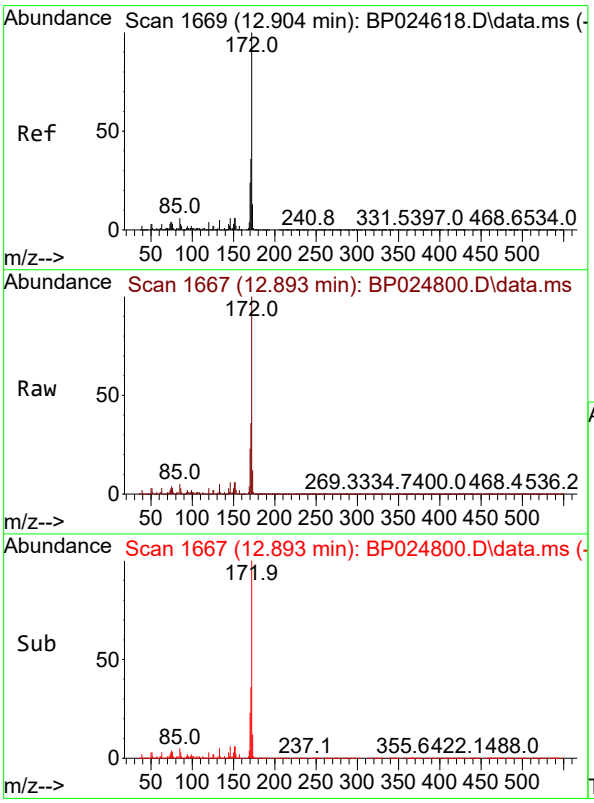
#42
2,4,6-Tribromophenol
Concen: 149.950 ng
RT: 15.804 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

Instrument :
BNA_P
ClientSampleId :
GDW1

Tgt Ion:330 Resp: 731756

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.4
141	26.3	24.3	36.5

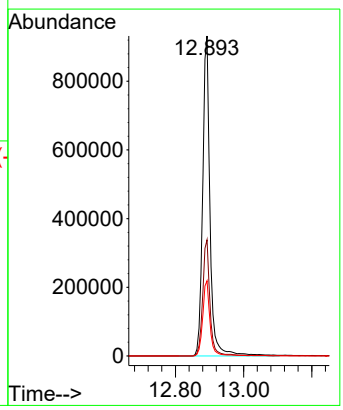


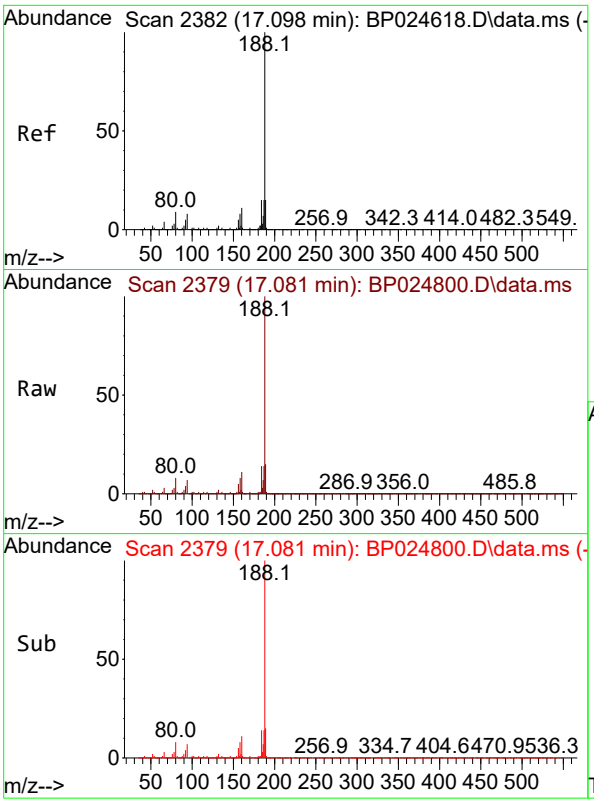


#45
2-Fluorobiphenyl
Concen: 63.714 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

Tgt Ion:172 Resp: 1399903

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.8	43.2
170	23.5	18.8	28.2



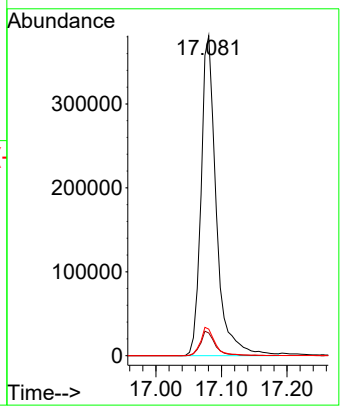


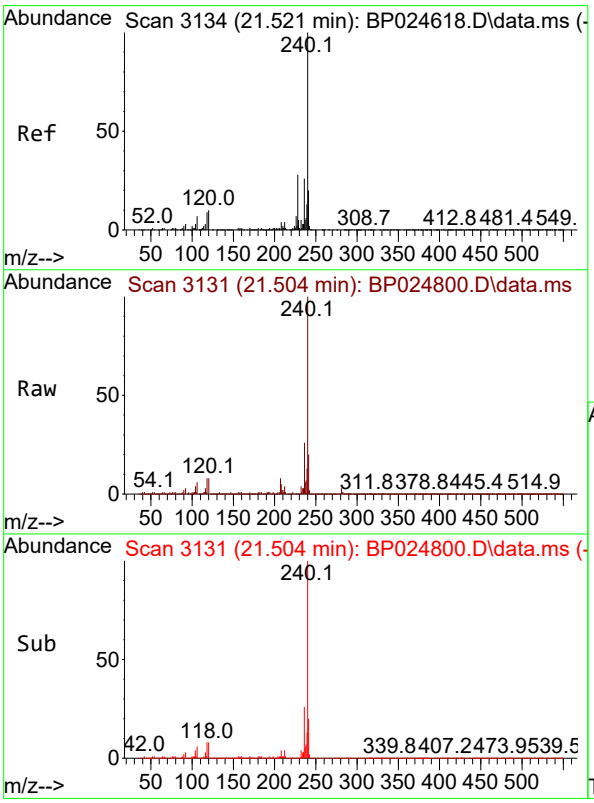
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

Instrument :
BNA_P
ClientSampleId :
GDW1

Tgt Ion:188 Resp: 617303

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.5	9.7
80	8.3	7.3	10.9

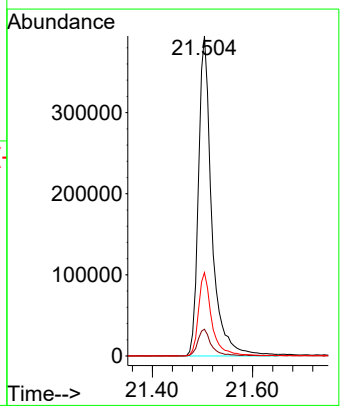


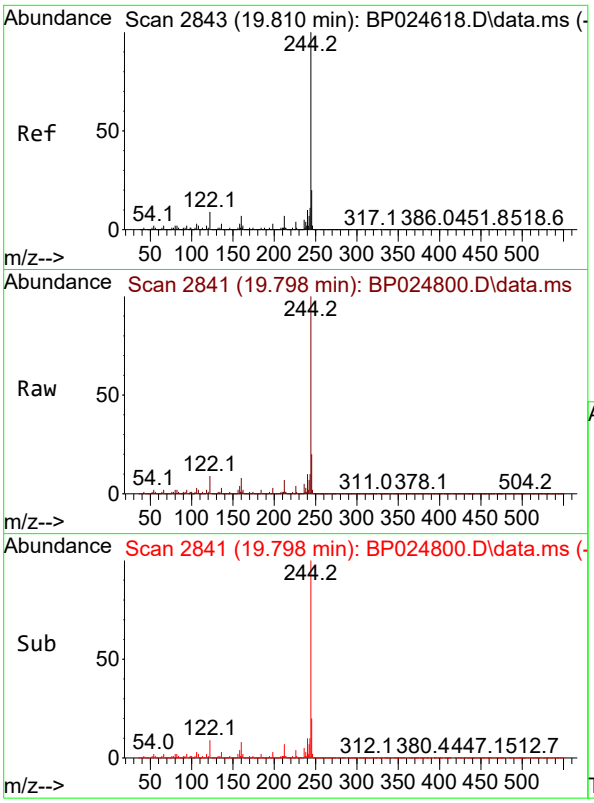


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 3131
Delta R.T. -0.018 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

Tgt Ion:240 Resp: 728488

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.8	11.6
236	26.0	20.6	31.0



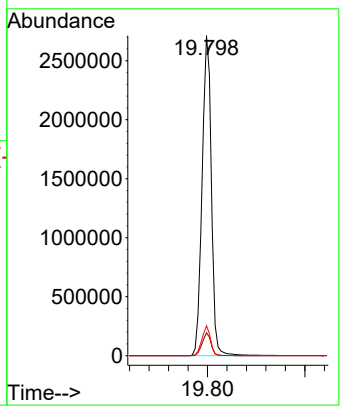


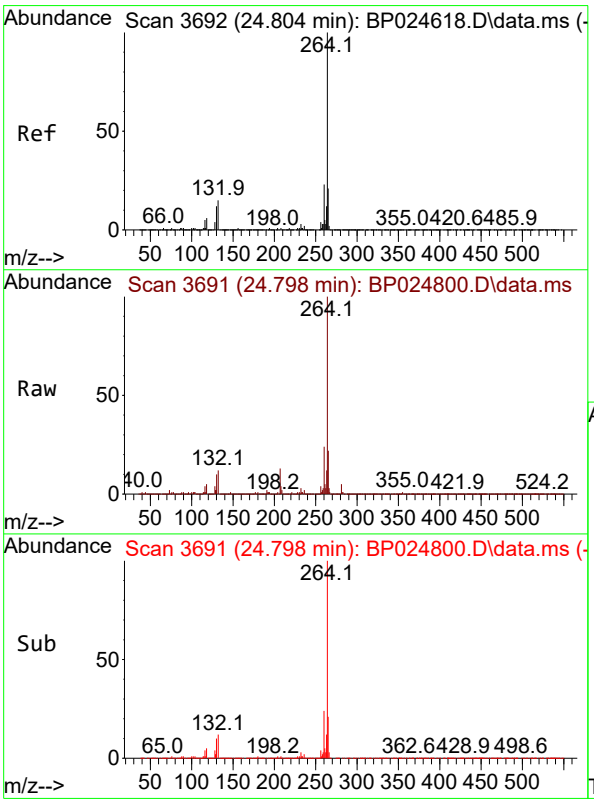
#79
Terphenyl-d14
Concen: 84.330 ng
RT: 19.798 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

Instrument :
BNA_P
ClientSampleId :
GDW1

Tgt Ion:244 Resp: 3582745

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	9.4	7.4	11.0

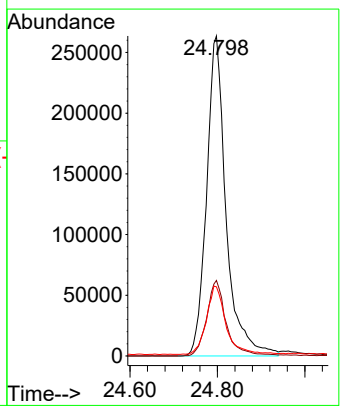




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 3691
Delta R.T. -0.006 min
Lab File: BP024800.D
Acq: 23 May 2025 19:51

Tgt Ion:264 Resp: 816767

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.6	17.0	25.6



Sample Results: **BP024800.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024800.D
Acq On : 23 May 2025 19:51
Operator : RC/JU
Sample : Q2073-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GDW1

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_P\Methods\8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024800.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.816	288	294	303	rBV	66235	103091	1.09%	0.349%
2	5.281	367	373	398	rBV	566093	955910	10.10%	3.232%
3	6.858	634	641	657	rBV	251459	525729	5.55%	1.777%
4	7.652	768	776	786	rBV	366882	576746	6.09%	1.950%
5	8.799	963	971	996	rBV	812881	1521256	16.07%	5.143%
6	10.416	1239	1246	1267	rBV	372162	802538	8.48%	2.713%
7	12.893	1659	1667	1688	rBV	2670329	4026529	42.53%	13.613%
8	14.281	1896	1903	1917	rBV	765372	1217830	12.86%	4.117%
9	15.669	2133	2139	2153	rBV	95683	176516	1.86%	0.597%
10	15.804	2153	2162	2187	rBV	2489939	4641763	49.03%	15.692%
11	17.081	2372	2379	2396	rBV	947811	1548818	16.36%	5.236%
12	18.016	2534	2538	2549	rBV3	50553	126247	1.33%	0.427%
13	19.798	2835	2841	2854	rBV	7273808	9468044	100.00%	32.009%
14	21.504	3125	3131	3144	rBV	1052322	1917597	20.25%	6.483%
15	24.798	3681	3691	3715	rVB	651214	1970973	20.82%	6.663%

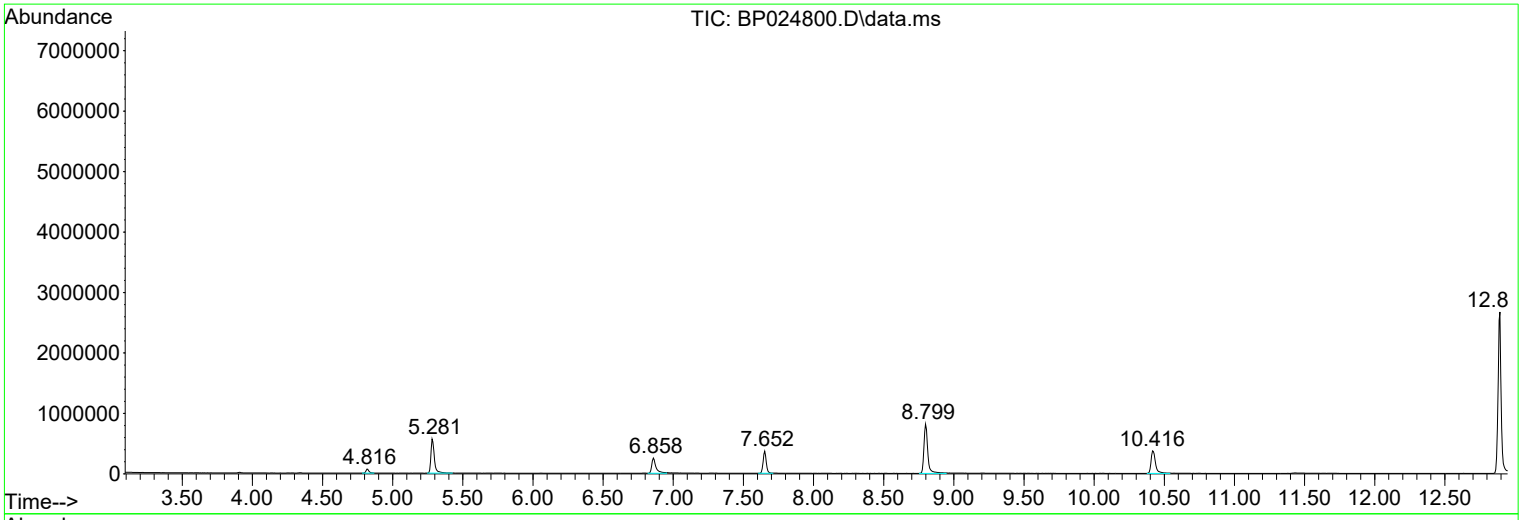
Sum of corrected areas: 29579587

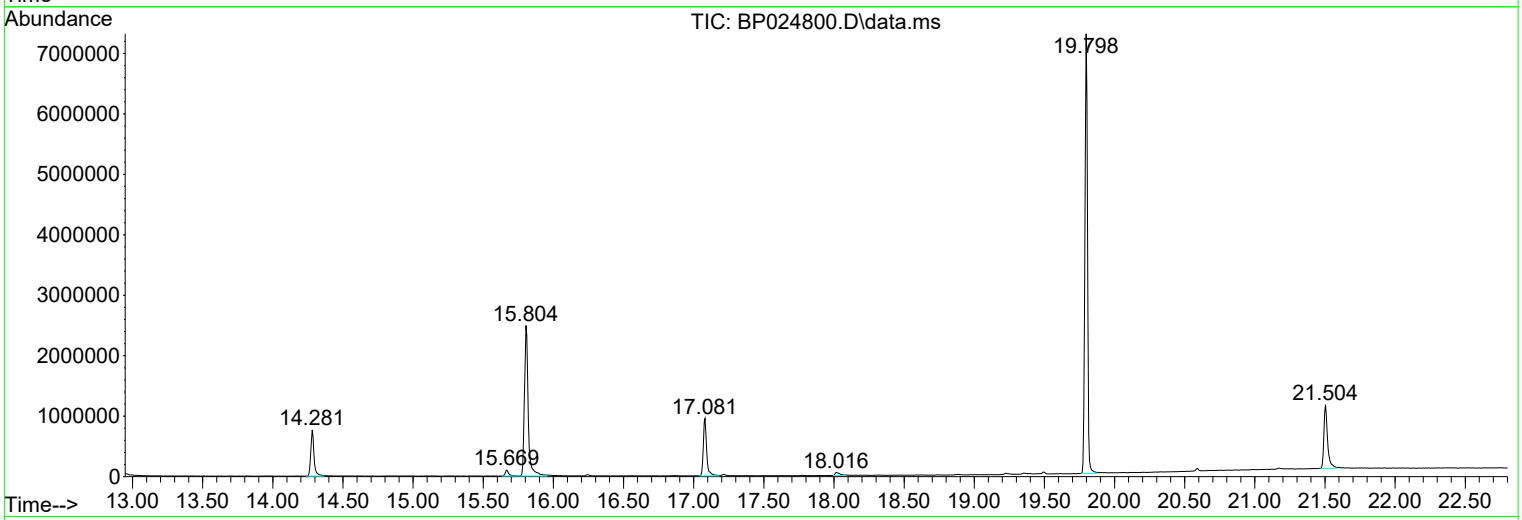
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024800.D
Acq On : 23 May 2025 19:51
Operator : RC/JU
Sample : Q2073-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

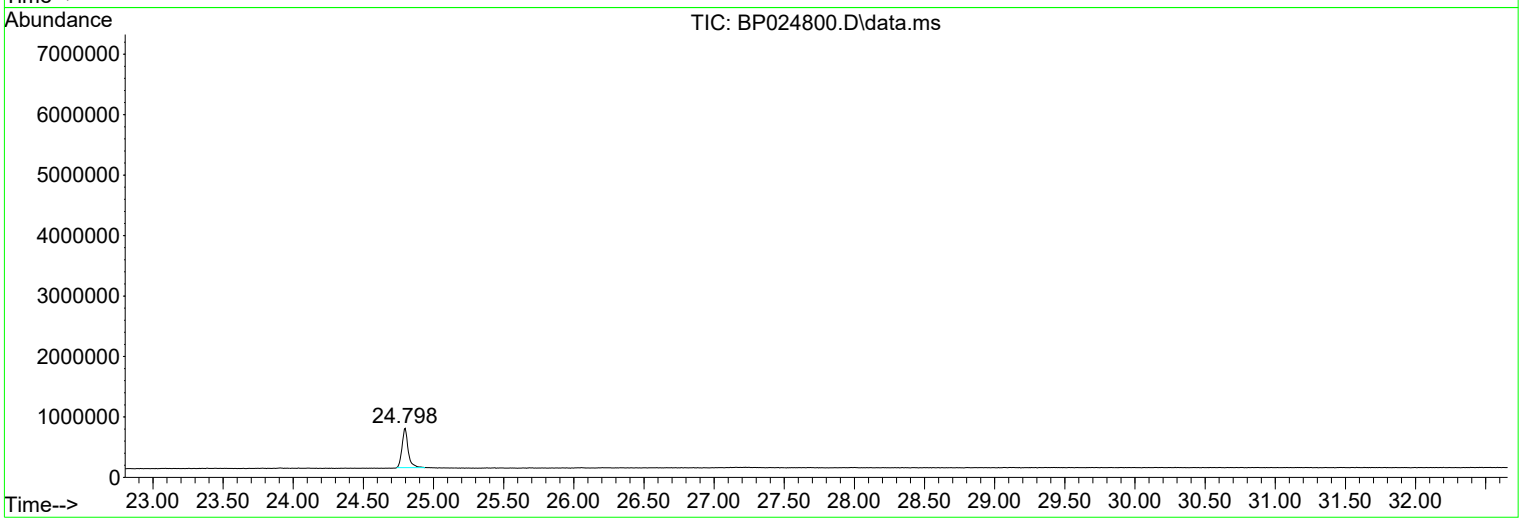
Instrument :
BNA_P
ClientSampleId :
GDW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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_P\Data\BP052325\
Data File : BP024800.D
Acq On : 23 May 2025 19:51
Operator : RC/JU
Sample : Q2073-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GDW1

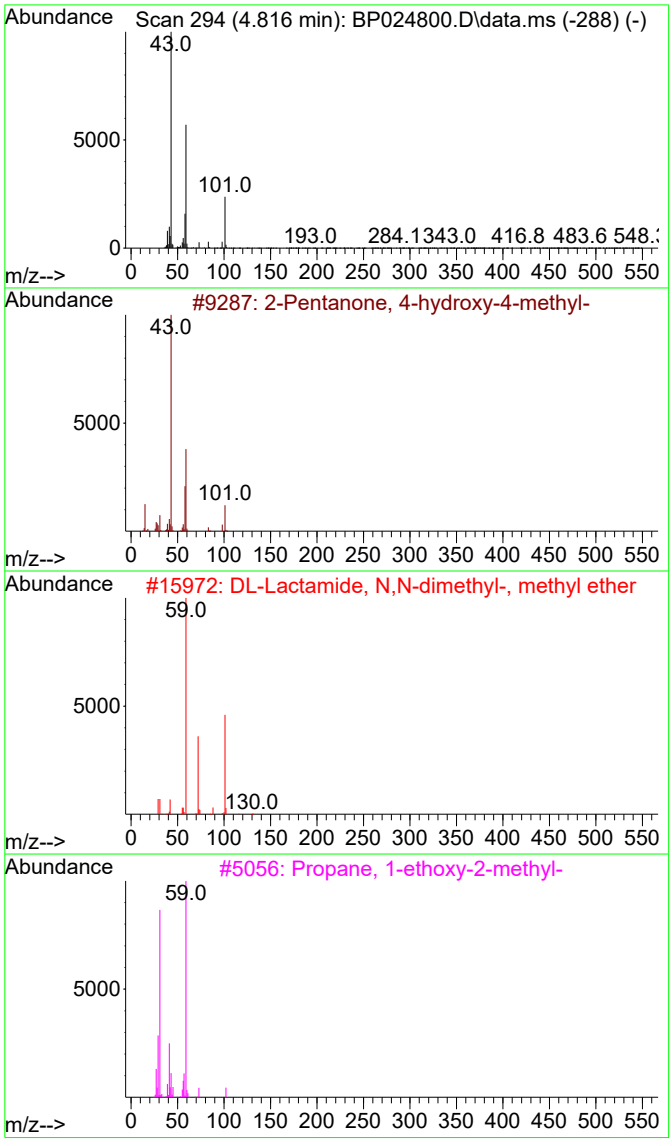
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

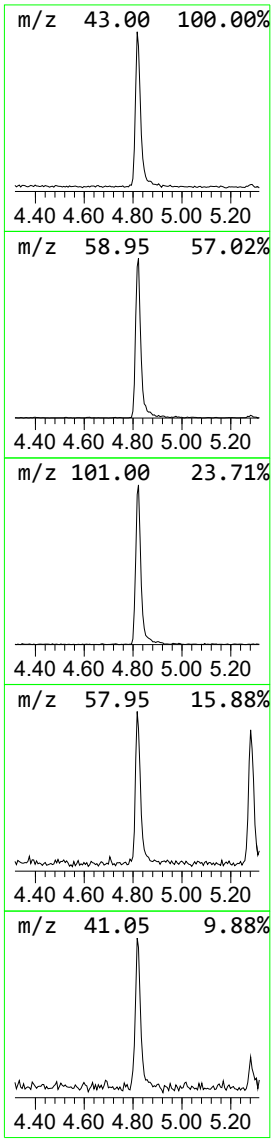
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.816	3.57 ng	103091	1,4-Dichlorobenzene-d4	7.652

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	DL-Lactamide, N,N-dimethyl-, met...	131	C6H13NO2	1000452-57-0	33
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	32
4	Tetraglyme	222	C10H22O5	000143-24-8	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024800.D
Acq On : 23 May 2025 19:51
Operator : RC/JU
Sample : Q2073-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GDW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

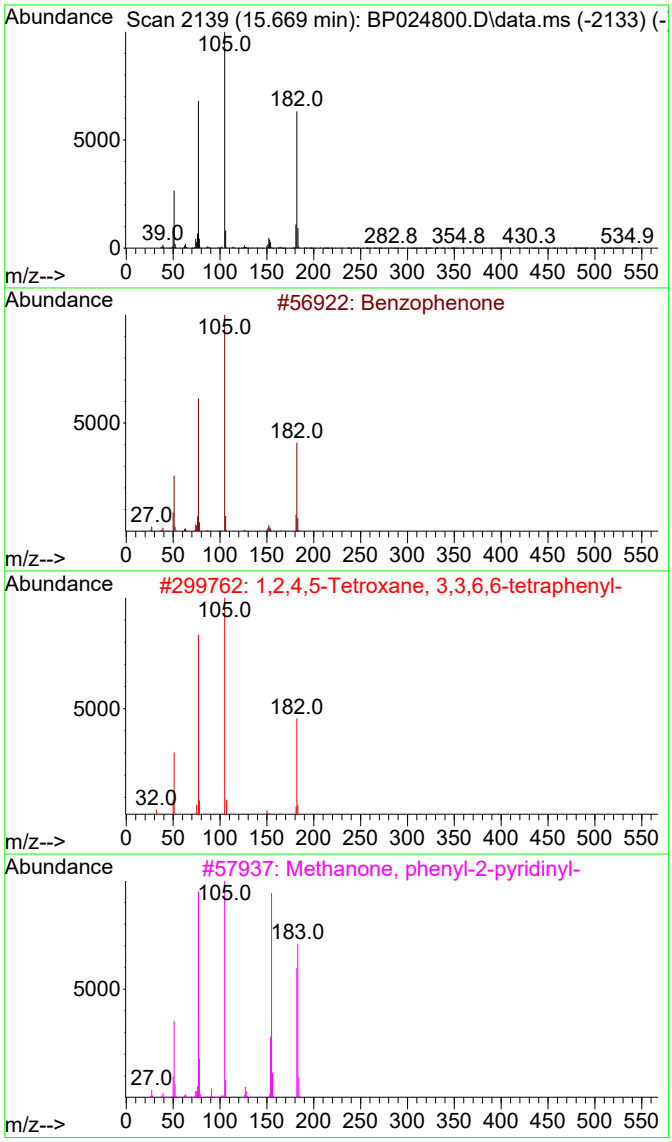
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

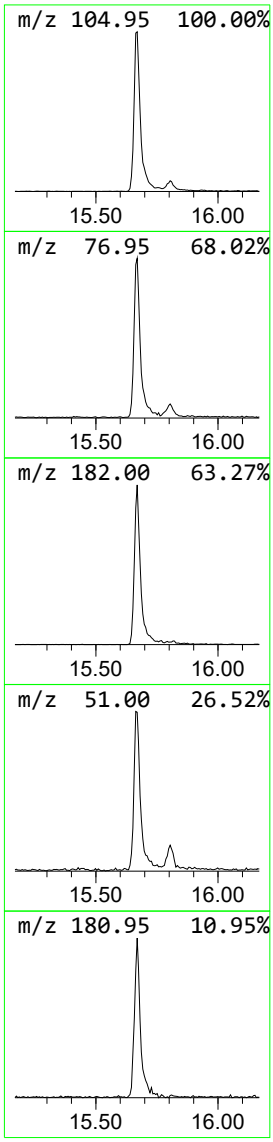
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	2.90 ng	176516	Acenaphthene-d10	14.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
4	Isovanillic acid, O-methoxycarbo...	226	C10H10O6	1000487-72-5	43
5	Azobenzene	182	C12H10N2	000103-33-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024800.D
Acq On : 23 May 2025 19:51
Operator : RC/JU
Sample : Q2073-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GDW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.816	3.6	ng	103091	1	7.652	576746	20.0
Benzophenone	15.669	2.9	ng	176516	3	14.281	1217830	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024801.D
Acq On : 23 May 2025 20:32
Operator : RC/JU
Sample : Q2073-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 24 00:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
GDW2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	87294	20.000	ng	-0.01
21) Naphthalene-d8	10.416	136	334159	20.000	ng	-0.02
39) Acenaphthene-d10	14.287	164	218481	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	466964	20.000	ng	0.00
76) Chrysene-d12	21.522	240	546335	20.000	ng	0.00
86) Perylene-d12	24.810	264	656670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	264667	51.857	ng	0.00
7) Phenol-d6	6.864	99	176066	27.029	ng	0.01
23) Nitrobenzene-d5	8.799	82	451240	68.230	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	524322	141.560	ng	0.00
45) 2-Fluorobiphenyl	12.887	172	1129754	67.746	ng	-0.02
79) Terphenyl-d14	19.816	244	2486402	78.037	ng	0.00
Target Compounds						Qvalue
35) Caprolactam	11.410	113	9982m	5.662	ng	

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

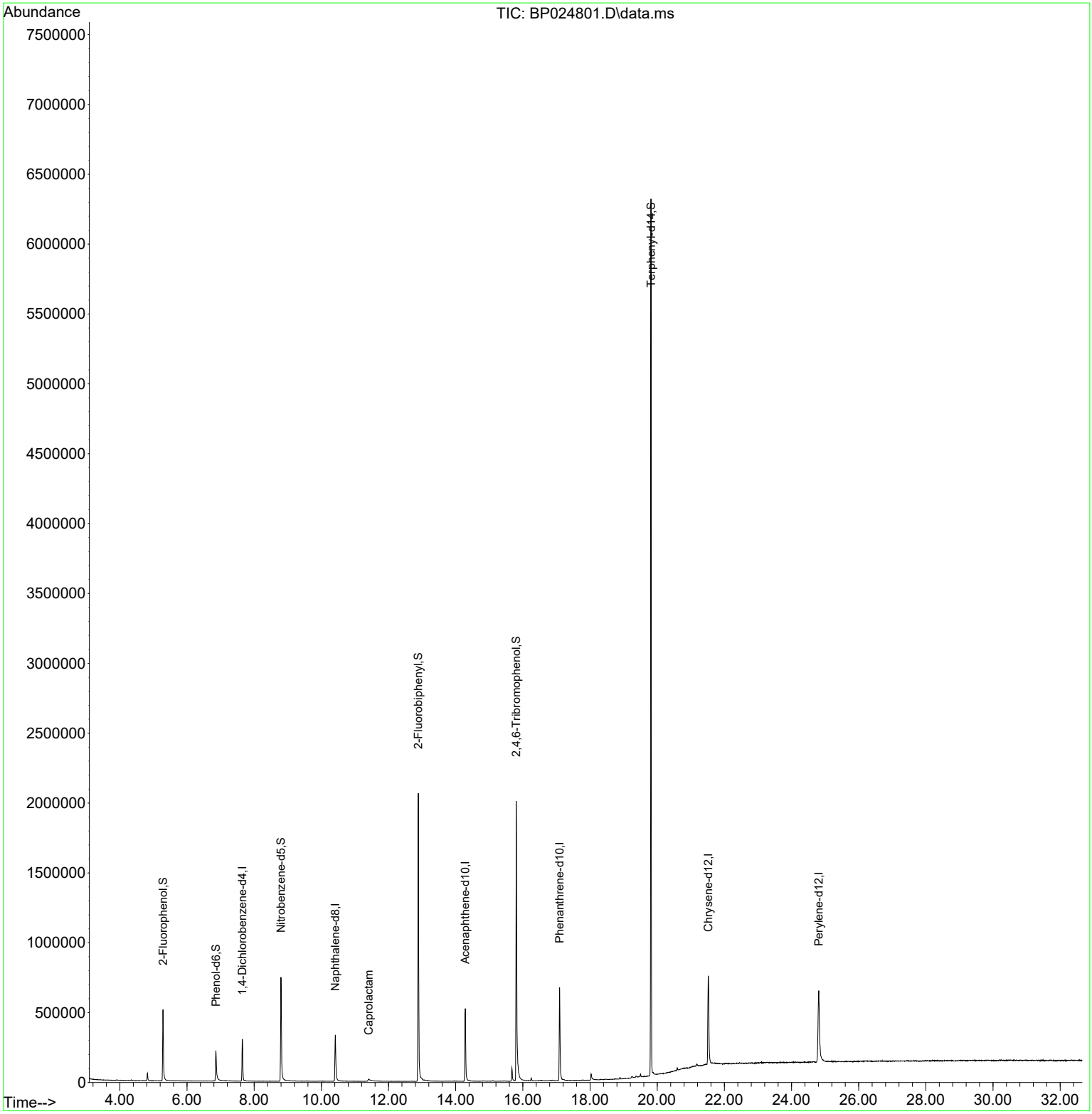
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024801.D
Acq On : 23 May 2025 20:32
Operator : RC/JU
Sample : Q2073-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

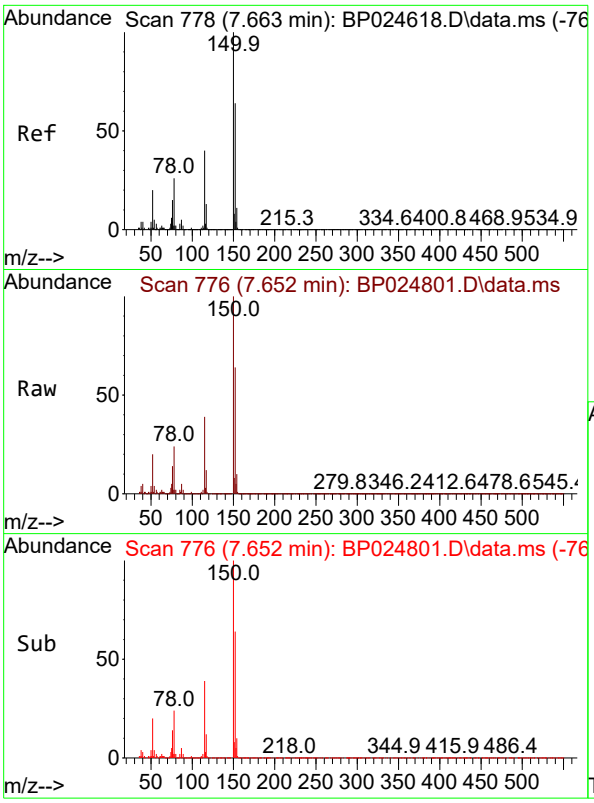
Quant Time: May 24 00:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
GDW2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

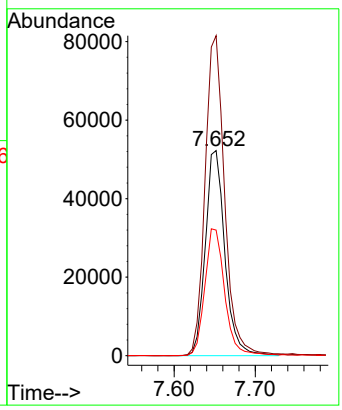




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP024801.D
Acq: 23 May 2025 20:32

Tgt Ion:152 Resp: 8729

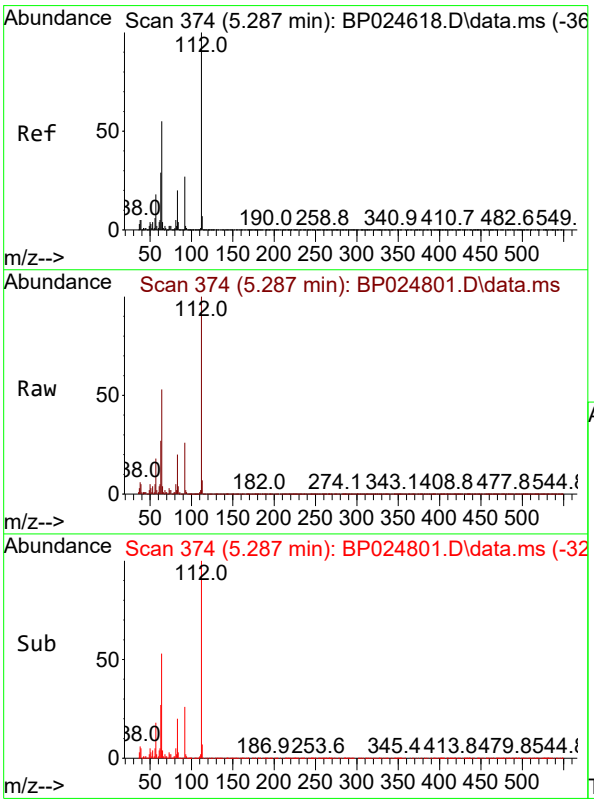
Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.9	188.9
115	61.2	50.1	75.1



Instrument :
BNA_P
ClientSampleId :
GDW2

Manual Integrations APPROVED

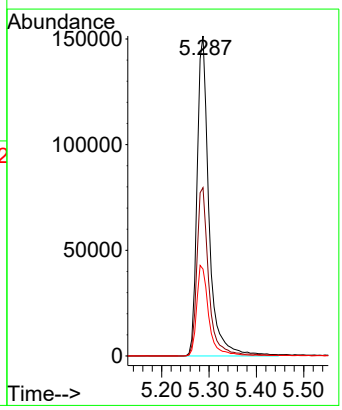
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

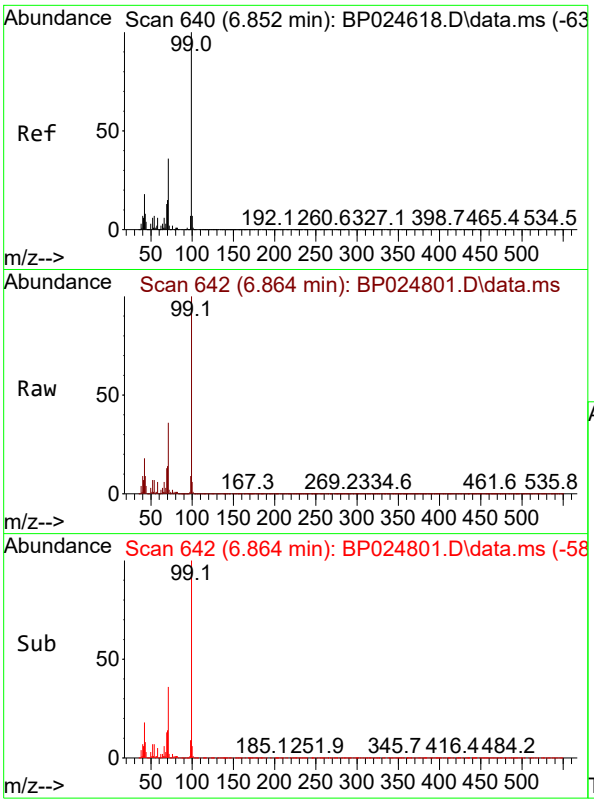


#5
2-Fluorophenol
Concen: 51.857 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024801.D
Acq: 23 May 2025 20:32

Tgt Ion:112 Resp: 264667

Ion	Ratio	Lower	Upper
112	100		
64	52.6	44.1	66.1
63	27.2	23.5	35.3

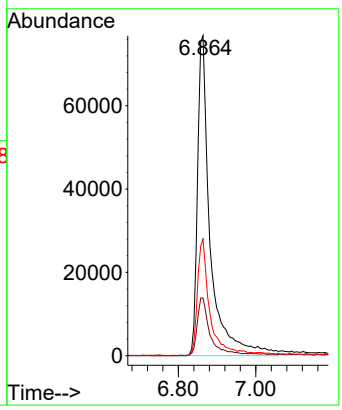




#7
Phenol-d6
Concen: 27.029 ng
RT: 6.864 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024801.D
Acq: 23 May 2025 20:32

Tgt Ion: 99 Resp: 17606

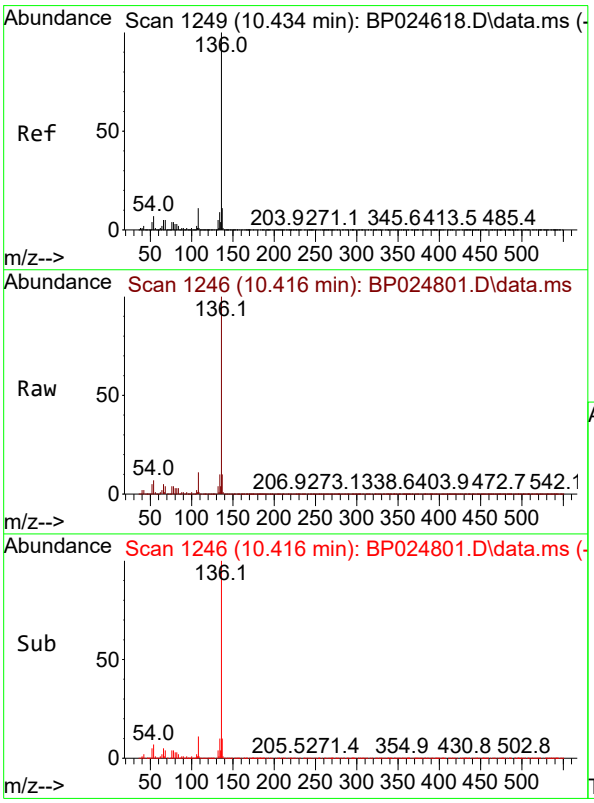
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.4	21.6
71	36.4	29.2	43.8



Instrument :
BNA_P
ClientSampleId :
GDW2

Manual Integrations APPROVED

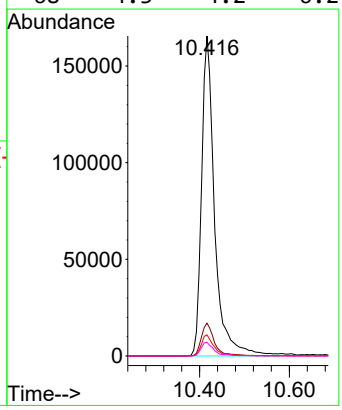
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

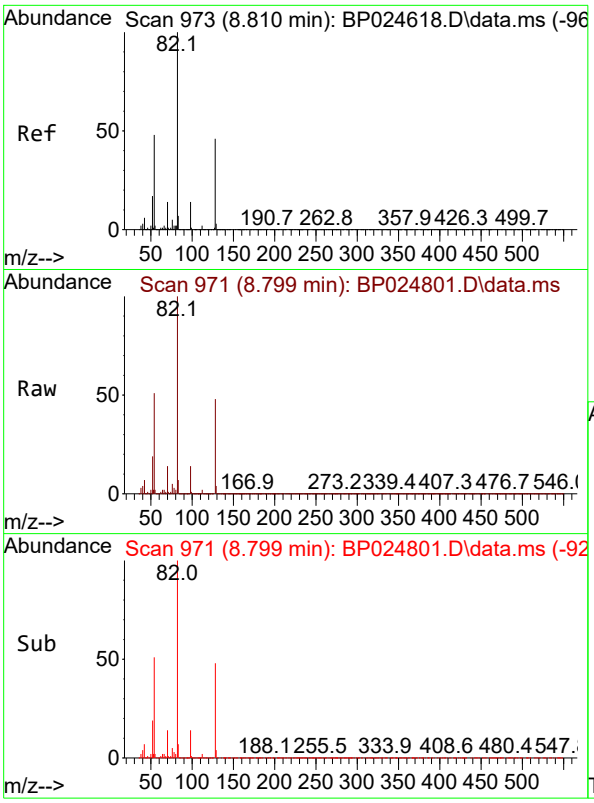


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.018 min
Lab File: BP024801.D
Acq: 23 May 2025 20:32

Tgt Ion:136 Resp: 334159

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	6.6	5.5	8.3
68	4.3	4.2	6.2

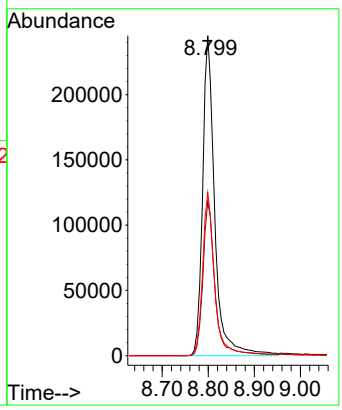




#23
Nitrobenzene-d5
Concen: 68.230 ng
RT: 8.799 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024801.D
Acq: 23 May 2025 20:32

Tgt Ion: 82 Resp: 45124

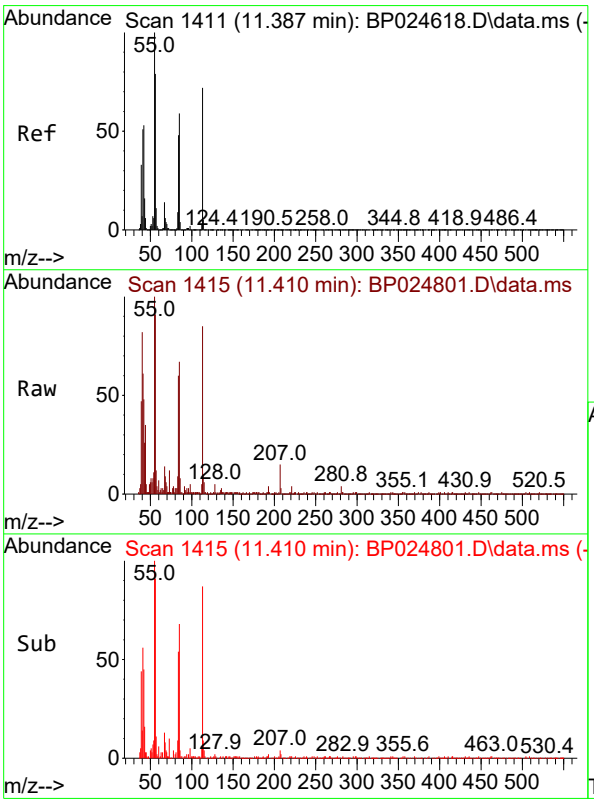
Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.0	55.4
54	51.0	38.7	58.1



Instrument :
BNA_P
ClientSampleId :
GDW2

Manual Integrations
APPROVED

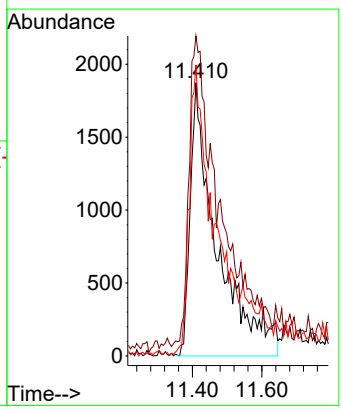
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

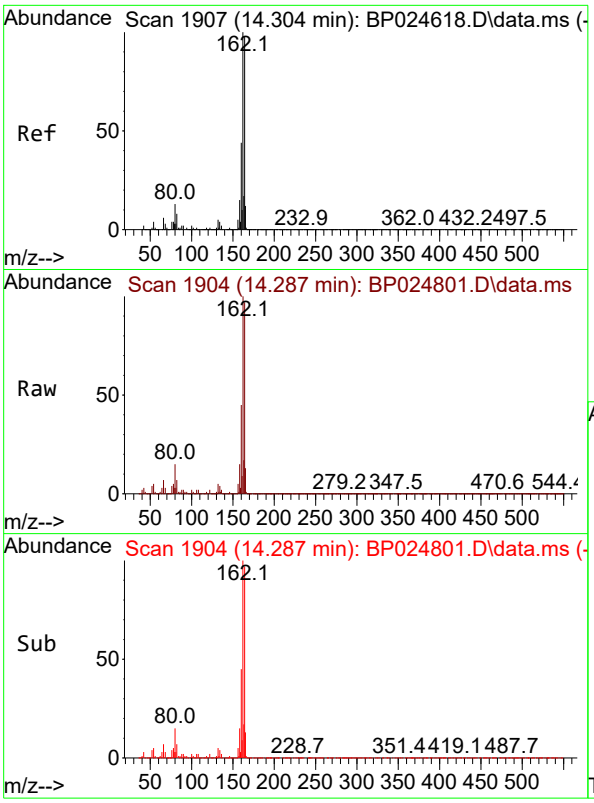


#35
Caprolactam
Concen: 5.662 ng m
RT: 11.410 min Scan# 1415
Delta R.T. 0.024 min
Lab File: BP024801.D
Acq: 23 May 2025 20:32

Tgt Ion:113 Resp: 9982

Ion	Ratio	Lower	Upper
113	100		
55	117.1	119.0	159.0#
56	106.5	90.3	130.3

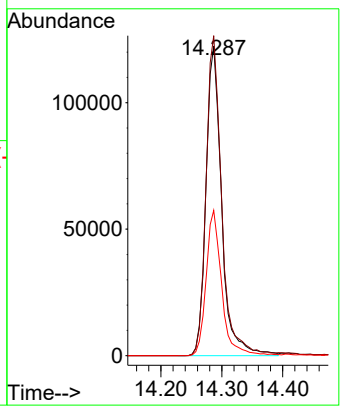




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024801.D
Acq: 23 May 2025 20:32

Tgt Ion:164 Resp: 21848

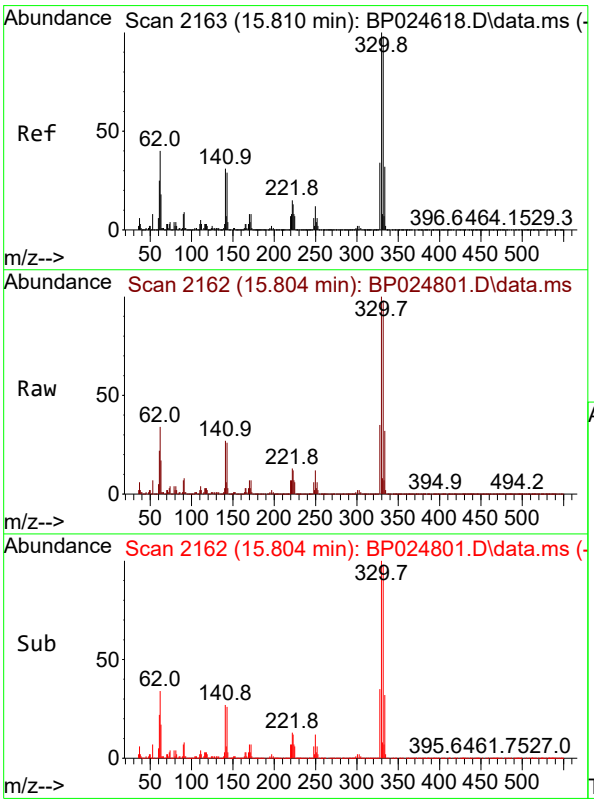
Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.8	122.6
160	46.9	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
GDW2

Manual Integrations APPROVED

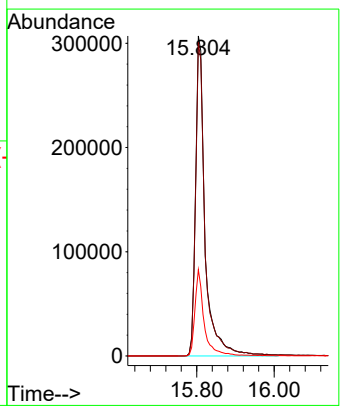
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

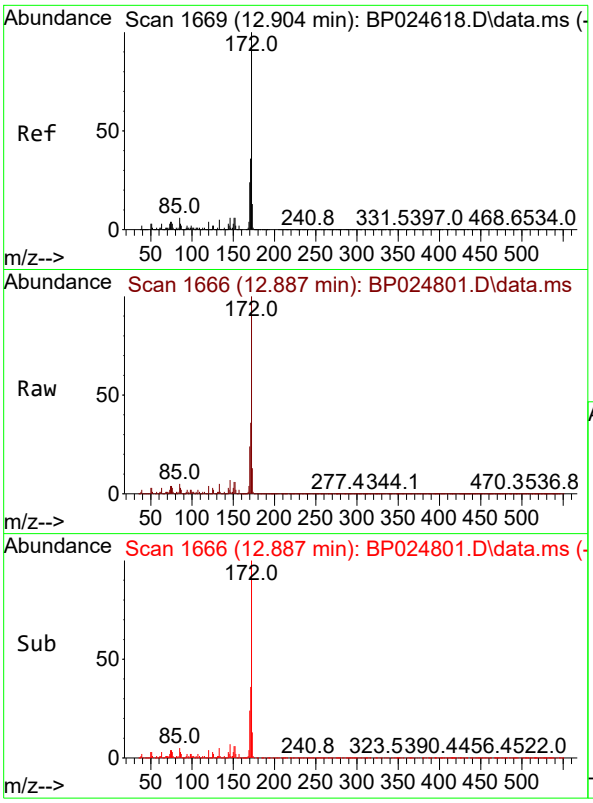


#42
2,4,6-Tribromophenol
Concen: 141.560 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024801.D
Acq: 23 May 2025 20:32

Tgt Ion:330 Resp: 524322

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.2	117.4
141	26.1	24.3	36.5

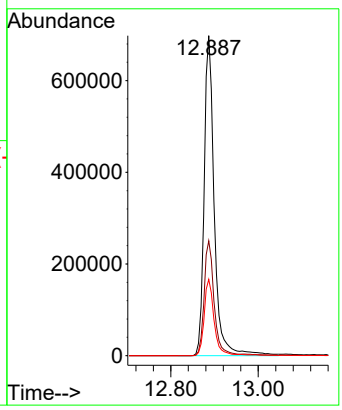




#45
2-Fluorobiphenyl
Concen: 67.746 ng
RT: 12.887 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024801.D
Acq: 23 May 2025 20:32

Tgt Ion:172 Resp: 112975

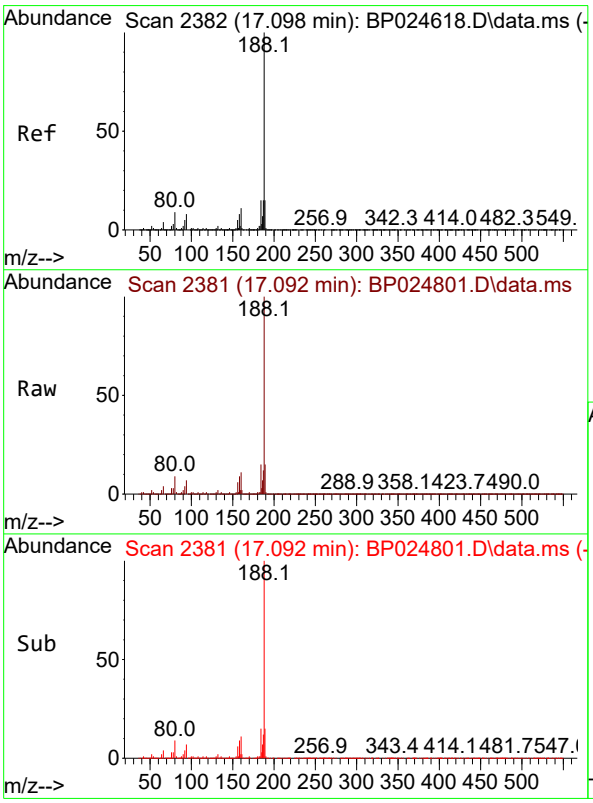
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.8	18.8	28.2



Instrument :
BNA_P
ClientSampleId :
GDW2

Manual Integrations APPROVED

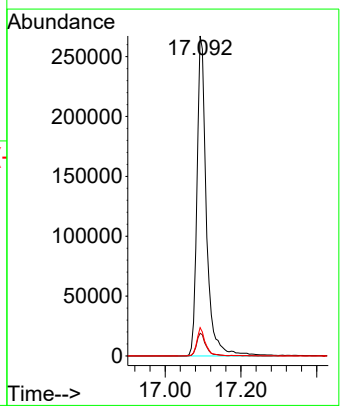
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

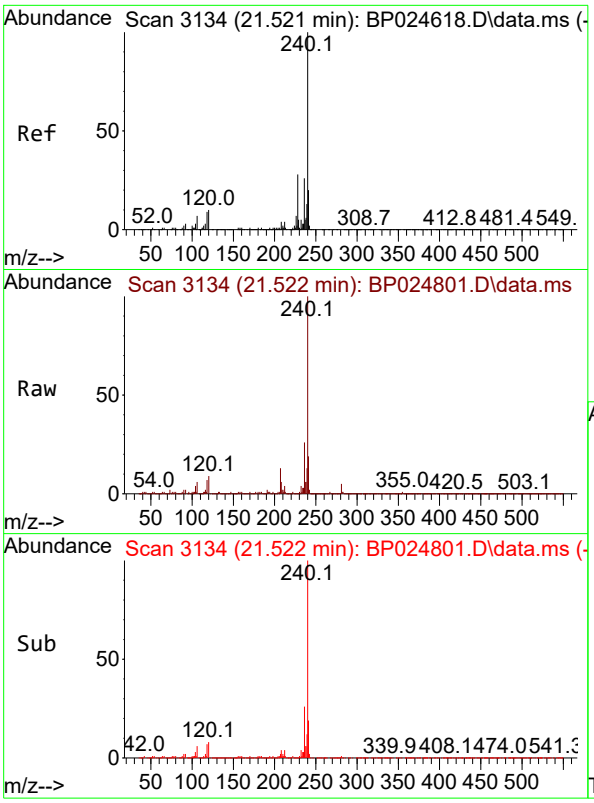


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024801.D
Acq: 23 May 2025 20:32

Tgt Ion:188 Resp: 466964

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.5	9.7
80	8.8	7.3	10.9

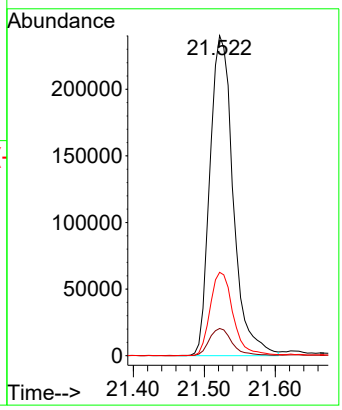




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.522 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024801.D
Acq: 23 May 2025 20:32

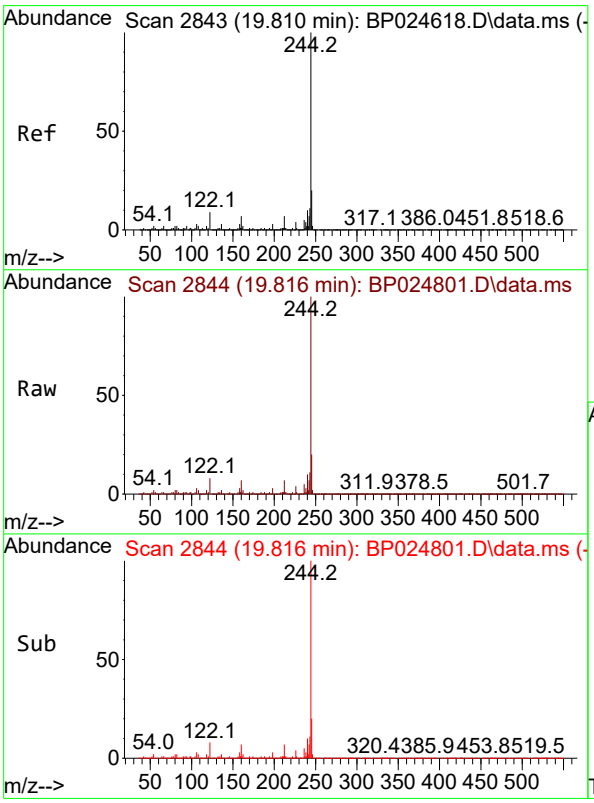
Tgt Ion:240 Resp: 54633

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.8	11.6
236	26.0	20.6	31.0



Instrument :
BNA_P
ClientSampleId :
GDW2

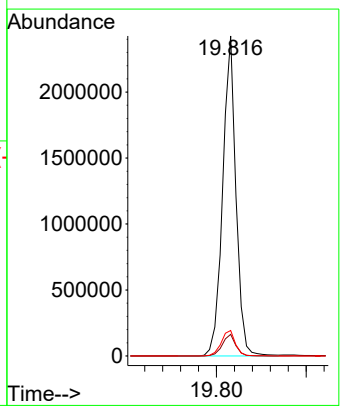
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

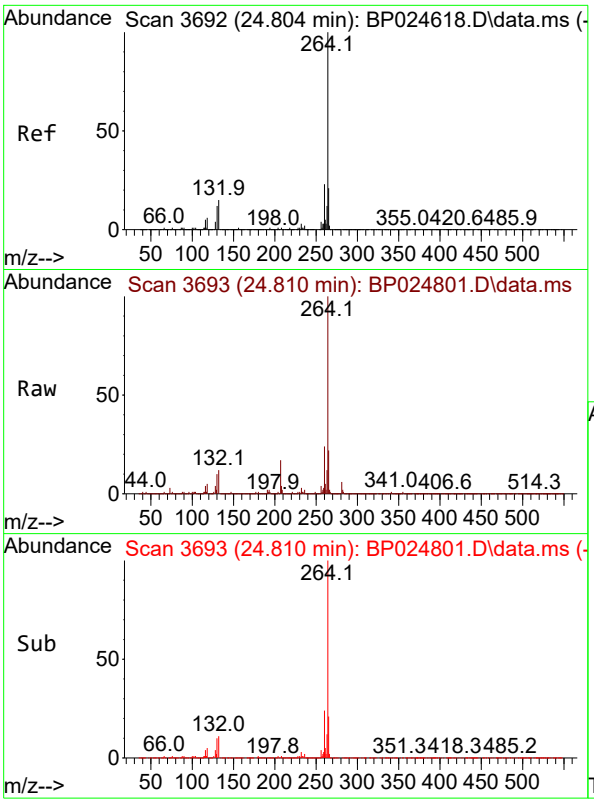


#79
Terphenyl-d14
Concen: 78.037 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.006 min
Lab File: BP024801.D
Acq: 23 May 2025 20:32

Tgt Ion:244 Resp: 2486402

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	7.9	7.4	11.0

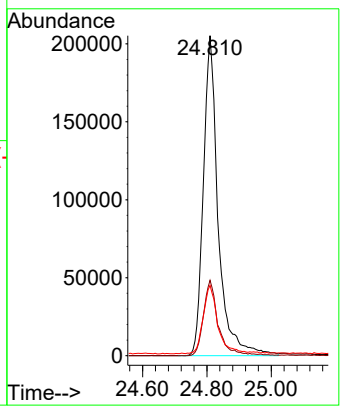




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.810 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024801.D
Acq: 23 May 2025 20:32

Tgt Ion:264 Resp: 65667

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.9	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
GDW2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

Sample Results: **BP024801.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024801.D
Acq On : 23 May 2025 20:32
Operator : RC/JU
Sample : Q2073-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GDW2

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_P\Methods\8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024801.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.822	290	295	305	rBV	51509	76111	1.16%	0.336%
2	5.287	368	374	392	rBV	510636	894207	13.66%	3.952%
3	6.864	636	642	662	rBV	213414	482289	7.37%	2.131%
4	7.652	768	776	786	rBV	298786	507635	7.75%	2.243%
5	8.799	963	971	995	rBV	744885	1378678	21.06%	6.093%
6	10.416	1239	1246	1268	rBV	330787	662921	10.13%	2.930%
7	11.410	1408	1415	1436	rBV6	15019	71221	1.09%	0.315%
8	12.887	1659	1666	1693	rBV	2060937	3321993	50.74%	14.681%
9	14.287	1896	1904	1923	rBV	520938	943110	14.41%	4.168%
10	15.675	2133	2140	2150	rBV	95326	168138	2.57%	0.743%
11	15.804	2156	2162	2197	rBV	2002641	3357125	51.28%	14.837%
12	17.092	2375	2381	2394	rBV2	665986	1140066	17.41%	5.038%
13	18.034	2536	2541	2549	rBV3	43742	87904	1.34%	0.388%
14	19.816	2838	2844	2852	rBV	6274588	6546989	100.00%	28.934%
15	21.522	3128	3134	3148	rBV2	628729	1417719	21.65%	6.266%
16	24.810	3684	3693	3724	rVB	504725	1571189	24.00%	6.944%

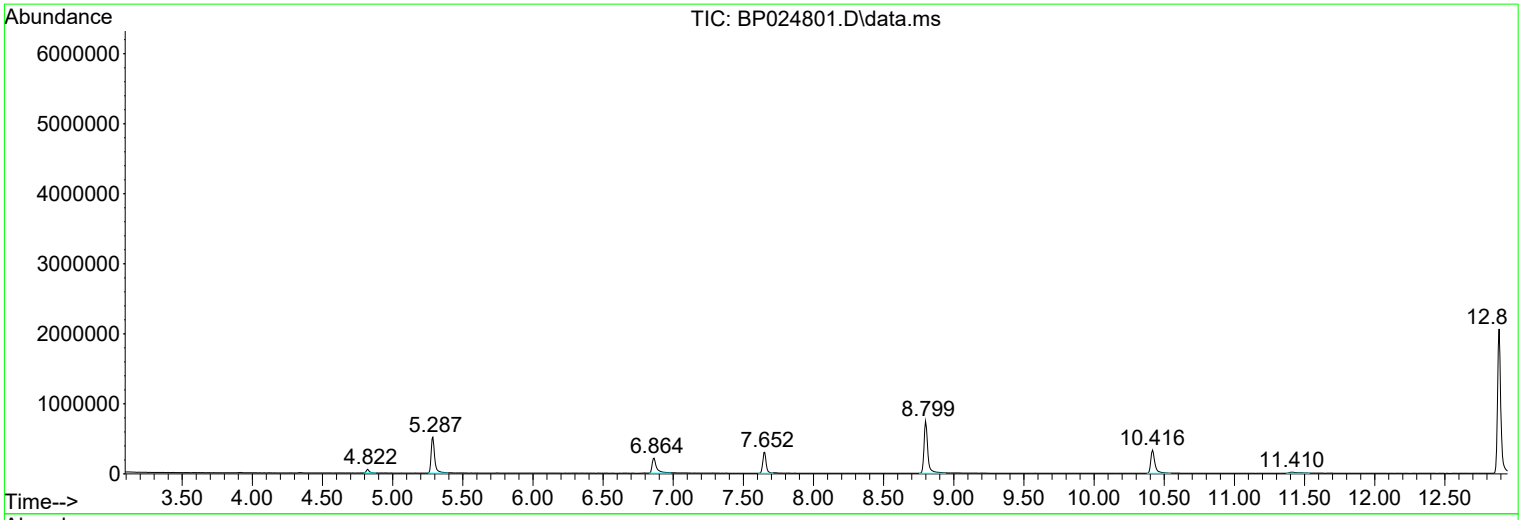
Sum of corrected areas: 22627295

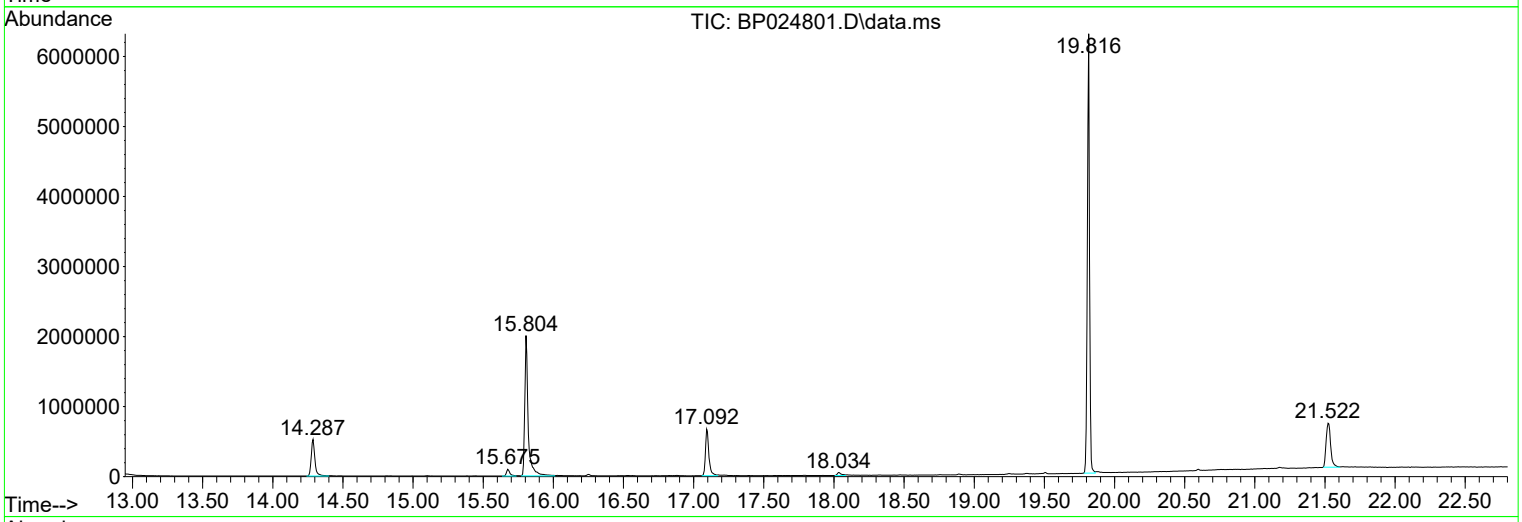
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024801.D
Acq On : 23 May 2025 20:32
Operator : RC/JU
Sample : Q2073-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

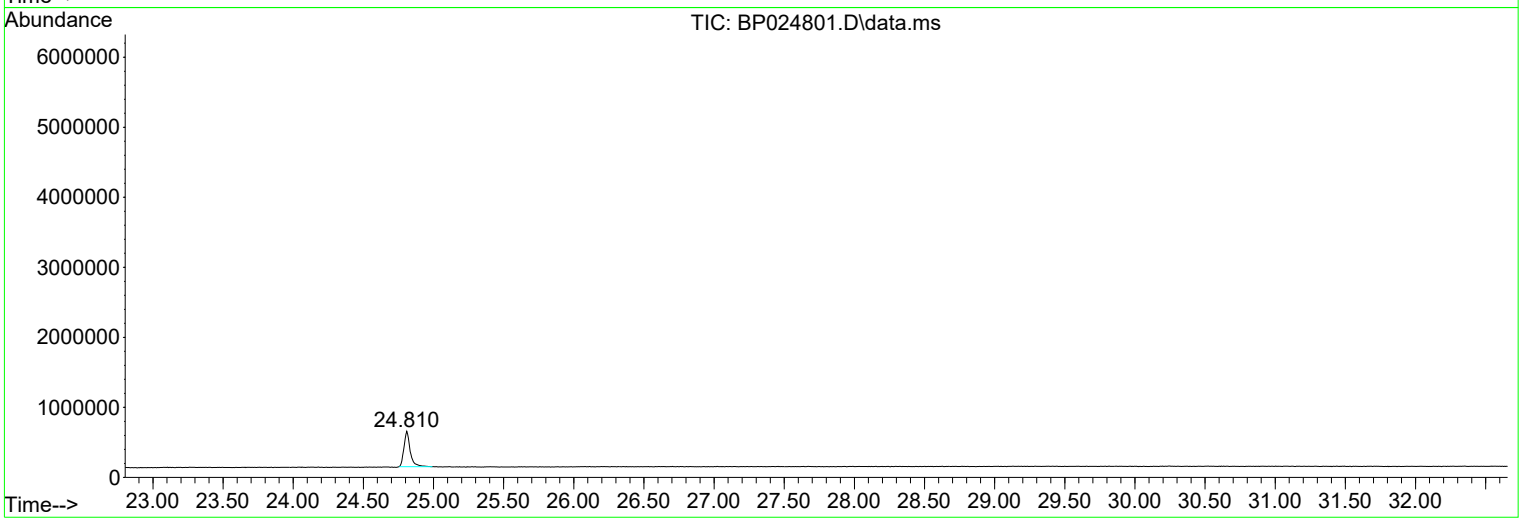
Instrument :
BNA_P
ClientSampleId :
GDW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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_P\Data\BP052325\
Data File : BP024801.D
Acq On : 23 May 2025 20:32
Operator : RC/JU
Sample : Q2073-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GDW2

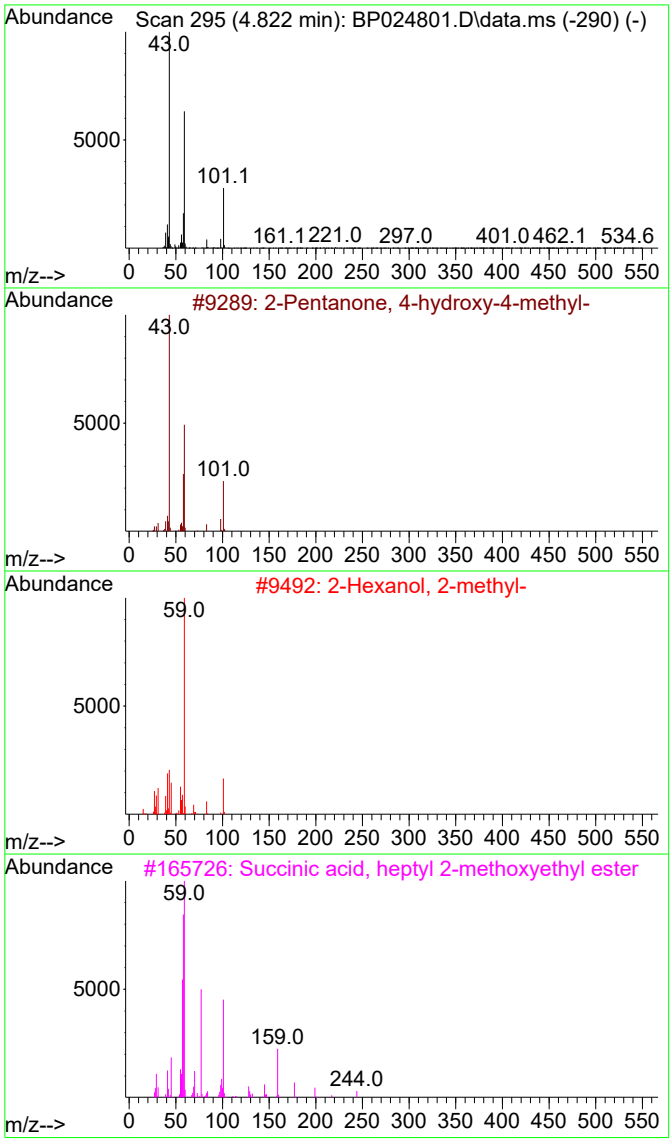
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

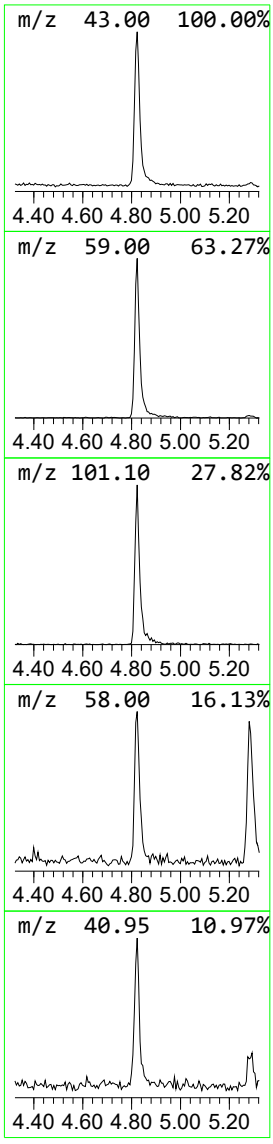
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.822	3.00 ng	76111	1,4-Dichlorobenzene-d4	7.652

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	53
3	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	33
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024801.D
Acq On : 23 May 2025 20:32
Operator : RC/JU
Sample : Q2073-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GDW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

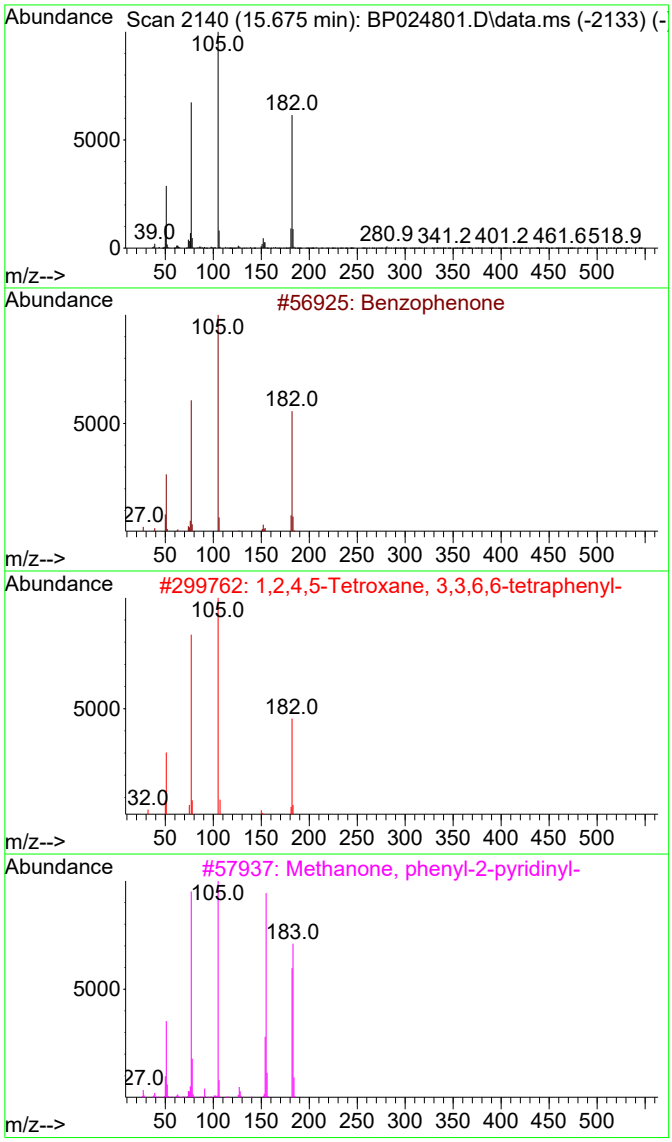
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

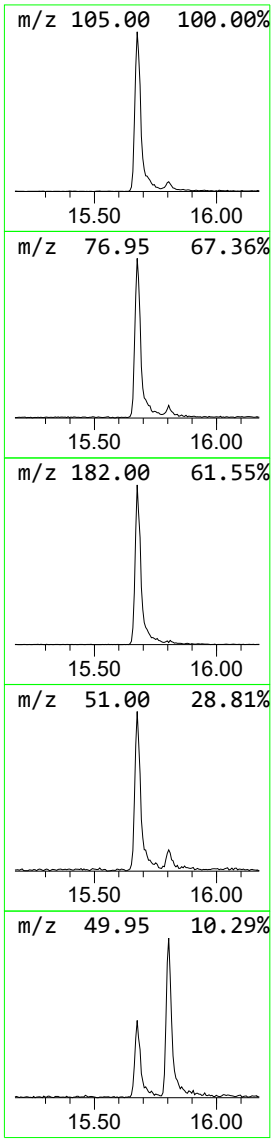
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.675	3.57 ng	168138	Acenaphthene-d10	14.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024801.D
Acq On : 23 May 2025 20:32
Operator : RC/JU
Sample : Q2073-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GDW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.822	3.0	ng	76111	1	7.652	507635	20.0
Benzophenone	15.675	3.6	ng	168138	3	14.287	943110	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024754.D
Acq On : 22 May 2025 11:37
Operator : RC/JU
Sample : PB168098BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BL

Quant Time: May 22 11:56:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

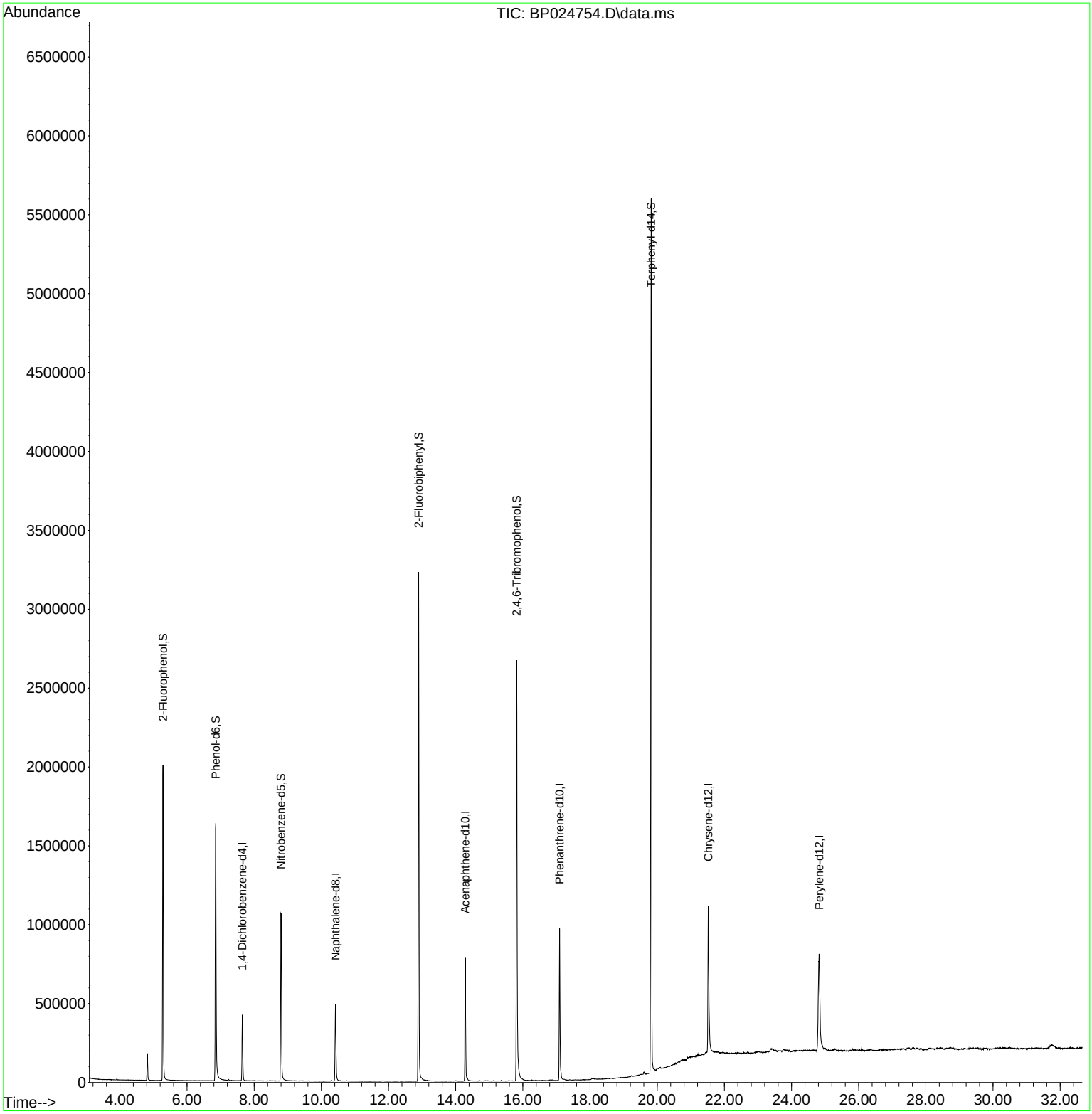
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	115351	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	453620	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	285428	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	613349	20.000	ng	0.00
76) Chrysene-d12	21.522	240	715536	20.000	ng	0.00
86) Perylene-d12	24.821	264	855120	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	894994	132.705	ng	0.00
7) Phenol-d6	6.858	99	1057300	122.835	ng	0.00
23) Nitrobenzene-d5	8.799	82	673508	75.019	ng	-0.01
42) 2,4,6-Tribromophenol	15.816	330	734079	151.706	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1683571	77.276	ng	0.00
79) Terphenyl-d14	19.822	244	3464548	83.024	ng	0.01
Target Compounds						Qvalue

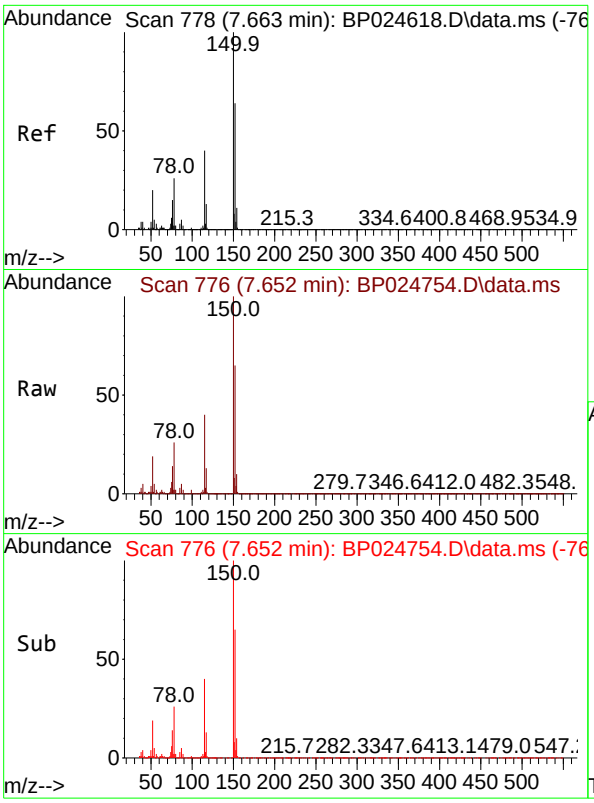
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024754.D
Acq On : 22 May 2025 11:37
Operator : RC/JU
Sample : PB168098BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BL

Quant Time: May 22 11:56:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



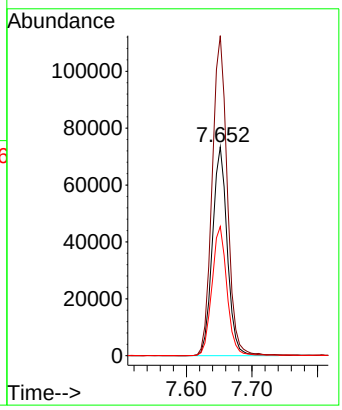


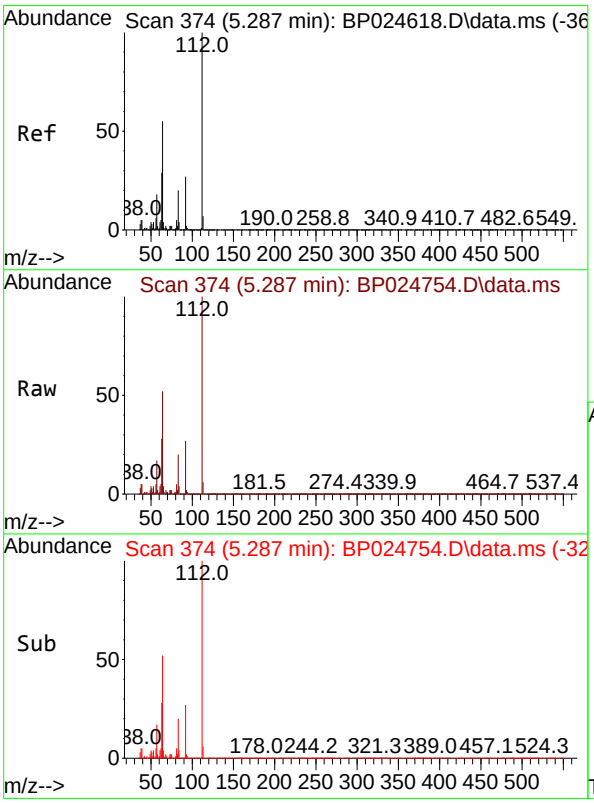
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Instrument :
BNA_P
ClientSampleId :
PB168098BL

Tgt Ion:152 Resp: 115351

Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.9	188.9
115	61.8	50.1	75.1

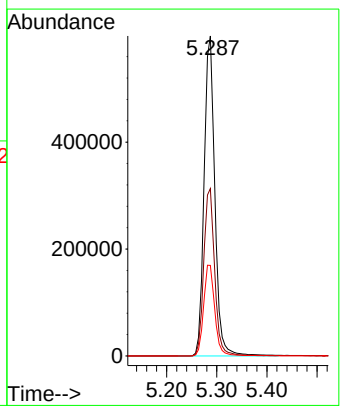


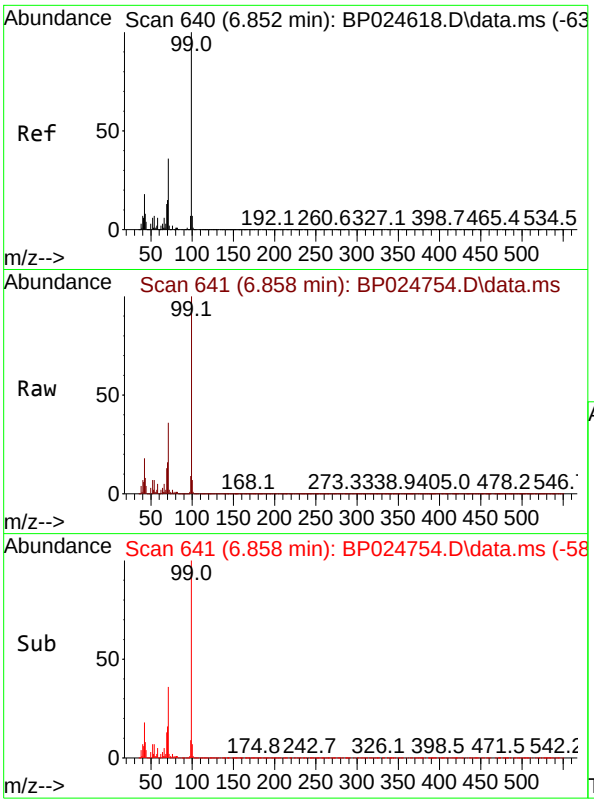


#5
2-Fluorophenol
Concen: 132.705 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion:112 Resp: 894994

Ion	Ratio	Lower	Upper
112	100		
64	52.3	44.1	66.1
63	28.3	23.5	35.3



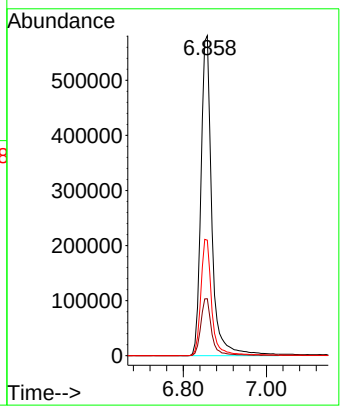


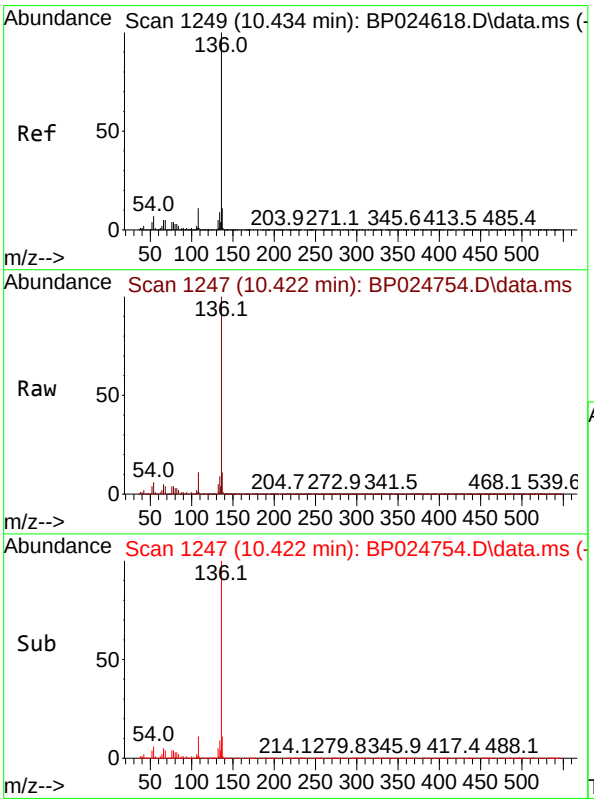
#7
Phenol-d6
Concen: 122.835 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Instrument :
BNA_P
ClientSampleId :
PB168098BL

Tgt Ion: 99 Resp: 1057300

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.4	21.6
71	36.1	29.2	43.8

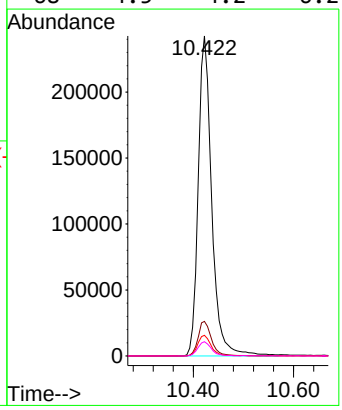


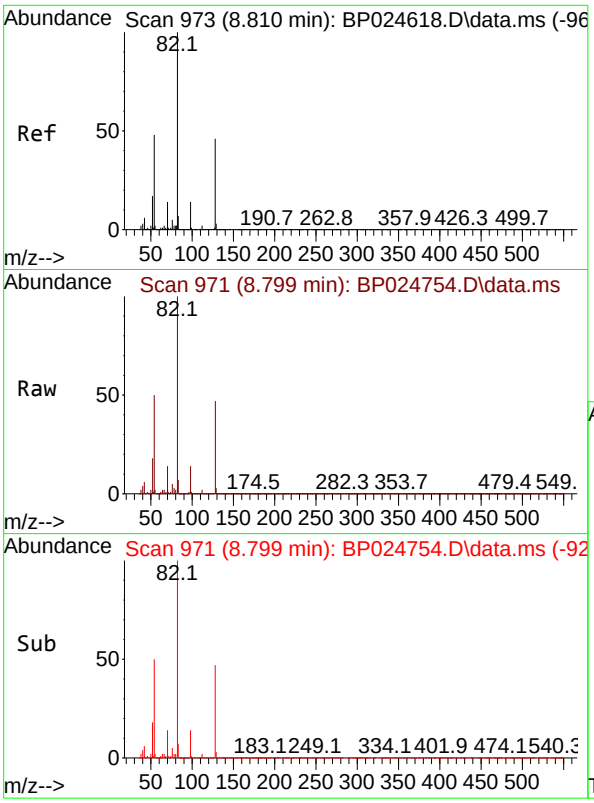


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion:136 Resp: 453620

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.5	5.5	8.3
68	4.5	4.2	6.2



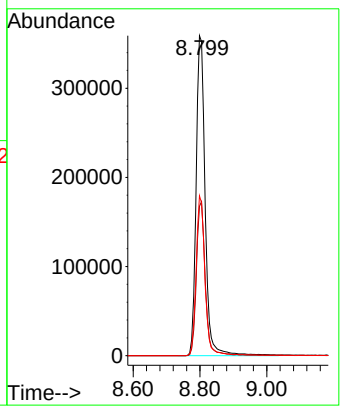


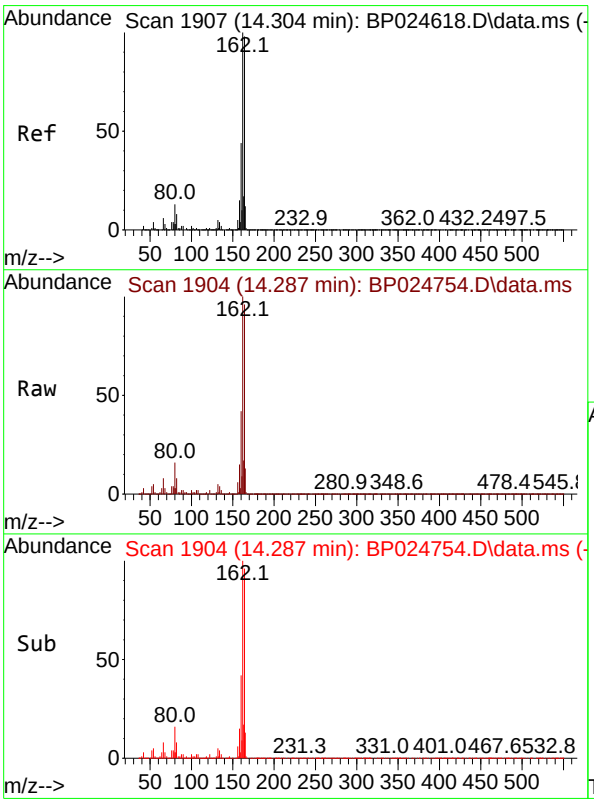
#23
Nitrobenzene-d5
Concen: 75.019 ng
RT: 8.799 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Instrument :
BNA_P
ClientSampleId :
PB168098BL

Tgt Ion: 82 Resp: 673508

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.0	55.4
54	50.0	38.7	58.1

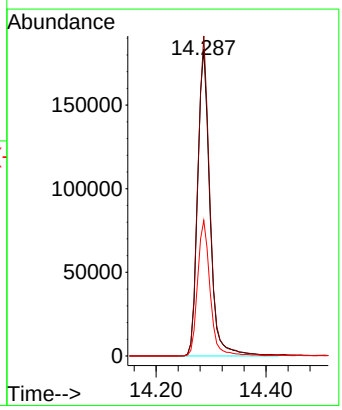


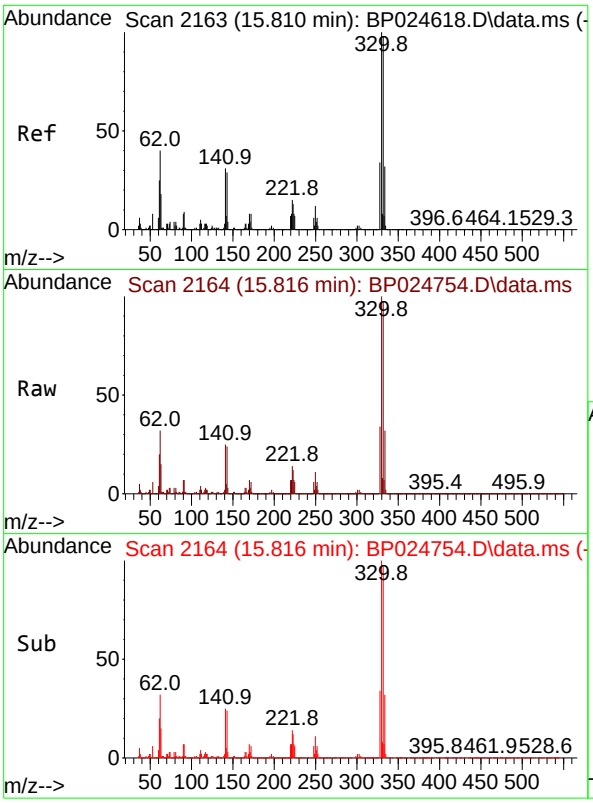


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion:164 Resp: 285428

Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.8	122.6
160	44.2	36.3	54.5



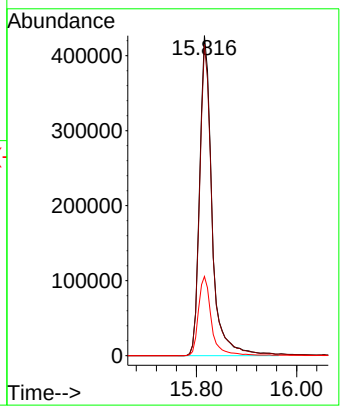


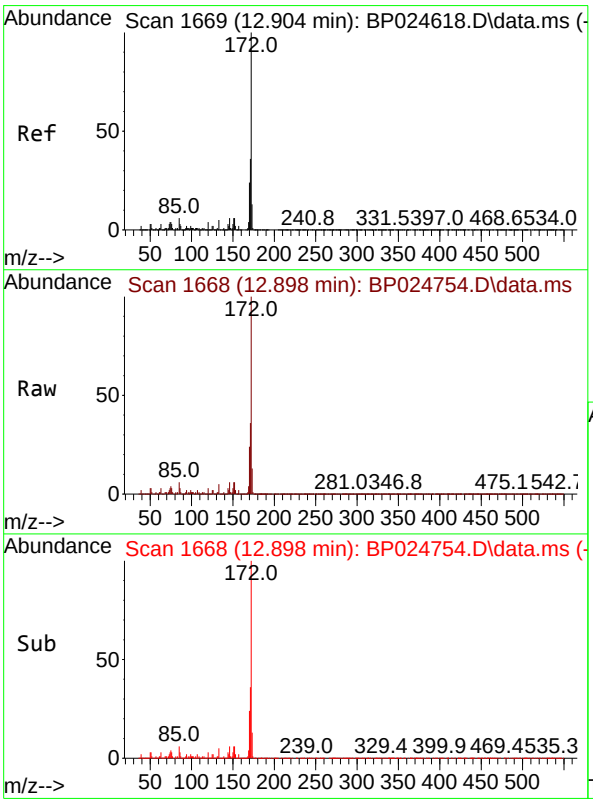
#42
2,4,6-Tribromophenol
Concen: 151.706 ng
RT: 15.816 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Instrument :
BNA_P
ClientSampleId :
PB168098BL

Tgt Ion:330 Resp: 734079

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.4
141	26.0	24.3	36.5

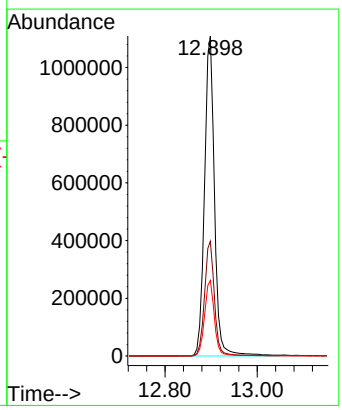


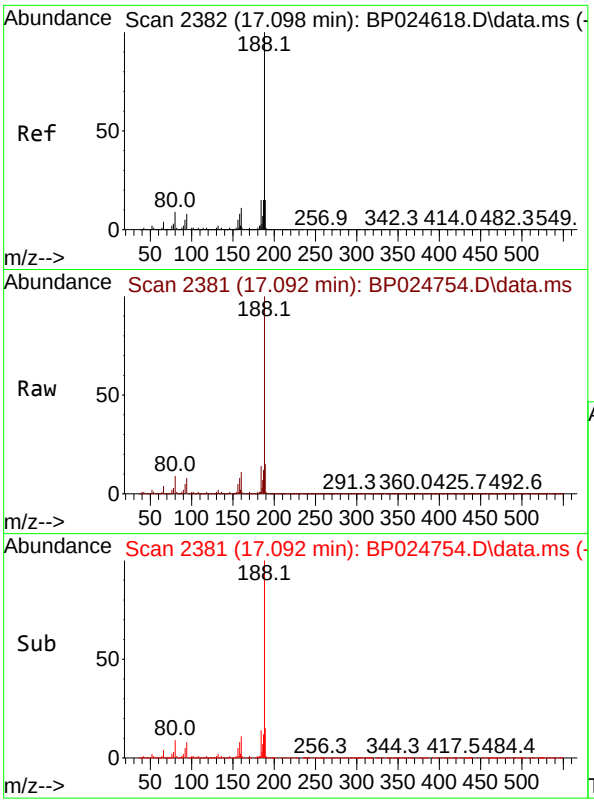


#45
2-Fluorobiphenyl
Concen: 77.276 ng
RT: 12.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion:172 Resp: 1683571

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.6	18.8	28.2



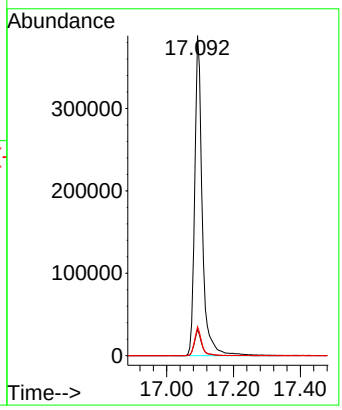


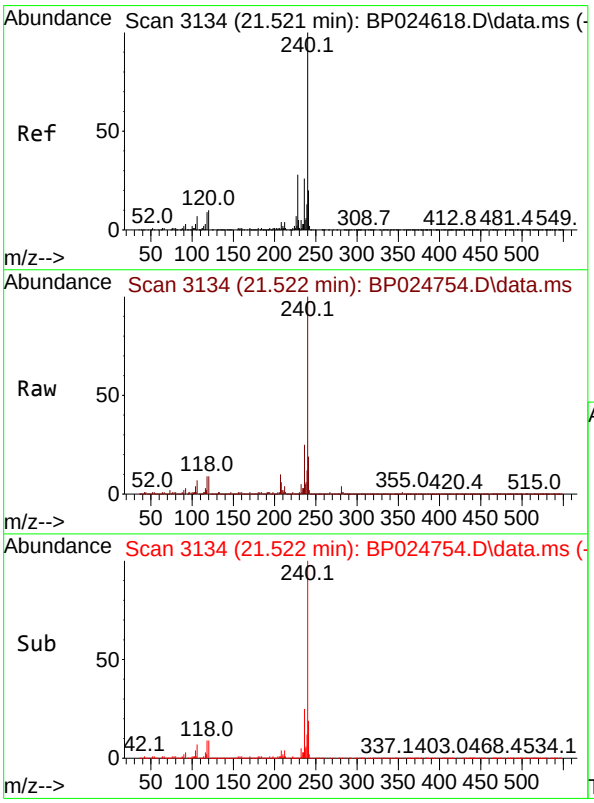
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Instrument :
BNA_P
ClientSampleId :
PB168098BL

Tgt Ion:188 Resp: 613349

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.5	9.7
80	9.0	7.3	10.9

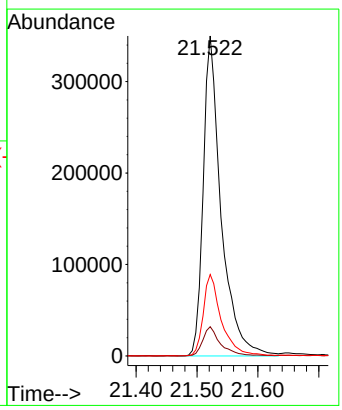


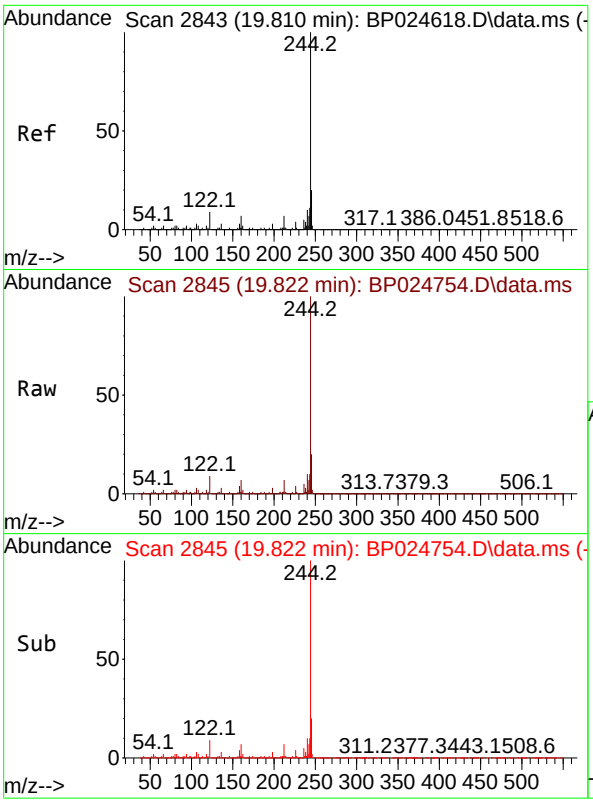


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion:240 Resp: 715536

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.8	11.6
236	25.4	20.6	31.0



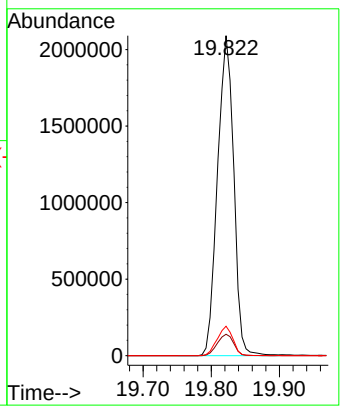


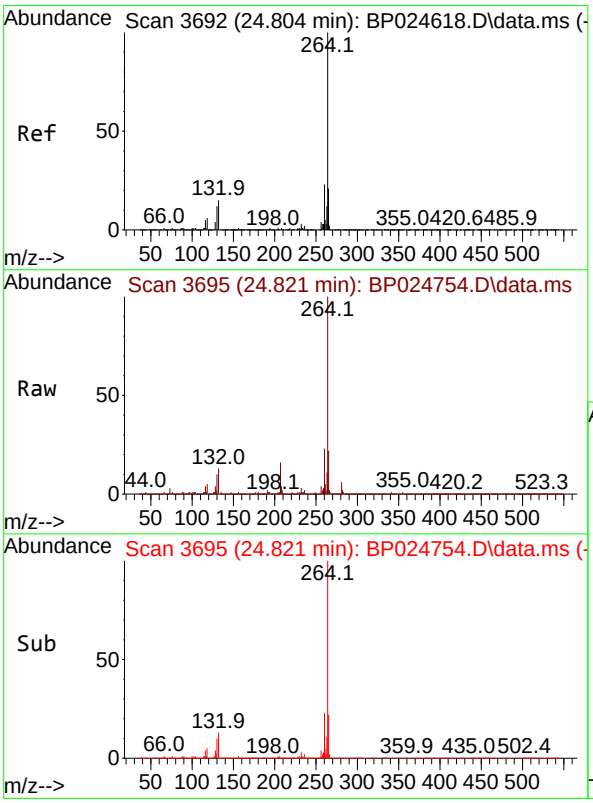
#79
Terphenyl-d14
Concen: 83.024 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Instrument :
BNA_P
ClientSampleId :
PB168098BL

Tgt Ion:244 Resp: 3464548

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	9.2	7.4	11.0

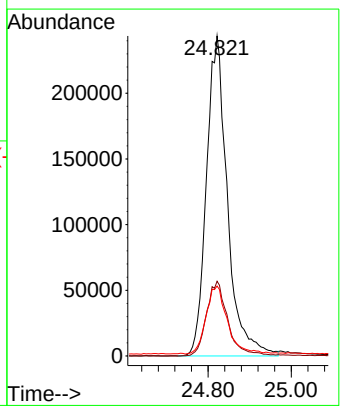




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.821 min Scan# 3695
Delta R.T. 0.018 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion:264 Resp: 855120

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.8	17.0	25.6



Sample Results: **BP024754.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024754.D
Acq On : 22 May 2025 11:37
Operator : RC/JU
Sample : PB168098BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BL

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_P\Methods\8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024754.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.817	289	294	305	rBV	167951	245360	2.67%	0.696%
2	5.287	367	374	393	rBV	1996534	3035991	33.06%	8.608%
3	6.858	633	641	663	rBV	1632502	2994622	32.61%	8.491%
4	7.652	769	776	789	rBV	417926	669511	7.29%	1.898%
5	8.799	964	971	992	rBV	1061924	1997168	21.75%	5.662%
6	10.422	1239	1247	1267	rBV	483347	907210	9.88%	2.572%
7	12.898	1660	1668	1691	rBV	3226526	4912047	53.49%	13.927%
8	14.287	1897	1904	1923	rBV	781372	1224011	13.33%	3.470%
9	15.816	2155	2164	2189	rBV	2666622	4709882	51.29%	13.354%
10	17.092	2375	2381	2397	rBV	961914	1507216	16.41%	4.273%
11	19.822	2838	2845	2856	rBV	5540480	9183714	100.00%	26.038%
12	21.522	3128	3134	3159	rBV2	926946	1917826	20.88%	5.438%
13	24.821	3685	3695	3709	rBV	596760	1965620	21.40%	5.573%

Sum of corrected areas: 35270178

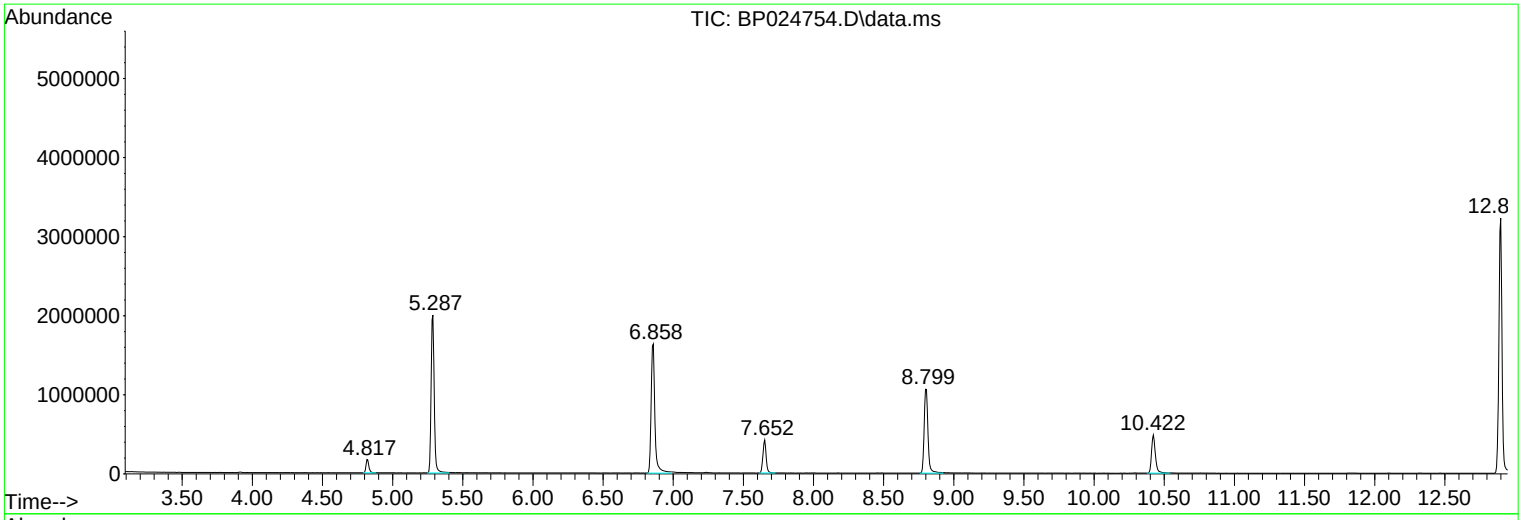
Sample Results: **BP024754.D**

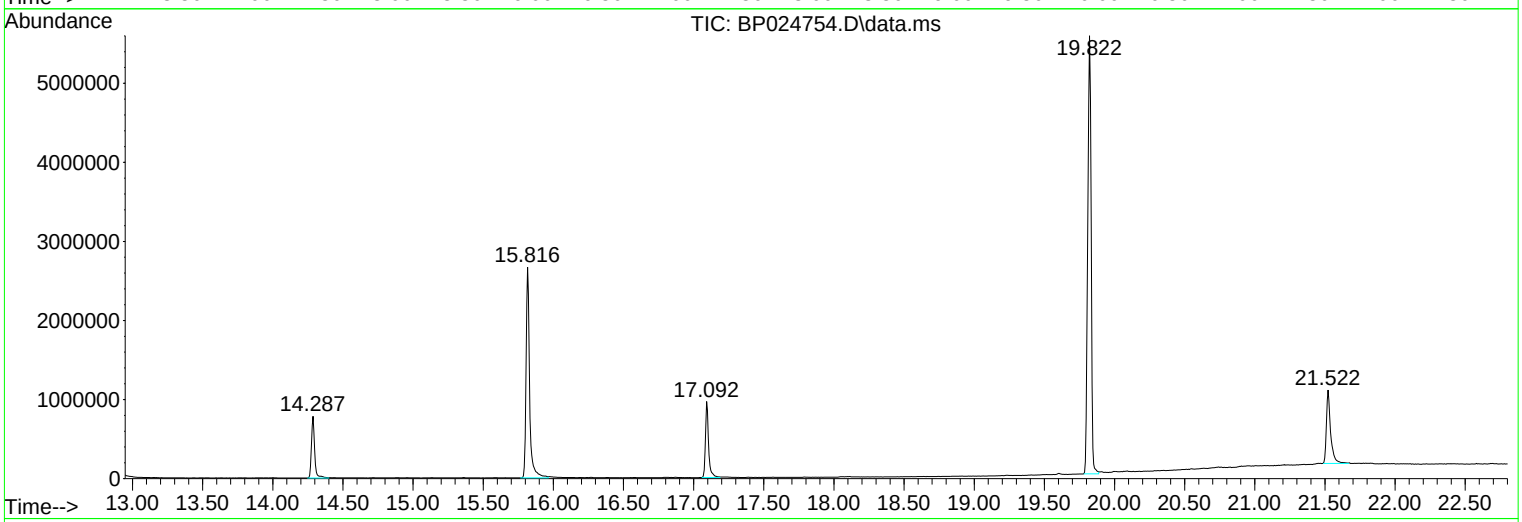
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024754.D
Acq On : 22 May 2025 11:37
Operator : RC/JU
Sample : PB168098BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

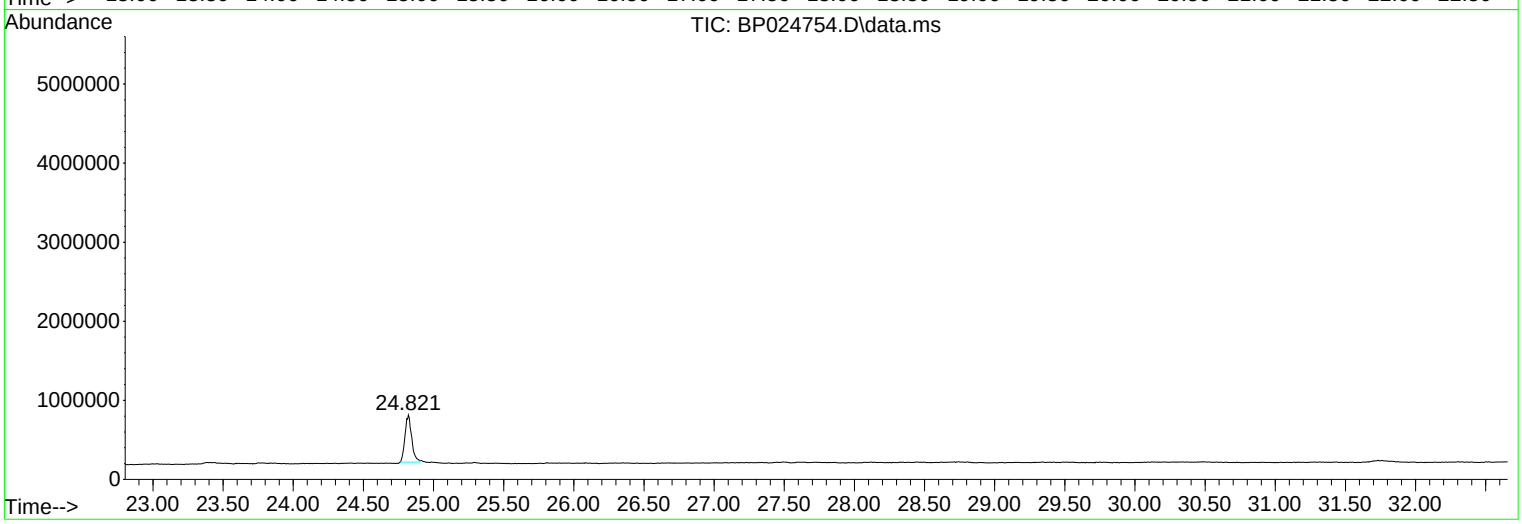
Instrument :
BNA_P
ClientSampleId :
PB168098BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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_P\Data\BP052225\
Data File : BP024754.D
Acq On : 22 May 2025 11:37
Operator : RC/JU
Sample : PB168098BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BL

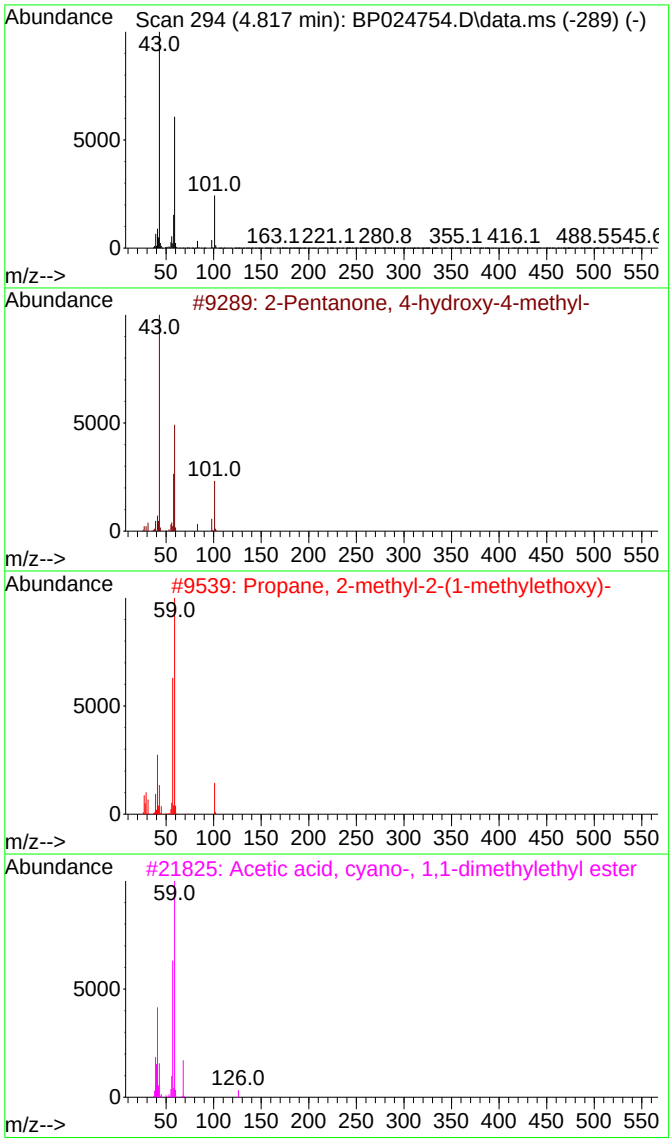
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

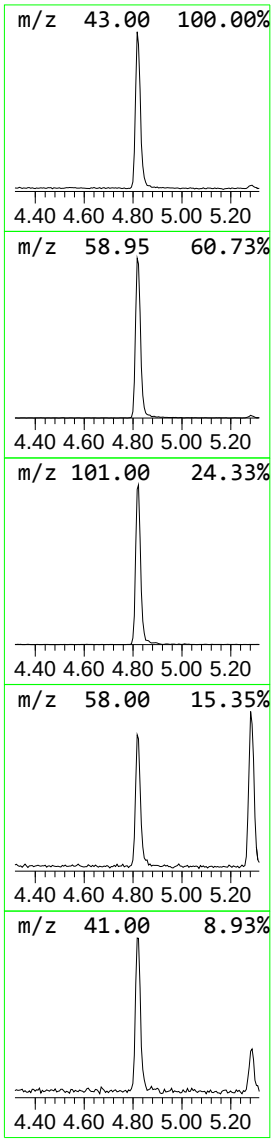
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.817	7.33 ng	245360	1,4-Dichlorobenzene-d4	7.652

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024754.D
Acq On : 22 May 2025 11:37
Operator : RC/JU
Sample : PB168098BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.817	7.3	ng	245360	1	7.652	669511	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024755.D
Acq On : 22 May 2025 12:18
Operator : RC/JU
Sample : PB168098BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Quant Time: May 22 12:38:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.652	152	114889	20.000	ng		-0.01
21) Naphthalene-d8	10.422	136	451979	20.000	ng		-0.01
39) Acenaphthene-d10	14.287	164	283120	20.000	ng		-0.02
64) Phenanthrene-d10	17.087	188	568580	20.000	ng		-0.01
76) Chrysene-d12	21.522	240	655197	20.000	ng		0.00
86) Perylene-d12	24.821	264	754804	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	867127	129.090	ng		0.00
7) Phenol-d6	6.858	99	1057180	123.315	ng		0.00
23) Nitrobenzene-d5	8.805	82	651125	72.789	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	680647	141.810	ng		0.00
45) 2-Fluorobiphenyl	12.899	172	1649799	76.344	ng		0.00
79) Terphenyl-d14	19.810	244	2976627	77.900	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	98847	31.338	ng		98
3) Pyridine	3.617	79	239621	34.261	ng		97
4) n-Nitrosodimethylamine	3.528	42	124929	40.460	ng		94
6) Aniline	6.993	93	218881	19.775	ng		97
8) 2-Chlorophenol	7.234	128	341699	44.810	ng		97
9) Benzaldehyde	6.811	77	190341	34.298	ng		98
10) Phenol	6.881	94	377815	42.699	ng		97
11) bis(2-Chloroethyl)ether	7.087	93	272267	37.447	ng		99
12) 1,3-Dichlorobenzene	7.540	146	357815	40.785	ng		99
13) 1,4-Dichlorobenzene	7.687	146	366569	41.544	ng		100
14) 1,2-Dichlorobenzene	7.999	146	353360	41.098	ng		98
15) Benzyl Alcohol	7.899	79	276507	42.443	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	322660	37.056	ng		98
17) 2-Methylphenol	8.111	107	269118	42.405	ng		99
18) Hexachloroethane	8.716	117	135259	40.002	ng		98
19) n-Nitroso-di-n-propyla...	8.452	70	213658	36.029	ng		98
20) 3+4-Methylphenols	8.440	107	358510	41.529	ng		99
22) Acetophenone	8.469	105	469924	41.622	ng	#	99
24) Nitrobenzene	8.846	77	325051	41.292	ng		95
25) Isophorone	9.363	82	601615	38.772	ng		98
26) 2-Nitrophenol	9.546	139	182128	47.215	ng		99
27) 2,4-Dimethylphenol	9.622	122	307524	45.217	ng		99
28) bis(2-Chloroethoxy)met...	9.840	93	366188	39.501	ng		99
29) 2,4-Dichlorophenol	10.093	162	308337	46.784	ng		97
30) 1,2,4-Trichlorobenzene	10.287	180	324103	43.639	ng		98
31) Naphthalene	10.469	128	1006478	42.972	ng		100
32) Benzoic acid	9.799	122	216738m	46.123	ng		
33) 4-Chloroaniline	10.599	127	163881	17.339	ng		99
34) Hexachlorobutadiene	10.752	225	212260	44.118	ng		98
35) Caprolactam	11.393	113	101647	42.629	ng		99
36) 4-Chloro-3-methylphenol	11.740	107	356727	44.385	ng		100
37) 2-Methylnaphthalene	12.087	142	630369	41.565	ng		99
38) 1-Methylnaphthalene	12.304	142	667666	41.145	ng		100
40) 1,2,4,5-Tetrachloroben...	12.457	216	369018	44.885	ng		100
41) Hexachlorocyclopentadiene	12.434	237	401704	80.579	ng		99
43) 2,4,6-Trichlorophenol	12.710	196	254724	47.834	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024755.D
Acq On : 22 May 2025 12:18
Operator : RC/JU
Sample : PB168098BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Quant Time: May 22 12:38:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

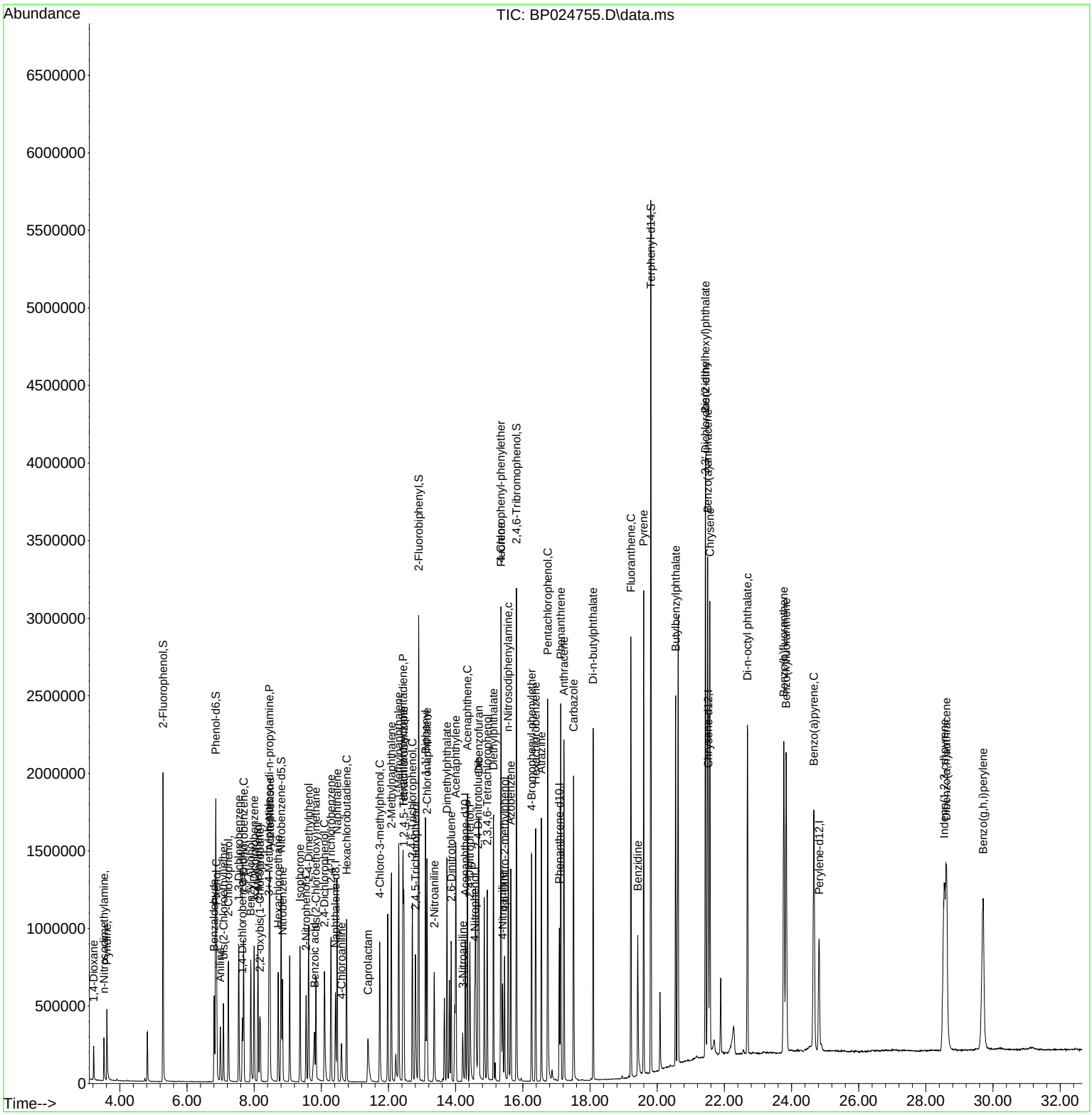
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.804	196	275492	46.476	ng		96
46)	1,1'-Biphenyl	13.104	154	898517	42.938	ng		99
47)	2-Chloronaphthalene	13.146	162	691903	43.365	ng		100
48)	2-Nitroaniline	13.363	65	202885	42.950	ng		95
49)	Acenaphthylene	14.004	152	1133108	42.437	ng		99
50)	Dimethylphthalate	13.740	163	908339	42.093	ng		100
51)	2,6-Dinitrotoluene	13.869	165	199396	43.751	ng		98
52)	Acenaphthene	14.351	154	646760	42.134	ng		99
53)	3-Nitroaniline	14.210	138	95294	20.478	ng		98
54)	2,4-Dinitrophenol	14.422	184	262431	90.411	ng		98
55)	Dibenzofuran	14.687	168	1059440	43.271	ng		99
56)	4-Nitrophenol	14.569	139	313522	77.936	ng		97
57)	2,4-Dinitrotoluene	14.669	165	298529	46.462	ng		96
58)	Fluorene	15.351	166	879435	44.051	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.940	232	251432	45.726	ng		97
60)	Diethylphthalate	15.128	149	949347	43.527	ng		99
61)	4-Chlorophenyl-phenyle...	15.345	204	437310	43.923	ng		97
62)	4-Nitroaniline	15.398	138	208254m	46.348	ng		
63)	Azobenzene	15.640	77	764105	40.952	ng		97
65)	4,6-Dinitro-2-methylph...	15.457	198	172573	46.989	ng		97
66)	n-Nitrosodiphenylamine	15.563	169	767455	43.944	ng		98
67)	4-Bromophenyl-phenylether	16.263	248	306650	45.770	ng		96
68)	Hexachlorobenzene	16.381	284	387062	45.465	ng		97
69)	Atrazine	16.551	200	296861	46.383	ng		98
70)	Pentachlorophenol	16.739	266	505930	105.866	ng		98
71)	Phenanthrene	17.128	178	1366718	43.239	ng		100
72)	Anthracene	17.222	178	1415016	44.495	ng		100
73)	Carbazole	17.510	167	1309469	45.494	ng		99
74)	Di-n-butylphthalate	18.092	149	1657555	44.777	ng		99
75)	Fluoranthene	19.216	202	1698716	45.976	ng		99
77)	Benzidine	19.422	184	600097	33.628	ng		100
78)	Pyrene	19.598	202	1745500	44.462	ng		100
80)	Butylbenzylphthalate	20.551	149	804165	46.059	ng		94
81)	Benzo(a)anthracene	21.504	228	1807550	43.936	ng		99
82)	3,3'-Dichlorobenzidine	21.433	252	478160	31.292	ng		100
83)	Chrysene	21.569	228	1721196	44.134	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.439	149	1135308	44.240	ng		99
85)	Di-n-octyl phthalate	22.686	149	1942063	46.278	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.545	276	2517163	45.679	ng	#	91
88)	Benzo(b)fluoranthene	23.769	252	1911502	44.244	ng		99
89)	Benzo(k)fluoranthene	23.839	252	1959499	44.015	ng		100
90)	Benzo(a)pyrene	24.663	252	1856955	44.753	ng		99
91)	Dibenzo(a,h)anthracene	28.609	278	2060035	45.952	ng		98
92)	Benzo(g,h,i)perylene	29.703	276	2002260	44.913	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024755.D
Acq On : 22 May 2025 12:18
Operator : RC/JU
Sample : PB168098BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Quant Time: May 22 12:38:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024756.D
Acq On : 22 May 2025 12:58
Operator : RC/JU
Sample : PB168098BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Quant Time: May 22 13:25:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.652	152	126327	20.000	ng		-0.01
21) Naphthalene-d8	10.416	136	523024	20.000	ng		-0.02
39) Acenaphthene-d10	14.287	164	338733	20.000	ng		-0.02
64) Phenanthrene-d10	17.092	188	686645	20.000	ng		0.00
76) Chrysene-d12	21.510	240	768545	20.000	ng		-0.01
86) Perylene-d12	24.786	264	835982	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	1006990	136.339	ng		0.00
7) Phenol-d6	6.858	99	1245584	132.137	ng		0.00
23) Nitrobenzene-d5	8.805	82	764802	73.883	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	848083	147.685	ng		0.00
45) 2-Fluorobiphenyl	12.899	172	1985294	76.786	ng		0.00
79) Terphenyl-d14	19.816	244	3652739	81.496	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	107291	30.935	ng		98
3) Pyridine	3.617	79	272244	35.401	ng		97
4) n-Nitrosodimethylamine	3.528	42	142518	41.978	ng		95
6) Aniline	6.993	93	278550	22.887	ng		99
8) 2-Chlorophenol	7.234	128	400340	47.747	ng		99
9) Benzaldehyde	6.811	77	221040	36.224	ng		97
10) Phenol	6.881	94	447784	46.024	ng		98
11) bis(2-Chloroethyl)ether	7.087	93	321348	40.196	ng		99
12) 1,3-Dichlorobenzene	7.546	146	411266	42.633	ng		98
13) 1,4-Dichlorobenzene	7.687	146	421327	43.426	ng		98
14) 1,2-Dichlorobenzene	7.999	146	408503	43.209	ng		99
15) Benzyl Alcohol	7.899	79	325668	45.463	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	379444	39.632	ng		99
17) 2-Methylphenol	8.111	107	324116	46.447	ng		98
18) Hexachloroethane	8.716	117	154783	41.631	ng		98
19) n-Nitroso-di-n-propyla...	8.452	70	254858	39.085	ng		96
20) 3+4-Methylphenols	8.440	107	431650	45.474	ng		98
22) Acetophenone	8.469	105	553115	42.336	ng	#	99
24) Nitrobenzene	8.846	77	382330	41.971	ng		94
25) Isophorone	9.369	82	732635	40.802	ng		97
26) 2-Nitrophenol	9.546	139	218042	48.847	ng		98
27) 2,4-Dimethylphenol	9.622	122	369301	46.925	ng		100
28) bis(2-Chloroethoxy)met...	9.840	93	441817	41.185	ng		99
29) 2,4-Dichlorophenol	10.093	162	375212	49.198	ng		97
30) 1,2,4-Trichlorobenzene	10.287	180	383813	44.659	ng		98
31) Naphthalene	10.469	128	1176453	43.406	ng		100
32) Benzoic acid	9.810	122	270871m	49.215	ng		
33) 4-Chloroaniline	10.605	127	165916	15.170	ng		99
34) Hexachlorobutadiene	10.752	225	250650	45.021	ng		96
35) Caprolactam	11.387	113	126254	45.756	ng		98
36) 4-Chloro-3-methylphenol	11.740	107	436668	46.951	ng		99
37) 2-Methylnaphthalene	12.081	142	753865	42.956	ng		99
38) 1-Methylnaphthalene	12.304	142	807085	42.981	ng		100
40) 1,2,4,5-Tetrachloroben...	12.463	216	446029	45.345	ng		100
41) Hexachlorocyclopentadiene	12.434	237	507943	85.162	ng		97
43) 2,4,6-Trichlorophenol	12.710	196	314461	49.357	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024756.D
Acq On : 22 May 2025 12:58
Operator : RC/JU
Sample : PB168098BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Quant Time: May 22 13:25:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

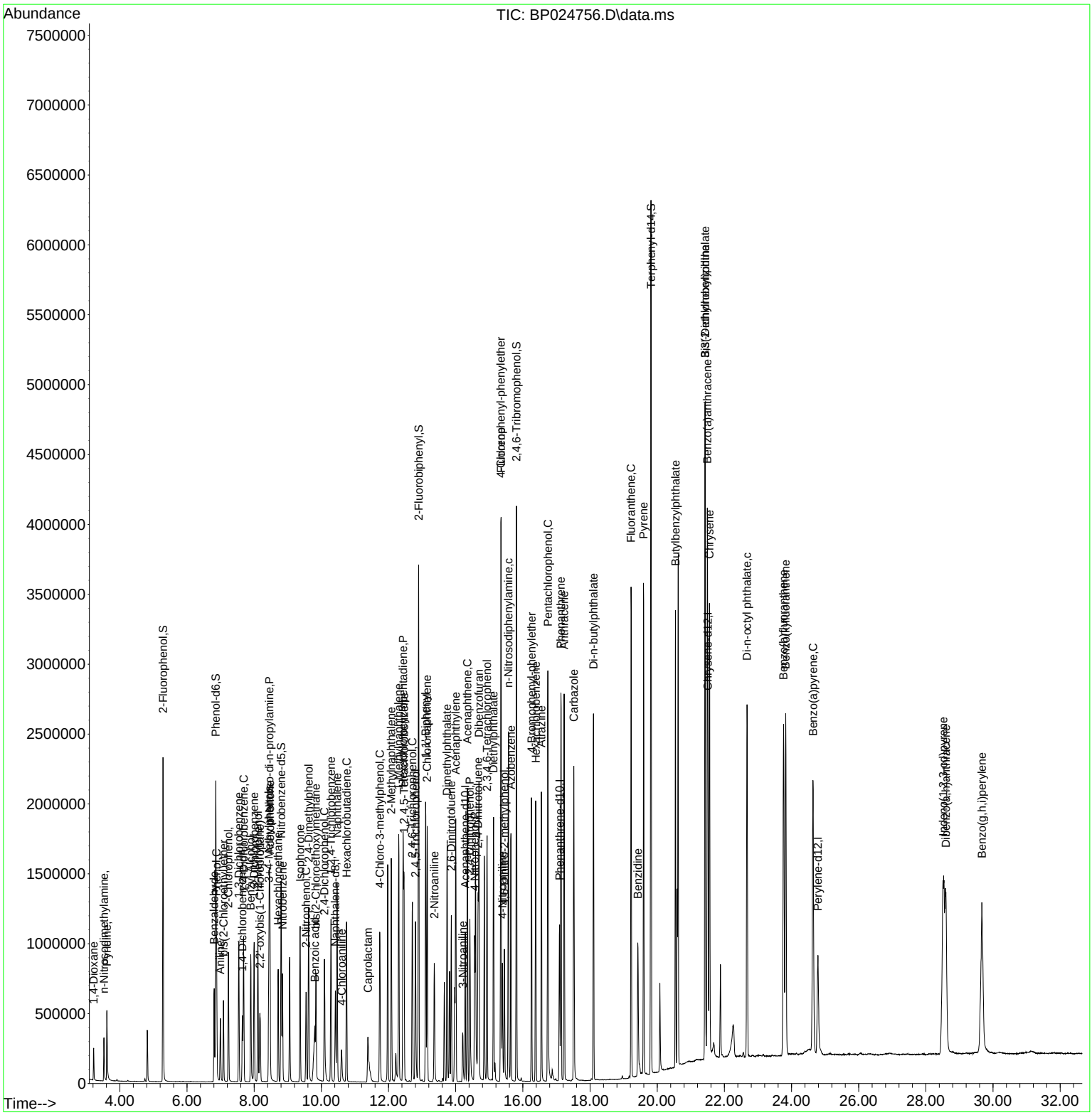
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	349258	49.247	ng		96
46) 1,1'-Biphenyl	13.104	154	1090713	43.566	ng		99
47) 2-Chloronaphthalene	13.152	162	833303	43.653	ng		99
48) 2-Nitroaniline	13.363	65	249151	44.085	ng		96
49) Acenaphthylene	14.004	152	1391550	43.560	ng		99
50) Dimethylphthalate	13.746	163	1142952	44.269	ng		100
51) 2,6-Dinitrotoluene	13.869	165	247920	45.467	ng		99
52) Acenaphthene	14.351	154	799545	43.536	ng		99
53) 3-Nitroaniline	14.210	138	117478	21.100	ng		96
54) 2,4-Dinitrophenol	14.422	184	322278	92.631	ng		96
55) Dibenzofuran	14.693	168	1288076	43.972	ng		100
56) 4-Nitrophenol	14.563	139	402969	83.411	ng		97
57) 2,4-Dinitrotoluene	14.669	165	365228	47.511	ng		97
58) Fluorene	15.351	166	1071652	44.866	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	317896	48.321	ng		98
60) Diethylphthalate	15.128	149	1184185	45.380	ng		99
61) 4-Chlorophenyl-phenyle...	15.345	204	547042	45.924	ng		100
62) 4-Nitroaniline	15.393	138	254227m	47.290	ng		
63) Azobenzene	15.645	77	949950	42.554	ng		95
65) 4,6-Dinitro-2-methylph...	15.451	198	218741	49.318	ng		97
66) n-Nitrosodiphenylamine	15.569	169	961369	45.582	ng		99
67) 4-Bromophenyl-phenylether	16.257	248	378264	46.751	ng		97
68) Hexachlorobenzene	16.387	284	480414	46.728	ng		94
69) Atrazine	16.551	200	373961	48.382	ng		98
70) Pentachlorophenol	16.745	266	621802	107.740	ng		99
71) Phenanthrene	17.134	178	1679605	44.002	ng		100
72) Anthracene	17.228	178	1732101	45.101	ng		99
73) Carbazole	17.516	167	1619014	46.577	ng		100
74) Di-n-butylphthalate	18.104	149	2111662	47.236	ng		100
75) Fluoranthene	19.222	202	2044320	45.816	ng		99
77) Benzidine	19.422	184	742781	35.485	ng		99
78) Pyrene	19.592	202	2099503	45.592	ng		99
80) Butylbenzylphthalate	20.545	149	992487	48.461	ng		95
81) Benzo(a)anthracene	21.492	228	2194524	45.475	ng		99
82) 3,3'-Dichlorobenzidine	21.428	252	544789	30.394	ng		99
83) Chrysene	21.557	228	2031513	44.408	ng		100
84) Bis(2-ethylhexyl)phtha...	21.428	149	1478644	49.121	ng		99
85) Di-n-octyl phthalate	22.675	149	2442323	49.615	ng		99
87) Indeno(1,2,3-cd)pyrene	28.515	276	2735441	44.820	ng	#	92
88) Benzo(b)fluoranthene	23.763	252	2233590	46.679	ng		99
89) Benzo(k)fluoranthene	23.827	252	2248794	45.608	ng		99
90) Benzo(a)pyrene	24.639	252	2120304	46.138	ng		98
91) Dibenzo(a,h)anthracene	28.598	278	2246534	45.246	ng		99
92) Benzo(g,h,i)perylene	29.668	276	2167806	43.905	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024756.D
Acq On : 22 May 2025 12:58
Operator : RC/JU
Sample : PB168098BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Quant Time: May 22 13:25:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



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

Manual Integration Report

Sequence:	BP051325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024615.D	4-Nitroaniline	Rahul	5/14/2025 2:19:40 PM	Jagrut	5/14/2025 5:15:55 PM	Peak Integrated by Software
SSTDICC005	BP024615.D	Benzaldehyde	Rahul	5/14/2025 2:19:40 PM	Jagrut	5/14/2025 5:15:55 PM	Peak Integrated by Software
SSTDICC005	BP024615.D	Caprolactam	Rahul	5/14/2025 2:19:40 PM	Jagrut	5/14/2025 5:15:55 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	4-Nitroaniline	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Benzaldehyde	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Benzidine	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Benzoic acid	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Caprolactam	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Pentachlorophenol	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC020	BP024617.D	Benzaldehyde	Rahul	5/14/2025 2:19:45 PM	Jagrut	5/14/2025 5:16:09 PM	Peak Integrated by Software
SSTDICC020	BP024617.D	Benzoic acid	Rahul	5/14/2025 2:19:45 PM	Jagrut	5/14/2025 5:16:09 PM	Peak Integrated by Software
SSTDICC020	BP024617.D	Indeno(1,2,3-cd)pyrene	Rahul	5/14/2025 2:19:45 PM	Jagrut	5/14/2025 5:16:09 PM	Peak Integrated by Software
SSTDICCC040	BP024618.D	Benzaldehyde	Rahul	5/14/2025 2:19:48 PM	Jagrut	5/14/2025 5:16:12 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BP051325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICCC040	BP024618.D	Benzoic acid	Rahul	5/14/2025 2:19:48 PM	Jagrut	5/14/2025 5:16:12 PM	Peak Integrated by Software
SSTDICC080	BP024621.D	Indeno(1,2,3-cd)pyrene	Rahul	5/14/2025 2:19:51 PM	Jagrut	5/14/2025 5:16:14 PM	Peak Integrated by Software
SSTDICV040	BP024622.D	Indeno(1,2,3-cd)pyrene	Rahul	5/14/2025 2:19:57 PM	Jagrut	5/14/2025 5:16:17 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BP052225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024753.D	4-Nitroaniline	Rahul	5/23/2025 12:27:12 PM	Jagrut	5/23/2025 5:03:34 PM	Peak Integrated by Software
SSTDCCC040	BP024753.D	Benzoic acid	Rahul	5/23/2025 12:27:12 PM	Jagrut	5/23/2025 5:03:34 PM	Peak Integrated by Software
PB168098BS	BP024755.D	4-Nitroaniline	Rahul	5/23/2025 12:27:15 PM	Jagrut	5/23/2025 5:03:36 PM	Peak Integrated by Software
PB168098BS	BP024755.D	Benzoic acid	Rahul	5/23/2025 12:27:15 PM	Jagrut	5/23/2025 5:03:36 PM	Peak Integrated by Software
PB168098BSD	BP024756.D	4-Nitroaniline	Rahul	5/23/2025 12:27:18 PM	Jagrut	5/23/2025 5:03:39 PM	Peak Integrated by Software
PB168098BSD	BP024756.D	Benzoic acid	Rahul	5/23/2025 12:27:18 PM	Jagrut	5/23/2025 5:03:39 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BP052325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024788.D	4-Nitroaniline	Rahul	5/27/2025 10:47:18 AM	Jagrut	5/27/2025 2:39:07 PM	Peak Integrated by Software
SSTDCCC040	BP024788.D	Benzaldehyde	Rahul	5/27/2025 10:47:18 AM	Jagrut	5/27/2025 2:39:07 PM	Peak Integrated by Software
SSTDCCC040	BP024788.D	Benzoic acid	Rahul	5/27/2025 10:47:18 AM	Jagrut	5/27/2025 2:39:07 PM	Peak Integrated by Software
Q2073-02	BP024801.D	Caprolactam	Rahul	5/27/2025 10:47:25 AM	Jagrut	5/27/2025 2:39:12 PM	Peak Integrated by Software

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP051325

Review By	Rahul	Review On	5/14/2025 2:20:20 PM		
Supervise By	Jagrut	Supervise On	5/14/2025 5:16:42 PM		
SubDirectory	BP051325	HP Acquire Method	BNA_P	HP Processing Method	bp051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024613.D	13 May 2025 10:00	RC/JU	Ok
2	SSTDICC2.5	BP024614.D	13 May 2025 10:41	RC/JU	Ok
3	SSTDICC005	BP024615.D	13 May 2025 11:22	RC/JU	Ok,M
4	SSTDICC010	BP024616.D	13 May 2025 12:03	RC/JU	Ok,M
5	SSTDICC020	BP024617.D	13 May 2025 12:43	RC/JU	Ok,M
6	SSTDICCC040	BP024618.D	13 May 2025 13:24	RC/JU	Ok,M
7	SSTDICC050	BP024619.D	13 May 2025 14:05	RC/JU	Ok
8	SSTDICC060	BP024620.D	13 May 2025 14:45	RC/JU	Ok
9	SSTDICC080	BP024621.D	13 May 2025 15:26	RC/JU	Ok,M
10	SSTDICV040	BP024622.D	13 May 2025 17:01	RC/JU	Ok,M
11	PB167917TB	BP024623.D	13 May 2025 18:23	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP052225

Review By	Rahul	Review On	5/23/2025 12:29:01 PM		
Supervise By	Jagrut	Supervise On	5/23/2025 5:03:58 PM		
SubDirectory	BP052225	HP Acquire Method	BNA_P	HP Processing Method	BP051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024752.D	22 May 2025 09:35	RC/JU	Ok
2	SSTDCCC040	BP024753.D	22 May 2025 10:56	RC/JU	Ok,M
3	PB168098BL	BP024754.D	22 May 2025 11:37	RC/JU	Ok
4	PB168098BS	BP024755.D	22 May 2025 12:18	RC/JU	Ok,M
5	PB168098BSD	BP024756.D	22 May 2025 12:58	RC/JU	Ok,M
6	Q2071-20	BP024757.D	22 May 2025 13:39	RC/JU	Ok
7	Q2075-07	BP024758.D	22 May 2025 14:19	RC/JU	Ok
8	Q2093-01	BP024759.D	22 May 2025 15:00	RC/JU	Ok
9	Q2097-07	BP024760.D	22 May 2025 15:41	RC/JU	Ok
10	Q2097-05	BP024761.D	22 May 2025 16:22	RC/JU	Ok
11	Q2097-09	BP024762.D	22 May 2025 17:02	RC/JU	Ok
12	Q2097-11	BP024763.D	22 May 2025 17:43	RC/JU	Ok
13	Q2097-13	BP024764.D	22 May 2025 18:24	RC/JU	Ok
14	Q2097-15	BP024765.D	22 May 2025 19:04	RC/JU	Ok
15	Q2097-01	BP024766.D	22 May 2025 19:45	RC/JU	Ok
16	Q2088-01	BP024767.D	22 May 2025 20:26	RC/JU	Ok
17	Q2093-14	BP024768.D	22 May 2025 21:07	RC/JU	Dilution
18	DFTPP	BP024769.D	22 May 2025 22:28	RC/JU	Ok
19	SSTDCCC040	BP024770.D	22 May 2025 23:09	RC/JU	Ok
20	PB168092TB	BP024771.D	22 May 2025 23:50	RC/JU	Ok
21	Q2078-03	BP024772.D	23 May 2025 00:30	RC/JU	Ok

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP052225

Review By	Rahul	Review On	5/23/2025 12:29:01 PM				
Supervise By	Jagrut	Supervise On	5/23/2025 5:03:58 PM				
SubDirectory	BP052225	HP Acquire Method	BNA_P		HP Processing Method	BP051325	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2078-07	BP024773.D	23 May 2025 01:11	RC/JU	Ok
23	Q2078-11	BP024774.D	23 May 2025 01:52	RC/JU	Ok
24	Q2078-15	BP024775.D	23 May 2025 02:32	RC/JU	Ok
25	Q2078-19	BP024776.D	23 May 2025 03:13	RC/JU	Ok
26	Q2079-03	BP024777.D	23 May 2025 03:54	RC/JU	Ok
27	Q2079-07	BP024778.D	23 May 2025 04:34	RC/JU	Ok
28	Q2079-11	BP024779.D	23 May 2025 05:15	RC/JU	Ok
29	Q2084-05	BP024780.D	23 May 2025 05:56	RC/JU	Ok
30	Q2084-05MS	BP024781.D	23 May 2025 06:37	RC/JU	Ok
31	Q2084-05MSD	BP024782.D	23 May 2025 07:17	RC/JU	Ok
32	Q2092-02	BP024783.D	23 May 2025 07:58	RC/JU	Ok
33	Q2093-02	BP024784.D	23 May 2025 08:39	RC/JU	Ok
34	Q2097-02	BP024785.D	23 May 2025 09:19	RC/JU	Ok
35	Q2097-04	BP024786.D	23 May 2025 10:00	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP052325

Review By	Rahul	Review On	5/27/2025 10:49:36 AM		
Supervise By	Jagrut	Supervise On	5/27/2025 2:39:24 PM		
SubDirectory	BP052325	HP Acquire Method	BNA_P	HP Processing Method	BP051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024787.D	23 May 2025 10:59	RC/JU	Ok
2	SSTDCCC040	BP024788.D	23 May 2025 11:40	RC/JU	Ok,M
3	PB168131BL	BP024789.D	23 May 2025 12:20	RC/JU	Ok
4	PB168131BS	BP024790.D	23 May 2025 13:01	RC/JU	Ok,M
5	Q2093-14DL	BP024791.D	23 May 2025 13:45	RC/JU	Ok
6	Q2097-18	BP024792.D	23 May 2025 14:26	RC/JU	Ok
7	Q2097-12	BP024793.D	23 May 2025 15:06	RC/JU	Ok
8	Q2097-16	BP024794.D	23 May 2025 15:47	RC/JU	Ok
9	Q2094-01	BP024795.D	23 May 2025 16:28	RC/JU	Ok
10	Q2094-02	BP024796.D	23 May 2025 17:09	RC/JU	Ok
11	Q2094-03	BP024797.D	23 May 2025 17:49	RC/JU	Ok
12	Q2094-04	BP024798.D	23 May 2025 18:30	RC/JU	Ok
13	Q2094-05	BP024799.D	23 May 2025 19:11	RC/JU	Ok
14	Q2073-01	BP024800.D	23 May 2025 19:51	RC/JU	Ok
15	Q2073-02	BP024801.D	23 May 2025 20:32	RC/JU	Ok,M
16	Q2101-04	BP024802.D	23 May 2025 21:13	RC/JU	Ok
17	Q2095-08	BP024803.D	23 May 2025 21:54	RC/JU	Ok
18	Q2106-01	BP024804.D	23 May 2025 22:34	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP051325

Review By	Rahul	Review On	5/14/2025 2:20:20 PM		
Supervise By	Jagrut	Supervise On	5/14/2025 5:16:42 PM		
SubDirectory	BP051325	HP Acquire Method	BNA_P	HP Processing Method	bp051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024613.D	13 May 2025 10:00		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024614.D	13 May 2025 10:41		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024615.D	13 May 2025 11:22	Compound#32-54-56-65-77 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024616.D	13 May 2025 12:03		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP024617.D	13 May 2025 12:43		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP024618.D	13 May 2025 13:24	Compound#32-54-56 Kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP024619.D	13 May 2025 14:05		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BP024620.D	13 May 2025 14:45		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP024621.D	13 May 2025 15:26		RC/JU	Ok,M
10	SSTDICV040	ICVBP051325	BP024622.D	13 May 2025 17:01		RC/JU	Ok,M
11	PB167917TB	PB167917TB	BP024623.D	13 May 2025 18:23		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP052225

Review By	Rahul	Review On	5/23/2025 12:29:01 PM		
Supervise By	Jagrut	Supervise On	5/23/2025 5:03:58 PM		
SubDirectory	BP052225	HP Acquire Method	BNA_P	HP Processing Method	BP051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024752.D	22 May 2025 09:35		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024753.D	22 May 2025 10:56		RC/JU	Ok,M
3	PB168098BL	PB168098BL	BP024754.D	22 May 2025 11:37		RC/JU	Ok
4	PB168098BS	PB168098BS	BP024755.D	22 May 2025 12:18		RC/JU	Ok,M
5	PB168098BSD	PB168098BSD	BP024756.D	22 May 2025 12:58		RC/JU	Ok,M
6	Q2071-20	L2-WC-6	BP024757.D	22 May 2025 13:39		RC/JU	Ok
7	Q2075-07	FB-05152025	BP024758.D	22 May 2025 14:19		RC/JU	Ok
8	Q2093-01	SOIL-DRUM	BP024759.D	22 May 2025 15:00		RC/JU	Ok
9	Q2097-07	VNJ-244	BP024760.D	22 May 2025 15:41		RC/JU	Ok
10	Q2097-05	RBR251675	BP024761.D	22 May 2025 16:22		RC/JU	Ok
11	Q2097-09	ETGI-290	BP024762.D	22 May 2025 17:02		RC/JU	Ok
12	Q2097-11	RT3419	BP024763.D	22 May 2025 17:43		RC/JU	Ok
13	Q2097-13	RBR251372	BP024764.D	22 May 2025 18:24		RC/JU	Ok
14	Q2097-15	72-12013	BP024765.D	22 May 2025 19:04		RC/JU	Ok
15	Q2097-01	ETGI-357	BP024766.D	22 May 2025 19:45		RC/JU	Ok
16	Q2088-01	252820	BP024767.D	22 May 2025 20:26		RC/JU	Ok
17	Q2093-14	WATER-COMP	BP024768.D	22 May 2025 21:07	Need 5X Dilution	RC/JU	Dilution
18	DFTPP	DFTPP	BP024769.D	22 May 2025 22:28		RC/JU	Ok

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP052225

Review By	Rahul	Review On	5/23/2025 12:29:01 PM		
Supervise By	Jagrut	Supervise On	5/23/2025 5:03:58 PM		
SubDirectory	BP052225	HP Acquire Method	BNA_P	HP Processing Method	BP051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	SSTDCCC040	SSTDCCC040	BP024770.D	22 May 2025 23:09		RC/JU	Ok
20	PB168092TB	PB168092TB	BP024771.D	22 May 2025 23:50		RC/JU	Ok
21	Q2078-03	WC-A4-04-C	BP024772.D	23 May 2025 00:30		RC/JU	Ok
22	Q2078-07	WC-A4-05-C	BP024773.D	23 May 2025 01:11		RC/JU	Ok
23	Q2078-11	WC-A1-06A-C	BP024774.D	23 May 2025 01:52		RC/JU	Ok
24	Q2078-15	WC-A1-07A-C	BP024775.D	23 May 2025 02:32		RC/JU	Ok
25	Q2078-19	WC-A4-06-C	BP024776.D	23 May 2025 03:13		RC/JU	Ok
26	Q2079-03	WC-A2-01-C	BP024777.D	23 May 2025 03:54		RC/JU	Ok
27	Q2079-07	WC-A2-02-C	BP024778.D	23 May 2025 04:34		RC/JU	Ok
28	Q2079-11	WC-A2-03-C	BP024779.D	23 May 2025 05:15		RC/JU	Ok
29	Q2084-05	OR-640-COMP-66	BP024780.D	23 May 2025 05:56		RC/JU	Ok
30	Q2084-05MS	OR-640-COMP-66MS	BP024781.D	23 May 2025 06:37		RC/JU	Ok
31	Q2084-05MSD	OR-640-COMP-66MSD	BP024782.D	23 May 2025 07:17		RC/JU	Ok
32	Q2092-02	VNJ-202	BP024783.D	23 May 2025 07:58		RC/JU	Ok
33	Q2093-02	SOIL-DRUM	BP024784.D	23 May 2025 08:39		RC/JU	Ok
34	Q2097-02	ETGI-357	BP024785.D	23 May 2025 09:19		RC/JU	Ok
35	Q2097-04	RBR200044	BP024786.D	23 May 2025 10:00		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP052325

Review By	Rahul	Review On	5/27/2025 10:49:36 AM		
Supervise By	Jagrut	Supervise On	5/27/2025 2:39:24 PM		
SubDirectory	BP052325	HP Acquire Method	BNA_P	HP Processing Method	BP051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024787.D	23 May 2025 10:59		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024788.D	23 May 2025 11:40		RC/JU	Ok,M
3	PB168131BL	PB168131BL	BP024789.D	23 May 2025 12:20		RC/JU	Ok
4	PB168131BS	PB168131BS	BP024790.D	23 May 2025 13:01		RC/JU	Ok,M
5	Q2093-14DL	WATER-COMPDL	BP024791.D	23 May 2025 13:45		RC/JU	Ok
6	Q2097-18	RT-3888	BP024792.D	23 May 2025 14:26		RC/JU	Ok
7	Q2097-12	RT3419	BP024793.D	23 May 2025 15:06		RC/JU	Ok
8	Q2097-16	72-12013	BP024794.D	23 May 2025 15:47		RC/JU	Ok
9	Q2094-01	COMP-1	BP024795.D	23 May 2025 16:28		RC/JU	Ok
10	Q2094-02	COMP-2	BP024796.D	23 May 2025 17:09		RC/JU	Ok
11	Q2094-03	COMP-3	BP024797.D	23 May 2025 17:49		RC/JU	Ok
12	Q2094-04	COMP-4	BP024798.D	23 May 2025 18:30		RC/JU	Ok
13	Q2094-05	COMP-5	BP024799.D	23 May 2025 19:11		RC/JU	Ok
14	Q2073-01	GDW1	BP024800.D	23 May 2025 19:51		RC/JU	Ok
15	Q2073-02	GDW2	BP024801.D	23 May 2025 20:32		RC/JU	Ok,M
16	Q2101-04	TP-1-MHE	BP024802.D	23 May 2025 21:13		RC/JU	Ok
17	Q2095-08	WCS-TP2	BP024803.D	23 May 2025 21:54		RC/JU	Ok
18	Q2106-01	TW-WTS-09	BP024804.D	23 May 2025 22:34		RC/JU	Ok

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP052325

Review By	Rahul	Review On	5/27/2025 10:49:36 AM		
Supervise By	Jagrut	Supervise On	5/27/2025 2:39:24 PM		
SubDirectory	BP052325	HP Acquire Method	BNA_P	HP Processing Method	BP051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168098

SOP ID:	M3510C,3580A-Extraction SVOC-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	05/21/2025
Matrix :	Water			**Extraction Start Time :**	08:40
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	05/21/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	13:40
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,6,7	**Supervisor By :**	RUPESH

Extraction Method: ☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6782
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3930
Baked Na2SO4	N/A	EP2614
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/21/25	RS (GLA Lab)	RC/SVOC
13:45	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168098

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 05/21/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168098BL	SBLK098	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB168098BS	SLCS098	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB168098BSD	SLCSD098	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q2073-01	GDW1	SVOCMS Group2	980	6	RUPESH	ritesh	1	C		4
Q2073-02	GDW2	SVOCMS Group2	970	6	RUPESH	ritesh	1	C		5
Q2075-07	FB-05152025	SVOCMS Group3	810	6	RUPESH	ritesh	1	C		6
Q2075-08	FB-05162025	SVOCMS Group3	940	6	RUPESH	ritesh	1	C		7
Q2088-01	252820	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	O		8
Q2093-14	WATER-COMP	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	N		9

RS
5/21

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

68098
8:40

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2073 **WorkList ID :** 189663 **Department :** Extraction **Date :** 05-21-2025 08:34:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2073-01	GDW1	Water	SVOCMS Group2	Cool 4 deg C	GENV01	L41	05/16/2025	8270E
Q2073-02	GDW2	Water	SVOCMS Group2	Cool 4 deg C	GENV01	L41	05/16/2025	8270E
Q2075-07	FB-05152025	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	05/15/2025	8270E
Q2075-08	FB-05162025	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	05/16/2025	8270E
Q2088-01	252820	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	05/20/2025	8270E
Q2093-14	WATER-COMP	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/20/2025	8270E

Date/Time 5/21/25 8:35
Raw Sample Received by: RJ (EXA-Lab)
Raw Sample Relinquished by: CP SM

Date/Time 5/21/25 9:20
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (EXA-Lab)

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

LAB CHRONICLE

OrderID:	Q2073	**OrderDate:**	5/16/2025 2:51:00 PM
Client:	G Environmental	**Project:**	Nelson
Contact:	Gary Landis	**Location:**	L41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2073-01	**GDW1**	**Water**			**05/16/25**			**05/16/25**
			SVOCMS Group2	8270E		05/21/25	05/23/25	
Q2073-02	**GDW2**	**Water**			**05/16/25**			**05/16/25**
			SVOCMS Group2	8270E		05/21/25	05/23/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q2073

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :		**0.00**			
			Total Concentration:		**0.00**			

SAMPLE DATA

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

Report of Analysis

Client:	G Environmental	Date Collected:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW1	SDG No.:	Q2073
Lab Sample ID:	Q2073-01	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037086.D	1	05/21/25 08:41	05/27/25 14:35	PB168100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.040	U	0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.040	U	0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.050	U	0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.040	U	0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.29		30 (20) - 150 (139)	73%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.34		30 (30) - 150 (150)	84%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.30		30 (27) - 130 (154)	74%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.44		30 (25) - 130 (149)	111%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.72	*	30 (54) - 130 (175)	179%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1860	7.611			
1146-65-2	Naphthalene-d8	4730	10.394			
15067-26-2	Acenaphthene-d10	2640	14.256			
1517-22-2	Phenanthrene-d10	4980	17.009			
1719-03-5	Chrysene-d12	3200	21.198			
1520-96-3	Perylene-d12	2830	23.401			

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:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW2	SDG No.:	Q2073
Lab Sample ID:	Q2073-02	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037087.D	1	05/21/25 08:41	05/27/25 15:11	PB168100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.040	U	0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.040	U	0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.050	U	0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.040	U	0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.27		30 (20) - 150 (139)	67%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.34		30 (30) - 150 (150)	86%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.27		30 (27) - 130 (154)	68%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.36		30 (25) - 130 (149)	89%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.55	*	30 (54) - 130 (175)	137%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1830	7.611			
1146-65-2	Naphthalene-d8	4850	10.394			
15067-26-2	Acenaphthene-d10	2750	14.256			
1517-22-2	Phenanthrene-d10	5540	17.009			
1719-03-5	Chrysene-d12	3940	21.198			
1520-96-3	Perylene-d12	3310	23.401			

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

QC SUMMARY

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

Surrogate Summary

SW-846

SDG No.: Q2073

Client: G Environmental

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168100BL	PB168100BL	2-Methylnaphthalene-d10	0.4	0.36	90		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.33	83		30 (30)	150 (150)
		Nitrobenzene-d5	0.4	0.34	86		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.35	88		30 (25)	130 (149)
		Terphenyl-d14	0.4	0.46	115		30 (54)	130 (175)
PB168100BS	PB168100BS	2-Methylnaphthalene-d10	0.4	0.38	94		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.28	69		30 (30)	150 (150)
		Nitrobenzene-d5	0.4	0.33	83		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.35	86		30 (25)	130 (149)
		Terphenyl-d14	0.4	0.37	92		30 (54)	130 (175)
PB168100BSD	PB168100BSD	2-Methylnaphthalene-d10	0.4	0.36	90		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.29	73		30 (30)	150 (150)
		Nitrobenzene-d5	0.4	0.35	86		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.39	98		30 (25)	130 (149)
		Terphenyl-d14	0.4	0.38	95		30 (54)	130 (175)
Q2073-01	GDW1	2-Methylnaphthalene-d10	0.4	0.29	73		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.34	84		30 (30)	150 (150)
		Nitrobenzene-d5	0.4	0.30	74		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.44	111		30 (25)	130 (149)
		Terphenyl-d14	0.4	0.72	179	*	30 (54)	130 (175)
Q2073-02	GDW2	2-Methylnaphthalene-d10	0.4	0.27	67		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.34	86		30 (30)	150 (150)
		Nitrobenzene-d5	0.4	0.27	68		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.36	89		30 (25)	130 (149)
		Terphenyl-d14	0.4	0.55	137	*	30 (54)	130 (175)

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2073

Client: G Environmental

Analytical Method: 8270-Modified **DataFile:** BN037124.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168100BS	Benzo(a)anthracene	0.4	0.34	ug/L	85				70 (54)	130 (130)	
	Benzo(b)fluoranthene	0.4	0.32	ug/L	80				70 (65)	130 (121)	
	Benzo(k)fluoranthene	0.4	0.34	ug/L	85				70 (72)	130 (119)	
	Benzo(a)pyrene	0.4	0.36	ug/L	90				70 (68)	130 (120)	
	Benzo(g,h,i)perylene	0.4	0.40	ug/L	100				70 (76)	130 (117)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2073

Client: G Environmental

Analytical Method: 8270-Modified **DataFile:** BN037125.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168100BSD	Benzo(a)anthracene	0.4	0.35	ug/L	88	3			70 (54)	130 (130)	20 (20)
	Benzo(b)fluoranthene	0.4	0.33	ug/L	83	3			70 (65)	130 (121)	20 (20)
	Benzo(k)fluoranthene	0.4	0.36	ug/L	90	6			70 (72)	130 (119)	20 (20)
	Benzo(a)pyrene	0.4	0.37	ug/L	93	3			70 (68)	130 (120)	20 (20)
	Benzo(g,h,i)perylene	0.4	0.43	ug/L	108	7			70 (76)	130 (117)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168100BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

Lab File ID: BN037113.D Lab Sample ID: PB168100BL

Instrument ID: BNA_N Date Extracted: 05/21/2025

Matrix: (soil/water) Water Date Analyzed: 05/28/2025

Level: (low/med) LOW Time Analyzed: 17:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168100BS	PB168100BS	BN037124.D	05/29/2025
PB168100BSD	PB168100BSD	BN037125.D	05/29/2025
GDW1	Q2073-01	BN037086.D	05/27/2025
GDW2	Q2073-02	BN037087.D	05/27/2025

COMMENTS:

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2073 SDG NO.: Q2073

Lab File ID: BN036998.D DFTPP Injection Date: 05/13/2025

Instrument ID: BNA_N DFTPP Injection Time: 17:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	62.8
68	Less than 2.0% of mass 69	0.8 (1.4) 1
69	Mass 69 relative abundance	55.6
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	52.7
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	23.8
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	8.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	10.4 (19) 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
SSTDICC0.1	SSTDICC0.1	BN036999.D	05/13/2025	17:41
SSTDICC0.2	SSTDICC0.2	BN037000.D	05/13/2025	18:17
SSTDICCC0.4	SSTDICCC0.4	BN037001.D	05/13/2025	18:53
SSTDICC0.8	SSTDICC0.8	BN037002.D	05/13/2025	19:29
SSTDICC1.6	SSTDICC1.6	BN037003.D	05/13/2025	20:05
SSTDICC3.2	SSTDICC3.2	BN037004.D	05/13/2025	20:41
SSTDICC5.0	SSTDICC5.0	BN037005.D	05/13/2025	21:17

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2073 SDG NO.: Q2073

Lab File ID: BN037083.D DFTPP Injection Date: 05/27/2025

Instrument ID: BNA_N DFTPP Injection Time: 12:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	74.2
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	61.8
70	Less than 2.0% of mass 69	0.3 (0.5) 1
127	10.0 - 80.0% of mass 198	55.8
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	24
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	8.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	10.7 (20.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN037084.D	05/27/2025	13:23
GDW1	Q2073-01	BN037086.D	05/27/2025	14:35
GDW2	Q2073-02	BN037087.D	05/27/2025	15:11

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2073 SDG NO.: Q2073

Lab File ID: BN037111.D DFTPP Injection Date: 05/28/2025

Instrument ID: BNA_N DFTPP Injection Time: 16:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	75.5
68	Less than 2.0% of mass 69	0.9 (1.4) 1
69	Mass 69 relative abundance	62.5
70	Less than 2.0% of mass 69	0.4 (0.6) 1
127	10.0 - 80.0% of mass 198	56.1
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	25.1
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	9.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	11.5 (19.5) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN037112.D	05/28/2025	17:11
PB168100BL	PB168100BL	BN037113.D	05/28/2025	17:47
PB168100BS	PB168100BS	BN037124.D	05/29/2025	00:23
PB168100BSD	PB168100BSD	BN037125.D	05/29/2025	00:59

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 05/27/2025

Lab File ID: BN037084.D Time Analyzed: 13:23

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	2081	7.611	5420	10.39	2883	14.26
	UPPER LIMIT	4162	8.111	10840	10.894	5766	14.756
	LOWER LIMIT	1040.5	7.111	2710	9.894	1441.5	13.756
	EPA SAMPLE NO.						
01	GDW1	1858	7.61	4733	10.39	2639	14.26
02	GDW2	1828	7.61	4851	10.39	2747	14.26

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 05/27/2025

Lab File ID: BN037084.D Time Analyzed: 13:23

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	4953	17.009	3193	21.198	2872	23.404
	UPPER LIMIT	9906	17.509	6386	21.698	5744	23.904
	LOWER LIMIT	2476.5	16.509	1596.5	20.698	1436	22.904
	EPA SAMPLE NO.						
01	GDW1	4979	17.01	3199	21.20	2828	23.40
02	GDW2	5537	17.01	3938	21.20	3305	23.40

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.

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 05/28/2025

Lab File ID: BN037112.D Time Analyzed: 17:11

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	2022	7.611	5050	10.38	2480	14.26
	UPPER LIMIT	4044	8.111	10100	10.883	4960	14.756
	LOWER LIMIT	1011	7.111	2525	9.883	1240	13.756
	EPA SAMPLE NO.						
01	PB168100BL	1765	7.61	4396	10.39	2346	14.26
02	PB168100BS	2482	7.61	6249	10.38	2970	14.26
03	PB168100BSD	2246	7.61	5562	10.38	2593	14.26

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 05/28/2025

Lab File ID: BN037112.D Time Analyzed: 17:11

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	4231	17.009	3037	21.198	3091	23.395
	UPPER LIMIT	8462	17.509	6074	21.698	6182	23.895
	LOWER LIMIT	2115.5	16.509	1518.5	20.698	1545.5	22.895
	EPA SAMPLE NO.						
01	PB168100BL	4153	17.01	2590	21.20	2358	23.40
02	PB168100BS	4819	17.01	3074	21.20	3112	23.40
03	PB168100BSD	4050	17.01	2689	21.20	2817	23.39

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

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

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

QC SAMPLE DATA

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Nelson	Date Received:	
Client Sample ID:	PB168100BL	SDG No.:	Q2073
Lab Sample ID:	PB168100BL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037113.D	1	05/21/25 08:41	05/28/25 17:47	PB168100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.040	U	0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.040	U	0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.050	U	0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.040	U	0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.36		30 (20) - 150 (139)	90%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.33		30 (30) - 150 (150)	83%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.34		30 (27) - 130 (154)	86%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.35		30 (25) - 130 (149)	88%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.46		30 (54) - 130 (175)	115%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1770	7.611			
1146-65-2	Naphthalene-d8	4400	10.394			
15067-26-2	Acenaphthene-d10	2350	14.256			
1517-22-2	Phenanthrene-d10	4150	17.009			
1719-03-5	Chrysene-d12	2590	21.198			
1520-96-3	Perylene-d12	2360	23.401			

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:	Nelson	Date Received:	
Client Sample ID:	PB168100BS	SDG No.:	Q2073
Lab Sample ID:	PB168100BS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037124.D	1	05/21/25 08:41	05/29/25 00:23	PB168100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.34		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.32		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.34		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.36		0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.40		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.38		30 (20) - 150 (139)	94%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.28		30 (30) - 150 (150)	69%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.33		30 (27) - 130 (154)	83%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.35		30 (25) - 130 (149)	86%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.37		30 (54) - 130 (175)	92%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2480	7.611			
1146-65-2	Naphthalene-d8	6250	10.383			
15067-26-2	Acenaphthene-d10	2970	14.256			
1517-22-2	Phenanthrene-d10	4820	17.009			
1719-03-5	Chrysene-d12	3070	21.198			
1520-96-3	Perylene-d12	3110	23.395			

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:	Nelson	Date Received:	
Client Sample ID:	PB168100BSD	SDG No.:	Q2073
Lab Sample ID:	PB168100BSD	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037125.D	1	05/21/25 08:41	05/29/25 00:59	PB168100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.35		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.33		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.36		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.37		0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.43		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.36		30 (20) - 150 (139)	90%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.29		30 (30) - 150 (150)	73%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.35		30 (27) - 130 (154)	86%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.39		30 (25) - 130 (149)	98%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.38		30 (54) - 130 (175)	95%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2250	7.611			
1146-65-2	Naphthalene-d8	5560	10.383			
15067-26-2	Acenaphthene-d10	2590	14.256			
1517-22-2	Phenanthrene-d10	4050	17.009			
1719-03-5	Chrysene-d12	2690	21.197			
1520-96-3	Perylene-d12	2820	23.392			

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_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN051425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed May 14 11:26:32 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN036999.D 0.2 =BN037000.D 0.4 =BN037001.D 0.8 =BN037002.D 1.6 =BN037003.D 3.2 =BN037004.D 5.0 =BN037005.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5.0	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane		0.510	0.512	0.487	0.514	0.467	0.454	0.491	5.25
3)		n-Nitrosodimet...	1.465	0.974	0.980	0.971	1.075	0.967	0.950	1.054	17.59
4)	S	2-Fluorophenol		1.101	1.134	1.024	1.093	0.964	0.971	1.048	6.87
5)	S	Phenol-d6		1.304	1.385	1.236	1.392	1.259	1.292	1.311	4.91
6)		bis(2-Chloroet...	1.441	1.163	1.153	1.135	1.240	1.168	1.148	1.207	9.02
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.546	0.383	0.398	0.400	0.452	0.426	0.442	0.436	12.60
9)		Naphthalene	1.326	1.140	1.144	1.122	1.226	1.152	1.165	1.182	6.05
10)		Hexachlorobuta...	0.286	0.248	0.244	0.235	0.256	0.236	0.233	0.248	7.47
11)	SURR	2-Methylnaphth...	0.529	0.547	0.552	0.548	0.603	0.574	0.588	0.563	4.65
12)		2-Methylnaphth...	0.754	0.724	0.736	0.733	0.814	0.770	0.790	0.760	4.34
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.174	0.168	0.178	0.160	0.186	0.175	0.189	0.176	5.77
15)	S	2-Fluorobiphenyl	1.912	1.801	1.901	1.802	1.927	1.672	1.807	1.832	4.90
16)		Acenaphthylene	1.906	1.838	1.894	1.849	2.071	1.997	2.075	1.947	5.14
17)		Acenaphthene	1.255	1.229	1.243	1.217	1.350	1.298	1.315	1.272	3.89
18)		Fluorene	1.602	1.581	1.635	1.611	1.779	1.721	1.752	1.669	4.80
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.060	0.073	0.079	0.102	0.103	0.124	0.090	26.02
21)		4-Bromophenyl-...	0.243	0.246	0.250	0.247	0.262	0.261	0.259	0.253	3.13
22)		Hexachlorobenzene	0.267	0.269	0.281	0.259	0.281	0.270	0.267	0.270	3.03
23)		Atrazine	0.199	0.207	0.211	0.213	0.237	0.234	0.242	0.220	7.64
24)		Pentachlorophenol	0.133	0.134	0.141	0.137	0.159	0.162	0.177	0.149	11.45
25)		Phenanthrene	1.259	1.272	1.292	1.263	1.367	1.337	1.361	1.307	3.56
26)		Anthracene	1.099	1.104	1.166	1.130	1.269	1.259	1.300	1.190	7.13
27)	SURR	Fluoranthene-d10	1.033	1.033	1.078	1.042	1.153	1.161	1.178	1.097	5.95
28)		Fluoranthene	1.461	1.439	1.500	1.496	1.670	1.672	1.693	1.562	7.13
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.744	1.708	1.727	1.656	1.790	1.641	1.711	1.711	2.96
31)	S	Terphenyl-d14	0.897	0.844	0.871	0.822	0.891	0.816	0.848	0.856	3.73
32)		Benzo(a)anthra...	1.463	1.432	1.485	1.438	1.594	1.521	1.609	1.506	4.77
33)		Chrysene	1.655	1.559	1.616	1.532	1.653	1.560	1.576	1.593	3.05
34)		Bis(2-ethylhex...	0.955	0.919	0.906	0.855	0.941	0.903	1.011	0.927	5.27
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN051425.M

36)		Indeno(1,2,3-c...	1.511	1.613	1.645	1.568	1.687	1.732	1.680	1.634	4.65
37)		Benzo(b)fluora...	1.631	1.570	1.602	1.599	1.749	1.698	1.765	1.659	4.71
38)		Benzo(k)fluora...	1.539	1.538	1.642	1.601	1.770	1.661	1.719	1.639	5.34
39)	C	Benzo(a)pyrene	1.380	1.343	1.381	1.331	1.486	1.444	1.486	1.407	4.59
40)		Dibenzo(a,h)an...	1.116	1.232	1.273	1.237	1.340	1.376	1.334	1.272	6.90
41)		Benzo(g,h,i)pe...	1.299	1.407	1.424	1.330	1.403	1.439	1.376	1.383	3.72

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG No.: Q2073

Instrument ID: BNA_N Calibration Date/Time: 05/27/2025 13:23

Lab File ID: BN037084.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 17:41 21:17

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.563	0.572		1.6	20.0
Fluoranthene-d10	1.097	0.950		-13.4	20.0
2-Fluorophenol	1.048	0.899		-14.2	20.0
Phenol-d6	1.311	1.073		-18.2	20.0
Nitrobenzene-d5	0.436	0.414		-5.0	20.0
2-Fluorobiphenyl	1.832	1.874		2.3	20.0
2,4,6-Tribromophenol	0.176	0.142		-19.3	20.0
Terphenyl-d14	0.856	0.951		11.1	20.0
Benzo(a)anthracene	1.506	1.369		-9.1	20.0
Benzo(b)fluoranthene	1.659	1.488		-10.3	20.0
Benzo(k)fluoranthene	1.639	1.527		-6.8	20.0
Benzo(a)pyrene	1.407	1.256		-10.7	20.0
Benzo(g,h,i)perylene	1.383	1.455		5.2	20.0

All other compounds must meet a minimum RRF of 0.010.

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG No.: Q2073

Instrument ID: BNA_N Calibration Date/Time: 05/28/2025 17:11

Lab File ID: BN037112.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 17:41 21:17

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.563	0.552		-2.0	20.0
Fluoranthene-d10	1.097	0.986		-10.1	20.0
2-Fluorophenol	1.048	0.938		-10.5	20.0
Phenol-d6	1.311	1.123		-14.3	20.0
Nitrobenzene-d5	0.436	0.426		-2.3	20.0
2-Fluorobiphenyl	1.832	1.889		3.1	20.0
2,4,6-Tribromophenol	0.176	0.145		-17.6	20.0
Terphenyl-d14	0.856	0.888		3.7	20.0
Benzo(a)anthracene	1.506	1.376		-8.6	20.0
Benzo(b)fluoranthene	1.659	1.484		-10.5	20.0
Benzo(k)fluoranthene	1.639	1.523		-7.1	20.0
Benzo(a)pyrene	1.407	1.292		-8.2	20.0
Benzo(g,h,i)perylene	1.383	1.468		6.1	20.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
Data File : BN037086.D
Acq On : 27 May 2025 14:35
Operator : RC/JU
Sample : Q2073-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GDW1

Quant Time: May 27 15:02:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

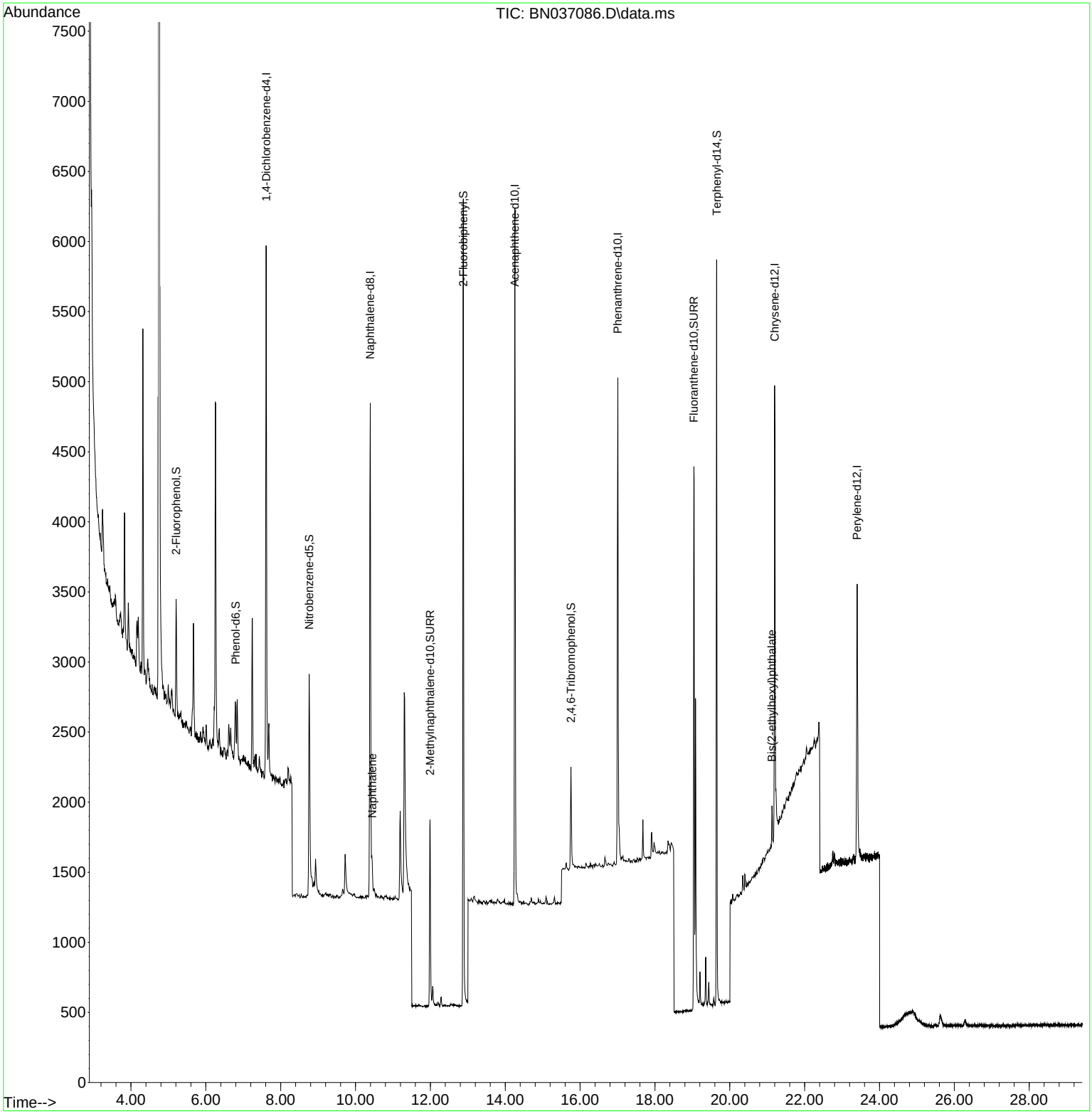
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1858	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4733	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2639	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	4979	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	3199	0.400	ng	0.00
35) Perylene-d12	23.401	264	2828	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	580	0.119	ng	0.00
5) Phenol-d6	6.795	99	393	0.065	ng	0.00
8) Nitrobenzene-d5	8.760	82	1532	0.297	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	1949	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	422	0.364	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	5347	0.442	ng	-0.01
27) Fluoranthene-d10	19.040	212	4591	0.336	ng	0.00
31) Terphenyl-d14	19.649	244	4896	0.716	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.447	128	311	0.022	ng	# 49
34) Bis(2-ethylhexyl)phtha...	21.126	149	287	0.039	ng	# 97

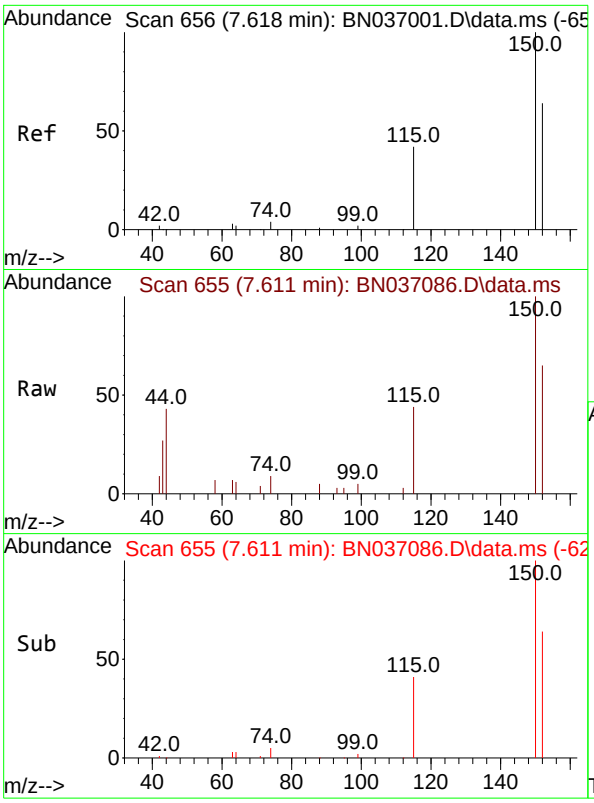
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
Data File : BN037086.D
Acq On : 27 May 2025 14:35
Operator : RC/JU
Sample : Q2073-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GDW1

Quant Time: May 27 15:02:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



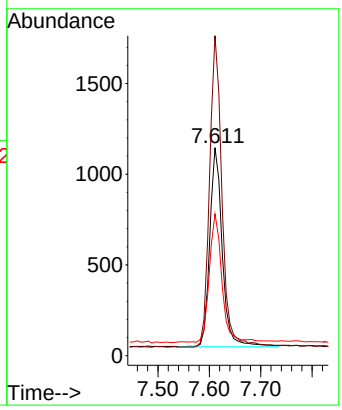


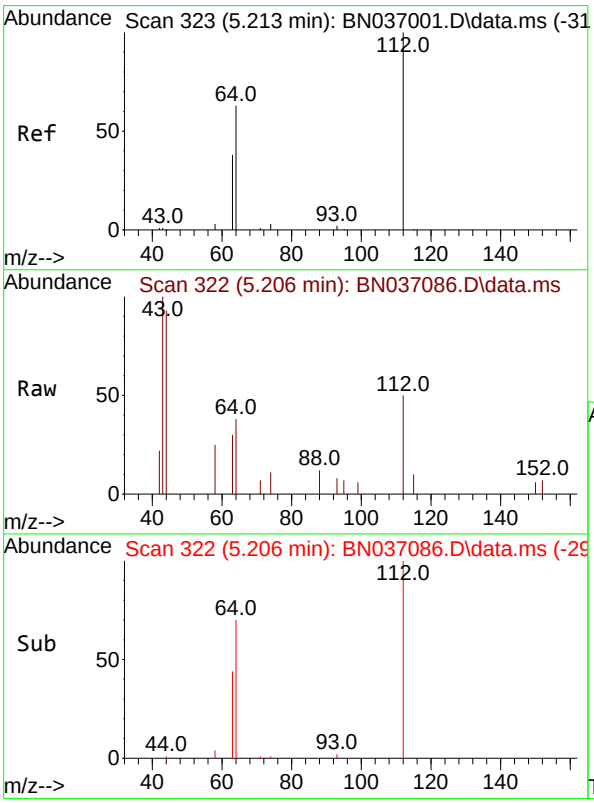
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Instrument :
BNA_N
ClientSampleId :
GDW1

Tgt Ion:152 Resp: 1858

Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.9	185.9
115	68.1	55.8	83.8

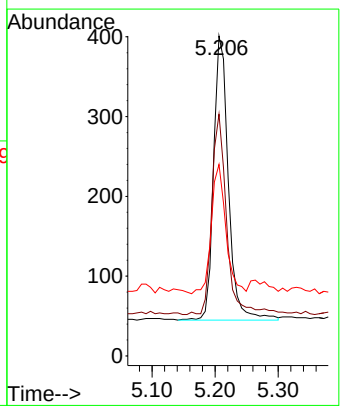


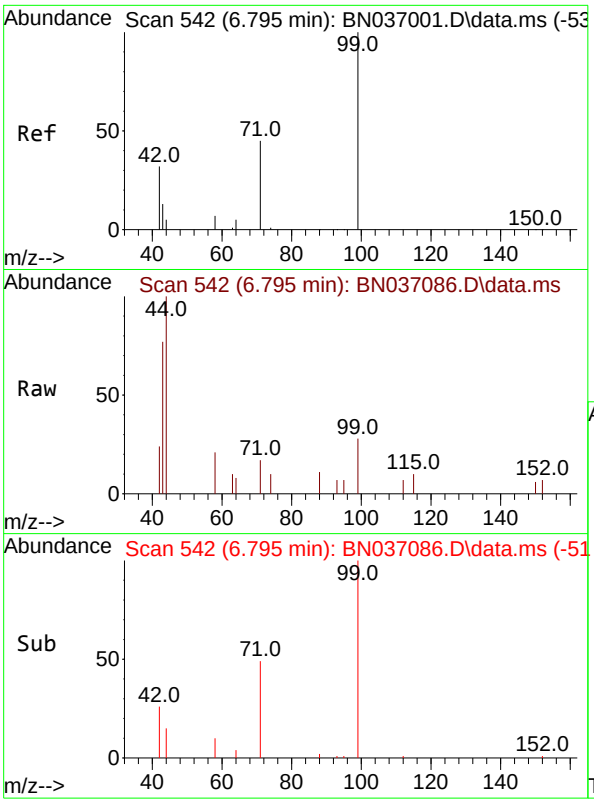


#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Tgt Ion:112 Resp: 580

Ion	Ratio	Lower	Upper
112	100		
64	71.2	55.7	83.5
63	44.7	34.6	51.8



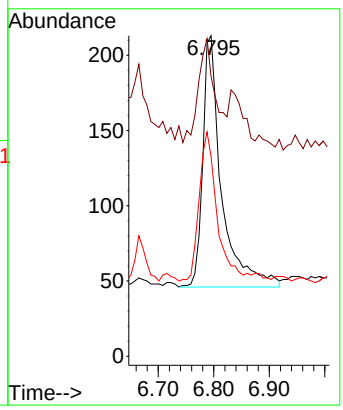


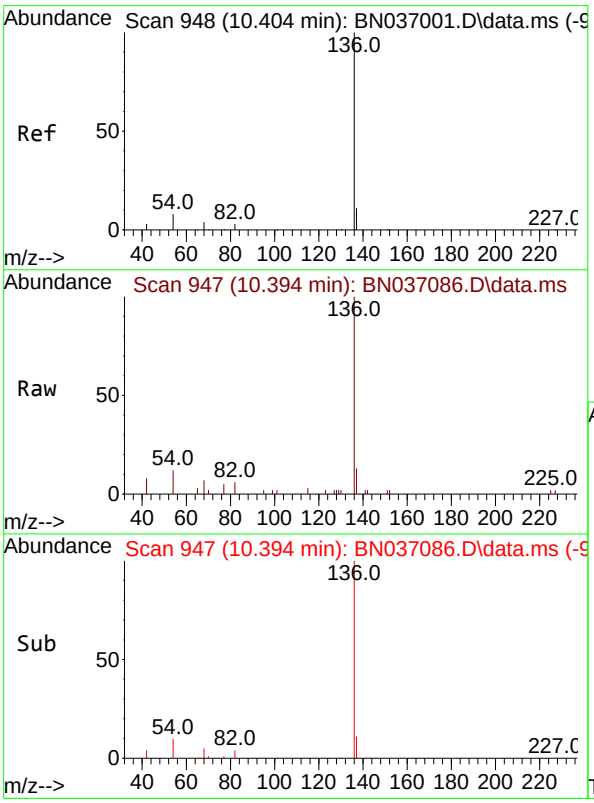
#5
Phenol-d6
Concen: 0.065 ng
RT: 6.795 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Instrument :
BNA_N
ClientSampleId :
GDW1

Tgt Ion: 99 Resp: 393

Ion	Ratio	Lower	Upper
99	100		
42	36.6	29.3	43.9
71	56.5	35.7	53.5#

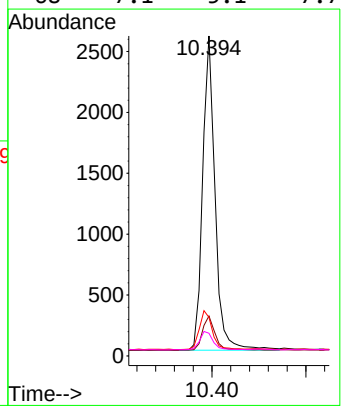


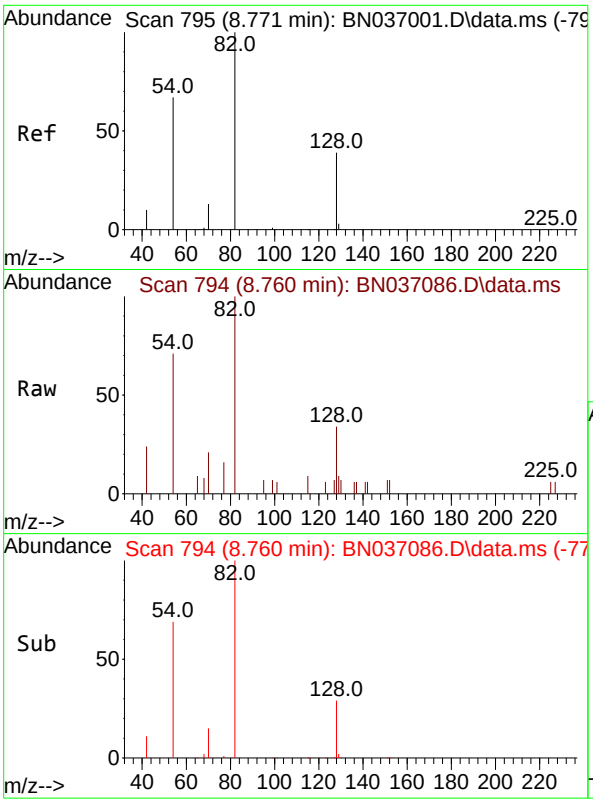


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Tgt Ion:136 Resp: 4733

Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.4	15.6
54	12.0	8.5	12.7
68	7.1	5.1	7.7



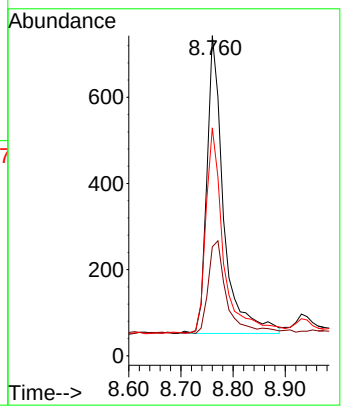


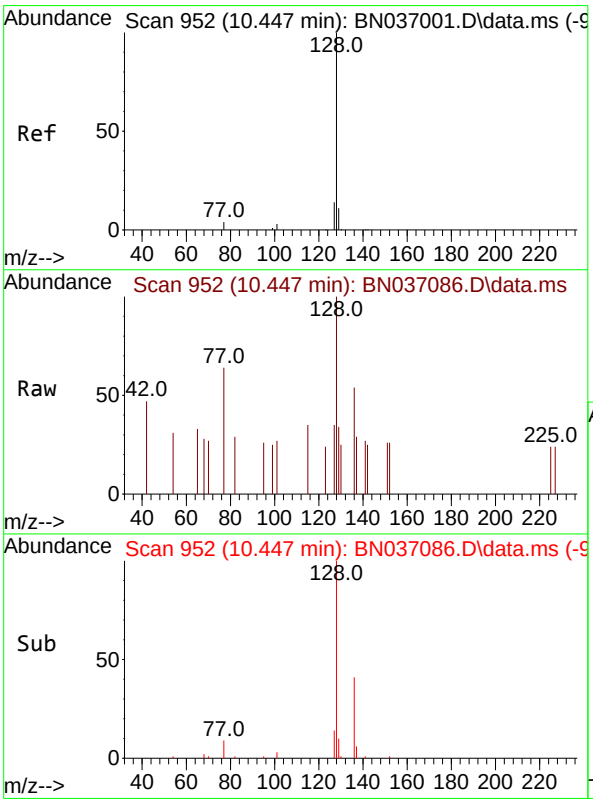
#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.760 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Instrument :
BNA_N
ClientSampleId :
GDW1

Tgt Ion: 82 Resp: 1532

Ion	Ratio	Lower	Upper
82	100		
128	34.1	34.0	51.0
54	71.2	55.0	82.4

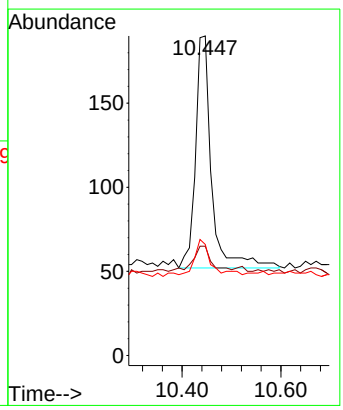


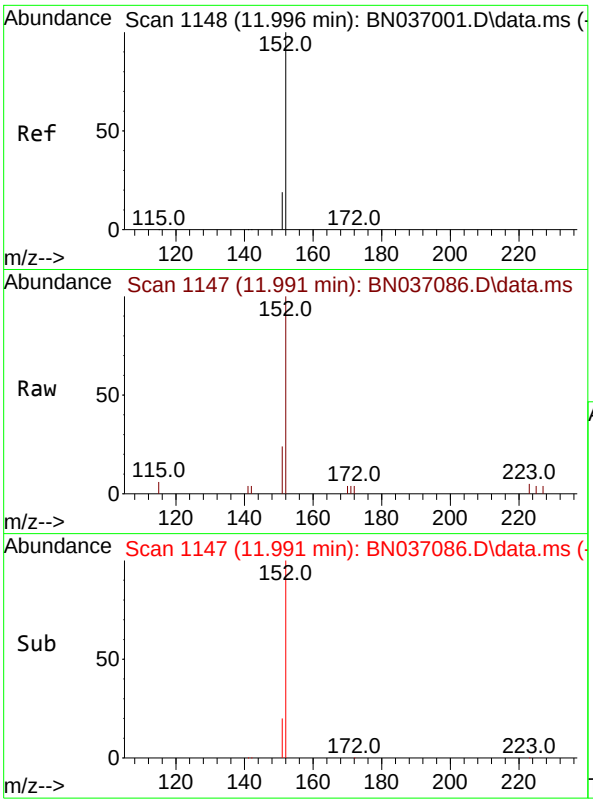


#9
Naphthalene
Concen: 0.022 ng
RT: 10.447 min Scan# 952
Delta R.T. 0.000 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Tgt Ion:128 Resp: 311

Ion	Ratio	Lower	Upper
128	100		
129	34.2	9.7	14.5#
127	34.7	12.4	18.6#



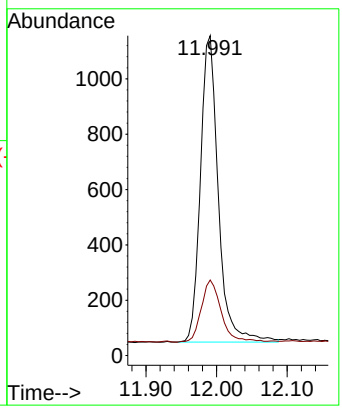


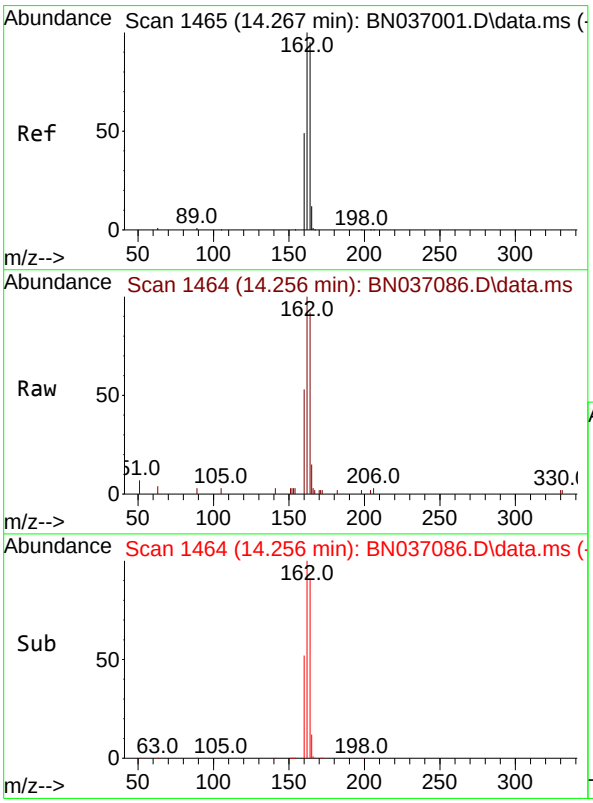
#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 11.991 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Instrument :
BNA_N
ClientSampleId :
GDW1

Tgt Ion:152 Resp: 1949

Ion	Ratio	Lower	Upper
152	100		
151	22.5	17.5	26.3

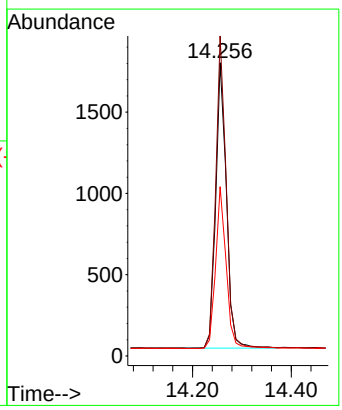


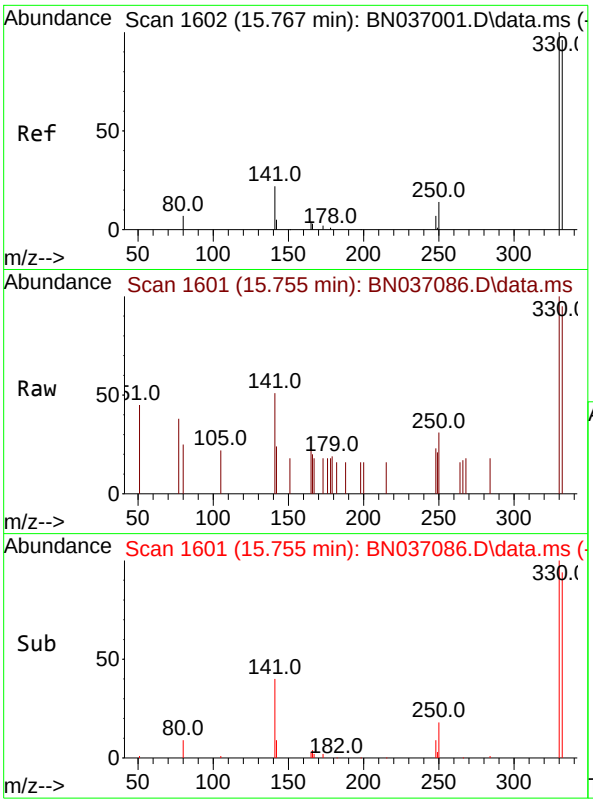


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Tgt Ion:164 Resp: 2639

Ion	Ratio	Lower	Upper
164	100		
162	109.1	84.2	126.4
160	57.7	42.6	63.8



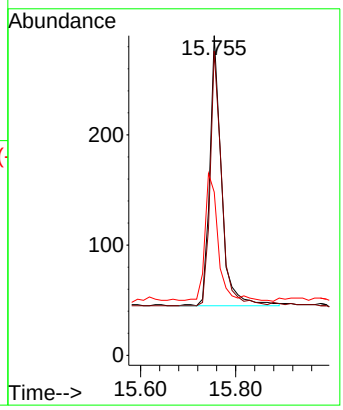


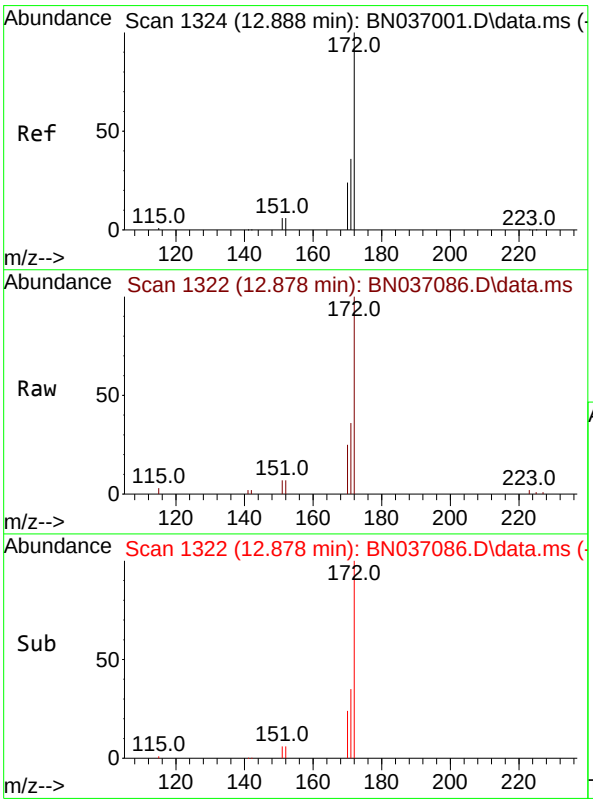
#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 15.755 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Instrument :
BNA_N
ClientSampleId :
GDW1

Tgt Ion:330 Resp: 422

Ion	Ratio	Lower	Upper
330	100		
332	91.7	73.8	110.8
141	55.2	43.9	65.9

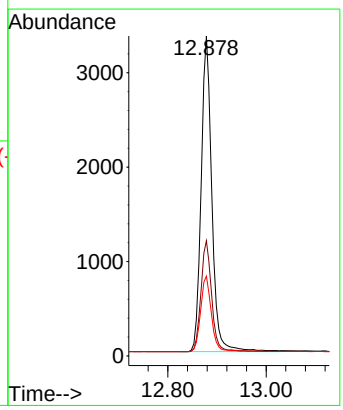


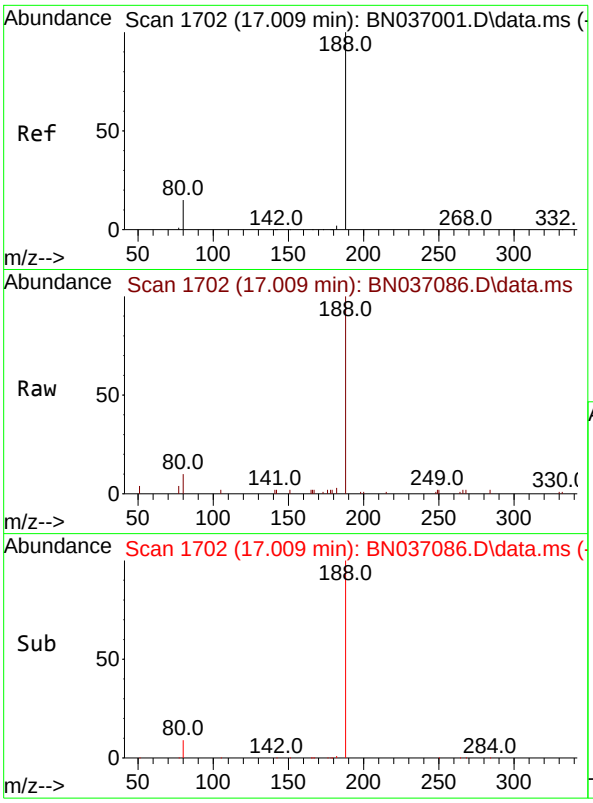


#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 12.878 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Tgt Ion:172 Resp: 5347

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	25.0	20.5	30.7



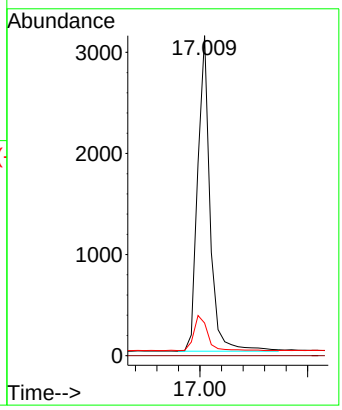


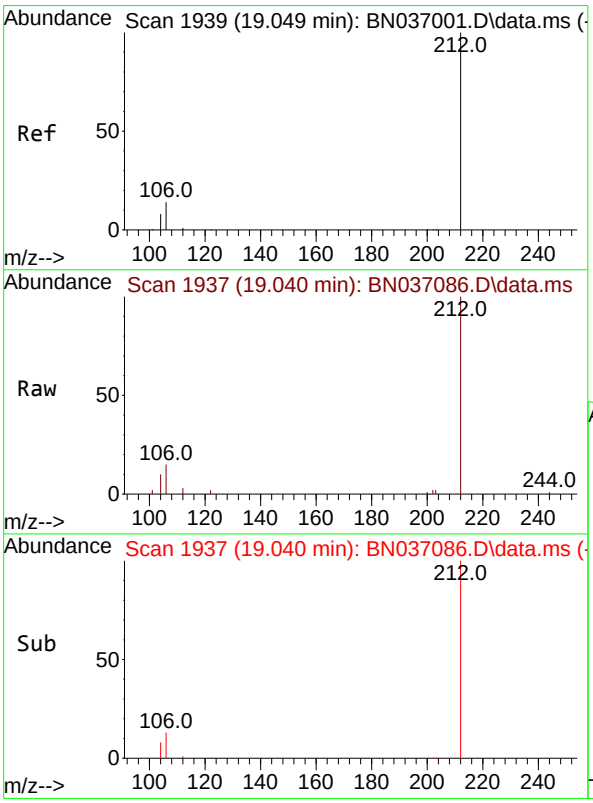
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Instrument :
BNA_N
ClientSampleId :
GDW1

Tgt Ion:188 Resp: 4979

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	13.4	20.0#

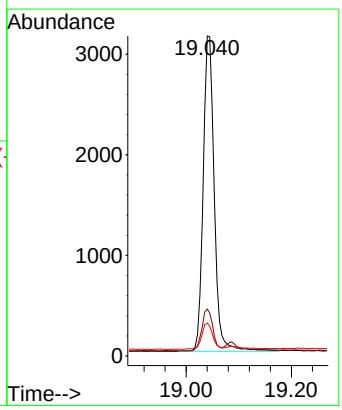


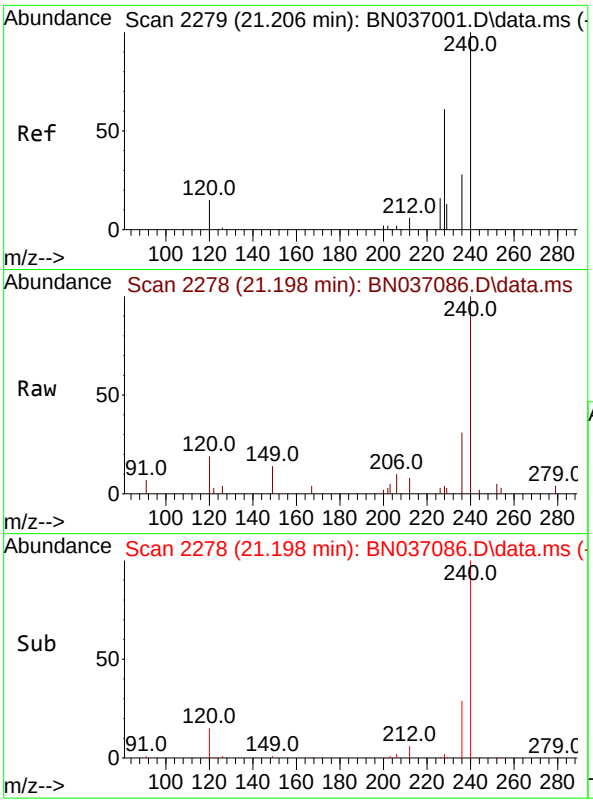


#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Tgt Ion:212 Resp: 4591

Ion	Ratio	Lower	Upper
212	100		
106	13.1	11.3	16.9
104	8.1	6.7	10.1



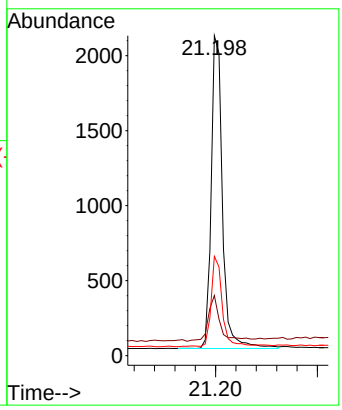


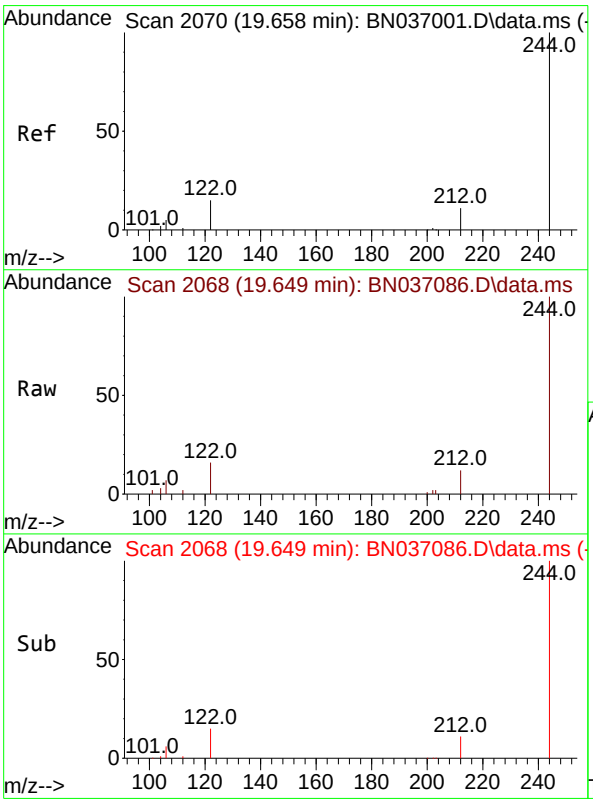
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Instrument :
BNA_N
ClientSampleId :
GDW1

Tgt Ion:240 Resp: 3199

Ion	Ratio	Lower	Upper
240	100		
120	18.8	15.1	22.7
236	31.0	24.0	36.0

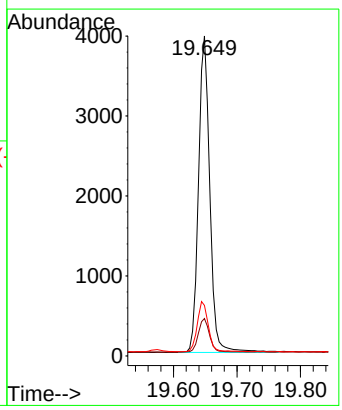


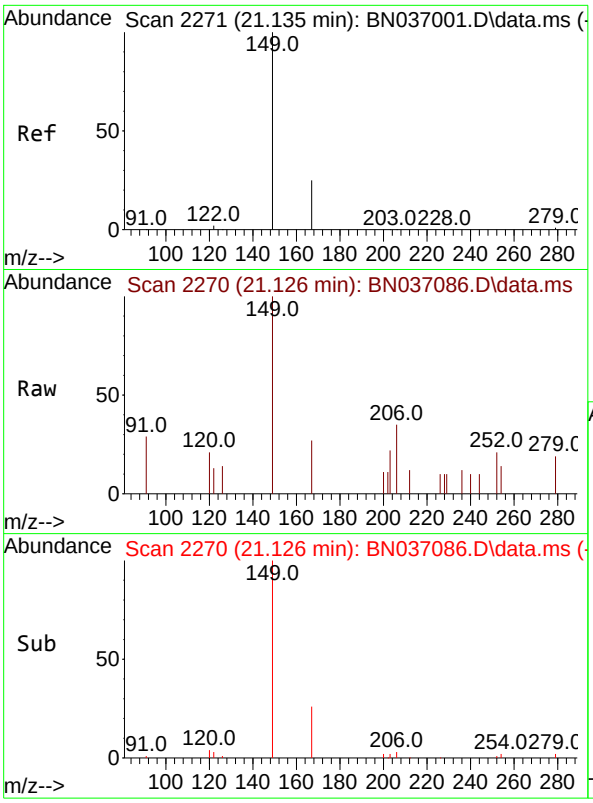


#31
Terphenyl-d14
Concen: 0.716 ng
RT: 19.649 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Tgt Ion:244 Resp: 4896

Ion	Ratio	Lower	Upper
244	100		
212	11.7	9.7	14.5
122	15.8	13.4	20.0



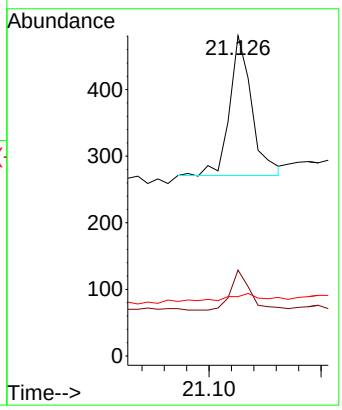


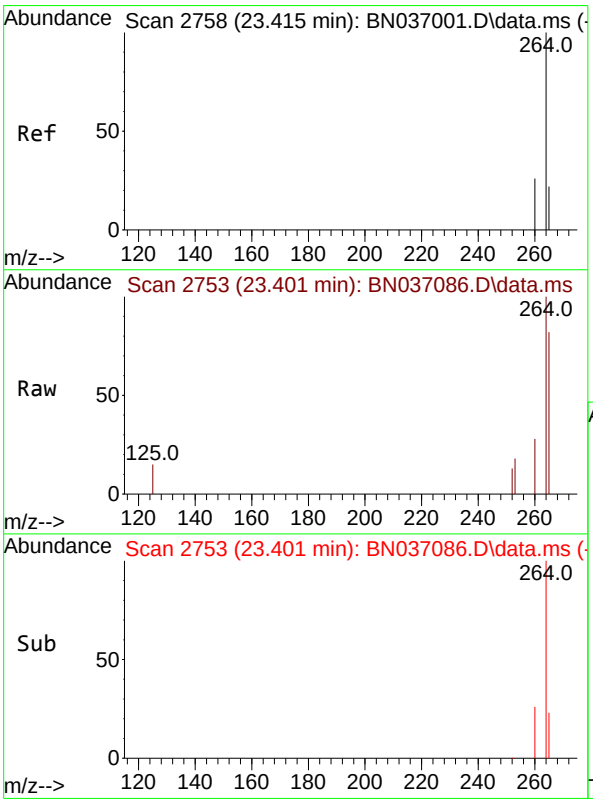
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.039 ng
RT: 21.126 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Instrument :
BNA_N
ClientSampleId :
GDW1

Tgt Ion:149 Resp: 287

Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.6	30.8
279	8.0	2.6	3.8#

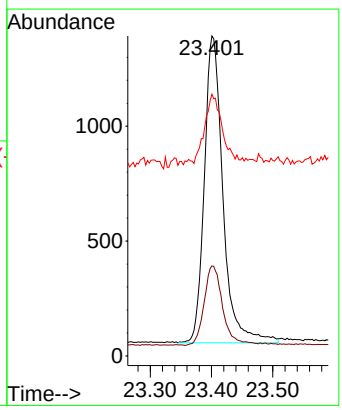




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.401 min Scan# 2753
Delta R.T. -0.015 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Tgt Ion:264 Resp: 2828

Ion	Ratio	Lower	Upper
264	100		
260	28.1	21.9	32.9
265	81.8	51.6	77.4#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
Data File : BN037087.D
Acq On : 27 May 2025 15:11
Operator : RC/JU
Sample : Q2073-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GDW2

Quant Time: May 27 15:36:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

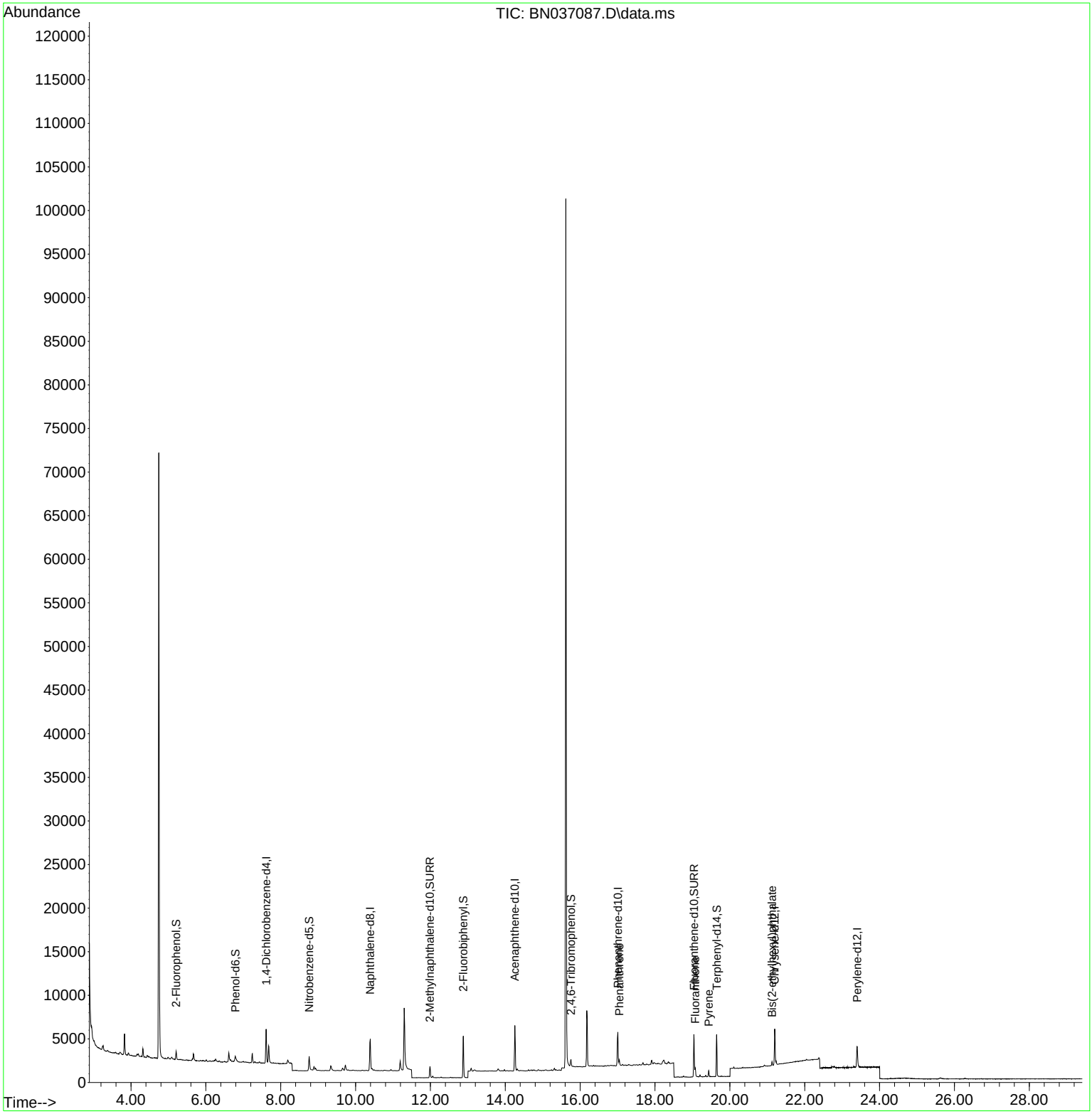
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1828	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4851	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2747	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	5537	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	3938	0.400	ng	0.00
35) Perylene-d12	23.401	264	3305	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	612	0.128	ng	0.00
5) Phenol-d6	6.788	99	462	0.077	ng	0.00
8) Nitrobenzene-d5	8.760	82	1429	0.271	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	1833	0.268	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	428	0.355	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	4464	0.355	ng	-0.01
27) Fluoranthene-d10	19.040	212	5196	0.342	ng	0.00
31) Terphenyl-d14	19.649	244	4607	0.547	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.046	178	622	0.034	ng	# 96
28) Fluoranthene	19.073	202	713	0.033	ng	# 68
30) Pyrene	19.435	202	637	0.038	ng	96
34) Bis(2-ethylhexyl)phtha...	21.126	149	515	0.056	ng	93

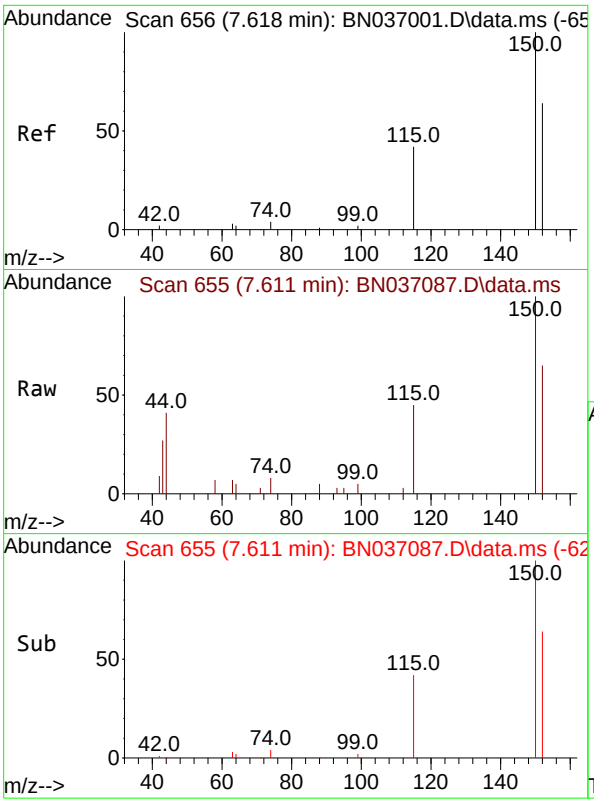
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
Data File : BN037087.D
Acq On : 27 May 2025 15:11
Operator : RC/JU
Sample : Q2073-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GDW2

Quant Time: May 27 15:36:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



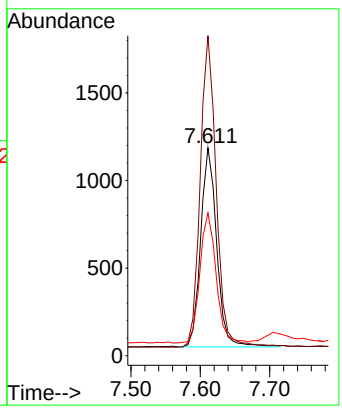


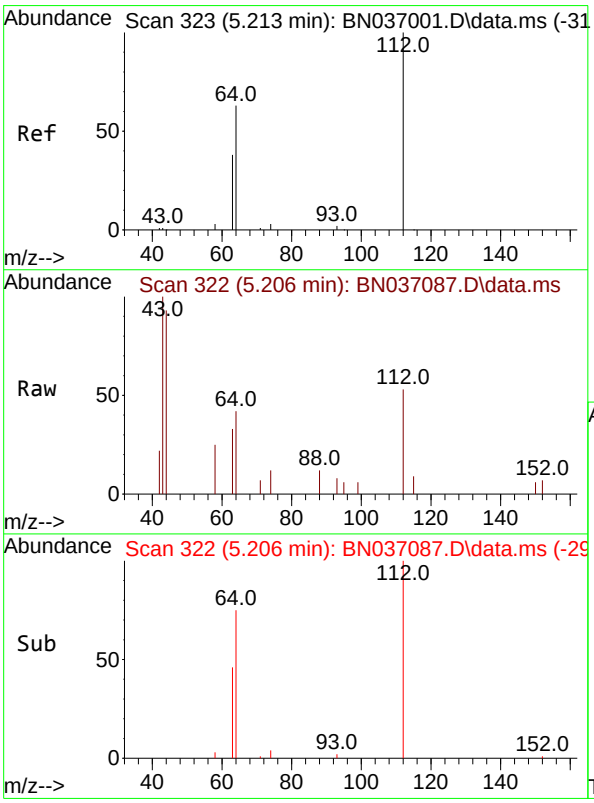
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Instrument :
BNA_N
ClientSampleId :
GDW2

Tgt Ion:152 Resp: 1828

Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.9	185.9
115	68.7	55.8	83.8

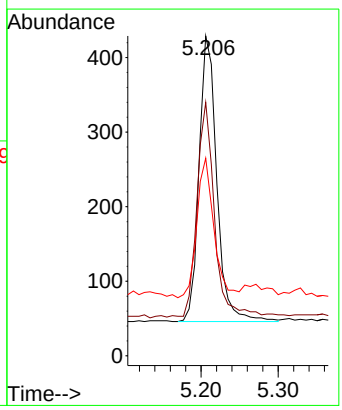


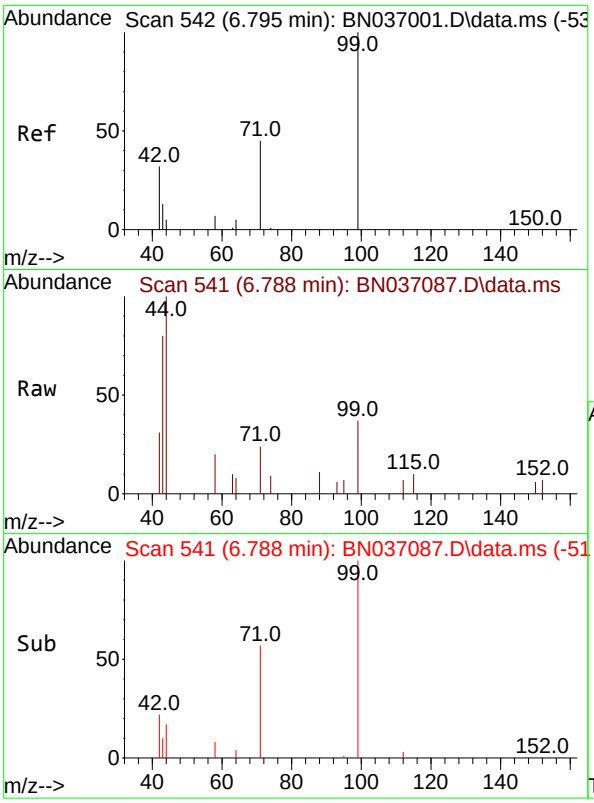


#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Tgt Ion:112 Resp: 612

Ion	Ratio	Lower	Upper
112	100		
64	75.0	55.7	83.5
63	47.2	34.6	51.8



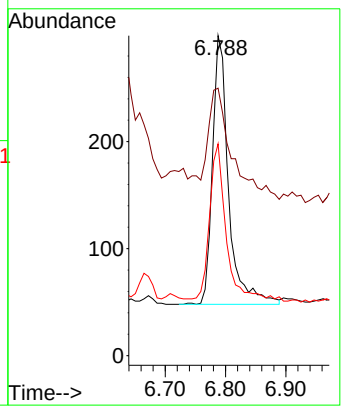


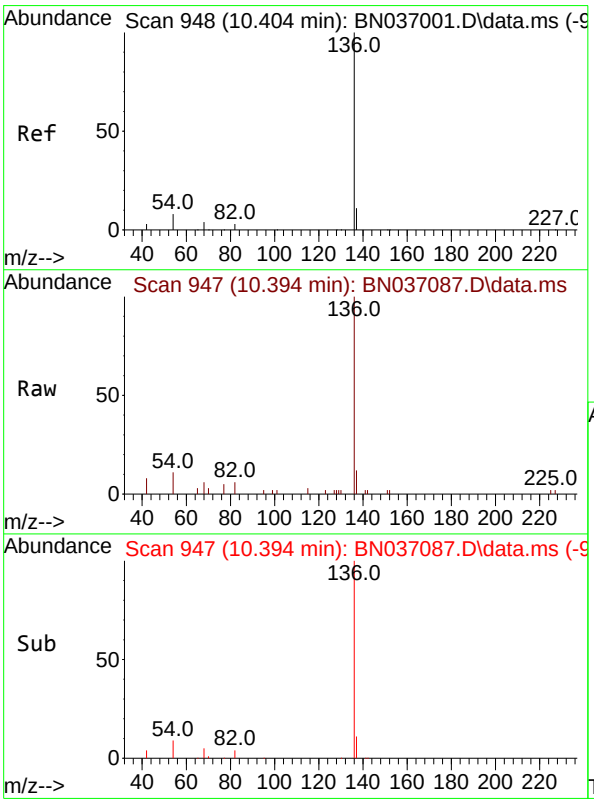
#5
Phenol-d6
Concen: 0.077 ng
RT: 6.788 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Instrument :
BNA_N
ClientSampleId :
GDW2

Tgt Ion: 99 Resp: 462

Ion	Ratio	Lower	Upper
99	100		
42	60.8	29.3	43.9#
71	61.3	35.7	53.5#

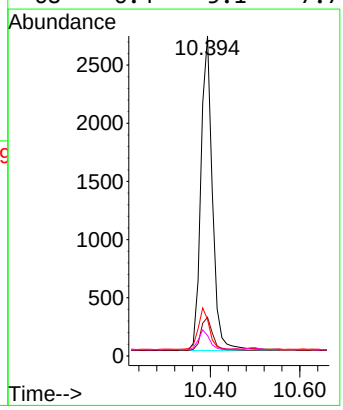


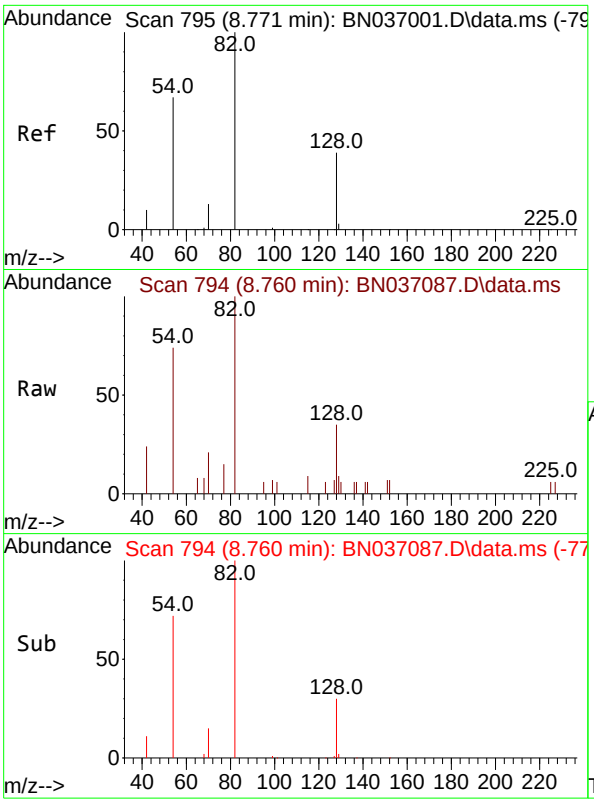


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Tgt Ion:136 Resp: 4851

Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.4	15.6
54	11.4	8.5	12.7
68	6.4	5.1	7.7



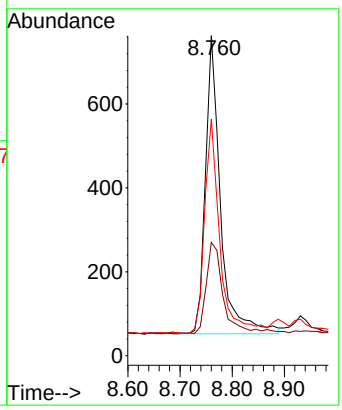


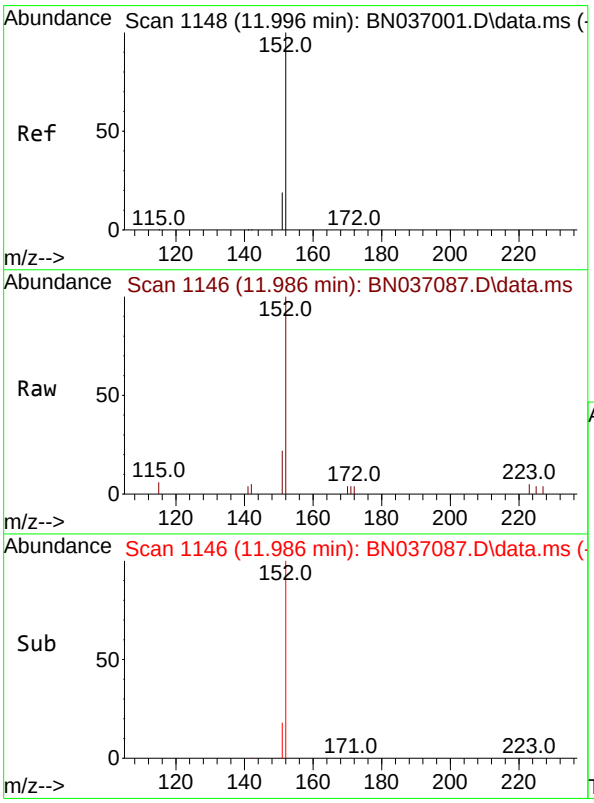
#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 8.760 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Instrument :
BNA_N
ClientSampleId :
GDW2

Tgt Ion: 82 Resp: 1429

Ion	Ratio	Lower	Upper
82	100		
128	35.4	34.0	51.0
54	73.9	55.0	82.4

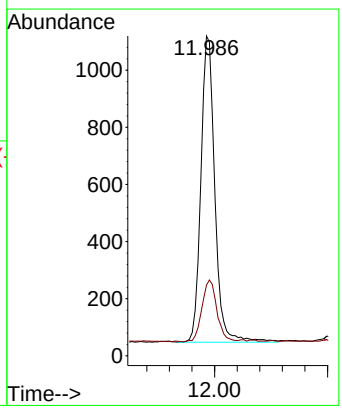


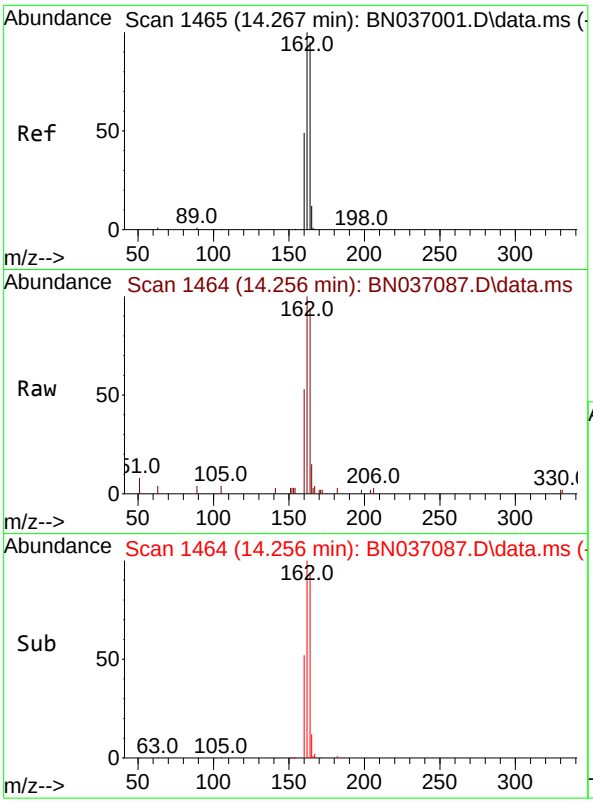


#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 11.986 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Tgt Ion:152 Resp: 1833

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.5	26.3



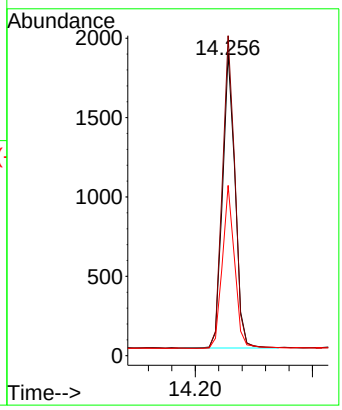


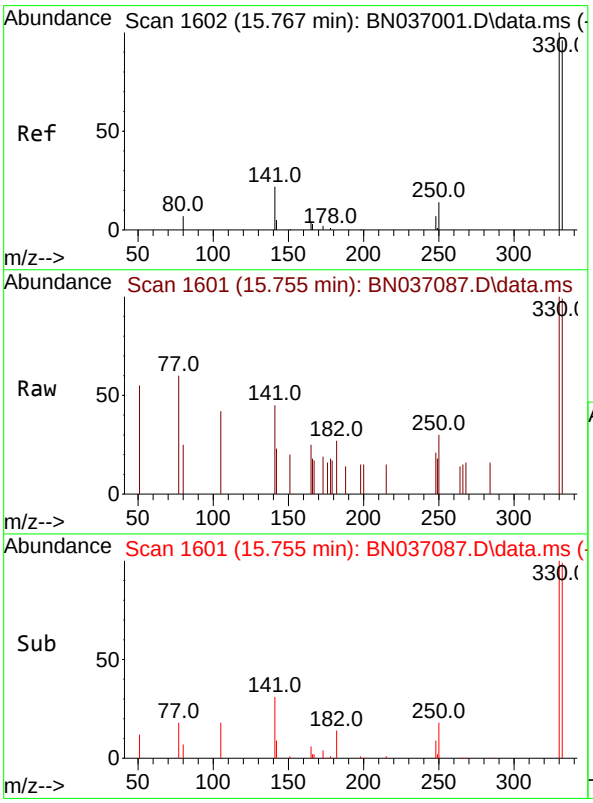
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Instrument :
BNA_N
ClientSampleId :
GDW2

Tgt Ion:164 Resp: 2747

Ion	Ratio	Lower	Upper
164	100		
162	105.9	84.2	126.4
160	56.4	42.6	63.8

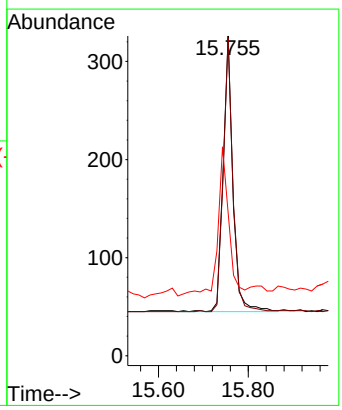




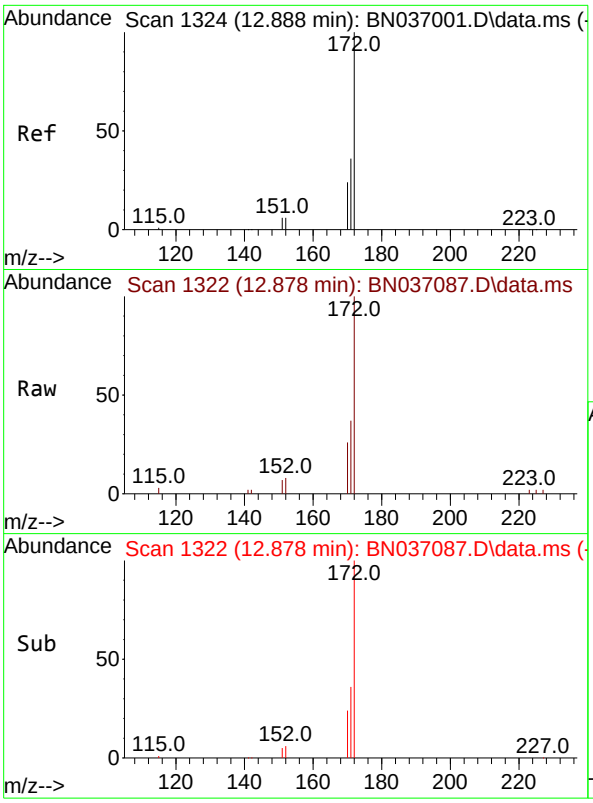
#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Tgt Ion:330 Resp: 428

Ion	Ratio	Lower	Upper
330	100		
332	97.9	73.8	110.8
141	57.0	43.9	65.9



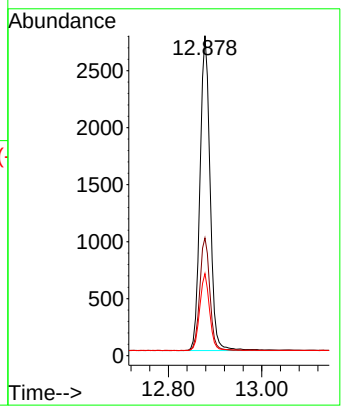
Instrument :
BNA_N
ClientSampleId :
GDW2

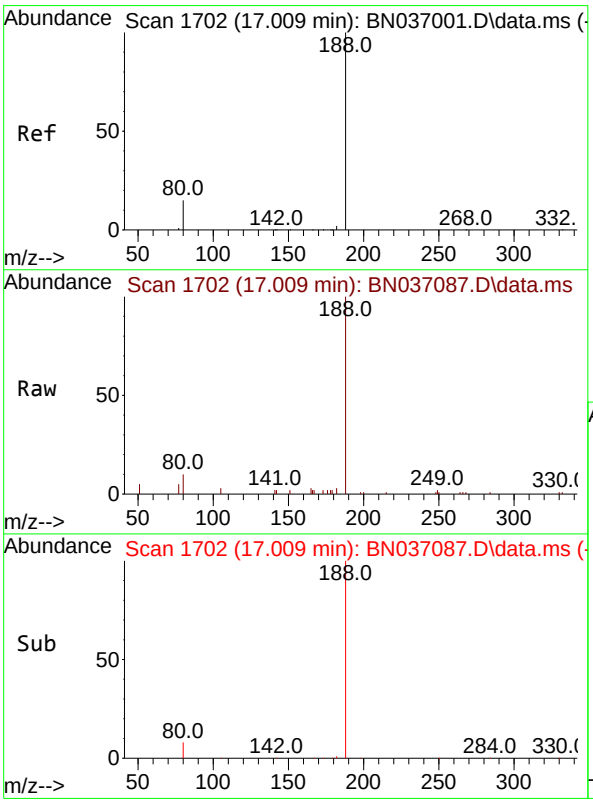


#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.878 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Tgt Ion:172 Resp: 4464

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.2	43.8
170	25.7	20.5	30.7

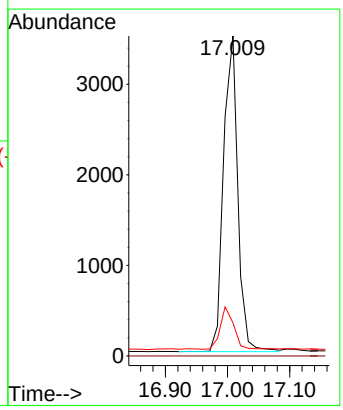


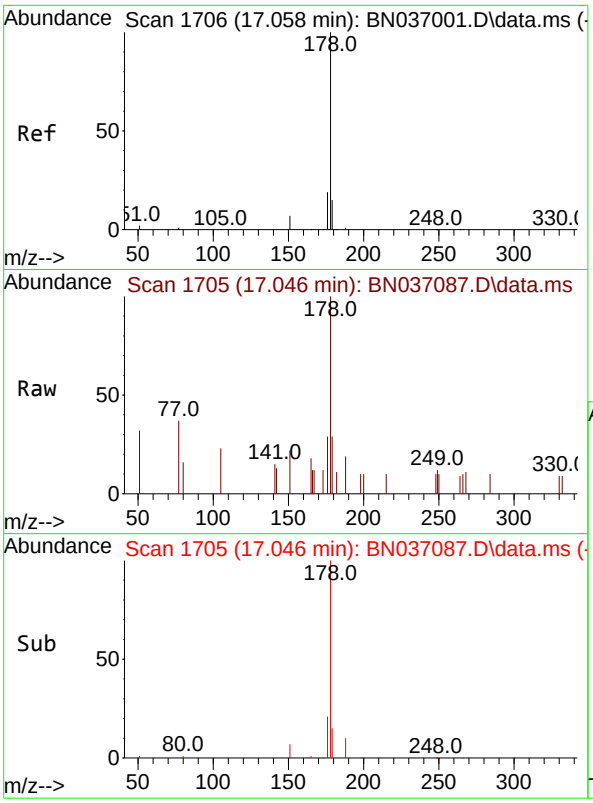


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Tgt Ion:188 Resp: 5537

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	13.4	20.0#



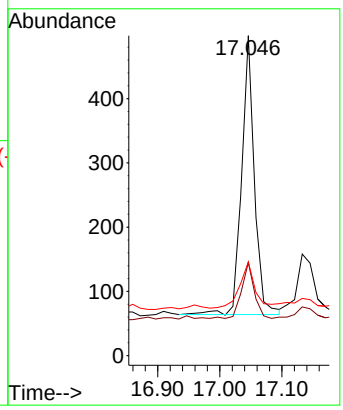


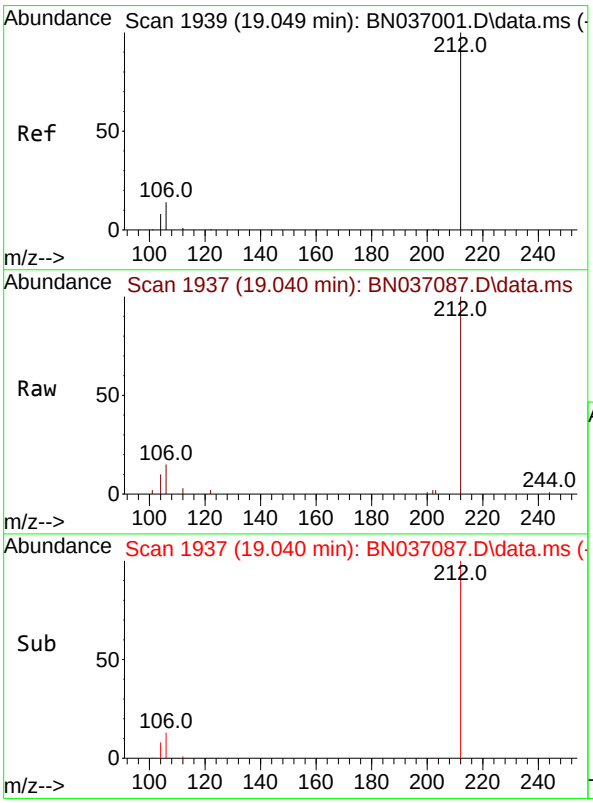
#25
Phenanthrene
Concen: 0.034 ng
RT: 17.046 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Instrument :
BNA_N
ClientSampleId :
GDW2

Tgt Ion:178 Resp: 622

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	19.5	12.2	18.2#

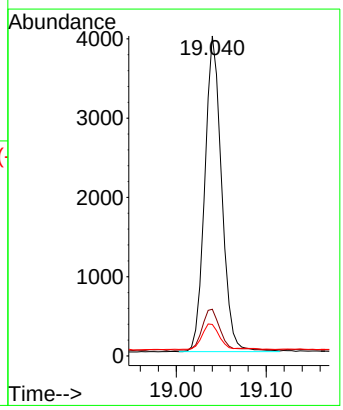


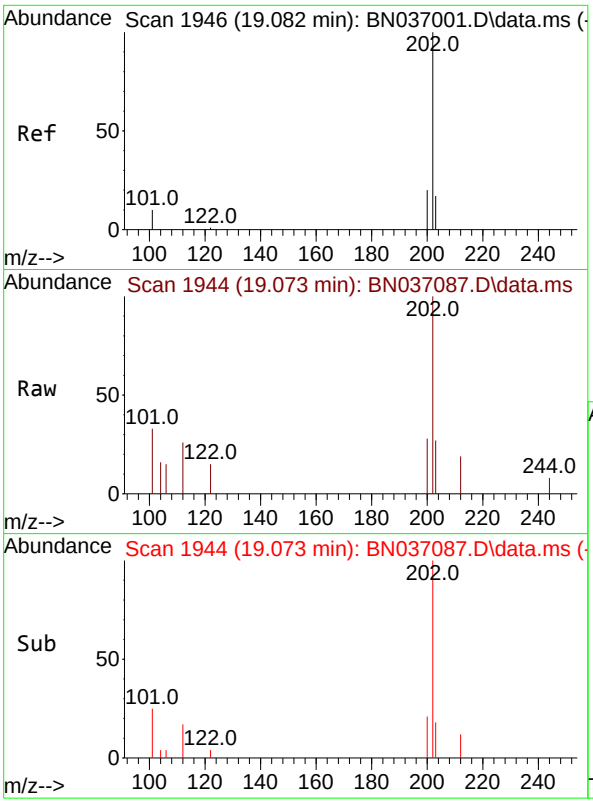


#27
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Tgt Ion:212 Resp: 5196

Ion	Ratio	Lower	Upper
212	100		
106	13.8	11.3	16.9
104	8.2	6.7	10.1



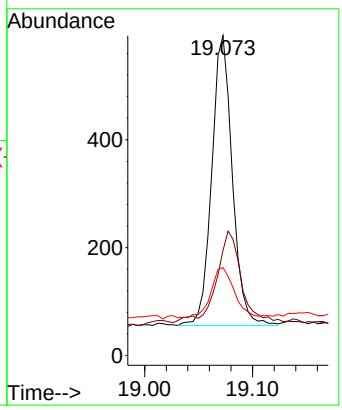


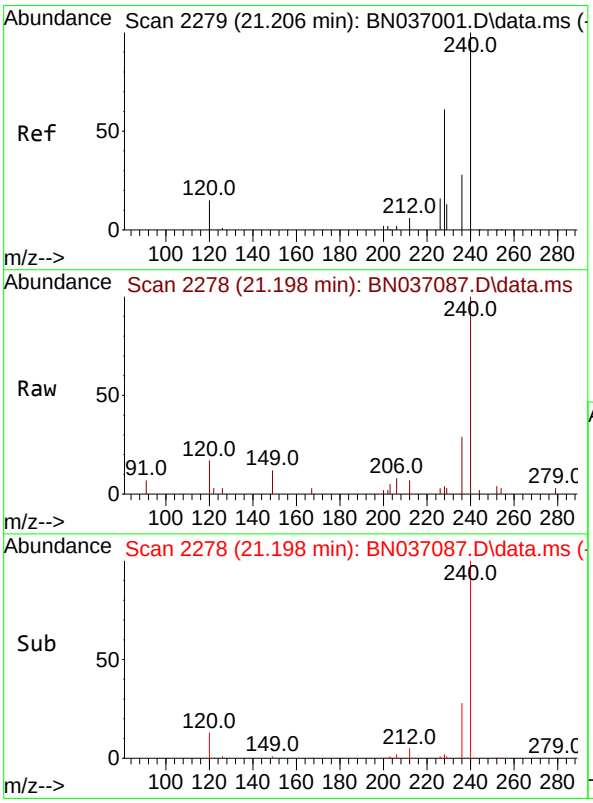
#28
Fluoranthene
Concen: 0.033 ng
RT: 19.073 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Instrument :
BNA_N
ClientSampleId :
GDW2

Tgt Ion:202 Resp: 713

Ion	Ratio	Lower	Upper
202	100		
101	39.0	8.9	13.3#
203	19.8	13.8	20.8

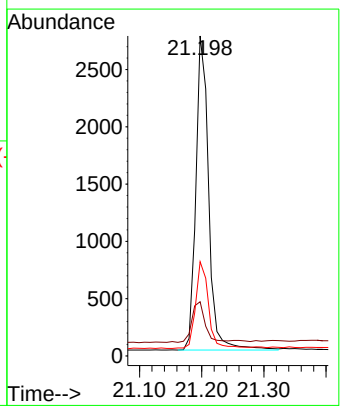


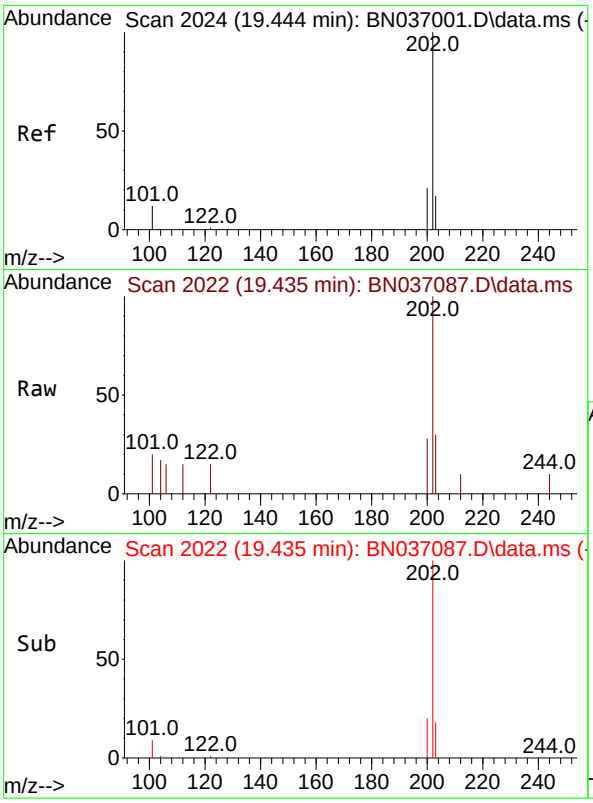


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Tgt Ion:240 Resp: 3938

Ion	Ratio	Lower	Upper
240	100		
120	16.9	15.1	22.7
236	29.4	24.0	36.0



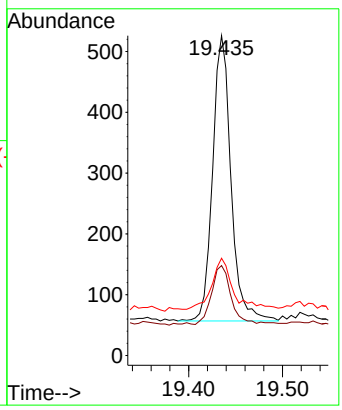


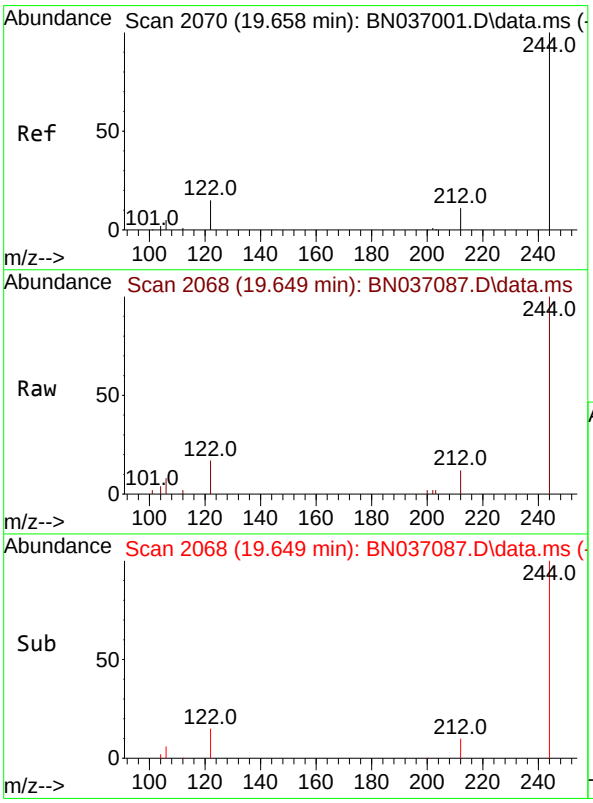
#30
Pyrene
Concen: 0.038 ng
RT: 19.435 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Instrument :
BNA_N
ClientSampleId :
GDW2

Tgt Ion:202 Resp: 637

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.1	25.7
203	20.6	14.2	21.4

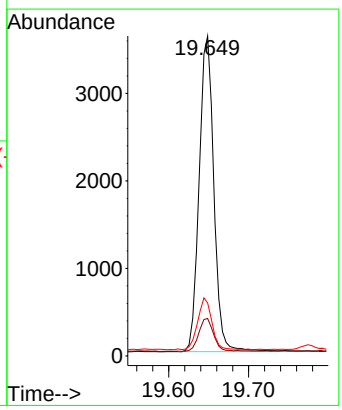


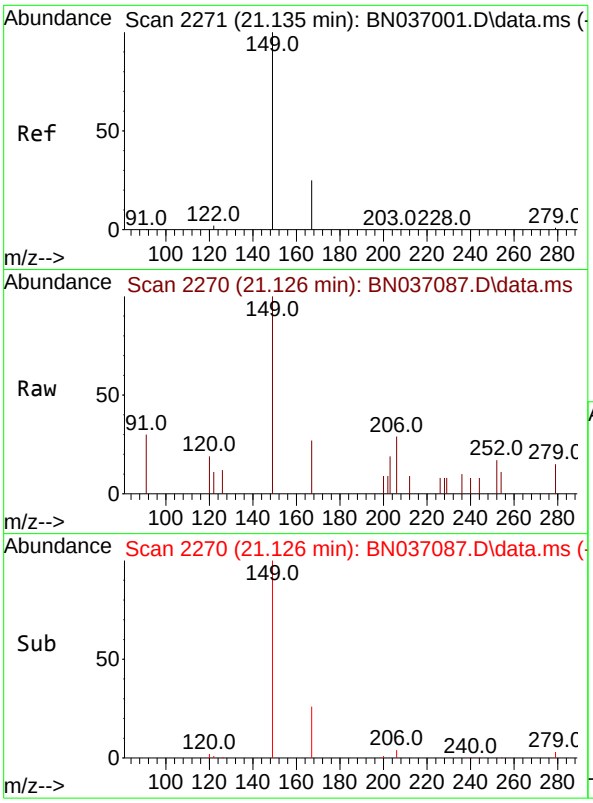


#31
Terphenyl-d14
Concen: 0.547 ng
RT: 19.649 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Tgt Ion:244 Resp: 4607

Ion	Ratio	Lower	Upper
244	100		
212	11.7	9.7	14.5
122	16.5	13.4	20.0



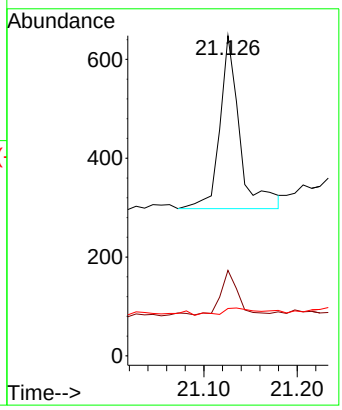


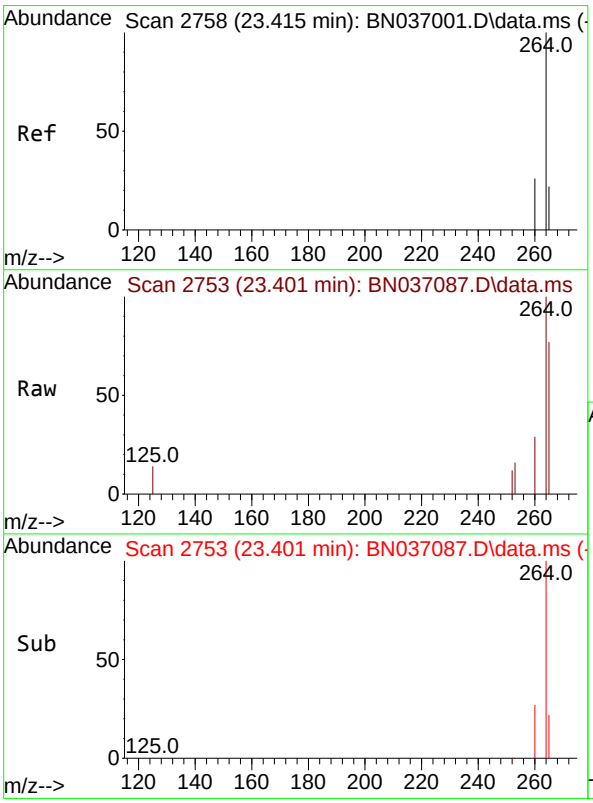
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.056 ng
RT: 21.126 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Instrument :
BNA_N
ClientSampleId :
GDW2

Tgt Ion:149 Resp: 515

Ion	Ratio	Lower	Upper
149	100		
167	21.7	20.6	30.8
279	3.7	2.6	3.8

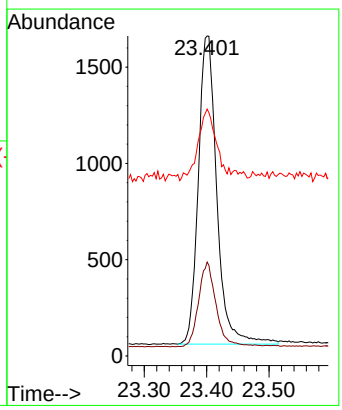




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.401 min Scan# 2753
Delta R.T. -0.015 min
Lab File: BN037087.D
Acq: 27 May 2025 15:11

Tgt Ion:264 Resp: 3305

Ion	Ratio	Lower	Upper
264	100		
260	29.4	21.9	32.9
265	77.1	51.6	77.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
Data File : BN037113.D
Acq On : 28 May 2025 17:47
Operator : RC/JU
Sample : PB168100BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168100BL

Quant Time: May 28 18:13:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

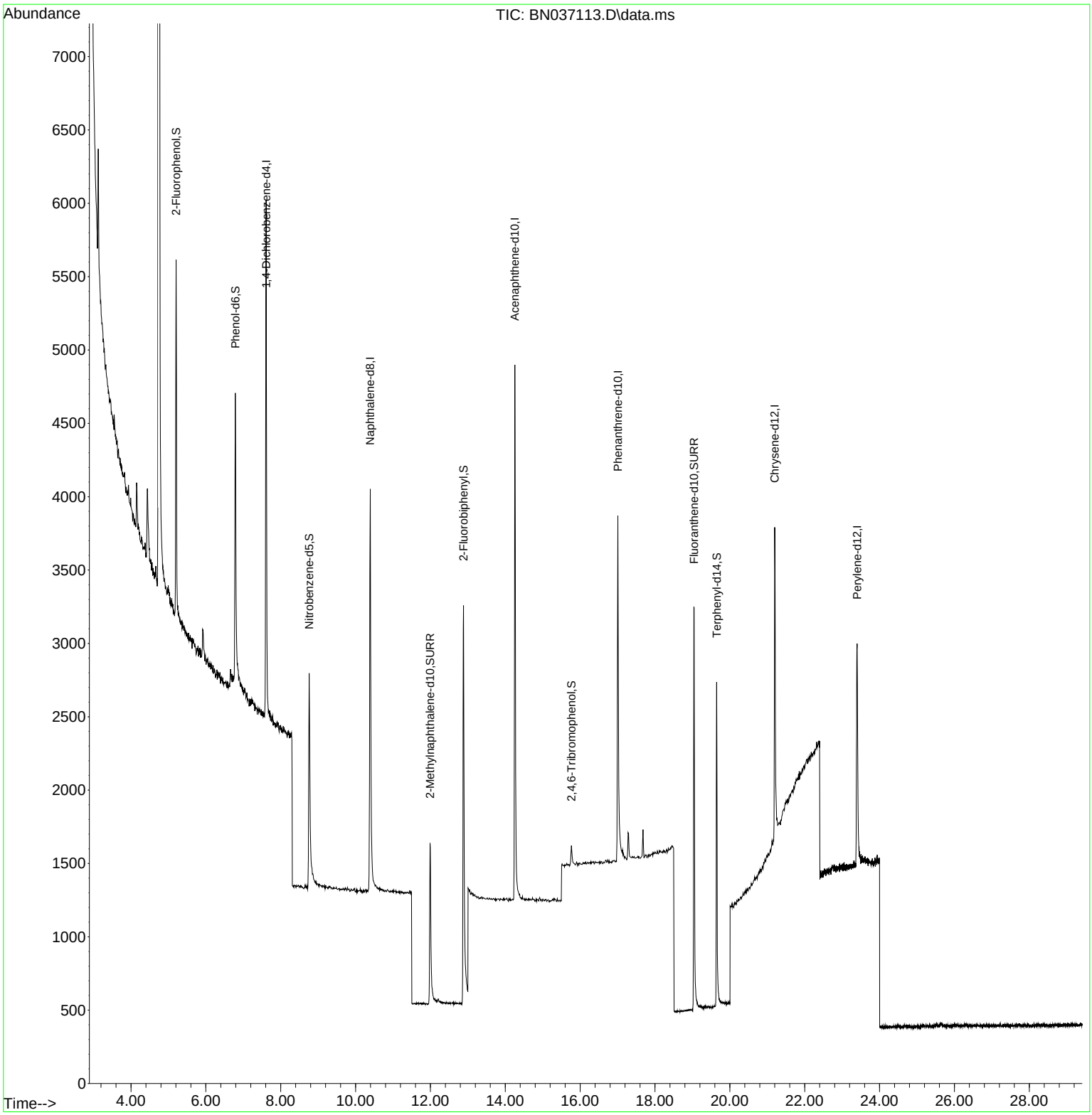
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1765	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4396	0.400	ng	#-0.01
13) Acenaphthene-d10	14.256	164	2346	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	4153	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	2590	0.400	ng	0.00
35) Perylene-d12	23.401	264	2358	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	1668	0.361	ng	0.00
5) Phenol-d6	6.788	99	1904	0.329	ng	0.00
8) Nitrobenzene-d5	8.760	82	1646	0.344	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2217	0.358	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	104	0.101	ng	0.00
15) 2-Fluorobiphenyl	12.883	172	3806	0.354	ng	0.00
27) Fluoranthene-d10	19.045	212	3791	0.333	ng	0.00
31) Terphenyl-d14	19.649	244	2552	0.461	ng	0.00
Target Compounds						Qvalue

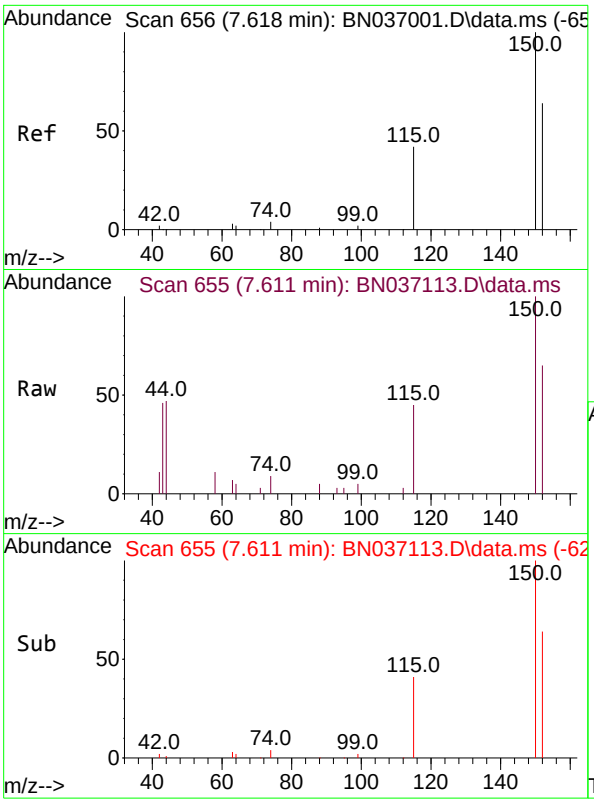
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
Data File : BN037113.D
Acq On : 28 May 2025 17:47
Operator : RC/JU
Sample : PB168100BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168100BL

Quant Time: May 28 18:13:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



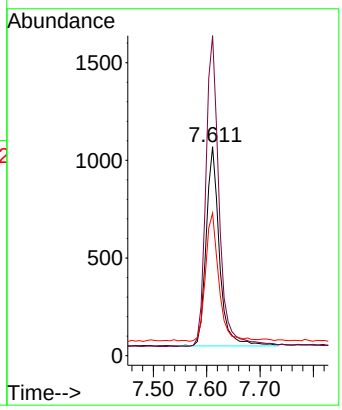


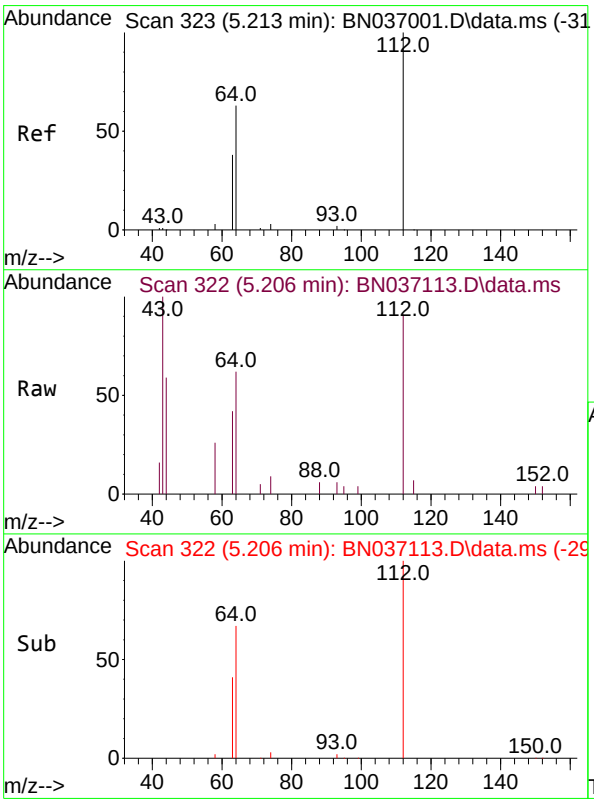
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Instrument :
BNA_N
ClientSampleId :
PB168100BL

Tgt Ion:152 Resp: 1765

Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.9	185.9
115	68.2	55.8	83.8

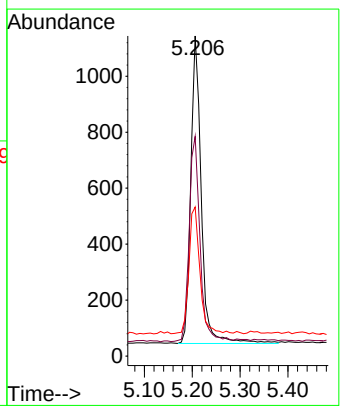


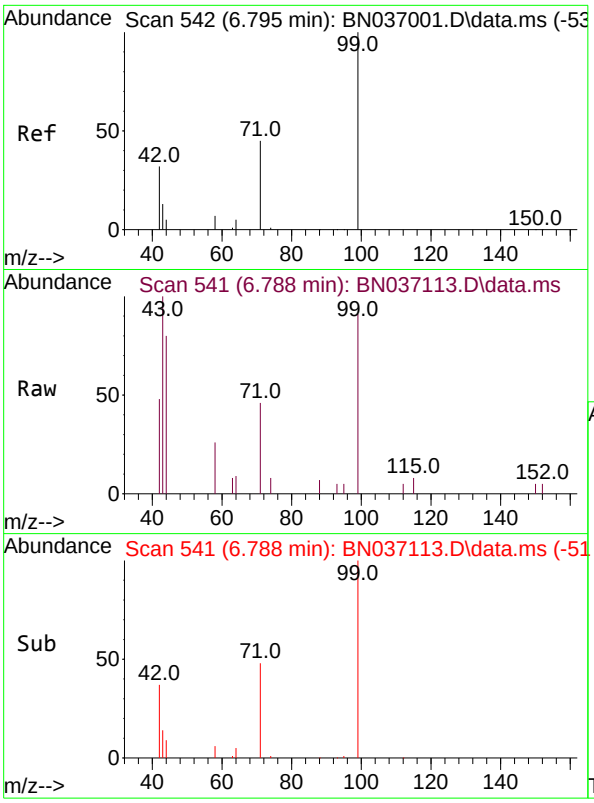


#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Tgt Ion:112 Resp: 1668

Ion	Ratio	Lower	Upper
112	100		
64	68.6	55.7	83.5
63	42.6	34.6	51.8



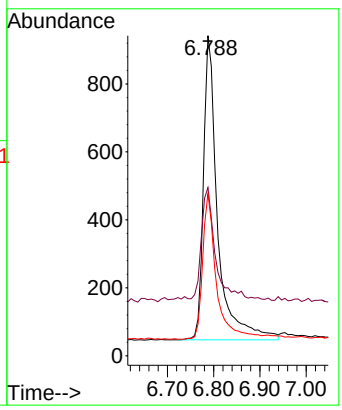


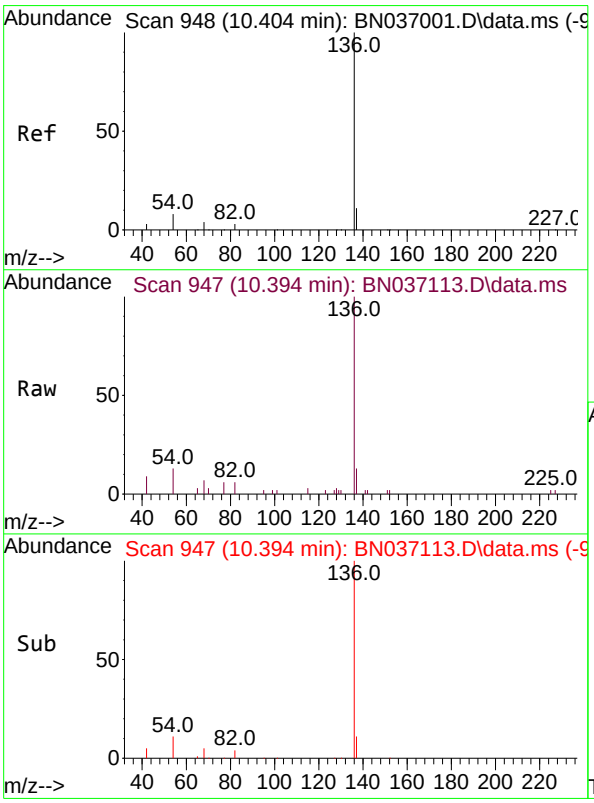
#5
Phenol-d6
Concen: 0.329 ng
RT: 6.788 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Instrument :
BNA_N
ClientSampleId :
PB168100BL

Tgt Ion: 99 Resp: 1904

Ion	Ratio	Lower	Upper
99	100		
42	37.3	29.3	43.9
71	46.2	35.7	53.5

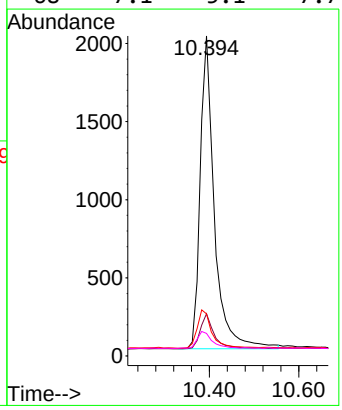


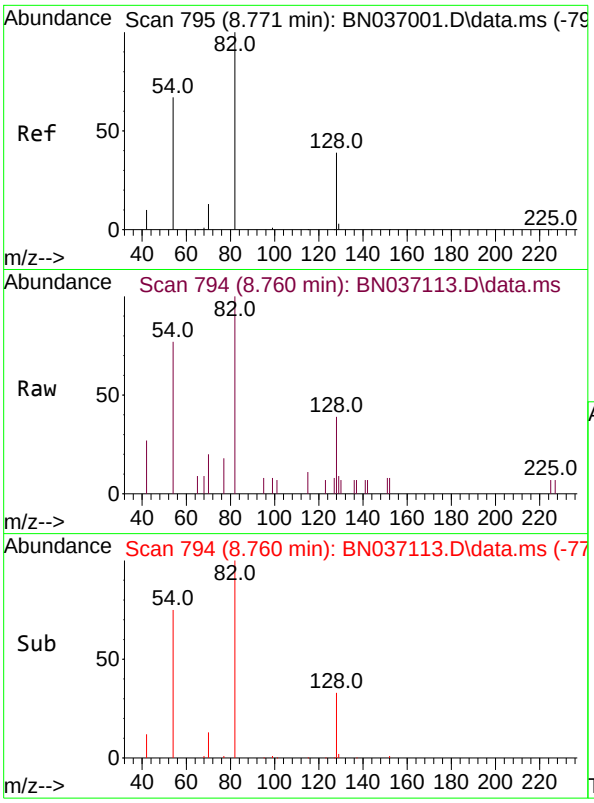


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Tgt Ion:136 Resp: 4396

Ion	Ratio	Lower	Upper
136	100		
137	13.2	10.4	15.6
54	13.2	8.5	12.7#
68	7.1	5.1	7.7



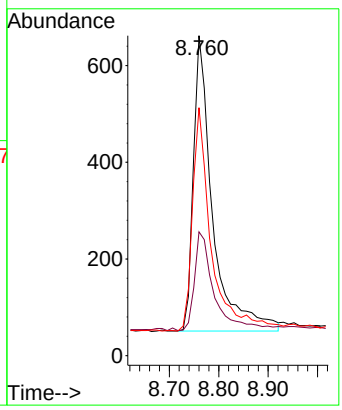


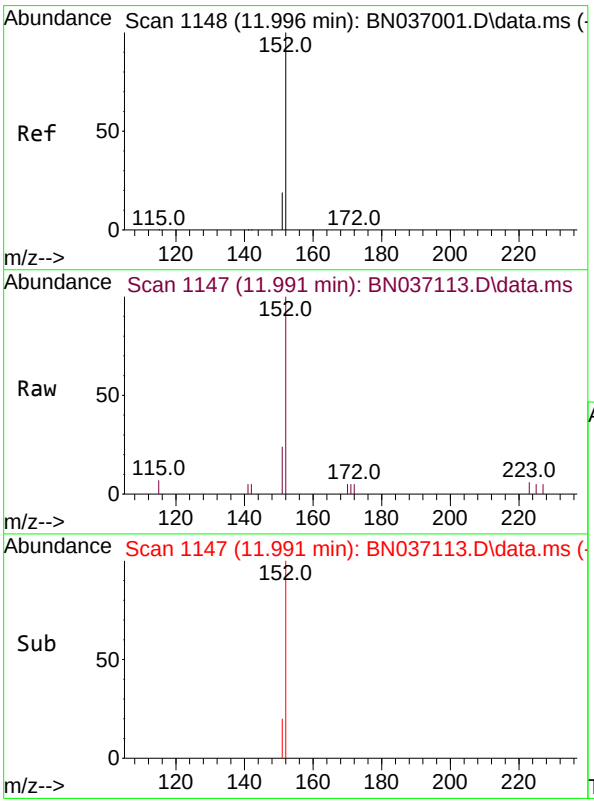
#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 8.760 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Instrument :
BNA_N
ClientSampleId :
PB168100BL

Tgt Ion: 82 Resp: 1646

Ion	Ratio	Lower	Upper
82	100		
128	38.7	34.0	51.0
54	77.5	55.0	82.4

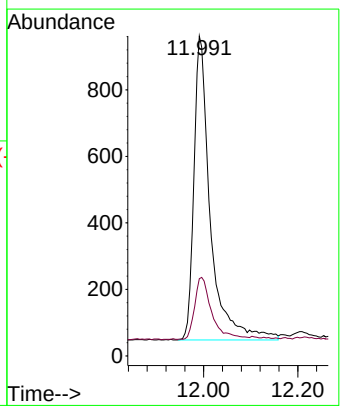


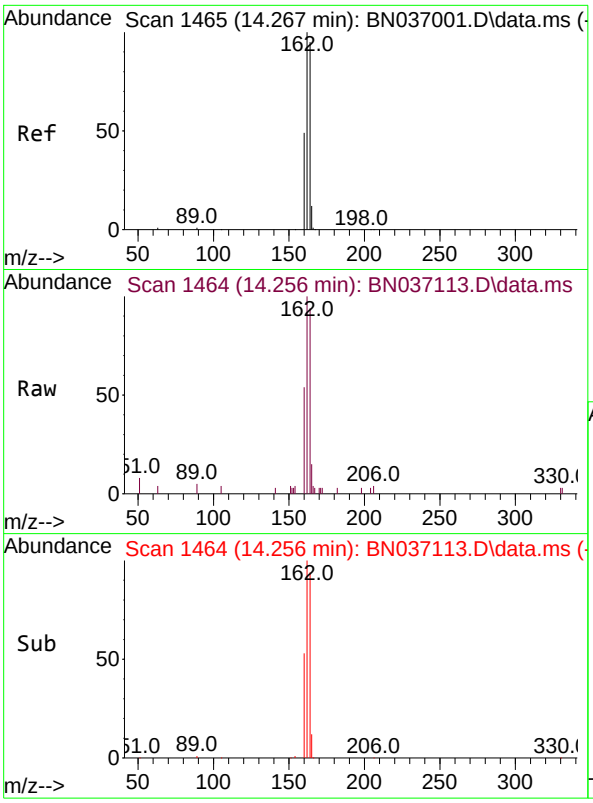


#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Tgt Ion:152 Resp: 2217

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.5	26.3



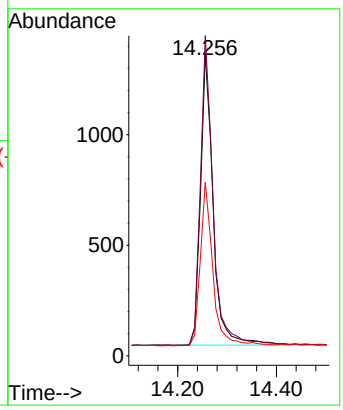


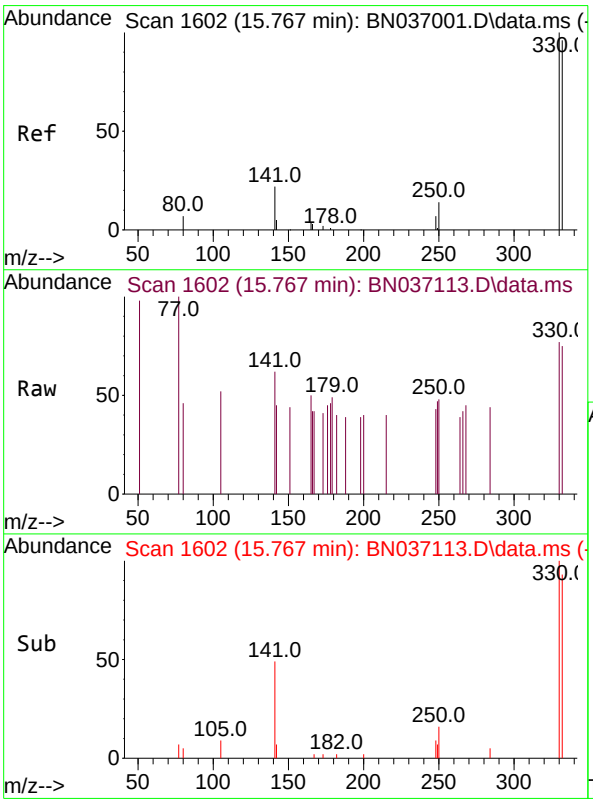
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Instrument :
BNA_N
ClientSampleId :
PB168100BL

Tgt Ion:164 Resp: 2346

Ion	Ratio	Lower	Upper
164	100		
162	106.2	84.2	126.4
160	57.6	42.6	63.8

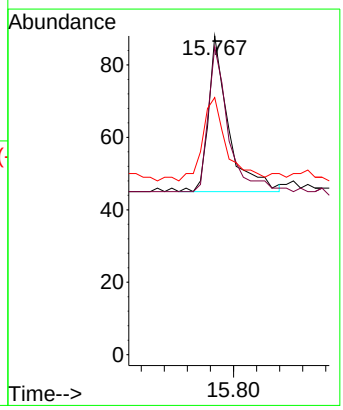


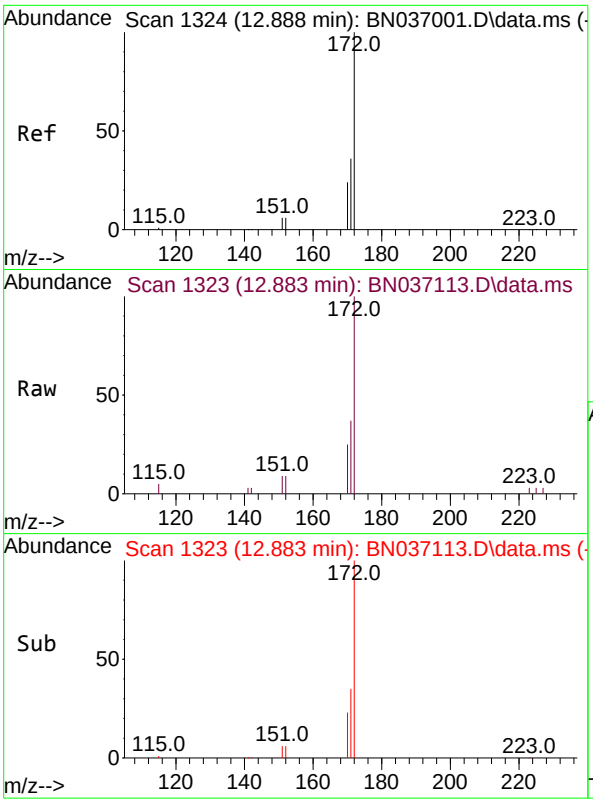


#14
2,4,6-Tribromophenol
Concen: 0.101 ng
RT: 15.767 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Tgt Ion:330 Resp: 104

Ion	Ratio	Lower	Upper
330	100		
332	93.3	73.8	110.8
141	65.4	43.9	65.9



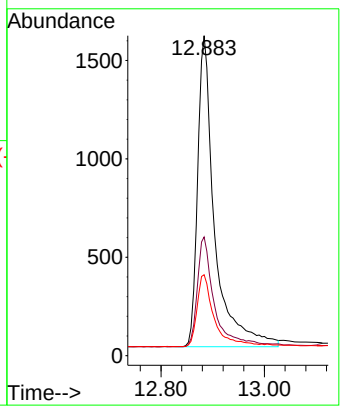


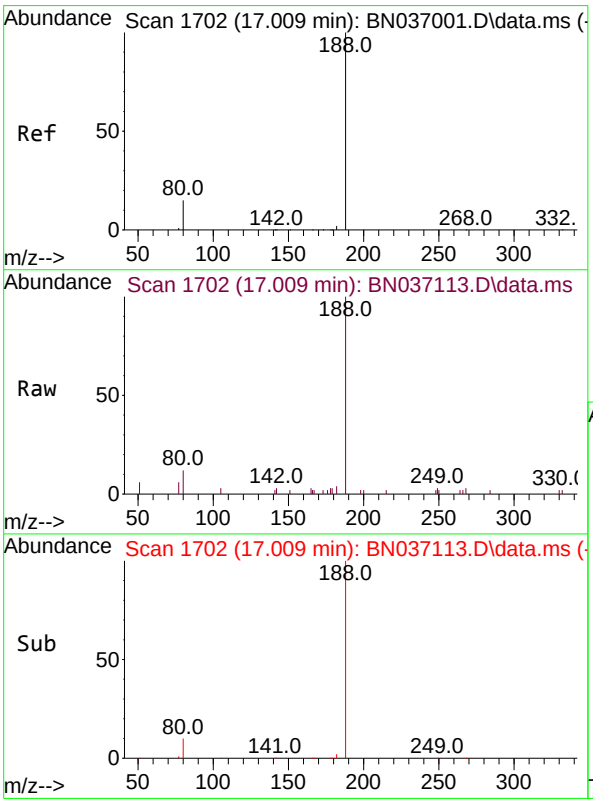
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 12.883 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Instrument :
BNA_N
ClientSampleId :
PB168100BL

Tgt Ion:172 Resp: 3806

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.2	43.8
170	25.3	20.5	30.7

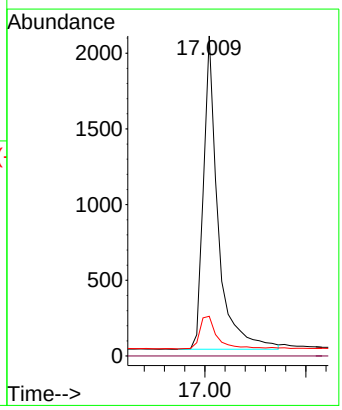


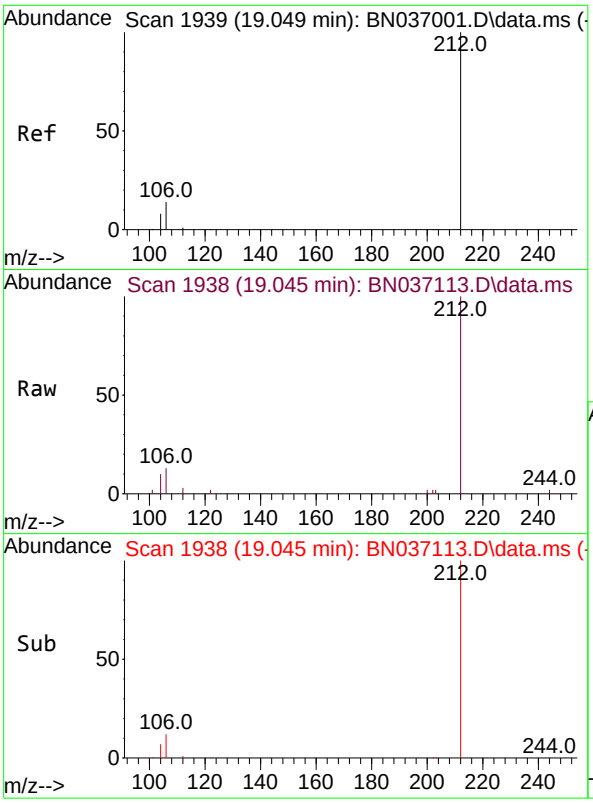


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Tgt Ion:188 Resp: 4153

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	13.4	20.0#



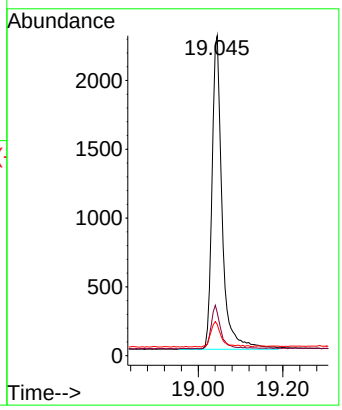


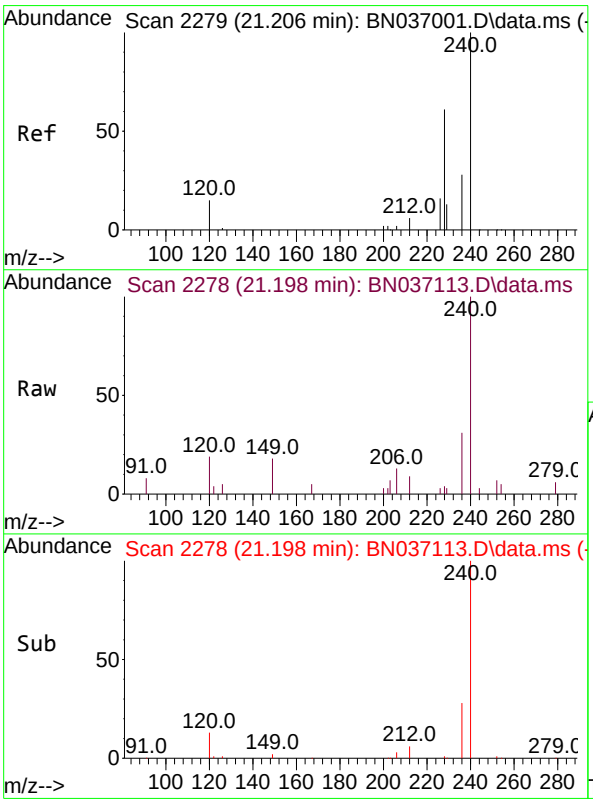
#27
Fluoranthene-d10
Concen: 0.333 ng
RT: 19.045 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Instrument :
BNA_N
ClientSampleId :
PB168100BL

Tgt Ion:212 Resp: 3791

Ion	Ratio	Lower	Upper
212	100		
106	13.0	11.3	16.9
104	8.3	6.7	10.1

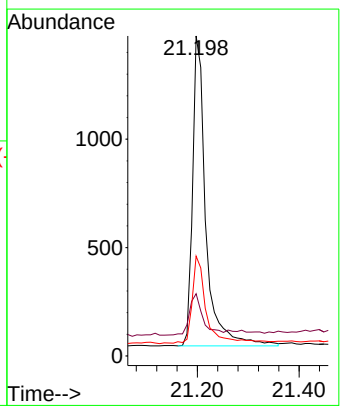


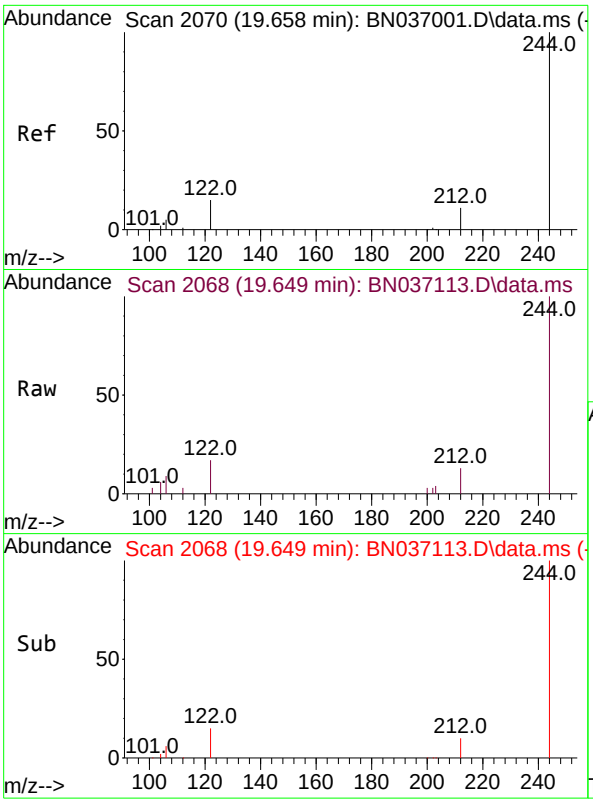


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Tgt Ion:240 Resp: 2590

Ion	Ratio	Lower	Upper
240	100		
120	19.4	15.1	22.7
236	31.2	24.0	36.0



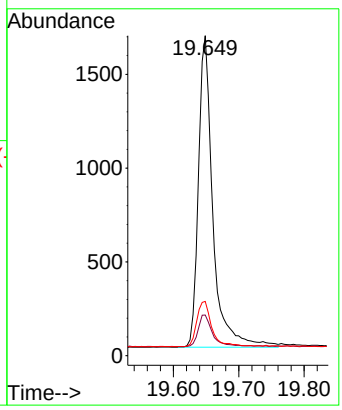


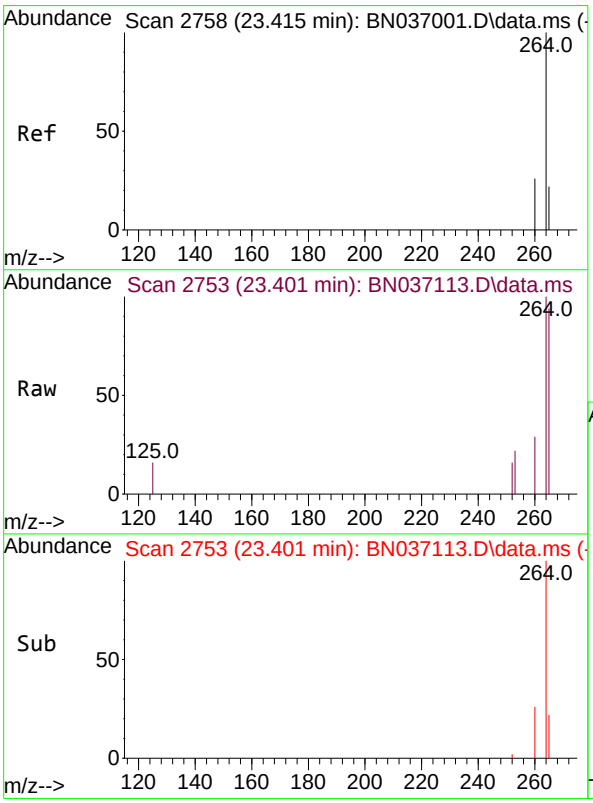
#31
Terphenyl-d14
Concen: 0.461 ng
RT: 19.649 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Instrument :
BNA_N
ClientSampleId :
PB168100BL

Tgt Ion:244 Resp: 2552

Ion	Ratio	Lower	Upper
244	100		
212	12.7	9.7	14.5
122	16.9	13.4	20.0

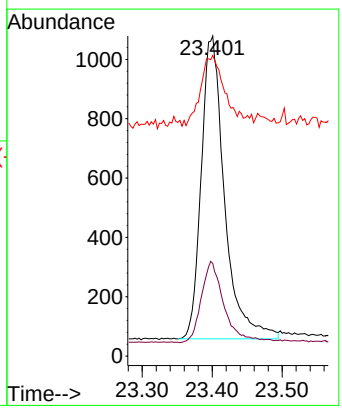




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.401 min Scan# 2753
Delta R.T. -0.015 min
Lab File: BN037113.D
Acq: 28 May 2025 17:47

Tgt Ion:264 Resp: 2358

Ion	Ratio	Lower	Upper
264	100		
260	28.9	21.9	32.9
265	93.9	51.6	77.4#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
Data File : BN037124.D
Acq On : 29 May 2025 00:23
Operator : RC/JU
Sample : PB168100BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 29 01:34:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB168100BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/29/2025
Supervised By :Jagrut Upadhyay 05/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2482	0.400	ng	0.00
7) Naphthalene-d8	10.383	136	6249	0.400	ng	#-0.02
13) Acenaphthene-d10	14.256	164	2970	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	4819	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	3074	0.400	ng	0.00
35) Perylene-d12	23.395	264	3112	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	2242	0.345	ng	0.00
5) Phenol-d6	6.788	99	2593	0.319	ng	0.00
8) Nitrobenzene-d5	8.760	82	2259	0.332	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	3317m	0.377	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	326	0.250	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	4707	0.346	ng	-0.02
27) Fluoranthene-d10	19.040	212	3641	0.276	ng	0.00
31) Terphenyl-d14	19.649	244	2422	0.368	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.133	88	861	0.283	ng	# 36
3) n-Nitrosodimethylamine	3.444	42	2136	0.326	ng	# 90
6) bis(2-Chloroethyl)ether	7.041	93	2451	0.327	ng	99
9) Naphthalene	10.436	128	6160	0.334	ng	98
10) Hexachlorobutadiene	10.725	225	1373	0.354	ng	# 99
12) 2-Methylnaphthalene	12.062	142	3449	0.290	ng	98
16) Acenaphthylene	13.967	152	5388	0.373	ng	100
17) Acenaphthene	14.320	154	3199	0.339	ng	100
18) Fluorene	15.304	166	3917	0.316	ng	100
20) 4,6-Dinitro-2-methylph...	15.400	198	334	0.363	ng	91
21) 4-Bromophenyl-phenylether	16.202	248	1107	0.364	ng	96
22) Hexachlorobenzene	16.314	284	1238	0.380	ng	99
23) Atrazine	16.475	200	861	0.324	ng	95
24) Pentachlorophenol	16.661	266	517	0.288	ng	97
25) Phenanthrene	17.046	178	5320	0.338	ng	99
26) Anthracene	17.133	178	4823	0.337	ng	99
28) Fluoranthene	19.068	202	4934	0.262	ng	98
30) Pyrene	19.430	202	4842	0.368	ng	99
32) Benzo(a)anthracene	21.180	228	3881	0.335	ng	98
33) Chrysene	21.233	228	4404	0.360	ng	98
34) Bis(2-ethylhexyl)phtha...	21.126	149	2227	0.313	ng	99
36) Indeno(1,2,3-cd)pyrene	25.599	276	4982	0.392	ng	99
37) Benzo(b)fluoranthene	22.737	252	4085	0.316	ng	95
38) Benzo(k)fluoranthene	22.781	252	4383m	0.344	ng	
39) Benzo(a)pyrene	23.298	252	3942	0.360	ng	93
40) Dibenzo(a,h)anthracene	25.614	278	3842	0.388	ng	97
41) Benzo(g,h,i)perylene	26.272	276	4293	0.399	ng	98

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

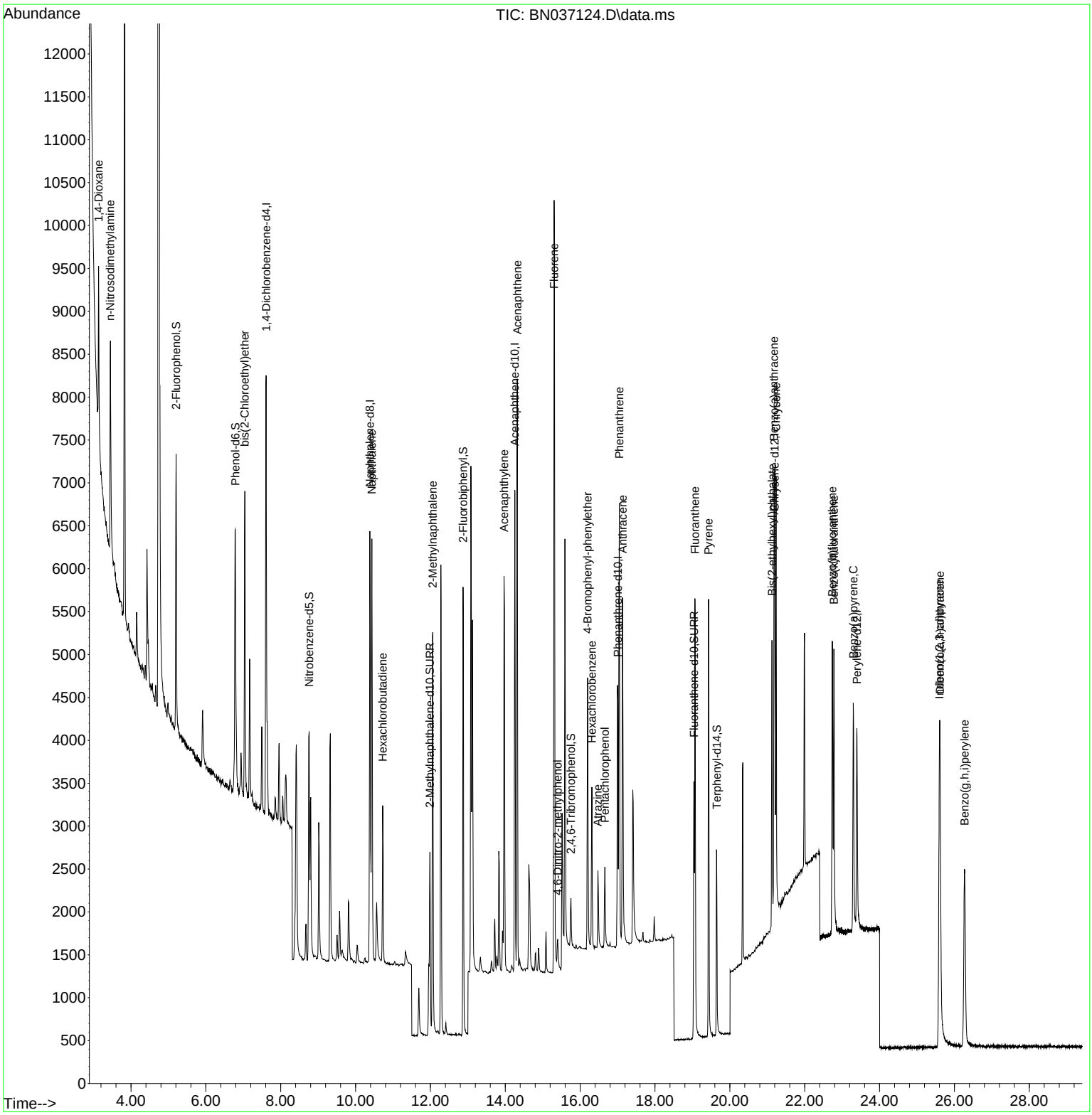
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
Data File : BN037124.D
Acq On : 29 May 2025 00:23
Operator : RC/JU
Sample : PB168100BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 29 01:34:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB168100BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/29/2025
Supervised By :Jagrut Upadhyay 05/29/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
Data File : BN037125.D
Acq On : 29 May 2025 00:59
Operator : RC/JU
Sample : PB168100BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 29 01:34:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/29/2025
Supervised By :Jagrut Upadhyay 05/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2246	0.400	ng	0.00
7) Naphthalene-d8	10.383	136	5562	0.400	ng	#-0.02
13) Acenaphthene-d10	14.256	164	2593	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	4050	0.400	ng	# 0.00
29) Chrysene-d12	21.197	240	2689	0.400	ng	# 0.00
35) Perylene-d12	23.392	264	2817	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	2079	0.353	ng	0.00
5) Phenol-d6	6.788	99	2359	0.320	ng	0.00
8) Nitrobenzene-d5	8.760	82	2096	0.346	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	2821m	0.360	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	282	0.248	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	4652	0.392	ng	-0.02
27) Fluoranthene-d10	19.040	212	3234	0.291	ng	0.00
31) Terphenyl-d14	19.644	244	2197	0.382	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	793	0.288	ng	# 35
3) n-Nitrosodimethylamine	3.451	42	2060	0.348	ng	# 92
6) bis(2-Chloroethyl)ether	7.040	93	2273	0.335	ng	98
9) Naphthalene	10.436	128	5672	0.345	ng	98
10) Hexachlorobutadiene	10.725	225	1281	0.371	ng	# 99
12) 2-Methylnaphthalene	12.062	142	3173	0.300	ng	98
16) Acenaphthylene	13.967	152	4902	0.388	ng	99
17) Acenaphthene	14.320	154	2903	0.352	ng	99
18) Fluorene	15.314	166	3562	0.329	ng	100
20) 4,6-Dinitro-2-methylph...	15.400	198	295	0.379	ng	94
21) 4-Bromophenyl-phenylether	16.202	248	1007	0.394	ng	94
22) Hexachlorobenzene	16.313	284	1097	0.401	ng	98
23) Atrazine	16.475	200	770	0.345	ng	94
24) Pentachlorophenol	16.661	266	431	0.286	ng	# 85
25) Phenanthrene	17.046	178	4747	0.359	ng	99
26) Anthracene	17.133	178	4404	0.366	ng	100
28) Fluoranthene	19.068	202	4429	0.280	ng	100
30) Pyrene	19.430	202	4405	0.383	ng	100
32) Benzo(a)anthracene	21.180	228	3556	0.351	ng	98
33) Chrysene	21.233	228	4044	0.378	ng	98
34) Bis(2-ethylhexyl)phtha...	21.126	149	2055	0.330	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.593	276	4915	0.427	ng	97
37) Benzo(b)fluoranthene	22.734	252	3833	0.328	ng	96
38) Benzo(k)fluoranthene	22.778	252	4110	0.356	ng	95
39) Benzo(a)pyrene	23.298	252	3660	0.369	ng	# 91
40) Dibenzo(a,h)anthracene	25.608	278	3782	0.422	ng	95
41) Benzo(g,h,i)perylene	26.272	276	4218	0.433	ng	98

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

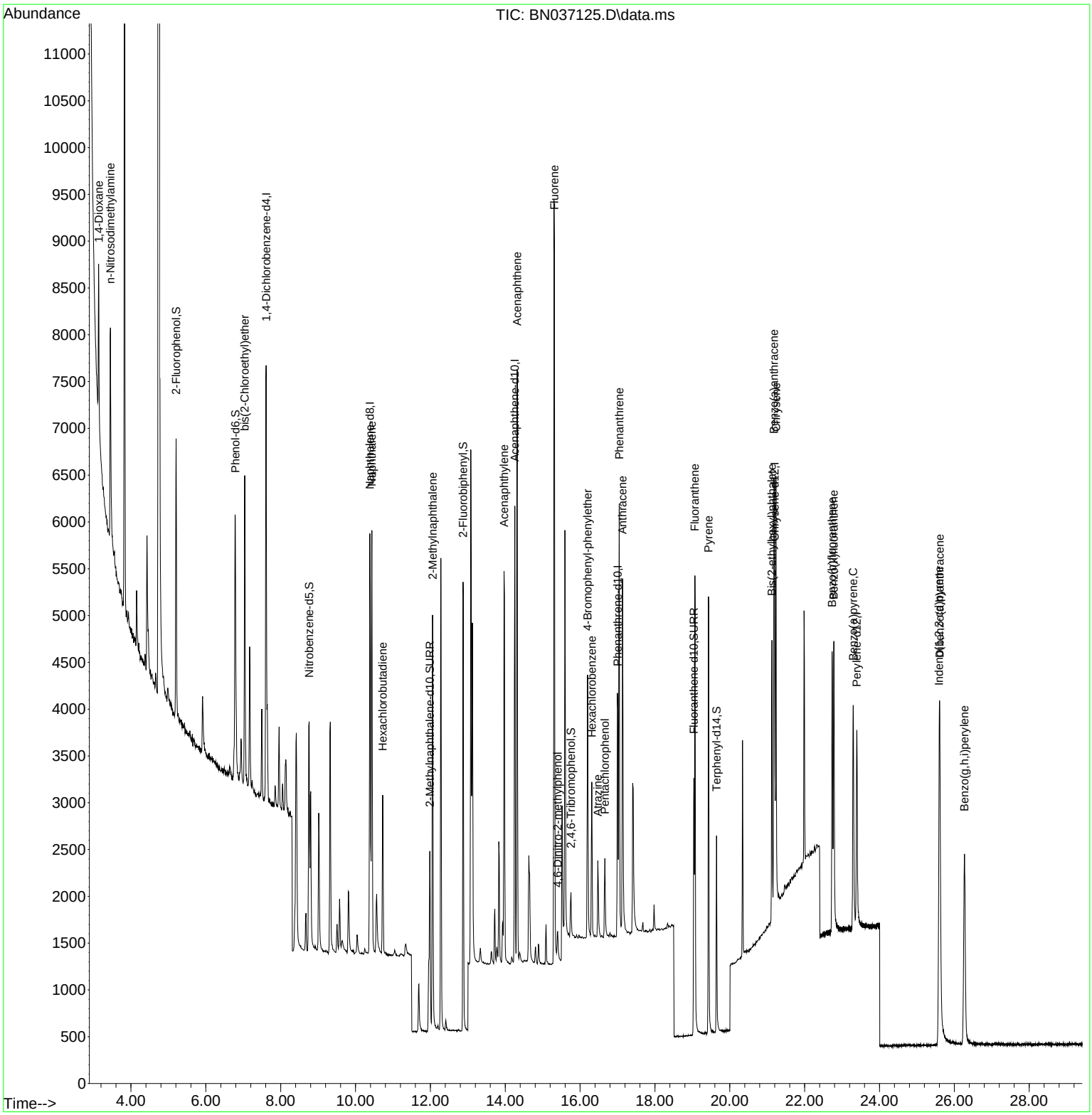
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
Data File : BN037125.D
Acq On : 29 May 2025 00:59
Operator : RC/JU
Sample : PB168100BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 29 01:34:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/29/2025
Supervised By :Jagrut Upadhyay 05/29/2025



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

Manual Integration Report

Sequence:	bn051425	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC0.2	BN037000.D	Benzo(b)fluoranthene	Rahul	5/15/2025 9:23:24 AM	Jagrut	5/15/2025 3:49:25 PM	Peak Integrated by Software
SSTDCCC0.4	BN037009.D	1,4-Dioxane	Rahul	5/15/2025 9:23:28 AM	Jagrut	5/15/2025 3:49:28 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BN052725	Instrument	BNA_n

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

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

Manual Integration Report

Sequence:	BN052825	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168100BS	BN037124.D	2-Methylnaphthalene-d10	Rahul	5/29/2025 1:10:16 PM	Jagrut	5/29/2025 1:23:23 PM	Peak Integrated by Software
PB168100BS	BN037124.D	Benzo(k)fluoranthene	Rahul	5/29/2025 1:10:16 PM	Jagrut	5/29/2025 1:23:23 PM	Peak Integrated by Software
PB168100BSD	BN037125.D	2-Methylnaphthalene-d10	Rahul	5/29/2025 1:10:18 PM	Jagrut	5/29/2025 1:23:26 PM	Peak Integrated by Software

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN051425

Review By	Rahul	Review On	5/15/2025 9:39:49 AM		
Supervise By	Jagrut	Supervise On	5/15/2025 3:50:12 PM		
SubDirectory	BN051425	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn051425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN036998.D	13 May 2025 17:02	RC/JU	Ok
2	SSTDICC0.1	BN036999.D	13 May 2025 17:41	RC/JU	Ok
3	SSTDICC0.2	BN037000.D	13 May 2025 18:17	RC/JU	Ok,M
4	SSTDICCC0.4	BN037001.D	13 May 2025 18:53	RC/JU	Ok
5	SSTDICC0.8	BN037002.D	13 May 2025 19:29	RC/JU	Ok
6	SSTDICC1.6	BN037003.D	13 May 2025 20:05	RC/JU	Ok
7	SSTDICC3.2	BN037004.D	13 May 2025 20:41	RC/JU	Ok
8	SSTDICC5.0	BN037005.D	13 May 2025 21:17	RC/JU	Ok
9	SSTDICV0.4	BN037006.D	13 May 2025 22:29	RC/JU	Ok
10	PB167888BL	BN037007.D	13 May 2025 23:42	RC/JU	Not Ok
11	DFTPP	BN037008.D	14 May 2025 09:37	RC/JU	Ok
12	SSTDCCC0.4	BN037009.D	14 May 2025 10:31	RC/JU	Ok,M
13	PB167952BL	BN037010.D	14 May 2025 11:20	RC/JU	Ok
14	Q2000-01	BN037011.D	14 May 2025 12:03	RC/JU	Dilution
15	Q2000-01DL	BN037012.D	14 May 2025 13:29	RC/JU	Ok
16	Q1872-13	BN037013.D	14 May 2025 14:46	RC/JU	Dilution
17	Q1872-13DL	BN037014.D	14 May 2025 15:48	RC/JU	Ok,M
18	Q1985-01	BN037015.D	14 May 2025 16:48	RC/JU	Ok
19	Q2012-01	BN037016.D	14 May 2025 17:24	RC/JU	Dilution
20	Q2012-02	BN037017.D	14 May 2025 18:00	RC/JU	Ok
21	Q2012-03	BN037018.D	14 May 2025 18:36	RC/JU	Ok,M

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN051425

Review By	Rahul	Review On	5/15/2025 9:39:49 AM		
Supervise By	Jagrut	Supervise On	5/15/2025 3:50:12 PM		
SubDirectory	BN051425	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn051425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2013-02	BN037019.D	14 May 2025 19:12	RC/JU	Ok
23	Q2013-03	BN037020.D	14 May 2025 19:48	RC/JU	Ok
24	PB167952BS	BN037021.D	14 May 2025 20:24	RC/JU	Ok,M
25	PB167952BSD	BN037022.D	14 May 2025 21:00	RC/JU	Ok,M
26	SSTDCCC0.4	BN037023.D	14 May 2025 21:36	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN052725

Review By	Rahul	Review On	5/28/2025 3:57:55 PM		
Supervise By	Jagrut	Supervise On	5/28/2025 5:55:22 PM		
SubDirectory	BN052725	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn051425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037083.D	27 May 2025 12:38	RC/JU	Ok
2	SSTDCCC0.4	BN037084.D	27 May 2025 13:23	RC/JU	Ok
3	PB168100BL	BN037085.D	27 May 2025 13:59	RC/JU	Not Ok
4	Q2073-01	BN037086.D	27 May 2025 14:35	RC/JU	Ok
5	Q2073-02	BN037087.D	27 May 2025 15:11	RC/JU	Ok
6	Q2082-02	BN037088.D	27 May 2025 15:47	RC/JU	Not Ok
7	Q2082-04	BN037089.D	27 May 2025 16:24	RC/JU	Not Ok
8	Q2082-06	BN037090.D	27 May 2025 17:00	RC/JU	Not Ok
9	Q2082-08	BN037091.D	27 May 2025 17:36	RC/JU	Not Ok
10	Q2082-12	BN037092.D	27 May 2025 18:12	RC/JU	Not Ok
11	Q2118-02	BN037093.D	27 May 2025 18:48	RC/JU	Not Ok
12	Q2118-05	BN037094.D	27 May 2025 19:24	RC/JU	Not Ok
13	Q2118-07	BN037095.D	27 May 2025 20:00	RC/JU	Not Ok
14	Q2118-09	BN037096.D	27 May 2025 20:36	RC/JU	Not Ok
15	Q2119-01	BN037097.D	27 May 2025 21:12	RC/JU	Not Ok
16	PB168100BS	BN037098.D	27 May 2025 21:48	RC/JU	Not Ok
17	PB168100BSD	BN037099.D	27 May 2025 22:24	RC/JU	Not Ok
18	SSTDCCC0.4	BN037100.D	27 May 2025 23:00	RC/JU	Not Ok

M : Manual Integration

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN052825

Review By	Rahul	Review On	5/29/2025 1:10:50 PM		
Supervise By	Jagrut	Supervise On	5/29/2025 1:23:51 PM		
SubDirectory	BN052825	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn051425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037101.D	28 May 2025 10:02	RC/JU	Ok
2	SSTDCCC0.4	BN037102.D	28 May 2025 10:41	RC/JU	Ok
3	PB168155BL	BN037103.D	28 May 2025 11:17	RC/JU	Ok
4	Q2119-02	BN037104.D	28 May 2025 11:53	RC/JU	Ok
5	Q2119-03	BN037105.D	28 May 2025 12:29	RC/JU	Ok
6	Q2120-01	BN037106.D	28 May 2025 13:05	RC/JU	Ok
7	Q2120-02	BN037107.D	28 May 2025 13:41	RC/JU	Ok
8	PB168155BS	BN037108.D	28 May 2025 14:17	RC/JU	Ok,M
9	PB168155BSD	BN037109.D	28 May 2025 14:53	RC/JU	Ok,M
10	SSTDCCC0.4	BN037110.D	28 May 2025 15:54	RC/JU	Ok
11	DFTPP	BN037111.D	28 May 2025 16:31	RC/JU	Ok
12	SSTDCCC0.4	BN037112.D	28 May 2025 17:11	RC/JU	Ok
13	PB168100BL	BN037113.D	28 May 2025 17:47	RC/JU	Ok
14	Q2082-02	BN037114.D	28 May 2025 18:23	RC/JU	Ok
15	Q2082-04	BN037115.D	28 May 2025 18:59	RC/JU	Ok,M
16	Q2082-06	BN037116.D	28 May 2025 19:35	RC/JU	Ok
17	Q2082-08	BN037117.D	28 May 2025 20:11	RC/JU	Ok
18	Q2082-12	BN037118.D	28 May 2025 20:47	RC/JU	Ok
19	Q2118-02	BN037119.D	28 May 2025 21:23	RC/JU	Ok
20	Q2118-05	BN037120.D	28 May 2025 21:59	RC/JU	Ok
21	Q2118-07	BN037121.D	28 May 2025 22:35	RC/JU	Ok

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN052825

Review By	Rahul	Review On	5/29/2025 1:10:50 PM				
Supervise By	Jagrut	Supervise On	5/29/2025 1:23:51 PM				
SubDirectory	BN052825	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn051425		

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2118-09	BN037122.D	28 May 2025 23:11	RC/JU	ReRun
23	Q2119-01	BN037123.D	28 May 2025 23:47	RC/JU	Ok
24	PB168100BS	BN037124.D	29 May 2025 00:23	RC/JU	Ok,M
25	PB168100BSD	BN037125.D	29 May 2025 00:59	RC/JU	Ok,M
26	SSTDCCC0.4	BN037126.D	29 May 2025 01:35	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN051425

Review By	Rahul	Review On	5/15/2025 9:39:49 AM	
Supervise By	Jagrut	Supervise On	5/15/2025 3:50:12 PM	
SubDirectory	BN051425	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn051425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN036998.D	13 May 2025 17:02		RC/JU	Ok
2	SSTDICC0.1	SSTDICC0.1	BN036999.D	13 May 2025 17:41	Compound #02,04,05,20 removed from 0.1ppm	RC/JU	Ok
3	SSTDICC0.2	SSTDICC0.2	BN037000.D	13 May 2025 18:17		RC/JU	Ok,M
4	SSTDICCC0.4	SSTDICCC0.4	BN037001.D	13 May 2025 18:53	Compound #20 kept on QR	RC/JU	Ok
5	SSTDICC0.8	SSTDICC0.8	BN037002.D	13 May 2025 19:29		RC/JU	Ok
6	SSTDICC1.6	SSTDICC1.6	BN037003.D	13 May 2025 20:05		RC/JU	Ok
7	SSTDICC3.2	SSTDICC3.2	BN037004.D	13 May 2025 20:41		RC/JU	Ok
8	SSTDICC5.0	SSTDICC5.0	BN037005.D	13 May 2025 21:17		RC/JU	Ok
9	SSTDICV0.4	ICVBN051424	BN037006.D	13 May 2025 22:29		RC/JU	Ok
10	PB167888BL	PB167888BL	BN037007.D	13 May 2025 23:42	Analyzed for contamination check	RC/JU	Not Ok
11	DFTPP	DFTPP	BN037008.D	14 May 2025 09:37		RC/JU	Ok
12	SSTDCCC0.4	SSTDCCC0.4	BN037009.D	14 May 2025 10:31		RC/JU	Ok,M
13	PB167952BL	PB167952BL	BN037010.D	14 May 2025 11:20		RC/JU	Ok
14	Q2000-01	38072-062223	BN037011.D	14 May 2025 12:03	PT Sample, Need 50X Dilution	RC/JU	Dilution
15	Q2000-01DL	38072-062223DL	BN037012.D	14 May 2025 13:29		RC/JU	Ok
16	Q1872-13	HW0425-PT-PAH-SOIL	BN037013.D	14 May 2025 14:46	PT Sample, Need 10X Dilution	RC/JU	Dilution
17	Q1872-13DL	HW0425-PT-PAH-SOIL	BN037014.D	14 May 2025 15:48		RC/JU	Ok,M

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN051425

Review By	Rahul	Review On	5/15/2025 9:39:49 AM	
Supervise By	Jagrut	Supervise On	5/15/2025 3:50:12 PM	
SubDirectory	BN051425	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn051425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q1985-01	RW8-BW-20250507	BN037015.D	14 May 2025 16:48		RC/JU	Ok
19	Q2012-01	RW5-SP100-20250509	BN037016.D	14 May 2025 17:24	Need 2X Dilution	RC/JU	Dilution
20	Q2012-02	RW5-SP201-20250509	BN037017.D	14 May 2025 18:00		RC/JU	Ok
21	Q2012-03	RW5-SP303-20250509	BN037018.D	14 May 2025 18:36		RC/JU	Ok,M
22	Q2013-02	BP-TT192D2-GW-2025	BN037019.D	14 May 2025 19:12		RC/JU	Ok
23	Q2013-03	BP-TT192D1-GW-2025	BN037020.D	14 May 2025 19:48		RC/JU	Ok
24	PB167952BS	PB167952BS	BN037021.D	14 May 2025 20:24		RC/JU	Ok,M
25	PB167952BSD	PB167952BSD	BN037022.D	14 May 2025 21:00		RC/JU	Ok,M
26	SSTDCCC0.4	SSTDCCC0.4EC	BN037023.D	14 May 2025 21:36		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN052725

Review By	Rahul	Review On	5/28/2025 3:57:55 PM	
Supervise By	Jagrut	Supervise On	5/28/2025 5:55:22 PM	
SubDirectory	BN052725	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn051425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037083.D	27 May 2025 12:38		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037084.D	27 May 2025 13:23		RC/JU	Ok
3	PB168100BL	PB168100BL	BN037085.D	27 May 2025 13:59	END CCAL Fail, Analyzed for contamination check	RC/JU	Not Ok
4	Q2073-01	GDW1	BN037086.D	27 May 2025 14:35		RC/JU	Ok
5	Q2073-02	GDW2	BN037087.D	27 May 2025 15:11		RC/JU	Ok
6	Q2082-02	BP-VPB-182-GW-260-2	BN037088.D	27 May 2025 15:47	END CCAL Fail	RC/JU	Not Ok
7	Q2082-04	BP-VPB-182-GW-300-3	BN037089.D	27 May 2025 16:24	END CCAL Fail	RC/JU	Not Ok
8	Q2082-06	BP-VPB-182-GW-340-3	BN037090.D	27 May 2025 17:00	END CCAL Fail	RC/JU	Not Ok
9	Q2082-08	BP-VPB-182-GW-390-3	BN037091.D	27 May 2025 17:36	END CCAL Fail	RC/JU	Not Ok
10	Q2082-12	VPB182-HYD-2025051	BN037092.D	27 May 2025 18:12	END CCAL Fail, Surrogate Fail	RC/JU	Not Ok
11	Q2118-02	BP-VPB-182-GW-420-4	BN037093.D	27 May 2025 18:48	END CCAL Fail	RC/JU	Not Ok
12	Q2118-05	BP-VPB-182-GW-460-4	BN037094.D	27 May 2025 19:24	END CCAL Fail	RC/JU	Not Ok
13	Q2118-07	BP-VPB-182-GW-500-5	BN037095.D	27 May 2025 20:00	END CCAL Fail	RC/JU	Not Ok
14	Q2118-09	BP-VPB-182-GW-540-5	BN037096.D	27 May 2025 20:36	END CCAL Fail	RC/JU	Not Ok
15	Q2119-01	RW5-SP100-20250522	BN037097.D	27 May 2025 21:12	END CCAL Fail, Need 2X dilution	RC/JU	Not Ok
16	PB168100BS	PB168100BS	BN037098.D	27 May 2025 21:48	END CCAL Fail	RC/JU	Not Ok
17	PB168100BSD	PB168100BSD	BN037099.D	27 May 2025 22:24	END CCAL Fail	RC/JU	Not Ok

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN052725

Review By	Rahul	Review On	5/28/2025 3:57:55 PM	
Supervise By	Jagrut	Supervise On	5/28/2025 5:55:22 PM	
SubDirectory	BN052725	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn051425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	SSTDCCC0.4	SSTDCCC0.4EC	BN037100.D	27 May 2025 23:00	1,4-Dioxane failing high	RC/JU	Not Ok

M : Manual Integration

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN052825

Review By	Rahul	Review On	5/29/2025 1:10:50 PM	
Supervise By	Jagrut	Supervise On	5/29/2025 1:23:51 PM	
SubDirectory	BN052825	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn051425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037101.D	28 May 2025 10:02		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037102.D	28 May 2025 10:41		RC/JU	Ok
3	PB168155BL	PB168155BL	BN037103.D	28 May 2025 11:17		RC/JU	Ok
4	Q2119-02	RW5-SP201-20250522	BN037104.D	28 May 2025 11:53		RC/JU	Ok
5	Q2119-03	RW5-SP303-20250522	BN037105.D	28 May 2025 12:29		RC/JU	Ok
6	Q2120-01	VPB182-HYD-2025052	BN037106.D	28 May 2025 13:05		RC/JU	Ok
7	Q2120-02	BP-VPB-182-EB-20250	BN037107.D	28 May 2025 13:41		RC/JU	Ok
8	PB168155BS	PB168155BS	BN037108.D	28 May 2025 14:17		RC/JU	Ok,M
9	PB168155BSD	PB168155BSD	BN037109.D	28 May 2025 14:53		RC/JU	Ok,M
10	SSTDCCC0.4	SSTDCCC0.4EC	BN037110.D	28 May 2025 15:54		RC/JU	Ok
11	DFTPP	DFTPP	BN037111.D	28 May 2025 16:31		RC/JU	Ok
12	SSTDCCC0.4	SSTDCCC0.4	BN037112.D	28 May 2025 17:11		RC/JU	Ok
13	PB168100BL	PB168100BL	BN037113.D	28 May 2025 17:47		RC/JU	Ok
14	Q2082-02	BP-VPB-182-GW-260-2	BN037114.D	28 May 2025 18:23		RC/JU	Ok
15	Q2082-04	BP-VPB-182-GW-300-3	BN037115.D	28 May 2025 18:59		RC/JU	Ok,M
16	Q2082-06	BP-VPB-182-GW-340-3	BN037116.D	28 May 2025 19:35		RC/JU	Ok
17	Q2082-08	BP-VPB-182-GW-390-3	BN037117.D	28 May 2025 20:11		RC/JU	Ok
18	Q2082-12	VPB182-HYD-2025051	BN037118.D	28 May 2025 20:47		RC/JU	Ok

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN052825

Review By	Rahul	Review On	5/29/2025 1:10:50 PM	
Supervise By	Jagrut	Supervise On	5/29/2025 1:23:51 PM	
SubDirectory	BN052825	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn051425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2118-02	BP-VPB-182-GW-420-4	BN037119.D	28 May 2025 21:23		RC/JU	Ok
20	Q2118-05	BP-VPB-182-GW-460-4	BN037120.D	28 May 2025 21:59		RC/JU	Ok
21	Q2118-07	BP-VPB-182-GW-500-5	BN037121.D	28 May 2025 22:35		RC/JU	Ok
22	Q2118-09	BP-VPB-182-GW-540-5	BN037122.D	28 May 2025 23:11	Internal Standard Fail	RC/JU	ReRun
23	Q2119-01	RW5-SP100-20250522	BN037123.D	28 May 2025 23:47		RC/JU	Ok
24	PB168100BS	PB168100BS	BN037124.D	29 May 2025 00:23		RC/JU	Ok,M
25	PB168100BSD	PB168100BSD	BN037125.D	29 May 2025 00:59		RC/JU	Ok,M
26	SSTDCCC0.4	SSTDCCC0.4EC	BN037126.D	29 May 2025 01:35		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168100

SOP ID:	M3510C,3580A-Extraction SVOC-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	05/21/2025
Matrix :	Water			**Extraction Start Time :**	08:41
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	05/21/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	13:40
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,5,6,7	**Supervisor By :**	RUPESH

Extraction Method: ☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	0.4 PPM	SP6756
Surrogate	1.0ML	0.4 PPM	SP6758
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3930
Baked Na2SO4	N/A	EP2614
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
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. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH, Q2082-02 Limited volume received.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/21/25	RS (E34-65)	RC/SVOC
12:45	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168100

Analytical Method: M3510C,3580A-Extraction SVOC-20 **Concentration Date:** 05/21/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168100BL	SBLK100	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			SEP-10
PB168100BS	SLCS100	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			11
PB168100BSD	SLCSD100	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			12
Q2073-01	GDW1	SVOC-SIMGroup1	980	6	RUPESH	ritesh	1	D		13
Q2073-02	GDW2	SVOC-SIMGroup1	960	6	RUPESH	ritesh	1	D		14
Q2082-02	BP-VPB-182-GW-260-262	SVOC-SIMGroup1	520	6	RUPESH	ritesh	1	C		15
Q2082-04	BP-VPB-182-GW-300-302	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	C		16
Q2082-06	BP-VPB-182-GW-340-342	SVOC-SIMGroup1	850	6	RUPESH	ritesh	1	C		SEP-1
Q2082-08	BP-VPB-182-GW-390-392	SVOC-SIMGroup1	890	6	RUPESH	ritesh	1	C		2
Q2082-12	VPB182-HYD-20250516	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	C		3

RS
5/21

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

168100
8:41

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2082 **WorkList ID :** 189665 **Department :** Extraction **Date :** 05-21-2025 08:35:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2073-01	GDW1	Water	SVOC-SIMGroup1	Cool 4 deg C	GENV01	L41	05/16/2025	8270-Modified
Q2073-02	GDW2	Water	SVOC-SIMGroup1	Cool 4 deg C	GENV01	L41	05/16/2025	8270-Modified
Q2082-02	BP-VPB-182-GW-260-262	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	L31	05/15/2025	8270-Modified
Q2082-04	BP-VPB-182-GW-300-302	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	L31	05/15/2025	8270-Modified
Q2082-06	BP-VPB-182-GW-340-342	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	L31	05/16/2025	8270-Modified
Q2082-08	BP-VPB-182-GW-390-392	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	L31	05/19/2025	8270-Modified
Q2082-12	VPB182-HYD-20250516	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	L31	05/16/2025	8270-Modified

Date/Time 5/21/25 8:36
Raw Sample Received by: RJ (EXT lab)
Raw Sample Relinquished by: CR SM

Date/Time 5/21/25 9:20
Raw Sample Received by: CR SM
Raw Sample Relinquished by: RJ (EXT lab)

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

LAB CHRONICLE

OrderID:	Q2073	**OrderDate:**	5/16/2025 2:51:00 PM
Client:	G Environmental	**Project:**	Nelson
Contact:	Gary Landis	**Location:**	L41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2073-01	**GDW1**	**Water**			**05/16/25**			**05/16/25**
			SVOCMS Group2	8270E		05/21/25	05/23/25	
			SVOC-SIMGroup1	8270-Modified		05/21/25	05/27/25	
Q2073-02	**GDW2**	**Water**			**05/16/25**			**05/16/25**
			SVOCMS Group2	8270E		05/21/25	05/23/25	
			SVOC-SIMGroup1	8270-Modified		05/21/25	05/27/25	

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. Q2073
COC Number 2047005

8
8.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Environmental
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Nelson
PROJECT NO.: LOCATION:
PROJECT MANAGER: BL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Environmental PO#:
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

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 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- X NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other
- X EDD FORMAT Excel, edd NJDep

ANALYSIS

1. TCL VOCs
2. BNAS
3. Low Level Pb

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								Hcl	No	Ice							← Specify Preservatives
1.	GDW1	GW		X	5/16/25	1200	4	X	X	X							A-HCl D-NaOH
2.	GDW2	GW		X	5/16/25	1315	4	X	X	X							B-HN03 E-ICE
3.																	C-H2SO4 F-OTHER
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	5/16/25 1440	1. JT
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☑ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.6 °C
Comments: IR Gun #1

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2073 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 5/16/2025 2:51:00 PM
Project Name : Nelson
Receive DateTime : 5/16/2025 2:40:00 PM
Purchase Order :

Project Mgr :
Report Type : ~~Level I~~ 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
Q2073-01	GDW1	Water	05/16/2025	12:00						
					VOCMS Group1		8260-Low	10 Bus. Days		
Q2073-02	GDW2	Water	05/16/2025	13:15						
					VOCMS Group1		8260-Low	10 Bus. Days		

Stored in VOA
Ref # 04

Relinguished By : [signature]
Date / Time : 5/16/25 15:25

Received By : [signature]
Date / Time : 5-16-25 15:25

Storage Area : VOA Refridgerator Room