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

DATA PACKAGE

VOLATILE ORGANICS
SEMI-VOLATILE ORGANICS

PROJECT NAME : STOCKTON

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q1761

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q1761

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : CHEMTECH

Client : G Environmental

Project Location : NJ

Project Number : - Stockton

Laboratory Sample ID(s) : Q1761

Sampling Date(s) : 4/08/2025

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

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

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

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Cover Page

Order ID : Q1761

Project ID : Stockton

Client : G Environmental

Lab Sample Number	Client Sample Number
Q1761-01	GST3

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 8:42 am, Apr 18, 2025 Date: 4/16/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: Stockton
Project # N/A
Chemtech Project # Q1761
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 04/09/2025.

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

C. Analytical Techniques:
The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260D.

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

The RPD 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 %RSD is greater than 20% in the Initial Calibration method (82Y032725S.M) for Methylene Chloride is passing on Linear Regression.

The Continuous Calibration File ID VY021850.D met the requirements except for 1,2,3-Trichlorobenzene,1,2,4-Trichlorobenzene and Tetrachloroethene are failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:

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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.
The soil samples results are based on a dry weight basis.

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

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

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

Signature 

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CASE NARRATIVE

G Environmental
Project Name: Stockton
Project # N/A
Chemtech Project # Q1761
Test Name: SVOC-PAH

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 04/09/2025.

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

C. Analytical Techniques:
The samples were analyzed on instrument BNA_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOC-PAH was based on method 8270E and extraction was done based on method 3541.

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 MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
The Blank Spike 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.

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.

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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 8:43 am, Apr 18, 2025

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1761

	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:** 04/16/2025

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Hit Summary Sheet
SW-846

SDG No.: Q1761

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**GST3**							
Q1761-01	GST3	SOIL	Benzene, 4-ethyl-1,2-dimethyl- *	4.90	J	0	0	ug/Kg
			Total Tics :	4.90				
			Total Concentration:	4.90				

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	04/08/25
Project:	Stockton	Date Received:	04/09/25
Client Sample ID:	GST3	SDG No.:	Q1761
Lab Sample ID:	Q1761-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	78.6
Sample Wt/Vol:	7.82 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021855.D	1		04/11/25 13:33	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.93	U	0.93	4.10	ug/Kg
74-87-3	Chloromethane	0.93	U	0.93	4.10	ug/Kg
75-01-4	Vinyl Chloride	0.64	U	0.64	4.10	ug/Kg
74-83-9	Bromomethane	0.87	U	0.87	4.10	ug/Kg
75-00-3	Chloroethane	1.00	U	1.00	4.10	ug/Kg
75-69-4	Trichlorofluoromethane	0.98	U	0.98	4.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.86	U	0.86	4.10	ug/Kg
75-35-4	1,1-Dichloroethene	0.81	U	0.81	4.10	ug/Kg
67-64-1	Acetone	3.90	U	3.90	20.3	ug/Kg
75-15-0	Carbon Disulfide	0.86	U	0.86	4.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.59	U	0.59	4.10	ug/Kg
79-20-9	Methyl Acetate	1.30	U	1.30	4.10	ug/Kg
75-09-2	Methylene Chloride	2.90	U	2.90	8.10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.70	U	0.70	4.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.65	U	0.65	4.10	ug/Kg
110-82-7	Cyclohexane	0.64	U	0.64	4.10	ug/Kg
78-93-3	2-Butanone	5.30	U	5.30	20.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.79	U	0.79	4.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.61	U	0.61	4.10	ug/Kg
74-97-5	Bromochloromethane	0.94	U	0.94	4.10	ug/Kg
67-66-3	Chloroform	0.68	U	0.68	4.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.76	U	0.76	4.10	ug/Kg
108-87-2	Methylcyclohexane	0.74	U	0.74	4.10	ug/Kg
71-43-2	Benzene	0.64	U	0.64	4.10	ug/Kg
107-06-2	1,2-Dichloroethane	0.64	U	0.64	4.10	ug/Kg
79-01-6	Trichloroethene	0.66	U	0.66	4.10	ug/Kg
78-87-5	1,2-Dichloropropane	0.74	U	0.74	4.10	ug/Kg
75-27-4	Bromodichloromethane	0.63	U	0.63	4.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.90	U	2.90	20.3	ug/Kg
108-88-3	Toluene	0.63	U	0.63	4.10	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	04/08/25
Project:	Stockton	Date Received:	04/09/25
Client Sample ID:	GST3	SDG No.:	Q1761
Lab Sample ID:	Q1761-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	78.6
Sample Wt/Vol:	7.82 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021855.D	1		04/11/25 13:33	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.53	U	0.53	4.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	4.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.75	U	0.75	4.10	ug/Kg
591-78-6	2-Hexanone	3.00	U	3.00	20.3	ug/Kg
124-48-1	Dibromochloromethane	0.71	U	0.71	4.10	ug/Kg
106-93-4	1,2-Dibromoethane	0.72	U	0.72	4.10	ug/Kg
127-18-4	Tetrachloroethene	0.85	U	0.85	4.10	ug/Kg
108-90-7	Chlorobenzene	0.74	U	0.74	4.10	ug/Kg
100-41-4	Ethyl Benzene	0.55	U	0.55	4.10	ug/Kg
179601-23-1	m/p-Xylenes	1.00	U	1.00	8.10	ug/Kg
95-47-6	o-Xylene	0.67	U	0.67	4.10	ug/Kg
100-42-5	Styrene	0.58	U	0.58	4.10	ug/Kg
75-25-2	Bromoform	0.70	U	0.70	4.10	ug/Kg
98-82-8	Isopropylbenzene	0.63	U	0.63	4.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.98	U	0.98	4.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.40	U	1.40	4.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.30	U	1.30	4.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.20	U	1.20	4.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.50	U	1.50	4.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.40	U	2.40	4.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.60	U	2.60	4.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.6		70 (63) - 130 (155)	93%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		70 (70) - 130 (134)	99%	SPK: 50
2037-26-5	Toluene-d8	47.9		70 (74) - 130 (123)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.5		70 (38) - 130 (136)	81%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	317000	7.713			
540-36-3	1,4-Difluorobenzene	560000	8.616			
3114-55-4	Chlorobenzene-d5	469000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	180000	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	G Environmental	Date Collected:	04/08/25
Project:	Stockton	Date Received:	04/09/25
Client Sample ID:	GST3	SDG No.:	Q1761
Lab Sample ID:	Q1761-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	78.6
Sample Wt/Vol:	7.82 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021855.D	1		04/11/25 13:33	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	4.90	J		13.9	ug/Kg

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

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Surrogate Summary

SDG No.: Q1761

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1761-01	GST3	1,2-Dichloroethane-d4	50	46.6	93	70 (63)	130 (155)
		Dibromofluoromethane	50	49.6	99	70 (70)	130 (134)
		Toluene-d8	50	48.0	96	70 (74)	130 (123)
		4-Bromofluorobenzene	50	40.5	81	70 (38)	130 (136)
VY0411SBL01	VY0411SBL01	1,2-Dichloroethane-d4	50	47.0	94	70 (63)	130 (155)
		Dibromofluoromethane	50	49.2	98	70 (70)	130 (134)
		Toluene-d8	50	47.4	95	70 (74)	130 (123)
		4-Bromofluorobenzene	50	39.1	78	70 (38)	130 (136)
VY0411SBS01	VY0411SBS01	1,2-Dichloroethane-d4	50	52.3	105	70 (63)	130 (155)
		Dibromofluoromethane	50	53.2	106	70 (70)	130 (134)
		Toluene-d8	50	53.8	108	70 (74)	130 (123)
		4-Bromofluorobenzene	50	55.3	111	70 (38)	130 (136)
VY0411SBSD01	VY0411SBSD01	1,2-Dichloroethane-d4	50	50.6	101	70 (63)	130 (155)
		Dibromofluoromethane	50	53.9	108	70 (70)	130 (134)
		Toluene-d8	50	53.1	106	70 (74)	130 (123)
		4-Bromofluorobenzene	50	54.5	109	70 (38)	130 (136)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1761

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY021852.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0411SBS01	Dichlorodifluoromethane	20	17.7	ug/Kg	89			40 (64)	160 (136)	
	Chloromethane	20	17.5	ug/Kg	88			40 (70)	160 (130)	
	Vinyl chloride	20	17.2	ug/Kg	86			70 (72)	130 (129)	
	Bromomethane	20	18.9	ug/Kg	95			40 (58)	160 (141)	
	Chloroethane	20	18.0	ug/Kg	90			40 (69)	160 (130)	
	Trichlorofluoromethane	20	18.6	ug/Kg	93			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/Kg	98			70 (81)	130 (123)	
	1,1-Dichloroethene	20	19.1	ug/Kg	96			70 (79)	130 (121)	
	Acetone	100	100	ug/Kg	100			40 (60)	160 (131)	
	Carbon disulfide	20	17.4	ug/Kg	87			40 (45)	160 (154)	
	Methyl tert-butyl Ether	20	19.8	ug/Kg	99			70 (77)	130 (129)	
	Methyl Acetate	20	20.7	ug/Kg	104			70 (69)	130 (149)	
	Methylene Chloride	20	20.1	ug/Kg	101			70 (56)	130 (174)	
	trans-1,2-Dichloroethene	20	18.9	ug/Kg	95			70 (80)	130 (123)	
	1,1-Dichloroethane	20	19.7	ug/Kg	99			70 (82)	130 (123)	
	Cyclohexane	20	17.9	ug/Kg	90			70 (76)	130 (122)	
	2-Butanone	100	95.3	ug/Kg	95			40 (69)	160 (131)	
	Carbon Tetrachloride	20	19.7	ug/Kg	99			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	19.9	ug/Kg	100			70 (82)	130 (123)	
	Bromochloromethane	20	19.7	ug/Kg	99			70 (80)	130 (127)	
	Chloroform	20	19.7	ug/Kg	99			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	19.6	ug/Kg	98			70 (80)	130 (126)	
	Methylcyclohexane	20	18.8	ug/Kg	94			70 (77)	130 (123)	
	Benzene	20	19.7	ug/Kg	99			70 (84)	130 (121)	
	1,2-Dichloroethane	20	19.8	ug/Kg	99			70 (81)	130 (126)	
	Trichloroethene	20	19.8	ug/Kg	99			70 (83)	130 (122)	
	1,2-Dichloropropane	20	19.5	ug/Kg	98			70 (83)	130 (122)	
	Bromodichloromethane	20	20.0	ug/Kg	100			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	97.2	ug/Kg	97			40 (70)	160 (135)	
	Toluene	20	20.1	ug/Kg	101			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	19.4	ug/Kg	97			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	19.9	ug/Kg	100			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	20.1	ug/Kg	101			70 (82)	130 (125)	
	2-Hexanone	100	97.2	ug/Kg	97			40 (66)	160 (138)	
	Dibromochloromethane	20	20.3	ug/Kg	102			70 (79)	130 (125)	
	1,2-Dibromoethane	20	20.4	ug/Kg	102			70 (80)	130 (125)	
	Tetrachloroethene	20	22.1	ug/Kg	111			70 (83)	130 (125)	
	Chlorobenzene	20	19.8	ug/Kg	99			70 (84)	130 (122)	
	Ethyl Benzene	20	19.5	ug/Kg	98			70 (82)	130 (124)	
	m/p-Xylenes	40	39.5	ug/Kg	99			70 (83)	130 (124)	
	o-Xylene	20	20.0	ug/Kg	100			70 (83)	130 (123)	
	Styrene	20	19.8	ug/Kg	99			70 (82)	130 (124)	
	Bromoform	20	20.4	ug/Kg	102			70 (75)	130 (127)	
	Isopropylbenzene	20	19.0	ug/Kg	95			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	17.9	ug/Kg	90			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	19.4	ug/Kg	97			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	19.5	ug/Kg	98			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	20.1	ug/Kg	101			70 (83)	130 (124)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1761

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY021852.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0411SBS01	1,2-Dibromo-3-Chloropropane	20	20.9	ug/Kg	104			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	21.1	ug/Kg	106			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	21.4	ug/Kg	107			70 (70)	130 (137)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1761

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY021853.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0411SBSD01	Dichlorodifluoromethane	20	18.3	ug/Kg	92	3		40 (64)	160 (136)	30 (20)
	Chloromethane	20	16.4	ug/Kg	82	7		40 (70)	160 (130)	30 (20)
	Vinyl chloride	20	17.0	ug/Kg	85	1		70 (72)	130 (129)	30 (20)
	Bromomethane	20	17.5	ug/Kg	88	8		40 (58)	160 (141)	30 (20)
	Chloroethane	20	17.1	ug/Kg	86	5		40 (69)	160 (130)	30 (20)
	Trichlorofluoromethane	20	19.0	ug/Kg	95	2		40 (69)	160 (134)	30 (20)
	1,1,2-Trichlorotrifluoroethane	20	19.5	ug/Kg	98	0		70 (81)	130 (123)	30 (20)
	1,1-Dichloroethene	20	19.8	ug/Kg	99	3		70 (79)	130 (121)	30 (20)
	Acetone	100	84.8	ug/Kg	85	16		40 (60)	160 (131)	30 (20)
	Carbon disulfide	20	17.9	ug/Kg	90	3		40 (45)	160 (154)	30 (20)
	Methyl tert-butyl Ether	20	19.6	ug/Kg	98	1		70 (77)	130 (129)	30 (20)
	Methyl Acetate	20	21.8	ug/Kg	109	5		70 (69)	130 (149)	30 (20)
	Methylene Chloride	20	20.4	ug/Kg	102	1		70 (56)	130 (174)	30 (20)
	trans-1,2-Dichloroethene	20	19.5	ug/Kg	98	3		70 (80)	130 (123)	30 (20)
	1,1-Dichloroethane	20	19.9	ug/Kg	100	1		70 (82)	130 (123)	30 (20)
	Cyclohexane	20	18.2	ug/Kg	91	1		70 (76)	130 (122)	30 (20)
	2-Butanone	100	90.6	ug/Kg	91	4		40 (69)	160 (131)	30 (20)
	Carbon Tetrachloride	20	20.2	ug/Kg	101	2		70 (76)	130 (129)	30 (20)
	cis-1,2-Dichloroethene	20	20.2	ug/Kg	101	1		70 (82)	130 (123)	30 (20)
	Bromochloromethane	20	18.0	ug/Kg	90	10		70 (80)	130 (127)	30 (20)
	Chloroform	20	20.0	ug/Kg	100	1		70 (82)	130 (125)	30 (20)
	1,1,1-Trichloroethane	20	20.1	ug/Kg	101	3		70 (80)	130 (126)	30 (20)
	Methylcyclohexane	20	19.1	ug/Kg	96	2		70 (77)	130 (123)	30 (20)
	Benzene	20	20.3	ug/Kg	102	3		70 (84)	130 (121)	30 (20)
	1,2-Dichloroethane	20	19.6	ug/Kg	98	1		70 (81)	130 (126)	30 (20)
	Trichloroethene	20	20.9	ug/Kg	104	5		70 (83)	130 (122)	30 (20)
	1,2-Dichloropropane	20	19.9	ug/Kg	100	2		70 (83)	130 (122)	30 (20)
	Bromodichloromethane	20	20.0	ug/Kg	100	0		70 (82)	130 (123)	30 (20)
	4-Methyl-2-Pentanone	100	94.4	ug/Kg	94	3		40 (70)	160 (135)	30 (20)
	Toluene	20	20.5	ug/Kg	103	2		70 (83)	130 (122)	30 (20)
	t-1,3-Dichloropropene	20	19.9	ug/Kg	100	3		70 (78)	130 (124)	30 (20)
	cis-1,3-Dichloropropene	20	19.6	ug/Kg	98	2		70 (81)	130 (122)	30 (20)
	1,1,2-Trichloroethane	20	20.6	ug/Kg	103	2		70 (82)	130 (125)	30 (20)
	2-Hexanone	100	93.4	ug/Kg	93	4		40 (66)	160 (138)	30 (20)
	Dibromochloromethane	20	20.5	ug/Kg	103	1		70 (79)	130 (125)	30 (20)
	1,2-Dibromoethane	20	19.9	ug/Kg	100	2		70 (80)	130 (125)	30 (20)
	Tetrachloroethene	20	22.4	ug/Kg	112	1		70 (83)	130 (125)	30 (20)
	Chlorobenzene	20	20.4	ug/Kg	102	3		70 (84)	130 (122)	30 (20)
	Ethyl Benzene	20	20.1	ug/Kg	101	3		70 (82)	130 (124)	30 (20)
	m/p-Xylenes	40	40.8	ug/Kg	102	3		70 (83)	130 (124)	30 (20)
	o-Xylene	20	20.5	ug/Kg	103	3		70 (83)	130 (123)	30 (20)
	Styrene	20	20.6	ug/Kg	103	4		70 (82)	130 (124)	30 (20)
	Bromoform	20	20.4	ug/Kg	102	0		70 (75)	130 (127)	30 (20)
	Isopropylbenzene	20	19.7	ug/Kg	99	4		70 (82)	130 (124)	30 (20)
	1,1,2,2-Tetrachloroethane	20	18.0	ug/Kg	90	0		70 (77)	130 (127)	30 (20)
	1,3-Dichlorobenzene	20	20.3	ug/Kg	102	5		70 (83)	130 (122)	30 (20)
	1,4-Dichlorobenzene	20	20.2	ug/Kg	101	3		70 (84)	130 (121)	30 (20)
	1,2-Dichlorobenzene	20	20.1	ug/Kg	101	0		70 (83)	130 (124)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1761

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY021853.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0411SBSD01	1,2-Dibromo-3-Chloropropane	20	19.9	ug/Kg	100	4		40 (66)	160 (134)	30 (20)
	1,2,4-Trichlorobenzene	20	21.9	ug/Kg	110	4		70 (78)	130 (127)	30 (20)
	1,2,3-Trichlorobenzene	20	22.5	ug/Kg	113	5		70 (70)	130 (137)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0411SBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG NO.: Q1761

Lab File ID: VY021851.D Lab Sample ID: VY0411SBL01

Date Analyzed: 04/11/2025 Time Analyzed: 11:35

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

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0411SBS01	VY0411SBS01	VY021852.D	04/11/2025
VY0411SBSD01	VY0411SBSD01	VY021853.D	04/11/2025
GST3	Q1761-01	VY021855.D	04/11/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG NO.: Q1761

Lab File ID: VY021655.D BFB Injection Date: 03/27/2025

Instrument ID: MSVOA_Y BFB Injection Time: 09:23

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.4
75	30.0 - 60.0% of mass 95	53
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1.7 (2) 1
174	50.0 - 100.0% of mass 95	86.7
175	5.0 - 9.0% of mass 174	6.6 (7.6) 1
176	95.0 - 101.0% of mass 174	82.9 (95.6) 1
177	5.0 - 9.0% of mass 176	5.6 (6.8) 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
VSTDICC005	VSTDICC005	VY021656.D	03/27/2025	10:08
VSTDICC010	VSTDICC010	VY021657.D	03/27/2025	10:31
VSTDICC020	VSTDICC020	VY021658.D	03/27/2025	10:54
VSTDICCC050	VSTDICCC050	VY021659.D	03/27/2025	11:16
VSTDICC100	VSTDICC100	VY021660.D	03/27/2025	11:39
VSTDICC150	VSTDICC150	VY021661.D	03/27/2025	12:02

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG NO.: Q1761

Lab File ID: VY021849.D BFB Injection Date: 04/11/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:46

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.3
75	30.0 - 60.0% of mass 95	52
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	1.2 (1.4) 1
174	50.0 - 100.0% of mass 95	87
175	5.0 - 9.0% of mass 174	6.6 (7.6) 1
176	95.0 - 101.0% of mass 174	82.8 (95.1) 1
177	5.0 - 9.0% of mass 176	5.6 (6.8) 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	VY021850.D	04/11/2025	09:18
VY0411SBL01	VY0411SBL01	VY021851.D	04/11/2025	11:35
VY0411SBS01	VY0411SBS01	VY021852.D	04/11/2025	12:06
VY0411SBSD01	VY0411SBSD01	VY021853.D	04/11/2025	12:28
GST3	Q1761-01	VY021855.D	04/11/2025	13:33

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG NO.: Q1761

Lab File ID: VY021850.D Date Analyzed: 04/11/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:18

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	297119	7.71	443480	8.62	386894	11.42
UPPER LIMIT	594238	8.207	886960	9.115	773788	11.92
LOWER LIMIT	148560	7.207	221740	8.115	193447	10.92
EPA SAMPLE NO.						
GST3	317324	7.71	560087	8.62	469329	11.42
VY0411SBL01	321354	7.71	579974	8.62	477999	11.42
VY0411SBS01	261639	7.71	412441	8.62	367570	11.42
VY0411SBSD01	261813	7.71	409914	8.62	362626	11.41

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG NO.: Q1761

Lab File ID: VY021850.D Date Analyzed: 04/11/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:18

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

	IS4 AREA #	RT #				
12 HOUR STD	196263	13.346				
UPPER LIMIT	392526	13.846				
LOWER LIMIT	98131.5	12.846				
EPA SAMPLE NO.						
GST3	180059	13.35				
VY0411SBL01	174550	13.35				
VY0411SBS01	190311	13.35				
VY0411SBSD01	188335	13.35				

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
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0411SBL01	SDG No.:	Q1761
Lab Sample ID:	VY0411SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021851.D	1		04/11/25 11:35	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0411SBL01	SDG No.:	Q1761
Lab Sample ID:	VY0411SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021851.D	1		04/11/25 11:35	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.0		70 (63) - 130 (155)	94%	SPK: 50
1868-53-7	Dibromofluoromethane	49.2		70 (70) - 130 (134)	98%	SPK: 50
2037-26-5	Toluene-d8	47.4		70 (74) - 130 (123)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.1		70 (38) - 130 (136)	78%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	321000	7.713			
540-36-3	1,4-Difluorobenzene	580000	8.615			
3114-55-4	Chlorobenzene-d5	478000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	175000	13.352			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0411SBL01	SDG No.:	Q1761
Lab Sample ID:	VY0411SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021851.D	1		04/11/25 11:35	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0411SBS01	SDG No.:	Q1761
Lab Sample ID:	VY0411SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021852.D	1		04/11/25 12:06	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	17.7		1.10	5.00	ug/Kg
74-87-3	Chloromethane	17.5		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	17.2		0.79	5.00	ug/Kg
74-83-9	Bromomethane	18.9		1.10	5.00	ug/Kg
75-00-3	Chloroethane	18.0		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	18.6		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	19.1		1.00	5.00	ug/Kg
67-64-1	Acetone	100		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	17.4		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.8		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	20.7		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	20.1		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	18.9		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	19.7		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	17.9		0.79	5.00	ug/Kg
78-93-3	2-Butanone	95.3		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	19.7		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	19.9		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	19.7		1.20	5.00	ug/Kg
67-66-3	Chloroform	19.7		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	19.6		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	18.8		0.91	5.00	ug/Kg
71-43-2	Benzene	19.7		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	19.8		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	19.8		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	19.5		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.0		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	97.2		3.60	25.0	ug/Kg
108-88-3	Toluene	20.1		0.78	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0411SBS01	SDG No.:	Q1761
Lab Sample ID:	VY0411SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021852.D	1		04/11/25 12:06	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.4		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.9		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.1		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	97.2		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.3		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.4		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	22.1		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	19.8		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.5		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	39.5		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.0		0.82	5.00	ug/Kg
100-42-5	Styrene	19.8		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.4		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.0		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	17.9		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.4		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.5		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.1		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	20.9		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	21.1		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	21.4		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.3		70 (63) - 130 (155)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	53.2		70 (70) - 130 (134)	106%	SPK: 50
2037-26-5	Toluene-d8	53.8		70 (74) - 130 (123)	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.3		70 (38) - 130 (136)	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	262000	7.707			
540-36-3	1,4-Difluorobenzene	412000	8.616			
3114-55-4	Chlorobenzene-d5	368000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	190000	13.347			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0411SBS01	SDG No.:	Q1761
Lab Sample ID:	VY0411SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021852.D	1		04/11/25 12:06	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0411SBSD01	SDG No.:	Q1761
Lab Sample ID:	VY0411SBSD01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021853.D	1		04/11/25 12:28	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	18.3		1.10	5.00	ug/Kg
74-87-3	Chloromethane	16.4		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	17.0		0.79	5.00	ug/Kg
74-83-9	Bromomethane	17.5		1.10	5.00	ug/Kg
75-00-3	Chloroethane	17.1		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	19.0		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	19.5		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	19.8		1.00	5.00	ug/Kg
67-64-1	Acetone	84.8		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	17.9		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.6		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	21.8		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	20.4		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	19.5		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	19.9		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	18.2		0.79	5.00	ug/Kg
78-93-3	2-Butanone	90.6		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.2		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.2		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	18.0		1.20	5.00	ug/Kg
67-66-3	Chloroform	20.0		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.1		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	19.1		0.91	5.00	ug/Kg
71-43-2	Benzene	20.3		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	19.6		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.9		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	19.9		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.0		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	94.4		3.60	25.0	ug/Kg
108-88-3	Toluene	20.5		0.78	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0411SBSD01	SDG No.:	Q1761
Lab Sample ID:	VY0411SBSD01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021853.D	1		04/11/25 12:28	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.9		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.6		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.6		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	93.4		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.5		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	19.9		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	22.4		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.4		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.1		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.8		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.5		0.82	5.00	ug/Kg
100-42-5	Styrene	20.6		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.4		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.7		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	18.0		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.3		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.2		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.1		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.9		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	21.9		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	22.5		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.6		70 (63) - 130 (155)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	53.9		70 (70) - 130 (134)	108%	SPK: 50
2037-26-5	Toluene-d8	53.1		70 (74) - 130 (123)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.5		70 (38) - 130 (136)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	262000	7.707			
540-36-3	1,4-Difluorobenzene	410000	8.616			
3114-55-4	Chlorobenzene-d5	363000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	188000	13.347			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0411SBSD01	SDG No.:	Q1761
Lab Sample ID:	VY0411SBSD01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021853.D	1		04/11/25 12:28	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG No.: Q1761

Instrument ID: MSVOA_Y Calibration Date(s): 03/27/2025 03/27/2025

Heated Purge: (Y/N) Y Calibration Time(s): 10:08 12:02

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

LAB FILE ID: RRF005 = VY021656.D RRF010 = VY021657.D RRF020 = VY021658.D
RRF050 = VY021659.D RRF100 = VY021660.D RRF150 = VY021661.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.602	0.577	0.493	0.506	0.485	0.447	0.518	11.4
Chloromethane	0.876	0.775	0.713	0.692	0.672	0.644	0.729	11.6
Vinyl Chloride	0.977	0.886	0.810	0.800	0.758	0.714	0.824	11.5
Bromomethane	0.709	0.613	0.537	0.513	0.494	0.506	0.562	14.9
Chloroethane	0.644	0.570	0.544	0.512	0.490	0.476	0.539	11.5
Trichlorofluoromethane	1.212	1.124	1.104	1.013	0.967	0.914	1.056	10.5
1,1,2-Trichlorotrifluoroethane	0.668	0.601	0.553	0.536	0.510	0.473	0.557	12.4
1,1-Dichloroethene	0.589	0.564	0.508	0.514	0.496	0.477	0.524	8.2
Acetone	0.145	0.123	0.102	0.107	0.087	0.102	0.111	18.3
Carbon Disulfide	1.956	1.828	1.709	1.696	1.623	1.552	1.727	8.4
Methyl tert-butyl Ether	1.380	1.335	1.247	1.325	1.256	1.292	1.306	3.9
Methyl Acetate	0.329	0.286	0.269	0.265	0.243	0.257	0.275	11
Methylene Chloride	0.870	0.694	0.594	0.564	0.518	0.514	0.626	21.8
trans-1,2-Dichloroethene	0.634	0.608	0.568	0.567	0.551	0.536	0.577	6.3
1,1-Dichloroethane	1.178	1.091	1.024	1.040	0.992	0.968	1.049	7.3
Cyclohexane	1.170	1.032	0.912	0.918	0.886	0.818	0.956	13.1
2-Butanone	0.181	0.166	0.149	0.159	0.140	0.155	0.158	8.9
Carbon Tetrachloride	0.637	0.594	0.546	0.564	0.547	0.507	0.566	7.9
cis-1,2-Dichloroethene	0.700	0.658	0.626	0.652	0.631	0.629	0.649	4.3
Bromochloromethane	0.513	0.470	0.424	0.426	0.420	0.402	0.442	9.3
Chloroform	1.235	1.141	1.062	1.081	1.026	1.000	1.091	7.9
1,1,1-Trichloroethane	1.155	1.013	0.959	0.967	0.929	0.893	0.986	9.3
Methylcyclohexane	0.593	0.599	0.569	0.619	0.612	0.550	0.590	4.5
Benzene	1.606	1.527	1.429	1.499	1.445	1.371	1.479	5.6
1,2-Dichloroethane	0.467	0.445	0.399	0.420	0.392	0.379	0.417	8.1
Trichloroethene	0.412	0.398	0.362	0.374	0.366	0.348	0.377	6.4
1,2-Dichloropropane	0.383	0.366	0.334	0.353	0.340	0.325	0.350	6.2
Bromodichloromethane	0.571	0.546	0.504	0.525	0.508	0.484	0.523	6
4-Methyl-2-Pentanone	0.232	0.240	0.219	0.241	0.222	0.226	0.230	3.9
Toluene	0.940	0.943	0.893	0.951	0.928	0.885	0.923	3

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

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Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG No.: Q1761

Instrument ID: MSVOA_Y Calibration Date(s): 03/27/2025 03/27/2025

Heated Purge: (Y/N) Y Calibration Time(s): 10:08 12:02

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

LAB FILE ID: RRF005 = VY021656.D RRF010 = VY021657.D RRF020 = VY021658.D
RRF050 = VY021659.D RRF100 = VY021660.D RRF150 = VY021661.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.456	0.470	0.439	0.486	0.475	0.461	0.465	3.5
cis-1,3-Dichloropropene	0.553	0.558	0.528	0.565	0.549	0.534	0.548	2.6
1,1,2-Trichloroethane	0.280	0.283	0.249	0.261	0.247	0.240	0.260	6.9
2-Hexanone	0.154	0.154	0.144	0.164	0.148	0.154	0.153	4.2
Dibromochloromethane	0.371	0.367	0.340	0.364	0.348	0.337	0.355	4.1
1,2-Dibromoethane	0.267	0.250	0.230	0.254	0.233	0.229	0.244	6.3
Tetrachloroethene	0.534	0.503	0.453	0.449	0.412	0.382	0.455	12.3
Chlorobenzene	1.244	1.178	1.110	1.155	1.116	1.073	1.146	5.3
Ethyl Benzene	1.949	1.916	1.918	2.051	2.023	1.935	1.965	2.9
m/p-Xylenes	0.726	0.753	0.744	0.787	0.774	0.731	0.753	3.2
o-Xylene	0.665	0.670	0.676	0.738	0.725	0.694	0.695	4.4
Styrene	1.064	1.110	1.134	1.232	1.229	1.181	1.158	5.8
Bromoform	0.241	0.239	0.229	0.237	0.225	0.221	0.232	3.4
Isopropylbenzene	3.628	3.701	3.582	3.826	3.843	3.702	3.714	2.8
1,1,2,2-Tetrachloroethane	0.764	0.720	0.616	0.657	0.619	0.631	0.668	9.1
1,3-Dichlorobenzene	1.895	1.774	1.707	1.748	1.728	1.689	1.757	4.2
1,4-Dichlorobenzene	1.876	1.794	1.704	1.741	1.673	1.626	1.736	5.2
1,2-Dichlorobenzene	1.598	1.607	1.496	1.524	1.486	1.465	1.529	3.9
1,2-Dibromo-3-Chloropropane	0.112	0.111	0.097	0.102	0.096	0.102	0.103	6.6
1,2,4-Trichlorobenzene	0.771	0.781	0.787	0.878	0.870	0.889	0.829	6.6
1,2,3-Trichlorobenzene	0.653	0.681	0.673	0.746	0.737	0.753	0.707	6.1
1,2-Dichloroethane-d4	0.612	0.559	0.502	0.548	0.510	0.520	0.542	7.5
Dibromofluoromethane	0.357	0.321	0.290	0.339	0.325	0.313	0.324	7
Toluene-d8	1.277	1.240	1.127	1.306	1.252	1.201	1.234	5.1
4-Bromofluorobenzene	0.447	0.410	0.378	0.439	0.424	0.407	0.417	6

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG No.: Q1761

Instrument ID: MSVOA_Y Calibration Date/Time: 04/11/2025 09:18

Lab File ID: VY021850.D Init. Calib. Date(s): 03/27/2025 03/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:08 12:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.500		-3.47	20
Chloromethane	0.729	0.591	0.1	-18.93	20
Vinyl Chloride	0.824	0.724		-12.14	20
Bromomethane	0.562	0.463		-17.62	20
Chloroethane	0.539	0.483		-10.39	20
Trichlorofluoromethane	1.056	1.051		-0.47	20
1,1,2-Trichlorotrifluoroethane	0.557	0.581		4.31	20
1,1-Dichloroethene	0.524	0.541		3.24	20
Acetone	0.111	0.094		-15.31	20
Carbon Disulfide	1.727	1.635		-5.33	20
Methyl tert-butyl Ether	1.306	1.320		1.07	20
Methyl Acetate	0.275	0.290		5.45	20
Methylene Chloride	0.626	0.581		-7.19	20
trans-1,2-Dichloroethene	0.577	0.594		2.95	20
1,1-Dichloroethane	1.049	1.065	0.1	1.52	20
Cyclohexane	0.956	0.919		-3.87	20
2-Butanone	0.158	0.139		-12.02	20
Carbon Tetrachloride	0.566	0.635		12.19	20
cis-1,2-Dichloroethene	0.649	0.680		4.78	20
Bromochloromethane	0.442	0.405		-8.37	20
Chloroform	1.091	1.112		1.92	20
1,1,1-Trichloroethane	0.986	1.021		3.55	20
Methylcyclohexane	0.590	0.661		12.03	20
Benzene	1.479	1.585		7.17	20
1,2-Dichloroethane	0.417	0.424		1.68	20
Trichloroethene	0.377	0.432		14.59	20
1,2-Dichloropropane	0.350	0.373		6.57	20
Bromodichloromethane	0.523	0.552		5.55	20
4-Methyl-2-Pentanone	0.230	0.221		-3.91	20
Toluene	0.923	1.019		10.4	20
t-1,3-Dichloropropene	0.465	0.489		5.16	20
cis-1,3-Dichloropropene	0.548	0.585		6.75	20
1,1,2-Trichloroethane	0.260	0.270		3.85	20
2-Hexanone	0.153	0.146		-4.57	20
Dibromochloromethane	0.355	0.384		8.17	20
1,2-Dibromoethane	0.244	0.260		6.56	20
Tetrachloroethene	0.455	0.571		25.5	20
Chlorobenzene	1.146	1.268	0.3	10.65	20

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG No.: Q1761

Instrument ID: MSVOA_Y Calibration Date/Time: 04/11/2025 09:18

Lab File ID: VY021850.D Init. Calib. Date(s): 03/27/2025 03/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:08 12:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.965	2.263		15.16	20
m/p-Xylenes	0.753	0.863		14.61	20
o-Xylene	0.695	0.813		16.98	20
Styrene	1.158	1.347		16.32	20
Bromoform	0.232	0.254	0.1	9.48	20
Isopropylbenzene	3.714	4.282		15.29	20
1,1,2,2-Tetrachloroethane	0.668	0.611	0.3	-8.53	20
1,3-Dichlorobenzene	1.757	1.945		10.7	20
1,4-Dichlorobenzene	1.736	1.895		9.16	20
1,2-Dichlorobenzene	1.529	1.699		11.12	20
1,2-Dibromo-3-Chloropropane	0.103	0.103		0	20
1,2,4-Trichlorobenzene	0.829	1.048		26.42	20
1,2,3-Trichlorobenzene	0.707	0.882		24.75	20
1,2-Dichloroethane-d4	0.542	0.511		-5.72	20
Dibromofluoromethane	0.324	0.349		7.72	20
Toluene-d8	1.234	1.339		8.51	20
4-Bromofluorobenzene	0.417	0.461		10.55	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_Y\Data\VY041125\
Data File : VY021855.D
Acq On : 11 Apr 2025 13:33
Operator : SY/MD
Sample : Q1761-01
Misc : 7.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GST3

Quant Time: Apr 12 02:48:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	317324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	560087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	469329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	180059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	160307	46.626	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.260%		
35) Dibromofluoromethane	7.634	113	180049	49.557	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.120%		
50) Toluene-d8	10.109	98	662731	47.948	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.900%		
62) 4-Bromofluorobenzene	12.408	95	189531	40.540	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	81.080%		

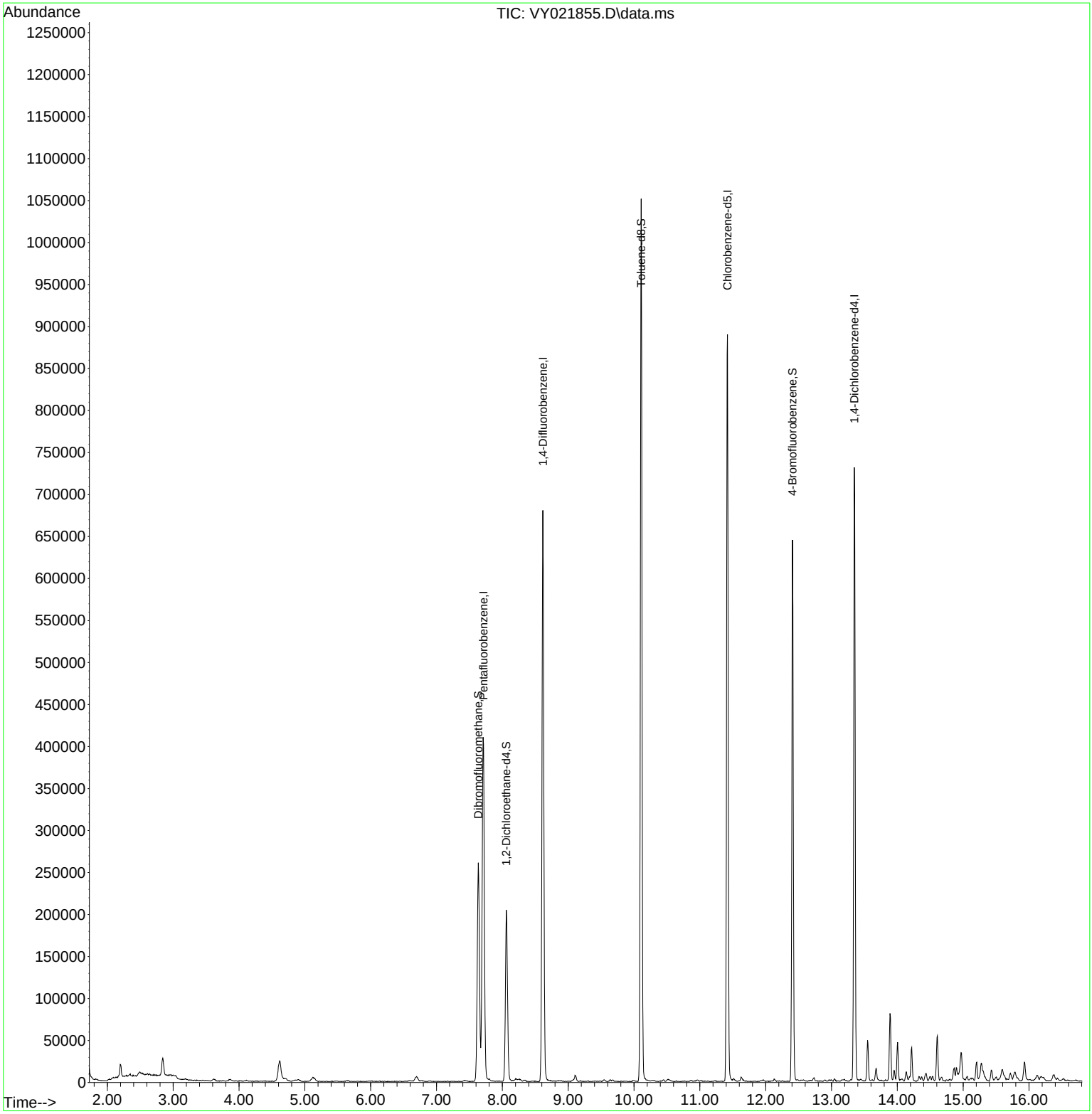
Target Compounds Qvalue

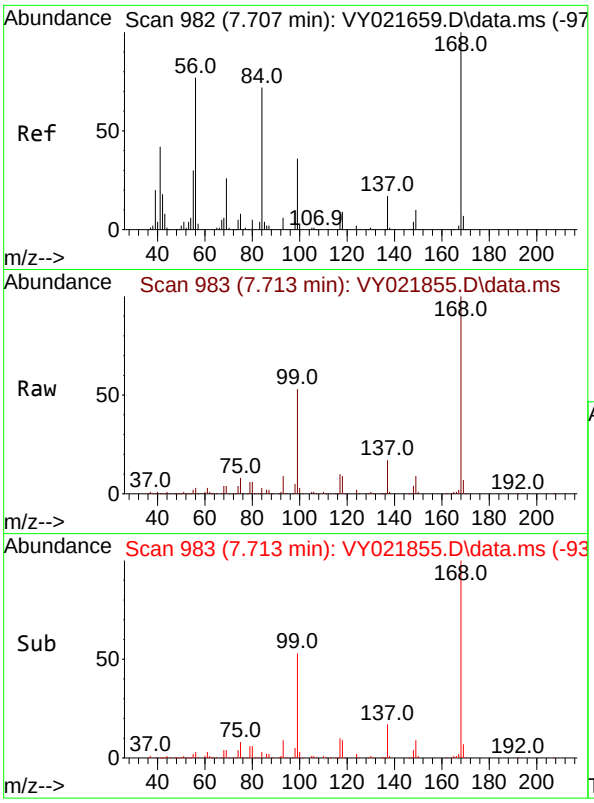
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021855.D
Acq On : 11 Apr 2025 13:33
Operator : SY/MD
Sample : Q1761-01
Misc : 7.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GST3

Quant Time: Apr 12 02:48:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration



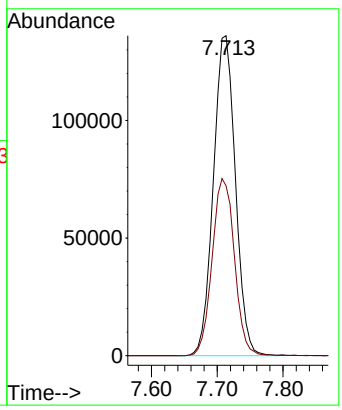


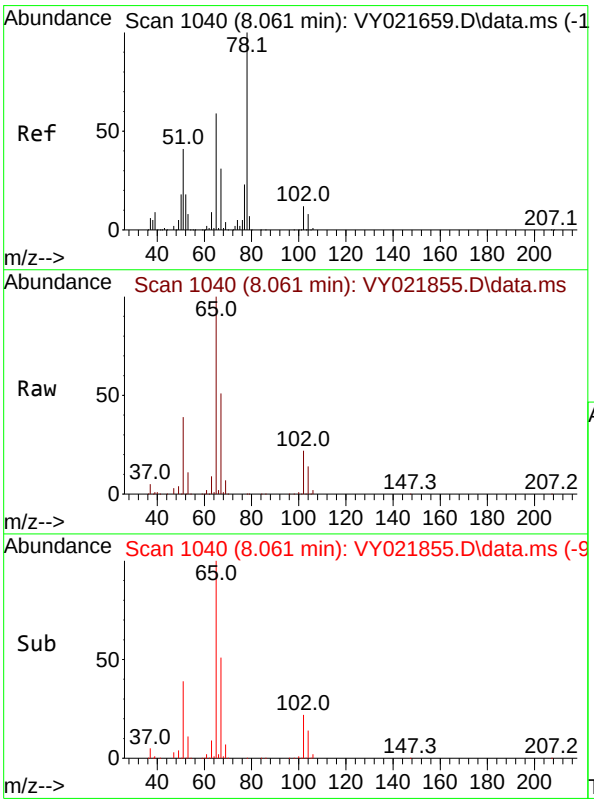
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021855.D
Acq: 11 Apr 2025 13:33

Instrument :
MSVOA_Y
ClientSampleId :
GST3

Tgt Ion:168 Resp: 317324

Ion	Ratio	Lower	Upper
168	100		
99	53.1	46.7	70.1

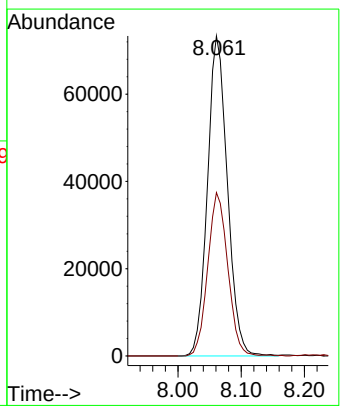


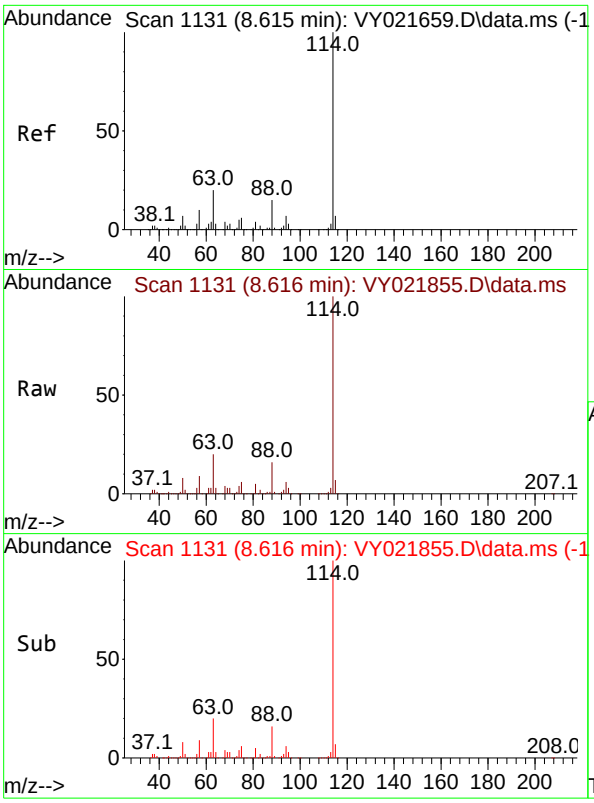


#33
1,2-Dichloroethane-d4
Concen: 46.626 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021855.D
Acq: 11 Apr 2025 13:33

Tgt Ion: 65 Resp: 160307

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.6



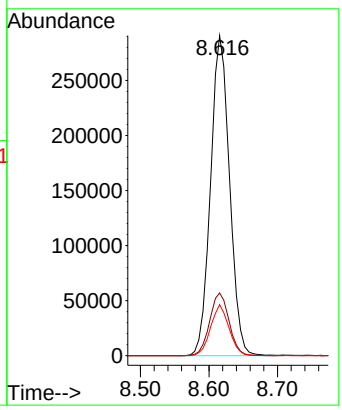


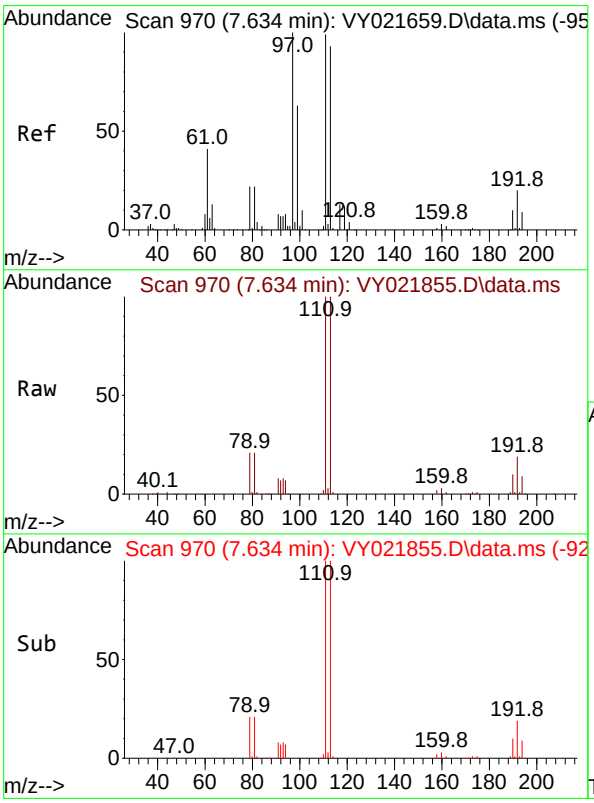
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021855.D
Acq: 11 Apr 2025 13:33

Instrument :
MSVOA_Y
ClientSampleId :
GST3

Tgt Ion:114 Resp: 560087

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.2
88	16.0	0.0	29.8

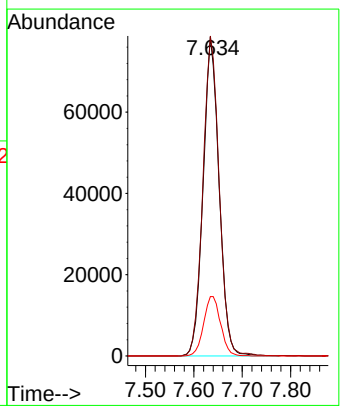


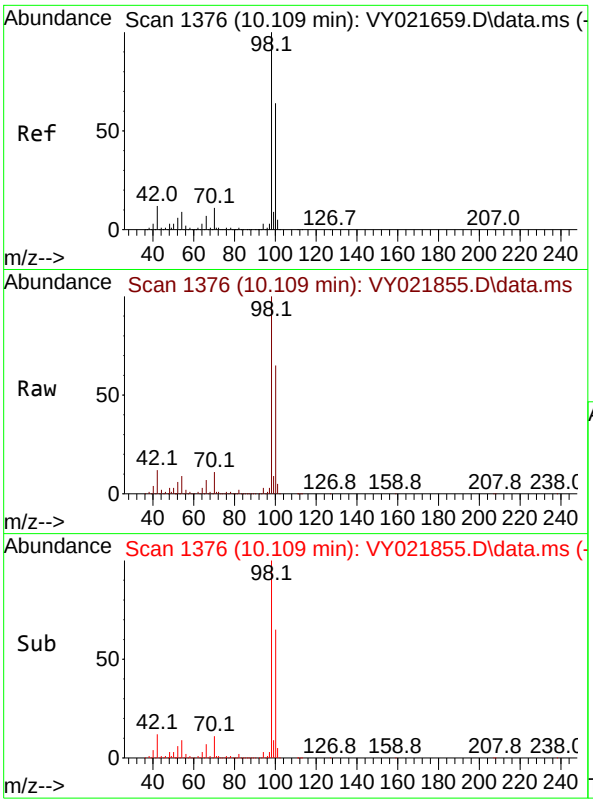


#35
Dibromofluoromethane
Concen: 49.557 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021855.D
Acq: 11 Apr 2025 13:33

Tgt Ion:113 Resp: 180049

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	19.7	16.2	24.4



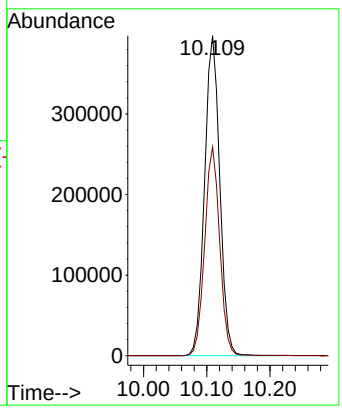


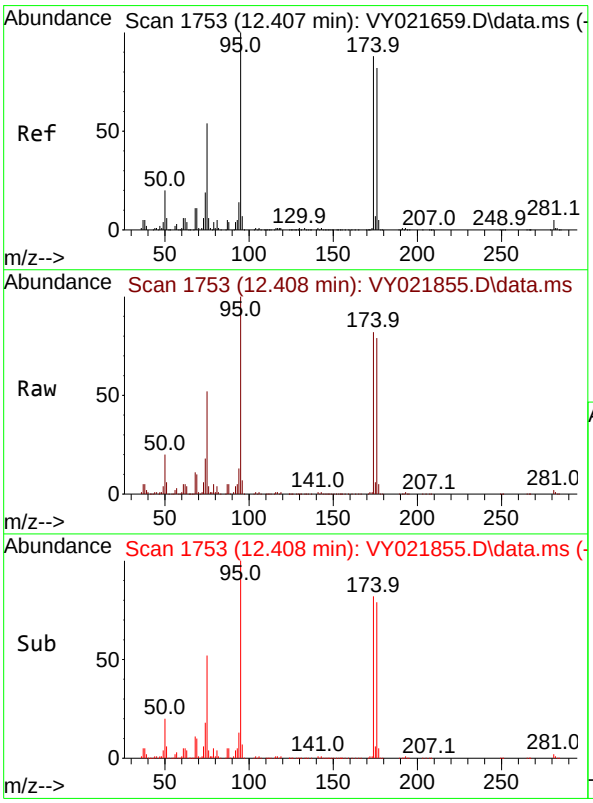
#50
Toluene-d8
Concen: 47.948 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021855.D
Acq: 11 Apr 2025 13:33

Instrument :
MSVOA_Y
ClientSampleId :
GST3

Tgt Ion: 98 Resp: 662731

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.1	78.1

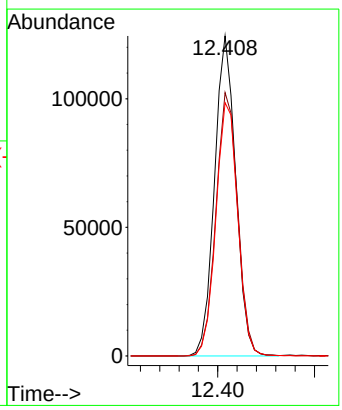


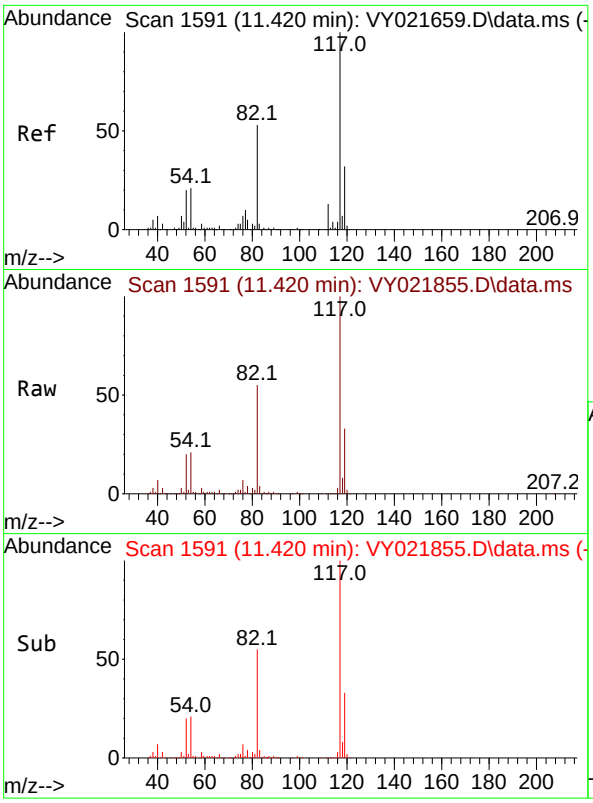


#62
4-Bromofluorobenzene
Concen: 40.540 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021855.D
Acq: 11 Apr 2025 13:33

Tgt Ion: 95 Resp: 189531

Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	170.8
176	81.5	0.0	162.0



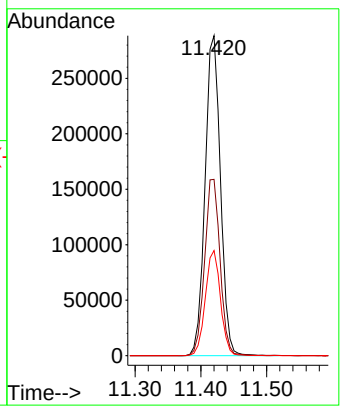


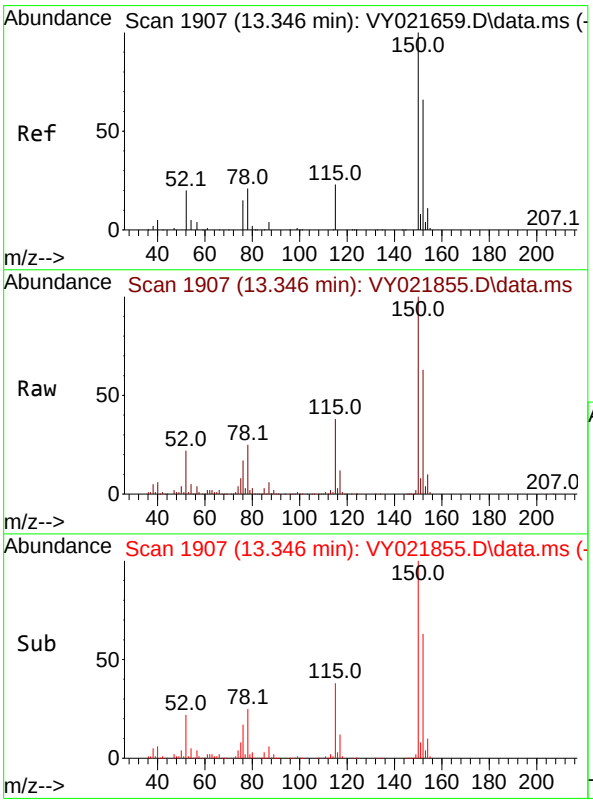
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021855.D
Acq: 11 Apr 2025 13:33

Instrument :
MSVOA_Y
ClientSampleId :
GST3

Tgt Ion:117 Resp: 469329

Ion	Ratio	Lower	Upper
117	100		
82	55.1	42.8	64.2
119	32.9	25.7	38.5

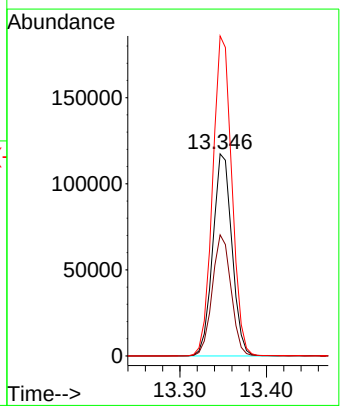




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021855.D
Acq: 11 Apr 2025 13:33

Tgt Ion:152 Resp: 180059

Ion	Ratio	Lower	Upper
152	100		
115	59.0	28.8	86.5
150	158.4	0.0	348.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021855.D
Acq On : 11 Apr 2025 13:33
Operator : SY/MD
Sample : Q1761-01
Misc : 7.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GST3

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_Y\methods\82Y032725S.M
Title : SW846 8260

Signal : TIC: VY021855.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.196	70	78	84	rBV	15916	30434	1.72%	0.312%
2	2.842	178	184	191	rBV2	20153	40648	2.29%	0.417%
3	4.616	464	475	488	rBV3	23977	82478	4.65%	0.846%
4	5.122	546	558	572	rVB8	5206	20613	1.16%	0.212%
5	7.634	959	970	976	rBV	260364	606024	34.18%	6.218%
6	7.707	976	982	996	rVB	408015	951933	53.69%	9.768%
7	8.061	1030	1040	1053	rBV	203880	448622	25.30%	4.603%
8	8.616	1120	1131	1145	rBV	680272	1322317	74.59%	13.568%
9	9.103	1201	1211	1219	rVB4	7375	17868	1.01%	0.183%
10	10.109	1368	1376	1390	rBV	1050917	1772888	100.00%	18.191%
11	11.420	1583	1591	1602	rBV	888800	1463214	82.53%	15.014%
12	12.408	1745	1753	1762	rBV	644802	1023946	57.76%	10.507%
13	13.346	1900	1907	1915	rBV	729312	1106480	62.41%	11.353%
14	13.548	1934	1940	1947	rBV	48391	76333	4.31%	0.783%
15	13.676	1955	1961	1971	rBV4	14834	26925	1.52%	0.276%
16	13.889	1990	1996	2002	rBV2	79973	132922	7.50%	1.364%
17	13.950	2002	2006	2010	rVV3	11936	18677	1.05%	0.192%
18	14.005	2010	2015	2020	rVB	45156	67305	3.80%	0.691%
19	14.133	2030	2036	2041	rBV3	10893	20011	1.13%	0.205%
20	14.218	2045	2050	2056	rVB	39195	59698	3.37%	0.613%
21	14.608	2107	2114	2119	rBV	53279	87991	4.96%	0.903%
22	14.864	2149	2156	2159	rBV3	14640	28433	1.60%	0.292%
23	14.895	2159	2161	2165	rVV	14509	22655	1.28%	0.232%
24	14.968	2167	2173	2179	rVB3	31557	68429	3.86%	0.702%
25	15.206	2206	2212	2216	rBV2	21688	37065	2.09%	0.380%
26	15.279	2216	2224	2237	rVB3	20450	63561	3.59%	0.652%
27	15.431	2243	2249	2254	rBV	13228	25470	1.44%	0.261%
28	15.590	2268	2275	2285	rVB5	12090	34996	1.97%	0.359%
29	15.785	2301	2307	2312	rBV5	8431	19907	1.12%	0.204%
30	15.931	2323	2331	2341	rBV2	22076	48722	2.75%	0.500%
31	16.376	2397	2404	2410	rBV9	7292	19235	1.08%	0.197%

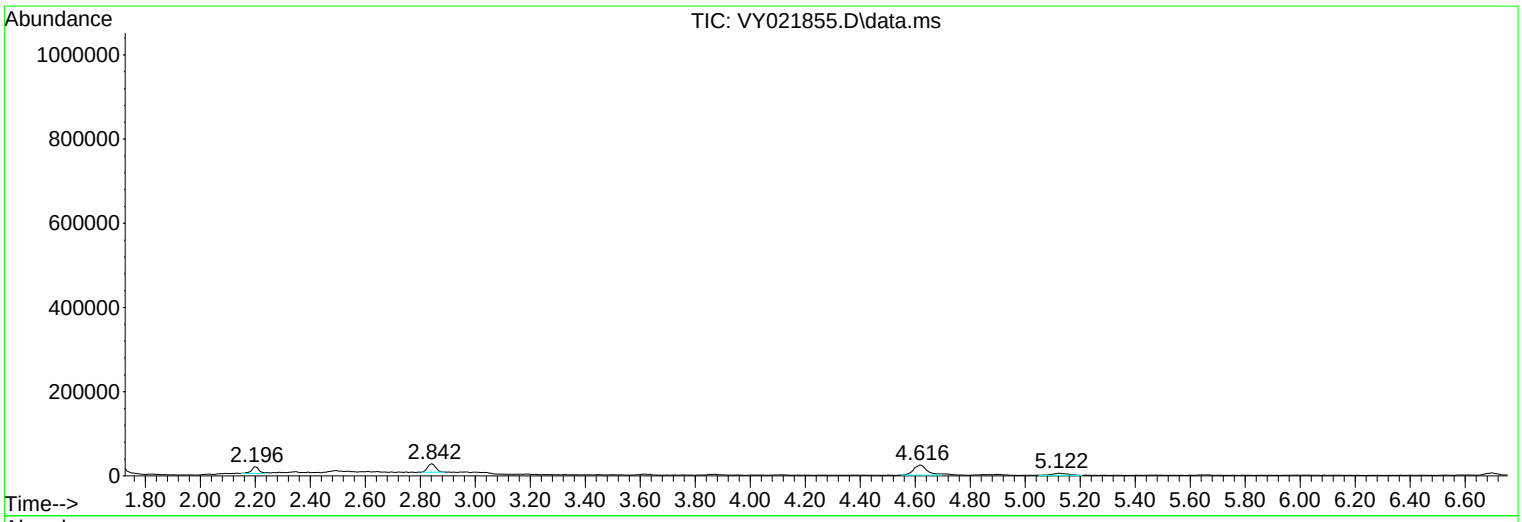
Sum of corrected areas: 9745800

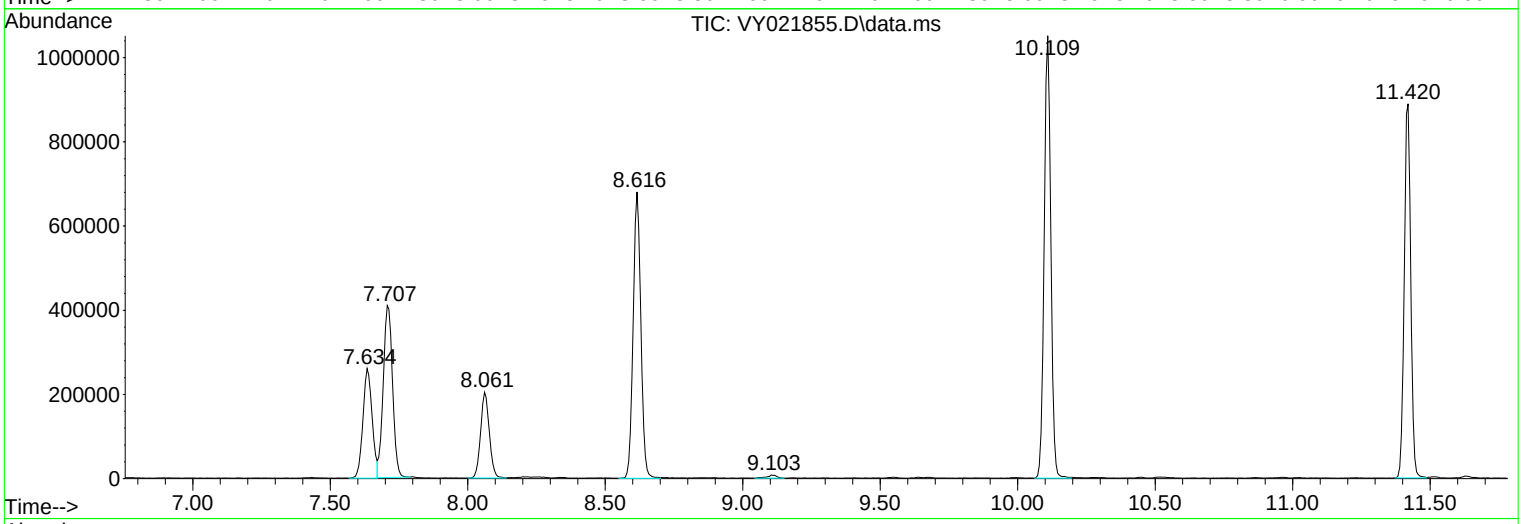
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021855.D
Acq On : 11 Apr 2025 13:33
Operator : SY/MD
Sample : Q1761-01
Misc : 7.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

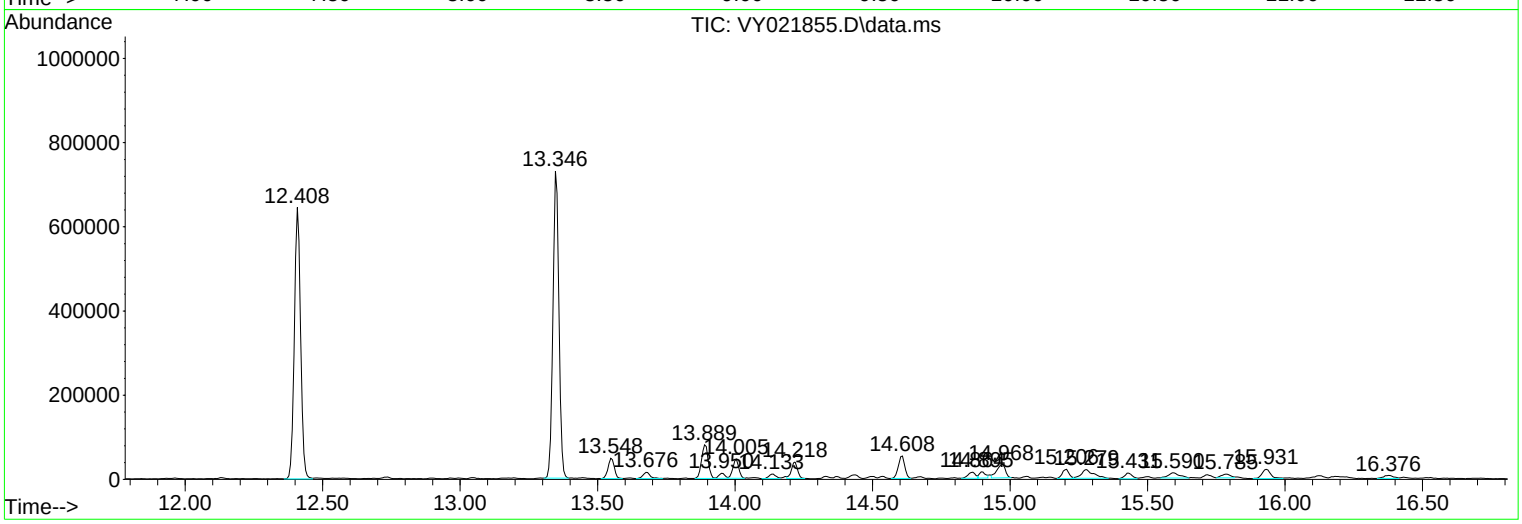
Instrument :
MSVOA_Y
ClientSampleId :
GST3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021855.D
Acq On : 11 Apr 2025 13:33
Operator : SY/MD
Sample : Q1761-01
Misc : 7.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GST3

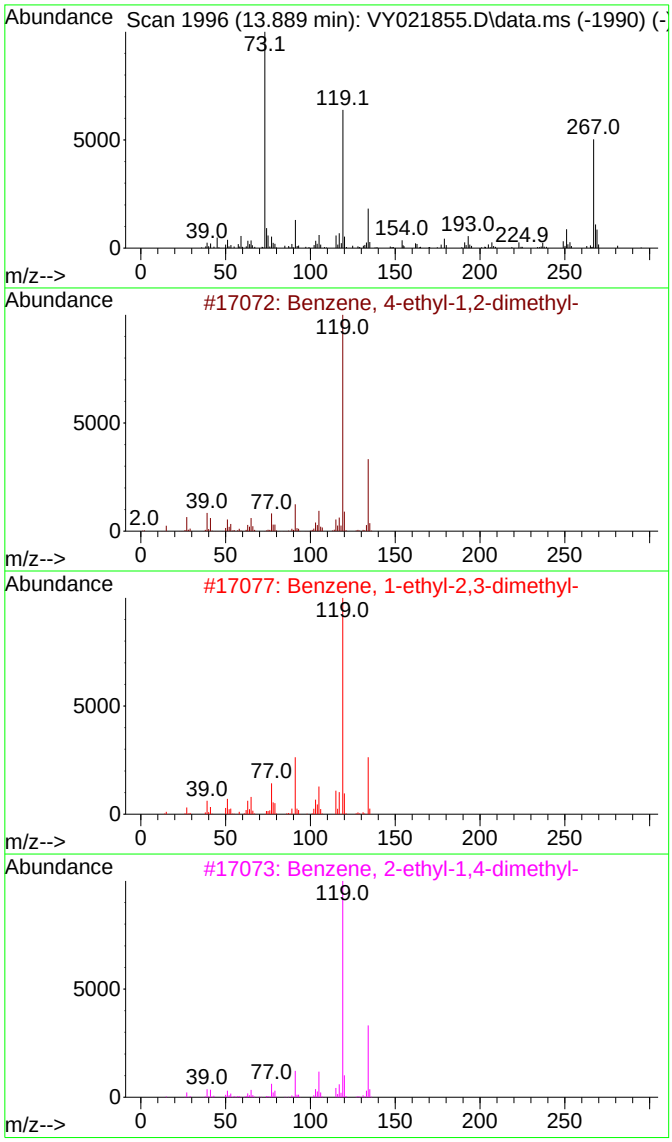
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

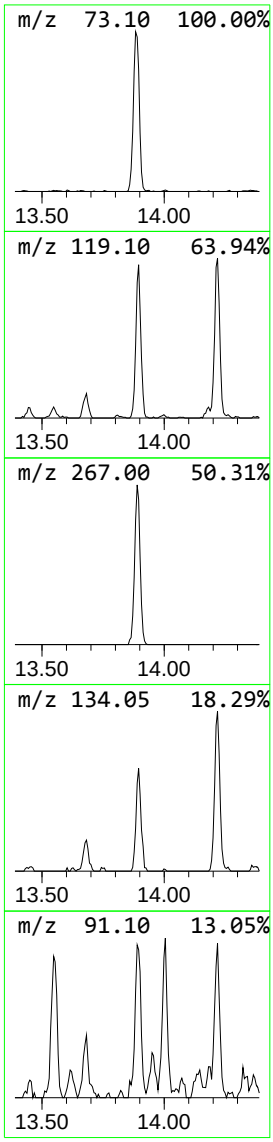
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	6.01 ug/l	132922	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	74
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021855.D
Acq On : 11 Apr 2025 13:33
Operator : SY/MD
Sample : Q1761-01
Misc : 7.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GST3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 4-ethy...	13.889	6.0	ug/l	132922	4	13.346	1106480	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021851.D
Acq On : 11 Apr 2025 11:35
Operator : SY/MD
Sample : VY0411SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

Quant Time: Apr 12 02:45:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	321354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	579974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	477999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	174550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	163798	47.044	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.080%		
35) Dibromofluoromethane	7.634	113	185078	49.194	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.380%		
50) Toluene-d8	10.109	98	678908	47.435	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.860%		
62) 4-Bromofluorobenzene	12.407	95	189286	39.099	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	78.200%		

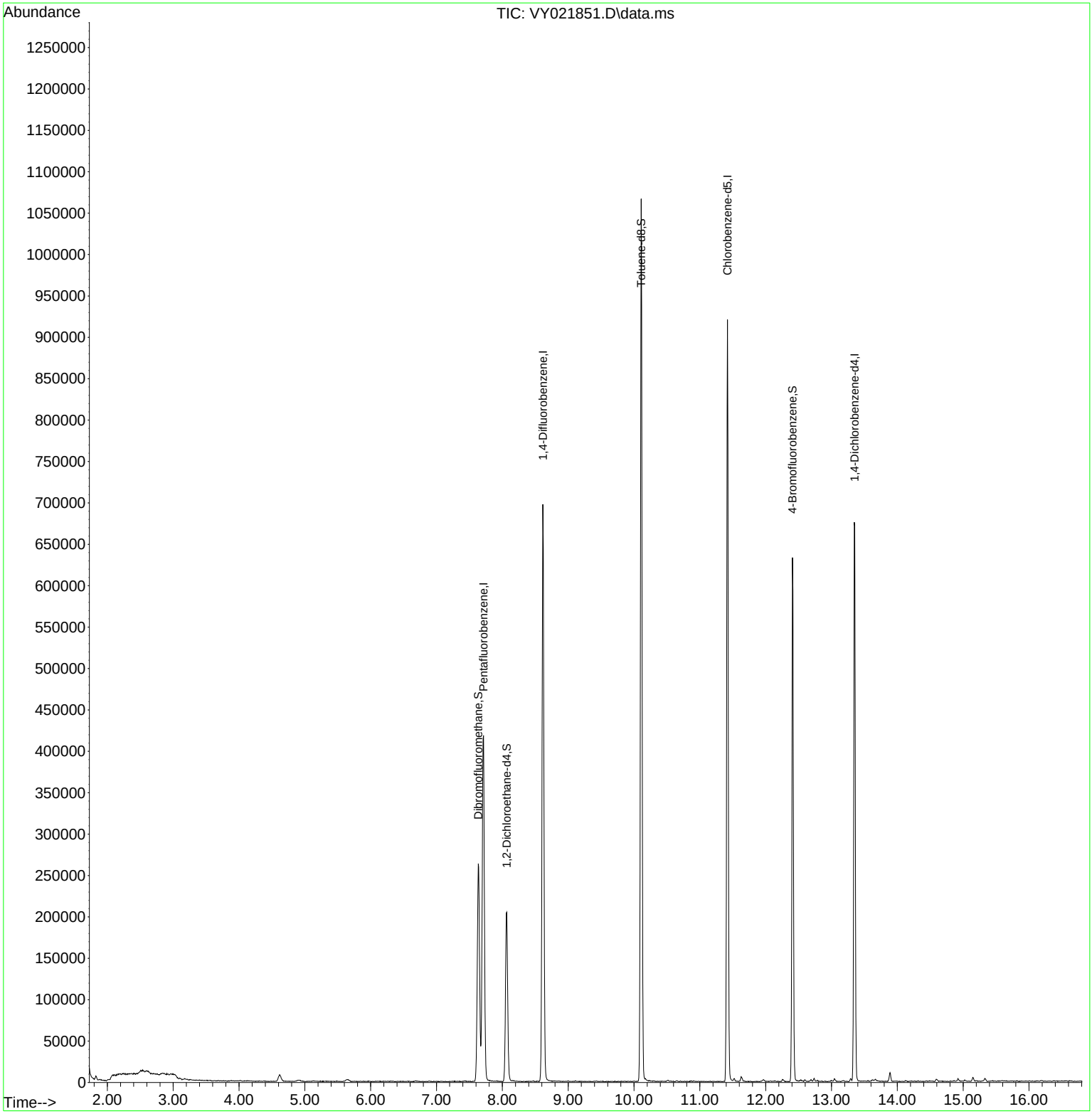
Target Compounds Qvalue

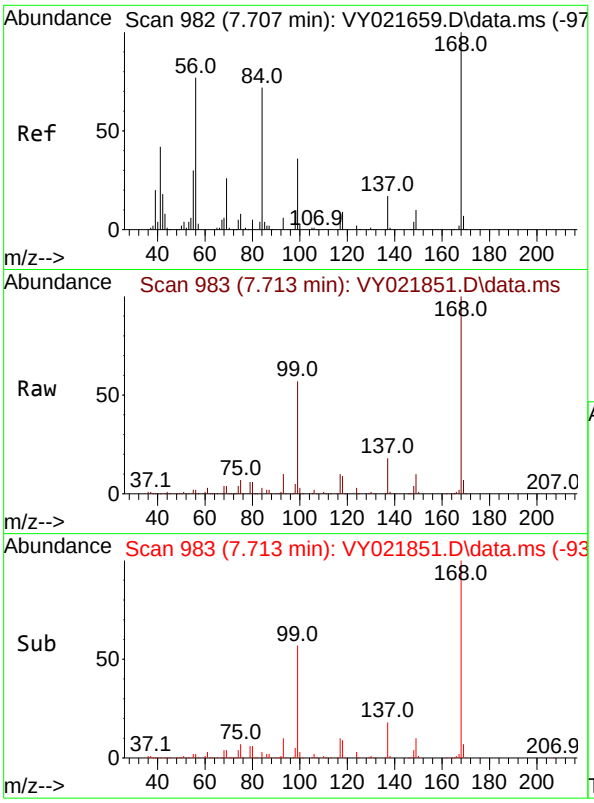
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021851.D
Acq On : 11 Apr 2025 11:35
Operator : SY/MD
Sample : VY0411SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

Quant Time: Apr 12 02:45:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration



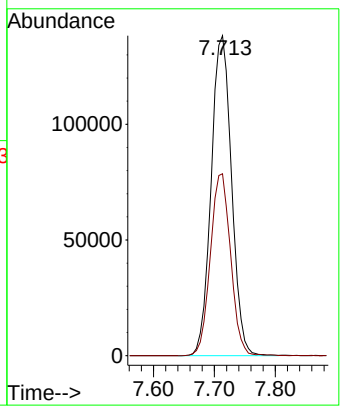


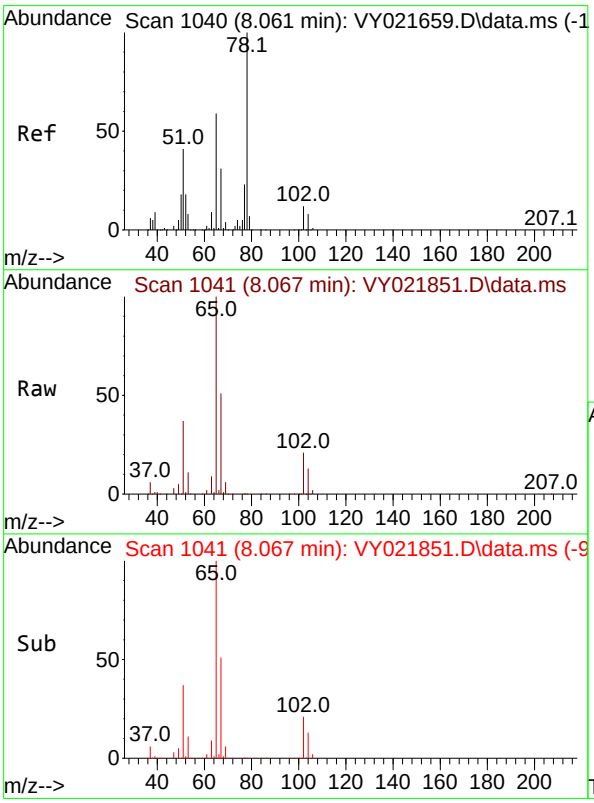
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021851.D
Acq: 11 Apr 2025 11:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

Tgt Ion:168 Resp: 321354

Ion	Ratio	Lower	Upper
168	100		
99	56.8	46.7	70.1

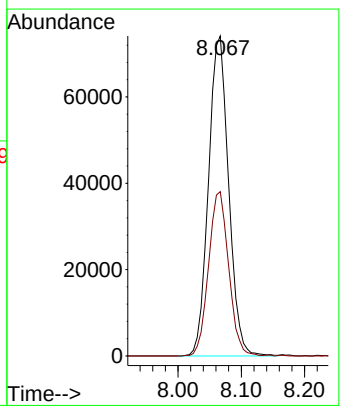


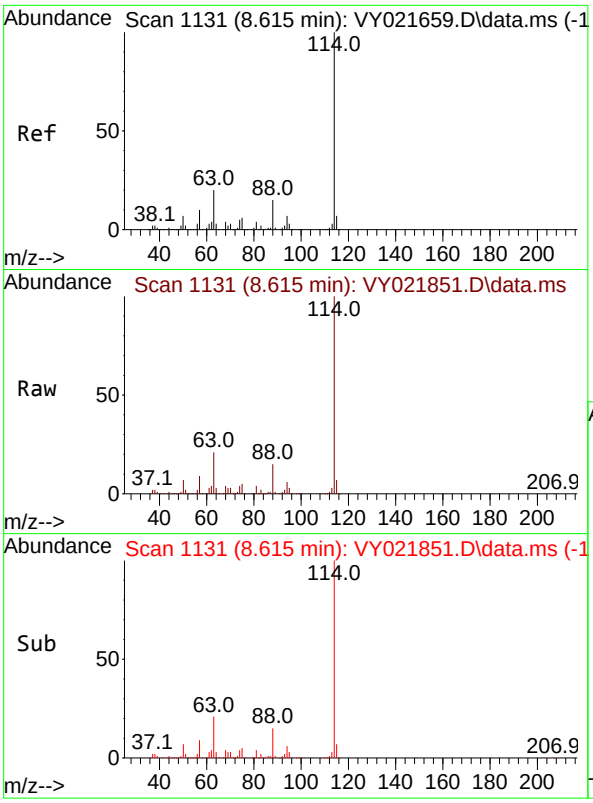


#33
1,2-Dichloroethane-d4
Concen: 47.044 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY021851.D
Acq: 11 Apr 2025 11:35

Tgt Ion: 65 Resp: 163798

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.6



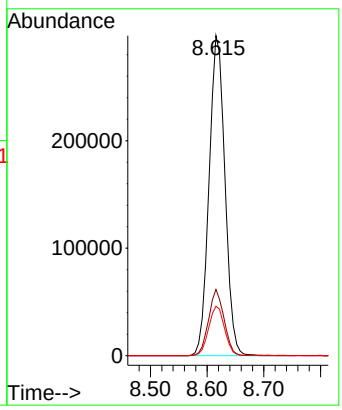


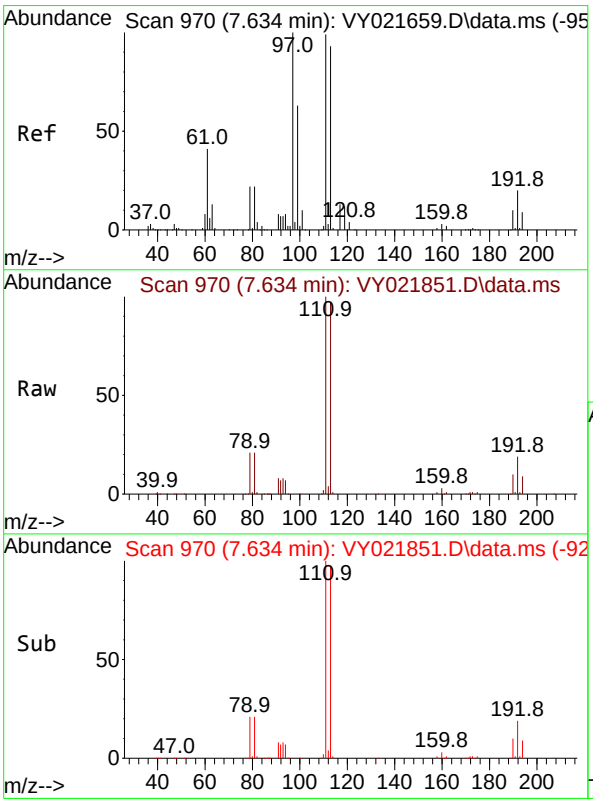
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021851.D
Acq: 11 Apr 2025 11:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

Tgt Ion:114 Resp: 579974

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.2
88	15.5	0.0	29.8

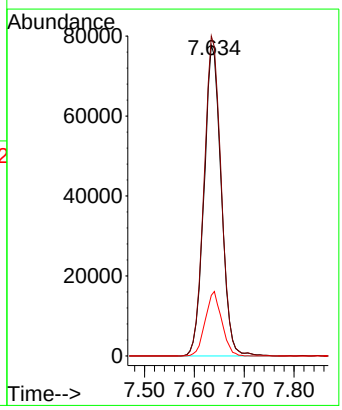


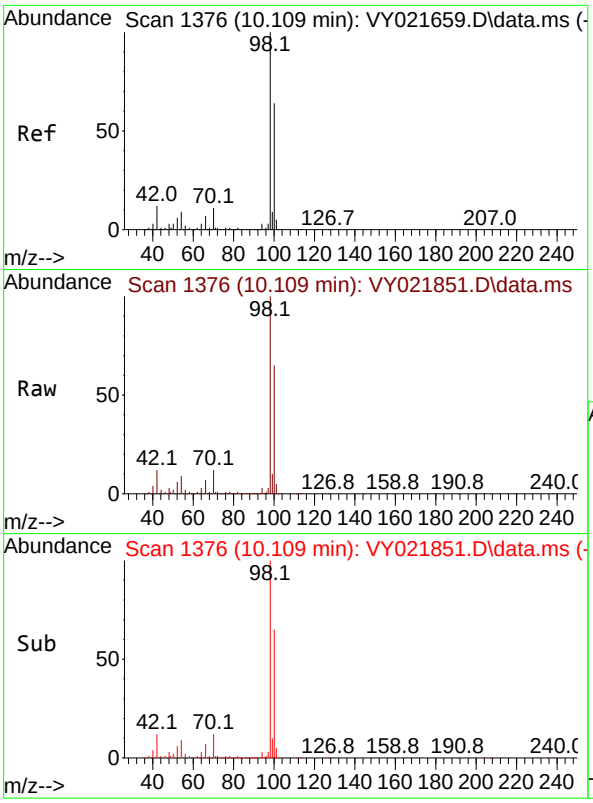


#35
Dibromofluoromethane
Concen: 49.194 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021851.D
Acq: 11 Apr 2025 11:35

Tgt Ion:113 Resp: 185078

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	20.0	16.2	24.4



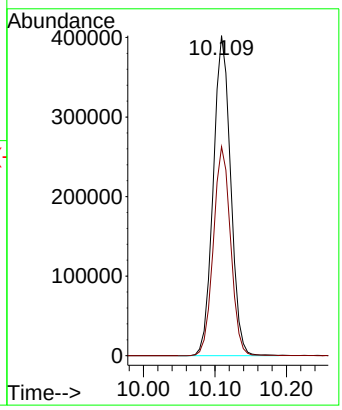


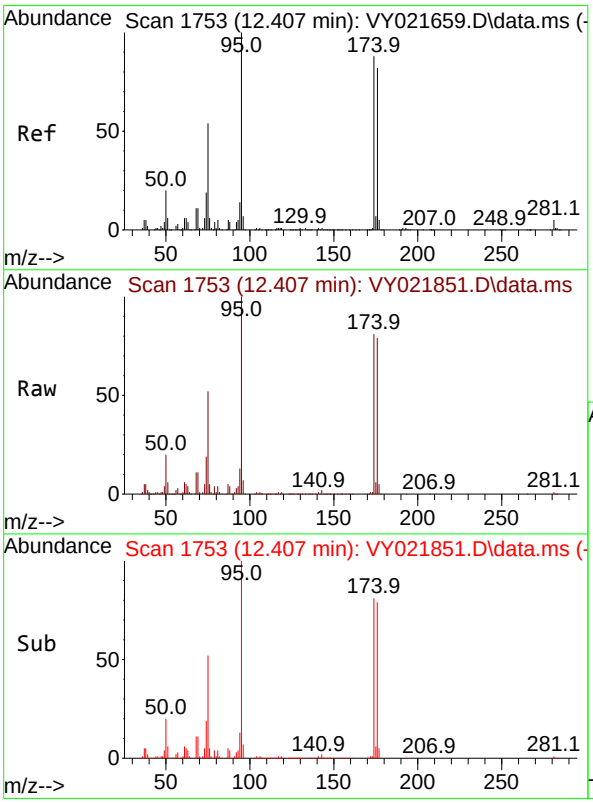
#50
Toluene-d8
Concen: 47.435 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021851.D
Acq: 11 Apr 2025 11:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

Tgt Ion: 98 Resp: 678908

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.1	78.1

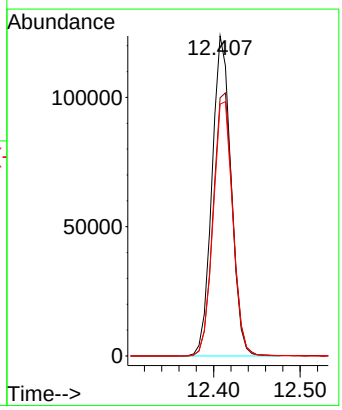


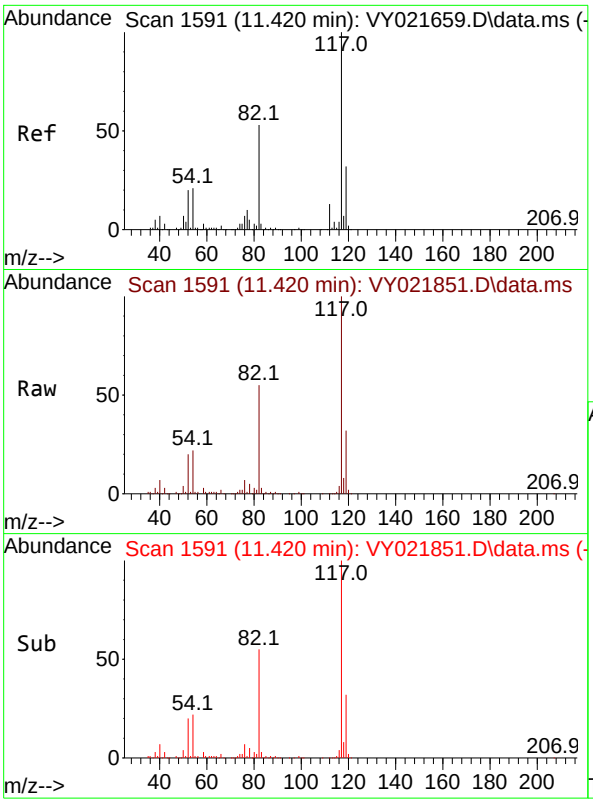


#62
4-Bromofluorobenzene
Concen: 39.099 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021851.D
Acq: 11 Apr 2025 11:35

Tgt Ion: 95 Resp: 189286

Ion	Ratio	Lower	Upper
95	100		
174	84.8	0.0	170.8
176	81.7	0.0	162.0



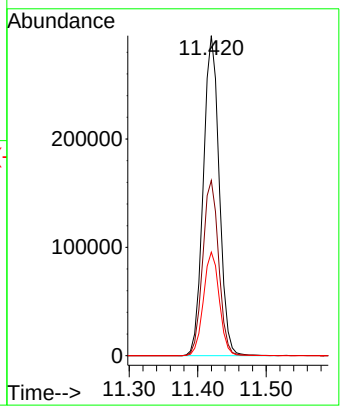


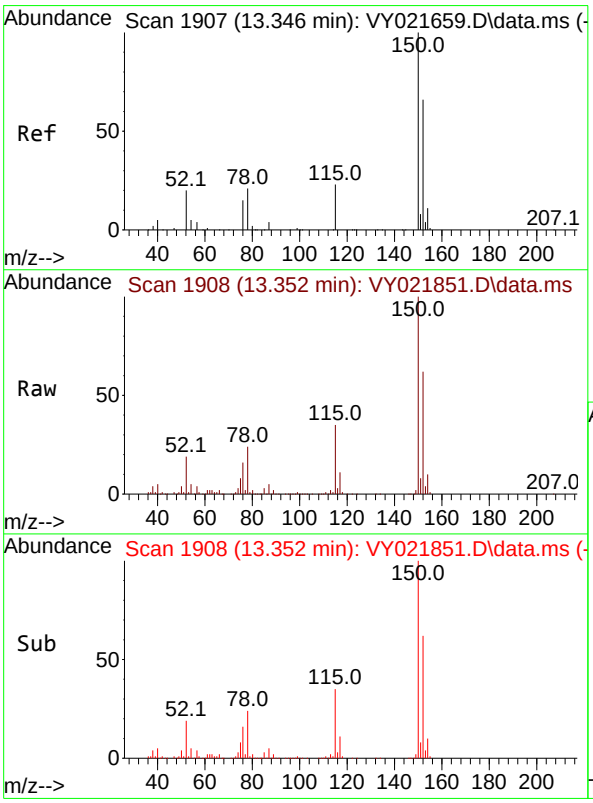
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021851.D
Acq: 11 Apr 2025 11:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

Tgt Ion:117 Resp: 477999

Ion	Ratio	Lower	Upper
117	100		
82	54.8	42.8	64.2
119	32.3	25.7	38.5

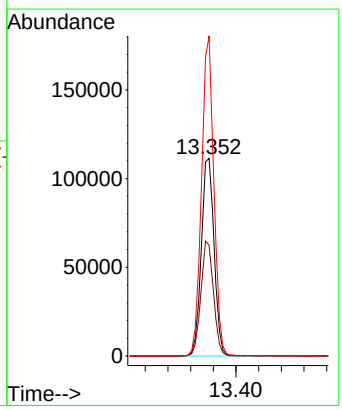




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY021851.D
Acq: 11 Apr 2025 11:35

Tgt Ion:152 Resp: 174550

Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.8	86.5
150	155.5	0.0	348.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021851.D
Acq On : 11 Apr 2025 11:35
Operator : SY/MD
Sample : VY0411SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

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_Y\methods\82Y032725S.M
Title : SW846 8260

Signal : TIC: VY021851.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	% max.	% of total
1	4.616	466	475	485	rBV4	8002	23227	1.29%	0.265%
2	7.634	961	970	976	rBV	262818	621888	34.48%	7.084%
3	7.713	976	983	994	rVB	416671	967826	53.66%	11.024%
4	8.067	1030	1041	1052	rBV	204614	464921	25.78%	5.296%
5	8.615	1121	1131	1145	rBV	697303	1360201	75.42%	15.493%
6	10.109	1368	1376	1385	rBV	1065866	1803588	100.00%	20.544%
7	11.420	1583	1591	1603	rBV	920013	1490961	82.67%	16.983%
8	12.407	1746	1753	1763	rBV	632880	985592	54.65%	11.226%
9	13.346	1901	1907	1918	rVB	674977	1061129	58.83%	12.087%

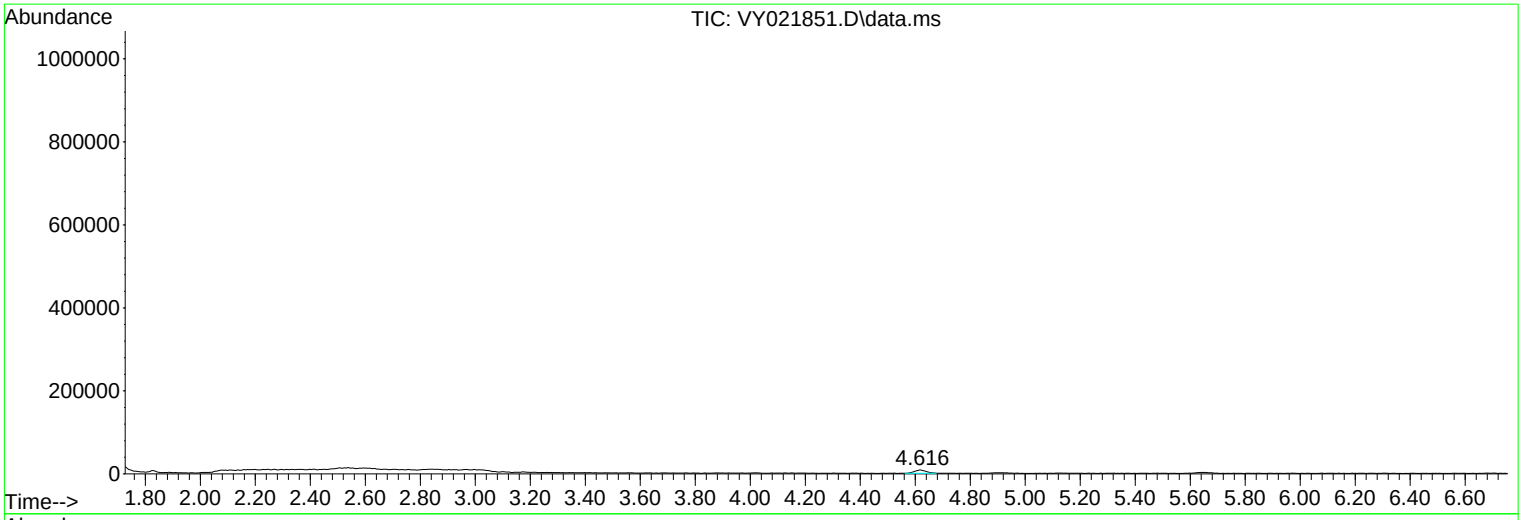
Sum of corrected areas: 8779333

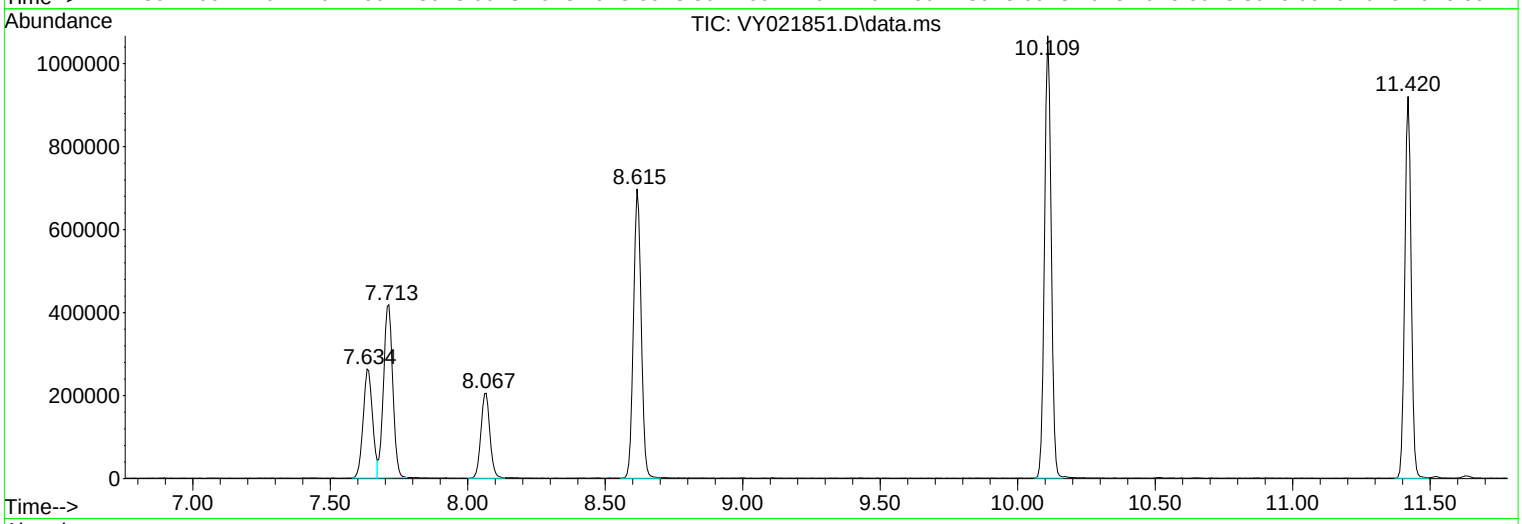
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021851.D
Acq On : 11 Apr 2025 11:35
Operator : SY/MD
Sample : VY0411SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

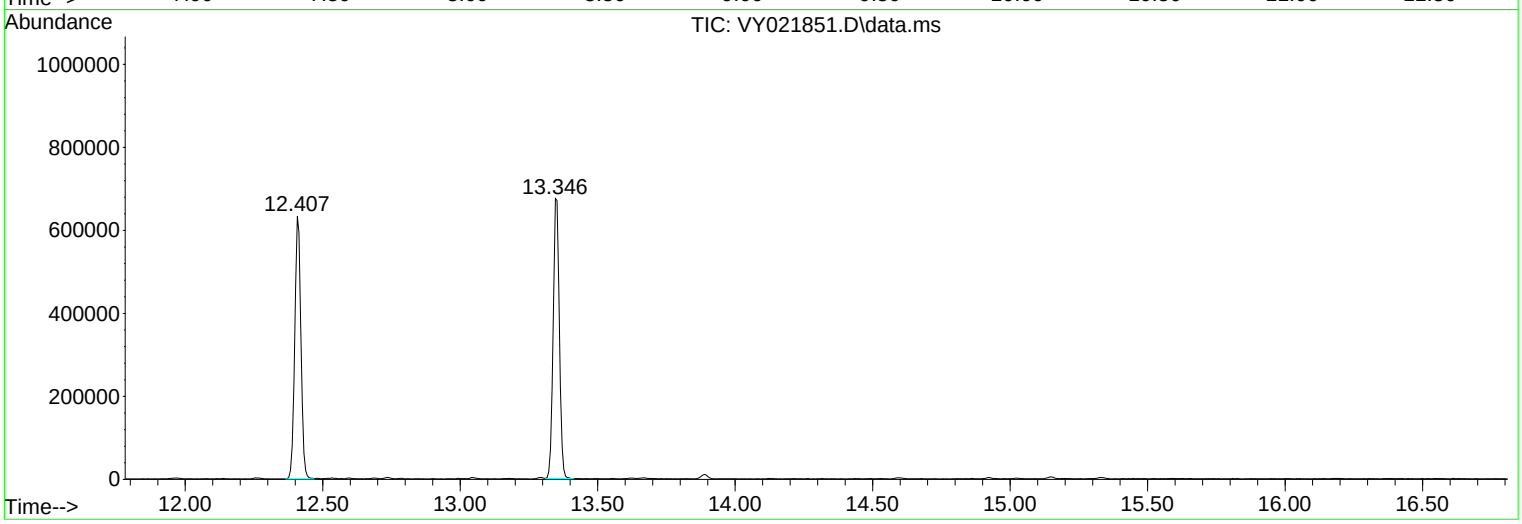
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021851.D
Acq On : 11 Apr 2025 11:35
Operator : SY/MD
Sample : VY0411SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021851.D
Acq On : 11 Apr 2025 11:35
Operator : SY/MD
Sample : VY0411SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.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_Y\Data\VY041125\
Data File : VY021852.D
Acq On : 11 Apr 2025 12:06
Operator : SY/MD
Sample : VY0411SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 12 02:46:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	261639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	412441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	367570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	190311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148170	52.269	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.540%			
35) Dibromofluoromethane	7.634	113	142257	53.172	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.340%			
50) Toluene-d8	10.109	98	547864	53.827	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.660%			
62) 4-Bromofluorobenzene	12.408	95	190322	55.282	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	47931	17.675	ug/l	100
3) Chloromethane	2.068	50	66874	17.537	ug/l	96
4) Vinyl Chloride	2.202	62	73984	17.156	ug/l	100
5) Bromomethane	2.592	94	55650	18.921	ug/l	92
6) Chloroethane	2.733	64	50881	18.031	ug/l	97
7) Trichlorofluoromethane	3.056	101	102701	18.591	ug/l	99
8) Diethyl Ether	3.458	74	29060	19.344	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	56995	19.562	ug/l	99
10) Methyl Iodide	4.007	142	65715	20.559	ug/l	99
11) Tert butyl alcohol	4.866	59	17296	93.935	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	52342	19.073	ug/l	97
13) Acrolein	3.653	56	17310	51.486	ug/l	98
14) Allyl chloride	4.385	41	81064	18.526	ug/l	98
15) Acrylonitrile	5.061	53	60829	96.976	ug/l	100
16) Acetone	3.879	43	58163	100.252	ug/l	97
17) Carbon Disulfide	4.104	76	157086	17.379	ug/l	99
18) Methyl Acetate	4.391	43	29819	20.738	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	135524	19.835	ug/l	98
20) Methylene Chloride	4.610	84	63577	20.080	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	57161	18.917	ug/l	95
22) Diisopropyl ether	6.019	45	177421	19.329	ug/l	99
23) Vinyl Acetate	5.964	43	503378	93.744	ug/l	97
24) 1,1-Dichloroethane	5.915	63	107900	19.659	ug/l	99
25) 2-Butanone	6.896	43	78937	95.259	ug/l	100
26) 2,2-Dichloropropane	6.890	77	95824	19.627	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	67782	19.948	ug/l	97
28) Bromochloromethane	7.244	49	45578	19.691	ug/l	95
29) Tetrahydrofuran	7.262	42	49850	93.472	ug/l	97
30) Chloroform	7.421	83	112631	19.730	ug/l	96
31) Cyclohexane	7.701	56	89585	17.905	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	100880	19.552	ug/l	99
36) 1,1-Dichloropropene	7.835	75	77267	18.961	ug/l	98
37) Ethyl Acetate	6.988	43	36325	18.888	ug/l	100
38) Carbon Tetrachloride	7.817	117	91970	19.705	ug/l	99
39) Methylcyclohexane	9.109	83	91679	18.832	ug/l	98
40) Benzene	8.079	78	240011	19.667	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021852.D
Acq On : 11 Apr 2025 12:06
Operator : SY/MD
Sample : VY0411SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 12 02:46:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	19246m	18.843	ug/l		
42) 1,2-Dichloroethane	8.158	62	68214	19.827	ug/l		99
43) Isopropyl Acetate	8.201	43	69884	19.174	ug/l	#	85
44) Trichloroethene	8.866	130	61686	19.838	ug/l		94
45) 1,2-Dichloropropane	9.140	63	56361	19.511	ug/l		98
46) Dibromomethane	9.231	93	31831	19.119	ug/l		97
47) Bromodichloromethane	9.426	83	86291	20.003	ug/l		97
48) Methyl methacrylate	9.219	41	31606	18.895	ug/l		98
49) 1,4-Dioxane	9.237	88	7141	400.396	ug/l		98
51) 4-Methyl-2-Pentanone	10.000	43	184332	97.188	ug/l		100
52) Toluene	10.170	92	152947	20.087	ug/l		98
53) t-1,3-Dichloropropene	10.396	75	74193	19.363	ug/l		98
54) cis-1,3-Dichloropropene	9.859	75	89915	19.891	ug/l		96
55) 1,1,2-Trichloroethane	10.573	97	43135	20.133	ug/l		96
56) Ethyl methacrylate	10.438	69	53948	19.720	ug/l		97
57) 1,3-Dichloropropane	10.719	76	75191	20.321	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	136203	102.058	ug/l		98
59) 2-Hexanone	10.762	43	122817	97.231	ug/l		100
60) Dibromochloromethane	10.914	129	59311	20.276	ug/l		99
61) 1,2-Dibromoethane	11.018	107	41010	20.405	ug/l		99
64) Tetrachloroethene	10.646	164	73872	22.066	ug/l		98
65) Chlorobenzene	11.444	112	166748	19.790	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.518	131	59523	19.911	ug/l		98
67) Ethyl Benzene	11.518	91	281537	19.485	ug/l		100
68) m/p-Xylenes	11.627	106	218365	39.468	ug/l		99
69) o-Xylene	11.957	106	102058	19.983	ug/l		99
70) Styrene	11.969	104	168475	19.785	ug/l		99
71) Bromoform	12.133	173	34728	20.365	ug/l	#	99
73) Isopropylbenzene	12.255	105	267864	18.950	ug/l		99
74) N-amyl acetate	12.072	43	60183	18.142	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	45580	17.935	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	38417m	20.364	ug/l		
77) Bromobenzene	12.536	156	65230	19.220	ug/l		99
78) n-propylbenzene	12.597	91	326537	19.215	ug/l		100
79) 2-Chlorotoluene	12.682	91	186879	18.933	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	224041	19.393	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	14546	17.767	ug/l		99
82) 4-Chlorotoluene	12.780	91	195026	18.953	ug/l		98
83) tert-Butylbenzene	12.999	119	193537	18.809	ug/l		100
84) 1,2,4-Trimethylbenzene	13.048	105	225265	19.729	ug/l		99
85) sec-Butylbenzene	13.176	105	288462	19.183	ug/l		99
86) p-Isopropyltoluene	13.292	119	240050	19.314	ug/l		100
87) 1,3-Dichlorobenzene	13.292	146	129499	19.367	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	128644	19.473	ug/l		96
89) n-Butylbenzene	13.621	91	215648	18.762	ug/l		100
90) Hexachloroethane	13.883	117	51012	18.730	ug/l		96
91) 1,2-Dichlorobenzene	13.657	146	117128	20.123	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8235	20.907	ug/l		93
93) 1,2,4-Trichlorobenzene	14.919	180	66752	21.147	ug/l		99
94) Hexachlorobutadiene	15.023	225	41048	20.822	ug/l		99
95) Naphthalene	15.145	128	108783	20.792	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	57607	21.402	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021852.D
Acq On : 11 Apr 2025 12:06
Operator : SY/MD
Sample : VY0411SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 12 02:46:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

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

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

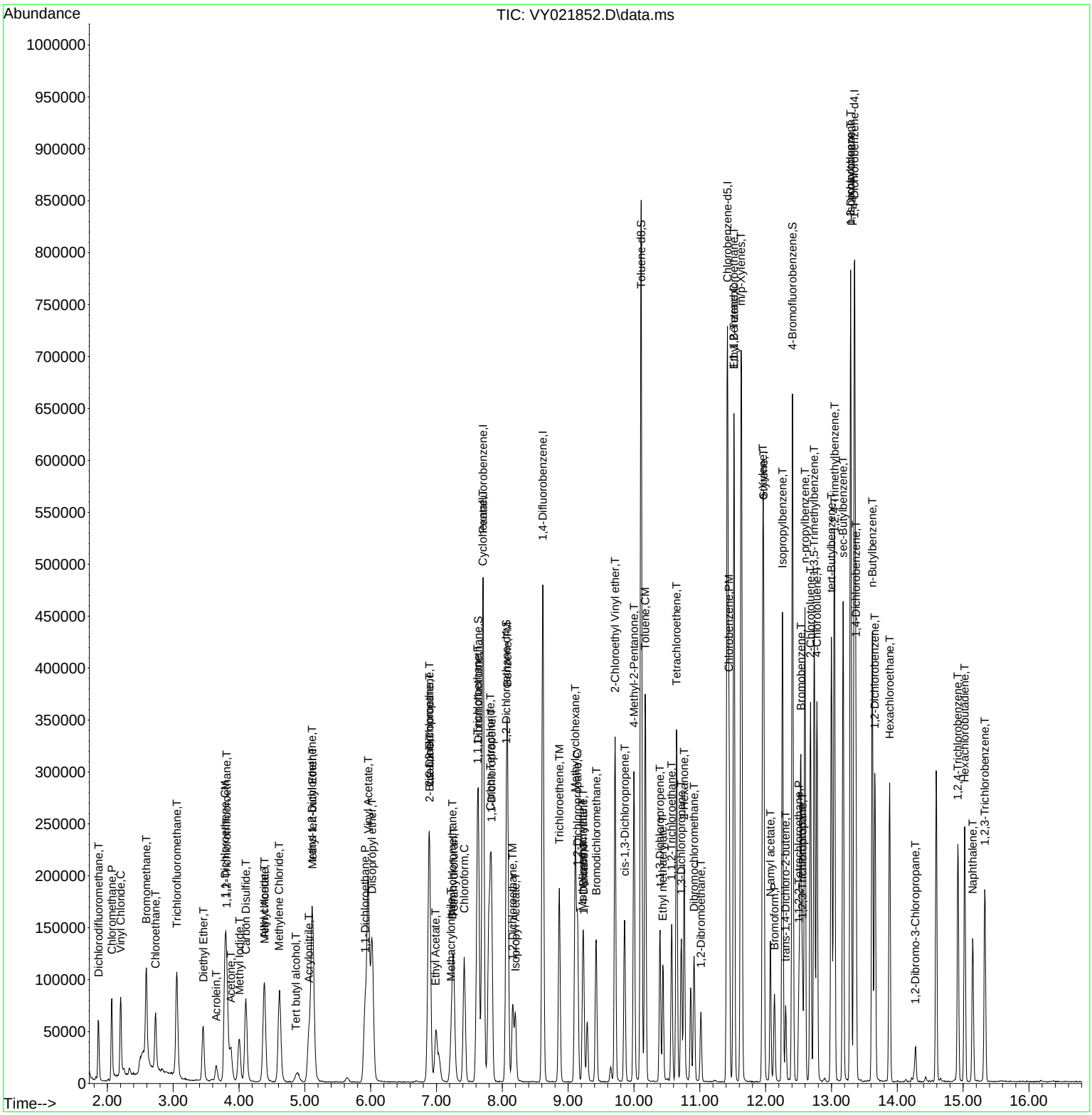
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021852.D
Acq On : 11 Apr 2025 12:06
Operator : SY/MD
Sample : VY0411SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 12 02:46:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021853.D
Acq On : 11 Apr 2025 12:28
Operator : SY/MD
Sample : VY0411SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 12 02:47:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	261813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	409914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	362626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	188335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143603	50.624	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.240%			
35) Dibromofluoromethane	7.634	113	143350	53.910	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.820%			
50) Toluene-d8	10.103	98	537312	53.116	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.240%			
62) 4-Bromofluorobenzene	12.408	95	186390	54.474	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	49656	18.299	ug/l	99
3) Chloromethane	2.068	50	62767	16.449	ug/l	97
4) Vinyl Chloride	2.202	62	73201	16.963	ug/l	97
5) Bromomethane	2.592	94	51528	17.508	ug/l	100
6) Chloroethane	2.733	64	48298	17.104	ug/l	99
7) Trichlorofluoromethane	3.056	101	104991	18.993	ug/l	98
8) Diethyl Ether	3.458	74	29054	19.327	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	56846	19.498	ug/l	96
10) Methyl Iodide	4.001	142	67929	21.238	ug/l	99
11) Tert butyl alcohol	4.866	59	16952	92.006	ug/l #	90
12) 1,1-Dichloroethene	3.787	96	54499	19.846	ug/l	94
13) Acrolein	3.647	56	15884	47.214	ug/l	99
14) Allyl chloride	4.379	41	82696	18.887	ug/l	98
15) Acrylonitrile	5.061	53	59158	94.249	ug/l	99
16) Acetone	3.873	43	49207	84.759	ug/l	95
17) Carbon Disulfide	4.104	76	162030	17.914	ug/l	97
18) Methyl Acetate	4.379	43	31345	21.785	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	133728	19.559	ug/l	97
20) Methylene Chloride	4.610	84	64347	20.358	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	58865	19.468	ug/l	97
22) Diisopropyl ether	6.019	45	182652	19.886	ug/l	98
23) Vinyl Acetate	5.958	43	498605	92.794	ug/l	98
24) 1,1-Dichloroethane	5.915	63	109510	19.939	ug/l	98
25) 2-Butanone	6.890	43	75132	90.607	ug/l	98
26) 2,2-Dichloropropane	6.884	77	97186	19.893	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	68636	20.185	ug/l	96
28) Bromochloromethane	7.238	49	41634	17.975	ug/l	92
29) Tetrahydrofuran	7.262	42	49127	92.055	ug/l	98
30) Chloroform	7.421	83	114067	19.968	ug/l	98
31) Cyclohexane	7.701	56	91074	18.191	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	103851	20.115	ug/l	98
36) 1,1-Dichloropropene	7.835	75	78621	19.412	ug/l	98
37) Ethyl Acetate	6.982	43	35272	18.453	ug/l	98
38) Carbon Tetrachloride	7.817	117	93678	20.194	ug/l	97
39) Methylcyclohexane	9.110	83	92467	19.111	ug/l	98
40) Benzene	8.079	78	246182	20.297	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021853.D
Acq On : 11 Apr 2025 12:28
Operator : SY/MD
Sample : VY0411SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 12 02:47:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	21263	20.947	ug/l	#	100
42) 1,2-Dichloroethane	8.158	62	66951	19.580	ug/l		100
43) Isopropyl Acetate	8.195	43	67897	18.744	ug/l		98
44) Trichloroethene	8.866	130	64547	20.886	ug/l		100
45) 1,2-Dichloropropane	9.140	63	57185	19.918	ug/l		94
46) Dibromomethane	9.231	93	33009	19.949	ug/l		99
47) Bromodichloromethane	9.420	83	85927	20.041	ug/l		99
48) Methyl methacrylate	9.219	41	32878	19.776	ug/l		98
49) 1,4-Dioxane	9.225	88	7355	414.937	ug/l		97
51) 4-Methyl-2-Pentanone	10.000	43	178028	94.443	ug/l		98
52) Toluene	10.170	92	155125	20.499	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	75693	19.876	ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	87863	19.557	ug/l		97
55) 1,1,2-Trichloroethane	10.573	97	43853	20.595	ug/l		98
56) Ethyl methacrylate	10.439	69	54410	20.012	ug/l		96
57) 1,3-Dichloropropane	10.719	76	73973	20.115	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.707	63	136529	102.933	ug/l		98
59) 2-Hexanone	10.762	43	117310	93.444	ug/l		99
60) Dibromochloromethane	10.908	129	59548	20.483	ug/l		99
61) 1,2-Dibromoethane	11.012	107	39785	19.918	ug/l		95
64) Tetrachloroethene	10.646	164	73897	22.375	ug/l		97
65) Chlorobenzene	11.444	112	169509	20.392	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	61208	20.753	ug/l		99
67) Ethyl Benzene	11.518	91	285855	20.054	ug/l		99
68) m/p-Xylenes	11.627	106	222848	40.827	ug/l		99
69) o-Xylene	11.957	106	103070	20.457	ug/l		100
70) Styrene	11.969	104	172929	20.585	ug/l		98
71) Bromoform	12.133	173	34263	20.366	ug/l	#	100
73) Isopropylbenzene	12.255	105	276145	19.741	ug/l		100
74) N-amyl acetate	12.072	43	57979	17.661	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.505	83	45218	17.980	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	35519m	19.026	ug/l		
77) Bromobenzene	12.530	156	66160	19.699	ug/l		97
78) n-propylbenzene	12.597	91	331933	19.738	ug/l		99
79) 2-Chlorotoluene	12.682	91	194696	19.932	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	227007	19.856	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	14585	18.001	ug/l		97
82) 4-Chlorotoluene	12.780	91	200035	19.643	ug/l		98
83) tert-Butylbenzene	12.999	119	201861	19.823	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	228682	20.238	ug/l		100
85) sec-Butylbenzene	13.176	105	294858	19.814	ug/l		98
86) p-Isopropyltoluene	13.292	119	249819	20.311	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	134109	20.267	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	131817	20.163	ug/l		98
89) n-Butylbenzene	13.615	91	224734	19.757	ug/l		99
90) Hexachloroethane	13.883	117	52557	19.500	ug/l		98
91) 1,2-Dichlorobenzene	13.657	146	115715	20.089	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7745	19.869	ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	68380	21.890	ug/l		99
94) Hexachlorobutadiene	15.023	225	43077	22.081	ug/l		99
95) Naphthalene	15.145	128	111977	21.627	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	59827	22.460	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021853.D
Acq On : 11 Apr 2025 12:28
Operator : SY/MD
Sample : VY0411SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 12 02:47:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

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

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

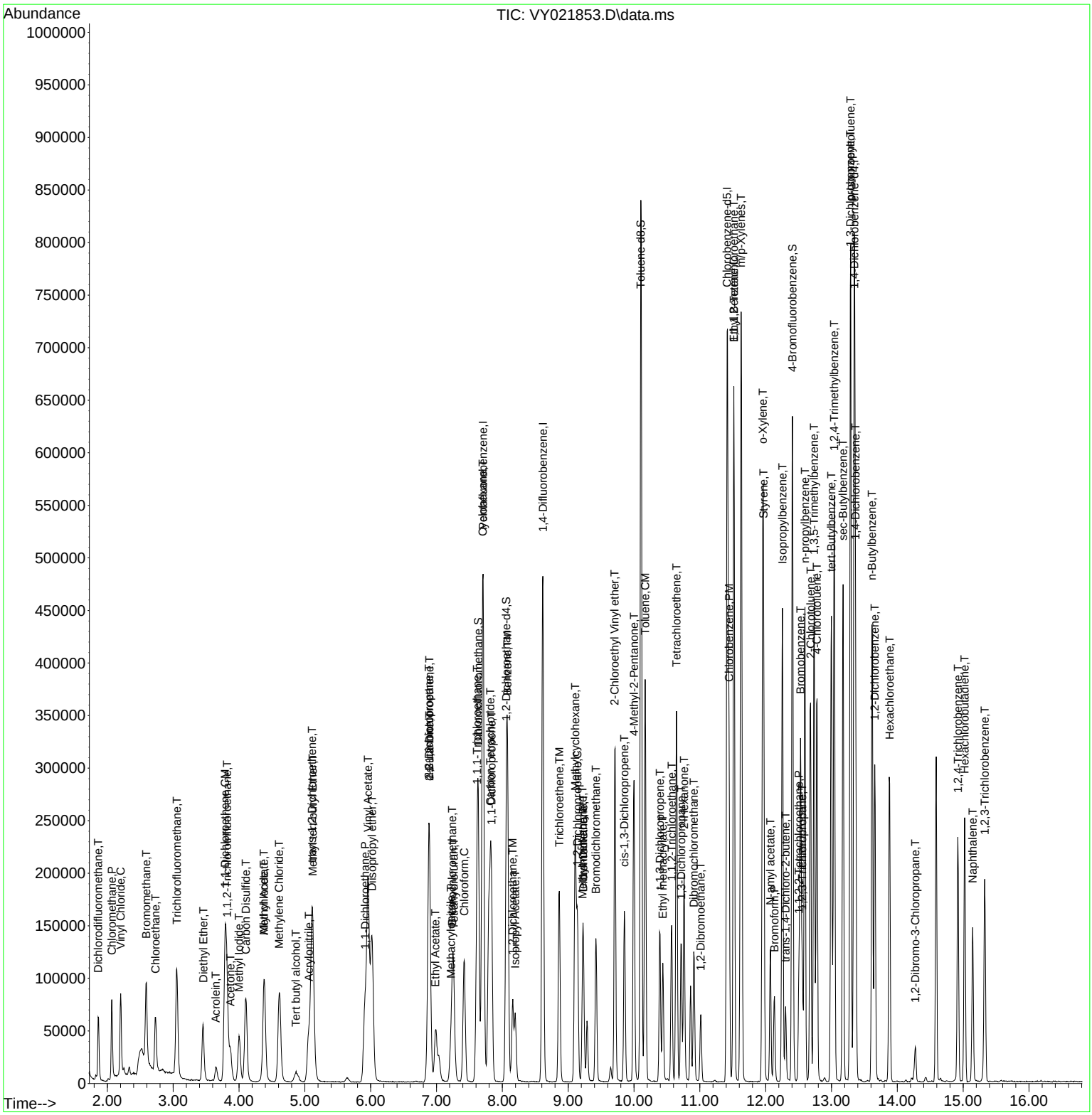
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021853.D
Acq On : 11 Apr 2025 12:28
Operator : SY/MD
Sample : VY0411SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 12 02:47:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



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Manual Integration Report

Sequence:	vy032725	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY021656.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:14:28 AM	MMDadoda	3/28/2025 9:32:34 AM	Peak Integrated by Software
VSTDICC005	VY021656.D	Methacrylonitrile	Romaben	3/28/2025 9:14:28 AM	MMDadoda	3/28/2025 9:32:34 AM	Peak Integrated by Software
VSTDICC010	VY021657.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:14:32 AM	MMDadoda	3/28/2025 9:32:37 AM	Peak Integrated by Software
VSTDICC010	VY021657.D	Methacrylonitrile	Romaben	3/28/2025 9:14:32 AM	MMDadoda	3/28/2025 9:32:37 AM	Peak Integrated by Software
VSTDICC020	VY021658.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:15:20 AM	MMDadoda	3/28/2025 9:32:41 AM	Peak Integrated by Software
VSTDICCC050	VY021659.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:14:38 AM	MMDadoda	3/28/2025 9:32:45 AM	Peak Integrated by Software
VSTDICCC050	VY021659.D	Methacrylonitrile	Romaben	3/28/2025 9:14:38 AM	MMDadoda	3/28/2025 9:32:45 AM	Peak Integrated by Software
VSTDICC100	VY021660.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:15:15 AM	MMDadoda	3/28/2025 9:32:49 AM	Peak Integrated by Software
VSTDICC150	VY021661.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:14:43 AM	MMDadoda	3/28/2025 9:32:53 AM	Peak Integrated by Software
VSTDICV050	VY021663.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:15:11 AM	MMDadoda	3/28/2025 9:32:04 AM	Peak Integrated by Software
VSTDCCC050	VY021680.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:14:58 AM	MMDadoda	3/28/2025 9:32:15 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY041125	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY021850.D	1,2,3-Trichloropropane	MMDadoda	4/14/2025 3:42:39 PM	SAM	4/14/2025 3:45:07 PM	Peak Integrated by Software
VY0411SBS01	VY021852.D	1,2,3-Trichloropropane	MMDadoda	4/14/2025 3:42:40 PM	SAM	4/14/2025 3:45:07 PM	Peak Integrated by Software
VY0411SBS01	VY021852.D	Methacrylonitrile	MMDadoda	4/14/2025 3:42:40 PM	SAM	4/14/2025 3:45:07 PM	Peak Integrated by Software
VY0411SBSD01	VY021853.D	1,2,3-Trichloropropane	MMDadoda	4/14/2025 3:42:42 PM	SAM	4/14/2025 3:45:08 PM	Peak Integrated by Software
VSTDCCC050	VY021863.D	1,2,3-Trichloropropane	MMDadoda	4/14/2025 3:42:44 PM	SAM	4/14/2025 3:45:09 PM	Peak Integrated by Software

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY032725

Review By	Mahesh Dadoda	Review On	3/28/2025 3:29:57 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/28/2025 3:30:48 PM		
SubDirectory	VY032725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y032725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133499
Initial Calibration Stds	VP133500,VP133501,VP133502,VP133503,VP133505,VP133508
CCC	VP133510
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133509
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021655.D	27 Mar 2025 09:23	SY/MD	Ok
2	VSTDICC005	VY021656.D	27 Mar 2025 10:08	SY/MD	Ok,M
3	VSTDICC010	VY021657.D	27 Mar 2025 10:31	SY/MD	Ok,M
4	VSTDICC020	VY021658.D	27 Mar 2025 10:54	SY/MD	Ok,M
5	VSTDICCC050	VY021659.D	27 Mar 2025 11:16	SY/MD	Ok,M
6	VSTDICC100	VY021660.D	27 Mar 2025 11:39	SY/MD	Ok,M
7	VSTDICC150	VY021661.D	27 Mar 2025 12:02	SY/MD	Ok,M
8	VIBLK	VY021662.D	27 Mar 2025 12:35	SY/MD	Ok
9	VSTDICV050	VY021663.D	27 Mar 2025 13:15	SY/MD	Ok,M
10	VY0327SBL01	VY021664.D	27 Mar 2025 13:59	SY/MD	Ok
11	VY0327SBS01	VY021665.D	27 Mar 2025 14:38	SY/MD	Ok,M
12	VY0327SBSD01	VY021666.D	27 Mar 2025 15:00	SY/MD	Ok,M
13	Q1661-02	VY021667.D	27 Mar 2025 15:24	SY/MD	Not Ok
14	Q1645-03RE	VY021668.D	27 Mar 2025 15:48	SY/MD	Confirms
15	Q1662-03	VY021669.D	27 Mar 2025 16:11	SY/MD	Not Ok
16	Q1662-07	VY021670.D	27 Mar 2025 16:35	SY/MD	ReRun
17	Q1661-02	VY021671.D	27 Mar 2025 16:58	SY/MD	Not Ok
18	Q1650-02	VY021672.D	27 Mar 2025 17:21	SY/MD	Not Ok
19	Q1654-01	VY021673.D	27 Mar 2025 17:45	SY/MD	Ok
20	Q1656-01	VY021674.D	27 Mar 2025 18:08	SY/MD	Not Ok
21	Q1648-09	VY021675.D	27 Mar 2025 18:32	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY032725

Review By	Mahesh Dadoda	Review On	3/28/2025 3:29:57 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	3/28/2025 3:30:48 PM				
SubDirectory	VY032725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y032725s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133499
Initial Calibration Stds	VP133500,VP133501,VP133502,VP133503,VP133505,VP133508
CCC	VP133510
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133509
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1648-07	VY021676.D	27 Mar 2025 18:55	SY/MD	Ok
23	Q1648-05	VY021677.D	27 Mar 2025 19:19	SY/MD	Ok
24	Q1648-01	VY021678.D	27 Mar 2025 19:42	SY/MD	Ok
25	Q1648-03	VY021679.D	27 Mar 2025 20:05	SY/MD	Ok
26	VSTDCCC050	VY021680.D	27 Mar 2025 20:28	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY041125

Review By	Mahesh Dadoda	Review On	4/14/2025 3:42:48 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	4/14/2025 3:45:15 PM				
SubDirectory	VY041125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y032725s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133637
Initial Calibration Stds	
CCC	VP133638,VP133639
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021849.D	11 Apr 2025 08:46	SY/MD	Ok
2	VSTDCCC050	VY021850.D	11 Apr 2025 09:18	SY/MD	Ok,M
3	VY0411SBL01	VY021851.D	11 Apr 2025 11:35	SY/MD	Ok
4	VY0411SBS01	VY021852.D	11 Apr 2025 12:06	SY/MD	Ok,M
5	VY0411SBSD01	VY021853.D	11 Apr 2025 12:28	SY/MD	Ok,M
6	Q1756-03	VY021854.D	11 Apr 2025 13:10	SY/MD	ReRun
7	Q1761-01	VY021855.D	11 Apr 2025 13:33	SY/MD	Ok
8	Q1781-03	VY021856.D	11 Apr 2025 13:57	SY/MD	Ok
9	Q1781-07	VY021857.D	11 Apr 2025 14:20	SY/MD	Ok
10	Q1781-11	VY021858.D	11 Apr 2025 14:44	SY/MD	Ok
11	Q1768-01	VY021859.D	11 Apr 2025 15:07	SY/MD	ReRun
12	Q1779-07	VY021860.D	11 Apr 2025 15:31	SY/MD	Ok
13	Q1783-01	VY021861.D	11 Apr 2025 15:54	SY/MD	ReRun
14	Q1784-01	VY021862.D	11 Apr 2025 16:18	SY/MD	ReRun
15	VSTDCCC050	VY021863.D	11 Apr 2025 16:40	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY032725

Review By	Mahesh Dadoda	Review On	3/28/2025 3:29:57 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/28/2025 3:30:48 PM		
SubDirectory	VY032725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y032725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133499
Initial Calibration Stds	VP133500,VP133501,VP133502,VP133503,VP133505,VP133508
CCC	VP133510
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133509
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021655.D	27 Mar 2025 09:23		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY021656.D	27 Mar 2025 10:08		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY021657.D	27 Mar 2025 10:31		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY021658.D	27 Mar 2025 10:54	Comp.#20 is on Linear Regression	SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY021659.D	27 Mar 2025 11:16		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY021660.D	27 Mar 2025 11:39		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY021661.D	27 Mar 2025 12:02		SY/MD	Ok,M
8	VIBLK	VIBLK	VY021662.D	27 Mar 2025 12:35		SY/MD	Ok
9	VSTDICV050	ICVVY032725	VY021663.D	27 Mar 2025 13:15		SY/MD	Ok,M
10	VY0327SBL01	VY0327SBL01	VY021664.D	27 Mar 2025 13:59		SY/MD	Ok
11	VY0327SBS01	VY0327SBS01	VY021665.D	27 Mar 2025 14:38		SY/MD	Ok,M
12	VY0327SBSD01	VY0327SBSD01	VY021666.D	27 Mar 2025 15:00		SY/MD	Ok,M
13	Q1661-02	351	VY021667.D	27 Mar 2025 15:24	vial-B Not purge	SY/MD	Not Ok
14	Q1645-03RE	TP-4-VOCRE	VY021668.D	27 Mar 2025 15:48	vial-B Internal Standard Fail	SY/MD	Confirms
15	Q1662-03	TP-6-VOC	VY021669.D	27 Mar 2025 16:11	vial-A NOT PURGE	SY/MD	Not Ok
16	Q1662-07	TP-7-VOC	VY021670.D	27 Mar 2025 16:35	vial-A Internal Standard Fail	SY/MD	ReRun
17	Q1661-02	351	VY021671.D	27 Mar 2025 16:58	vial-A NOT PURGE	SY/MD	Not Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY032725

Review By	Mahesh Dadoda	Review On	3/28/2025 3:29:57 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/28/2025 3:30:48 PM		
SubDirectory	VY032725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y032725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133499
Initial Calibration Stds	VP133500,VP133501,VP133502,VP133503,VP133505,VP133508
CCC	VP133510
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133509
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q1650-02	STOCK-PILE-BIN2	VY021672.D	27 Mar 2025 17:21	vial-A NOT PURGE	SY/MD	Not Ok
19	Q1654-01	RT3407	VY021673.D	27 Mar 2025 17:45	vial-A Internal Standard Fail	SY/MD	Ok
20	Q1656-01	VNJ239	VY021674.D	27 Mar 2025 18:08	vial-A NOT PURGE	SY/MD	Not Ok
21	Q1648-09	TP-7	VY021675.D	27 Mar 2025 18:32	vial-A	SY/MD	Ok
22	Q1648-07	TP-6	VY021676.D	27 Mar 2025 18:55	vial-A	SY/MD	Ok
23	Q1648-05	TP-3	VY021677.D	27 Mar 2025 19:19	vial-A	SY/MD	Ok
24	Q1648-01	TP-4	VY021678.D	27 Mar 2025 19:42	vial-A	SY/MD	Ok
25	Q1648-03	TP-5	VY021679.D	27 Mar 2025 20:05	vial-A	SY/MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VY021680.D	27 Mar 2025 20:28		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY041125

Review By	Mahesh Dadoda	Review On	4/14/2025 3:42:48 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	4/14/2025 3:45:15 PM		
SubDirectory	VY041125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y032725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133637
Initial Calibration Stds	
CCC	VP133638,VP133639
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021849.D	11 Apr 2025 08:46		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY021850.D	11 Apr 2025 09:18		SY/MD	Ok,M
3	VY0411SBL01	VY0411SBL01	VY021851.D	11 Apr 2025 11:35		SY/MD	Ok
4	VY0411SBS01	VY0411SBS01	VY021852.D	11 Apr 2025 12:06		SY/MD	Ok,M
5	VY0411SBSD01	VY0411SBSD01	VY021853.D	11 Apr 2025 12:28		SY/MD	Ok,M
6	Q1756-03	TP-9-VOC	VY021854.D	11 Apr 2025 13:10	vial-A Internal Standard Fail ;Surrogate fail	SY/MD	ReRun
7	Q1761-01	GST3	VY021855.D	11 Apr 2025 13:33	vial-A	SY/MD	Ok
8	Q1781-03	WC-13-VOC	VY021856.D	11 Apr 2025 13:57	vial-A	SY/MD	Ok
9	Q1781-07	WC-12-VOC	VY021857.D	11 Apr 2025 14:20	vial-A	SY/MD	Ok
10	Q1781-11	WC-11-VOC	VY021858.D	11 Apr 2025 14:44	vial-A	SY/MD	Ok
11	Q1768-01	CRUSHED STONE	VY021859.D	11 Apr 2025 15:07	vial-A Internal Standard Fail ;Surrogate fail	SY/MD	ReRun
12	Q1779-07	TP-23-VOC	VY021860.D	11 Apr 2025 15:31	vial-A	SY/MD	Ok
13	Q1783-01	SU-03-41125	VY021861.D	11 Apr 2025 15:54	vial-A Internal Standard Fail	SY/MD	ReRun
14	Q1784-01	OR-01-41125	VY021862.D	11 Apr 2025 16:18	vial-A Internal Standard Fail	SY/MD	ReRun
15	VSTDCCC050	VSTDCCC050EC	VY021863.D	11 Apr 2025 16:40		SY/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q1761	**OrderDate:**	4/9/2025 2:47:00 PM
Client:	G Environmental	**Project:**	Stockton
Contact:	Gary Landis	**Location:**	L31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1761-01	**GST3**	**SOIL**			**04/08/25**			**04/09/25**
			VOC-TCLVOA-10	8260D			04/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1761

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
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Report of Analysis

Client:	G Environmental	Date Collected:	04/08/25
Project:	Stockton	Date Received:	04/09/25
Client Sample ID:	GST3	SDG No.:	Q1761
Lab Sample ID:	Q1761-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	78.6
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049896.D	1	04/10/25 08:55	04/11/25 11:41	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	28.8	U	28.8	220	ug/Kg
208-96-8	Acenaphthylene	36.7	U	36.7	220	ug/Kg
83-32-9	Acenaphthene	27.1	U	27.1	220	ug/Kg
86-73-7	Fluorene	32.1	U	32.1	220	ug/Kg
85-01-8	Phenanthrene	26.5	U	26.5	220	ug/Kg
120-12-7	Anthracene	42.3	U	42.3	220	ug/Kg
206-44-0	Fluoranthene	38.1	U	38.1	220	ug/Kg
129-00-0	Pyrene	45.7	U	45.7	220	ug/Kg
56-55-3	Benzo(a)anthracene	29.2	U	29.2	220	ug/Kg
218-01-9	Chrysene	25.3	U	25.3	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	24.1	U	24.1	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	28.5	U	28.5	220	ug/Kg
50-32-8	Benzo(a)pyrene	37.5	U	37.5	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37.0	U	37.0	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34.8	U	34.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32.6	U	32.6	220	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	121		30 (18) - 130 (112)	80%	SPK: 150
13127-88-3	Phenol-d6	120		30 (15) - 130 (107)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.3		30 (18) - 130 (107)	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.9		30 (20) - 130 (109)	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	133		30 (10) - 130 (116)	89%	SPK: 150
1718-51-0	Terphenyl-d14	95.5		30 (10) - 130 (105)	96%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	361000	7.775			
1146-65-2	Naphthalene-d8	1220000	10.569			
15067-26-2	Acenaphthene-d10	753000	14.416			
1517-22-2	Phenanthrene-d10	1390000	17.163			
1719-03-5	Chrysene-d12	1230000	21.398			

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Report of Analysis

Client:	G Environmental			Date Collected:	04/08/25
Project:	Stockton			Date Received:	04/09/25
Client Sample ID:	GST3			SDG No.:	Q1761
Lab Sample ID:	Q1761-01			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	78.6
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-PAH
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049896.D	1	04/10/25 08:55	04/11/25 11:41	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1520-96-3	Perylene-d12	1380000	24.391			

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

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

QC SUMMARY

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

SW-846

SDG No.: Q1761

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167544BL	PB167544BL	2-Fluorophenol	150	135	90		30 (18)	130 (112)
		Phenol-d6	150	132	88		30 (15)	130 (107)
		Nitrobenzene-d5	100	93.1	93		30 (18)	130 (107)
		2-Fluorobiphenyl	100	94.6	95		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	154	103		30 (10)	130 (116)
		Terphenyl-d14	100	121	121		30 (10)	130 (105)
PB167544BS	PB167544BS	2-Fluorophenol	150	133	88		30 (18)	130 (112)
		Phenol-d6	150	129	86		30 (15)	130 (107)
		Nitrobenzene-d5	100	88.9	89		30 (18)	130 (107)
		2-Fluorobiphenyl	100	90.9	91		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	142	95		30 (10)	130 (116)
		Terphenyl-d14	100	112	112		30 (10)	130 (105)
Q1761-01	GST3	2-Fluorophenol	150	121	80		30 (18)	130 (112)
		Phenol-d6	150	120	80		30 (15)	130 (107)
		Nitrobenzene-d5	100	83.3	83		30 (18)	130 (107)
		2-Fluorobiphenyl	100	83.9	84		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	133	89		30 (10)	130 (116)
		Terphenyl-d14	100	95.5	96		30 (10)	130 (105)
Q1761-01MS	GST3MS	2-Fluorophenol	150	112	75		30 (18)	130 (112)
		Phenol-d6	150	114	76		30 (15)	130 (107)
		Nitrobenzene-d5	100	72.6	73		30 (18)	130 (107)
		2-Fluorobiphenyl	100	72.7	73		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	122	82		30 (10)	130 (116)
		Terphenyl-d14	100	90.1	90		30 (10)	130 (105)
Q1761-01MSD	GST3MSD	2-Fluorophenol	150	112	75		30 (18)	130 (112)
		Phenol-d6	150	113	75		30 (15)	130 (107)
		Nitrobenzene-d5	100	74.0	74		30 (18)	130 (107)
		2-Fluorobiphenyl	100	73.9	74		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	119	79		30 (10)	130 (116)
		Terphenyl-d14	100	89.0	89		30 (10)	130 (105)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1761

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1761-01MS		**Client Sample ID:** GST3MS						**DataFile:** BM049897.D			
Naphthalene	2100	0	2000	ug/Kg	95				70 (72)	130 (110)	
Acenaphthylene	2100	0	2300	ug/Kg	110				70 (79)	130 (118)	
Acenaphthene	2100	0	2100	ug/Kg	100				70 (70)	130 (121)	
Fluorene	2100	0	2100	ug/Kg	100				70 (68)	130 (116)	
Phenanthrene	2100	0	2200	ug/Kg	105				70 (52)	130 (128)	
Anthracene	2100	0	2300	ug/Kg	110				70 (62)	130 (124)	
Fluoranthene	2100	0	2100	ug/Kg	100				70 (44)	130 (125)	
Pyrene	2100	0	2400	ug/Kg	114				70 (26)	130 (142)	
Benzo(a)anthracene	2100	0	2300	ug/Kg	110				70 (71)	130 (114)	
Chrysene	2100	0	2100	ug/Kg	100				70 (57)	130 (121)	
Benzo(b)fluoranthene	2100	0	2100	ug/Kg	100				70 (67)	130 (121)	
Benzo(k)fluoranthene	2100	0	2200	ug/Kg	105				70 (57)	130 (134)	
Benzo(a)pyrene	2100	0	2300	ug/Kg	110				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	2100	0	2200	ug/Kg	105				70 (40)	130 (129)	
Dibenz(a,h)anthracene	2100	0	2200	ug/Kg	105				70 (43)	130 (123)	
Benzo(g,h,i)perylene	2100	0	2100	ug/Kg	100				70 (24)	130 (125)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1761

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1761-01MSD		**Client Sample ID:** GST3MSD						**DataFile:** BM049898.D			
Naphthalene	2100	0	2000	ug/Kg	95		0		70 (72)	130 (110)	30 (20)
Acenaphthylene	2100	0	2300	ug/Kg	110		0		70 (79)	130 (118)	30 (20)
Acenaphthene	2100	0	2100	ug/Kg	100		0		70 (70)	130 (121)	30 (20)
Fluorene	2100	0	2100	ug/Kg	100		0		70 (68)	130 (116)	30 (20)
Phenanthrene	2100	0	2200	ug/Kg	105		0		70 (52)	130 (128)	30 (20)
Anthracene	2100	0	2200	ug/Kg	105		5		70 (62)	130 (124)	30 (20)
Fluoranthene	2100	0	2000	ug/Kg	95		5		70 (44)	130 (125)	30 (20)
Pyrene	2100	0	2400	ug/Kg	114		0		70 (26)	130 (142)	30 (20)
Benzo(a)anthracene	2100	0	2300	ug/Kg	110		0		70 (71)	130 (114)	30 (20)
Chrysene	2100	0	2200	ug/Kg	105		5		70 (57)	130 (121)	30 (20)
Benzo(b)fluoranthene	2100	0	2200	ug/Kg	105		5		70 (67)	130 (121)	30 (20)
Benzo(k)fluoranthene	2100	0	2200	ug/Kg	105		0		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	2100	0	2300	ug/Kg	110		0		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	2100	0	2300	ug/Kg	110		5		70 (40)	130 (129)	30 (20)
Dibenz(a,h)anthracene	2100	0	2200	ug/Kg	105		0		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	2100	0	2200	ug/Kg	105		5		70 (24)	130 (125)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1761

Client: G Environmental

Analytical Method: 8270E **DataFile:** BM049895.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167544BS	Naphthalene	1700	1500	ug/Kg	88				70 (62)	130 (100)	
	Acenaphthylene	1700	1700	ug/Kg	100				70 (63)	130 (101)	
	Acenaphthene	1700	1600	ug/Kg	94				70 (57)	130 (104)	
	Fluorene	1700	1600	ug/Kg	94				70 (61)	130 (101)	
	Phenanthrene	1700	1700	ug/Kg	100				70 (59)	130 (103)	
	Anthracene	1700	1700	ug/Kg	100				70 (61)	130 (105)	
	Fluoranthene	1700	1500	ug/Kg	88				70 (57)	130 (107)	
	Pyrene	1700	1800	ug/Kg	106				70 (59)	130 (103)	
	Benzo(a)anthracene	1700	1700	ug/Kg	100				70 (60)	130 (102)	
	Chrysene	1700	1600	ug/Kg	94				70 (59)	130 (101)	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				70 (62)	130 (109)	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				70 (62)	130 (109)	
	Benzo(a)pyrene	1700	1800	ug/Kg	106				70 (63)	130 (103)	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				70 (63)	130 (101)	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				70 (61)	130 (112)	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70 (70)	130 (108)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167544BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG NO.: Q1761

Lab File ID: BM049894.D Lab Sample ID: PB167544BL

Instrument ID: BNA_M Date Extracted: 04/10/2025

Matrix: (soil/water) SOIL Date Analyzed: 04/11/2025

Level: (low/med) LOW Time Analyzed: 10:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167544BS	PB167544BS	BM049895.D	04/11/2025
GST3	Q1761-01	BM049896.D	04/11/2025
GST3MS	Q1761-01MS	BM049897.D	04/11/2025
GST3MSD	Q1761-01MSD	BM049898.D	04/11/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q1761 SDG NO.: Q1761

Lab File ID: BM049847.D DFTPP Injection Date: 04/08/2025

Instrument ID: BNA_M DFTPP Injection Time: 12:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.1
68	Less than 2.0% of mass 69	0.3 (1.2) 1
69	Mass 69 relative abundance	26.5
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	34.9
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26.5
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	81.2
443	15.0 - 24.0% of mass 442	15.3 (18.8) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BM049848.D	04/08/2025	13:35
SSTDICC005	SSTDICC005	BM049849.D	04/08/2025	14:14
SSTDICC010	SSTDICC010	BM049850.D	04/08/2025	14:53
SSTDICC020	SSTDICC020	BM049851.D	04/08/2025	15:32
SSTDICCC040	SSTDICCC040	BM049852.D	04/08/2025	16:12
SSTDICC050	SSTDICC050	BM049853.D	04/08/2025	17:30
SSTDICC060	SSTDICC060	BM049854.D	04/08/2025	19:28
SSTDICC080	SSTDICC080	BM049855.D	04/08/2025	20:07

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q1761 SDG NO.: Q1761

Lab File ID: BM049892.D DFTPP Injection Date: 04/11/2025

Instrument ID: BNA_M DFTPP Injection Time: 08:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	18.1
68	Less than 2.0% of mass 69	0.3 (1.4) 1
69	Mass 69 relative abundance	22.3
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	30.3
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.4
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.3
442	Greater than 50% of mass 198	80.9
443	15.0 - 24.0% of mass 442	16 (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	BM049893.D	04/11/2025	09:37
PB167544BL	PB167544BL	BM049894.D	04/11/2025	10:17
PB167544BS	PB167544BS	BM049895.D	04/11/2025	10:56
GST3	Q1761-01	BM049896.D	04/11/2025	11:41
GST3MS	Q1761-01MS	BM049897.D	04/11/2025	12:20
GST3MSD	Q1761-01MSD	BM049898.D	04/11/2025	12:59

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG NO.: Q1761

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/11/2025

Lab File ID: BM049893.D Time Analyzed: 09:37

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	441251	7.775	1506250	10.58	949286	14.42
	UPPER LIMIT	882502	8.275	3012500	11.075	1898570	14.922
	LOWER LIMIT	220626	7.275	753125	10.075	474643	13.922
	EPA SAMPLE NO.						
01	PB167544BL	486554	7.78	1686210	10.57	1083670	14.42
02	PB167544BS	408732	7.78	1404610	10.57	877536	14.42
03	GST3	361301	7.78	1222540	10.57	753026	14.42
04	GST3MS	398038	7.78	1400230	10.57	921596	14.42
05	GST3MSD	400986	7.78	1382300	10.57	886995	14.42

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG NO.: Q1761

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/11/2025

Lab File ID: BM049893.D Time Analyzed: 09:37

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1809670	17.163	1670660	21.403	1828450	24.403
	UPPER LIMIT	3619340	17.663	3341320	21.903	3656900	24.903
	LOWER LIMIT	904835	16.663	835330	20.903	914225	23.903
	EPA SAMPLE NO.						
01	PB167544BL	2084350	17.16	1600250	21.40	1555140	24.40
02	PB167544BS	1626500	17.16	1335580	21.40	1358360	24.40
03	GST3	1392090	17.16	1231620	21.40	1380930	24.39
04	GST3MS	1779580	17.16	1521020	21.40	1498760	24.39
05	GST3MSD	1654150	17.16	1374180	21.40	1418230	24.40

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

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

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

QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Stockton			Date Received:	
Client Sample ID:	PB167544BL			SDG No.:	Q1761
Lab Sample ID:	PB167544BL			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-PAH
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049894.D	1	04/10/25 08:55	04/11/25 10:17	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	135		30 (18) - 130 (112)	90%	SPK: 150
13127-88-3	Phenol-d6	132		30 (15) - 130 (107)	88%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.1		30 (18) - 130 (107)	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.6		30 (20) - 130 (109)	95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	154		30 (10) - 130 (116)	103%	SPK: 150
1718-51-0	Terphenyl-d14	121		30 (10) - 130 (105)	121%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	487000	7.775			
1146-65-2	Naphthalene-d8	1690000	10.569			
15067-26-2	Acenaphthene-d10	1080000	14.416			
1517-22-2	Phenanthrene-d10	2080000	17.163			
1719-03-5	Chrysene-d12	1600000	21.398			

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Stockton			Date Received:	
Client Sample ID:	PB167544BL			SDG No.:	Q1761
Lab Sample ID:	PB167544BL			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-PAH
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049894.D	1	04/10/25 08:55	04/11/25 10:17	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1520-96-3	Perylene-d12	1560000	24.397			

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

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Stockton			Date Received:	
Client Sample ID:	PB167544BS			SDG No.:	Q1761
Lab Sample ID:	PB167544BS			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-PAH
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049895.D	1	04/10/25 08:55	04/11/25 10:56	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
208-96-8	Acenaphthylene	1700		28.9	170	ug/Kg
83-32-9	Acenaphthene	1600		21.3	170	ug/Kg
86-73-7	Fluorene	1600		25.3	170	ug/Kg
85-01-8	Phenanthrene	1700		20.9	170	ug/Kg
120-12-7	Anthracene	1700		33.3	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1800		36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	1700		23.0	170	ug/Kg
218-01-9	Chrysene	1600		19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	133		30 (18) - 130 (112)	88%	SPK: 150
13127-88-3	Phenol-d6	129		30 (15) - 130 (107)	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.9		30 (18) - 130 (107)	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.9		30 (20) - 130 (109)	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		30 (10) - 130 (116)	95%	SPK: 150
1718-51-0	Terphenyl-d14	112		30 (10) - 130 (105)	112%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	409000	7.775			
1146-65-2	Naphthalene-d8	1400000	10.569			
15067-26-2	Acenaphthene-d10	878000	14.422			
1517-22-2	Phenanthrene-d10	1630000	17.163			
1719-03-5	Chrysene-d12	1340000	21.398			

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Stockton			Date Received:	
Client Sample ID:	PB167544BS			SDG No.:	Q1761
Lab Sample ID:	PB167544BS			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-PAH
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049895.D	1	04/10/25 08:55	04/11/25 10:56	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1520-96-3	Perylene-d12	1360000	24.397			

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
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D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	04/08/25
Project:	Stockton	Date Received:	04/09/25
Client Sample ID:	GST3MS	SDG No.:	Q1761
Lab Sample ID:	Q1761-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	78.6
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049897.D	1	04/10/25 08:55	04/11/25 12:20	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	2000		28.9	220	ug/Kg
208-96-8	Acenaphthylene	2300		36.8	220	ug/Kg
83-32-9	Acenaphthene	2100		27.1	220	ug/Kg
86-73-7	Fluorene	2100		32.2	220	ug/Kg
85-01-8	Phenanthrene	2200		26.6	220	ug/Kg
120-12-7	Anthracene	2300		42.4	220	ug/Kg
206-44-0	Fluoranthene	2100		38.2	220	ug/Kg
129-00-0	Pyrene	2400		45.8	220	ug/Kg
56-55-3	Benzo(a)anthracene	2300		29.3	220	ug/Kg
218-01-9	Chrysene	2100		25.3	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		24.2	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200		28.5	220	ug/Kg
50-32-8	Benzo(a)pyrene	2300		37.5	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		37.0	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200		34.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100		32.7	220	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	112		30 (18) - 130 (112)	75%	SPK: 150
13127-88-3	Phenol-d6	114		30 (15) - 130 (107)	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.6		30 (18) - 130 (107)	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.7		30 (20) - 130 (109)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	122		30 (10) - 130 (116)	82%	SPK: 150
1718-51-0	Terphenyl-d14	90.1		30 (10) - 130 (105)	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	398000	7.775			
1146-65-2	Naphthalene-d8	1400000	10.569			
15067-26-2	Acenaphthene-d10	922000	14.421			
1517-22-2	Phenanthrene-d10	1780000	17.162			
1719-03-5	Chrysene-d12	1520000	21.397			

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Report of Analysis

Client:	G Environmental			Date Collected:	04/08/25
Project:	Stockton			Date Received:	04/09/25
Client Sample ID:	GST3MS			SDG No.:	Q1761
Lab Sample ID:	Q1761-01MS			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	78.6
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-PAH
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049897.D	1	04/10/25 08:55	04/11/25 12:20	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1520-96-3	Perylene-d12	1500000	24.391			

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
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Report of Analysis

Client:	G Environmental	Date Collected:	04/08/25
Project:	Stockton	Date Received:	04/09/25
Client Sample ID:	GST3MSD	SDG No.:	Q1761
Lab Sample ID:	Q1761-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	78.6
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049898.D	1	04/10/25 08:55	04/11/25 12:59	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	2000		28.9	220	ug/Kg
208-96-8	Acenaphthylene	2300		36.7	220	ug/Kg
83-32-9	Acenaphthene	2100		27.1	220	ug/Kg
86-73-7	Fluorene	2100		32.2	220	ug/Kg
85-01-8	Phenanthrene	2200		26.6	220	ug/Kg
120-12-7	Anthracene	2200		42.3	220	ug/Kg
206-44-0	Fluoranthene	2000		38.1	220	ug/Kg
129-00-0	Pyrene	2400		45.8	220	ug/Kg
56-55-3	Benzo(a)anthracene	2300		29.2	220	ug/Kg
218-01-9	Chrysene	2200		25.3	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	2200		24.1	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200		28.5	220	ug/Kg
50-32-8	Benzo(a)pyrene	2300		37.5	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2300		37.0	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200		34.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2200		32.7	220	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	112		30 (18) - 130 (112)	75%	SPK: 150
13127-88-3	Phenol-d6	113		30 (15) - 130 (107)	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.0		30 (18) - 130 (107)	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.9		30 (20) - 130 (109)	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		30 (10) - 130 (116)	79%	SPK: 150
1718-51-0	Terphenyl-d14	89.0		30 (10) - 130 (105)	89%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	401000	7.775			
1146-65-2	Naphthalene-d8	1380000	10.569			
15067-26-2	Acenaphthene-d10	887000	14.422			
1517-22-2	Phenanthrene-d10	1650000	17.163			
1719-03-5	Chrysene-d12	1370000	21.398			

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Report of Analysis

Client:	G Environmental			Date Collected:	04/08/25
Project:	Stockton			Date Received:	04/09/25
Client Sample ID:	GST3MSD			SDG No.:	Q1761
Lab Sample ID:	Q1761-01MSD			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	78.6
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-PAH
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049898.D	1	04/10/25 08:55	04/11/25 12:59	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1520-96-3	Perylene-d12	1420000	24.397			

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
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* = Values outside of QC limits
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() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report BNA_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 09 04:00:55 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM049848.D 5 =BM049849.D 10 =BM049850.D 20 =BM049851.D 40 =BM049852.D 50 =BM049853.D 60 =BM049854.D 80 =BM0498
55.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.497	0.470	0.501	0.488	0.486	0.471	0.483	0.485	2.47
3)		Pyridine		1.262	1.220	1.322	1.287	1.276	1.278	1.276	1.274	2.40
4)		n-Nitrosodimet...		0.478	0.461	0.496	0.489	0.484	0.500	0.488	0.485	2.67
5)	S	2-Fluorophenol		1.145	1.144	1.213	1.191	1.165	1.210	1.177	1.178	2.40
6)		Aniline		1.304	1.315	1.396	1.325	1.153	1.142	1.154	1.256	8.22
7)	S	Phenol-d6		1.391	1.392	1.523	1.491	1.433	1.543	1.485	1.465	4.15
8)		2-Chlorophenol		1.180	1.191	1.250	1.218	1.174	1.239	1.199	1.207	2.42
9)		Benzaldehyde		0.873	0.830	0.838	0.750	0.712	0.701	0.561	0.752	14.25
10)	C	Phenol		1.376	1.370	1.482	1.441	1.394	1.496	1.451	1.430	3.56
11)		bis(2-Chloroet...		1.113	1.084	1.147	1.135	1.096	1.160	1.114	1.121	2.45
12)		1,3-Dichlorobe...		1.417	1.391	1.475	1.438	1.418	1.441	1.409	1.427	1.90
13)	C	1,4-Dichlorobe...		1.418	1.399	1.488	1.453	1.412	1.455	1.426	1.436	2.15
14)		1,2-Dichlorobe...		1.348	1.325	1.402	1.374	1.324	1.359	1.334	1.352	2.12
15)		Benzyl Alcohol		0.852	0.857	0.950	0.953	0.904	0.993	0.951	0.923	5.79
16)		2,2'-oxybis(1-...		1.268	1.235	1.312	1.267	1.192	1.261	1.214	1.250	3.18
17)		2-Methylphenol		0.858	0.856	0.916	0.891	0.850	0.920	0.877	0.881	3.29
18)		Hexachloroethane		0.505	0.494	0.520	0.504	0.486	0.501	0.488	0.500	2.32
19)	P	n-Nitroso-di-n...	0.760	0.786	0.783	0.860	0.836	0.793	0.859	0.816	0.812	4.60
20)		3+4-Methylphenols		1.140	1.142	1.246	1.224	1.170	1.272	1.215	1.201	4.31
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.463	0.477	0.496	0.498	0.482	0.494	0.493	0.486	2.64
23)	S	Nitrobenzene-d5		0.335	0.344	0.366	0.368	0.361	0.370	0.371	0.359	3.96
24)		Nitrobenzene		0.329	0.329	0.354	0.356	0.345	0.353	0.354	0.346	3.49
25)		Isophorone		0.569	0.568	0.613	0.616	0.598	0.628	0.620	0.602	4.05
26)	C	2-Nitrophenol		0.162	0.165	0.183	0.189	0.190	0.197	0.197	0.183	7.91
27)		2,4-Dimethylph...		0.185	0.194	0.208	0.213	0.212	0.221	0.221	0.208	6.48
28)		bis(2-Chloroet...		0.386	0.386	0.411	0.410	0.399	0.415	0.412	0.403	3.08
29)	C	2,4-Dichloroph...		0.319	0.320	0.348	0.353	0.349	0.364	0.364	0.345	5.45
30)		1,2,4-Trichlor...		0.386	0.380	0.401	0.404	0.399	0.412	0.413	0.399	3.11
31)		Naphthalene		1.004	0.990	1.045	1.042	1.019	1.050	1.045	1.028	2.32
32)		Benzoic acid			0.109	0.175	0.230	0.240	0.283	0.283	0.220	30.63
33)		4-Chloroaniline		0.348	0.351	0.376	0.380	0.359	0.359	0.366	0.363	3.34
34)	C	Hexachlorobuta...		0.238	0.236	0.245	0.249	0.249	0.255	0.258	0.247	3.33
35)		Caprolactam		0.093	0.089	0.100	0.102	0.099	0.107	0.104	0.099	6.29
36)	C	4-Chloro-3-met...		0.277	0.276	0.305	0.309	0.303	0.326	0.321	0.302	6.41
37)		2-Methylnaphth...		0.683	0.685	0.729	0.734	0.721	0.762	0.755	0.724	4.23
38)		1-Methylnaphth...		0.680	0.659	0.711	0.713	0.703	0.739	0.732	0.705	3.97

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM040825.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.664	0.662	0.697	0.706	0.711	0.721	0.737	0.700	4.02
41)	P	Hexachlorocycl...	0.214	0.223	0.247	0.264	0.260	0.258	0.251	0.245	7.86
42)	S	2,4,6-Tribromo...	0.258	0.255	0.280	0.294	0.298	0.323	0.328	0.291	9.94
43)	C	2,4,6-Trichlor...	0.417	0.420	0.444	0.459	0.449	0.459	0.468	0.445	4.46
44)		2,4,5-Trichlor...	0.465	0.452	0.472	0.500	0.483	0.504	0.510	0.484	4.52
45)	S	2-Fluorobiphenyl	1.425	1.414	1.499	1.515	1.486	1.482	1.504	1.475	2.68
46)		1,1'-Biphenyl	1.451	1.429	1.514	1.528	1.480	1.490	1.515	1.487	2.45
47)		2-Chloronaphth...	1.140	1.144	1.188	1.194	1.163	1.162	1.189	1.169	1.88
48)		2-Nitroaniline	0.232	0.242	0.272	0.283	0.281	0.286	0.295	0.270	8.83
49)		Acenaphthylene	1.627	1.613	1.718	1.742	1.711	1.735	1.768	1.702	3.46
50)		Dimethylphthalate	1.366	1.331	1.430	1.438	1.411	1.446	1.455	1.411	3.27
51)		2,6-Dinitrotol...	0.249	0.265	0.303	0.310	0.305	0.317	0.320	0.296	9.38
52)	C	Acenaphthene	1.027	1.023	1.089	1.113	1.089	1.110	1.127	1.083	3.83
53)		3-Nitroaniline	0.236	0.253	0.290	0.310	0.295	0.295	0.321	0.286	10.64
54)	P	2,4-Dinitrophenol		0.097	0.148	0.184	0.194	0.212	0.216	0.175	26.04
55)		Dibenzofuran	1.737	1.709	1.821	1.845	1.815	1.862	1.879	1.810	3.52
56)	P	4-Nitrophenol	0.195	0.213	0.257	0.270	0.273	0.286	0.288	0.255	14.34
57)		2,4-Dinitrotol...	0.309	0.333	0.395	0.421	0.420	0.440	0.443	0.394	13.45
58)		Fluorene	1.354	1.335	1.450	1.481	1.456	1.489	1.505	1.439	4.67
59)		2,3,4,6-Tetrac...	0.418	0.397	0.416	0.427	0.420	0.440	0.452	0.424	4.21
60)		Diethylphthalate	1.311	1.270	1.378	1.390	1.347	1.378	1.397	1.353	3.46
61)		4-Chlorophenyl...	0.699	0.694	0.761	0.789	0.791	0.830	0.836	0.771	7.43
62)		4-Nitroaniline	0.227	0.247	0.301	0.320	0.316	0.327	0.331	0.295	14.02
63)		Azobenzene	1.077	1.085	1.185	1.202	1.167	1.192	1.200	1.158	4.67
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.094	0.119	0.132	0.133	0.138	0.140	0.126	13.60
66)	c	n-Nitrosodiphe...	0.561	0.578	0.606	0.619	0.602	0.610	0.614	0.599	3.54
67)		4-Bromophenyl-...	0.212	0.212	0.227	0.239	0.237	0.247	0.252	0.232	6.83
68)		Hexachlorobenzene	0.249	0.250	0.262	0.273	0.268	0.279	0.284	0.266	5.08
69)		Atrazine	0.186	0.177	0.142	0.130	0.142			0.155	15.89
70)	C	Pentachlorophenol	0.181	0.186	0.191	0.204	0.197	0.204	0.210	0.196	5.46
71)		Phenanthrene	1.031	1.030	1.095	1.133	1.104	1.135	1.147	1.096	4.41
72)		Anthracene	0.997	1.004	1.074	1.125	1.099	1.125	1.140	1.081	5.41
73)		Carbazole	0.922	0.952	1.024	1.059	1.038	1.060	1.071	1.018	5.69
74)		Di-n-butylphth...	1.119	1.120	1.189	1.216	1.176	1.191	1.196	1.172	3.22
75)	C	Fluoranthene	1.187	1.206	1.310	1.387	1.395	1.463	1.488	1.348	8.78
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.319	0.260	0.205	0.403	0.163	0.150	0.357	0.265	36.93
78)		Pyrene	1.310	1.280	1.395	1.408	1.393	1.419	1.443	1.378	4.35
79)	S	Terphenyl-d14	0.988	1.004	1.139	1.187	1.142	1.007	1.004	1.067	7.91
80)		Butylbenzylpht...	0.502	0.500	0.537	0.536	0.511	0.516	0.523	0.518	2.88
81)		Benzo(a)anthra...	1.237	1.226	1.335	1.362	1.345	1.391	1.408	1.329	5.38
82)		3,3'-Dichlorob...	0.428	0.450	0.492	0.526	0.516	0.538	0.565	0.502	9.74
83)		Chrysene	1.179	1.173	1.261	1.292	1.277	1.318	1.346	1.264	5.21
84)		Bis(2-ethylhex...	0.758	0.747	0.790	0.783	0.740	0.727	0.737	0.755	3.16
85)	c	Di-n-octyl pht...	1.291	1.287	1.366	1.362	1.307	1.311	1.316	1.320	2.42

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM040825.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.375	1.368	1.480	1.507	1.523	1.577	1.606	1.491	6.16
88)		Benzo(b)fluora...	1.141	1.157	1.223	1.308	1.313	1.379	1.420	1.277	8.40
89)		Benzo(k)fluora...	1.132	1.122	1.209	1.242	1.263	1.336	1.362	1.238	7.46
90)	C	Benzo(a)pyrene	1.011	1.026	1.096	1.130	1.154	1.209	1.230	1.122	7.50
91)		Dibenzo(a,h)an...	1.128	1.128	1.205	1.244	1.258	1.301	1.331	1.228	6.43
92)		Benzo(g,h,i)pe...	1.178	1.179	1.255	1.265	1.269	1.310	1.328	1.255	4.65

(#) = 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.: Q1761 SAS No.: Q1761 SDG No.: Q1761

Instrument ID: BNA_M Calibration Date/Time: 04/11/2025 09:37

Lab File ID: BM049893.D Init. Calib. Date(s): 04/08/2025 04/08/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:35 20:07

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.178	1.163		-1.3	
Phenol-d6	1.465	1.462		-0.2	
Nitrobenzene-d5	0.359	0.359		0.0	
Naphthalene	1.028	1.029		0.1	
2-Fluorobiphenyl	1.475	1.507		2.2	
Acenaphthylene	1.702	1.713		0.6	
Acenaphthene	1.083	1.090		0.6	20.0
Fluorene	1.439	1.417		-1.5	
2,4,6-Tribromophenol	0.291	0.301		3.4	
Phenanthrene	1.096	1.113		1.6	
Anthracene	1.081	1.100		1.8	
Fluoranthene	1.348	1.335		-1.0	20.0
Pyrene	1.378	1.461		6.0	
Terphenyl-d14	1.067	1.192		11.7	
Benzo(a)anthracene	1.329	1.349		1.5	
Chrysene	1.264	1.285		1.7	
Benzo(b)fluoranthene	1.277	1.270		-0.5	
Benzo(k)fluoranthene	1.238	1.224		-1.1	
Benzo(a)pyrene	1.122	1.121		-0.1	20.0
Indeno(1,2,3-cd)pyrene	1.491	1.476		-1.0	
Dibenzo(a,h)anthracene	1.228	1.216		-1.0	
Benzo(g,h,i)perylene	1.255	1.234		-1.7	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049896.D
Acq On : 11 Apr 2025 11:41
Operator : RC/JU
Sample : Q1761-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GST3

Quant Time: Apr 11 12:44:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

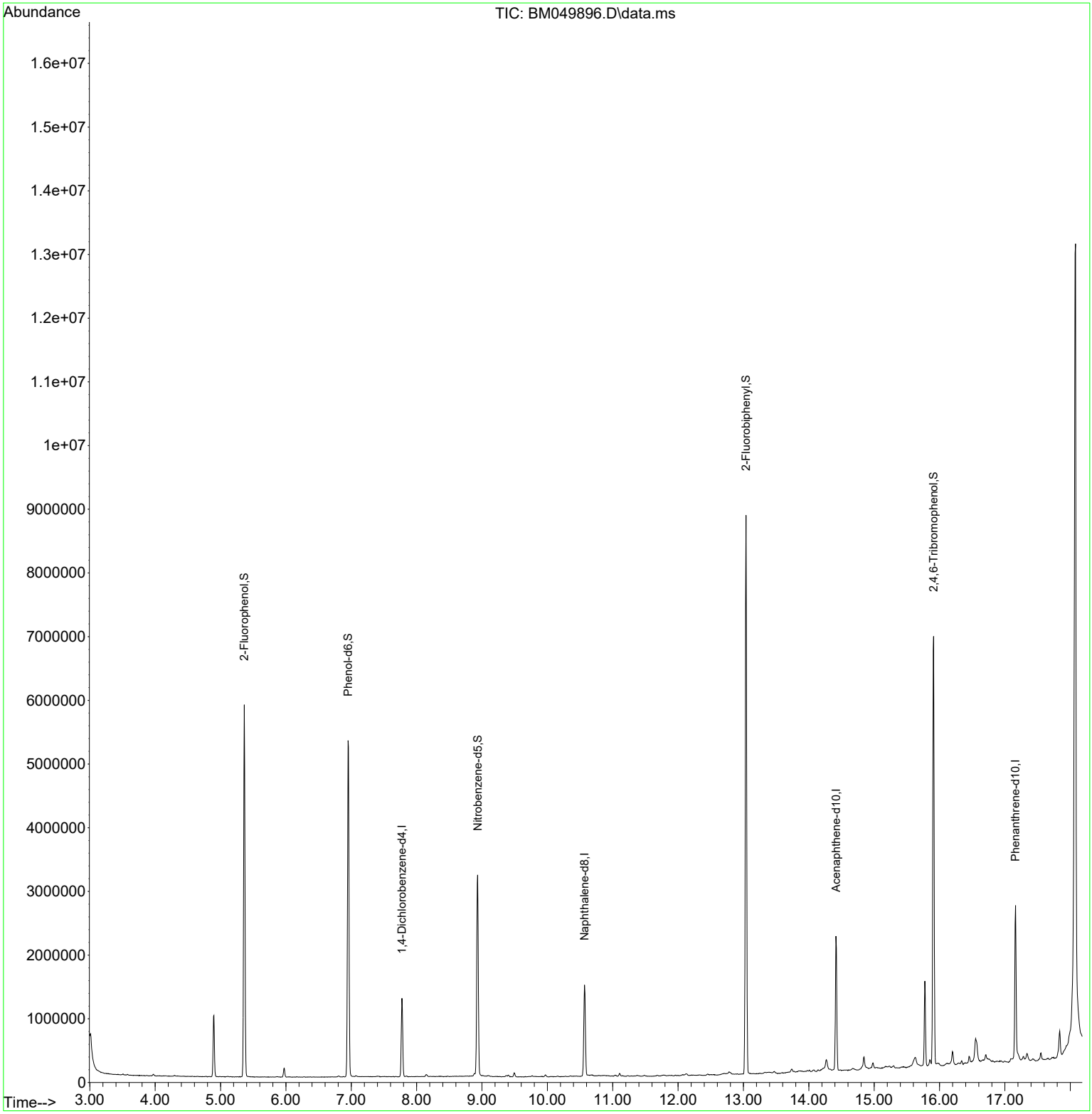
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	361301	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1222544	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	753026	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1392087	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1231616	20.000	ng	0.00
86) Perylene-d12	24.391	264	1380929	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2564472	120.527	ng	0.00
7) Phenol-d6	6.951	99	3187163	120.395	ng	0.00
23) Nitrobenzene-d5	8.934	82	1827974	83.262	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1455551	132.890	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	4657836	83.876	ng	0.00
79) Terphenyl-d14	19.786	244	6278461	95.534	ng	0.00
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049896.D
Acq On : 11 Apr 2025 11:41
Operator : RC/JU
Sample : Q1761-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GST3

Quant Time: Apr 11 12:44:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



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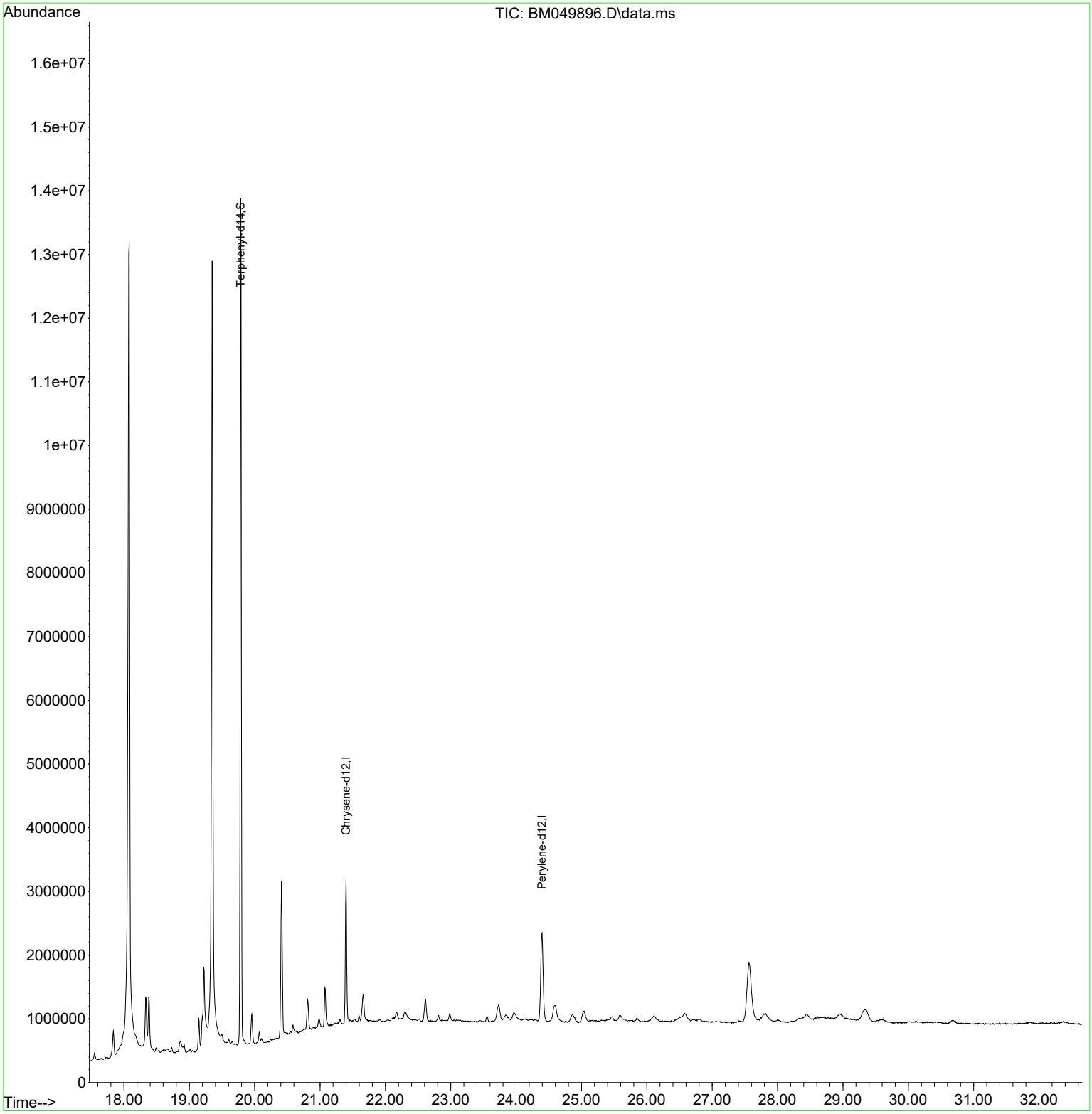
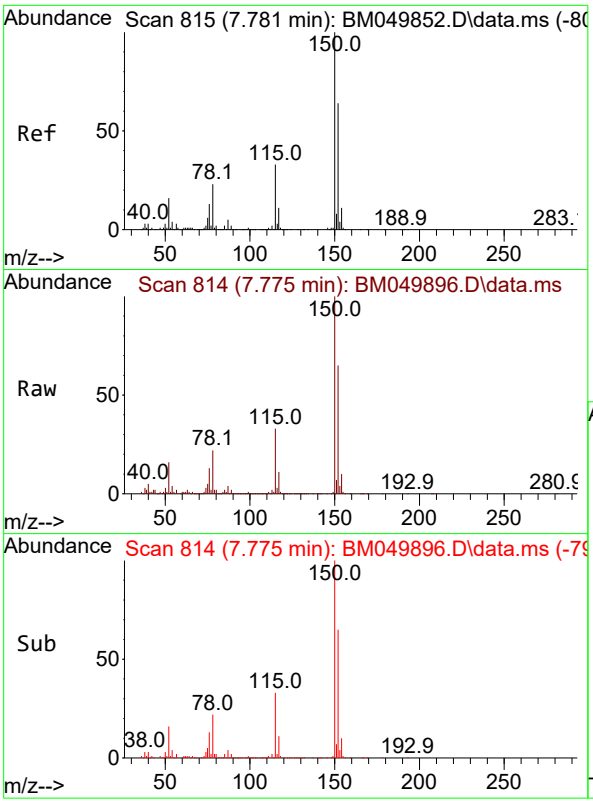
Data File : BM049896.D
Acq On : 11 Apr 2025 11:41
Operator : RC/JU
Sample : Q1761-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GST3

Quant Time: Apr 11 12:44:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



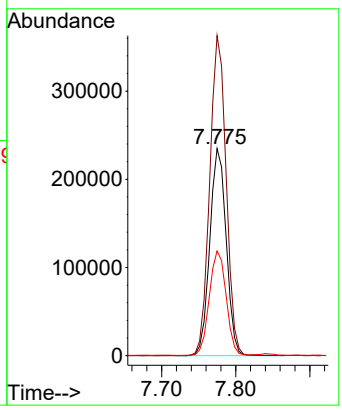


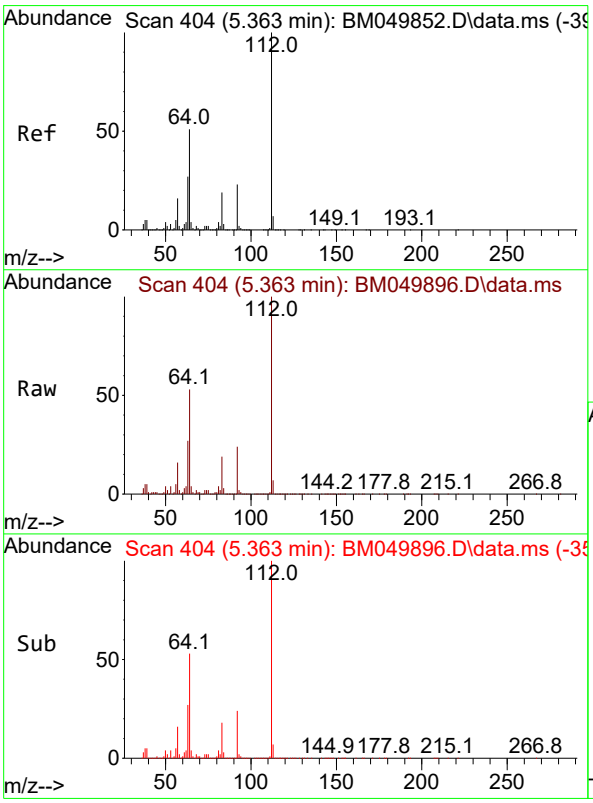
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Instrument :
BNA_M
ClientSampleId :
GST3

Tgt Ion:152 Resp: 361301

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.3	186.5
115	50.6	41.1	61.7

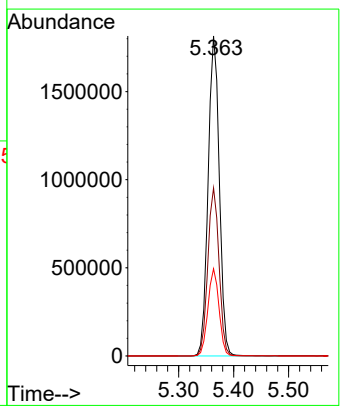


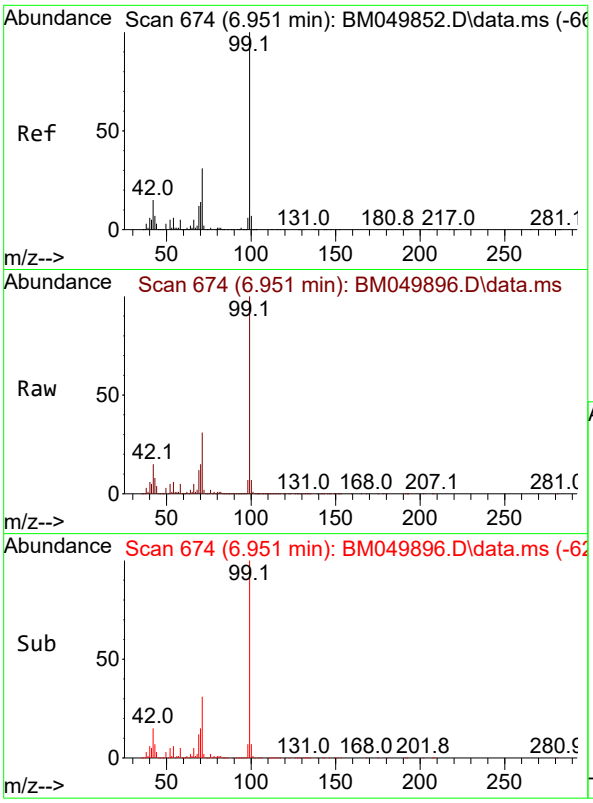


#5
2-Fluorophenol
Concen: 120.527 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Tgt Ion:112 Resp: 2564472

Ion	Ratio	Lower	Upper
112	100		
64	52.5	41.0	61.6
63	27.3	21.5	32.3



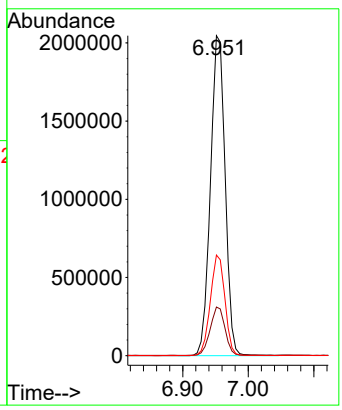


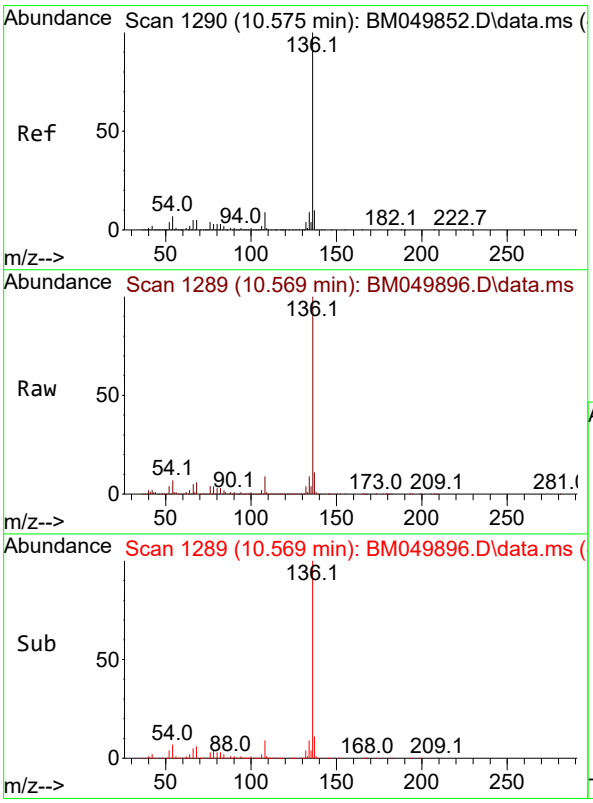
#7
Phenol-d6
Concen: 120.395 ng
RT: 6.951 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Instrument :
BNA_M
ClientSampleId :
GST3

Tgt Ion: 99 Resp: 3187163

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.1	18.1
71	31.4	24.9	37.3

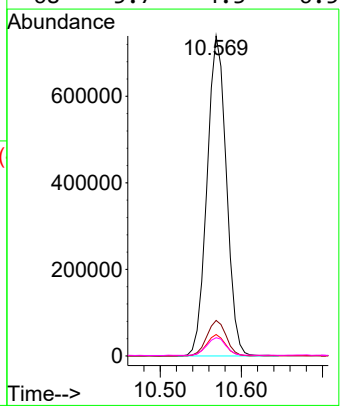


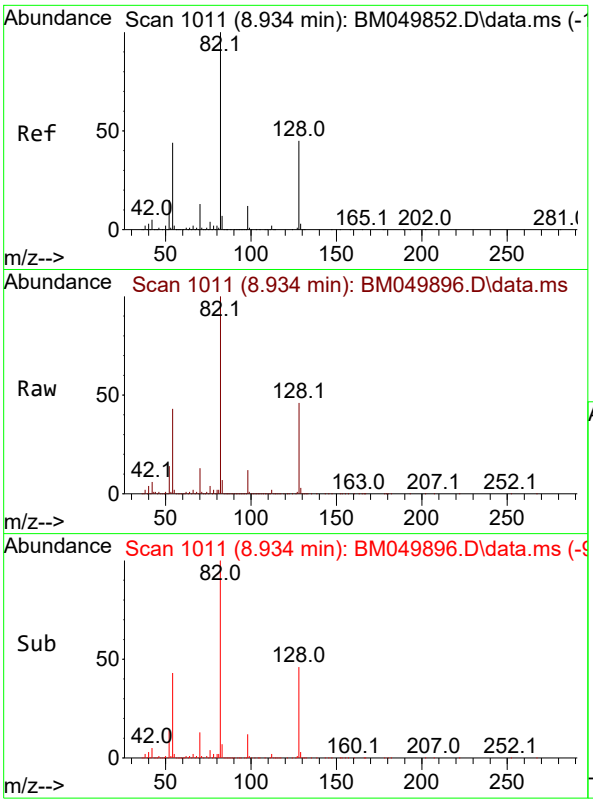


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Tgt Ion:136 Resp: 1222544

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.7	5.3	7.9
68	5.7	4.3	6.5



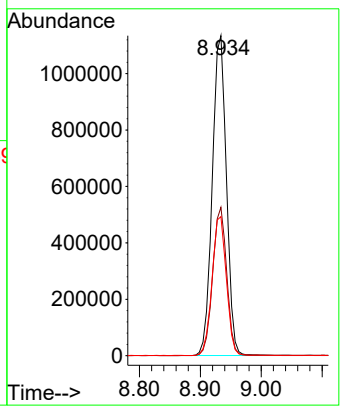


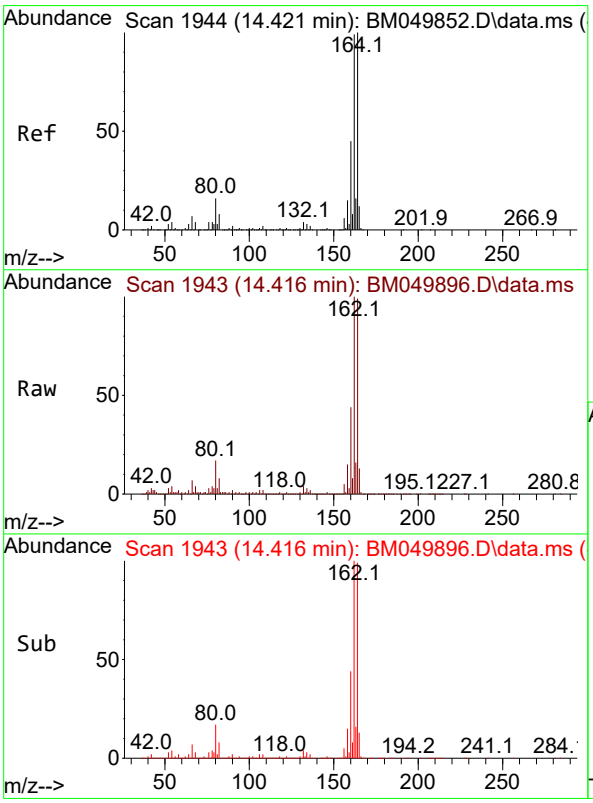
#23
Nitrobenzene-d5
Concen: 83.262 ng
RT: 8.934 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Instrument :
BNA_M
ClientSampleId :
GST3

Tgt Ion: 82 Resp: 1827974

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.2	54.2
54	43.5	35.0	52.6

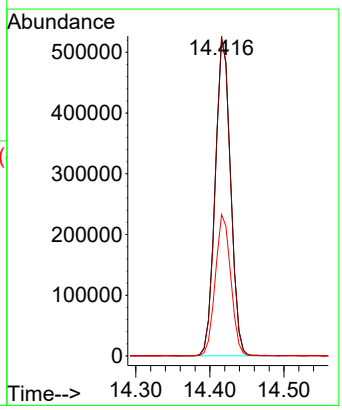


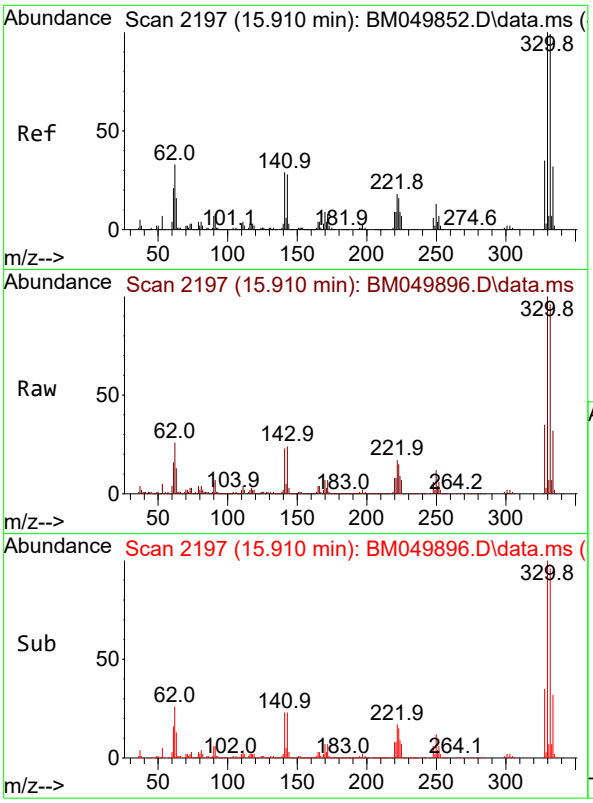


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Tgt Ion:164 Resp: 753026

Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.4	119.0
160	44.7	36.2	54.2



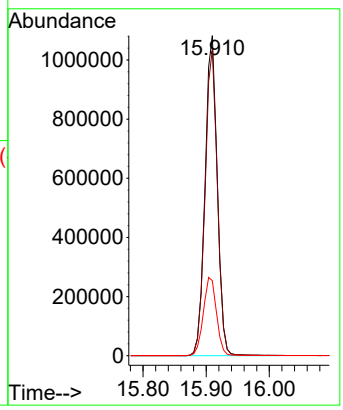


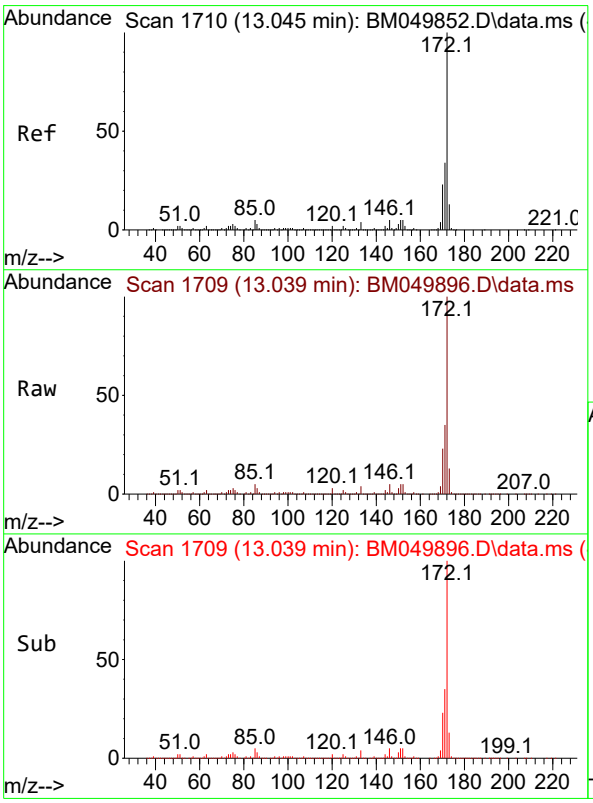
#42
2,4,6-Tribromophenol
Concen: 132.890 ng
RT: 15.910 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Instrument :
BNA_M
ClientSampleId :
GST3

Tgt Ion:330 Resp: 1455551

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.0	117.0
141	26.1	23.5	35.3

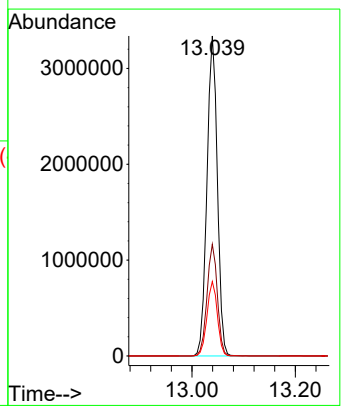


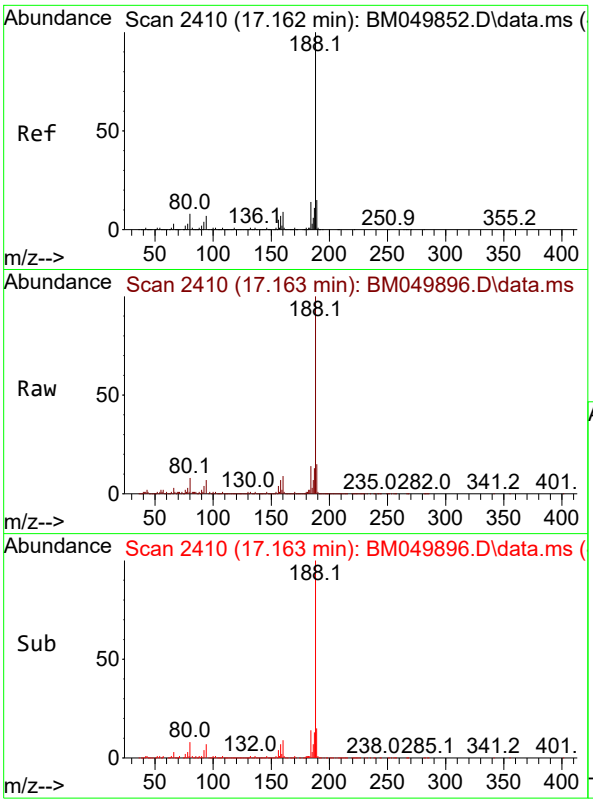


#45
2-Fluorobiphenyl
Concen: 83.876 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Tgt Ion:172 Resp: 4657836

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.4	41.2
170	23.3	18.6	28.0



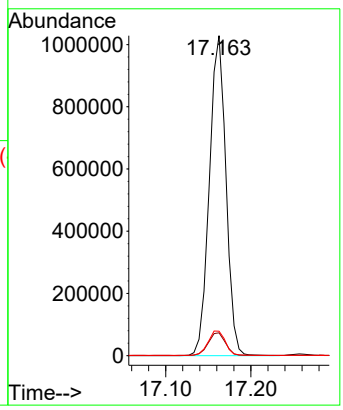


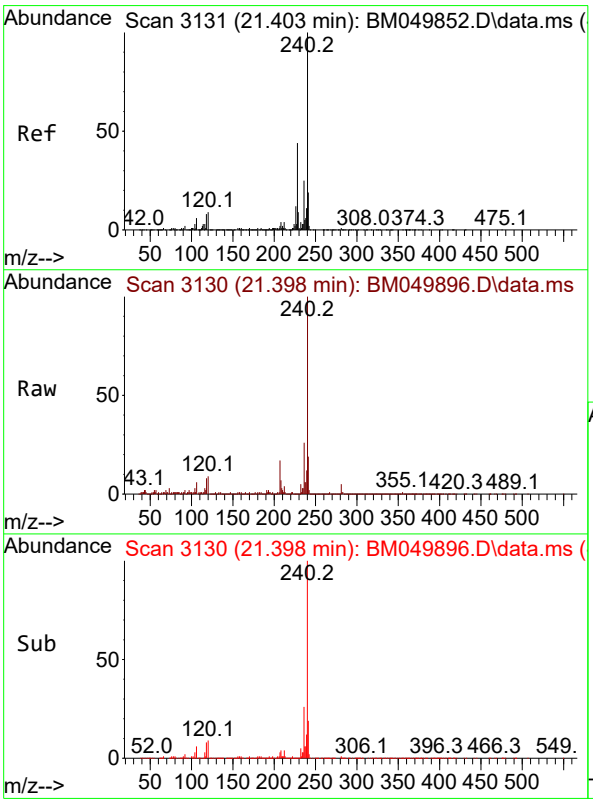
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Instrument :
BNA_M
ClientSampleId :
GST3

Tgt Ion:188 Resp: 1392087

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.8	8.6
80	7.7	6.4	9.6

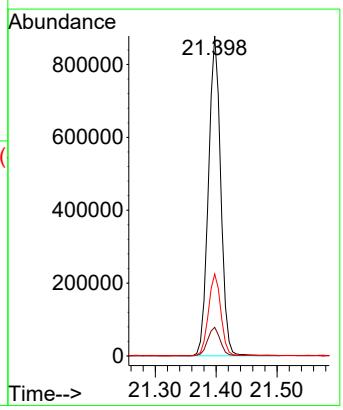


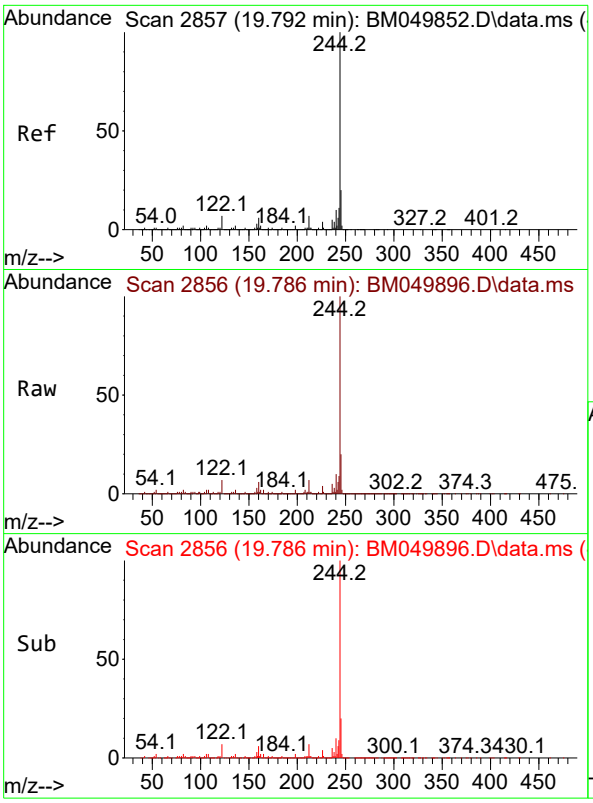


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Tgt Ion:240 Resp: 1231616

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.9	10.3
236	25.6	20.4	30.6



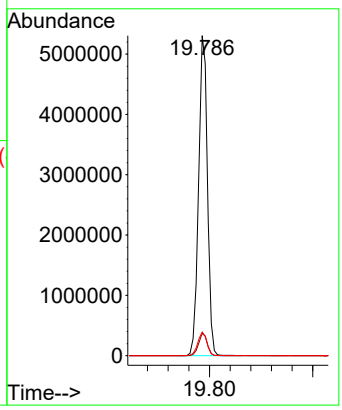


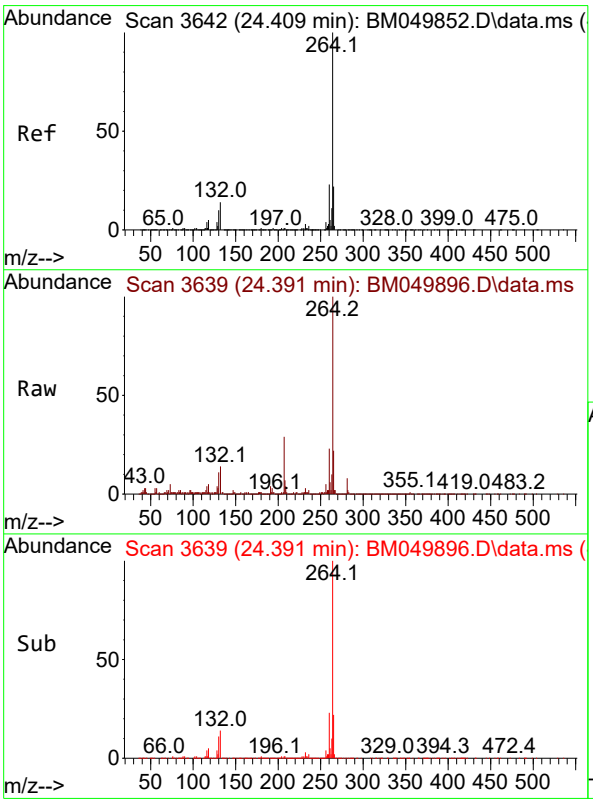
#79
Terphenyl-d14
Concen: 95.534 ng
RT: 19.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Instrument :
BNA_M
ClientSampleId :
GST3

Tgt Ion:244 Resp: 6278461

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	7.4	5.4	8.0

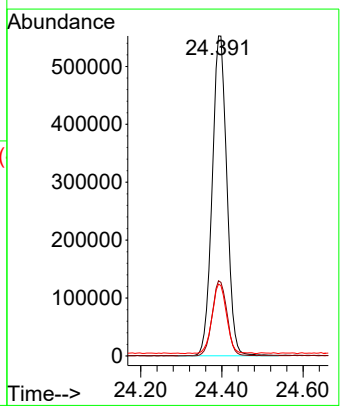




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.391 min Scan# 3639
Delta R.T. -0.018 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Tgt Ion:264 Resp: 1380929

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	22.4	17.8	26.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049894.D
Acq On : 11 Apr 2025 10:17
Operator : RC/JU
Sample : PB167544BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167544BL

Quant Time: Apr 11 11:40:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

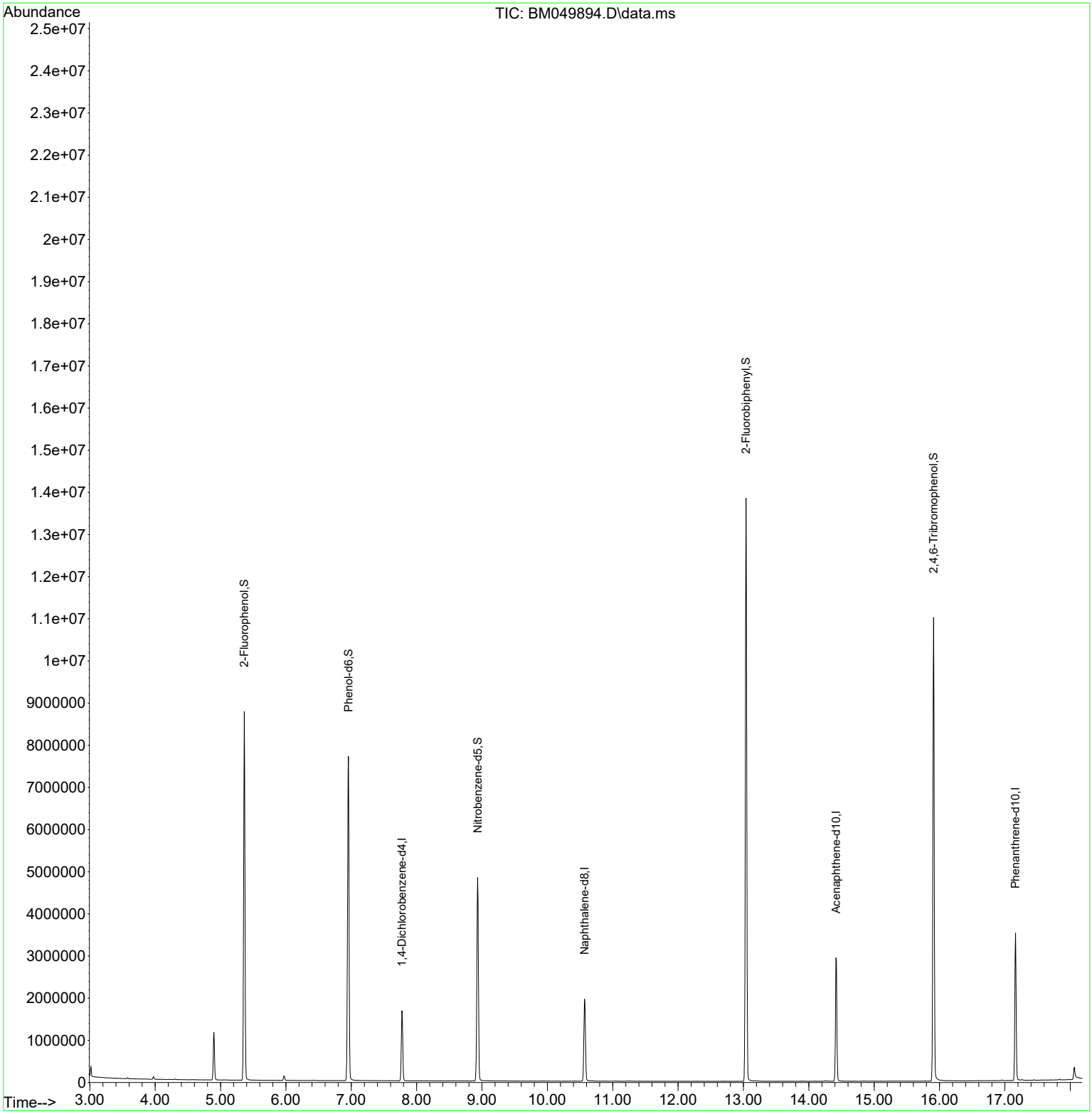
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	486554	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1686208	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	1083671	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	2084347	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1600250	20.000	ng	0.00
86) Perylene-d12	24.397	264	1555142	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	3872807	135.161	ng	0.00
7) Phenol-d6	6.957	99	4713219	132.208	ng	0.00
23) Nitrobenzene-d5	8.934	82	2820535	93.145	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	2425155	153.857	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	7559795	94.597	ng	0.00
79) Terphenyl-d14	19.786	244	10363780	121.370	ng	0.00
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049894.D
Acq On : 11 Apr 2025 10:17
Operator : RC/JU
Sample : PB167544BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167544BL

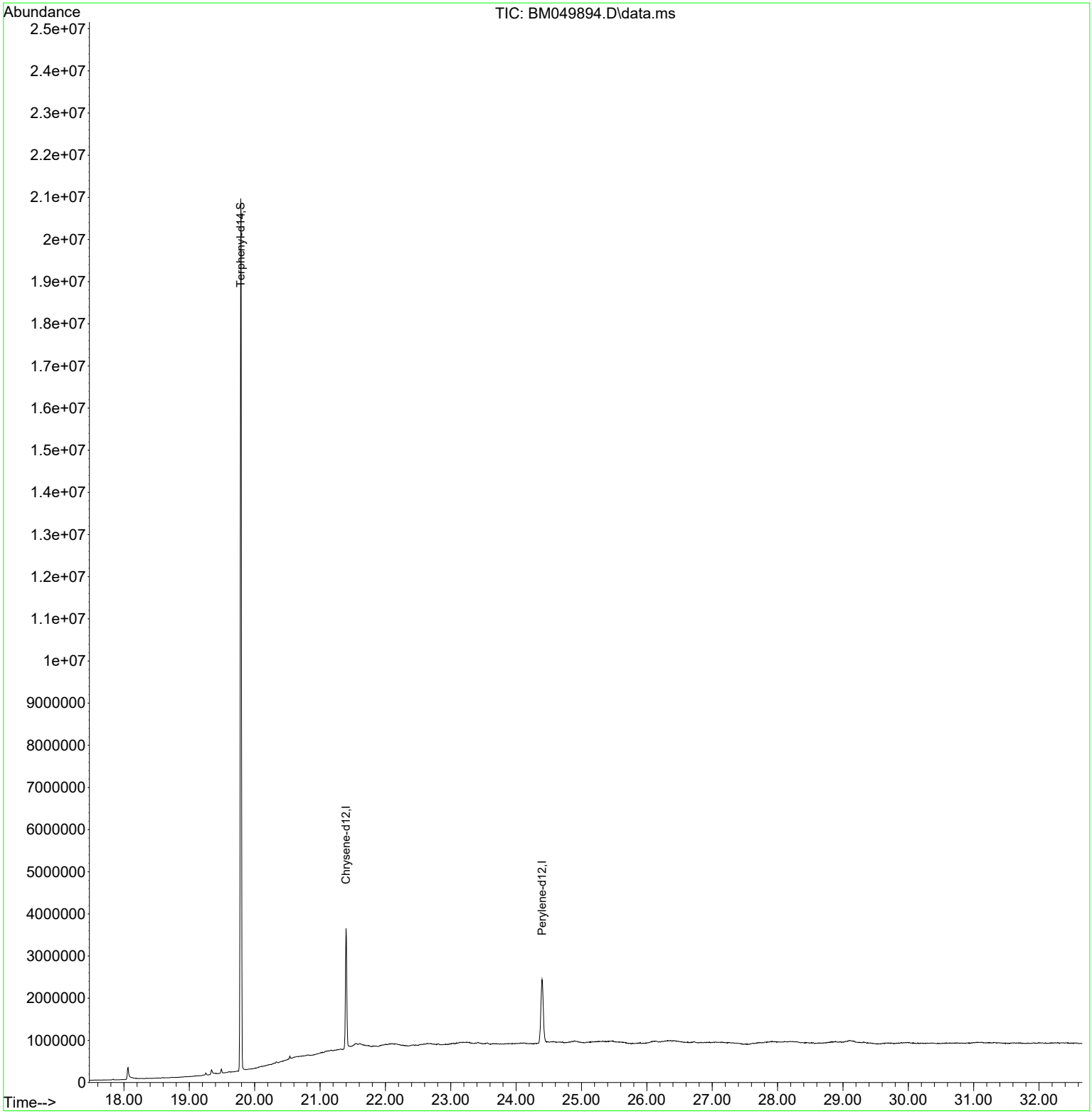
Quant Time: Apr 11 11:40:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

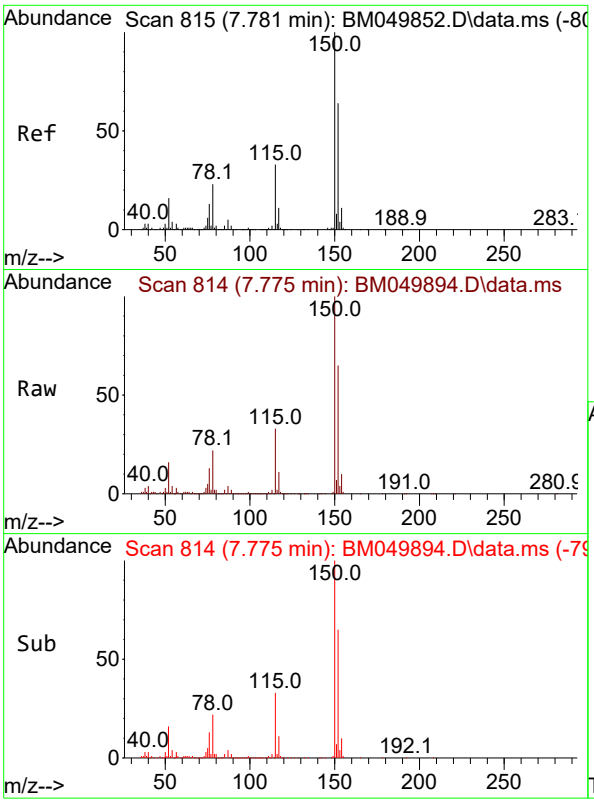


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049894.D
Acq On : 11 Apr 2025 10:17
Operator : RC/JU
Sample : PB167544BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167544BL

Quant Time: Apr 11 11:40:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



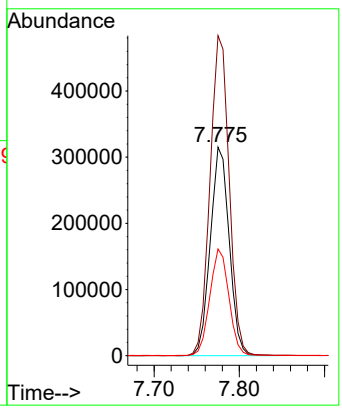


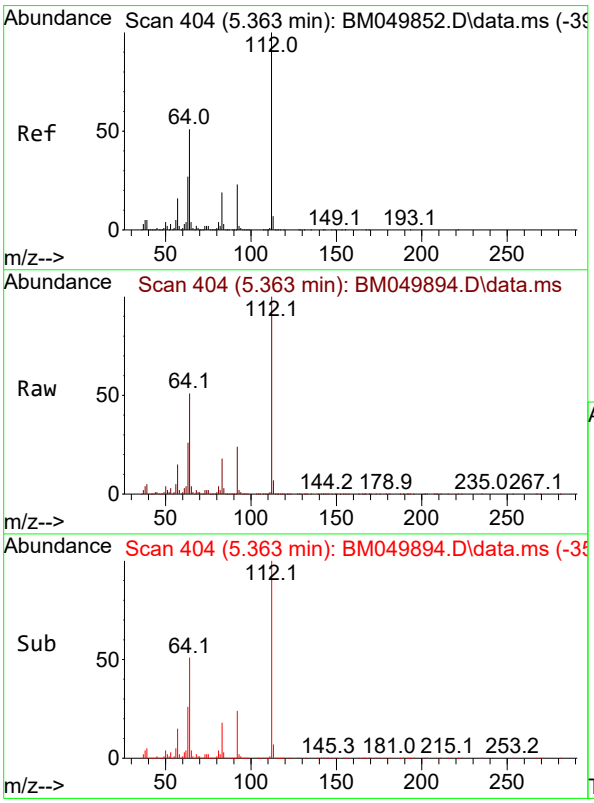
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Instrument :
BNA_M
ClientSampleId :
PB167544BL

Tgt Ion:152 Resp: 486554

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.3	186.5
115	51.2	41.1	61.7

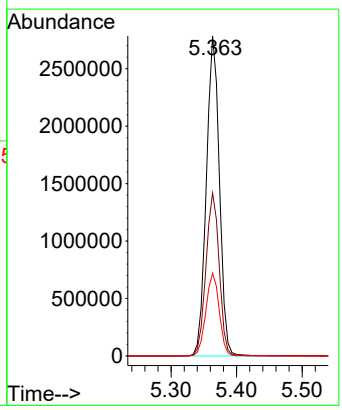


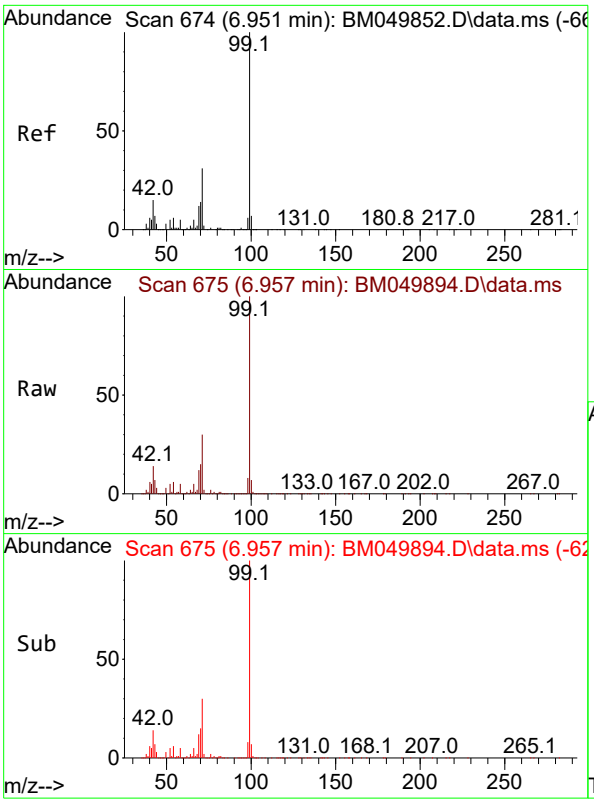


#5
2-Fluorophenol
Concen: 135.161 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Tgt Ion:112 Resp: 3872807

Ion	Ratio	Lower	Upper
112	100		
64	50.9	41.0	61.6
63	25.9	21.5	32.3



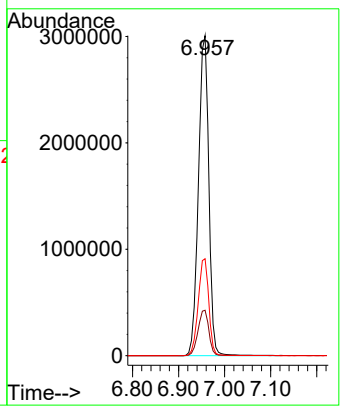


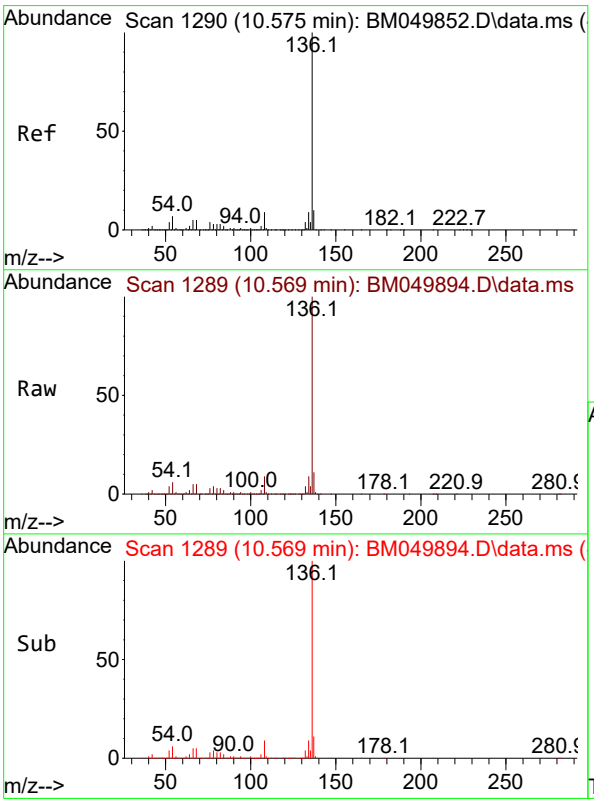
#7
Phenol-d6
Concen: 132.208 ng
RT: 6.957 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Instrument :
BNA_M
ClientSampleId :
PB167544BL

Tgt Ion: 99 Resp: 4713219

Ion	Ratio	Lower	Upper
99	100		
42	14.2	12.1	18.1
71	30.3	24.9	37.3

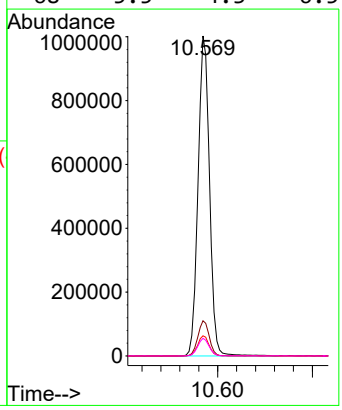


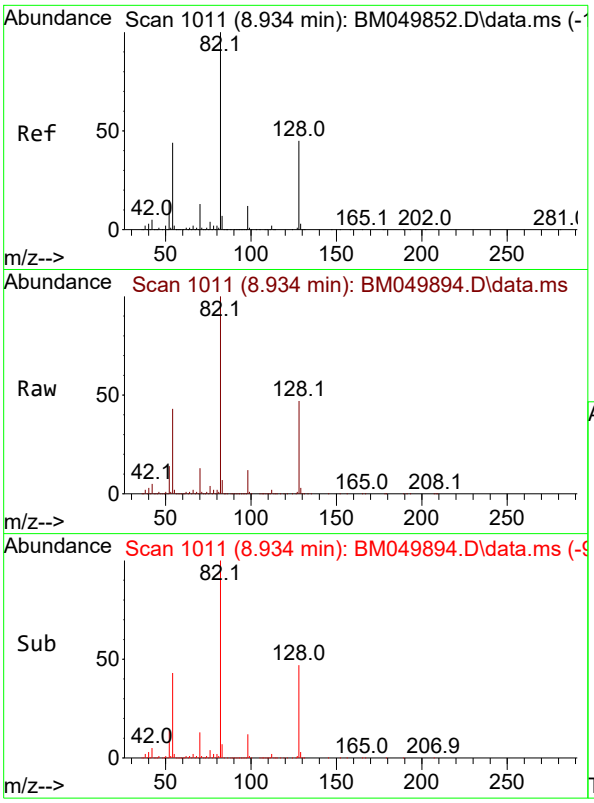


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Tgt Ion:136 Resp: 1686208

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	6.3	5.3	7.9
68	5.5	4.3	6.5



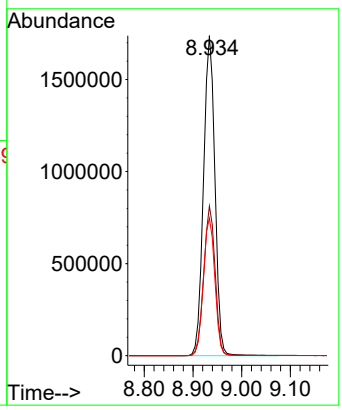


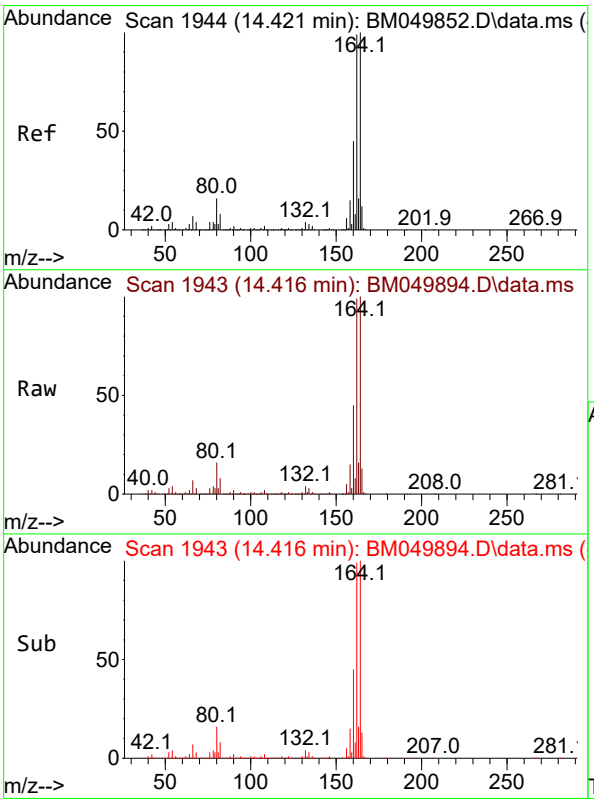
#23
Nitrobenzene-d5
Concen: 93.145 ng
RT: 8.934 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Instrument :
BNA_M
ClientSampleId :
PB167544BL

Tgt Ion: 82 Resp: 2820535

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.2	54.2
54	43.0	35.0	52.6

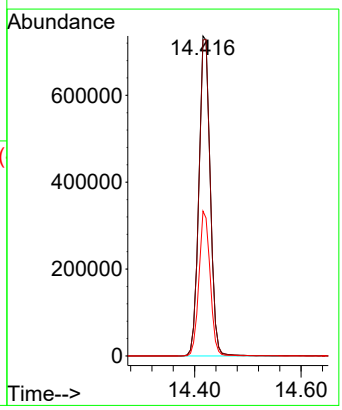


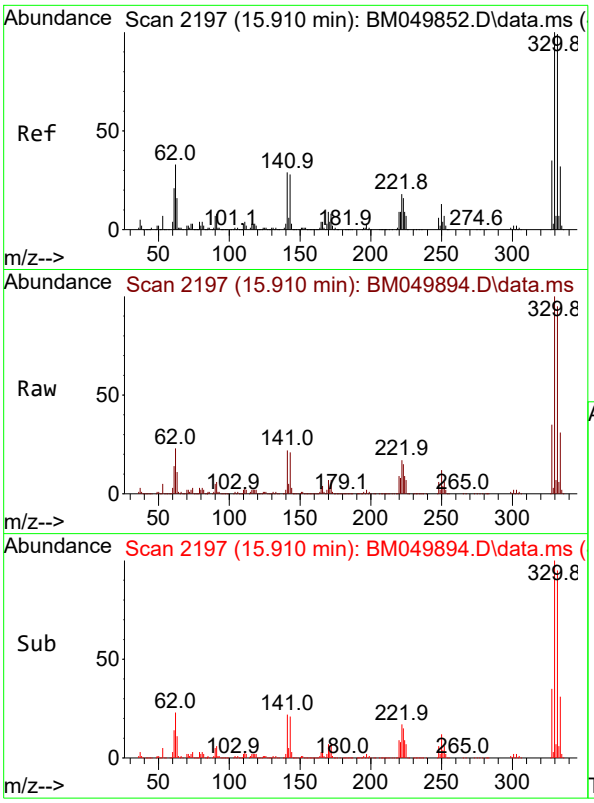


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Tgt Ion:164 Resp: 1083671

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.4	119.0
160	45.3	36.2	54.2



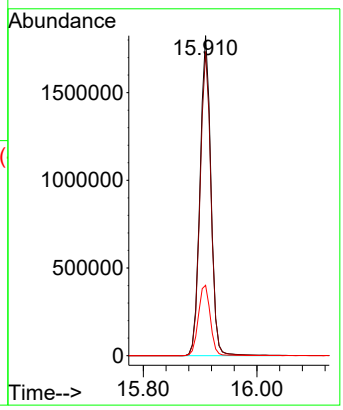


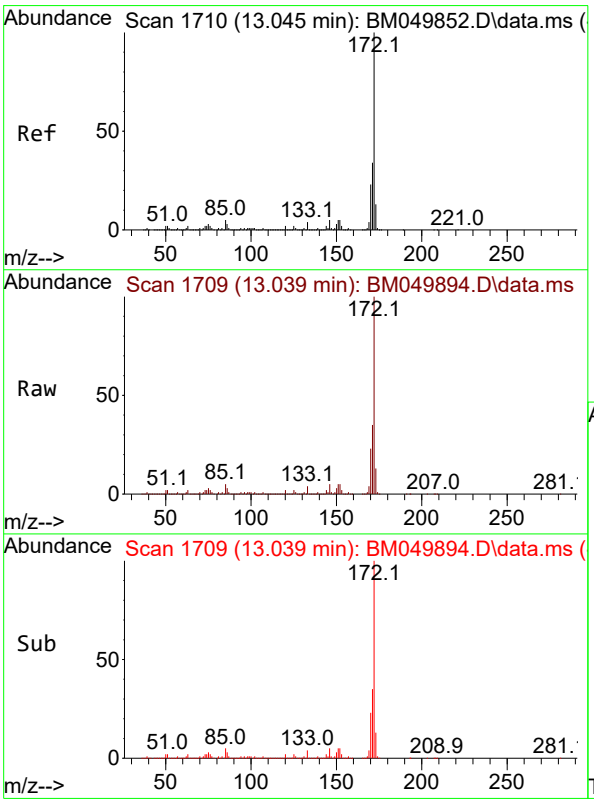
#42
2,4,6-Tribromophenol
Concen: 153.857 ng
RT: 15.910 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Instrument :
BNA_M
ClientSampleId :
PB167544BL

Tgt Ion:330 Resp: 2425155

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.0	117.0
141	24.3	23.5	35.3

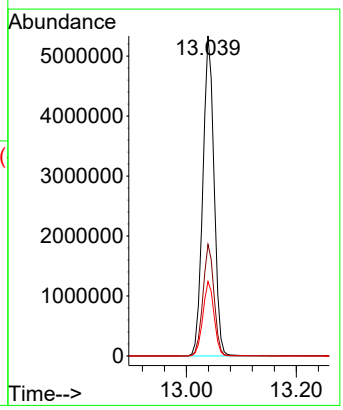


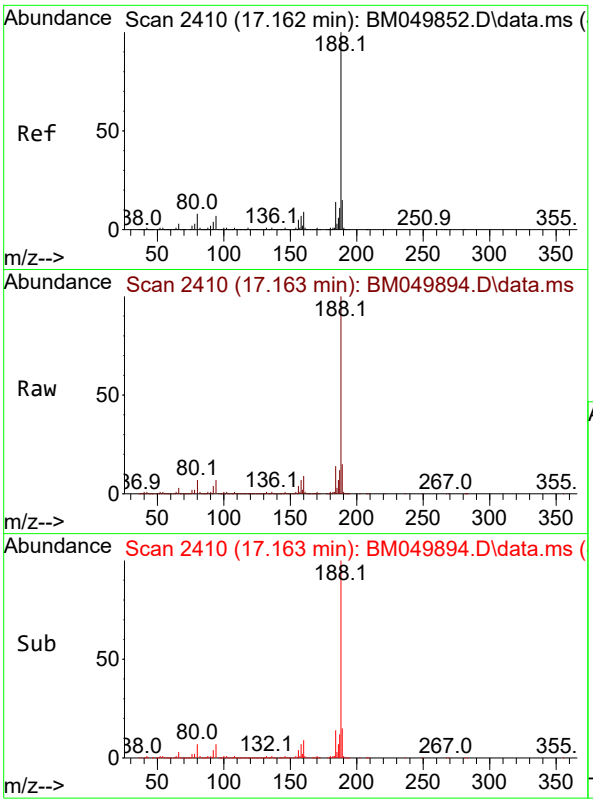


#45
2-Fluorobiphenyl
Concen: 94.597 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Tgt Ion:172 Resp: 7559795

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.4	41.2
170	23.2	18.6	28.0



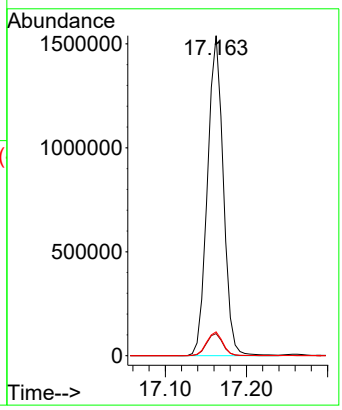


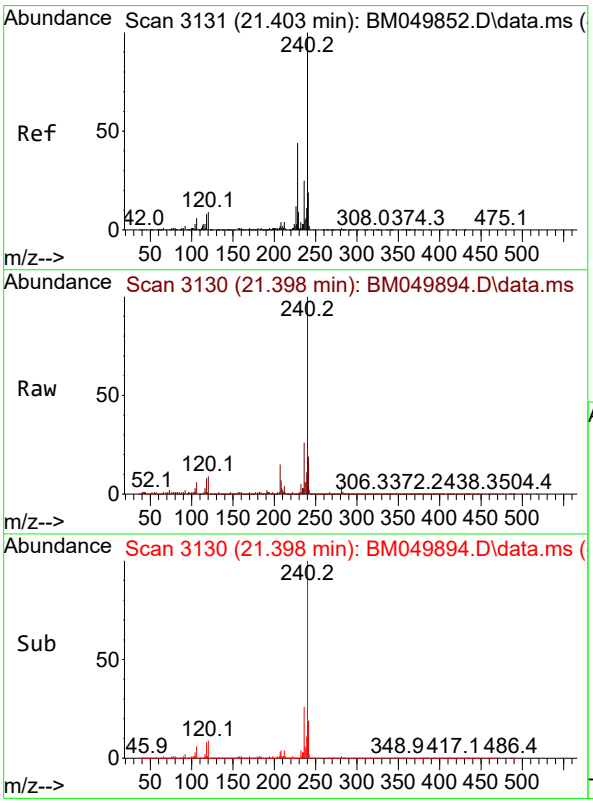
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Instrument :
BNA_M
ClientSampleId :
PB167544BL

Tgt Ion:188 Resp: 2084347

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.8	8.6
80	7.5	6.4	9.6

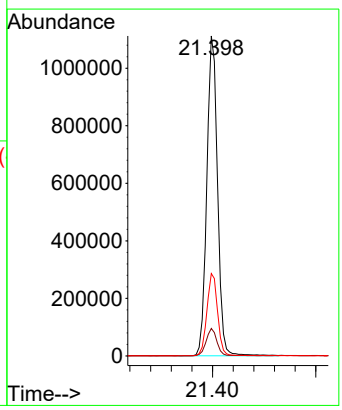


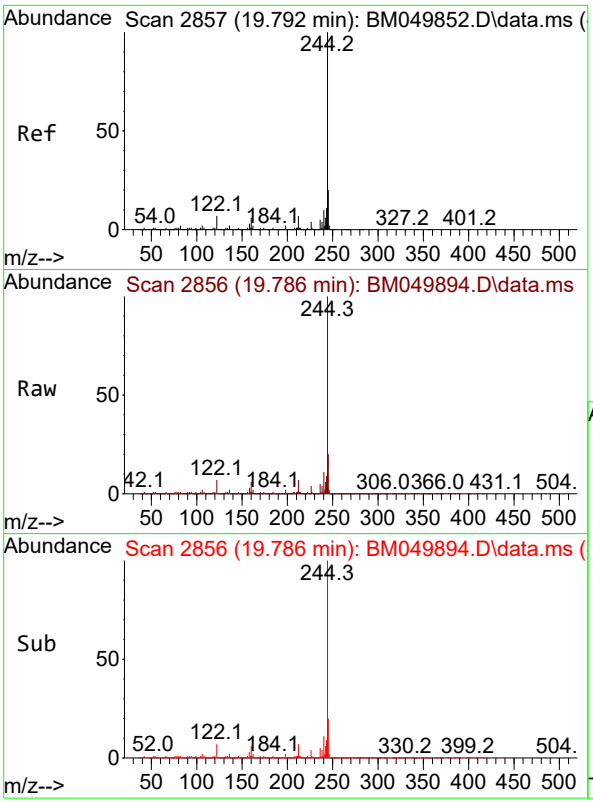


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Tgt Ion:240 Resp: 1600250

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	25.7	20.4	30.6



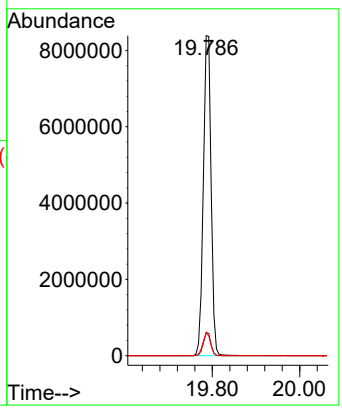


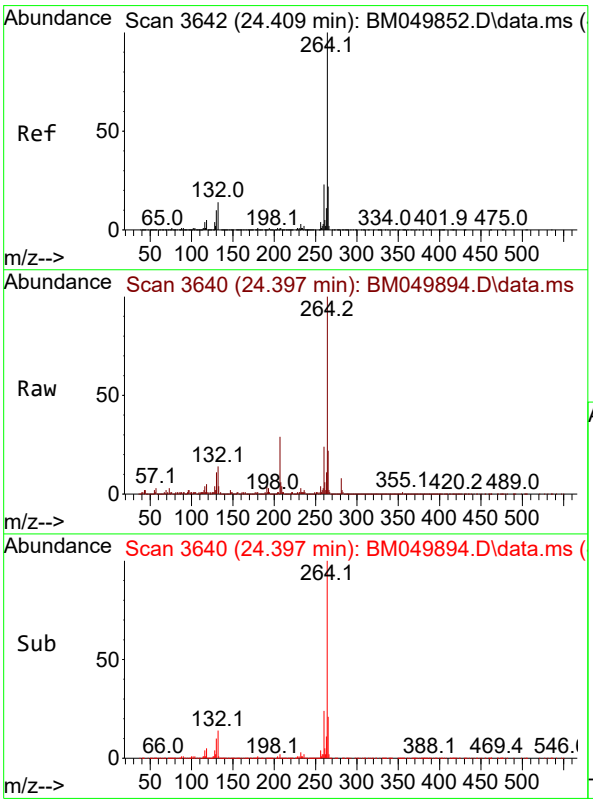
#79
Terphenyl-d14
Concen: 121.370 ng
RT: 19.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Instrument :
BNA_M
ClientSampleId :
PB167544BL

Tgt Ion:244 Resp:10363780

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	7.1	5.4	8.0

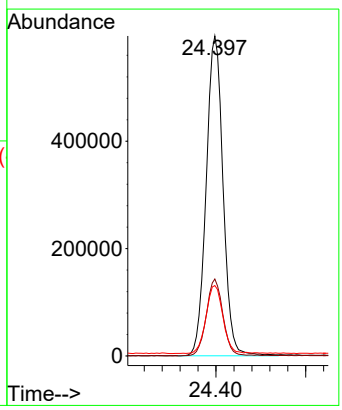




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.012 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Tgt Ion:264 Resp: 1555142

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	22.0	17.8	26.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049895.D
Acq On : 11 Apr 2025 10:56
Operator : RC/JU
Sample : PB167544BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167544BS

Quant Time: Apr 11 12:13:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	408732	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1404608	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	877536	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1626496	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1335581	20.000	ng	0.00
86) Perylene-d12	24.397	264	1358357	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	3191140	132.576	ng	0.00
7) Phenol-d6	6.957	99	3859532	128.875	ng	0.00
23) Nitrobenzene-d5	8.934	82	2242037	88.885	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1810286	141.827	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	5885004	90.938	ng	0.00
79) Terphenyl-d14	19.786	244	7980954	111.987	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	377083	38.039	ng	99
3) Pyridine	3.663	79	1059602	40.683	ng	97
4) n-Nitrosodimethylamine	3.569	42	443509	44.746	ng	96
6) Aniline	7.104	93	819960	31.953	ng	99
8) 2-Chlorophenol	7.346	128	1212993	49.174	ng	100
9) Benzaldehyde	6.916	77	619959	40.340	ng	99
10) Phenol	6.981	94	1416013	48.452	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	1100831	48.034	ng	99
12) 1,3-Dichlorobenzene	7.669	146	1394493	47.816	ng	99
13) 1,4-Dichlorobenzene	7.810	146	1404604	47.866	ng	100
14) 1,2-Dichlorobenzene	8.128	146	1342735	48.580	ng	99
15) Benzyl Alcohol	8.016	79	938253	49.753	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.304	45	1287543	50.405	ng	99
17) 2-Methylphenol	8.228	107	922240	51.208	ng	99
18) Hexachloroethane	8.857	117	481403	47.153	ng	95
19) n-Nitroso-di-n-propyla...	8.587	70	800126	48.239	ng	98
20) 3+4-Methylphenols	8.551	107	1229159	50.061	ng	99
22) Acetophenone	8.598	105	1586775	46.483	ng	99
24) Nitrobenzene	8.975	77	1142581	47.042	ng	99
25) Isophorone	9.504	82	2140268	50.651	ng	99
26) 2-Nitrophenol	9.687	139	631526	49.057	ng	97
27) 2,4-Dimethylphenol	9.751	122	1045085	71.635	ng	99
28) bis(2-Chloroethoxy)met...	9.981	93	1369229	48.401	ng	99
29) 2,4-Dichlorophenol	10.222	162	1189520	49.051	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	1351494	48.174	ng	99
31) Naphthalene	10.622	128	3305519	45.799	ng	99
32) Benzoic acid	9.904	122	754581	42.843	ng	97
33) 4-Chloroaniline	10.728	127	224960	8.827	ng	99
34) Hexachlorobutadiene	10.910	225	863288	49.747	ng	98
35) Caprolactam	11.516	113	302246	43.455	ng	99
36) 4-Chloro-3-methylphenol	11.869	107	1007565	47.432	ng	98
37) 2-Methylnaphthalene	12.239	142	2167106	42.617	ng	99
38) 1-Methylnaphthalene	12.457	142	2274096	45.903	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	1524999	49.674	ng	98
41) Hexachlorocyclopentadiene	12.592	237	2269561	210.973	ng	98
43) 2,4,6-Trichlorophenol	12.851	196	993843	50.873	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049895.D
Acq On : 11 Apr 2025 10:56
Operator : RC/JU
Sample : PB167544BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167544BS

Quant Time: Apr 11 12:13:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

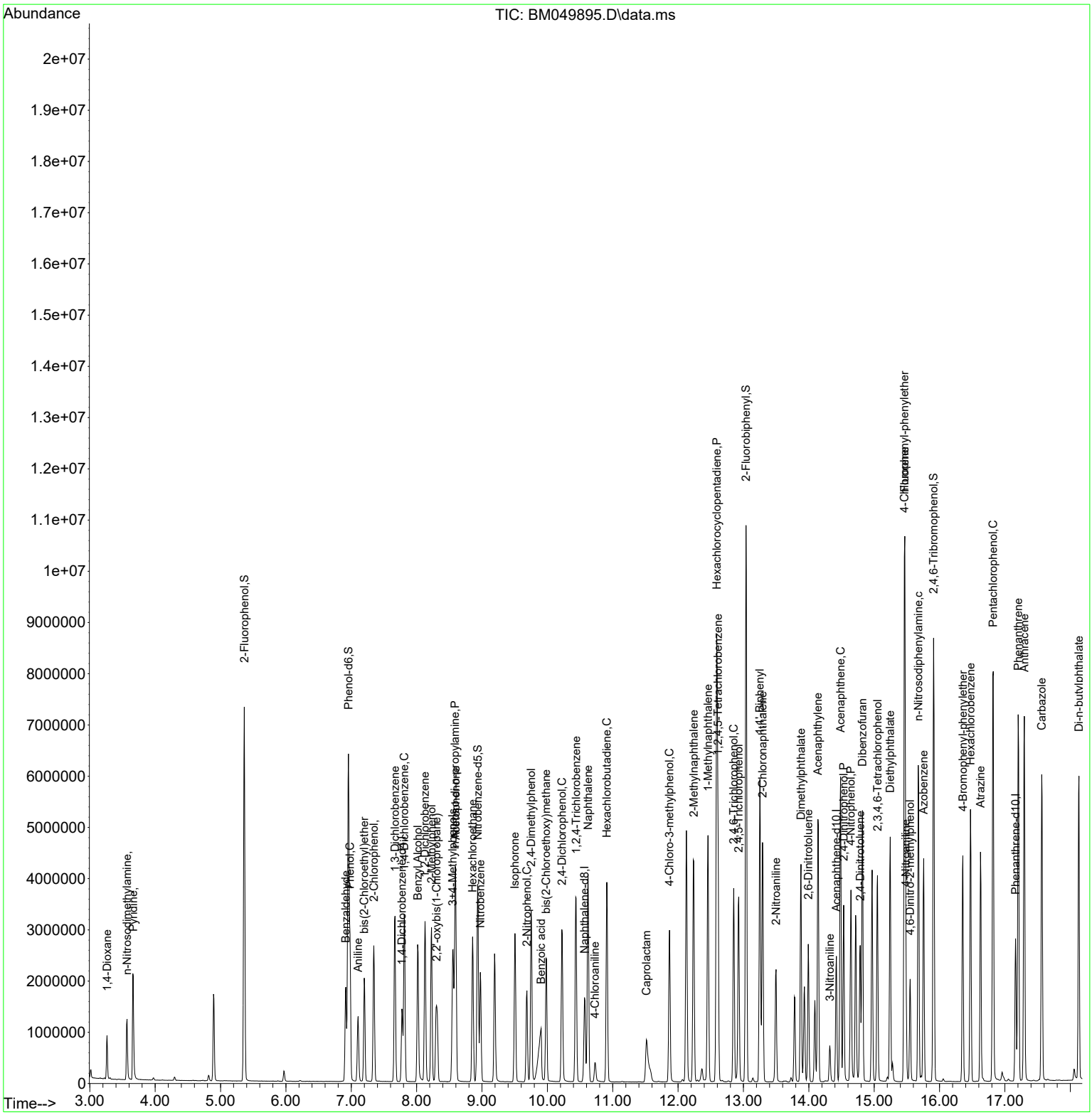
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	1063039	50.073	ng	98
46) 1,1'-Biphenyl	13.251	154	3111862	47.704	ng	99
47) 2-Chloronaphthalene	13.292	162	2466554	48.107	ng	99
48) 2-Nitroaniline	13.498	65	572474	48.263	ng	100
49) Acenaphthylene	14.139	152	3850334	51.554	ng	100
50) Dimethylphthalate	13.880	163	2921813	47.195	ng	100
51) 2,6-Dinitrotoluene	13.992	165	637404	49.142	ng	97
52) Acenaphthene	14.486	154	2226216	46.861	ng	100
53) 3-Nitroaniline	14.322	138	199597	15.922	ng	96
54) 2,4-Dinitrophenol	14.533	184	840990	88.671	ng	96
55) Dibenzofuran	14.822	168	3624814	45.643	ng	98
56) 4-Nitrophenol	14.645	139	1082119	96.864	ng	98
57) 2,4-Dinitrotoluene	14.786	165	873350	50.471	ng	95
58) Fluorene	15.469	166	2969299	47.037	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.051	232	889457	47.802	ng	96
60) Diethylphthalate	15.245	149	2697088	45.429	ng	98
61) 4-Chlorophenyl-phenyle...	15.463	204	1641405	48.498	ng	100
62) 4-Nitroaniline	15.486	138	554288	42.755	ng	99
63) Azobenzene	15.757	77	2278073	44.818	ng	97
65) 4,6-Dinitro-2-methylph...	15.551	198	517365	50.477	ng	97
66) n-Nitrosodiphenylamine	15.674	169	2517787	51.727	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	992589	52.569	ng	95
68) Hexachlorobenzene	16.474	284	1144611	52.850	ng	99
69) Atrazine	16.627	200	897636	71.125	ng	98
70) Pentachlorophenol	16.821	266	1586046	99.471	ng	99
71) Phenanthrene	17.204	178	4428726	49.666	ng	100
72) Anthracene	17.298	178	4531449	51.566	ng	100
73) Carbazole	17.563	167	3958225	47.823	ng	99
74) Di-n-butylphthalate	18.133	149	4480310	46.996	ng	99
75) Fluoranthene	19.221	202	5022697	45.811	ng	99
77) Benzidine	19.404	184	1869956	105.538	ng	100
78) Pyrene	19.586	202	5089927	55.298	ng	100
80) Butylbenzylphthalate	20.480	149	1823190	52.714	ng	99
81) Benzo(a)anthracene	21.380	228	4536466	51.108	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	915890	27.323	ng	99
83) Chrysene	21.445	228	4159012	49.285	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	2524889	50.106	ng	98
85) Di-n-octyl phthalate	22.439	149	4210062	47.757	ng	99
87) Indeno(1,2,3-cd)pyrene	27.785	276	5197740	51.334	ng	99
88) Benzo(b)fluoranthene	23.456	252	4214364	48.579	ng	99
89) Benzo(k)fluoranthene	23.515	252	4116495	48.965	ng	100
90) Benzo(a)pyrene	24.262	252	4018826	52.718	ng	99
91) Dibenzo(a,h)anthracene	27.844	278	4247908	50.933	ng	99
92) Benzo(g,h,i)perylene	28.844	276	4195721	49.231	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049895.D
Acq On : 11 Apr 2025 10:56
Operator : RC/JU
Sample : PB167544BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167544BS

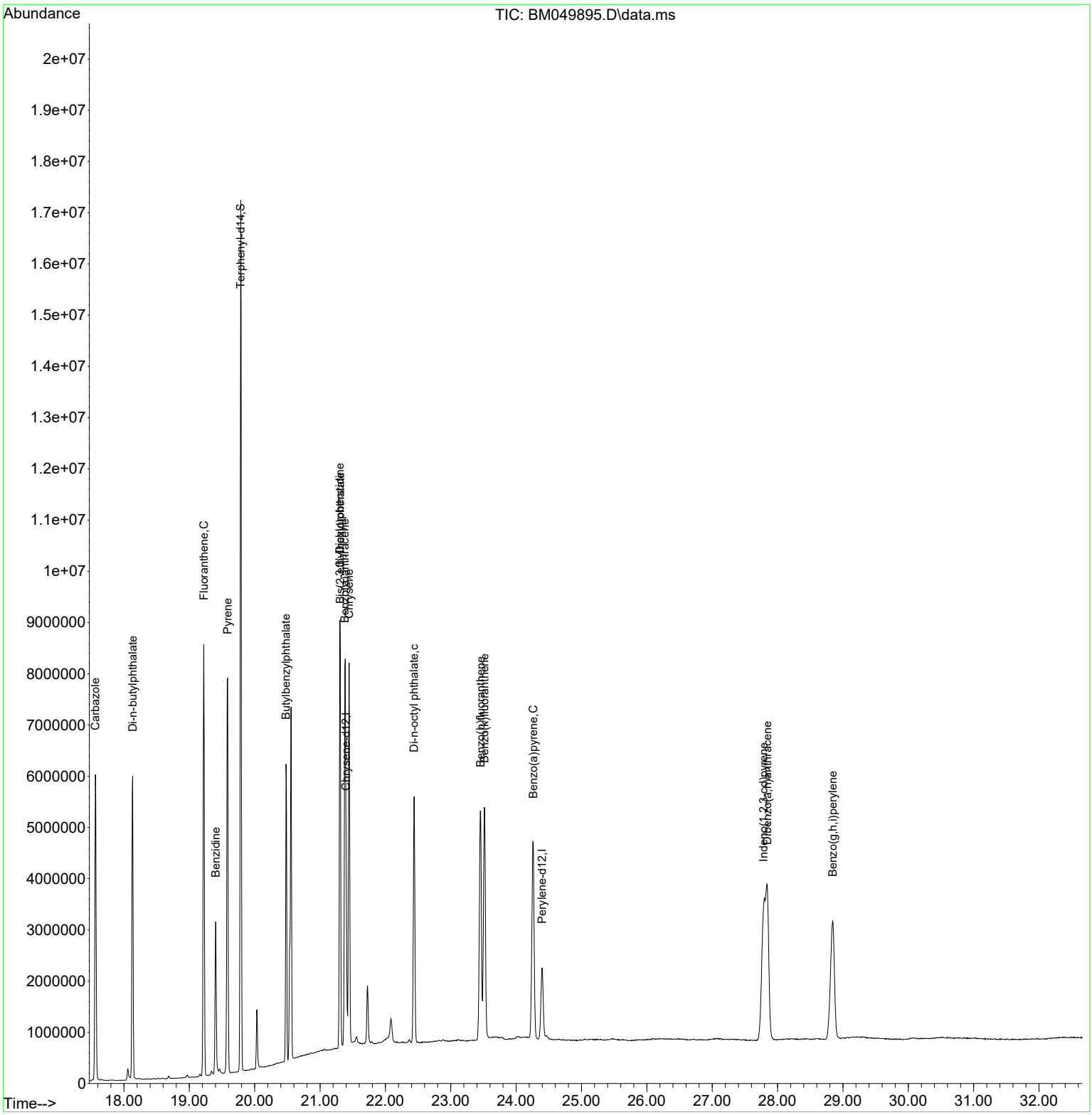
Quant Time: Apr 11 12:13:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049895.D
Acq On : 11 Apr 2025 10:56
Operator : RC/JU
Sample : PB167544BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167544BS

Quant Time: Apr 11 12:13:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049897.D
Acq On : 11 Apr 2025 12:20
Operator : RC/JU
Sample : Q1761-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 11 13:05:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GST3MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/14/2025
Supervised By :Jagrut Upadhyay 04/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	398038	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1400227	20.000	ng	0.00
39) Acenaphthene-d10	14.421	164	921596	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1779577	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1521016	20.000	ng	0.00
86) Perylene-d12	24.391	264	1498756	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2620349	111.787	ng	0.00
7) Phenol-d6	6.957	99	3316422	113.715	ng	0.00
23) Nitrobenzene-d5	8.934	82	1826404	72.634	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1639606	122.313	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	4944152	72.747	ng	0.00
79) Terphenyl-d14	19.786	244	7310413	90.072	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	396907	41.115	ng	99
3) Pyridine	3.657	79	1111515	43.823	ng	98
4) n-Nitrosodimethylamine	3.569	42	456107	47.253	ng	98
6) Aniline	7.104	93	951439	38.072	ng	99
8) 2-Chlorophenol	7.345	128	1238038	51.538	ng	100
9) Benzaldehyde	6.916	77	680086	45.441	ng	97
10) Phenol	6.981	94	1474293	51.802	ng	98
11) bis(2-Chloroethyl)ether	7.198	93	1114829	49.951	ng	99
12) 1,3-Dichlorobenzene	7.669	146	1408845	49.606	ng	99
13) 1,4-Dichlorobenzene	7.810	146	1414062	49.483	ng	99
14) 1,2-Dichlorobenzene	8.128	146	1358603	50.475	ng	100
15) Benzyl Alcohol	8.016	79	991685	53.999	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.304	45	1302003	52.340	ng	100
17) 2-Methylphenol	8.228	107	947495	54.024	ng	99
18) Hexachloroethane	8.857	117	490660	49.351	ng	96
19) n-Nitroso-di-n-propyla...	8.587	70	827807	51.248	ng	99
20) 3+4-Methylphenols	8.551	107	1296004	54.202	ng	99
22) Acetophenone	8.598	105	1640443	48.206	ng	100
24) Nitrobenzene	8.975	77	1178336	48.666	ng	97
25) Isophorone	9.504	82	2279301	54.110	ng	99
26) 2-Nitrophenol	9.686	139	659816	51.415	ng	99
27) 2,4-Dimethylphenol	9.751	122	1081365	74.353	ng	99
28) bis(2-Chloroethoxy)met...	9.981	93	1426247	50.575	ng	99
29) 2,4-Dichlorophenol	10.228	162	1258087	52.040	ng	98
30) 1,2,4-Trichlorobenzene	10.433	180	1373870	49.124	ng	99
31) Naphthalene	10.622	128	3398694	47.237	ng	99
32) Benzoic acid	9.904	122	792138m	44.664	ng	
33) 4-Chloroaniline	10.728	127	415897	16.370	ng	98
34) Hexachlorobutadiene	10.910	225	872371	50.428	ng	99
35) Caprolactam	11.522	113	347822	50.164	ng	96
36) 4-Chloro-3-methylphenol	11.869	107	1109094	52.374	ng	98
37) 2-Methylnaphthalene	12.233	142	2290574	45.186	ng	99
38) 1-Methylnaphthalene	12.457	142	2410802	48.815	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	1613836	50.054	ng	99
41) Hexachlorocyclopentadiene	12.592	237	2158702	191.075	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	1075090	52.401	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049897.D
Acq On : 11 Apr 2025 12:20
Operator : RC/JU
Sample : Q1761-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 11 13:05:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GST3MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/14/2025
Supervised By :Jagrut Upadhyay 04/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	1170147	52.484	ng	99
46) 1,1'-Biphenyl	13.251	154	3363229	49.092	ng	100
47) 2-Chloronaphthalene	13.292	162	2643920	49.101	ng	99
48) 2-Nitroaniline	13.498	65	643988	51.696	ng	99
49) Acenaphthylene	14.139	152	4197613	53.517	ng	99
50) Dimethylphthalate	13.880	163	3273425	50.347	ng	99
51) 2,6-Dinitrotoluene	13.992	165	708816	52.035	ng	100
52) Acenaphthene	14.486	154	2450799	49.122	ng	99
53) 3-Nitroaniline	14.321	138	290745	22.083	ng	92
54) 2,4-Dinitrophenol	14.533	184	862493	86.760	ng	95
55) Dibenzofuran	14.821	168	3997202	47.926	ng	98
56) 4-Nitrophenol	14.645	139	1255789	107.036	ng	99
57) 2,4-Dinitrotoluene	14.786	165	984271	54.162	ng	95
58) Fluorene	15.468	166	3312023	49.958	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	991195	50.723	ng	97
60) Diethylphthalate	15.245	149	3055827	49.010	ng	98
61) 4-Chlorophenyl-phenyle...	15.463	204	1828146	51.433	ng	98
62) 4-Nitroaniline	15.486	138	652892	47.953	ng	99
63) Azobenzene	15.757	77	2915396	54.614	ng	96
65) 4,6-Dinitro-2-methylph...	15.551	198	557624	49.725	ng	97
66) n-Nitrosodiphenylamine	15.680	169	2818922	52.931	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	1121321	54.278	ng	95
68) Hexachlorobenzene	16.474	284	1280020	54.018	ng	99
69) Atrazine	16.633	200	1041186	75.403	ng	97
70) Pentachlorophenol	16.815	266	1777954	101.914	ng	99
71) Phenanthrene	17.204	178	5014269	51.395	ng	100
72) Anthracene	17.298	178	5118456	53.236	ng	100
73) Carbazole	17.562	167	4537431	50.105	ng	99
74) Di-n-butylphthalate	18.133	149	5207201	49.922	ng	100
75) Fluoranthene	19.221	202	5833029	48.625	ng	99
77) Benzidine	19.403	184	2195825	108.820	ng	100
78) Pyrene	19.586	202	5876662	56.061	ng	99
80) Butylbenzylphthalate	20.480	149	2147355	54.517	ng	99
81) Benzo(a)anthracene	21.380	228	5371938	53.142	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	998618	26.159	ng	99
83) Chrysene	21.445	228	4869666	50.671	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	3032341	52.840	ng	98
85) Di-n-octyl phthalate	22.439	149	5028056	50.083	ng	99
87) Indeno(1,2,3-cd)pyrene	27.785	276	5782529	51.760	ng	99
88) Benzo(b)fluoranthene	23.450	252	4790847	50.051	ng	99
89) Benzo(k)fluoranthene	23.515	252	4889726	52.714	ng	99
90) Benzo(a)pyrene	24.262	252	4626971	55.010	ng	98
91) Dibenzo(a,h)anthracene	27.838	278	4720792	51.301	ng	100
92) Benzo(g,h,i)perylene	28.844	276	4614103	49.068	ng	99

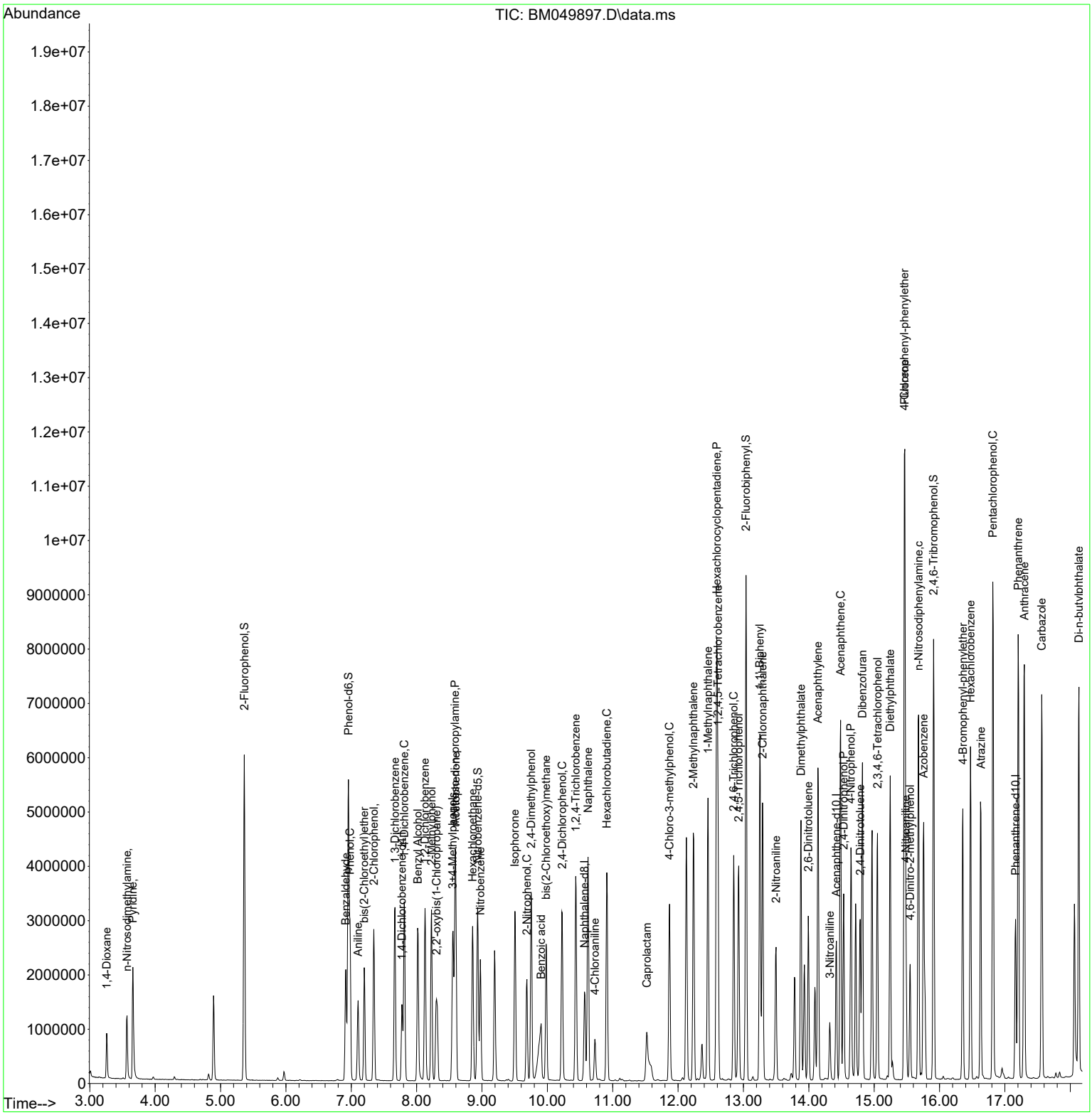
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049897.D
Acq On : 11 Apr 2025 12:20
Operator : RC/JU
Sample : Q1761-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 11 13:05:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GST3MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/14/2025
Supervised By :Jagrut Upadhyay 04/14/2025



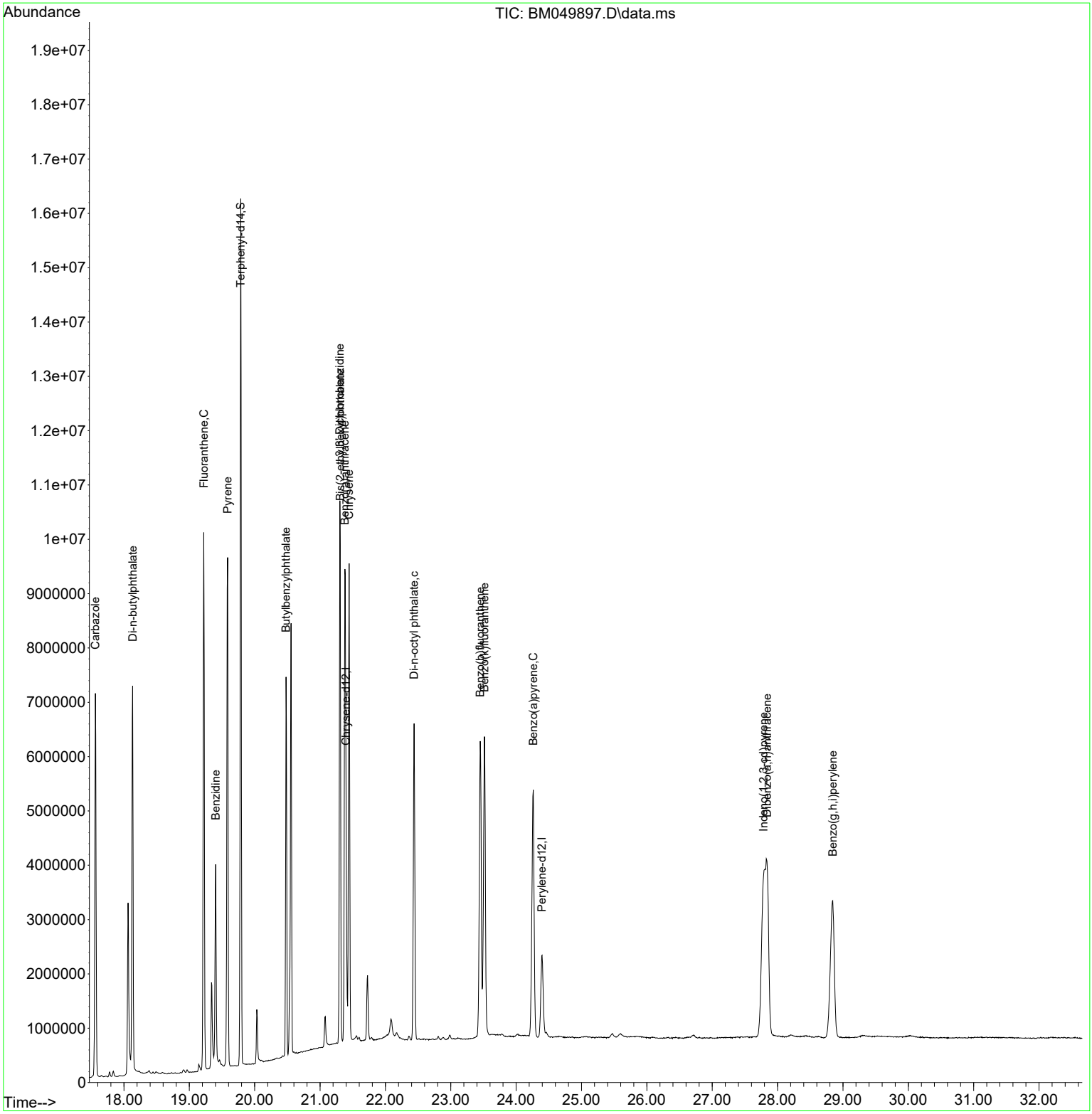
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049897.D
Acq On : 11 Apr 2025 12:20
Operator : RC/JU
Sample : Q1761-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 11 13:05:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GST3MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/14/2025
Supervised By :Jagrut Upadhyay 04/14/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049898.D
Acq On : 11 Apr 2025 12:59
Operator : RC/JU
Sample : Q1761-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GST3MSD

Quant Time: Apr 11 13:44:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	400986	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1382295	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	886995	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1654145	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1374176	20.000	ng	0.00
86) Perylene-d12	24.397	264	1418231	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2648138	112.142	ng	0.00
7) Phenol-d6	6.957	99	3320054	113.003	ng	0.00
23) Nitrobenzene-d5	8.934	82	1837091	74.007	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1535504	119.016	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	4836128	73.933	ng	0.00
79) Terphenyl-d14	19.786	244	6526396	89.005	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	411480	42.311	ng	98
3) Pyridine	3.658	79	1135292	44.432	ng	99
4) n-Nitrosodimethylamine	3.569	42	467606	48.089	ng	97
6) Aniline	7.104	93	940119	37.343	ng	99
8) 2-Chlorophenol	7.345	128	1240316	51.253	ng	100
9) Benzaldehyde	6.916	77	689444	45.728	ng	98
10) Phenol	6.981	94	1475976	51.480	ng	98
11) bis(2-Chloroethyl)ether	7.198	93	1140893	50.743	ng	99
12) 1,3-Dichlorobenzene	7.663	146	1432961	50.084	ng	99
13) 1,4-Dichlorobenzene	7.810	146	1439366	49.998	ng	98
14) 1,2-Dichlorobenzene	8.128	146	1375788	50.738	ng	100
15) Benzyl Alcohol	8.016	79	985490	53.267	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	1305723	52.104	ng	99
17) 2-Methylphenol	8.228	107	945629	53.521	ng	99
18) Hexachloroethane	8.857	117	497965	49.718	ng	96
19) n-Nitroso-di-n-propyla...	8.587	70	832002	51.130	ng	98
20) 3+4-Methylphenols	8.551	107	1280979	53.179	ng	99
22) Acetophenone	8.598	105	1649958	49.115	ng	99
24) Nitrobenzene	8.975	77	1171100	48.995	ng	98
25) Isophorone	9.504	82	2244514	53.975	ng	99
26) 2-Nitrophenol	9.687	139	656771	51.842	ng	99
27) 2,4-Dimethylphenol	9.751	122	1060021	73.831	ng	99
28) bis(2-Chloroethoxy)met...	9.981	93	1422065	51.081	ng	98
29) 2,4-Dichlorophenol	10.222	162	1234756	51.738	ng	99
30) 1,2,4-Trichlorobenzene	10.434	180	1379917	49.981	ng	99
31) Naphthalene	10.622	128	3405888	47.951	ng	99
32) Benzoic acid	9.904	122	758654	43.585	ng	98
33) 4-Chloroaniline	10.728	127	434899	17.340	ng	99
34) Hexachlorobutadiene	10.910	225	878595	51.446	ng	99
35) Caprolactam	11.516	113	329748	48.174	ng	98
36) 4-Chloro-3-methylphenol	11.869	107	1069922	51.180	ng	99
37) 2-Methylnaphthalene	12.233	142	2250762	44.976	ng	100
38) 1-Methylnaphthalene	12.457	142	2364350	48.495	ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	1579385	50.897	ng	99
41) Hexachlorocyclopentadiene	12.592	237	2157971	198.461	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	1039494	52.643	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049898.D
Acq On : 11 Apr 2025 12:59
Operator : RC/JU
Sample : Q1761-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GST3MSD

Quant Time: Apr 11 13:44:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

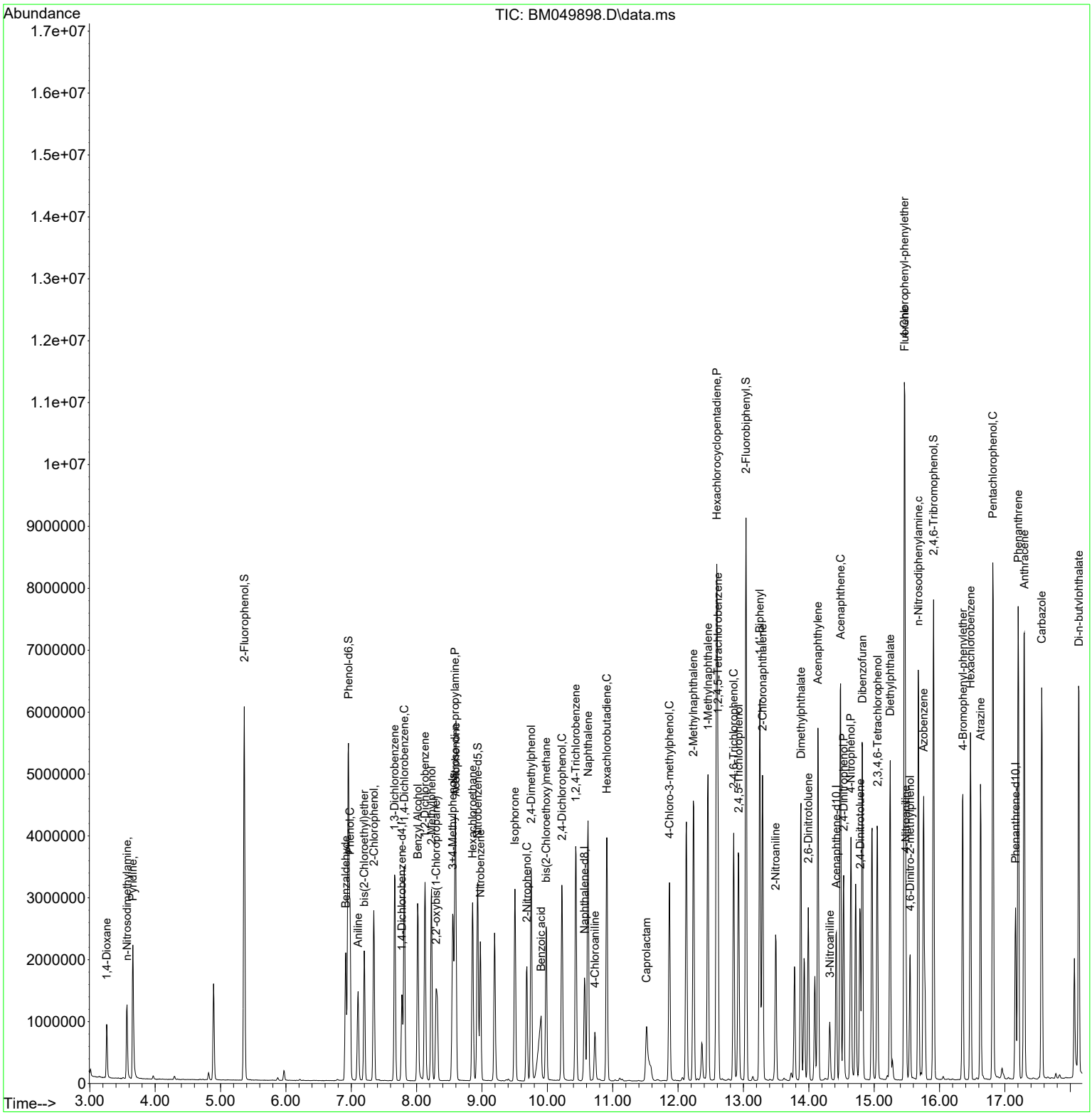
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	1113199	51.877	ng	98
46) 1,1'-Biphenyl	13.251	154	3274438	49.661	ng	99
47) 2-Chloronaphthalene	13.292	162	2580046	49.784	ng	99
48) 2-Nitroaniline	13.492	65	616761	51.442	ng	98
49) Acenaphthylene	14.139	152	4059287	53.772	ng	99
50) Dimethylphthalate	13.880	163	3112245	49.735	ng	99
51) 2,6-Dinitrotoluene	13.992	165	676696	51.615	ng	97
52) Acenaphthene	14.486	154	2376842	49.499	ng	99
53) 3-Nitroaniline	14.322	138	259980	20.517	ng	97
54) 2,4-Dinitrophenol	14.533	184	839012	87.613	ng	97
55) Dibenzofuran	14.821	168	3814383	47.518	ng	98
56) 4-Nitrophenol	14.645	139	1159928	102.722	ng	98
57) 2,4-Dinitrotoluene	14.786	165	921810	52.703	ng	94
58) Fluorene	15.468	166	3163617	49.581	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	925129	49.189	ng	98
60) Diethylphthalate	15.245	149	2842984	47.375	ng	98
61) 4-Chlorophenyl-phenyle...	15.463	204	1728010	50.513	ng	99
62) 4-Nitroaniline	15.486	138	605277	46.190	ng	99
63) Azobenzene	15.757	77	2757090	53.664	ng	96
65) 4,6-Dinitro-2-methylph...	15.551	198	529563	50.804	ng	97
66) n-Nitrosodiphenylamine	15.674	169	2649054	53.514	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	1047333	54.541	ng	96
68) Hexachlorobenzene	16.474	284	1185005	53.800	ng	99
69) Atrazine	16.627	200	955359	74.434	ng	98
70) Pentachlorophenol	16.815	266	1633614	100.741	ng	99
71) Phenanthrene	17.204	178	4670985	51.507	ng	100
72) Anthracene	17.298	178	4746180	53.107	ng	100
73) Carbazole	17.562	167	4153461	49.343	ng	100
74) Di-n-butylphthalate	18.133	149	4750311	48.996	ng	99
75) Fluoranthene	19.221	202	5288214	47.427	ng	99
77) Benzidine	19.404	184	2062728	113.148	ng	100
78) Pyrene	19.586	202	5354267	56.536	ng	99
80) Butylbenzylphthalate	20.480	149	1930042	54.236	ng	99
81) Benzo(a)anthracene	21.380	228	4861226	53.229	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	936523	27.154	ng	100
83) Chrysene	21.445	228	4491447	51.730	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2715105	52.367	ng	100
85) Di-n-octyl phthalate	22.439	149	4563566	50.313	ng	99
87) Indeno(1,2,3-cd)pyrene	27.785	276	5619213	53.153	ng	99
88) Benzo(b)fluoranthene	23.450	252	4620636	51.013	ng	100
89) Benzo(k)fluoranthene	23.515	252	4460551	50.818	ng	100
90) Benzo(a)pyrene	24.256	252	4390591	55.163	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	4609687	52.938	ng	99
92) Benzo(g,h,i)perylene	28.838	276	4520433	50.802	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049898.D
Acq On : 11 Apr 2025 12:59
Operator : RC/JU
Sample : Q1761-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GST3MSD

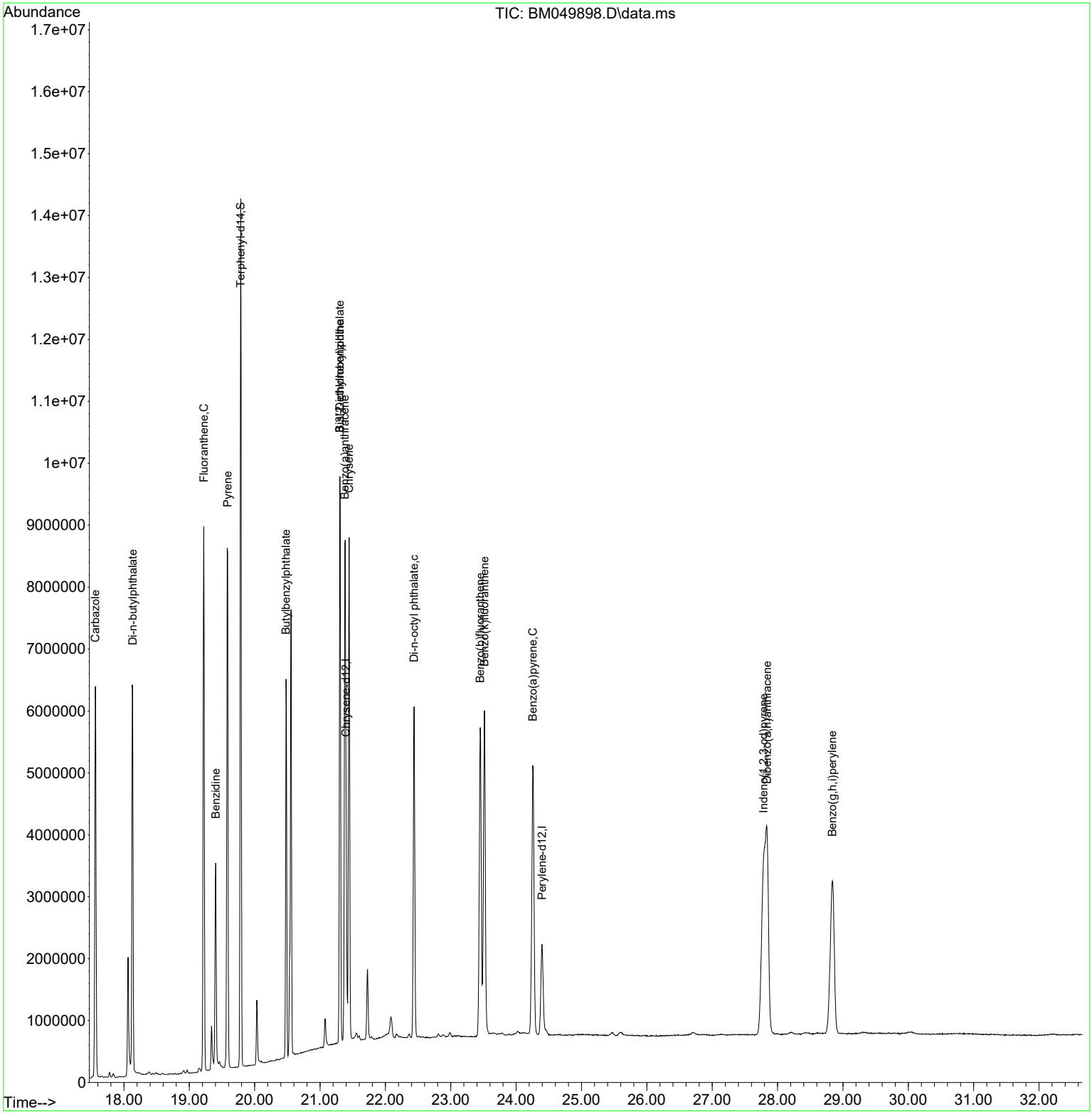
Quant Time: Apr 11 13:44:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049898.D
Acq On : 11 Apr 2025 12:59
Operator : RC/JU
Sample : Q1761-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GST3MSD

Quant Time: Apr 11 13:44:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



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

Manual Integration Report

Sequence:	BM040825	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BM049849.D	Benzaldehyde	anahy	4/9/2025 10:32:06 AM	Jagrut	4/9/2025 4:46:22 PM	Peak Integrated by Software
SSTDICC010	BM049850.D	Benzoic acid	anahy	4/9/2025 10:32:44 AM	Jagrut	4/9/2025 4:46:25 PM	Peak Integrated by Software
SSTDICC060	BM049854.D	Pyridine	anahy	4/9/2025 10:33:20 AM	Jagrut	4/9/2025 4:46:27 PM	Peak Integrated by Software
SSTDICC080	BM049855.D	Pyridine	anahy	4/9/2025 10:34:03 AM	Jagrut	4/9/2025 4:46:30 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	bm041125	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BM049893.D	Benzoic acid	Rahul	4/14/2025 11:03:55 AM	Jagrut	4/14/2025 1:08:25 PM	Peak Integrated by Software
Q1761-01MS	BM049897.D	Benzoic acid	Rahul	4/14/2025 11:03:58 AM	Jagrut	4/14/2025 1:08:28 PM	Peak Integrated by Software

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

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM040825

Review By	anahy	Review On	4/9/2025 10:38:14 AM		
Supervise By	Jagrut	Supervise On	4/9/2025 4:50:06 PM		
SubDirectory	BM040825	HP Acquire Method	BNA_M	HP Processing Method	bm040825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12657,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM049847.D	08 Apr 2025 12:55	RC/JU	Ok
2	SSTDICC2.5	BM049848.D	08 Apr 2025 13:35	RC/JU	Ok
3	SSTDICC005	BM049849.D	08 Apr 2025 14:14	RC/JU	Ok,M
4	SSTDICC010	BM049850.D	08 Apr 2025 14:53	RC/JU	Ok,M
5	SSTDICC020	BM049851.D	08 Apr 2025 15:32	RC/JU	Ok
6	SSTDICCC040	BM049852.D	08 Apr 2025 16:12	RC/JU	Ok
7	SSTDICC050	BM049853.D	08 Apr 2025 17:30	RC/JU	Ok
8	SSTDICC060	BM049854.D	08 Apr 2025 19:28	RC/JU	Ok,M
9	SSTDICC080	BM049855.D	08 Apr 2025 20:07	RC/JU	Ok,M
10	SSTDICV040	BM049856.D	08 Apr 2025 20:47	RC/JU	Ok
11	PB167474BL	BM049857.D	08 Apr 2025 21:26	RC/JU	Not Ok

M : Manual Integration

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

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM041125

Review By	Rahul	Review On	4/14/2025 11:04:55 AM		
Supervise By	Jagrut	Supervise On	4/14/2025 1:08:59 PM		
SubDirectory	BM041125	HP Acquire Method	BNA_M	HP Processing Method	bm040825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12658,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM049892.D	11 Apr 2025 08:58	RC/JU	Ok
2	SSTDCCC040	BM049893.D	11 Apr 2025 09:37	RC/JU	Ok,M
3	PB167544BL	BM049894.D	11 Apr 2025 10:17	RC/JU	Ok
4	PB167544BS	BM049895.D	11 Apr 2025 10:56	RC/JU	Ok
5	Q1761-01	BM049896.D	11 Apr 2025 11:41	RC/JU	Ok
6	Q1761-01MS	BM049897.D	11 Apr 2025 12:20	RC/JU	Ok,M
7	Q1761-01MSD	BM049898.D	11 Apr 2025 12:59	RC/JU	Ok
8	Q1752-08	BM049899.D	11 Apr 2025 13:38	RC/JU	Ok
9	Q1753-04	BM049900.D	11 Apr 2025 14:18	RC/JU	Ok
10	Q1753-08	BM049901.D	11 Apr 2025 14:57	RC/JU	Ok
11	Q1771-09	BM049902.D	11 Apr 2025 15:36	RC/JU	Ok
12	Q1760-01	BM049903.D	11 Apr 2025 16:15	RC/JU	Ok
13	Q1760-05	BM049904.D	11 Apr 2025 16:55	RC/JU	Dilution
14	Q1756-01	BM049905.D	11 Apr 2025 17:34	RC/JU	Ok,M
15	Q1768-01	BM049906.D	11 Apr 2025 18:13	RC/JU	Ok
16	Q1771-01	BM049907.D	11 Apr 2025 18:53	RC/JU	Ok
17	Q1771-05	BM049908.D	11 Apr 2025 19:32	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM040825

Review By	anahy	Review On	4/9/2025 10:38:14 AM		
Supervise By	Jagrut	Supervise On	4/9/2025 4:50:06 PM		
SubDirectory	BM040825	HP Acquire Method	BNA_M	HP Processing Method	bm040825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12657,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM049847.D	08 Apr 2025 12:55		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM049848.D	08 Apr 2025 13:35		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM049849.D	08 Apr 2025 14:14	Compound #32,54,65 removed from 5ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BM049850.D	08 Apr 2025 14:53	Compound #32,54 kept on LR	RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM049851.D	08 Apr 2025 15:32	This calibration is fail for Com#77	RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BM049852.D	08 Apr 2025 16:12	This calibration is good for 8270E DOD except Com#77 and good for 625.1 method	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BM049853.D	08 Apr 2025 17:30		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BM049854.D	08 Apr 2025 19:28	Compound #69 Removed from 60PPM	RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BM049855.D	08 Apr 2025 20:07	Compound #69 Removed from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBM040825	BM049856.D	08 Apr 2025 20:47		RC/JU	Ok
11	PB167474BL	PB167474BL	BM049857.D	08 Apr 2025 21:26	Use for Q1730 only	RC/JU	Not Ok

M : Manual Integration

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

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM041125

Review By	Rahul	Review On	4/14/2025 11:04:55 AM		
Supervise By	Jagrut	Supervise On	4/14/2025 1:08:59 PM		
SubDirectory	BM041125	HP Acquire Method	BNA_M	HP Processing Method	bm040825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12658,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM049892.D	11 Apr 2025 08:58		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM049893.D	11 Apr 2025 09:37		RC/JU	Ok,M
3	PB167544BL	PB167544BL	BM049894.D	11 Apr 2025 10:17		RC/JU	Ok
4	PB167544BS	PB167544BS	BM049895.D	11 Apr 2025 10:56		RC/JU	Ok
5	Q1761-01	GST3	BM049896.D	11 Apr 2025 11:41		RC/JU	Ok
6	Q1761-01MS	GST3MS	BM049897.D	11 Apr 2025 12:20		RC/JU	Ok,M
7	Q1761-01MSD	GST3MSD	BM049898.D	11 Apr 2025 12:59		RC/JU	Ok
8	Q1752-08	TP-3	BM049899.D	11 Apr 2025 13:38		RC/JU	Ok
9	Q1753-04	WC-1	BM049900.D	11 Apr 2025 14:18		RC/JU	Ok
10	Q1753-08	WC-2	BM049901.D	11 Apr 2025 14:57	Internal Standard Fail and Surrogate Fail	RC/JU	Ok
11	Q1771-09	TP-3A	BM049902.D	11 Apr 2025 15:36		RC/JU	Ok
12	Q1760-01	TP-17	BM049903.D	11 Apr 2025 16:15		RC/JU	Ok
13	Q1760-05	TP-15	BM049904.D	11 Apr 2025 16:55	Need 5X Dilution	RC/JU	Dilution
14	Q1756-01	TP-9	BM049905.D	11 Apr 2025 17:34		RC/JU	Ok,M
15	Q1768-01	CRUSHED STONE	BM049906.D	11 Apr 2025 18:13		RC/JU	Ok
16	Q1771-01	TP-6C	BM049907.D	11 Apr 2025 18:53		RC/JU	Ok
17	Q1771-05	TP-7C	BM049908.D	11 Apr 2025 19:32		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167544

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	N/A			**Extraction Start Date :**	04/10/2025
Matrix :	Solid			**Extraction Start Time :**	08:55
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	04/10/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	12:15
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	rajesh

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6752
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2600
Baked Na2SO4	N/A	EP2599
Sand	N/A	EP2865
Methylene Chloride	N/A	E3926
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210673. Q1771-01,03,05 Added in batch at 9:15.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/10/25	RP (Ext. Lab)	AE/SVOC
12:20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167544

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 04/10/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167544BL	SBLK544	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			U6-1
PB167544BS	SLCS544	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q1756-01	TP-9	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		3
Q1760-01	TP-17	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		4
Q1760-05	TP-15	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		5
Q1761-01	GST-3	SVOC-PAH	30.05	N/A	ritesh	Evelyn	1	E		6
Q1761-01MS	GST-3MS	SVOC-PAH	30.01	N/A	ritesh	Evelyn	1	E		U7-1
Q1761-01MSD	GST-3MSD	SVOC-PAH	30.03	N/A	ritesh	Evelyn	1	E		2
Q1771-01	TP-6C	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	A		3
Q1771-05	TP-7C	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	A		4
Q1771-09	TP-3A	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	A		5

4/10/25

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1771 **WorkList ID :** 188844 **Department :** Extraction **Date :** 04-10-2025 09:11:23

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1771-01	TP-6C	Solid	PCB	Cool 4 deg C	PSEG03	F11	04/09/2025	8082A
Q1771-01	TP-6C	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	F11	04/09/2025	8081B
Q1771-01	TP-6C	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	F11	04/09/2025	8270E
Q1771-05	TP-7C	Solid	PCB	Cool 4 deg C	PSEG03	F11	04/09/2025	8082A
Q1771-05	TP-7C	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	F11	04/09/2025	8081B
Q1771-05	TP-7C	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	F11	04/09/2025	8270E
Q1771-09	TP-3A	Solid	PCB	Cool 4 deg C	PSEG03	F11	04/09/2025	8082A
Q1771-09	TP-3A	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	F11	04/09/2025	8081B
Q1771-09	TP-3A	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	F11	04/09/2025	8270E

Date/Time 04/10/25 9:13
Raw Sample Received by: RJ (Eurofins)
Raw Sample Relinquished by: CP

Date/Time 04/10/25 9:25
Raw Sample Received by: CP
Raw Sample Relinquished by: RJ (Eurofins)

Q1761

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1761 **WorkList ID :** 188840 **Department :** Extraction **Date :** 04-10-2025 08:17:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1756-01	TP-9	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	04/09/2025	8270E
Q1760-01	TP-17	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	04/09/2025	8270E
Q1760-05	TP-15	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	04/09/2025	8270E
Q1761-01	GST-3	Solid	SVOC-PAH	Cool 4 deg C	GENV01	L31	04/08/2025	8270E

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Date/Time 04/10/25 8:30
Raw Sample Received by: RJ (Eat Lab)
Raw Sample Relinquished by:

Date/Time 04/10/25 9:20
Raw Sample Received by:
Raw Sample Relinquished by: RJ (Eat Lab)

Q1761

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

LAB CHRONICLE

OrderID:	Q1761	**OrderDate:**	4/9/2025 2:47:00 PM
Client:	G Environmental	**Project:**	Stockton
Contact:	Gary Landis	**Location:**	L31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1761-01	**GST3**	**SOIL**			**04/08/25**			**04/09/25**
			SVOC-PAH	8270E		04/10/25	04/11/25	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q1761
QUOTE NO.
COC Number 2046128

7
7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: GECP INC
ADDRESS: 8 CARRIAGE
CITY SUCCASUNNA STATE NJ ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: STOCKTON
PROJECT NO.: LOCATION:
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: GECP INC 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 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) X NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
X EDD FORMAT NJDEP SRP HazSite Excel Deliv

ANALYSIS

PAH VOA TICS + TCL

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9
								PRESERVATIVES:	Terra Core							
1.	GST3	Soil		X	4/8/25	12:54		X	X							
2.																
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	4/9/25 13:45	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments: 2 Coolers

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

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

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1761 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 4/9/2025 2:47:00 PM
Project Name : Stockton
Receive DateTime : 4/9/2025 1:45:00 PM
Purchase Order :

Project Mgr :
Report Type : ~~Level 1~~ NJ Reduced
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1761-01	~~GST-3~~ GST3	Solid	04/08/2025	12:15	VOC-TCLVOA-10		8260D		10 Bus. Days

YG 04/15/2025

Relinguished By : _____
Date / Time : 4.9.25 1525

Received By : _____
Date / Time : 4/9/25 1525

Storage Area : VOA Refridgerator Room