

Hit Summary Sheet SW-846

SDG No.: Q1331
Client: G Environmental

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



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Hit Summary Sheet
SW-846

SDG No.: Q1331
Client: G Environmental

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



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1R	SDG No.:	Q1331
Lab Sample ID:	Q1331-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141623.D	1	02/10/25 08:35	02/13/25 19:01	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.3	ug/L
108-95-2	Phenol	0.96	U	0.96	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1.20	5.20	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	5.20	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.20	ug/L
98-86-2	Acetophenone	1.10	U	1.10	5.20	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.20	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.20	ug/L
78-59-1	Isophorone	1.20	U	1.20	5.20	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.20	ug/L
105-67-9	2,4-Dimethylphenol	1.60	U	1.60	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.10	U	1.10	5.20	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	5.20	ug/L
91-20-3	Naphthalene	1.10	U	1.10	5.20	ug/L
106-47-8	4-Chloroaniline	1.30	UQ	1.30	5.20	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.20	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	5.20	ug/L
91-57-6	2-Methylnaphthalene	1.20	U	1.20	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	5.20	U	5.20	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.20	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	5.20	ug/L
91-58-7	2-Chloronaphthalene	1.00	U	1.00	5.20	ug/L
88-74-4	2-Nitroaniline	1.50	U	1.50	5.20	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	5.20	ug/L

Report of Analysis

Client:	G Environmental		Date Collected:	02/06/25	
Project:	Power		Date Received:	02/07/25	
Client Sample ID:	MW1R		SDG No.:	Q1331	
Lab Sample ID:	Q1331-01		Matrix:	Water	
Analytical Method:	SW8270		% Solid:	0	
Sample Wt/Vol:	970	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOC-TCL BNA -20	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141623.D	1	02/10/25 08:35	02/13/25 19:01	PB166641

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

Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1R	SDG No.:	Q1331
Lab Sample ID:	Q1331-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141623.D	1	02/10/25 08:35	02/13/25 19:01	PB166641

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

Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1R	SDG No.:	Q1331
Lab Sample ID:	Q1331-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141623.D	1	02/10/25 08:35	02/13/25 19:01	PB166641

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1RDL	SDG No.:	Q1331
Lab Sample ID:	Q1331-01DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141648.D	5	02/10/25 08:35	02/14/25 19:08	PB166641

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

Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1RDL	SDG No.:	Q1331
Lab Sample ID:	Q1331-01DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141648.D	5	02/10/25 08:35	02/14/25 19:08	PB166641

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

Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1RDL	SDG No.:	Q1331
Lab Sample ID:	Q1331-01DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141648.D	5	02/10/25 08:35	02/14/25 19:08	PB166641

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q1331

Client: G Environmental

Analytical Method: 8270E

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1331

Client: G Environmental

Analytical Method: 8270E

DataFile: BF141555.D

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1331

Client: G Environmental

Analytical Method: 8270E

DataFile: BF141555.D

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1331

Client: G Environmental

Analytical Method: 8270E

DataFile: BF141556.D

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1331

Client: G Environmental

Analytical Method: 8270E

DataFile: BF141556.D

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166641BL

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM Case No.: Q1331

SAS No.: Q1331 SDG NO.: Q1331

Lab File ID: BF141554.D

Lab Sample ID: PB166641BL

Instrument ID: BNA_F

Date Extracted: 02/10/2025

Matrix: (soil/water) Water

Date Analyzed: 02/11/2025

Level: (low/med) LOW

Time Analyzed: 11:47

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

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

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM

SAS No.: Q1331

SDG NO.: Q1331

Lab File ID: BF141471.D

DFTPP Injection Date: 02/06/2025

Instrument ID: BNA_F

DFTPP Injection Time: 10:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	43.2
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	49.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.4 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF141472.D	02/06/2025	11:07
SSTDICC005	SSTDICC005	BF141473.D	02/06/2025	11:34
SSTDICC010	SSTDICC010	BF141474.D	02/06/2025	12:00
SSTDICC020	SSTDICC020	BF141475.D	02/06/2025	12:26
SSTDICCC040	SSTDICCC040	BF141476.D	02/06/2025	12:55
SSTDICC050	SSTDICC050	BF141477.D	02/06/2025	13:21
SSTDICC060	SSTDICC060	BF141478.D	02/06/2025	13:47
SSTDICC080	SSTDICC080	BF141479.D	02/06/2025	14:14

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM

SAS No.: Q1331

SDG NO.: Q1331

Lab File ID: BF141550.D

DFTPP Injection Date: 02/11/2025

Instrument ID: BNA_F

DFTPP Injection Time: 10:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.7
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.4
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	48.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	28.2
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	15.6 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM

SAS No.: Q1331

SDG NO.: Q1331

Lab File ID: BF141602.D

DFTPP Injection Date: 02/13/2025

Instrument ID: BNA_F

DFTPP Injection Time: 09:10

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

1-Value is % mass 69

2-Value is % mass 442

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

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM

SAS No.: Q1331

SDG NO.: Q1331

Lab File ID: BF141638.D

DFTPP Injection Date: 02/14/2025

Instrument ID: BNA_F

DFTPP Injection Time: 14:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.8
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	36.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	15.6 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF141639.D	02/14/2025	15:04
MW1RDL	Q1331-01DL	BF141648.D	02/14/2025	19:08

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

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

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

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

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

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

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

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

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

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

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

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

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

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

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

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

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

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

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

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

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

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

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

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

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

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

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

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

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

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

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

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

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

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

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

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

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB166641BL	SDG No.:	Q1331
Lab Sample ID:	PB166641BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141554.D	1	02/10/25 08:35	02/11/25 11:47	PB166641

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB166641BL	SDG No.:	Q1331
Lab Sample ID:	PB166641BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141554.D	1	02/10/25 08:35	02/11/25 11:47	PB166641

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB166641BL	SDG No.:	Q1331
Lab Sample ID:	PB166641BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141554.D	1	02/10/25 08:35	02/11/25 11:47	PB166641

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB166641BS	SDG No.:	Q1331
Lab Sample ID:	PB166641BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141555.D	1	02/10/25 08:35	02/11/25 12:13	PB166641

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

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Power		Date Received:	
Client Sample ID:	PB166641BS		SDG No.:	Q1331
Lab Sample ID:	PB166641BS		Matrix:	Water
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOC-TCL BNA -20
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141555.D	1	02/10/25 08:35	02/11/25 12:13	PB166641

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB166641BS	SDG No.:	Q1331
Lab Sample ID:	PB166641BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141555.D	1	02/10/25 08:35	02/11/25 12:13	PB166641

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Power		Date Received:	
Client Sample ID:	PB166641BSD		SDG No.:	Q1331
Lab Sample ID:	PB166641BSD		Matrix:	Water
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOC-TCL BNA -20
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141556.D	1	02/10/25 08:35	02/11/25 12:39	PB166641

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB166641BSD	SDG No.:	Q1331
Lab Sample ID:	PB166641BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141556.D	1	02/10/25 08:35	02/11/25 12:39	PB166641

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB166641BSD	SDG No.:	Q1331
Lab Sample ID:	PB166641BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141556.D	1	02/10/25 08:35	02/11/25 12:39	PB166641

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

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

Calibration Files

2.5 =BF141472.D 5 =BF141473.D 10 =BF141474.D 20 =BF141475.D 40 =BF141476.D 50 =BF141477.D 60 =BF141478.D 80 =BF141479.D

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

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

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

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

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

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

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

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

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

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

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

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

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

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

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

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

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

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

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

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

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

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

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

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

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

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

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

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

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

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

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

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

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

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

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

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

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

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

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

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

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

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

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

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

All other compounds must meet a minimum RRF of 0.010.



SAMPLE RAW DATA

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

Instrument :
 BNA_F
 ClientSampleId :
 MW1R

Manual Integrations
 APPROVED

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

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

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

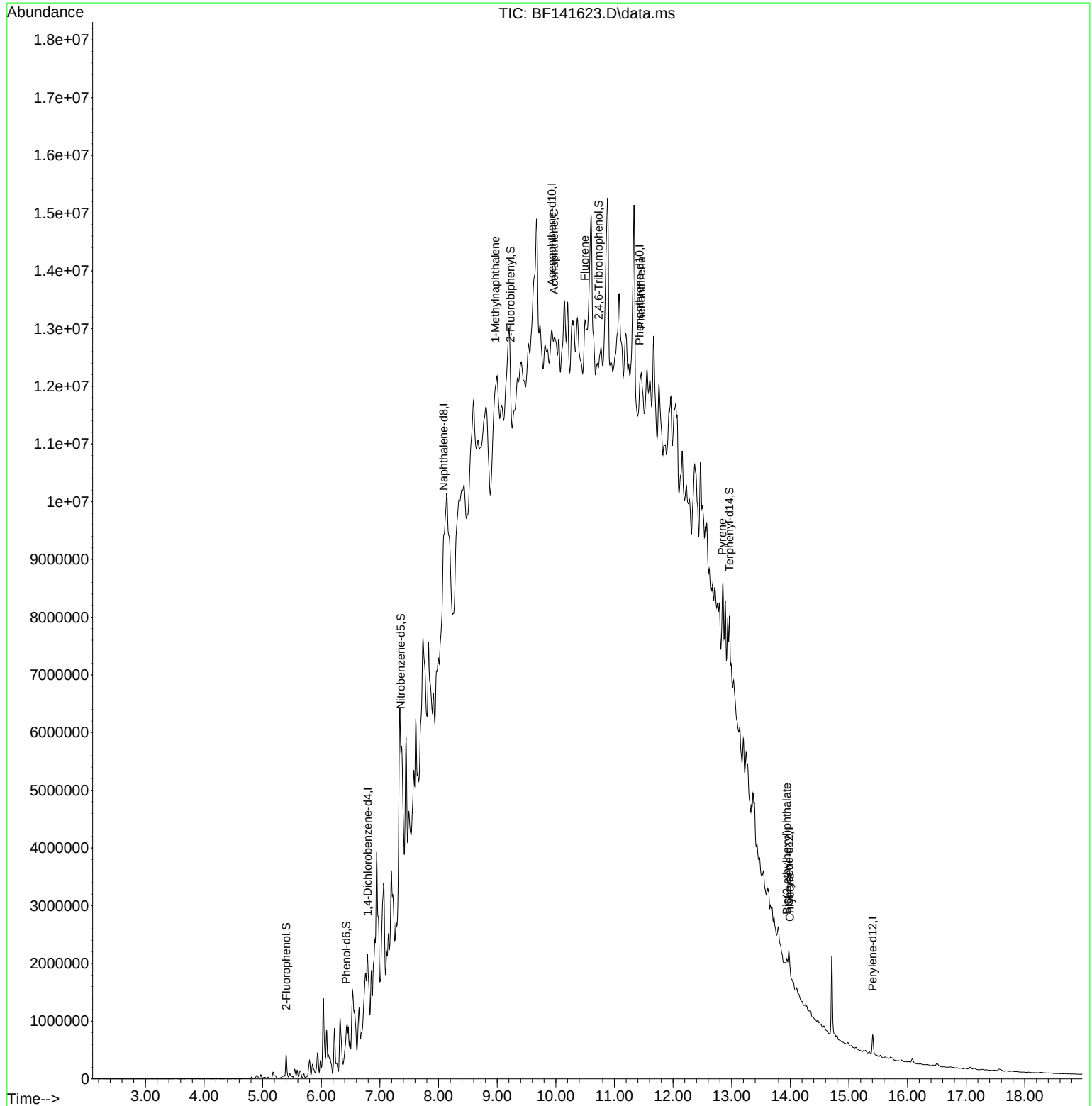
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	71628	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	196997	20.000	ng	# 0.01
39) Acenaphthene-d10	9.934	164	75171	20.000	ng	# 0.10
64) Phenanthrene-d10	11.428	188	109475	20.000	ng	# 0.11
76) Chrysene-d12	13.974	240	177815	20.000	ng	# 0.01
86)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

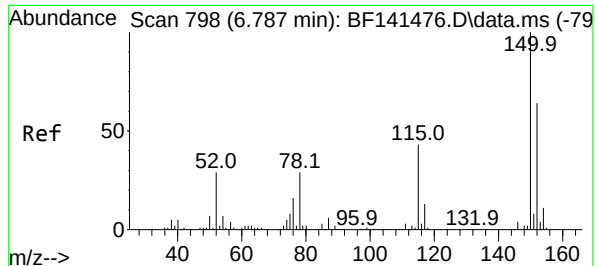
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
MW1R

Manual Integrations

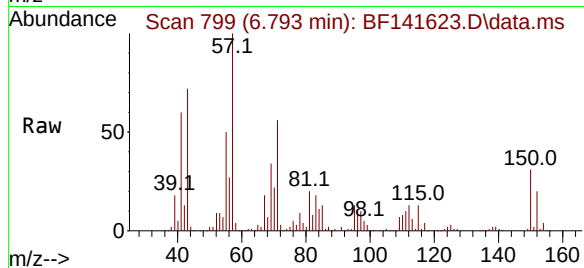
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 798
Delta R.T. 0.001 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

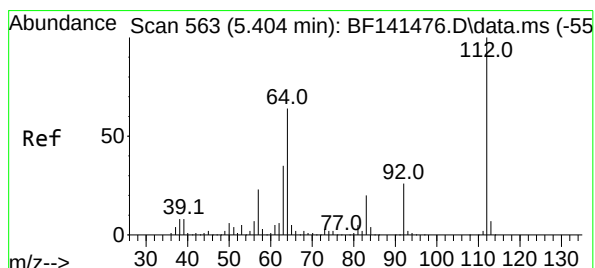
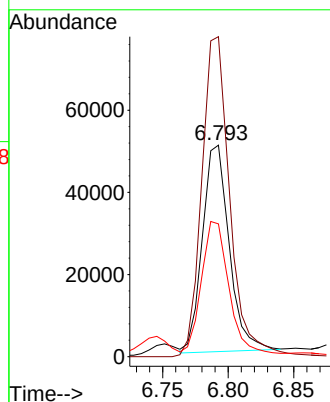
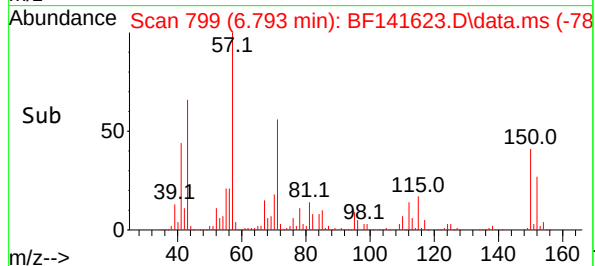
Instrument :
BNA_F
ClientSampleId :
MW1R



Tgt Ion:152 Resp: 71628
Ion Ratio Lower Upper
152 100
150 151.3 125.0 187.4
115 62.8 53.6 80.4

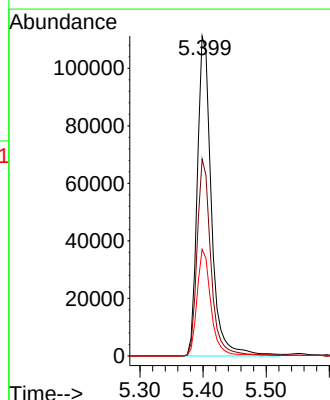
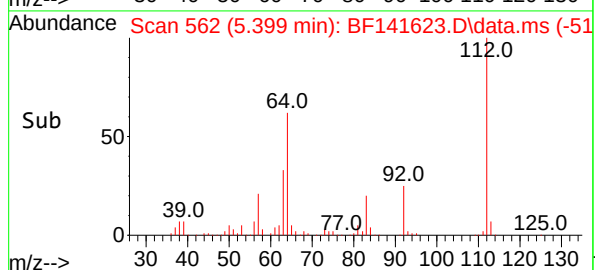
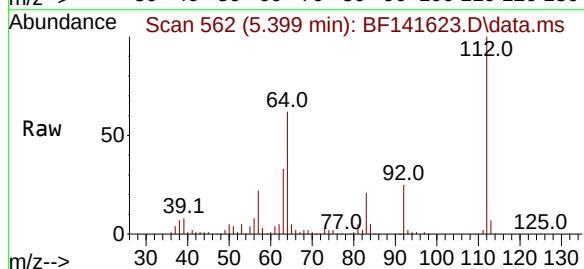
Manual Integrations
APPROVED

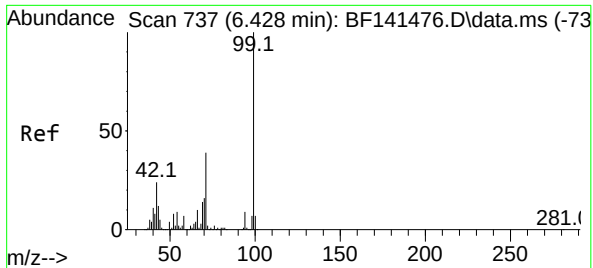
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025



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

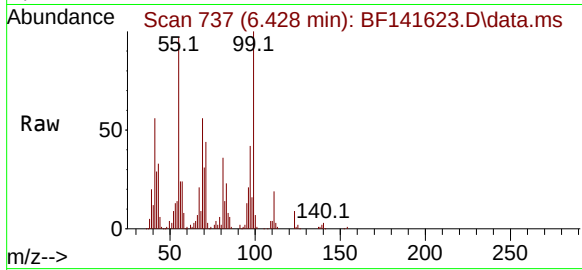
Tgt Ion:112 Resp: 172131
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 33.3 28.4 42.6





#7
Phenol-d6
Concen: 27.289 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

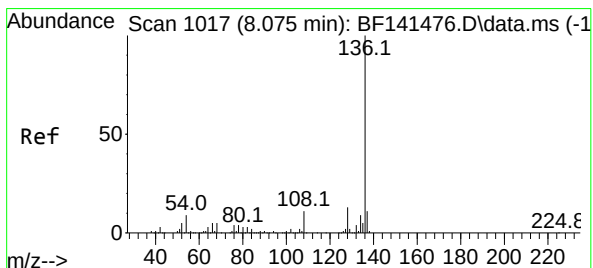
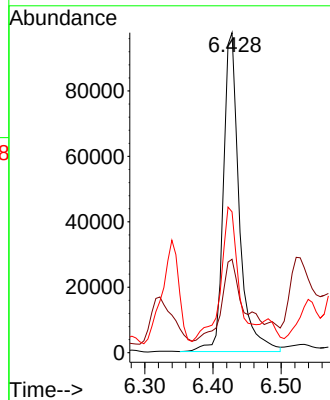
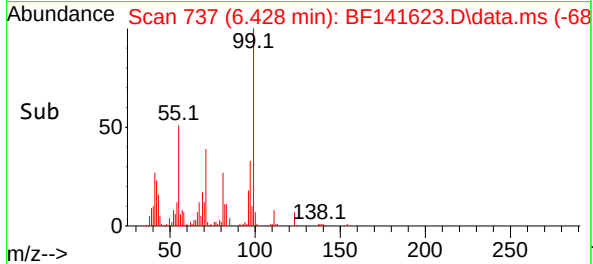
Instrument :
BNA_F
ClientSampleId :
MW1R



Tgt Ion: 99 Resp: 157584
Ion Ratio Lower Upper
99 100
42 29.2 19.1 28.7
71 44.0 31.1 46.7

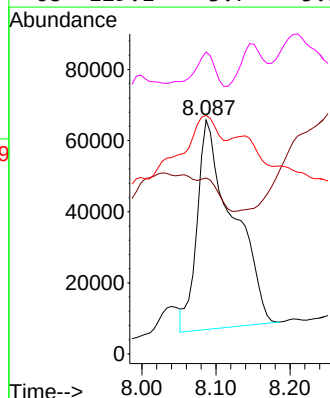
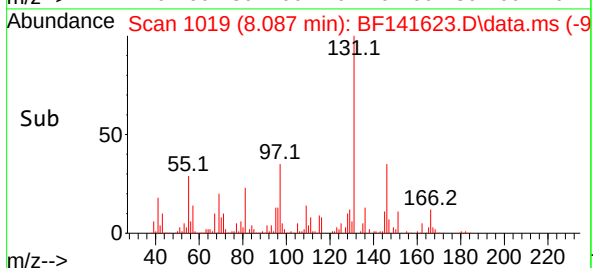
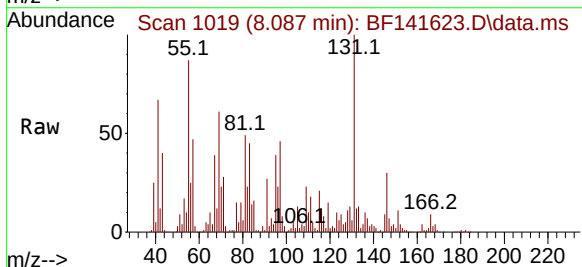
Manual Integrations
APPROVED

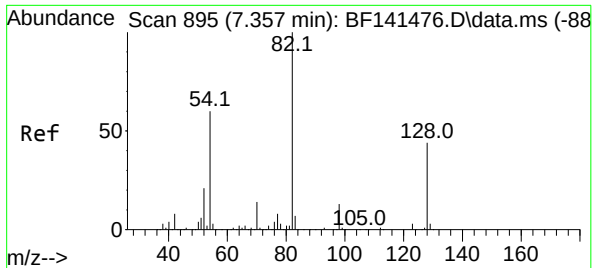
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025



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

Tgt Ion:136 Resp: 196997
Ion Ratio Lower Upper
136 100
137 75.2 8.6 13.0#
54 102.0 7.2 10.8#
68 129.1 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 121.882 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R

Tgt Ion: 82 Resp: 460338

Ion Ratio Lower Upper

82 100

128 37.6 34.8 52.2

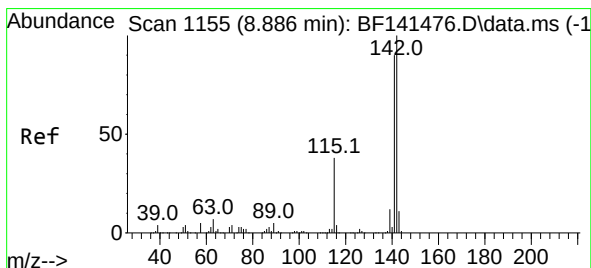
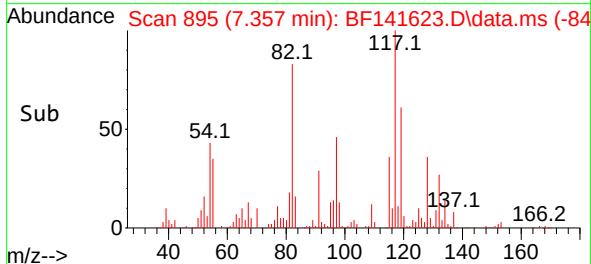
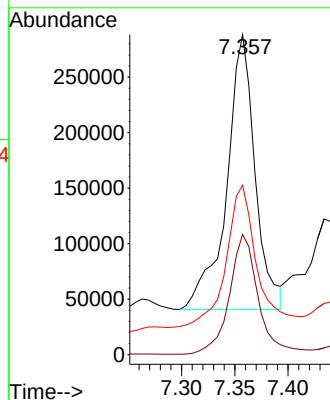
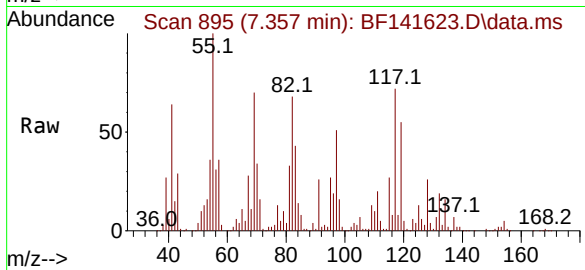
54 52.9 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :mohammad ahmed 02/15/2025



#38

1-Methylnaphthalene

Concen: 50.718 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.083 min

Lab File: BF141623.D

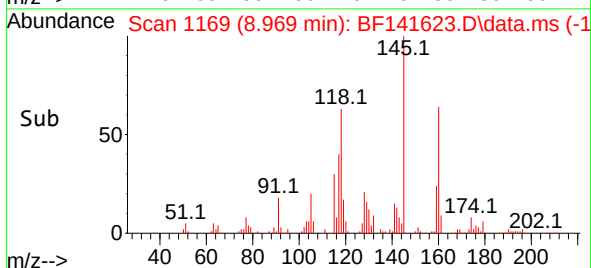
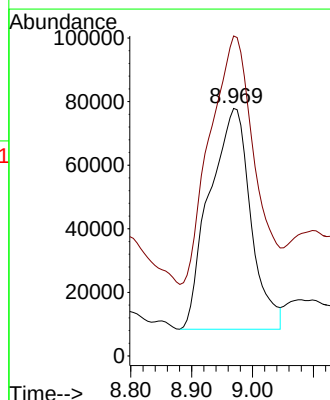
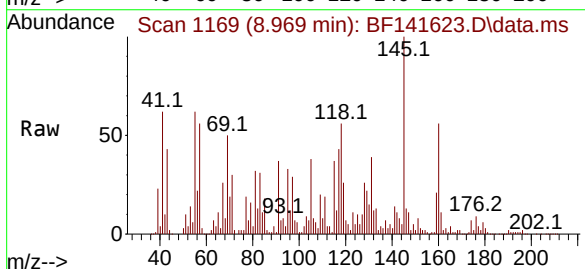
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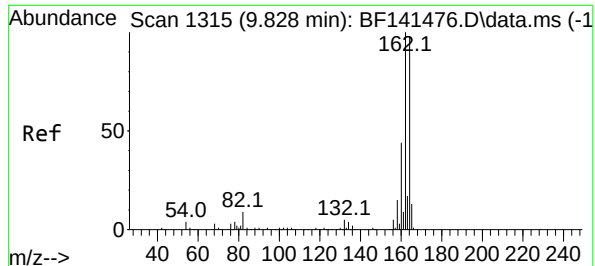
Tgt Ion:142 Resp: 327788

Ion Ratio Lower Upper

142 100

141 129.3 72.1 108.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 11

Delta R.T. 0.100 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R

Tgt Ion:164 Resp: 7517

Ion Ratio Lower Upper

164 100

162 75.1 81.3 121.9

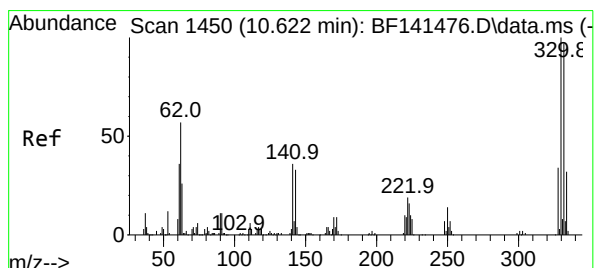
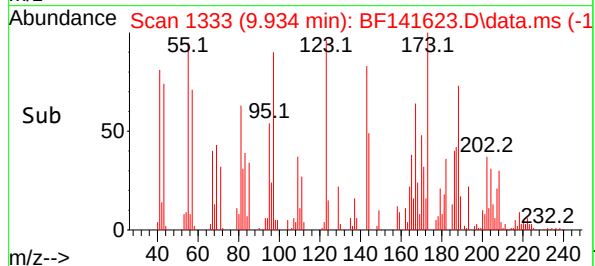
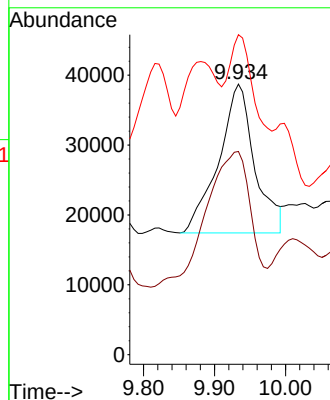
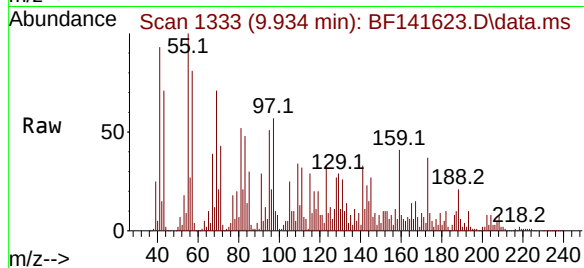
160 118.3 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :mohammad ahmed 02/15/2025



#42

2,4,6-Tribromophenol

Concen: 162.353 ng

RT: 10.733 min Scan# 1469

Delta R.T. 0.106 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

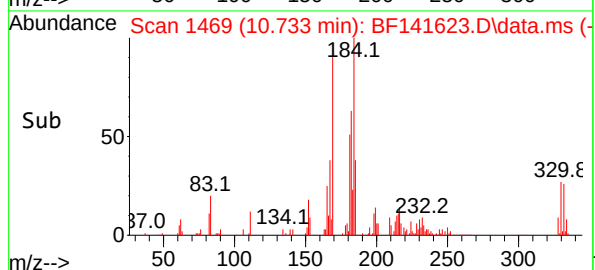
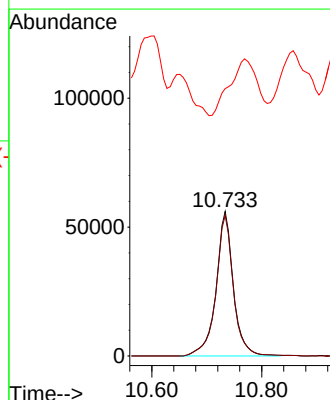
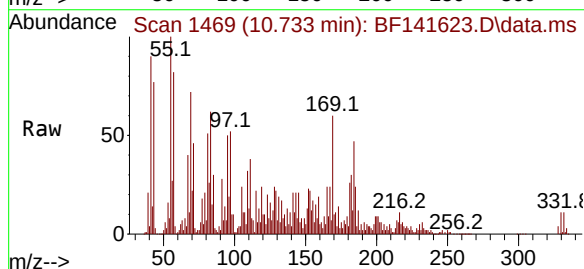
Tgt Ion:330 Resp: 122597

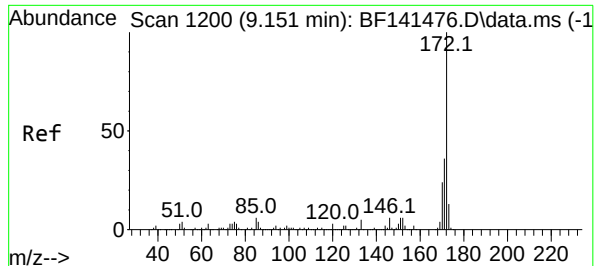
Ion Ratio Lower Upper

330 100

332 98.1 78.5 117.7

141 0.0 31.0 46.4





#45

2-Fluorobiphenyl

Concen: 88.954 ng

RT: 9.228 min Scan# 11

Delta R.T. 0.077 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R

Tgt Ion:172 Resp: 434024

Ion Ratio Lower Upper

172 100

171 35.1 28.7 43.1

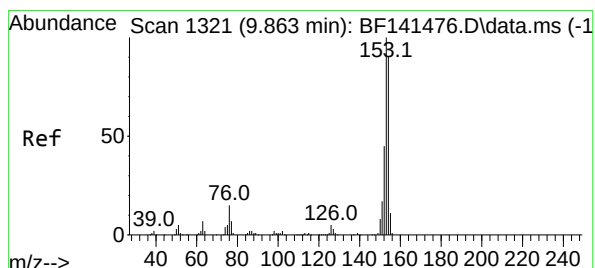
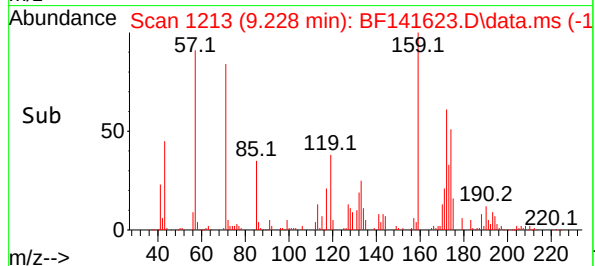
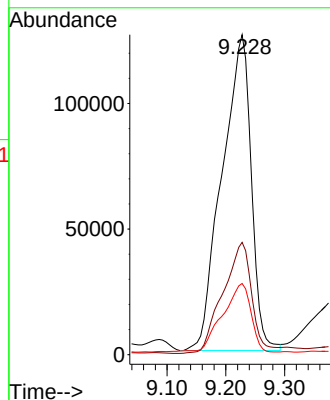
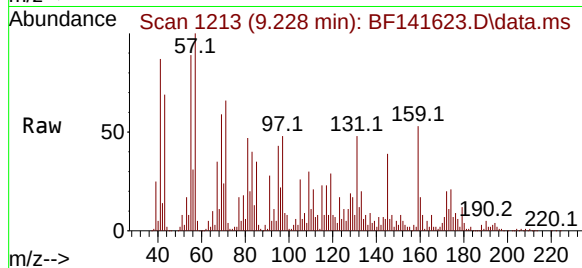
170 22.3 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :mohammad ahmed 02/15/2025



#52

Acenaphthene

Concen: 48.302 ng

RT: 9.969 min Scan# 1339

Delta R.T. 0.100 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

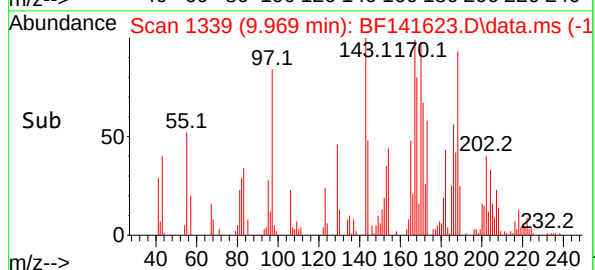
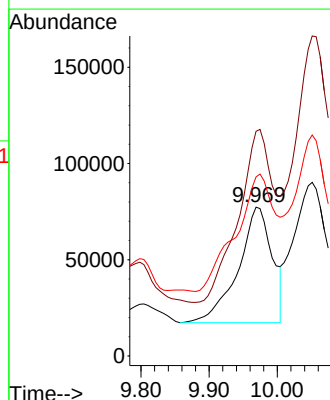
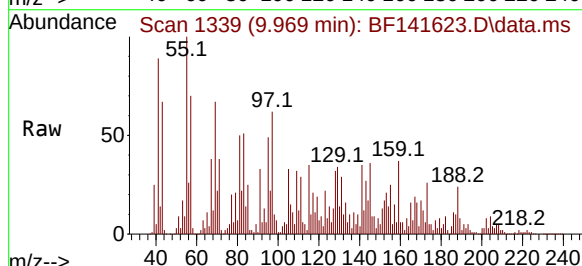
Tgt Ion:154 Resp: 208149

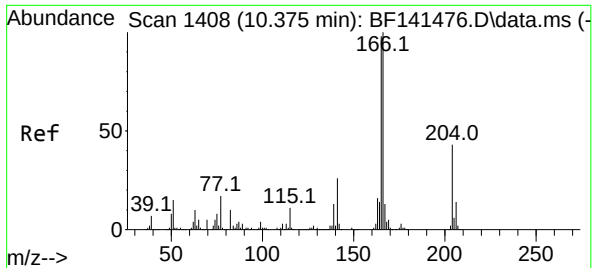
Ion Ratio Lower Upper

154 100

153 150.9 89.2 133.8#

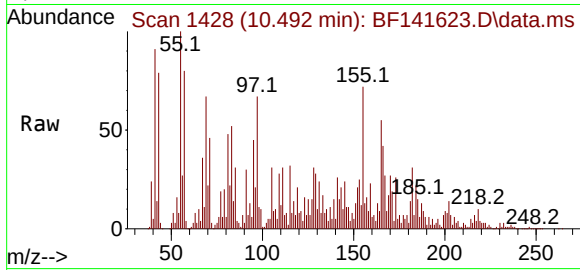
152 120.3 39.8 59.8#





#58
Fluorene
Concen: 120.238 ng
RT: 10.492 min Scan# 1408
Delta R.T. 0.112 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

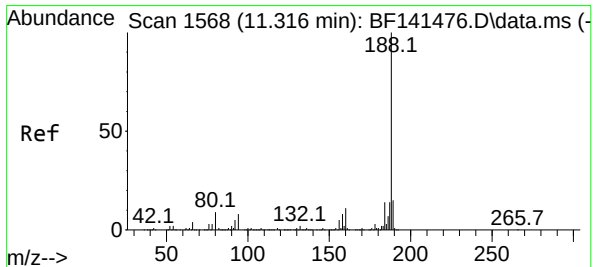
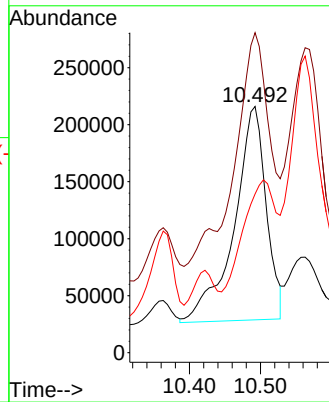
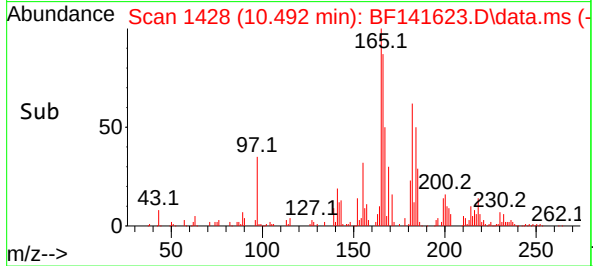
Instrument :
BNA_F
ClientSampleId :
MW1R



Tgt Ion:166 Resp: 58805
Ion Ratio Lower Upper
166 100
165 130.0 78.2 117.2
167 64.5 10.7 16.1

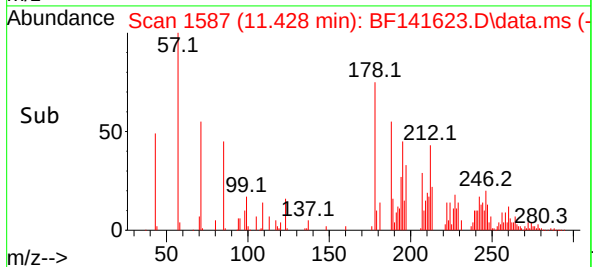
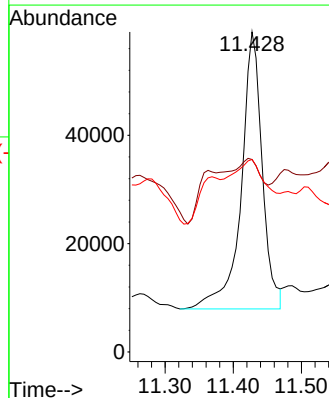
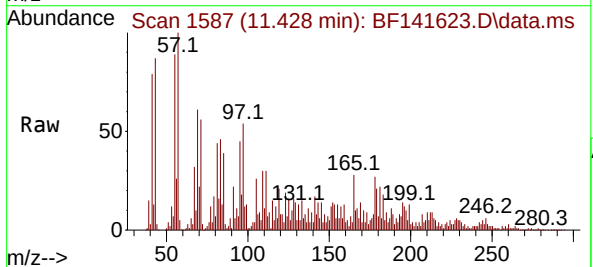
Manual Integrations
APPROVED

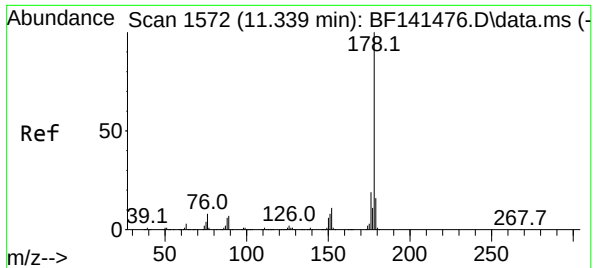
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025



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

Tgt Ion:188 Resp: 109475
Ion Ratio Lower Upper
188 100
94 60.2 6.6 10.0#
80 60.1 7.3 10.9#





#71

Phenanthrene

Concen: 191.834 ng

RT: 11.457 min Scan# 11

Delta R.T. 0.112 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R

Tgt Ion:178 Resp: 115601

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.0

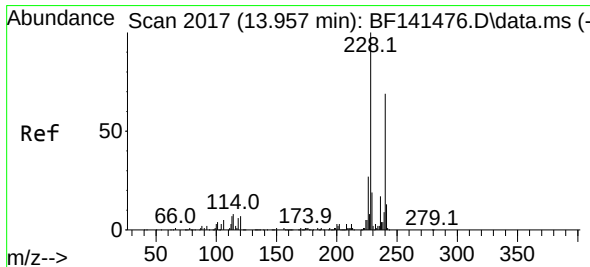
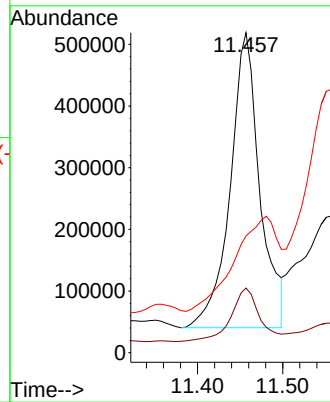
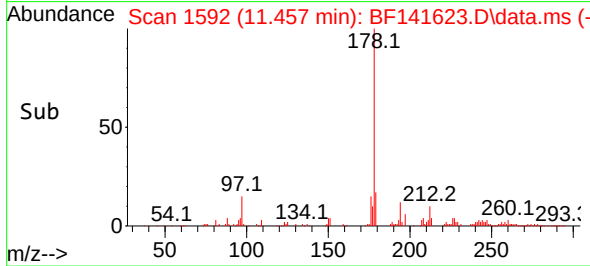
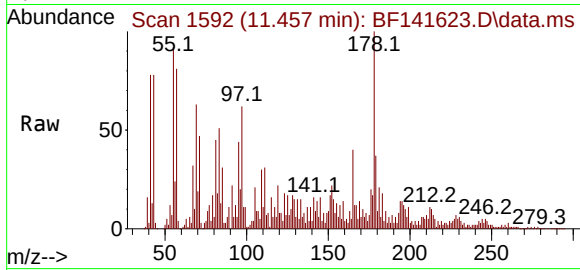
179 36.5 12.4 18.6

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025

Supervised By :mohammad ahmed 02/15/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.012 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

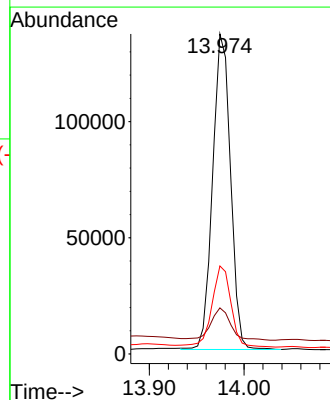
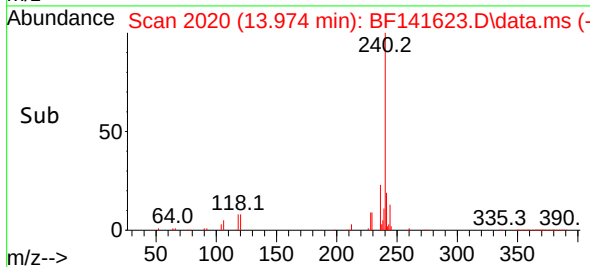
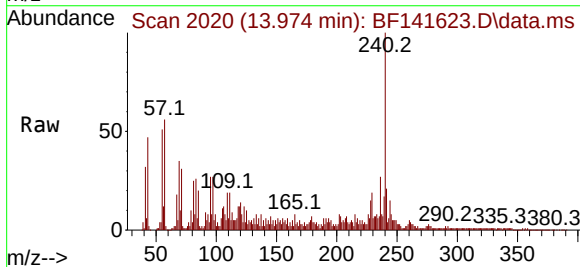
Tgt Ion:240 Resp: 177815

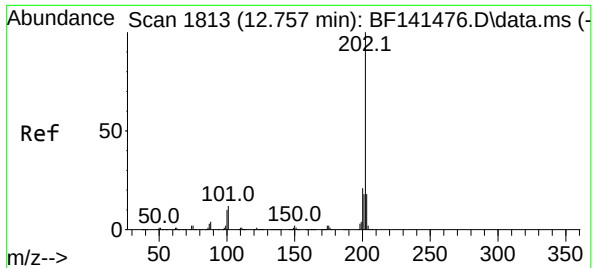
Ion Ratio Lower Upper

240 100

120 14.4 8.0 12.0#

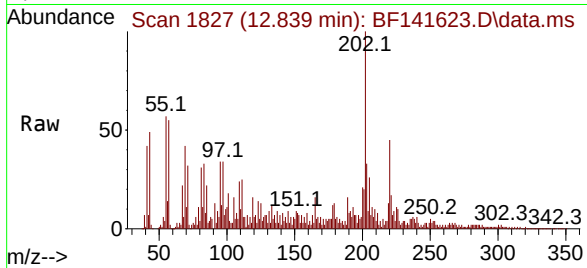
236 27.5 19.8 29.8





#78
Pyrene
Concen: 41.413 ng m
RT: 12.839 min Scan# 1827
Delta R.T. 0.077 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

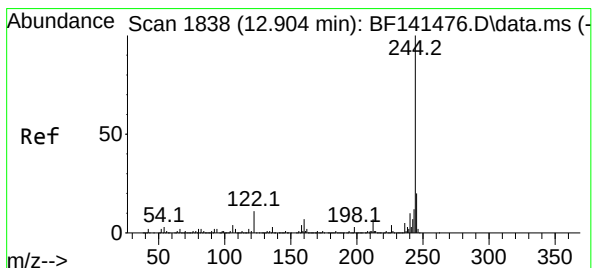
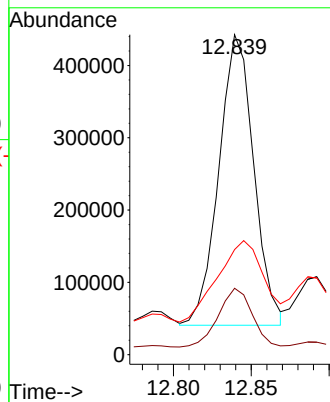
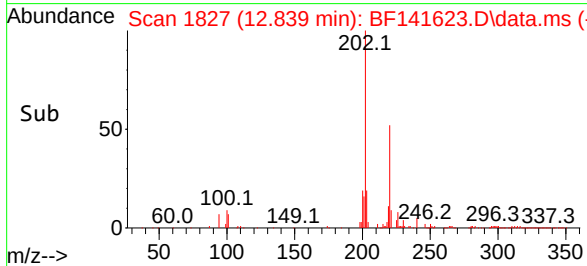
Instrument :
BNA_F
ClientSampleId :
MW1R



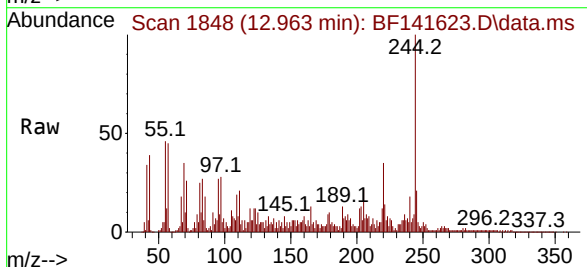
Tgt Ion:202 Resp: 626864
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 32.8 14.3 21.5

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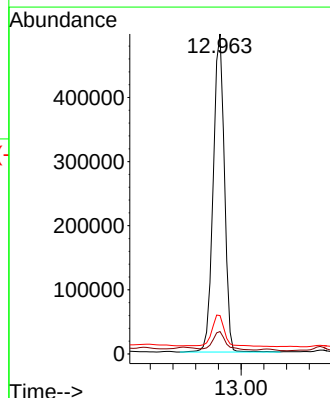
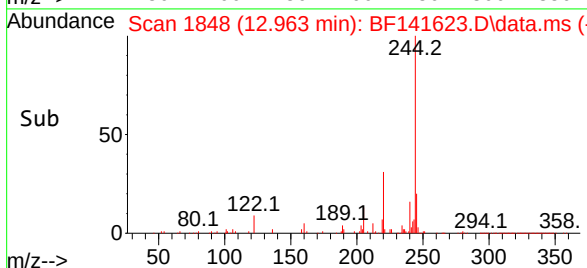
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025

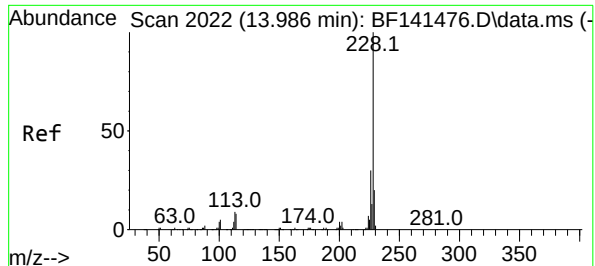


#79
Terphenyl-d14
Concen: 64.012 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.059 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01



Tgt Ion:244 Resp: 674235
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 12.0 8.4 12.6





#83

Chrysene

Concen: 3.832 ng m

RT: 13.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R

Tgt Ion:228 Resp: 41820

Ion Ratio Lower Upper

228 100

226 45.9 24.0 36.0#

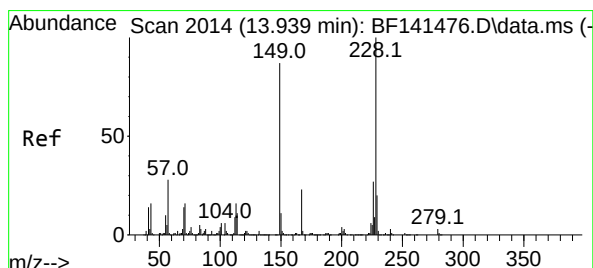
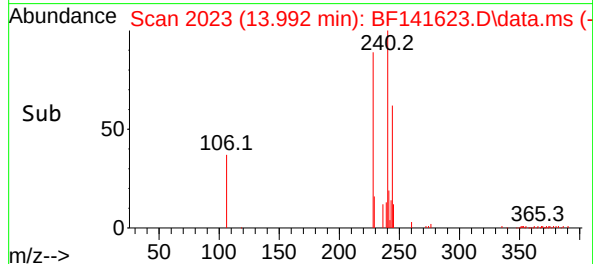
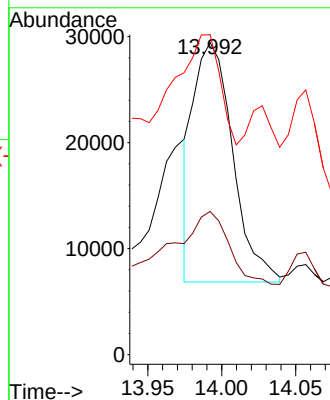
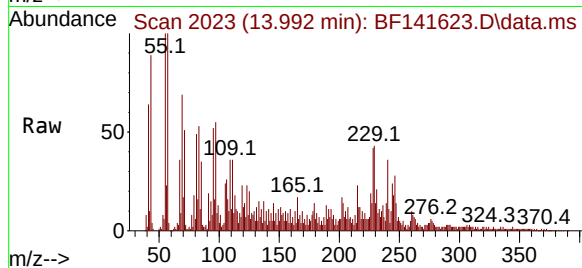
229 102.6 15.7 23.5#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :mohammad ahmed 02/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.373 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

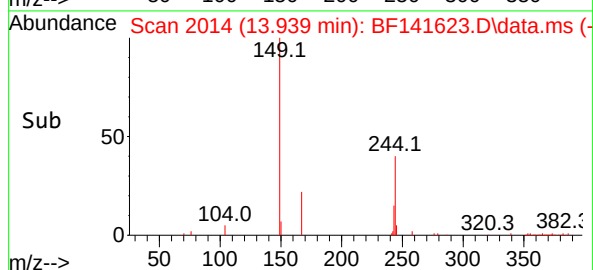
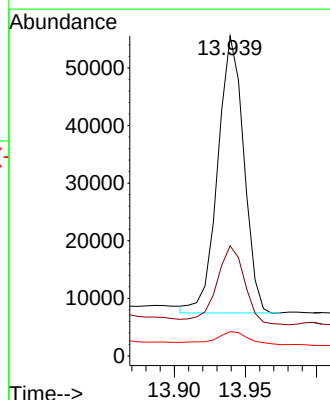
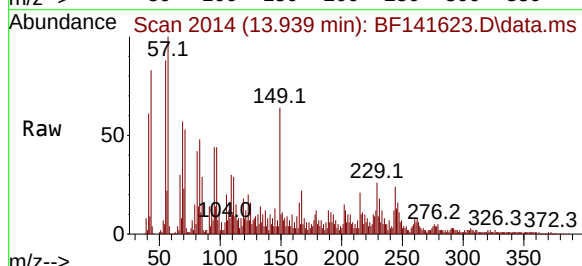
Tgt Ion:149 Resp: 61337

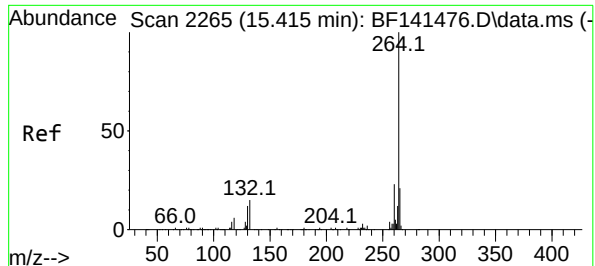
Ion Ratio Lower Upper

149 100

167 34.4 21.4 32.0#

279 7.6 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141623.D

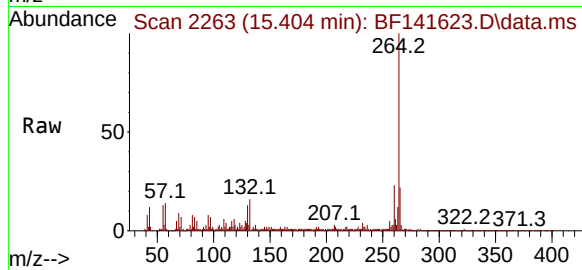
Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R



Tgt Ion:264 Resp: 197579

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

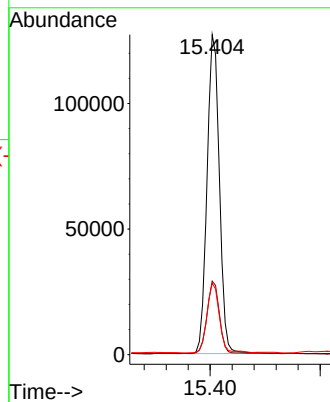
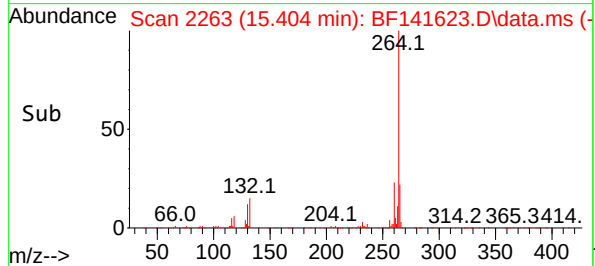
265 22.3 17.0 25.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :mohammad ahmed 02/15/2025



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

Instrument :
 BNA_F
 ClientSampleId :
 MW1R

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141623.D\data.ms

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

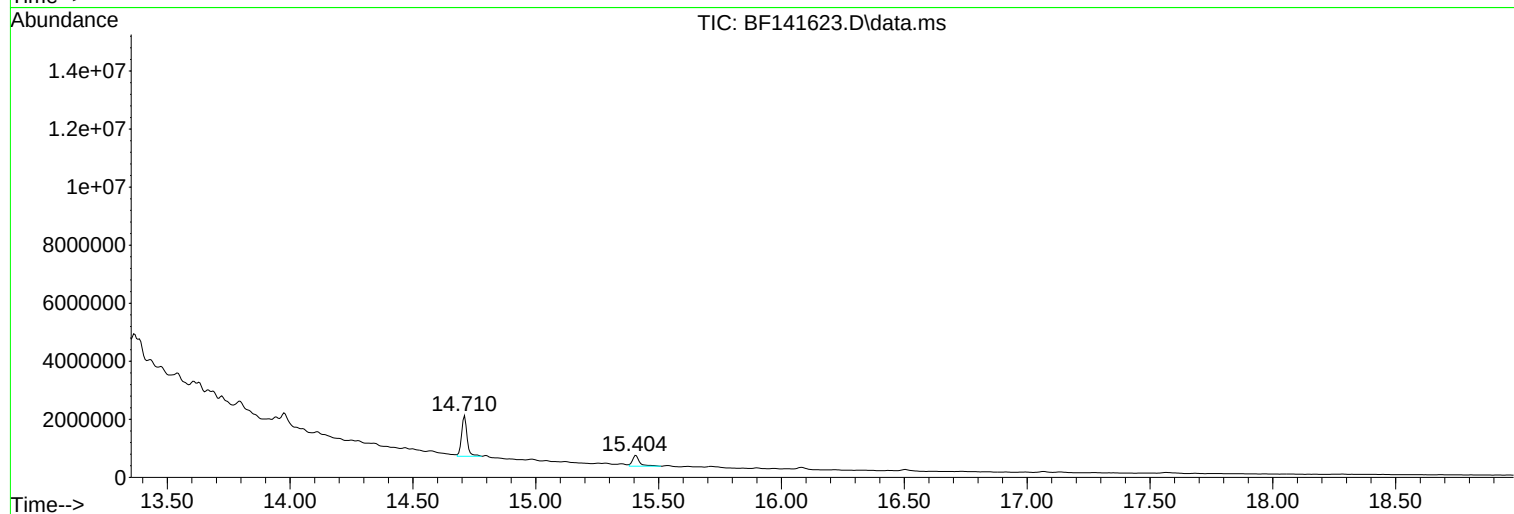
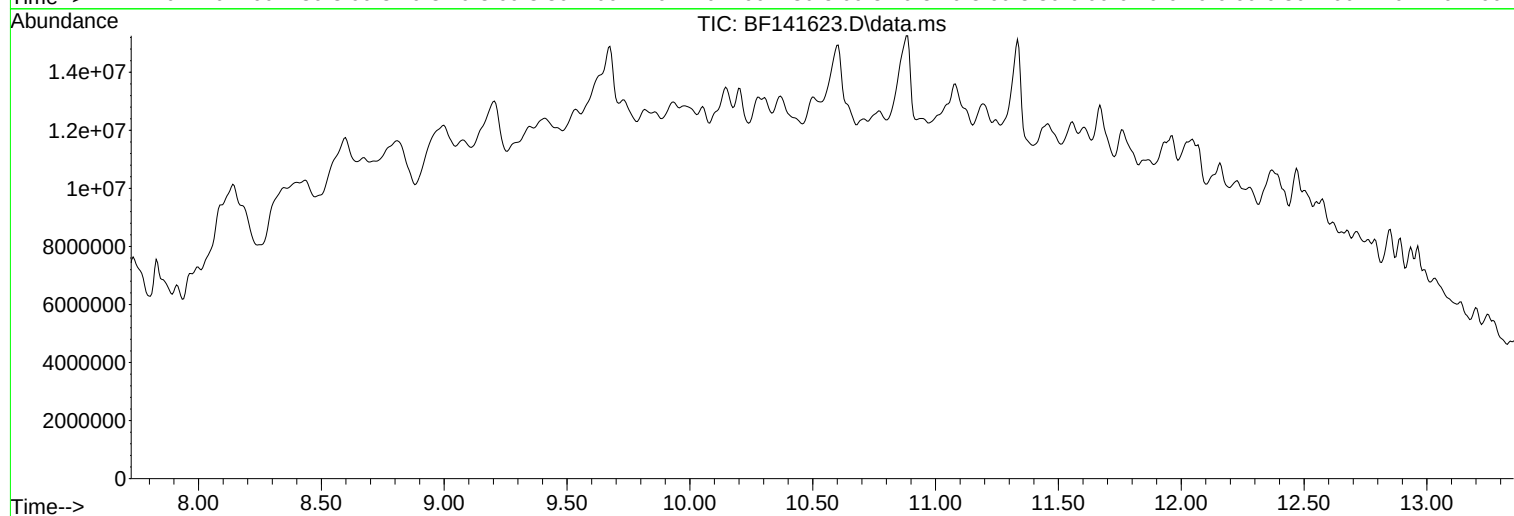
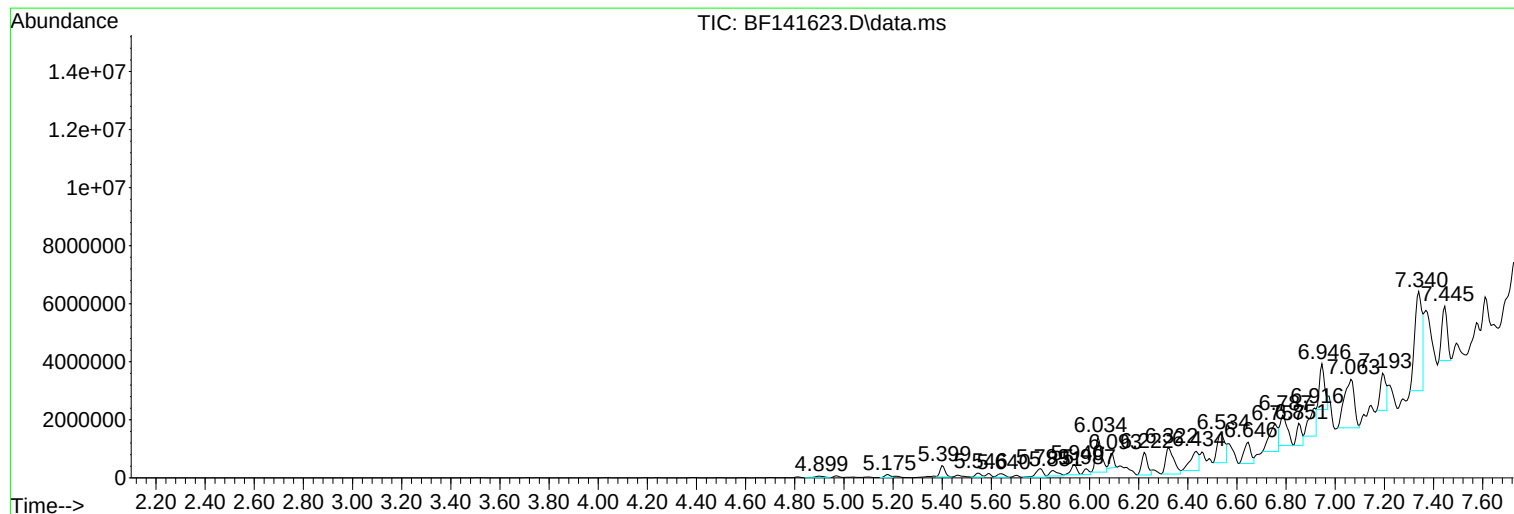
Sum of corrected areas: 44788163

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

Instrument :
BNA_F
ClientSampleId :
MW1R

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

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



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

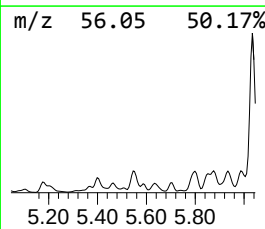
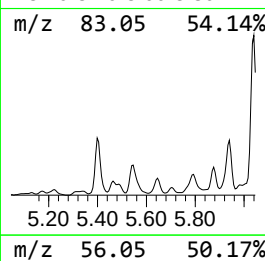
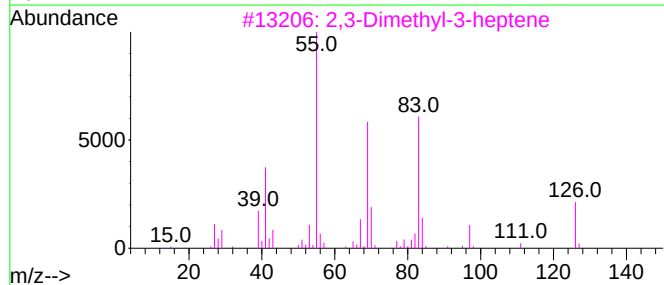
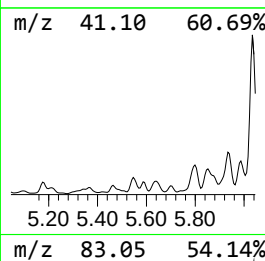
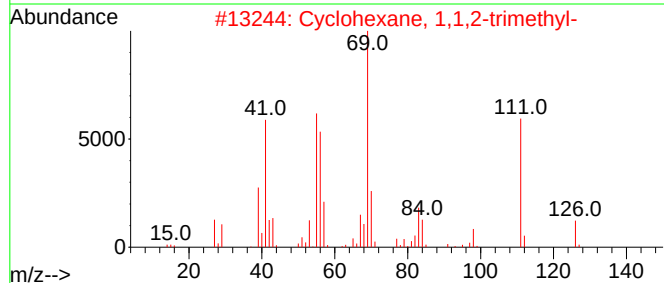
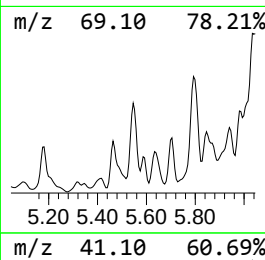
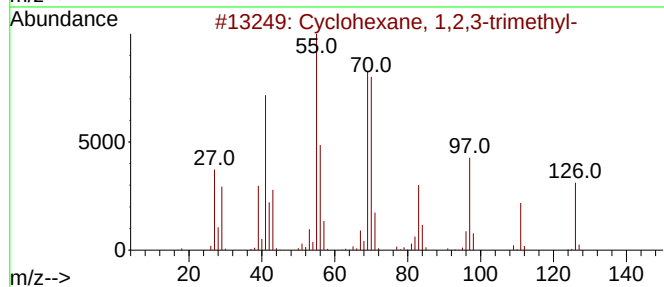
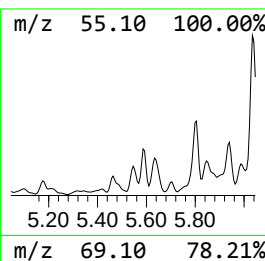
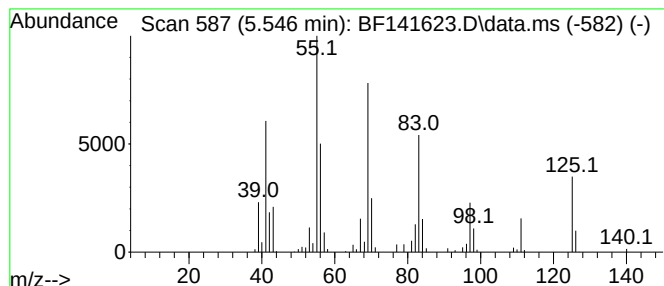
Instrument :
BNA_F
ClientSampleId :
MW1R

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

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

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
5.546	2.11 ng	221588	1,4-Dichlorobenzene-d4			6.793
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-		126	C9H18	001678-97-3	58
2	Cyclohexane, 1,1,2-trimethyl-		126	C9H18	007094-26-0	58
3	2,3-Dimethyl-3-heptene		126	C9H18	1000113-49-3	52
4	Cyclopentane, butyl-		126	C9H18	002040-95-1	50
5	Cyclopentane, 1,1-dimethyl-		98	C7H14	001638-26-2	46



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

Instrument :
BNA_F
ClientSampleId :
MW1R

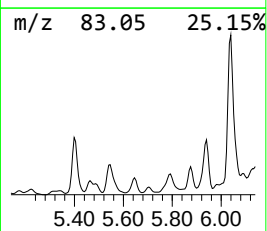
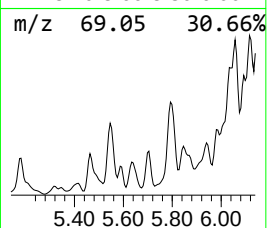
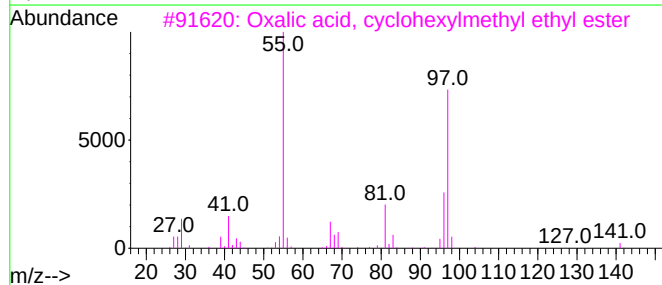
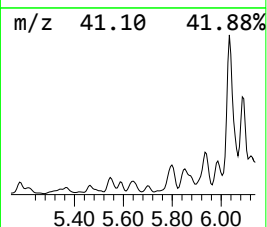
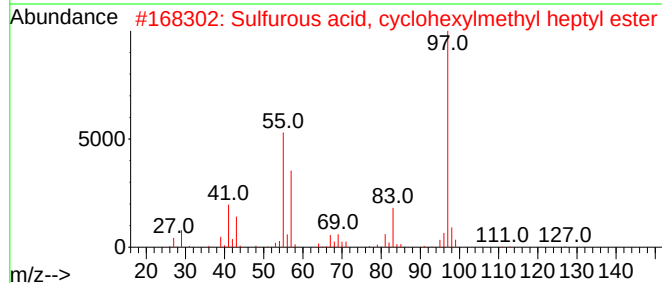
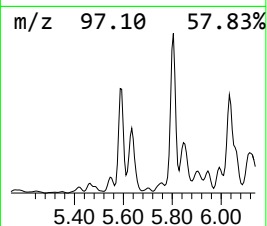
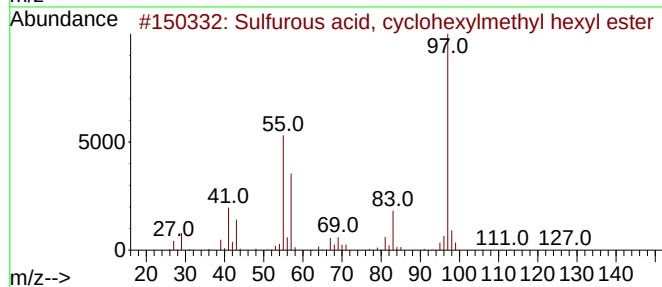
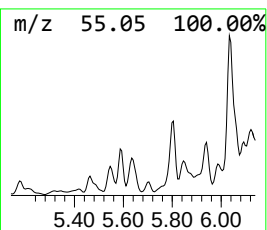
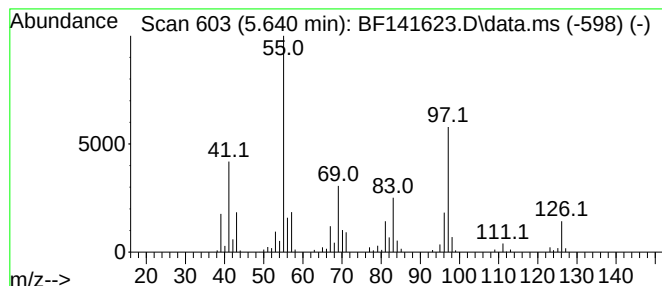
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

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

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



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

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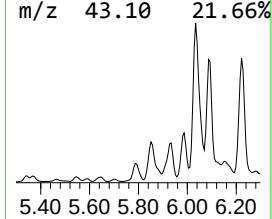
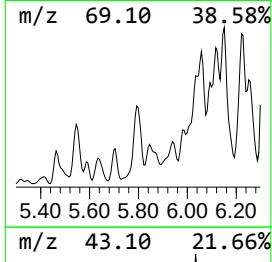
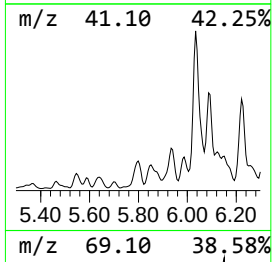
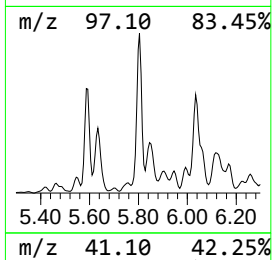
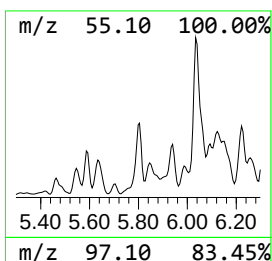
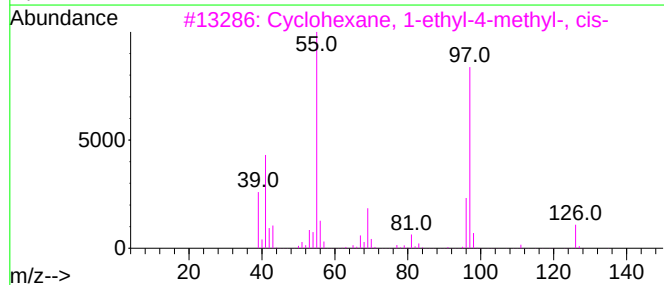
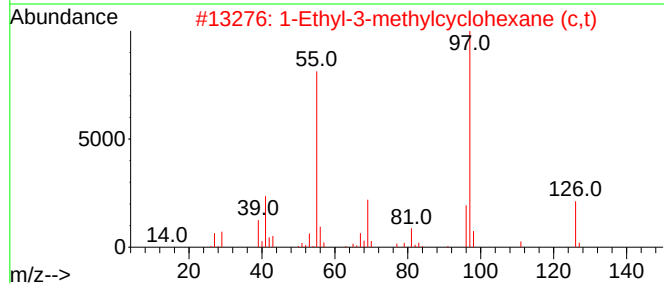
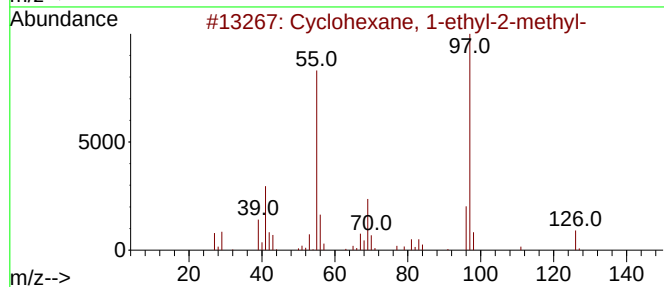
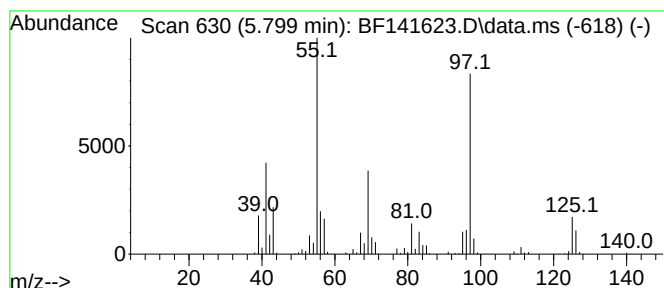
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

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

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



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

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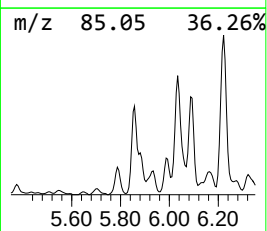
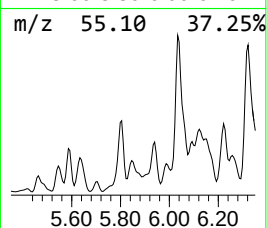
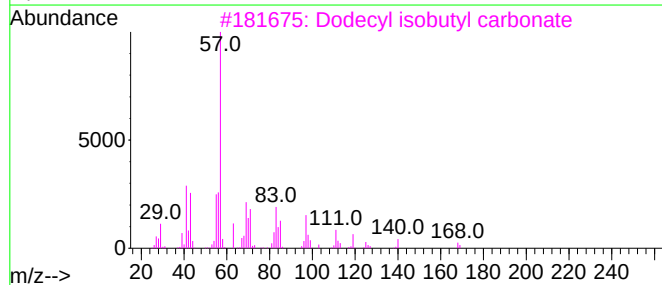
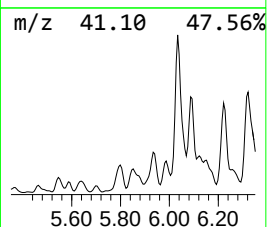
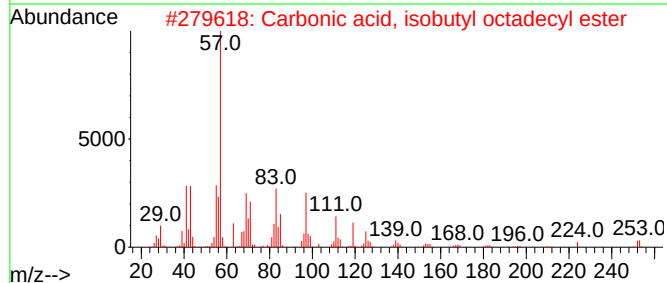
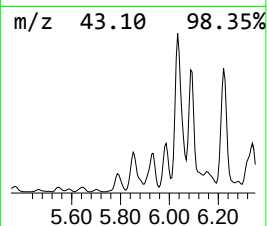
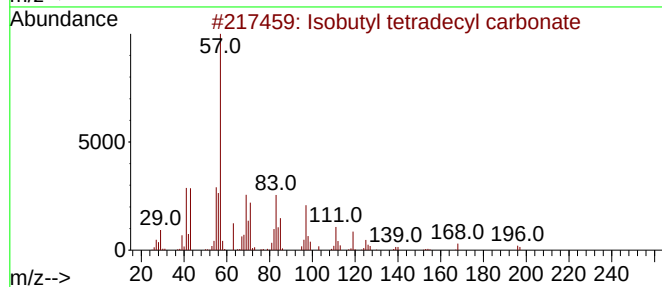
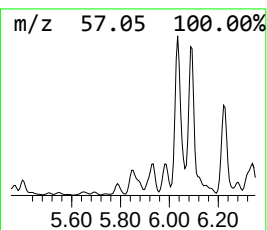
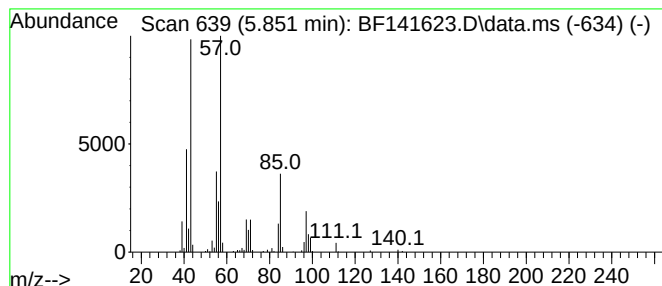
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Isobutyl tetradecyl carbonate Concentration Rank 16

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
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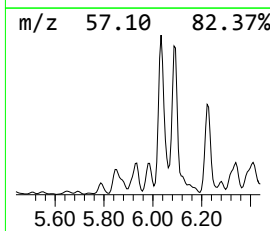
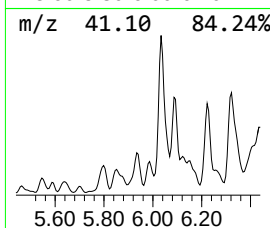
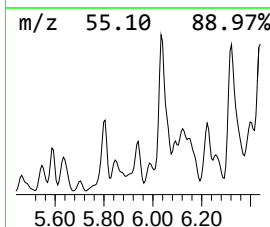
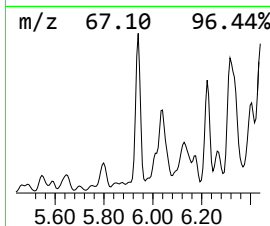
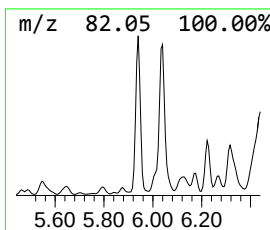
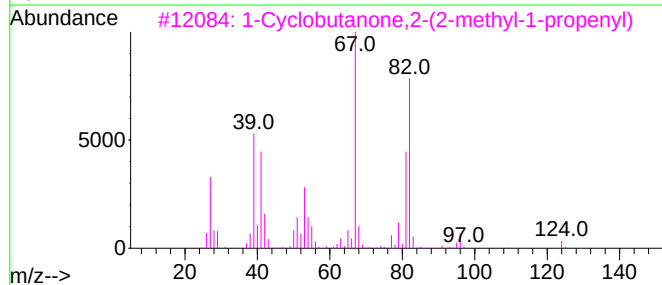
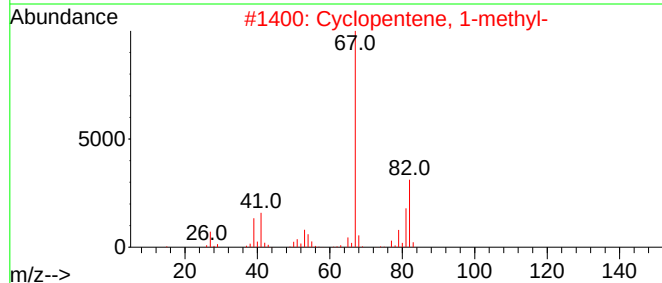
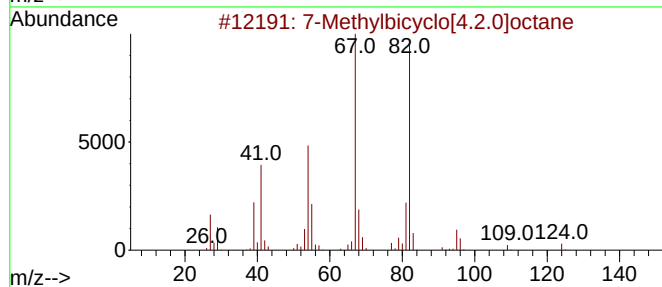
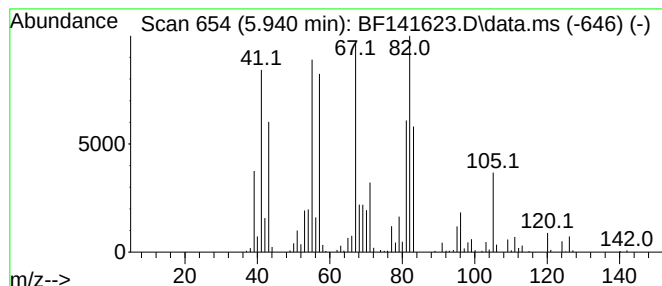
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown5.940 Concentration Rank 15

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

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



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

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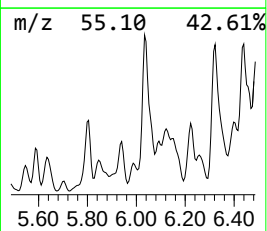
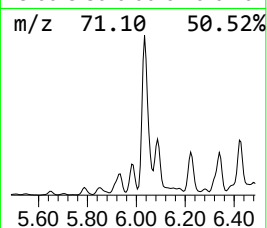
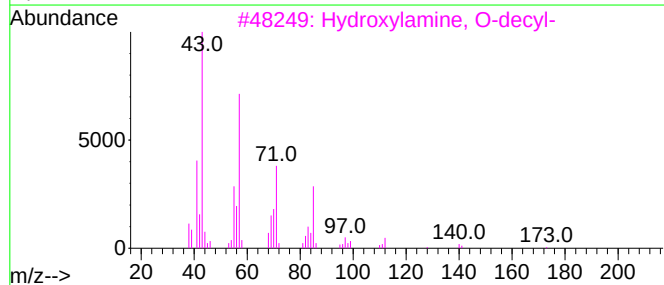
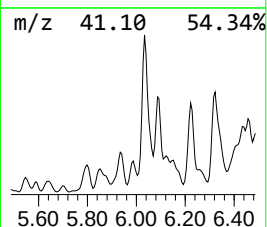
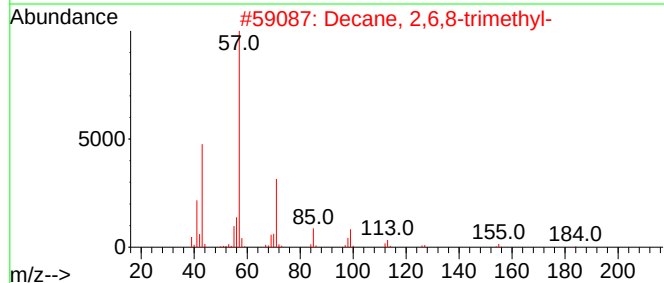
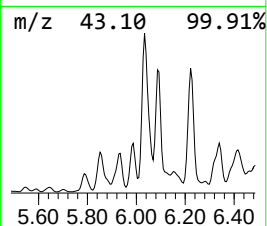
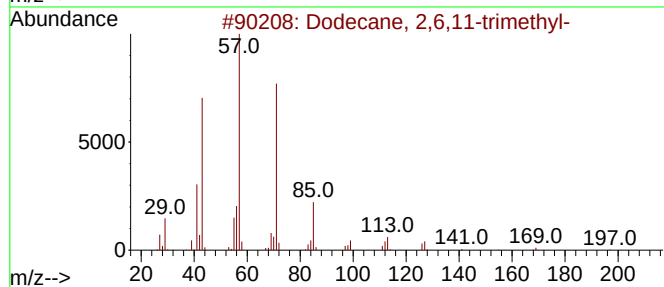
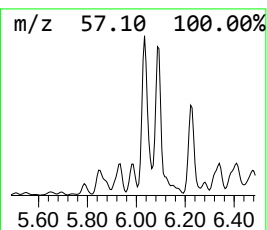
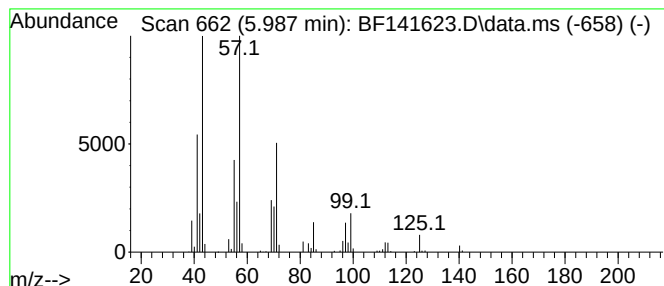
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

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

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



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

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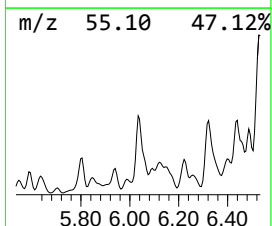
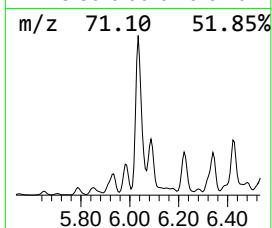
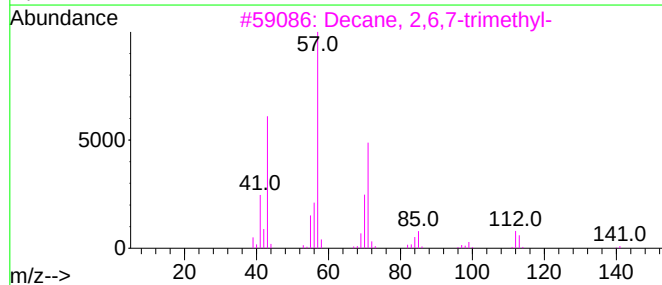
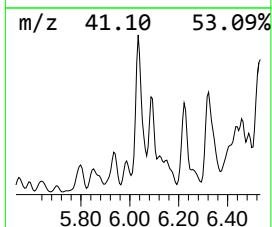
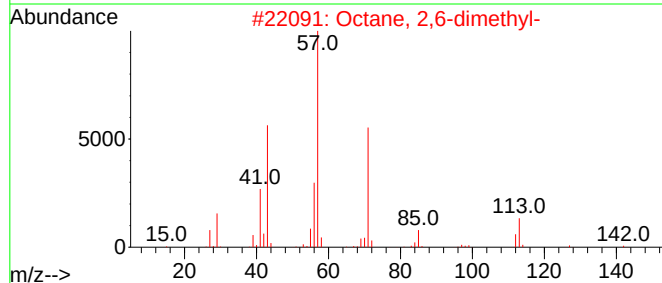
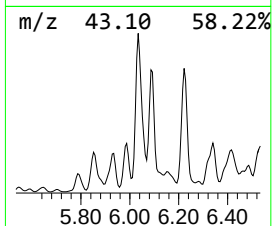
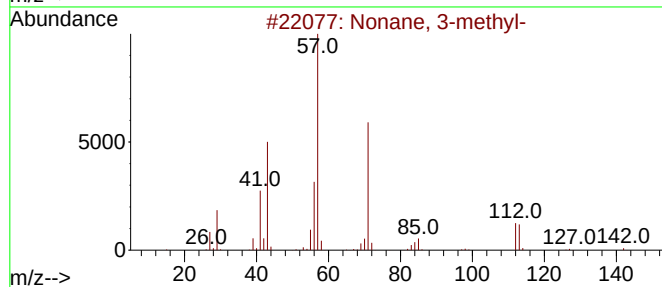
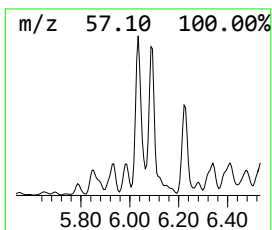
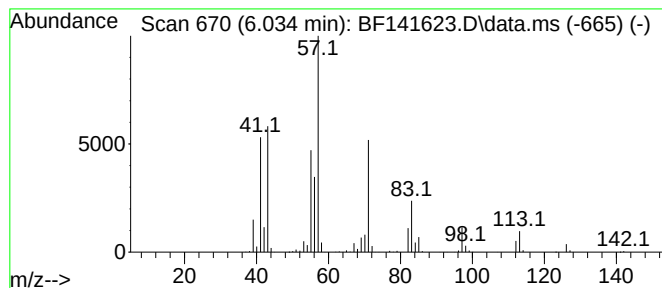
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

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

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



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

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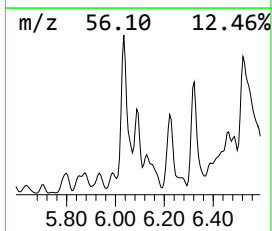
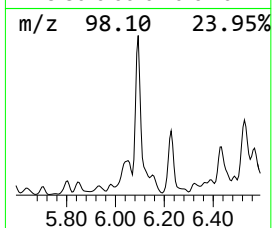
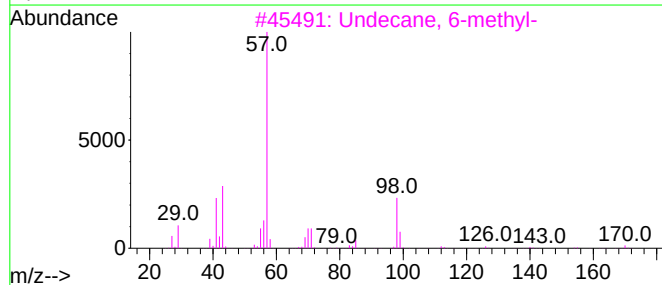
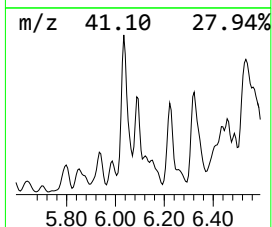
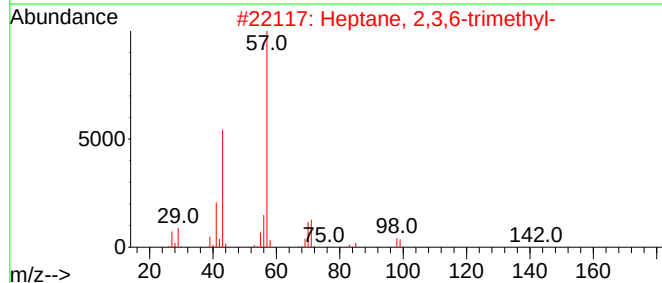
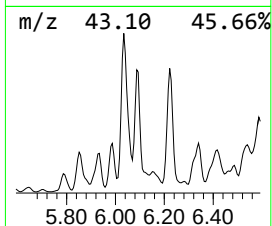
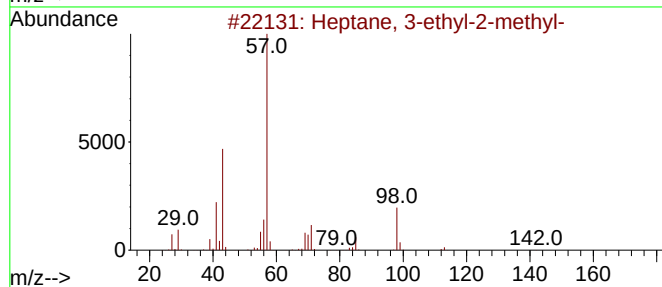
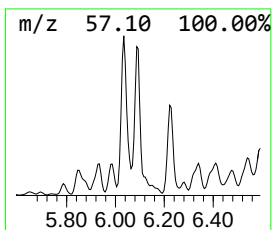
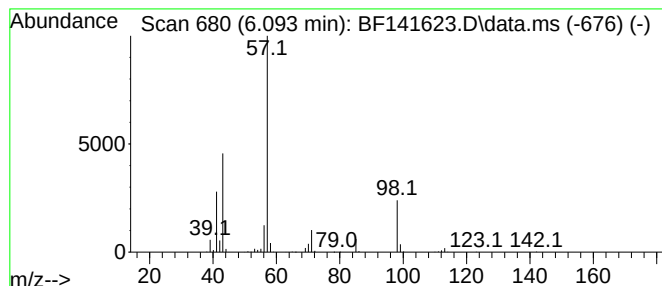
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

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

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



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

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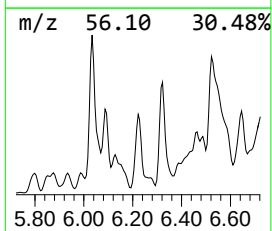
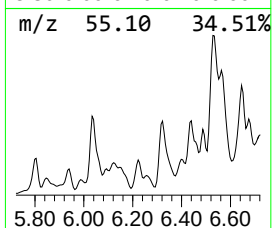
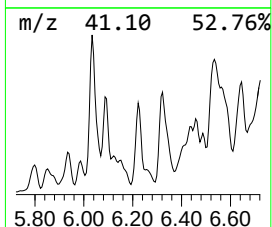
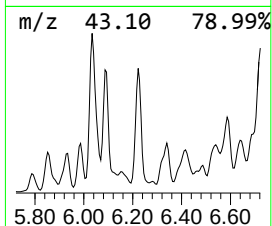
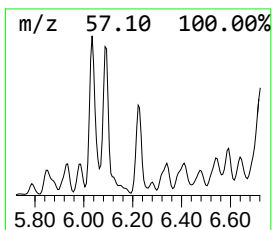
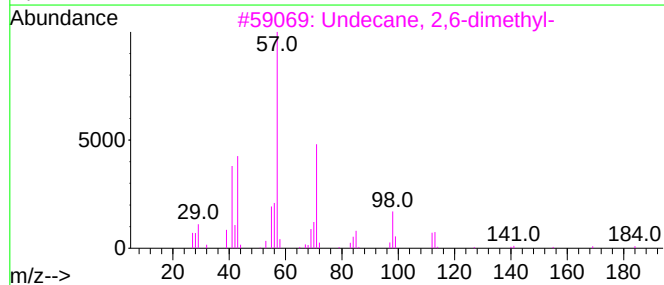
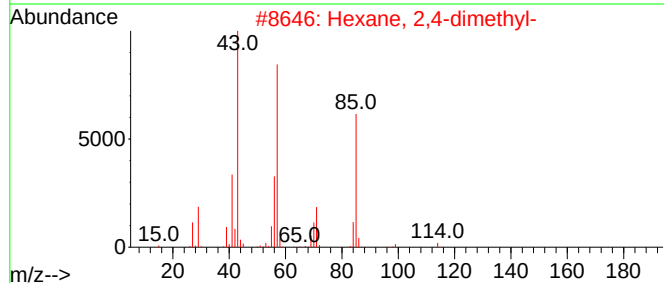
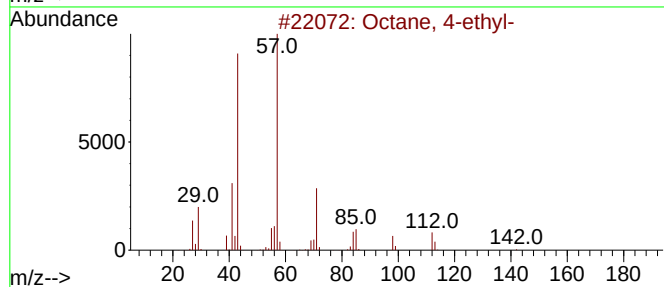
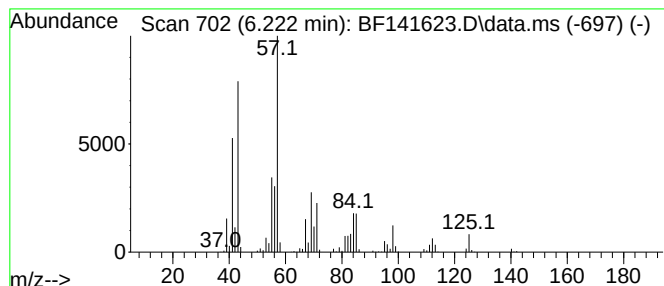
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown6.222 Concentration Rank 11

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
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Sample : Q1331-01
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Instrument :
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ClientSampleId :
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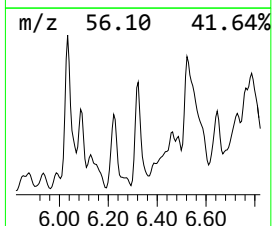
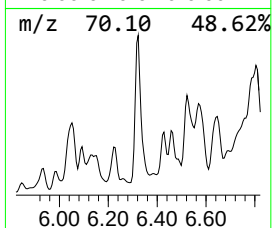
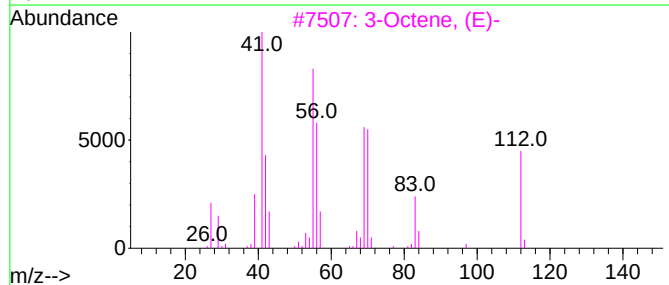
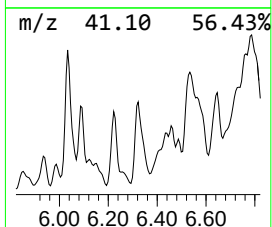
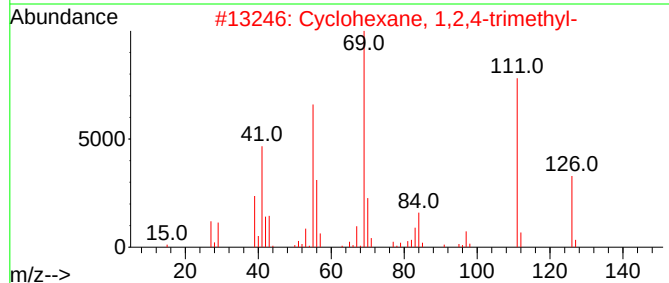
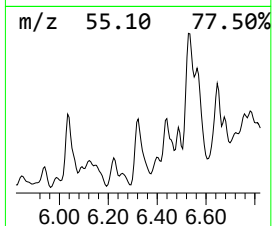
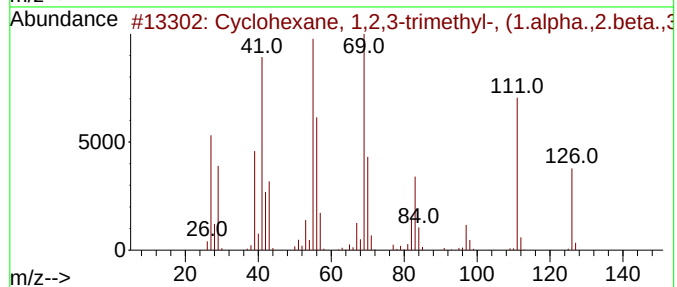
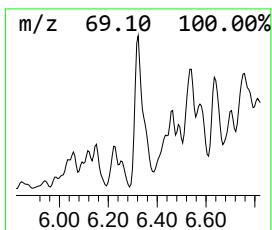
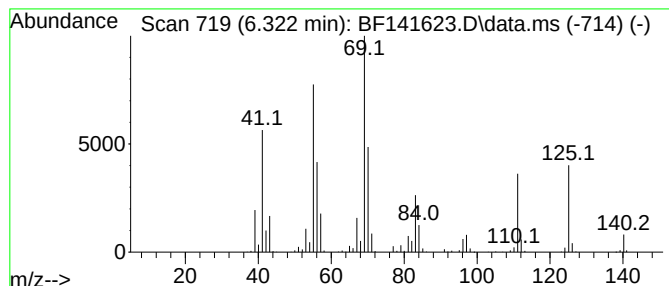
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
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ClientSampleId :
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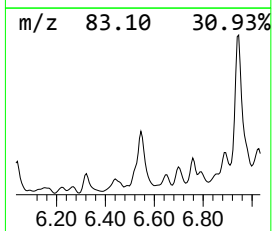
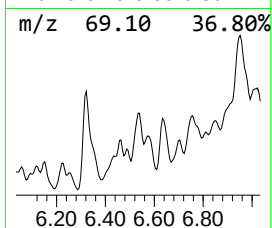
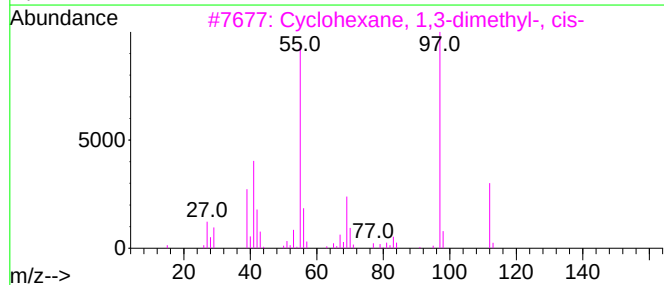
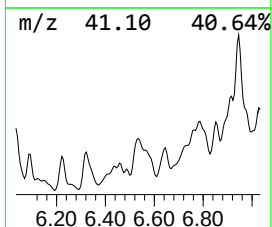
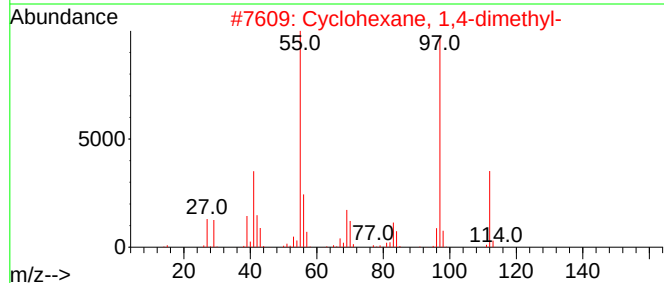
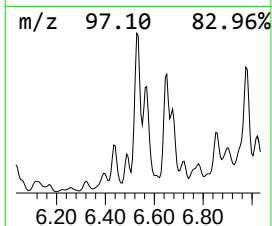
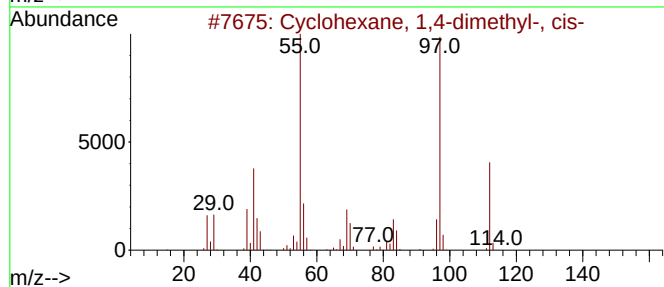
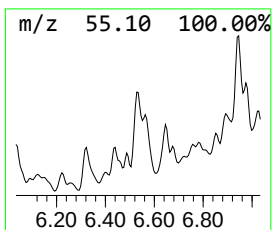
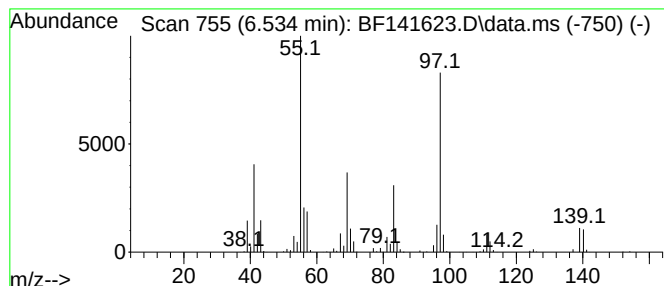
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
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Sample : Q1331-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
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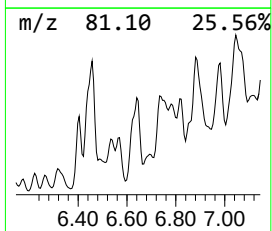
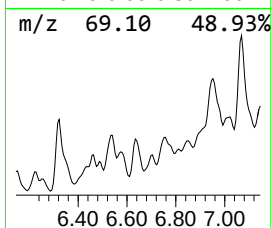
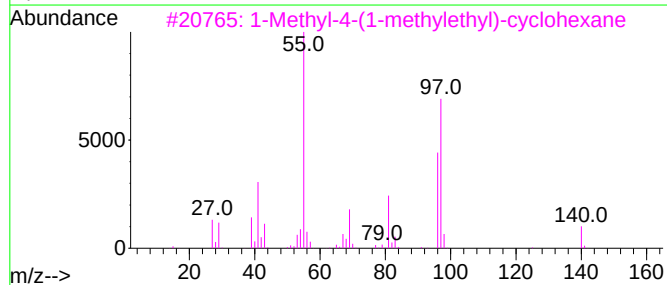
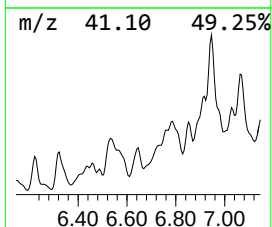
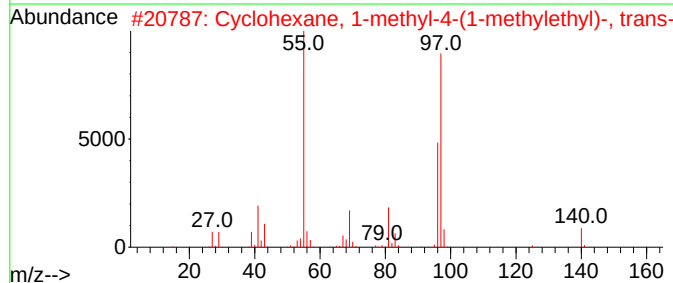
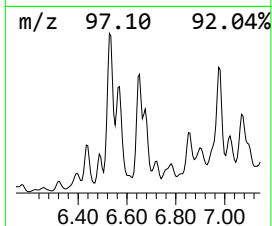
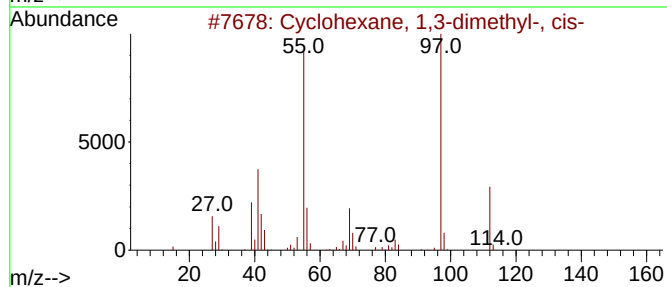
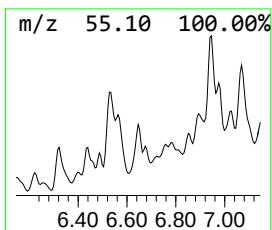
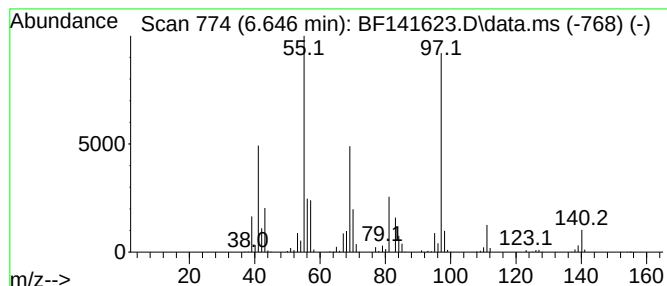
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
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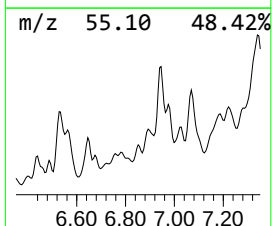
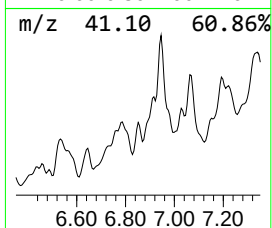
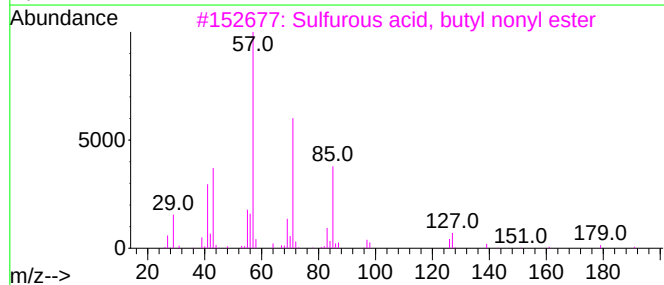
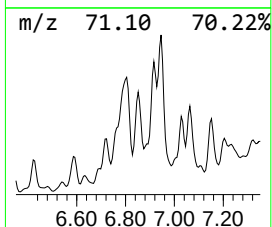
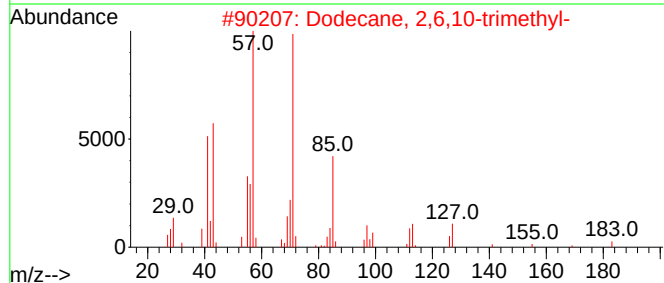
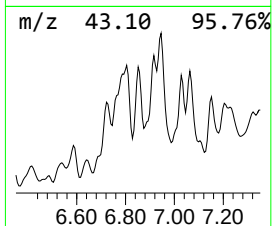
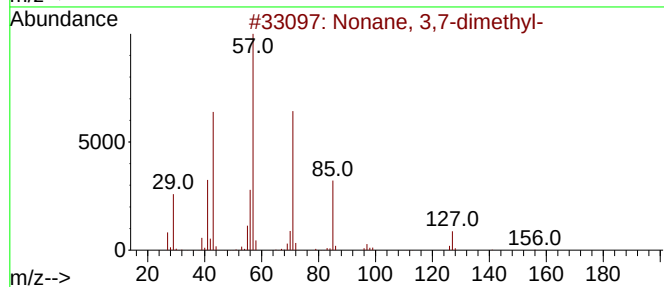
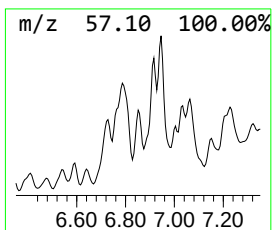
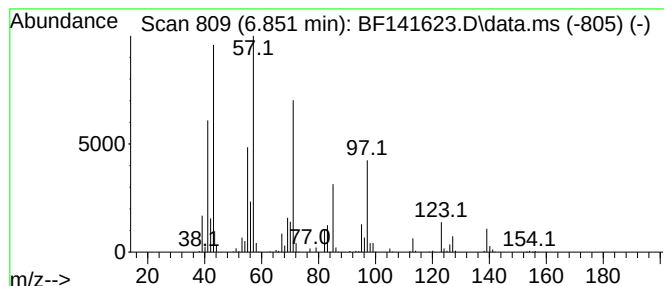
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown6.851 Concentration Rank 12

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

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



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

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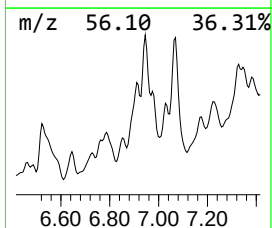
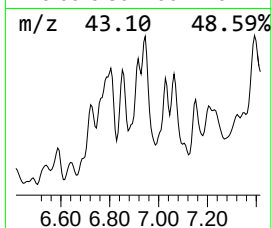
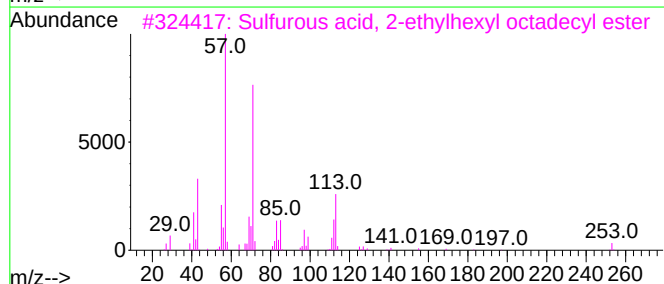
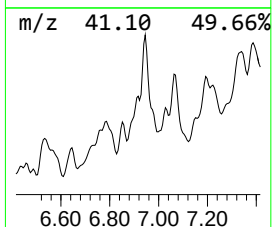
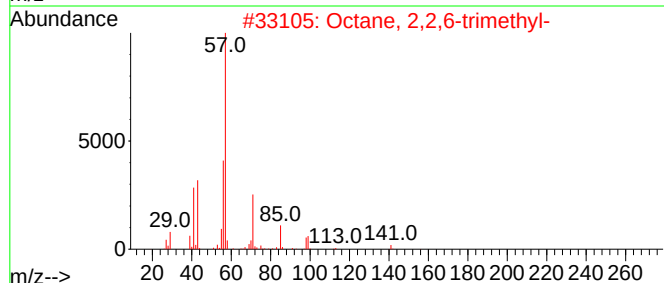
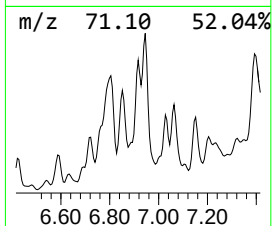
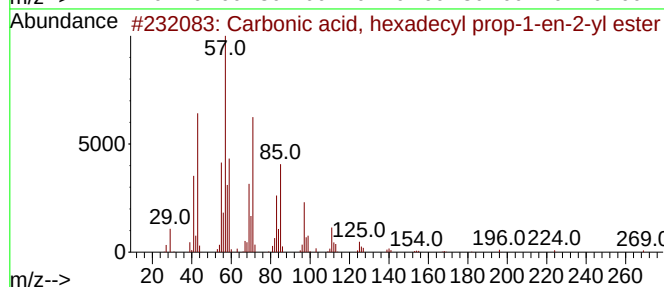
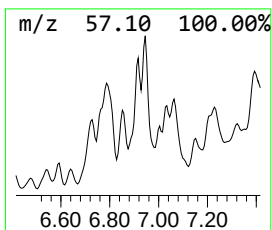
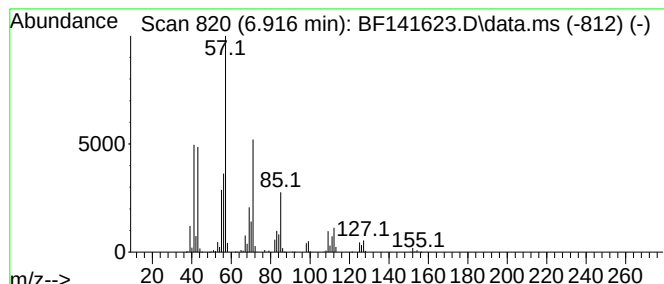
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
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ALS Vial : 22 Sample Multiplier: 1

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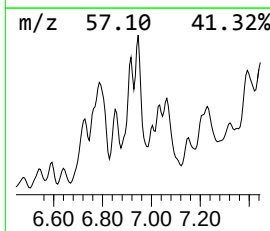
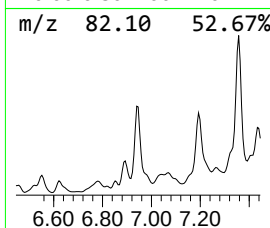
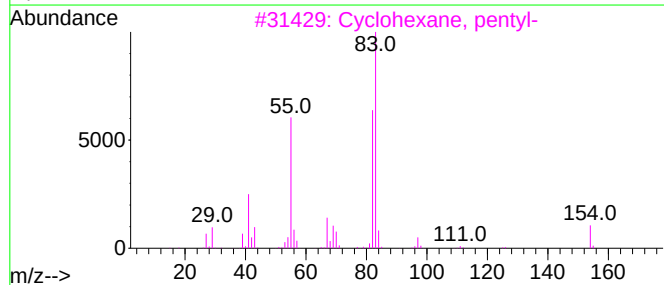
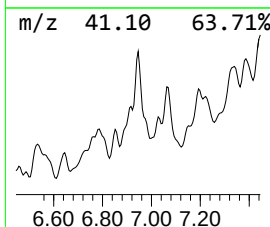
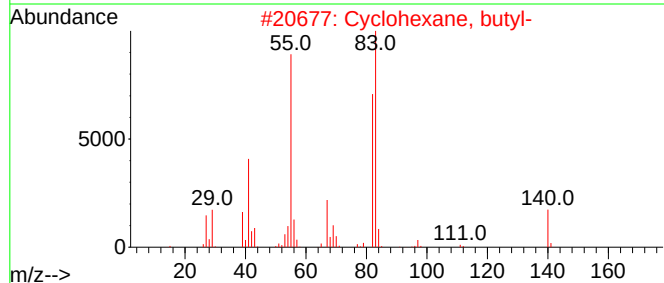
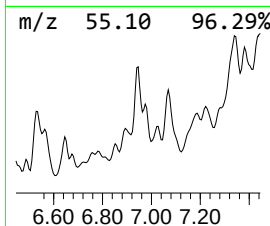
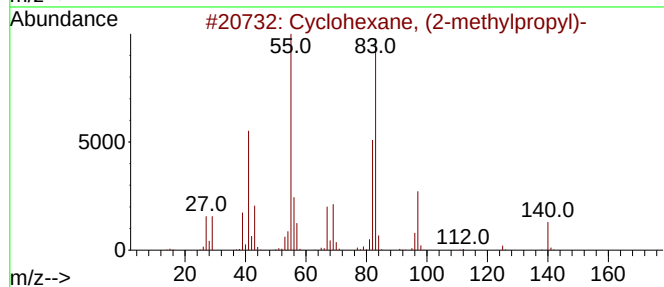
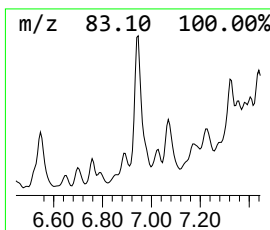
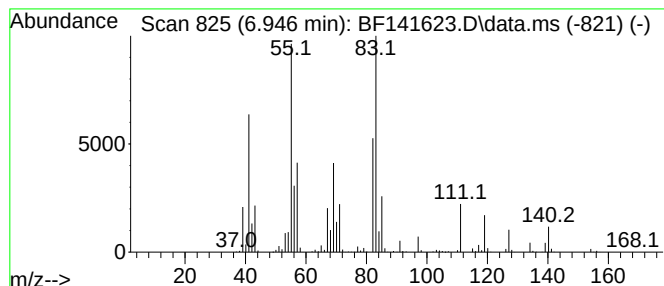
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

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

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



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

Instrument :
BNA_F
ClientSampleId :
MW1R

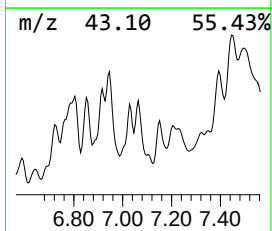
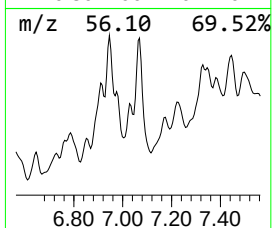
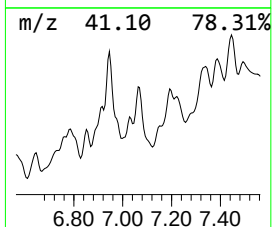
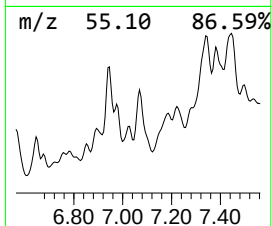
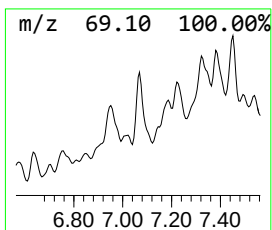
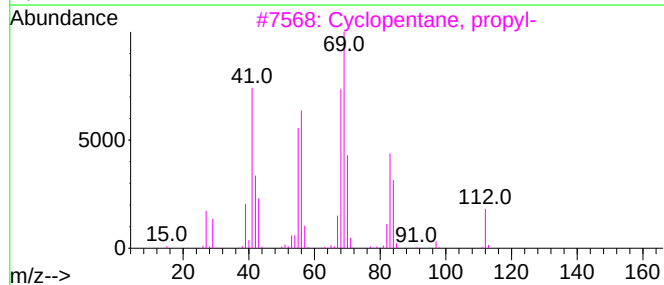
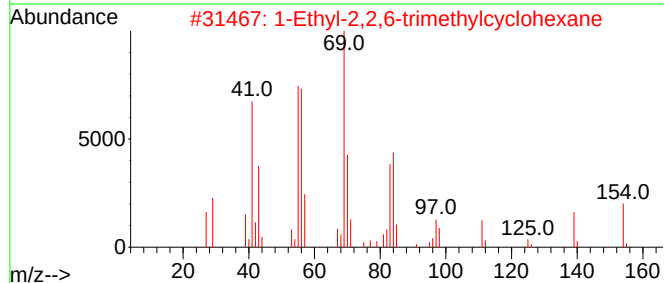
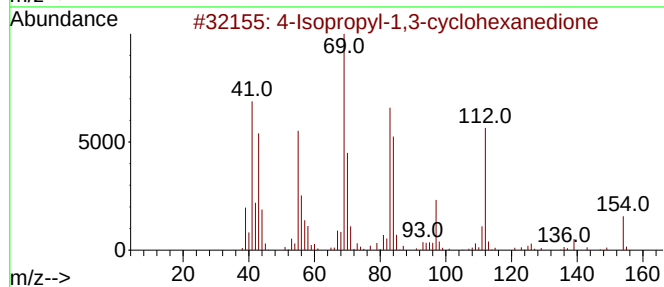
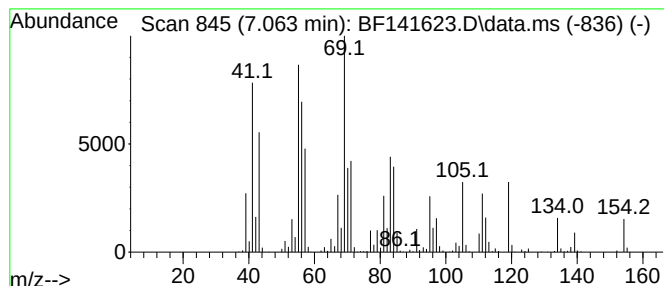
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

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

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



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

Instrument :
BNA_F
ClientSampleId :
MW1R

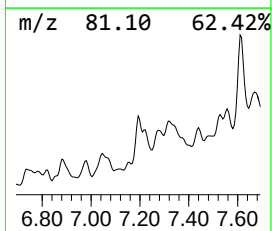
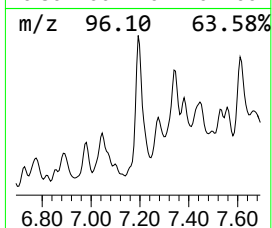
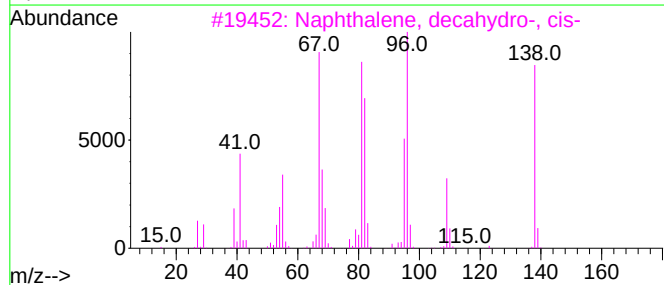
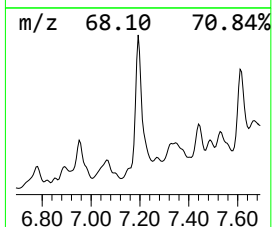
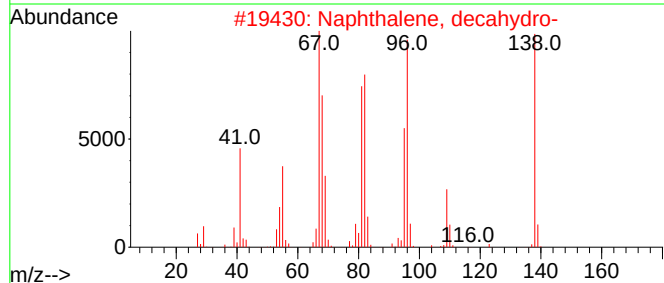
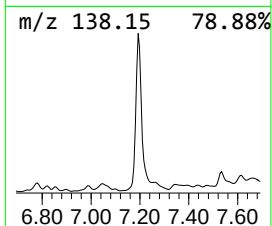
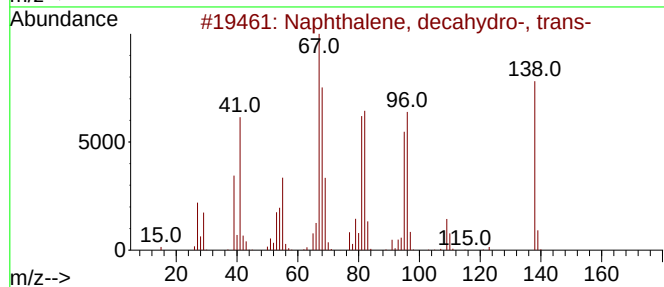
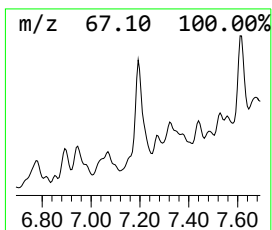
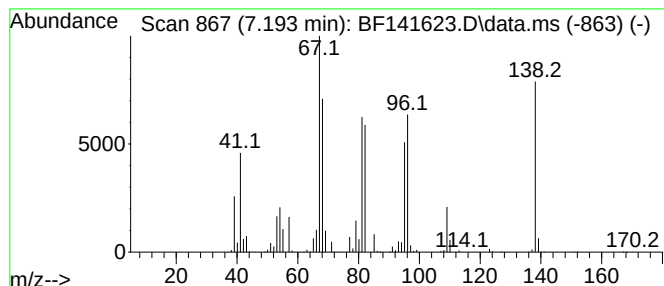
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

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

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



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

Instrument :
BNA_F
ClientSampleId :
MW1R

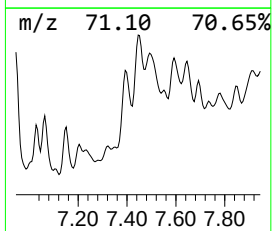
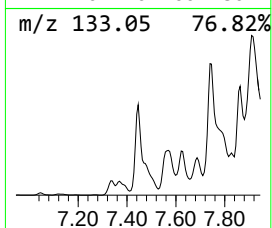
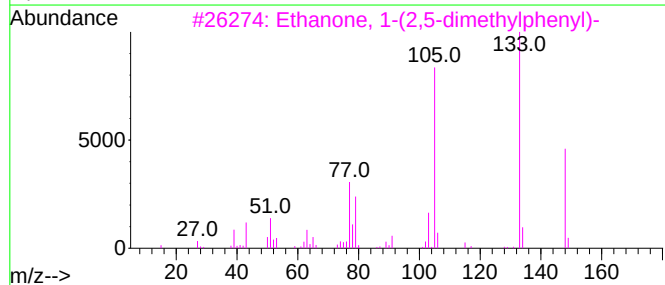
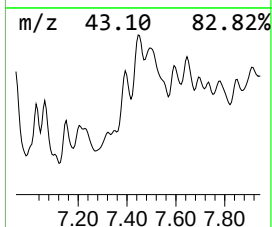
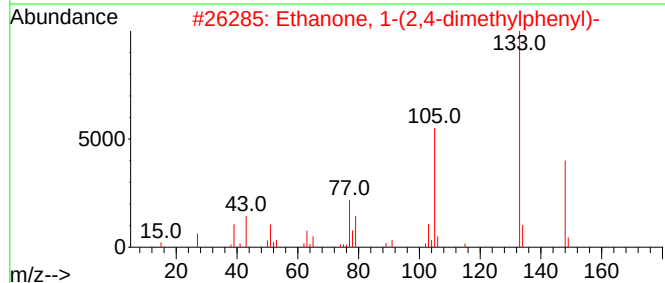
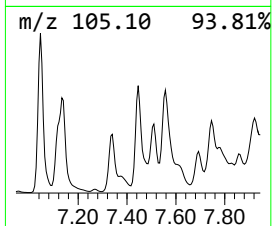
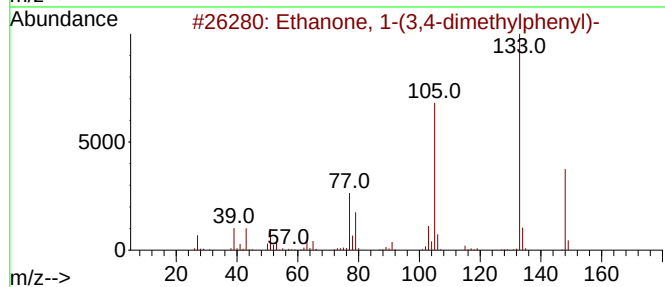
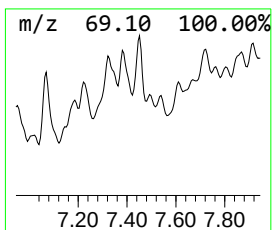
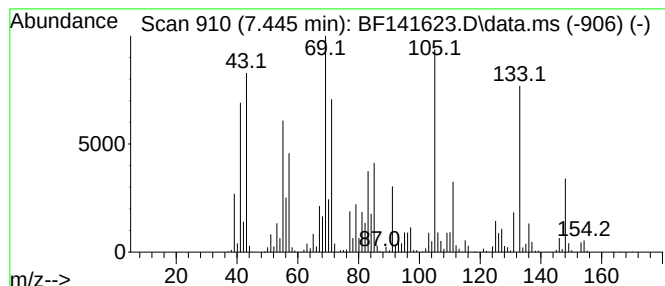
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown7.445 Concentration Rank 7

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

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



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

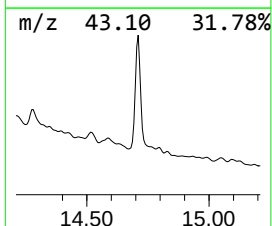
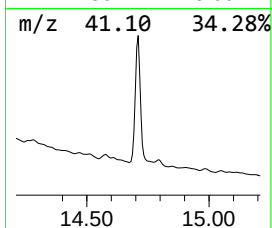
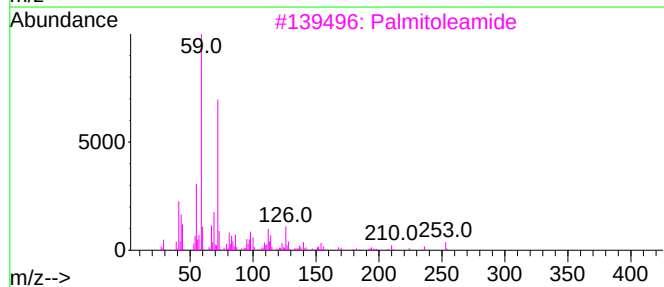
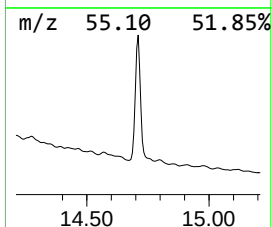
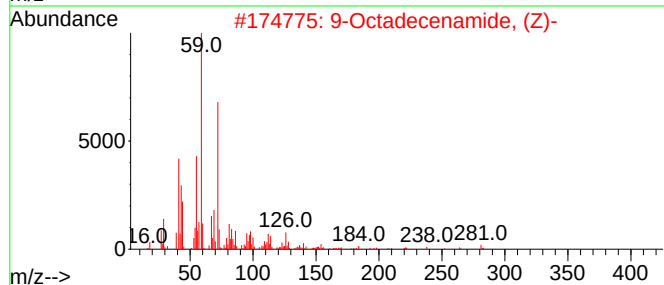
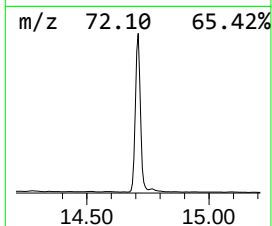
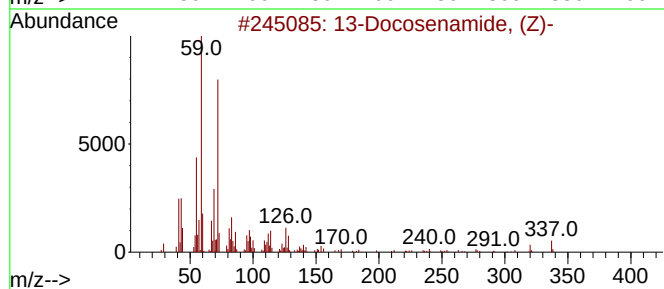
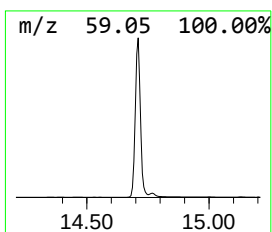
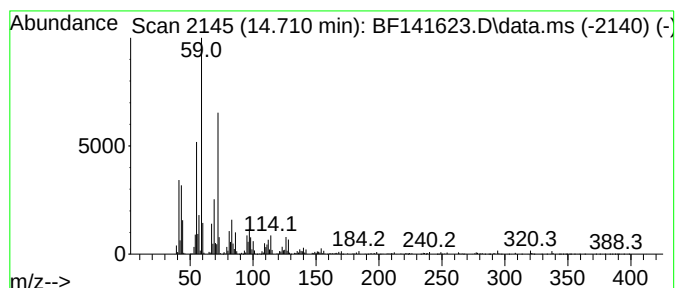
Instrument :
BNA_F
ClientSampleId :
MW1R

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

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.710	58.20 ng	2173870	Perylene-d12	15.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	Palmitoleamide	253	C16H31NO	106010-22-4	72
4	Decanamide-	171	C10H21NO	002319-29-1	59
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	59



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

Instrument :
BNA_F
ClientSampleId :
MW1R

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, 1,...	5.546	2.1	ng	221588	1	6.793	2099660	20.0
Sulfurous acid,...	5.640	2.4	ng	248831	1	6.793	2099660	20.0
Cyclohexane, 1-...	5.799	5.8	ng	608615	1	6.793	2099660	20.0
Isobutyl tetrad...	5.851	4.1	ng	427186	1	6.793	2099660	20.0
unknown5.940	5.940	5.7	ng	593891	1	6.793	2099660	20.0
Dodecane, 2,6,1...	5.987	2.9	ng	300260	1	6.793	2099660	20.0
Nonane, 3-methyl-	6.034	19.9	ng	2085390	1	6.793	2099660	20.0
Heptane, 3-ethy...	6.093	5.8	ng	608432	1	6.793	2099660	20.0
unknown6.222	6.222	12.5	ng	1313160	1	6.793	2099660	20.0
Cyclohexane, 1,...	6.322	20.2	ng	2121260	1	6.793	2099660	20.0
Cyclohexane, 1,...	6.534	21.3	ng	2231290	1	6.793	2099660	20.0
Cyclohexane, 1,...	6.646	13.8	ng	1444290	1	6.793	2099660	20.0
unknown6.851	6.851	10.6	ng	1108180	1	6.793	2099660	20.0
Carbonic acid, ...	6.916	19.2	ng	2012930	1	6.793	2099660	20.0
Cyclohexane, (2...	6.946	22.7	ng	2386130	1	6.793	2099660	20.0
4-Isopropyl-1,3...	7.063	45.1	ng	4732920	1	6.793	2099660	20.0
Naphthalene, de...	7.193	20.4	ng	2136630	1	6.793	2099660	20.0
unknown7.445	7.445	20.0	ng	2883610	2	8.087	2883610	20.0
13-Docosenamide...	14.710	58.2	ng	2173870	6	15.404	747051	20.0

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

Instrument :
 BNA_F
 ClientSampleId :
 MW1RDL

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

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

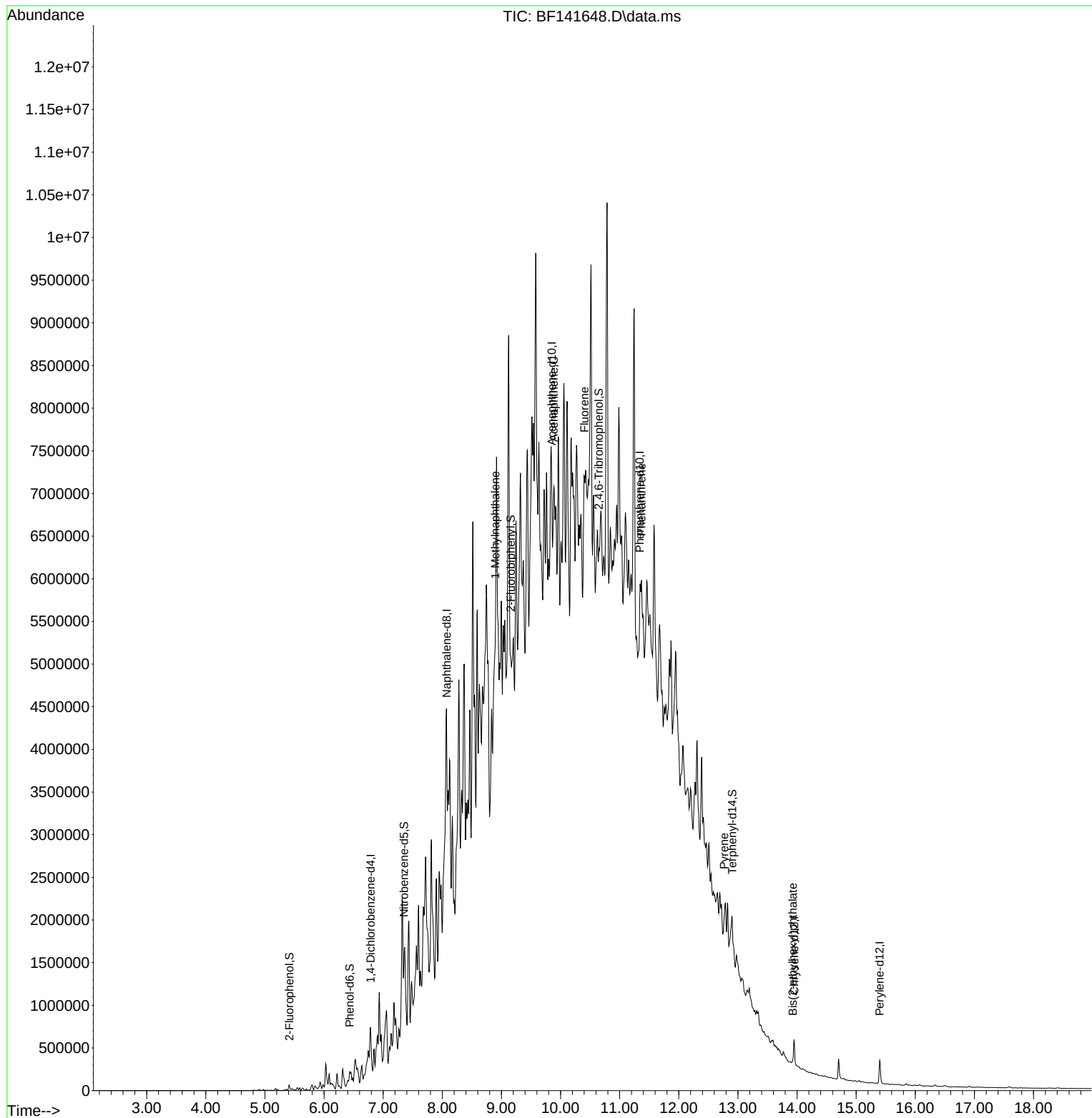
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1) 1,4-Dichlorobenzene-d4	6.787	152	69665	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	254515	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	116077	20.000	ng	# 0.02
64) Phenanthrene-d10	11.339	188	175889	20.000	ng	# 0.02
76) Chrysene-d12	13.951	240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

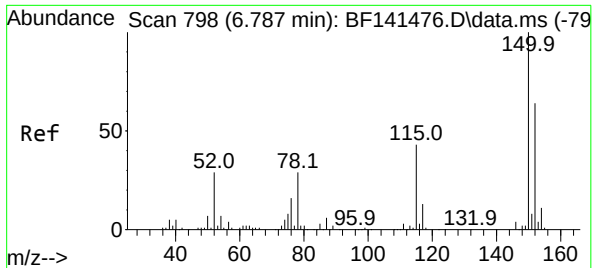
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141648.D
Acq On : 14 Feb 2025 19:08
Operator : RC/JU
Sample : Q1331-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1RDL

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

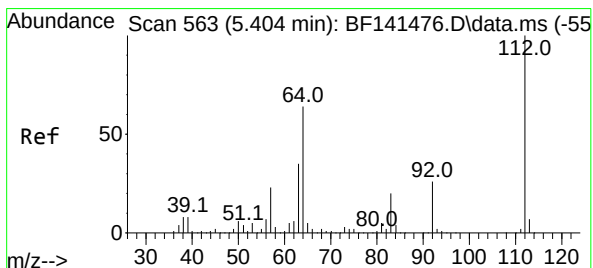
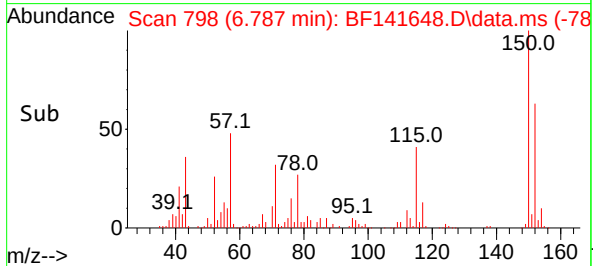
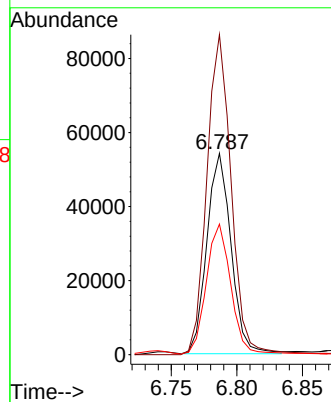
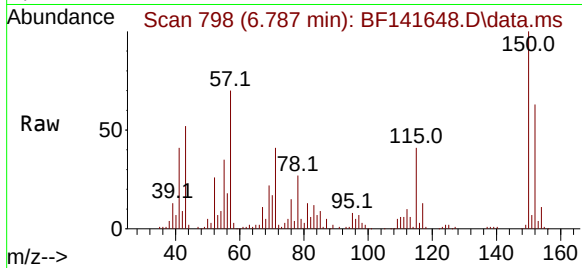




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

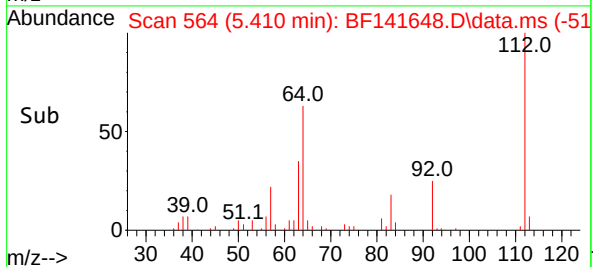
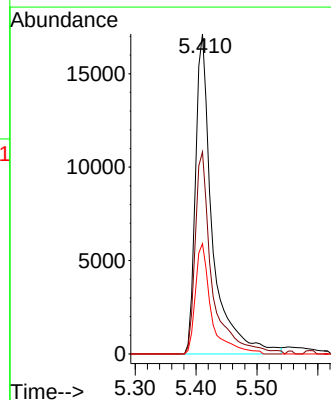
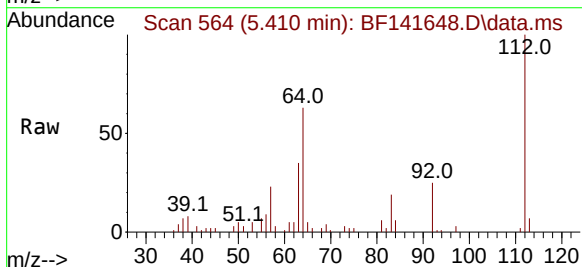
Instrument :
BNA_F
ClientSampleId :
MW1RDL

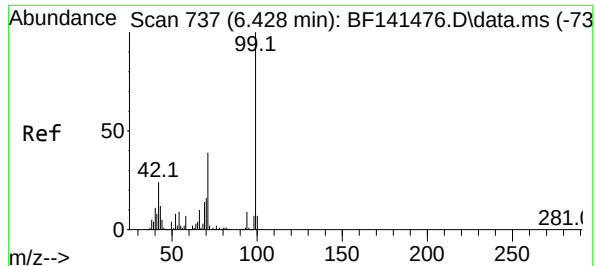
Tgt Ion:152 Resp: 69665
Ion Ratio Lower Upper
152 100
150 159.0 125.0 187.4
115 64.8 53.6 80.4



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

Tgt Ion:112 Resp: 33191
Ion Ratio Lower Upper
112 100
64 63.2 51.1 76.7
63 34.5 28.4 42.6





#7

Phenol-d6

Concen: 6.097 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

Instrument :

BNA_F

ClientSampleId :

MW1RDL

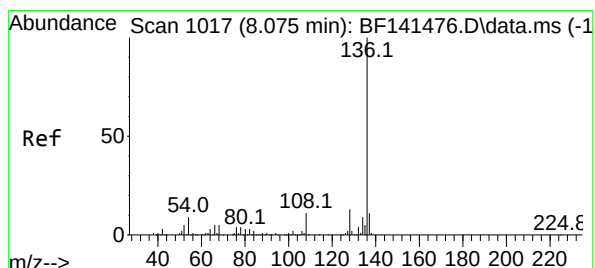
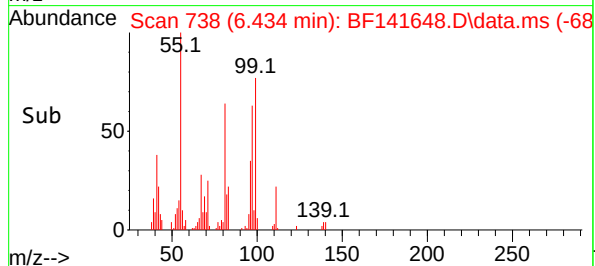
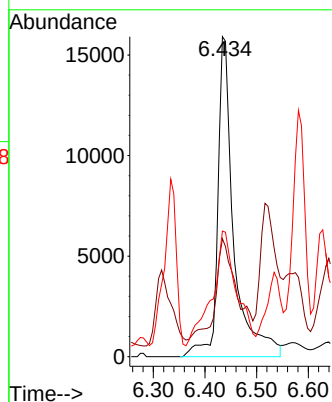
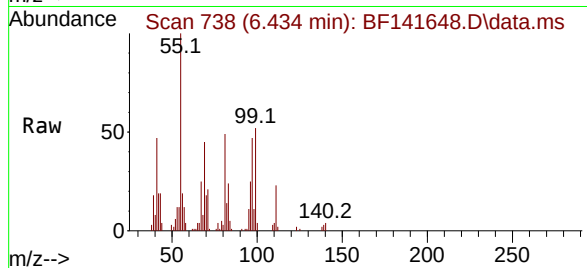
Tgt Ion: 99 Resp: 34244

Ion Ratio Lower Upper

99 100

42 36.9 19.1 28.7#

71 39.3 31.1 46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

Tgt Ion: 136 Resp: 254515

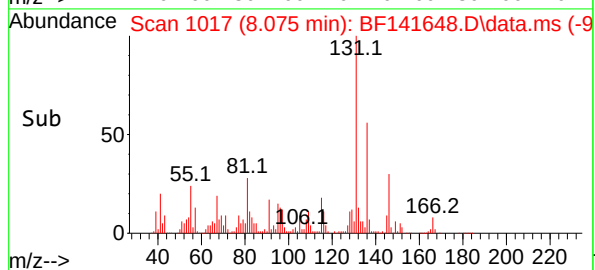
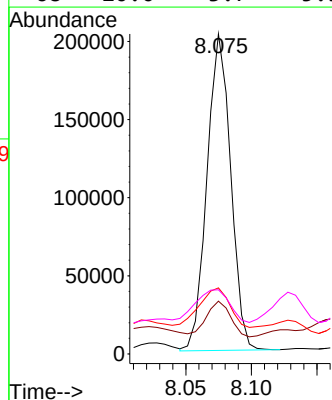
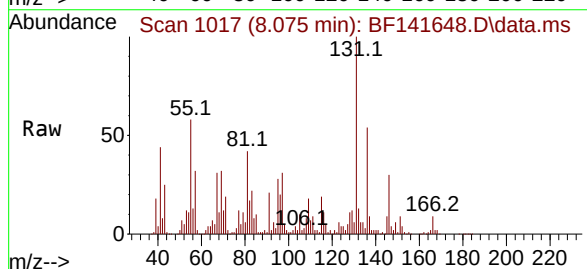
Ion Ratio Lower Upper

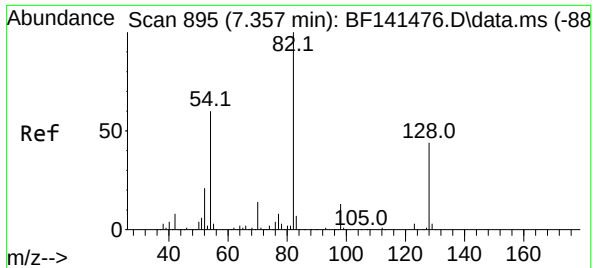
136 100

137 16.5 8.6 13.0#

54 20.7 7.2 10.8#

68 20.0 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 20.388 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

Instrument :

BNA_F

ClientSampleId :

MW1RDL

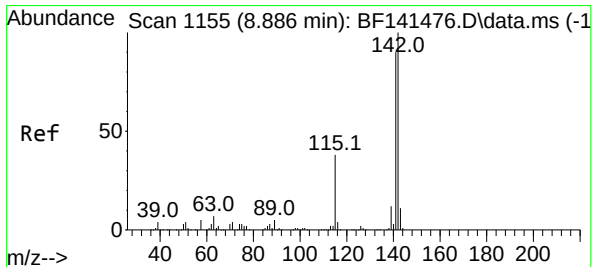
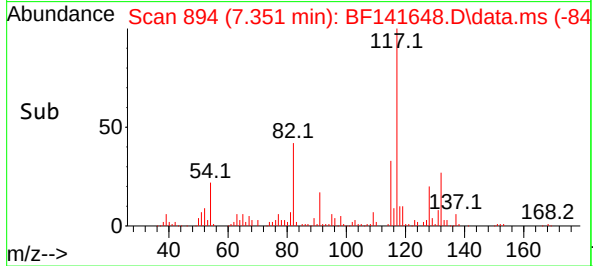
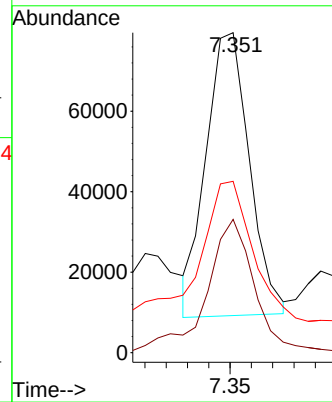
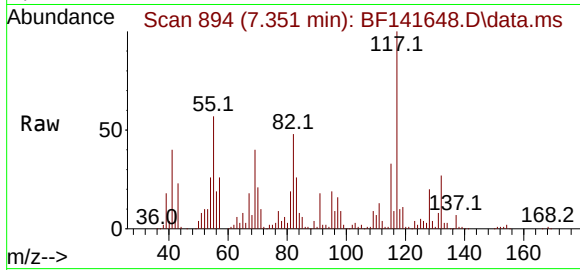
Tgt Ion: 82 Resp: 99487

Ion Ratio Lower Upper

82 100

128 41.6 34.8 52.2

54 53.5 48.2 72.4



#38

1-Methylnaphthalene

Concen: 18.722 ng

RT: 8.898 min Scan# 1157

Delta R.T. 0.012 min

Lab File: BF141648.D

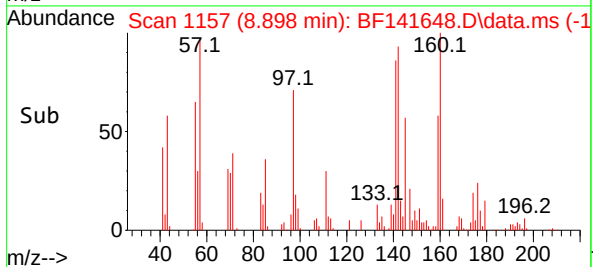
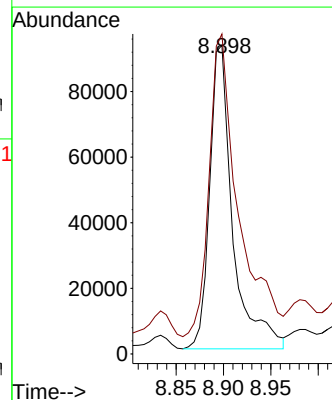
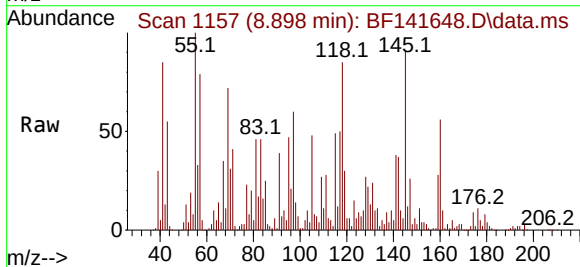
Acq: 14 Feb 2025 19:08

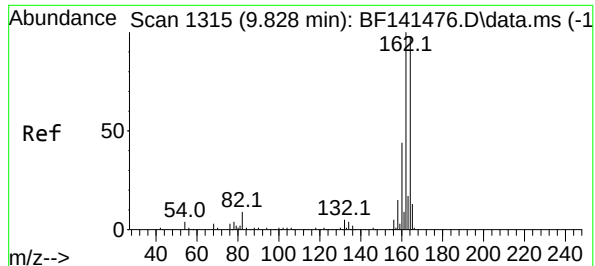
Tgt Ion:142 Resp: 156330

Ion Ratio Lower Upper

142 100

141 103.6 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

Instrument :

BNA_F

ClientSampleId :

MW1RDL

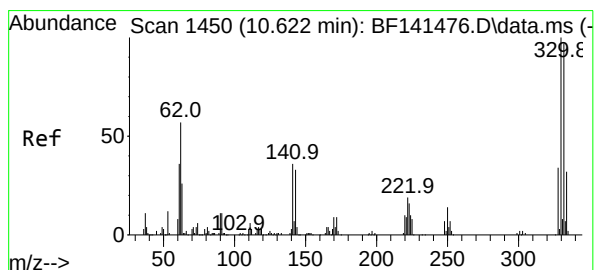
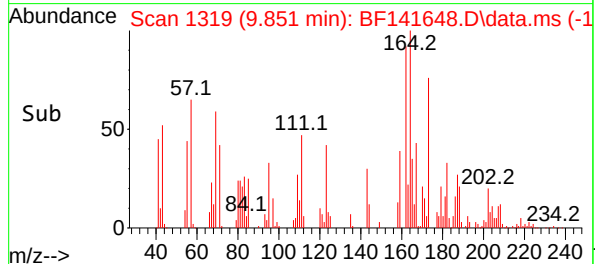
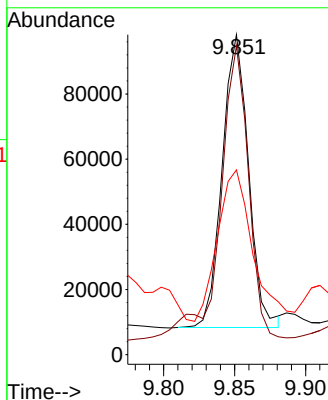
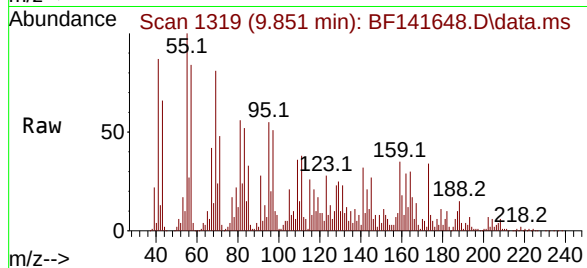
Tgt Ion:164 Resp: 116077

Ion Ratio Lower Upper

164 100

162 96.5 81.3 121.9

160 57.7 35.9 53.9#



#42

2,4,6-Tribromophenol

Concen: 30.688 ng

RT: 10.645 min Scan# 1454

Delta R.T. 0.018 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

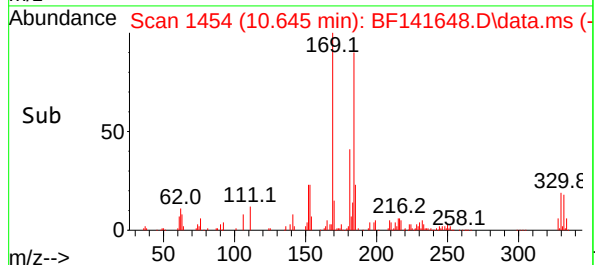
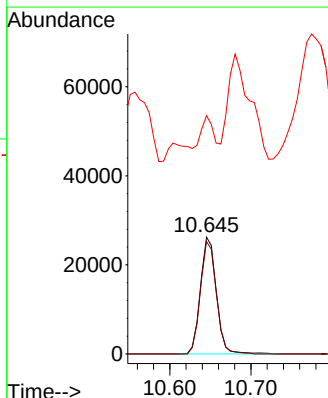
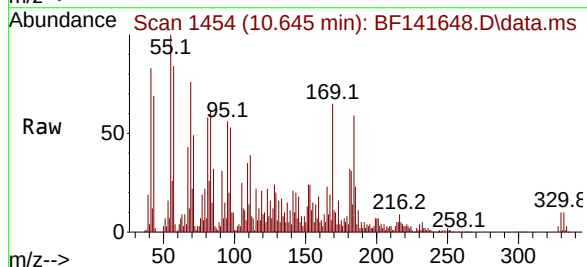
Tgt Ion:330 Resp: 35784

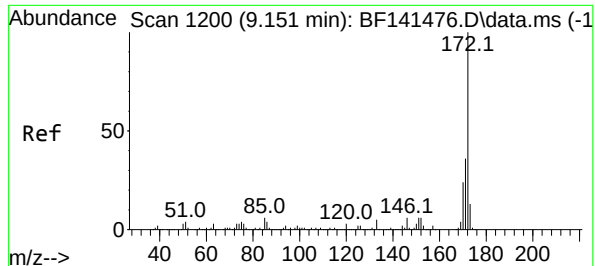
Ion Ratio Lower Upper

330 100

332 95.8 78.5 117.7

141 20.0 31.0 46.4#





#45

2-Fluorobiphenyl

Concen: 25.574 ng

RT: 9.157 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

Instrument :

BNA_F

ClientSampleId :

MW1RDL

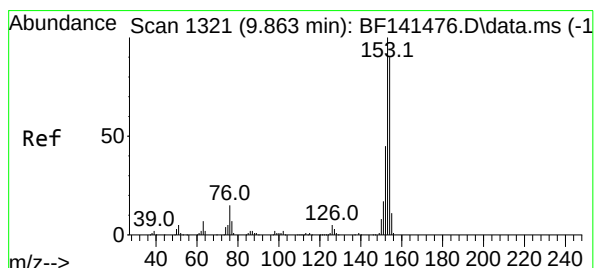
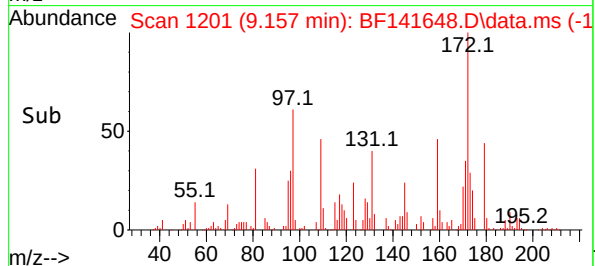
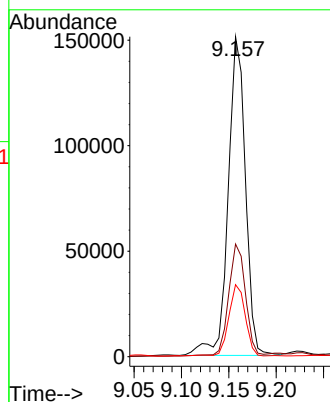
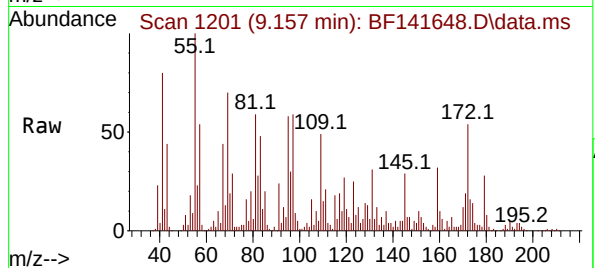
Tgt Ion:172 Resp: 192682

Ion Ratio Lower Upper

172 100

171 35.2 28.7 43.1

170 22.5 18.9 28.3



#52

Acenaphthene

Concen: 13.728 ng

RT: 9.886 min Scan# 1325

Delta R.T. 0.018 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

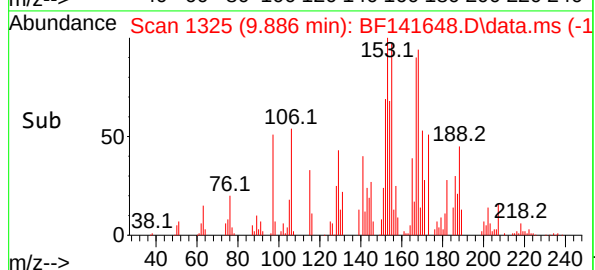
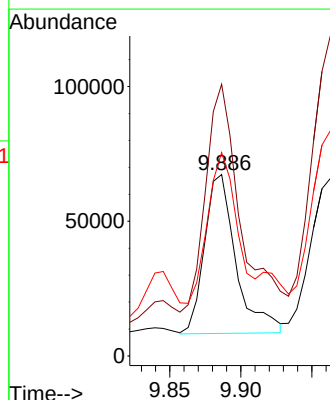
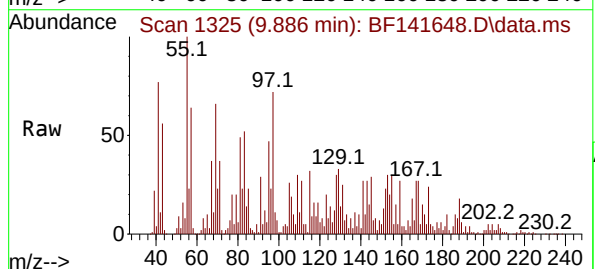
Tgt Ion:154 Resp: 91349

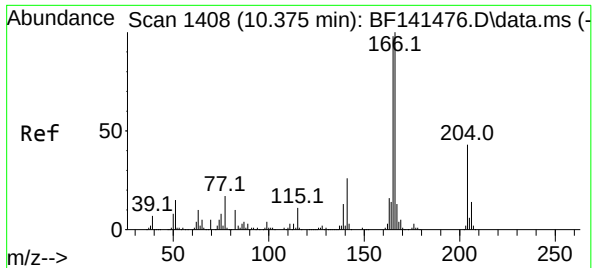
Ion Ratio Lower Upper

154 100

153 149.8 89.2 133.8#

152 112.0 39.8 59.8#

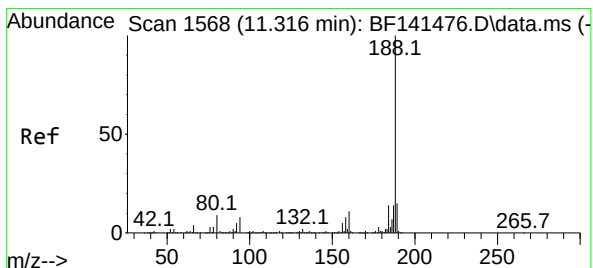
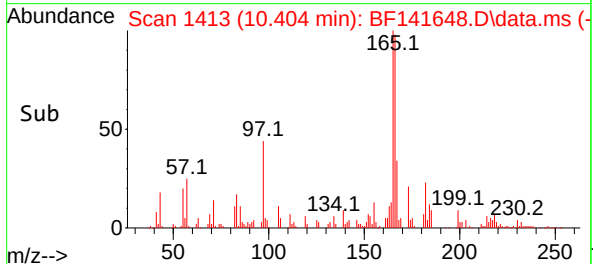
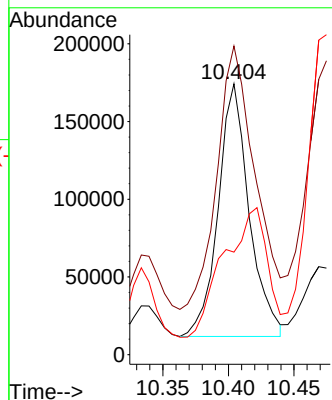
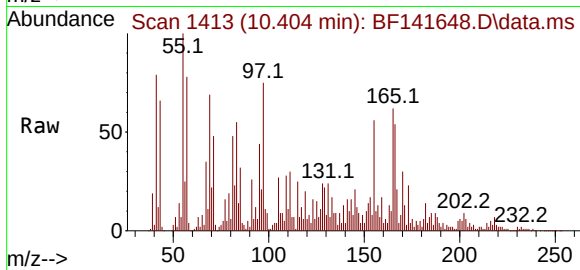




#58
Fluorene
Concen: 35.258 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.024 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

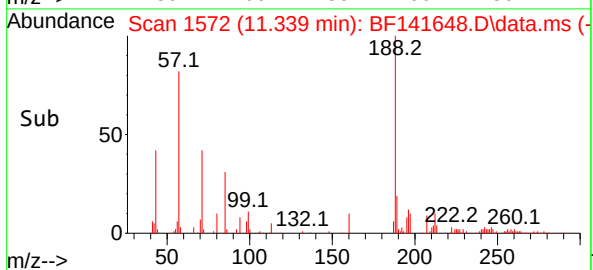
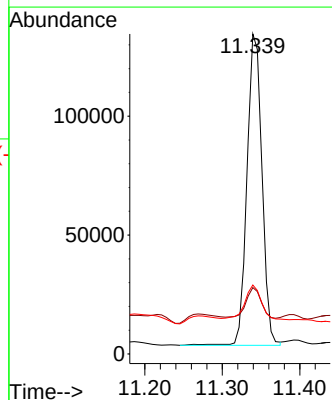
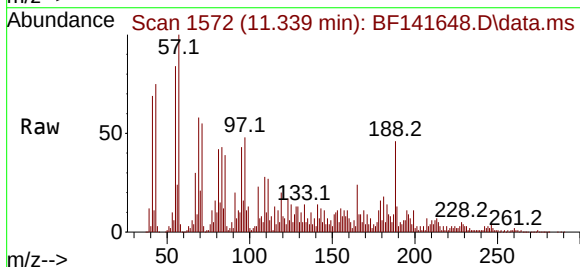
Instrument :
BNA_F
ClientSampleId :
MW1RDL

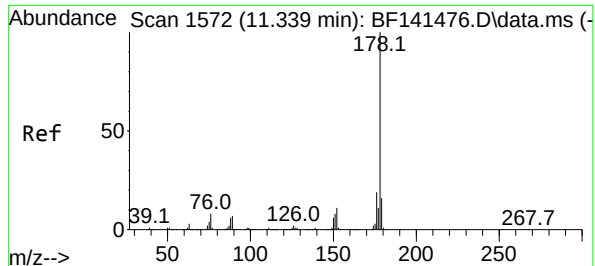
Tgt Ion:166 Resp: 266273
Ion Ratio Lower Upper
166 100
165 113.9 78.2 117.2
167 37.8 10.7 16.1#



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

Tgt Ion:188 Resp: 175889
Ion Ratio Lower Upper
188 100
94 20.7 6.6 10.0#
80 21.6 7.3 10.9#





#71

Phenanthrene

Concen: 54.209 ng

RT: 11.369 min Scan# 1

Delta R.T. 0.024 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

Instrument :

BNA_F

ClientSampleId :

MW1RDL

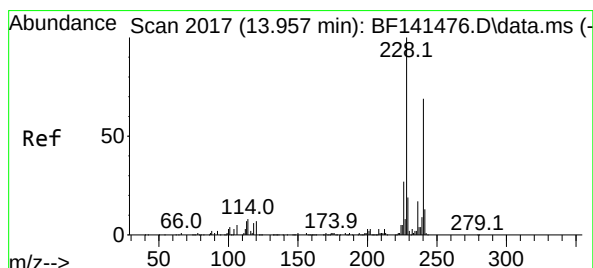
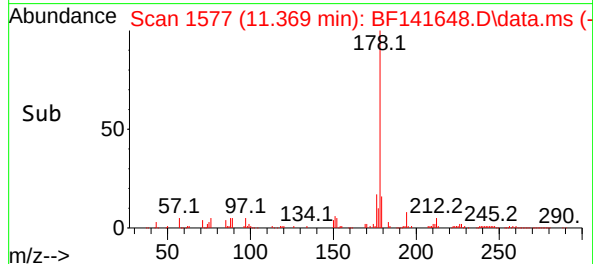
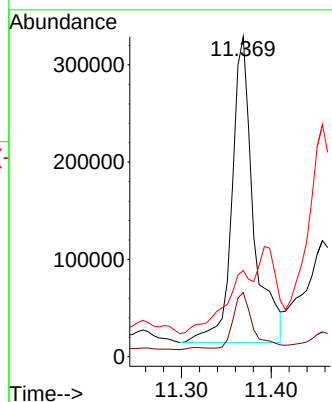
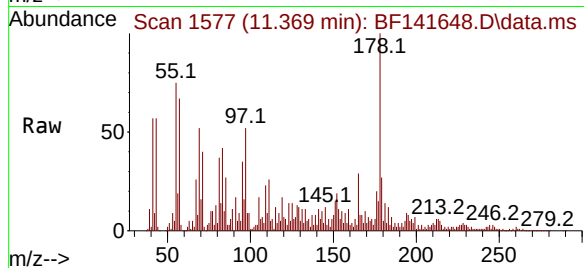
Tgt Ion:178 Resp: 524843

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.0

179 27.0 12.4 18.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

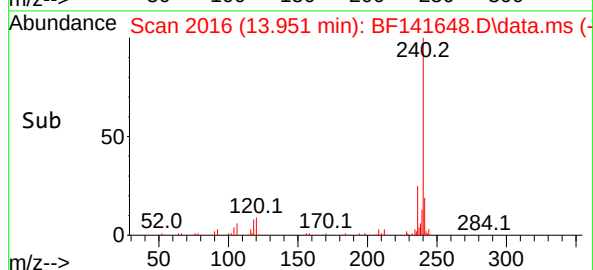
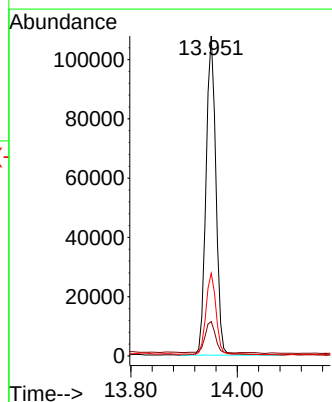
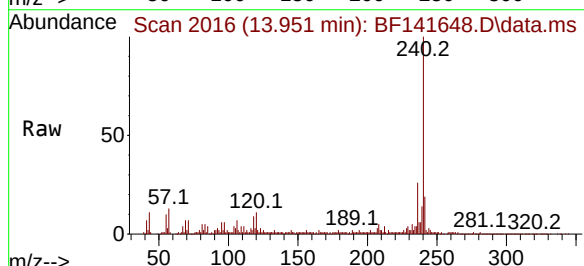
Tgt Ion:240 Resp: 138765

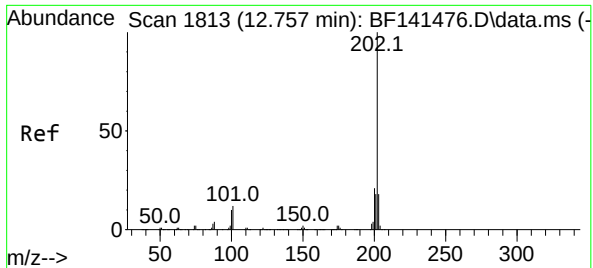
Ion Ratio Lower Upper

240 100

120 10.8 8.0 12.0

236 25.8 19.8 29.8





#78

Pyrene

Concen: 14.404 ng

RT: 12.769 min Scan# 1815

Delta R.T. 0.006 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

Instrument :

BNA_F

ClientSampleId :

MW1RDL

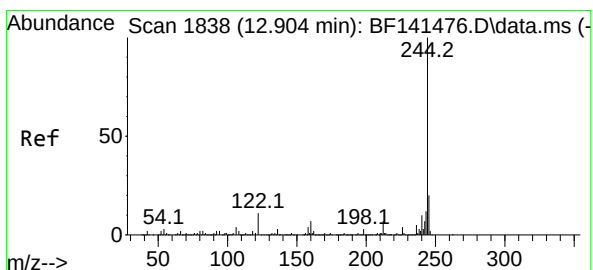
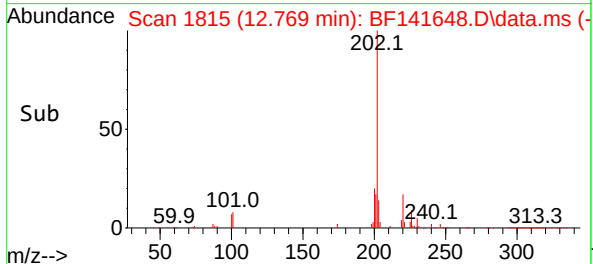
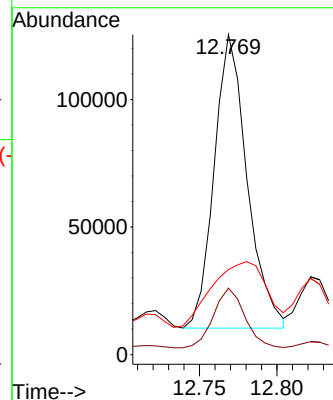
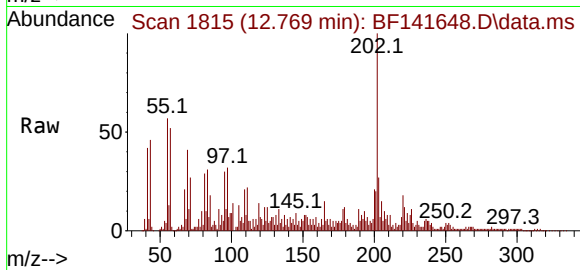
Tgt Ion:202 Resp: 170154

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

203 26.6 14.3 21.5#



#79

Terphenyl-d14

Concen: 19.331 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

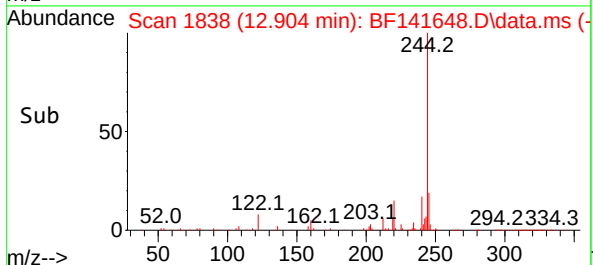
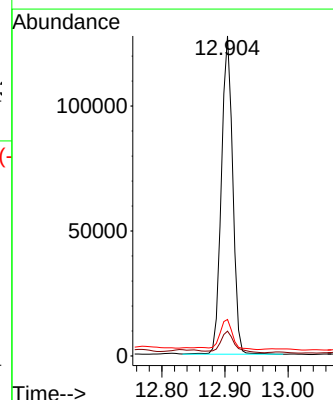
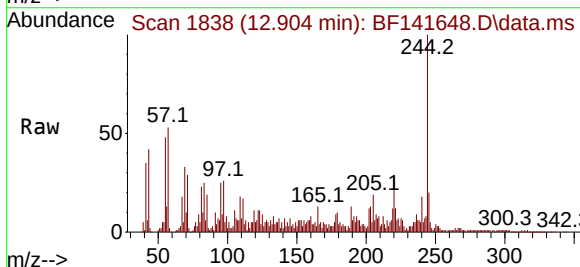
Tgt Ion:244 Resp: 158897

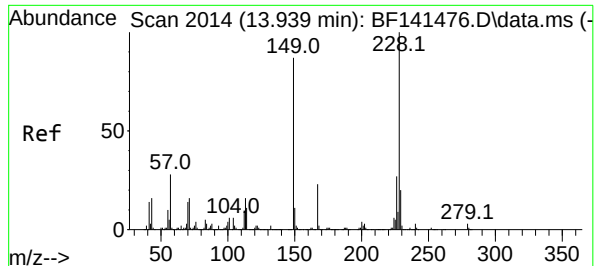
Ion Ratio Lower Upper

244 100

212 7.8 5.6 8.4

122 11.4 8.4 12.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.349 ng

RT: 13.927 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

Instrument :

BNA_F

ClientSampleId :

MW1RDL

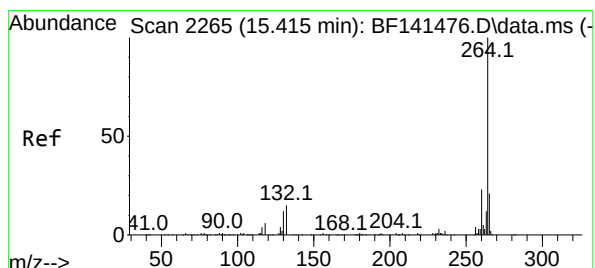
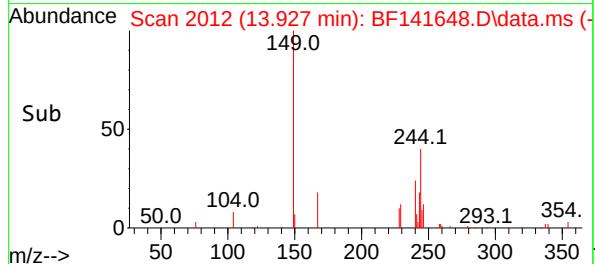
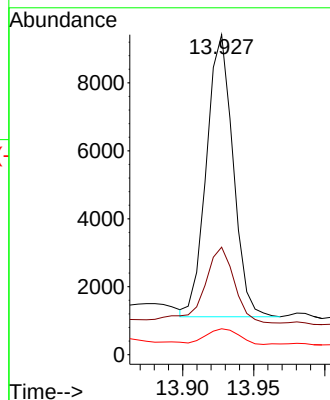
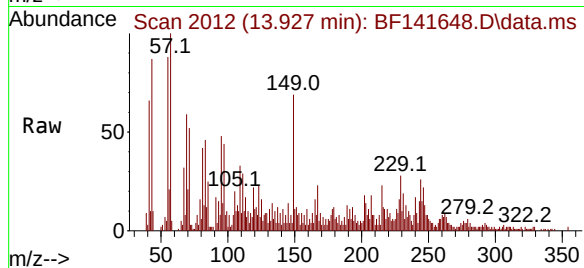
Tgt Ion:149 Resp: 10841

Ion Ratio Lower Upper

149 100

167 33.6 21.4 32.0#

279 8.1 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 2262

Delta R.T. -0.017 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

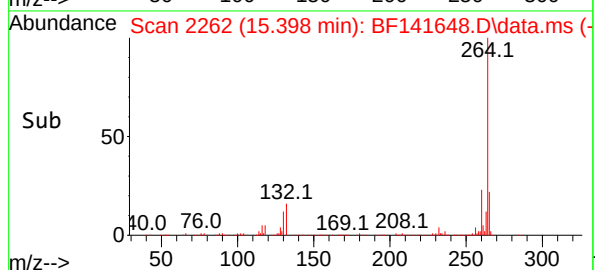
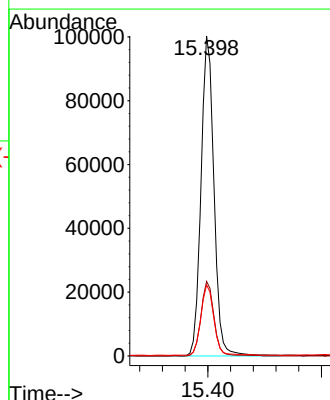
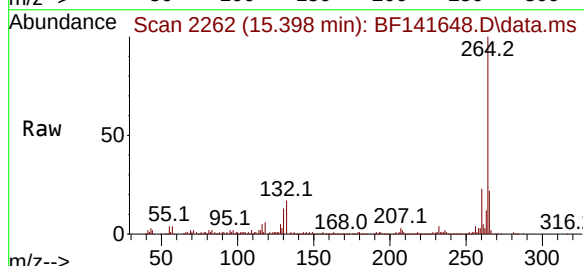
Tgt Ion:264 Resp: 158981

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 22.2 17.0 25.4



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

Instrument :
BNA_F
ClientSampleId :
PB166641BL

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

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

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

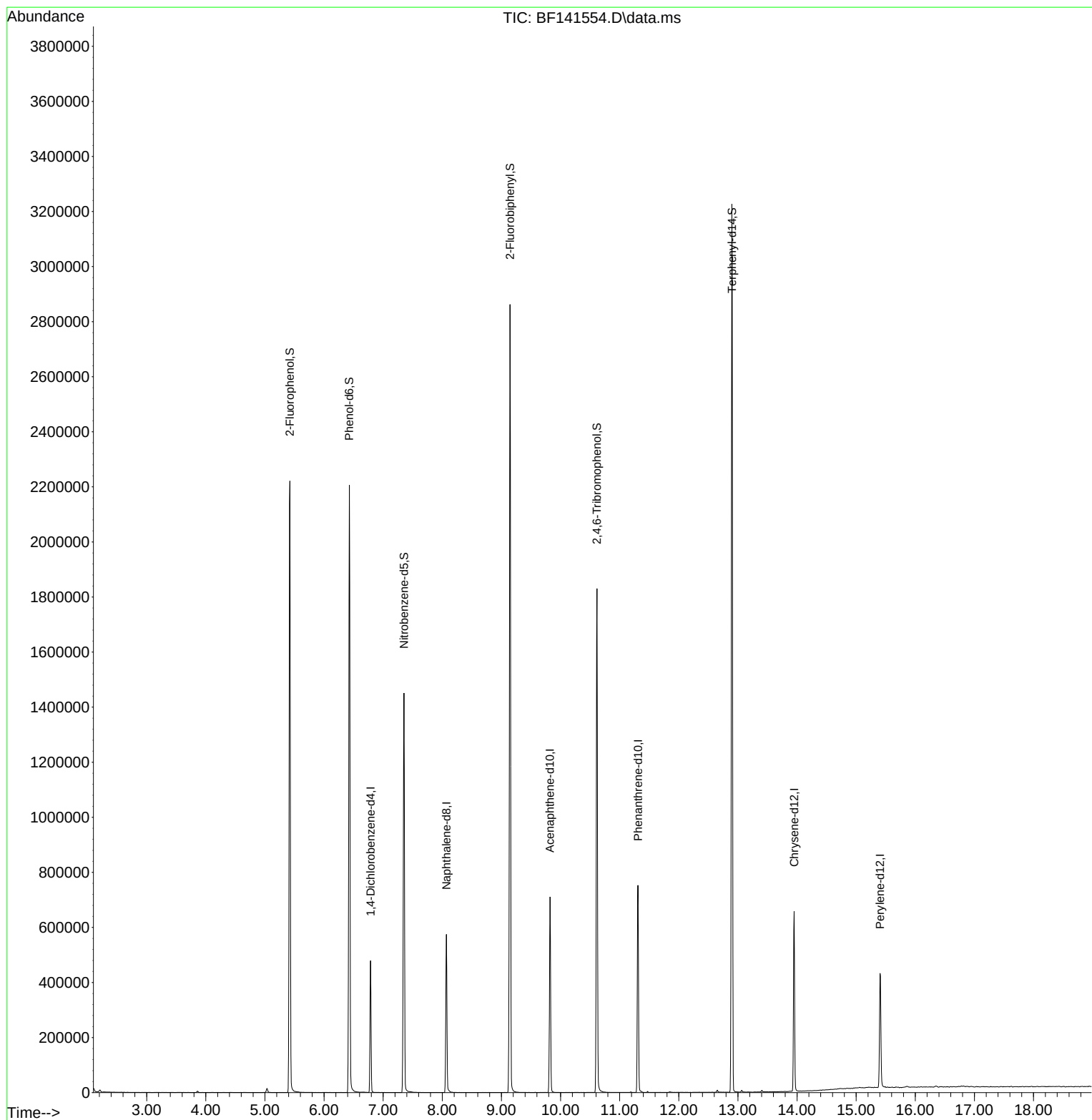
Target Compounds	Qvalue

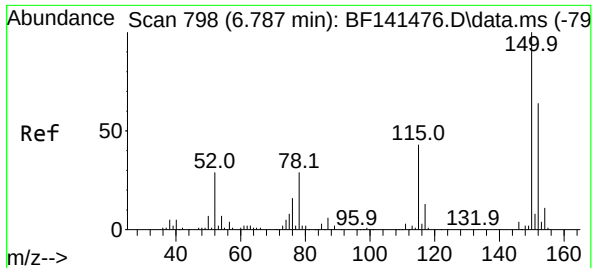
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
BNA_F
ClientSampleId :
PB166641BL

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

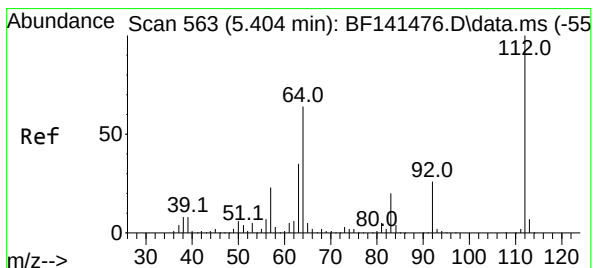
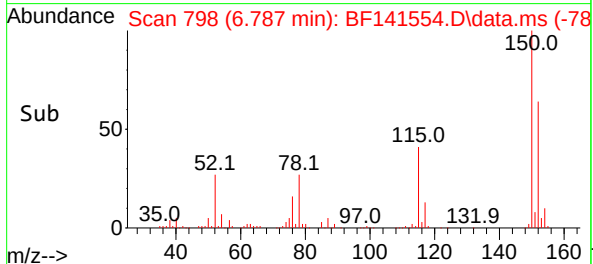
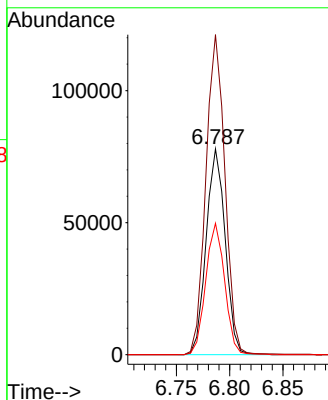
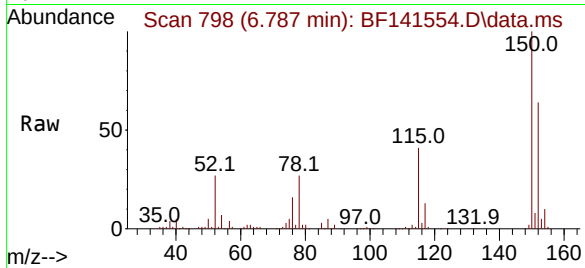




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

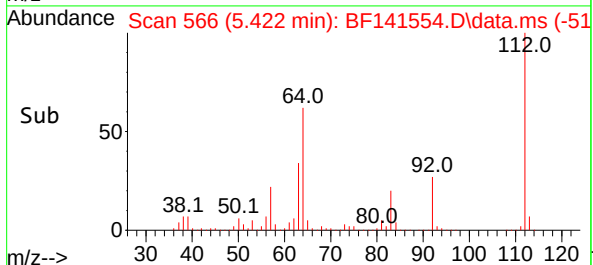
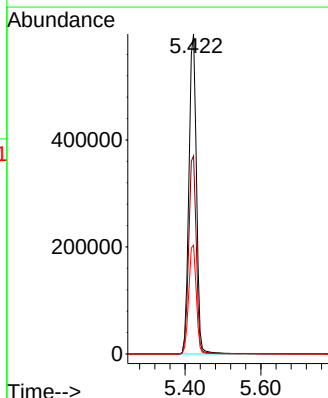
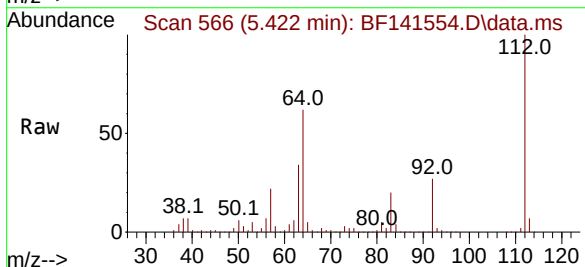
Instrument :
BNA_F
ClientSampleId :
PB166641BL

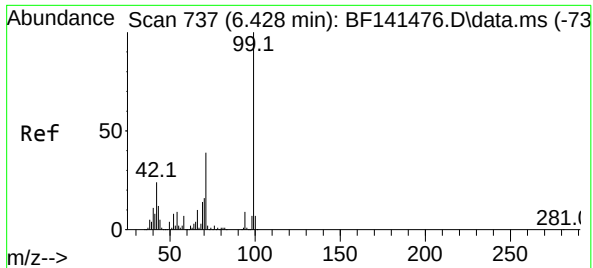
Tgt Ion:152 Resp: 97044
Ion Ratio Lower Upper
152 100
150 155.5 125.0 187.4
115 63.9 53.6 80.4



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

Tgt Ion:112 Resp: 825237
Ion Ratio Lower Upper
112 100
64 61.9 51.1 76.7
63 34.0 28.4 42.6

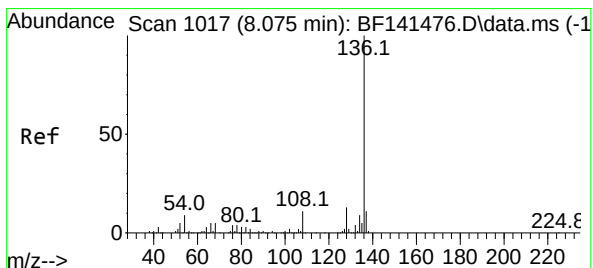
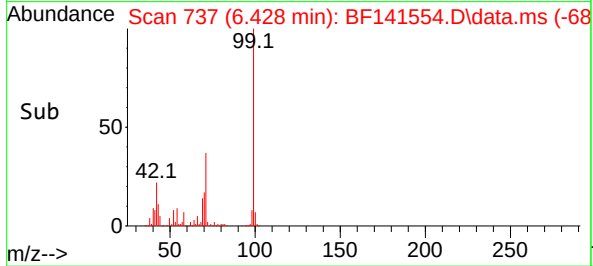
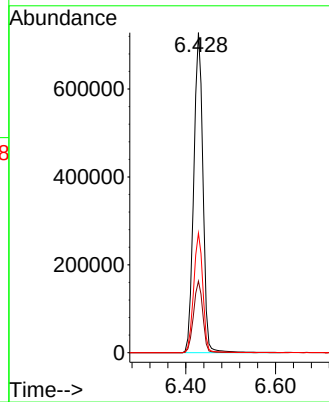
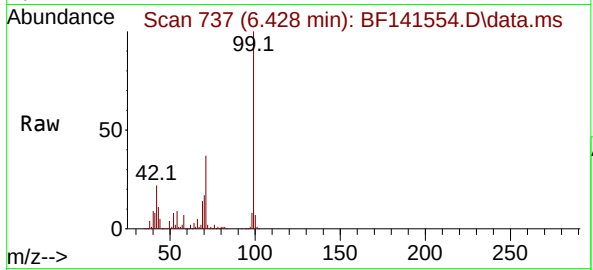




#7
Phenol-d6
Concen: 132.106 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

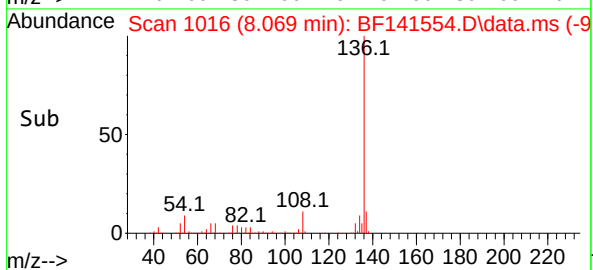
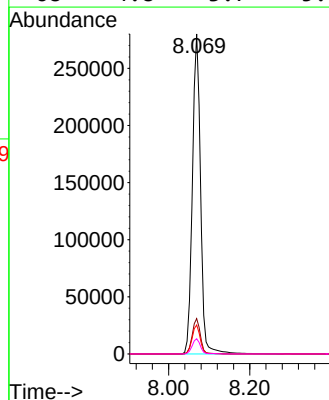
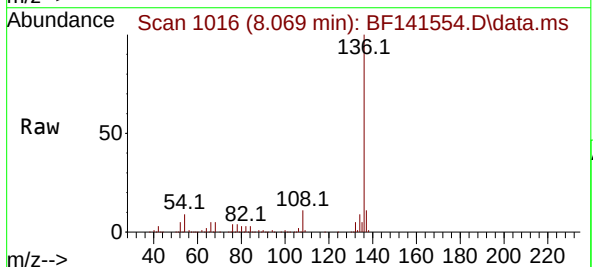
Instrument :
BNA_F
ClientSampleId :
PB166641BL

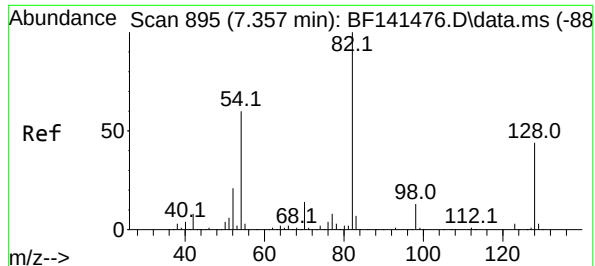
Tgt Ion: 99 Resp: 1033560
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 37.3 31.1 46.7



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

Tgt Ion: 136 Resp: 390720
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.0 7.2 10.8
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 92.764 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141554.D

Acq: 11 Feb 2025 11:47

Instrument :

BNA_F

ClientSampleId :

PB166641BL

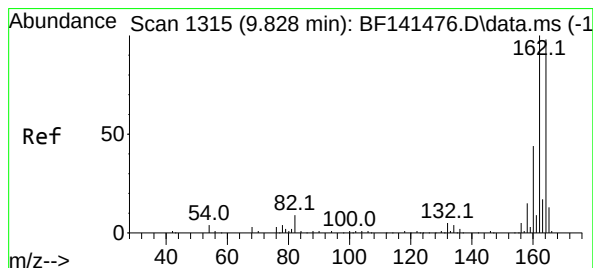
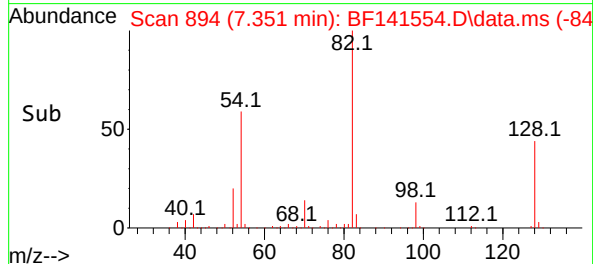
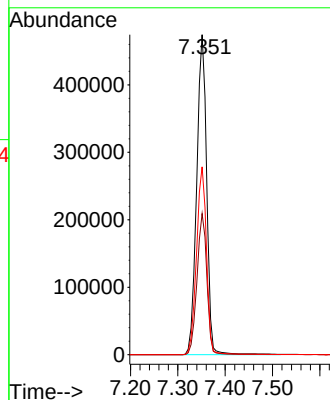
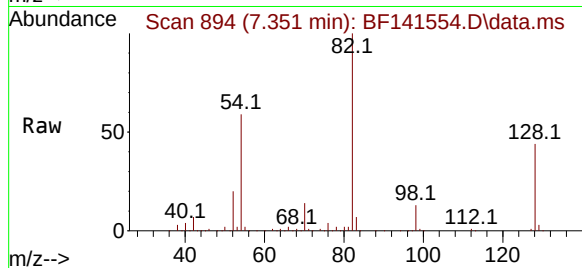
Tgt Ion: 82 Resp: 694900

Ion Ratio Lower Upper

82 100

128 44.1 34.8 52.2

54 58.7 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF141554.D

Acq: 11 Feb 2025 11:47

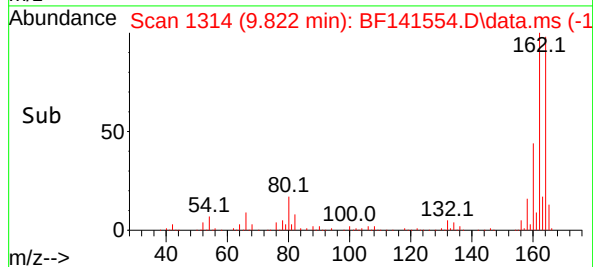
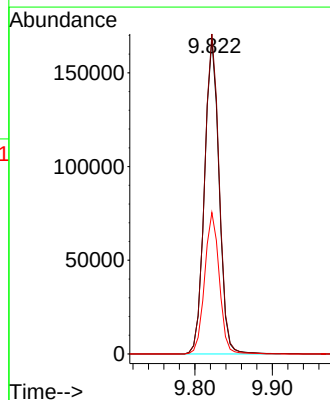
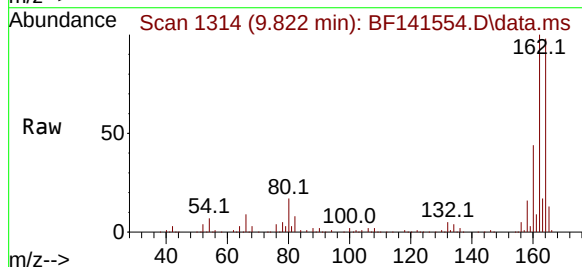
Tgt Ion:164 Resp: 219692

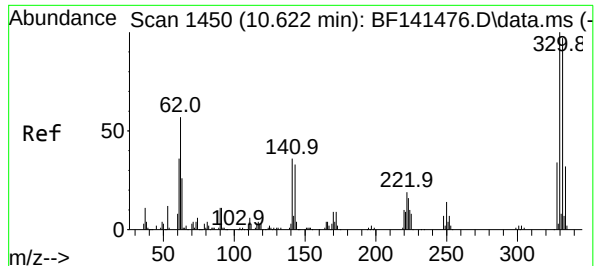
Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

160 45.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 138.505 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141554.D

Acq: 11 Feb 2025 11:47

Instrument :

BNA_F

ClientSampleId :

PB166641BL

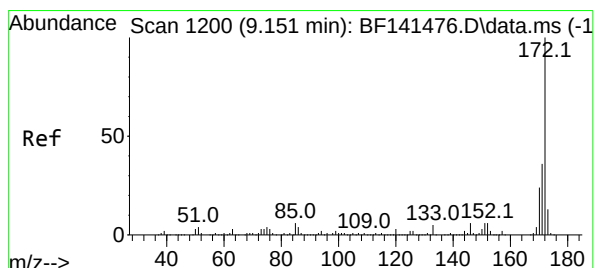
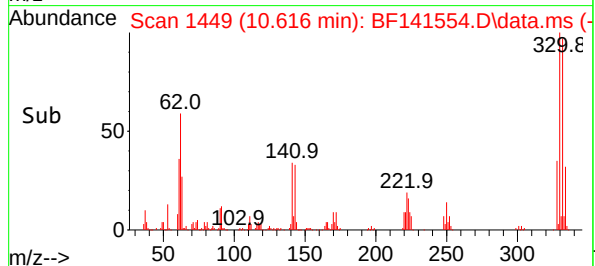
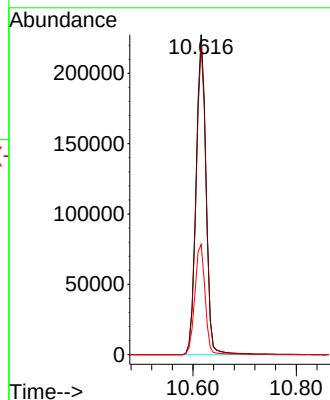
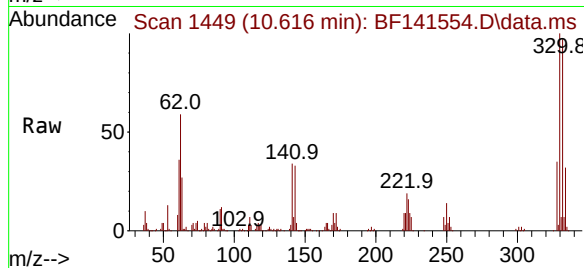
Tgt Ion:330 Resp: 305667

Ion Ratio Lower Upper

330 100

332 96.5 78.5 117.7

141 35.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 93.193 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141554.D

Acq: 11 Feb 2025 11:47

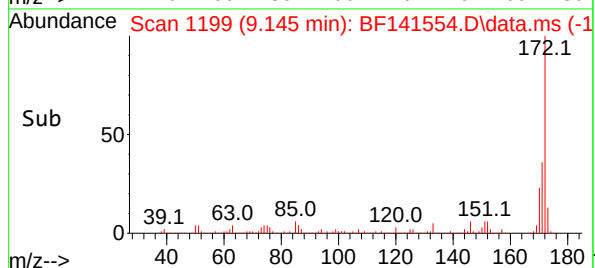
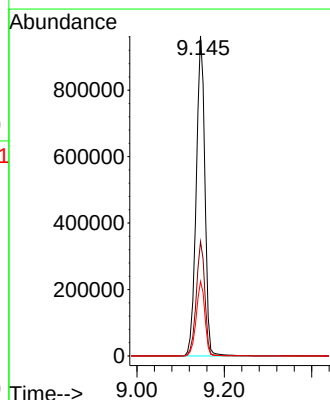
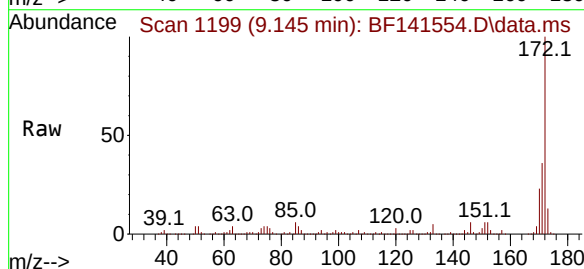
Tgt Ion:172 Resp: 1328906

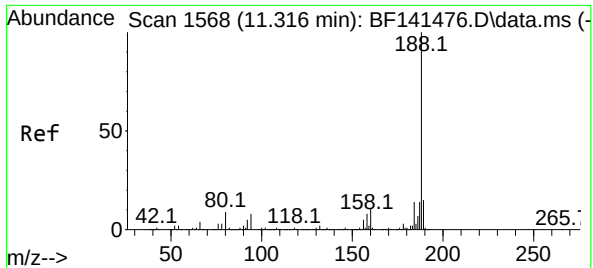
Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.3 18.9 28.3

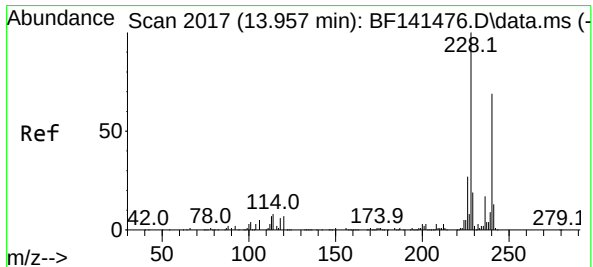
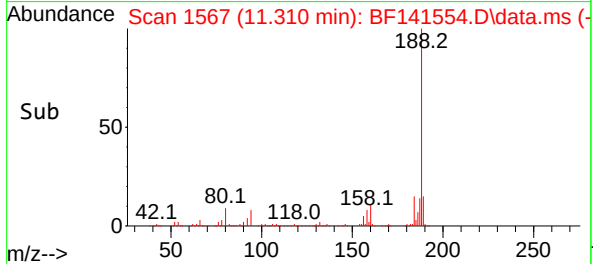
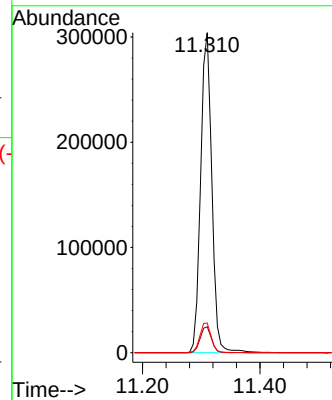
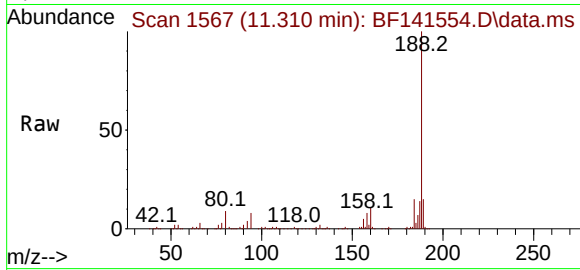




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

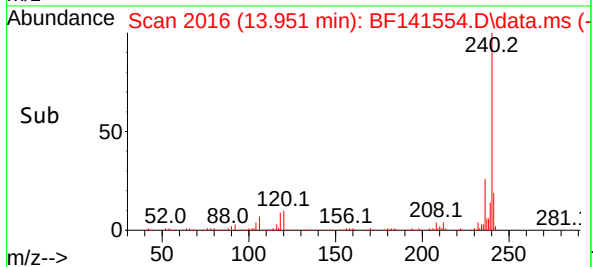
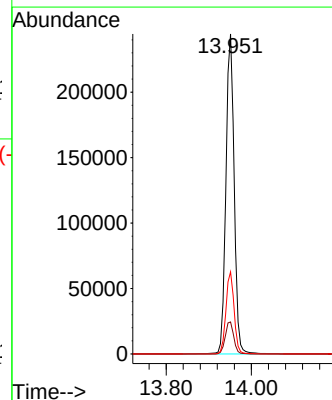
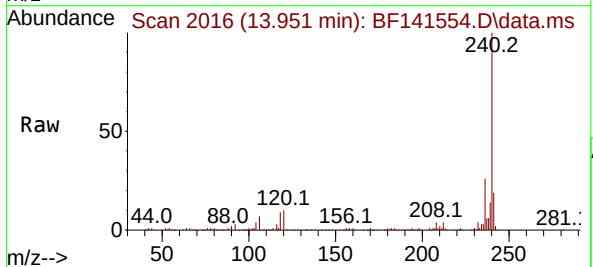
Instrument :
BNA_F
ClientSampleId :
PB166641BL

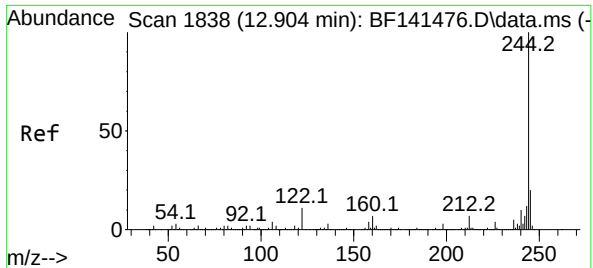
Tgt Ion:188 Resp: 401003
Ion Ratio Lower Upper
188 100
94 8.1 6.6 10.0
80 9.3 7.3 10.9



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

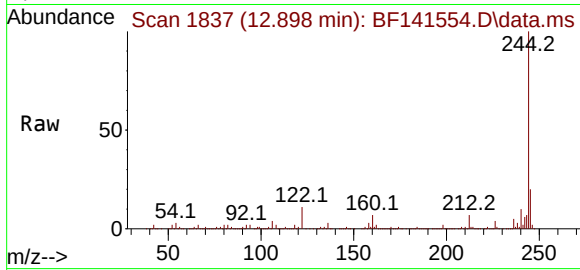
Tgt Ion:240 Resp: 328820
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 25.6 19.8 29.8



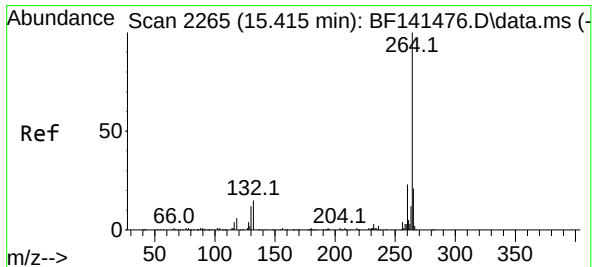
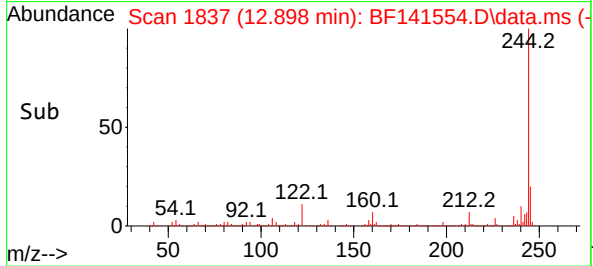
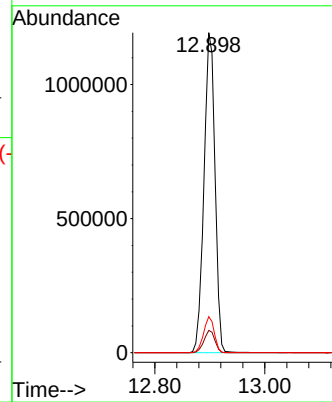


#79
Terphenyl-d14
Concen: 85.446 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Instrument :
BNA_F
ClientSampleId :
PB166641BL

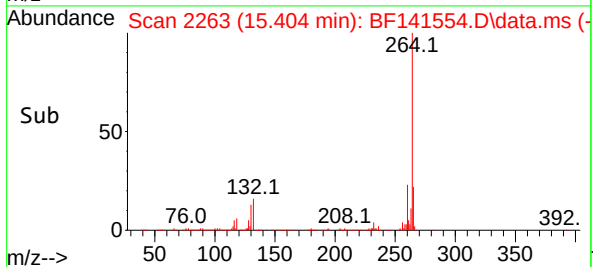
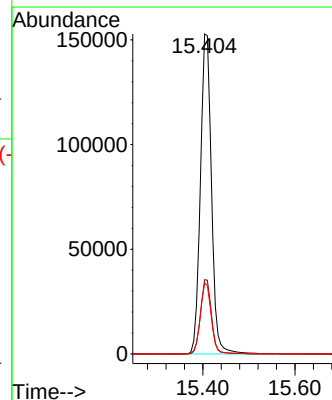
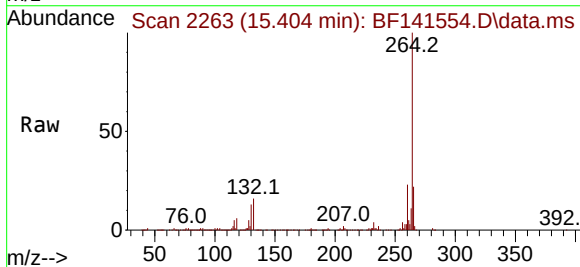


Tgt Ion:244 Resp: 1664298
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 11.3 8.4 12.6



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

Tgt Ion:264 Resp: 255232
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 22.2 17.0 25.4



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

Instrument :
 BNA_F
 ClientSampleId :
 PB166641BL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141554.D\data.ms

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

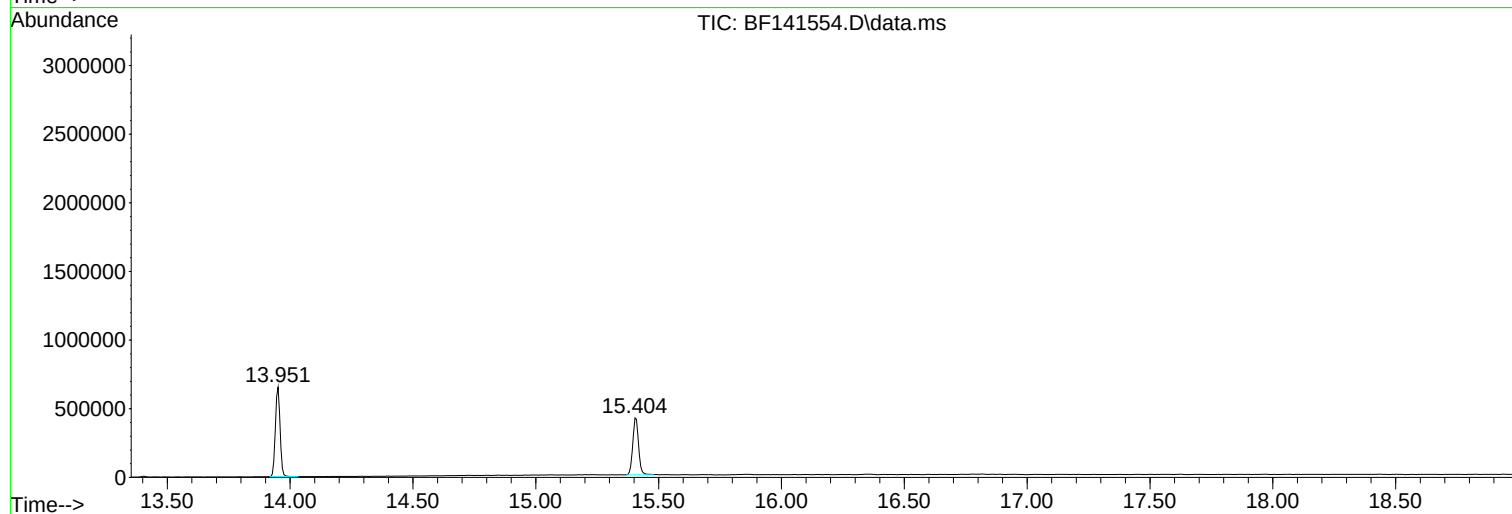
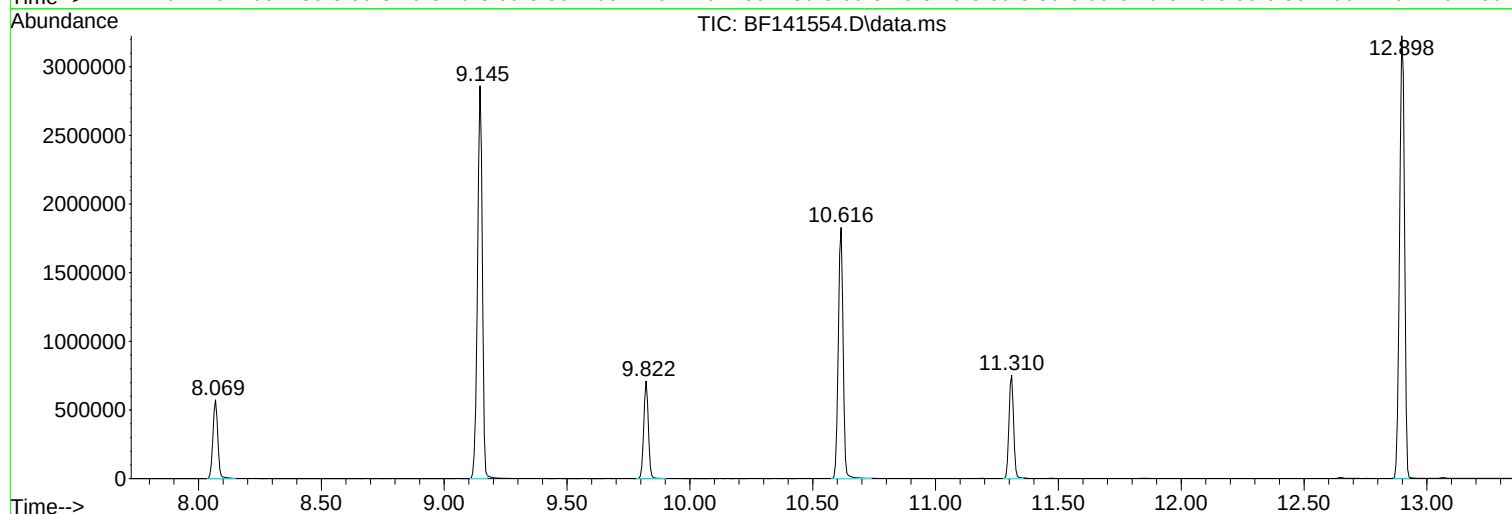
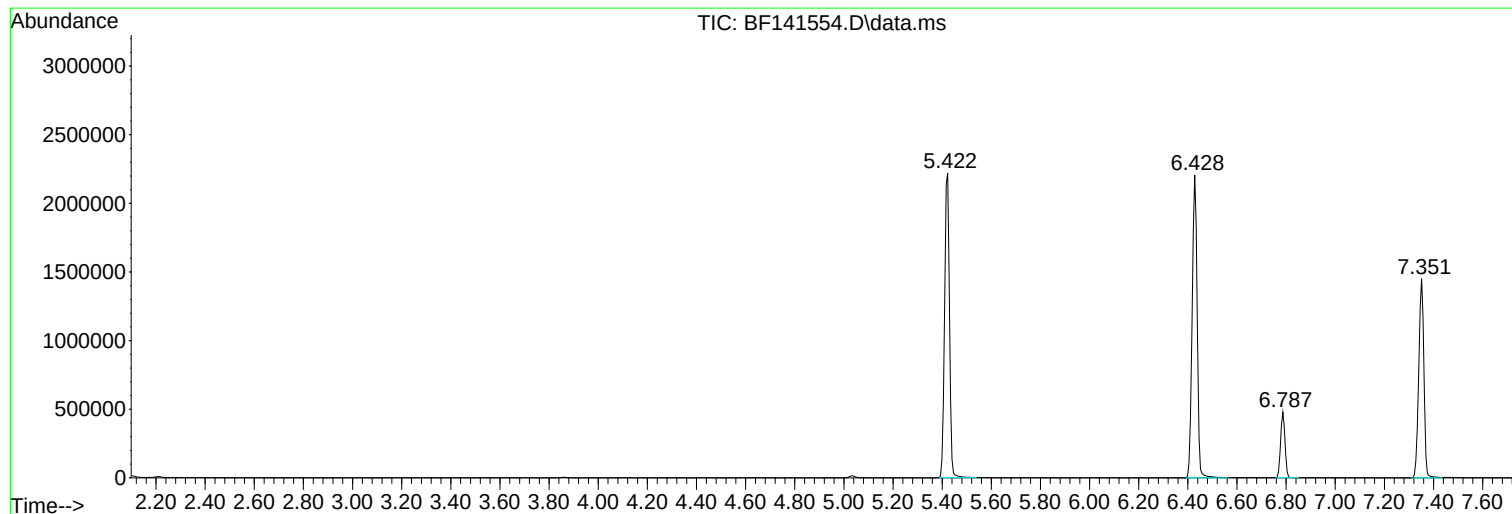
Sum of corrected areas: 23991680

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

Instrument :
BNA_F
ClientSampleId :
PB166641BL

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

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



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

Instrument :
BNA_F
ClientSampleId :
PB166641BL

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

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

No Library Search Compounds Detected

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

Instrument :
BNA_F
ClientSampleId :
PB166641BL

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

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

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141555.D
 Acq On : 11 Feb 2025 12:13
 Operator : RC/JU
 Sample : PB166641BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166641BS

Manual Integrations APPROVED

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

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	98554	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	391258	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	220324	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	382864	20.000	ng	0.00
76) Chrysene-d12	13.957	240	259250	20.000	ng	0.00
86) Perylene-d12	15.404	264	202543	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	791057	125.837	ng	0.01
7) Phenol-d6	6.434	99	993283	125.013	ng	0.00
23) Nitrobenzene-d5	7.357	82	662200	88.277	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	291680	131.788	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1266144	88.537	ng	0.00
79) Terphenyl-d14	12.898	244	1493792	97.272	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	100772	39.829	ng	99
3) Pyridine	3.316	79	242963	40.354	ng	98
4) n-Nitrosodimethylamine	3.269	42	162958	40.876	ng	98
6) Aniline	6.451	93	286812	38.482	ng	88
8) 2-Chlorophenol	6.575	128	294241	43.318	ng	98
9) Benzaldehyde	6.340	77	173724	41.145	ng	99
10) Phenol	6.445	94	348685	42.164	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	264747	42.623	ng	100
12) 1,3-Dichlorobenzene	6.728	146	301623	42.061	ng	99
13) 1,4-Dichlorobenzene	6.804	146	310923	42.436	ng	99
14) 1,2-Dichlorobenzene	6.957	146	295105	43.397	ng	99
15) Benzyl Alcohol	6.934	79	258049	42.352	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	455151	42.806	ng	79
17) 2-Methylphenol	7.051	107	233550	43.936	ng	98
18) Hexachloroethane	7.298	117	117449	43.314	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	204888	43.110	ng	100
20) 3+4-Methylphenols	7.204	107	295706	43.773	ng	99
22) Acetophenone	7.198	105	449779	46.213	ng	# 98
24) Nitrobenzene	7.375	77	308363	42.156	ng	100
25) Isophorone	7.616	82	561611	46.955	ng	98
26) 2-Nitrophenol	7.686	139	160199	44.020	ng	97
27) 2,4-Dimethylphenol	7.728	122	234630	55.189	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	335627	43.791	ng	99
29) 2,4-Dichlorophenol	7.934	162	251335	43.754	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	264468	42.279	ng	100
31) Naphthalene	8.092	128	854031	41.933	ng	100
32) Benzoic acid	7.869	122	189911	43.005	ng	99
33) 4-Chloroaniline	8.145	127	170881	24.032	ng	97
34) Hexachlorobutadiene	8.210	225	165112	43.968	ng	99
35) Caprolactam	8.522	113	86733m	49.591	ng	
36) 4-Chloro-3-methylphenol	8.633	107	276514	43.457	ng	99
37) 2-Methylnaphthalene	8.786	142	549494	41.461	ng	99
38) 1-Methylnaphthalene	8.881	142	534725	41.658	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	296238	46.474	ng	99
41) Hexachlorocyclopentadiene	8.939	237	323436	152.555	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	180200	43.740	ng	99

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

Instrument :
 BNA_F
 ClientSampleId :
 PB166641BS

Manual Integrations
 APPROVED

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

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

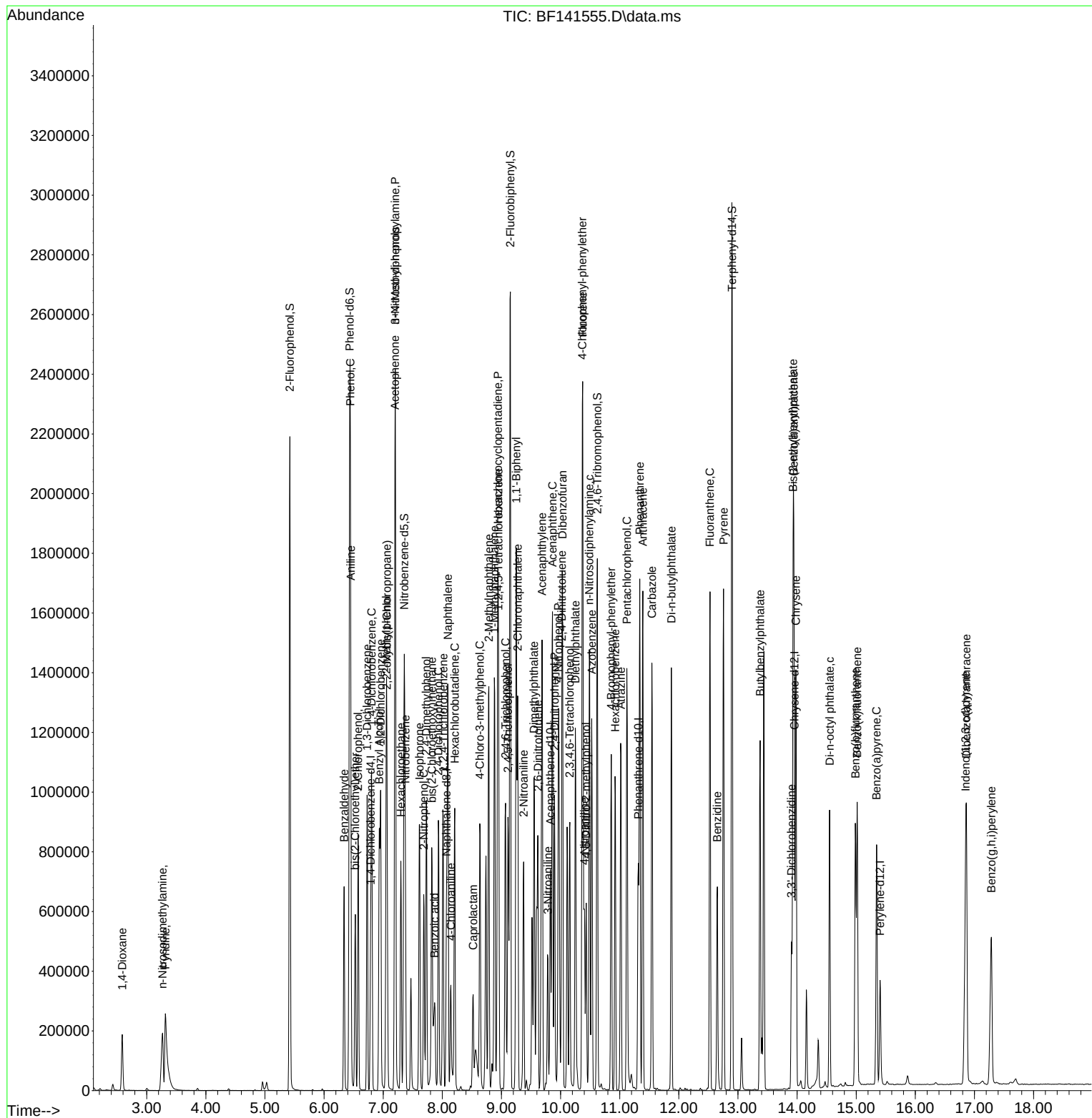
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	187190	41.925	ng	99
46) 1,1'-Biphenyl	9.251	154	798452	46.744	ng	100
47) 2-Chloronaphthalene	9.275	162	543735	43.047	ng	99
48) 2-Nitroaniline	9.375	65	183710	43.338	ng	98
49) Acenaphthylene	9.686	152	847399	45.105	ng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

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

Instrument :
BNA_F
ClientSampleId :
PB166641BS

Manual Integrations APPROVED

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



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

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025

Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 11 13:05:08 2025

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Feb 06 16:58:59 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	100463	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	407334	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	229450	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	402356	20.000	ng	0.00
76) Chrysene-d12	13.957	240	278936	20.000	ng	0.00
86) Perylene-d12	15.404	264	208701	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	821445	128.188	ng	0.01
7) Phenol-d6	6.434	99	1011374	124.871	ng	0.00
23) Nitrobenzene-d5	7.357	82	685715	87.804	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	298733	129.606	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1289102	86.557	ng	0.00
79) Terphenyl-d14	12.898	244	1540131	93.212	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	102326	39.675	ng	99
3) Pyridine	3.322	79	245704	40.034	ng	100
4) n-Nitrosodimethylamine	3.269	42	167177	41.138	ng	99
6) Aniline	6.451	93	290205	38.197	ng	88
8) 2-Chlorophenol	6.575	128	302453	43.680	ng	98
9) Benzaldehyde	6.340	77	177613	41.267	ng	100
10) Phenol	6.446	94	352597	41.827	ng	95
11) bis(2-Chloroethyl)ether	6.528	93	269427	42.552	ng	100
12) 1,3-Dichlorobenzene	6.728	146	308744	42.235	ng	98
13) 1,4-Dichlorobenzene	6.804	146	315260	42.210	ng	99
14) 1,2-Dichlorobenzene	6.957	146	301224	43.455	ng	99
15) Benzyl Alcohol	6.934	79	266752	42.948	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	458126	42.267	ng	77
17) 2-Methylphenol	7.051	107	238201	43.960	ng	98
18) Hexachloroethane	7.298	117	120574	43.621	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	210028	43.352	ng	99
20) 3+4-Methylphenols	7.204	107	301022	43.713	ng	99
22) Acetophenone	7.198	105	460937	45.490	ng	98
24) Nitrobenzene	7.375	77	315513	41.431	ng	100
25) Isophorone	7.610	82	569556	45.740	ng	99
26) 2-Nitrophenol	7.687	139	162437	42.873	ng	98
27) 2,4-Dimethylphenol	7.728	122	245419	55.448	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	346682	43.449	ng	100
29) 2,4-Dichlorophenol	7.934	162	255327	42.695	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	269993	41.459	ng	99
31) Naphthalene	8.092	128	863361	40.718	ng	100
32) Benzoic acid	7.875	122	196214	42.679	ng	98
33) 4-Chloroaniline	8.145	127	169079	22.840	ng	99
34) Hexachlorobutadiene	8.210	225	168186	43.019	ng	99
35) Caprolactam	8.522	113	88969m	48.862	ng	
36) 4-Chloro-3-methylphenol	8.634	107	284863	43.002	ng	100
37) 2-Methylnaphthalene	8.787	142	558396	40.470	ng	99
38) 1-Methylnaphthalene	8.881	142	547773	40.990	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	304990	45.944	ng	99
41) Hexachlorocyclopentadiene	8.934	237	334036	151.288	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	179321	41.796	ng	98

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

Instrument :
 BNA_F
 ClientSampleId :
 PB166641BSD

Manual Integrations
 APPROVED

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

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

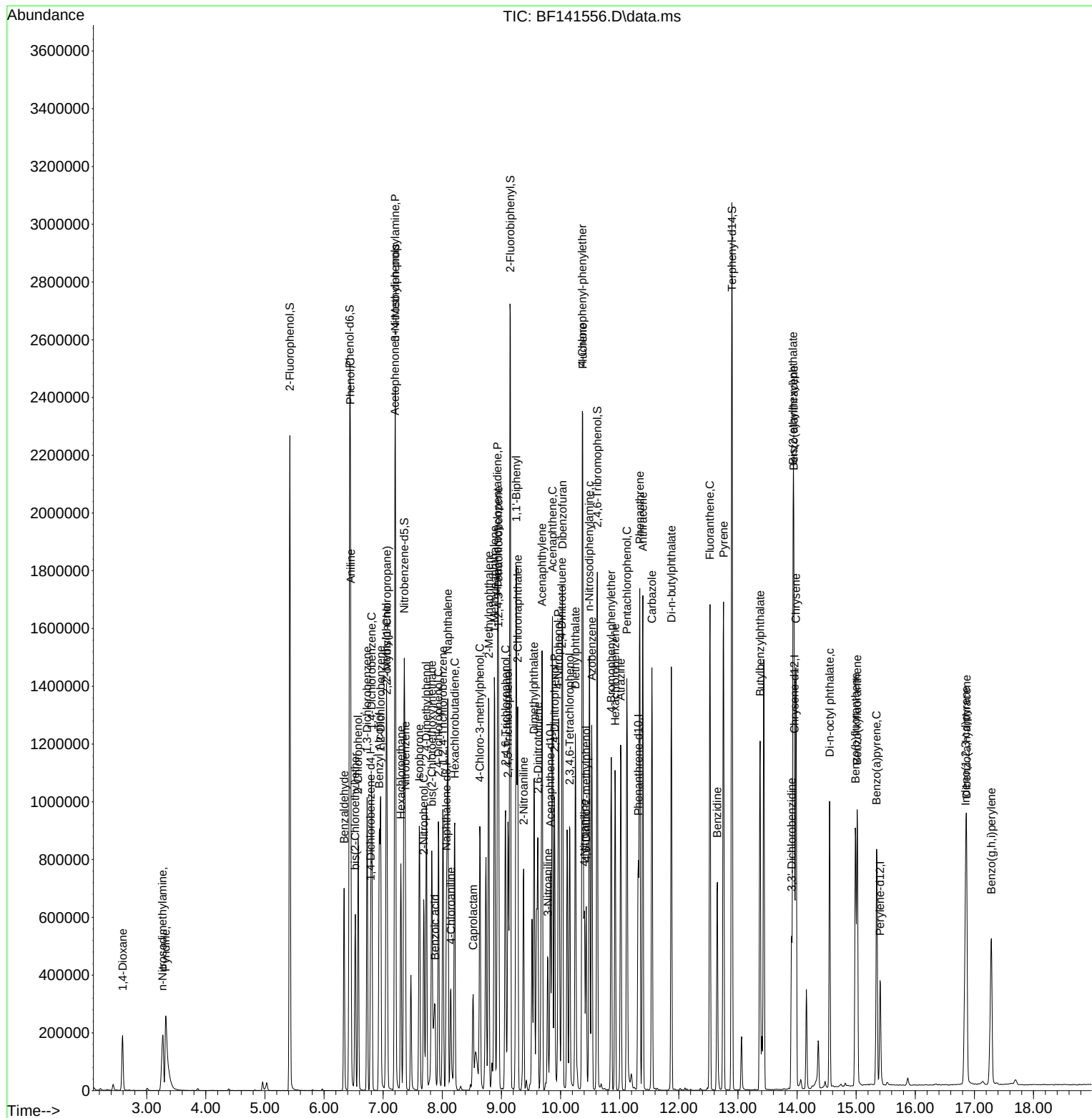
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	192991	41.505	ng	97
46) 1,1'-Biphenyl	9.251	154	806153	45.318	ng	99
47) 2-Chloronaphthalene	9.275	162	545427	41.464	ng	99
48) 2-Nitroaniline	9.375	65	185673	42.059	ng	97
49) Acenaphthylene	9.687	152	858311	43.868	ng	99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

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

Instrument :
BNA_F
ClientSampleId :
PB166641BSD

Manual Integrations APPROVED

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





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

Manual Integration Report

Sequence:	bf020625	Instrument	BNA_f
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF141474.D	Acenaphthene	Jagrut	2/7/2025 3:49:22 PM	mohammad	2/7/2025 10:09:12 PM	Peak Integrated by Software
SSTDICC020	BF141475.D	Acenaphthene	Jagrut	2/7/2025 3:49:24 PM	mohammad	2/7/2025 10:09:12 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

BF021125

Instrument

BNA_f

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

Manual Integration Report

Sequence:

bf021325

Instrument

BNA_f

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



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

Manual Integration Report

Sequence:

bf021425

Instrument

BNA_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QCBatch ID # BF020625

Review By	Jagrut	Review On	2/7/2025 3:49:55 PM
Supervise By	mohammad	Supervise On	2/7/2025 10:09:12 PM
SubDirectory	BF020625	HP Acquire Method	BNA_F
		HP Processing Method	bf020625
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12650,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

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

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF020625

Review By	Jagrut	Review On	2/7/2025 3:49:55 PM
Supervise By	mohammad	Supervise On	2/7/2025 10:09:12 PM
SubDirectory	BF020625	HP Acquire Method	BNA_F
		HP Processing Method	bf020625
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12650,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

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

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF021125

Review By	yogesh	Review On	2/12/2025 6:52:02 AM
Supervise By	mohammad	Supervise On	2/12/2025 7:26:53 AM
SubDirectory	BF021125	HP Acquire Method	BNA_F
		HP Processing Method	bf020625
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12651,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

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

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF021125

Review By	yogesh	Review On	2/12/2025 6:52:02 AM
Supervise By	mohammad	Supervise On	2/12/2025 7:26:53 AM
SubDirectory	BF021125	HP Acquire Method	BNA_F
		HP Processing Method	bf020625
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12651,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

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

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QCBatch ID # BF021325

Review By	yogesh	Review On	2/15/2025 4:25:45 AM
Supervise By	mohammad	Supervise On	2/15/2025 4:46:40 AM
SubDirectory	BF021325	HP Acquire Method	BNA_F
		HP Processing Method	bf020625
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12651,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

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

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF021325

Review By	yogesh	Review On	2/15/2025 4:25:45 AM		
Supervise By	mohammad	Supervise On	2/15/2025 4:46:40 AM		
SubDirectory	BF021325	HP Acquire Method	BNA_F	HP Processing Method	bf020625
STD. NAME		STD REF.#			
Tune/Reschk		SP6717			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12651,10ul/1000ul sample			
ICV/I.BLK		SP6686			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

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

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF021425

Review By	yogesh	Review On	2/15/2025 4:28:05 AM
Supervise By	Jagrut	Supervise On	2/19/2025 4:55:08 PM
SubDirectory	BF021425	HP Acquire Method	BNA_F
		HP Processing Method	bf020625
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12651,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

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

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF021425

Review By	yogesh	Review On	2/15/2025 4:28:05 AM		
Supervise By	Jagrut	Supervise On	2/19/2025 4:55:08 PM		
SubDirectory	BF021425	HP Acquire Method	BNA_F	HP Processing Method	bf020625
STD. NAME		STD REF.#			
Tune/Reschk		SP6717			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12651,10ul/1000ul sample			
ICV/I.BLK		SP6686			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

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

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF020625

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

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

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF020625

Review By	Jagrut	Review On	2/7/2025 3:49:55 PM		
Supervise By	mohammad	Supervise On	2/7/2025 10:09:12 PM		
SubDirectory	BF020625	HP Acquire Method	BNA_F	HP Processing Method	bf020625
STD. NAME	STD REF.#				
Tune/Reschk	SP6717				
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729				
CCC	SP6725				
Internal Standard/PEM	S12650,10ul/1000ul sample				
ICV/I.BLK	SP6686				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

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

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF021125

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

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

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF021125

Review By	yogesh	Review On	2/12/2025 6:52:02 AM		
Supervise By	mohammad	Supervise On	2/12/2025 7:26:53 AM		
SubDirectory	BF021125	HP Acquire Method	BNA_F	HP Processing Method	bf020625
STD. NAME	STD REF.#				
Tune/Reschk	SP6717				
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729				
CCC	SP6725				
Internal Standard/PEM	S12651,10ul/1000ul sample				
ICV/I.BLK	SP6686				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

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

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF021325

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

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

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF021325

Review By	yogesh	Review On	2/15/2025 4:25:45 AM		
Supervise By	mohammad	Supervise On	2/15/2025 4:46:40 AM		
SubDirectory	BF021325	HP Acquire Method	BNA_F	HP Processing Method	bf020625
STD. NAME		STD REF.#			
Tune/Reschk		SP6717			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12651,10ul/1000ul sample			
ICV/I.BLK		SP6686			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

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

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF021425

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

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

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF021425

Review By	yogesh	Review On	2/15/2025 4:28:05 AM		
Supervise By	Jagrut	Supervise On	2/19/2025 4:55:08 PM		
SubDirectory	BF021425	HP Acquire Method	BNA_F	HP Processing Method	bf020625
STD. NAME		STD REF.#			
Tune/Reschk		SP6717			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12651,10ul/1000ul sample			
ICV/I.BLK		SP6686			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

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

M : Manual Integration

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Extraction Start Date : 02/10/2025

Matrix : Water

Extraction Start Time : 08:35

Weigh By: N/A

Extraction By: RS

Extraction End Date : 02/10/2025

Balance check: N/A

Filter By: RS

Extraction End Time : 13:35

Balance ID: N/A

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: E3574

Hood ID: 4,6,7

Supervisor By : rajesh

Extraction Method: ☒ Separatory Funnel

☐ Continous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6720
Surrogate	1.0ML	100/150 PPM	SP6638
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3874
Baked Na2SO4	N/A	EP2585
10N NaoH	N/A	EP2559
H2SO4 1:1	N/A	EP2565
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210673. p H Adjusted<2 with 1:1 H2SO4 &>11 with 10N NaOH.

KD Bath ID: Water bath -01,02

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

Envap Temperature: 40 °C

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

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

Concentration Date: 02/10/2025

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

* Extracts relinquished on the same date as received.

2/10/25

Q1331
02/06/25

WORKLIST(Hardcopy Internal Chain)

Worklist Name : Q1231S

Worklist ID : 187601

Department : Extraction

Date : 02-10-2025 08:21:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1331-01	MMW1R	Water	SVOC-TCL BNA -20	Cool 4 deg C	GENV01	N41	02/06/2025	8270E

Date/Time 02/10/25 8:30
Raw Sample Received by: RS (Est 105)
Raw Sample Relinquished by: AS

Date/Time 02/10/25 8:45
Raw Sample Received by: AS
Raw Sample Relinquished by: RS (Est 105)

LAB CHRONICLE

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

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