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

Hit Summary Sheet
SW-846

SDG No.: Q3584

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : SW-1									
Q3584-01	SW-1	WATER	Bis(2-ethylhexyl)phthalate		2.800	J	1.6	5	ug/L
			Total Svoc :		**2.80**				
Q3584-01	SW-1	WATER	n-Hexadecanoic acid	*	3.800	J	0	0	ug/L
Q3584-01	SW-1	WATER	Benzophenone	*	4.100	J	0	0	ug/L
			Total Tics :		**7.90**				
			Total Concentration:		**10.70**				
Client ID : SW-2									
Q3584-02	SW-2	WATER	Benzophenone	*	5.900	J	0	0	ug/L
Q3584-02	SW-2	WATER	n-Hexadecanoic acid	*	2.200	J	0	0	ug/L
			Total Tics :		**8.10**				
			Total Concentration:		**8.10**				
Client ID : SEEP-1									
Q3584-07	SEEP-1	WATER	Phenol		5.200		0.92	5.1	ug/L
Q3584-07	SEEP-1	WATER	3+4-Methylphenols		23.400		1.1	10.1	ug/L
Q3584-07	SEEP-1	WATER	Bis(2-ethylhexyl)phthalate		3.000	J	1.6	5.1	ug/L
Q3584-07	SEEP-1	WATER	1,4-Dioxane		12.200		1	5.1	ug/L
			Total Svoc :		**43.80**				
Q3584-07	SEEP-1	WATER	3,5-di-tert-Butyl-4-hydroxyphenyl	*	14.200	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Diethyltoluamide	*	15.900	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Heptanoic acid	*	15.200	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Hydrocinnamic acid	*	17.300	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Ibuprofen	*	33.900	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Myristyl myristate	*	29.600	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	n-Hexadecanoic acid	*	13.600	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Pentadecafluorooctanoic acid, oct	*	23.300	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Benzeneacetic acid	*	9.000	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Benzenesulfonamide, N-butyl-	*	8.700	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Benzoic acid, 3,5-bis(1,1-dimethy	*	14.000	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Benzophenone	*	9.200	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Phenol, 3-ethyl-	*	10.900	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Tetradecanoic acid, hexadecyl este	*	48.400	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Aniline	*	4.200	J	1.5	5.1	ug/L
Q3584-07	SEEP-1	WATER	Benzoic acid	*	13.800	J	4.2	10.1	ug/L
			Total Tics :		**281.20**				
			Total Concentration:		**325.00**				

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q3584

Client: Remington & Vernick Engineers

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units

SAMPLE DATA

Raw Data: **BP026097.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	11/11/25 19:36	PB170473
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/11/25 19:36	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/11/25 19:36	PB170473
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/11/25 19:36	PB170473
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/11/25 19:36	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/11/25 19:36	PB170473
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/11/25 19:36	PB170473
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/11/25 19:36	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/11/25 19:36	PB170473
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/11/25 19:36	PB170473
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/11/25 19:36	PB170473
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/11/25 19:36	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/11/25 19:36	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/11/25 19:36	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/11/25 19:36	PB170473
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/11/25 19:36	PB170473
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/11/25 19:36	PB170473
106-47-8	4-Chloroaniline	0.84	UQ	1	0.84	5.00	ug/L	11/11/25 19:36	PB170473
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/11/25 19:36	PB170473
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/11/25 19:36	PB170473
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/11/25 19:36	PB170473
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/11/25 19:36	PB170473
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/11/25 19:36	PB170473
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/11/25 19:36	PB170473
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/11/25 19:36	PB170473
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/11/25 19:36	PB170473
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/11/25 19:36	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/11/25 19:36	PB170473
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/11/25 19:36	PB170473
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/11/25 19:36	PB170473
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/11/25 19:36	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.00	ug/L	11/11/25 19:36	PB170473
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/11/25 19:36	PB170473
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/11/25 19:36	PB170473
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/11/25 19:36	PB170473
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/11/25 19:36	PB170473
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/11/25 19:36	PB170473
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/11/25 19:36	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/11/25 19:36	PB170473
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/11/25 19:36	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/11/25 19:36	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/11/25 19:36	PB170473

Raw Data: **BP026097.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/11/25 19:36	PB170473
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/11/25 19:36	PB170473
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/11/25 19:36	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/11/25 19:36	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/11/25 19:36	PB170473
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/11/25 19:36	PB170473
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/11/25 19:36	PB170473
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/11/25 19:36	PB170473
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/11/25 19:36	PB170473
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/11/25 19:36	PB170473
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/11/25 19:36	PB170473
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/11/25 19:36	PB170473
91-94-1	3,3-Dichlorobenzidine	0.93	UQ	1	0.93	10.0	ug/L	11/11/25 19:36	PB170473
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/11/25 19:36	PB170473
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/11/25 19:36	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	2.80	J	1	1.60	5.00	ug/L	11/11/25 19:36	PB170473
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/11/25 19:36	PB170473
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/11/25 19:36	PB170473
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/11/25 19:36	PB170473
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/11/25 19:36	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/11/25 19:36	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/11/25 19:36	PB170473
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/11/25 19:36	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/11/25 19:36	PB170473
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/11/25 19:36	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/11/25 19:36	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	58.9			15 (10) - 110 (134)	39%	SPK: 150		
13127-88-3	Phenol-d6	36.5			15 (10) - 110 (135)	24%	SPK: 150		
4165-60-0	Nitrobenzene-d5	86.3			30 (39) - 130 (138)	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	77.8			30 (52) - 130 (132)	78%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	148			15 (44) - 110 (137)	98%	SPK: 150		
1718-51-0	Terphenyl-d14	81.0			30 (42) - 130 (152)	81%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	318000							
1146-65-2	Naphthalene-d8	1230000							
15067-26-2	Acenaphthene-d10	745000							
1517-22-2	Phenanthrene-d10	1500000							
1719-03-5	Chrysene-d12	1660000							
1520-96-3	Perylene-d12	1970000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	4.10	J			15.7	ug/L		
000057-10-3	n-Hexadecanoic acid	3.80	J			18.1	ug/L		

Raw Data: **BP026097.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SW-1			SDG No.:	Q3584
Lab Sample ID:	Q3584-01			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Raw Data: **BF144203.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-02	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	11/11/25 15:09	PB170473
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/11/25 15:09	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/11/25 15:09	PB170473
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/11/25 15:09	PB170473
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/11/25 15:09	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/11/25 15:09	PB170473
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/11/25 15:09	PB170473
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/11/25 15:09	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/11/25 15:09	PB170473
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/11/25 15:09	PB170473
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/11/25 15:09	PB170473
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/11/25 15:09	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/11/25 15:09	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/11/25 15:09	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/11/25 15:09	PB170473
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/11/25 15:09	PB170473
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/11/25 15:09	PB170473
106-47-8	4-Chloroaniline	0.84	UQ	1	0.84	5.00	ug/L	11/11/25 15:09	PB170473
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/11/25 15:09	PB170473
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/11/25 15:09	PB170473
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/11/25 15:09	PB170473
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/11/25 15:09	PB170473
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/11/25 15:09	PB170473
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/11/25 15:09	PB170473
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/11/25 15:09	PB170473
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/11/25 15:09	PB170473
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/11/25 15:09	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/11/25 15:09	PB170473
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/11/25 15:09	PB170473
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/11/25 15:09	PB170473
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/11/25 15:09	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.00	ug/L	11/11/25 15:09	PB170473
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/11/25 15:09	PB170473
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/11/25 15:09	PB170473
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/11/25 15:09	PB170473
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/11/25 15:09	PB170473
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/11/25 15:09	PB170473
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/11/25 15:09	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/11/25 15:09	PB170473
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/11/25 15:09	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/11/25 15:09	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/11/25 15:09	PB170473

Raw Data: **BF144203.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-02	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/11/25 15:09	PB170473
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/11/25 15:09	PB170473
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/11/25 15:09	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/11/25 15:09	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/11/25 15:09	PB170473
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/11/25 15:09	PB170473
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/11/25 15:09	PB170473
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/11/25 15:09	PB170473
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/11/25 15:09	PB170473
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/11/25 15:09	PB170473
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/11/25 15:09	PB170473
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/11/25 15:09	PB170473
91-94-1	3,3-Dichlorobenzidine	0.93	UQ	1	0.93	10.0	ug/L	11/11/25 15:09	PB170473
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/11/25 15:09	PB170473
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/11/25 15:09	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/11/25 15:09	PB170473
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/11/25 15:09	PB170473
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/11/25 15:09	PB170473
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/11/25 15:09	PB170473
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/11/25 15:09	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/11/25 15:09	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/11/25 15:09	PB170473
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/11/25 15:09	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/11/25 15:09	PB170473
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/11/25 15:09	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/11/25 15:09	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	69.3			15 (10) - 110 (134)	46%	SPK: 150		
13127-88-3	Phenol-d6	55.0			15 (10) - 110 (135)	37%	SPK: 150		
4165-60-0	Nitrobenzene-d5	86.7			30 (39) - 130 (138)	87%	SPK: 100		
321-60-8	2-Fluorobiphenyl	84.6			30 (52) - 130 (132)	85%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	120			15 (44) - 110 (137)	80%	SPK: 150		
1718-51-0	Terphenyl-d14	66.8			30 (42) - 130 (152)	67%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	59300							
1146-65-2	Naphthalene-d8	231000							
15067-26-2	Acenaphthene-d10	120000							
1517-22-2	Phenanthrene-d10	200000							
1719-03-5	Chrysene-d12	163000							
1520-96-3	Perylene-d12	207000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	5.90	J			10.6	ug/L		
000057-10-3	n-Hexadecanoic acid	2.20	J			11.9	ug/L		

Raw Data: **BF144203.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SW-2			SDG No.:	Q3584
Lab Sample ID:	Q3584-02			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Raw Data: **BF144204.D**

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

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-03	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	990 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.1	ug/L	11/11/25 15:38	PB170473
108-95-2	Phenol	0.92	U	1	0.92	5.10	ug/L	11/11/25 15:38	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.82	U	1	0.82	5.10	ug/L	11/11/25 15:38	PB170473
95-57-8	2-Chlorophenol	0.59	U	1	0.59	5.10	ug/L	11/11/25 15:38	PB170473
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.10	ug/L	11/11/25 15:38	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.10	ug/L	11/11/25 15:38	PB170473
98-86-2	Acetophenone	0.75	U	1	0.75	5.10	ug/L	11/11/25 15:38	PB170473
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.1	ug/L	11/11/25 15:38	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/11/25 15:38	PB170473
67-72-1	Hexachloroethane	0.66	U	1	0.66	5.10	ug/L	11/11/25 15:38	PB170473
98-95-3	Nitrobenzene	0.77	U	1	0.77	5.10	ug/L	11/11/25 15:38	PB170473
78-59-1	Isophorone	0.76	U	1	0.76	5.10	ug/L	11/11/25 15:38	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.10	ug/L	11/11/25 15:38	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.10	ug/L	11/11/25 15:38	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	1	0.69	5.10	ug/L	11/11/25 15:38	PB170473
120-83-2	2,4-Dichlorophenol	0.53	U	1	0.53	5.10	ug/L	11/11/25 15:38	PB170473
91-20-3	Naphthalene	0.51	U	1	0.51	5.10	ug/L	11/11/25 15:38	PB170473
106-47-8	4-Chloroaniline	0.85	UQ	1	0.85	5.10	ug/L	11/11/25 15:38	PB170473
87-68-3	Hexachlorobutadiene	0.55	U	1	0.55	5.10	ug/L	11/11/25 15:38	PB170473
105-60-2	Caprolactam	1.10	U	1	1.10	10.1	ug/L	11/11/25 15:38	PB170473
59-50-7	4-Chloro-3-methylphenol	0.60	U	1	0.60	5.10	ug/L	11/11/25 15:38	PB170473
91-57-6	2-Methylnaphthalene	0.57	U	1	0.57	5.10	ug/L	11/11/25 15:38	PB170473
77-47-4	Hexachlorocyclopentadiene	3.70	U	1	3.70	10.1	ug/L	11/11/25 15:38	PB170473
88-06-2	2,4,6-Trichlorophenol	0.52	U	1	0.52	5.10	ug/L	11/11/25 15:38	PB170473
95-95-4	2,4,5-Trichlorophenol	0.63	U	1	0.63	5.10	ug/L	11/11/25 15:38	PB170473
92-52-4	1,1-Biphenyl	0.54	U	1	0.54	5.10	ug/L	11/11/25 15:38	PB170473
91-58-7	2-Chloronaphthalene	0.62	U	1	0.62	5.10	ug/L	11/11/25 15:38	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.10	ug/L	11/11/25 15:38	PB170473
131-11-3	Dimethylphthalate	0.62	U	1	0.62	5.10	ug/L	11/11/25 15:38	PB170473
208-96-8	Acenaphthylene	0.76	U	1	0.76	5.10	ug/L	11/11/25 15:38	PB170473
606-20-2	2,6-Dinitrotoluene	0.93	U	1	0.93	5.10	ug/L	11/11/25 15:38	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.10	ug/L	11/11/25 15:38	PB170473
83-32-9	Acenaphthene	0.56	U	1	0.56	5.10	ug/L	11/11/25 15:38	PB170473
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.1	ug/L	11/11/25 15:38	PB170473
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.1	ug/L	11/11/25 15:38	PB170473
132-64-9	Dibenzofuran	0.62	U	1	0.62	5.10	ug/L	11/11/25 15:38	PB170473
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.10	ug/L	11/11/25 15:38	PB170473
84-66-2	Diethylphthalate	0.70	U	1	0.70	5.10	ug/L	11/11/25 15:38	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	1	0.69	5.10	ug/L	11/11/25 15:38	PB170473
86-73-7	Fluorene	0.64	U	1	0.64	5.10	ug/L	11/11/25 15:38	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.10	ug/L	11/11/25 15:38	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.1	ug/L	11/11/25 15:38	PB170473

Raw Data: **BF144204.D**

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

Client:	Remington & Vernick Engineers			Date Collected:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SW-3			SDG No.:	Q3584
Lab Sample ID:	Q3584-03			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	990 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.59	U	1	0.59	5.10	ug/L	11/11/25 15:38	PB170473
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.10	ug/L	11/11/25 15:38	PB170473
118-74-1	Hexachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/11/25 15:38	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.10	ug/L	11/11/25 15:38	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.1	ug/L	11/11/25 15:38	PB170473
85-01-8	Phenanthrene	0.51	U	1	0.51	5.10	ug/L	11/11/25 15:38	PB170473
120-12-7	Anthracene	0.62	U	1	0.62	5.10	ug/L	11/11/25 15:38	PB170473
86-74-8	Carbazole	0.73	U	1	0.73	5.10	ug/L	11/11/25 15:38	PB170473
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.10	ug/L	11/11/25 15:38	PB170473
206-44-0	Fluoranthene	0.83	U	1	0.83	5.10	ug/L	11/11/25 15:38	PB170473
129-00-0	Pyrene	0.51	U	1	0.51	5.10	ug/L	11/11/25 15:38	PB170473
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.10	ug/L	11/11/25 15:38	PB170473
91-94-1	3,3-Dichlorobenzidine	0.94	UQ	1	0.94	10.1	ug/L	11/11/25 15:38	PB170473
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.10	ug/L	11/11/25 15:38	PB170473
218-01-9	Chrysene	0.44	U	1	0.44	5.10	ug/L	11/11/25 15:38	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.10	ug/L	11/11/25 15:38	PB170473
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.1	ug/L	11/11/25 15:38	PB170473
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.10	ug/L	11/11/25 15:38	PB170473
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.10	ug/L	11/11/25 15:38	PB170473
50-32-8	Benzo(a)pyrene	0.56	U	1	0.56	5.10	ug/L	11/11/25 15:38	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	1	0.60	5.10	ug/L	11/11/25 15:38	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.68	U	1	0.68	5.10	ug/L	11/11/25 15:38	PB170473
191-24-2	Benzo(g,h,i)perylene	0.70	U	1	0.70	5.10	ug/L	11/11/25 15:38	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/11/25 15:38	PB170473
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.10	ug/L	11/11/25 15:38	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.73	U	1	0.73	5.10	ug/L	11/11/25 15:38	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	69.2			15 (10) - 110 (134)	46%	SPK: 150		
13127-88-3	Phenol-d6	53.8			15 (10) - 110 (135)	36%	SPK: 150		
4165-60-0	Nitrobenzene-d5	87.3			30 (39) - 130 (138)	87%	SPK: 100		
321-60-8	2-Fluorobiphenyl	84.1			30 (52) - 130 (132)	84%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	119			15 (44) - 110 (137)	79%	SPK: 150		
1718-51-0	Terphenyl-d14	60.4			30 (42) - 130 (152)	60%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	54300							
1146-65-2	Naphthalene-d8	195000							
15067-26-2	Acenaphthene-d10	103000							
1517-22-2	Phenanthrene-d10	166000							
1719-03-5	Chrysene-d12	186000							
1520-96-3	Perylene-d12	228000							

Raw Data: **BF144204.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SW-3			SDG No.:	Q3584
Lab Sample ID:	Q3584-03			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	990 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Raw Data: **BF144205.D**

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

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	EB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-04	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	970 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.00	U	1	4.00	10.3	ug/L	11/11/25 16:07	PB170473
108-95-2	Phenol	0.94	U	1	0.94	5.20	ug/L	11/11/25 16:07	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.84	U	1	0.84	5.20	ug/L	11/11/25 16:07	PB170473
95-57-8	2-Chlorophenol	0.60	U	1	0.60	5.20	ug/L	11/11/25 16:07	PB170473
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.20	ug/L	11/11/25 16:07	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.20	ug/L	11/11/25 16:07	PB170473
98-86-2	Acetophenone	0.76	U	1	0.76	5.20	ug/L	11/11/25 16:07	PB170473
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.3	ug/L	11/11/25 16:07	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.60	ug/L	11/11/25 16:07	PB170473
67-72-1	Hexachloroethane	0.67	U	1	0.67	5.20	ug/L	11/11/25 16:07	PB170473
98-95-3	Nitrobenzene	0.78	U	1	0.78	5.20	ug/L	11/11/25 16:07	PB170473
78-59-1	Isophorone	0.77	U	1	0.77	5.20	ug/L	11/11/25 16:07	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.20	ug/L	11/11/25 16:07	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.20	ug/L	11/11/25 16:07	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.70	U	1	0.70	5.20	ug/L	11/11/25 16:07	PB170473
120-83-2	2,4-Dichlorophenol	0.54	U	1	0.54	5.20	ug/L	11/11/25 16:07	PB170473
91-20-3	Naphthalene	0.52	U	1	0.52	5.20	ug/L	11/11/25 16:07	PB170473
106-47-8	4-Chloroaniline	0.87	UQ	1	0.87	5.20	ug/L	11/11/25 16:07	PB170473
87-68-3	Hexachlorobutadiene	0.56	U	1	0.56	5.20	ug/L	11/11/25 16:07	PB170473
105-60-2	Caprolactam	1.20	U	1	1.20	10.3	ug/L	11/11/25 16:07	PB170473
59-50-7	4-Chloro-3-methylphenol	0.61	U	1	0.61	5.20	ug/L	11/11/25 16:07	PB170473
91-57-6	2-Methylnaphthalene	0.58	U	1	0.58	5.20	ug/L	11/11/25 16:07	PB170473
77-47-4	Hexachlorocyclopentadiene	3.70	U	1	3.70	10.3	ug/L	11/11/25 16:07	PB170473
88-06-2	2,4,6-Trichlorophenol	0.53	U	1	0.53	5.20	ug/L	11/11/25 16:07	PB170473
95-95-4	2,4,5-Trichlorophenol	0.64	U	1	0.64	5.20	ug/L	11/11/25 16:07	PB170473
92-52-4	1,1-Biphenyl	0.55	U	1	0.55	5.20	ug/L	11/11/25 16:07	PB170473
91-58-7	2-Chloronaphthalene	0.63	U	1	0.63	5.20	ug/L	11/11/25 16:07	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.20	ug/L	11/11/25 16:07	PB170473
131-11-3	Dimethylphthalate	0.63	U	1	0.63	5.20	ug/L	11/11/25 16:07	PB170473
208-96-8	Acenaphthylene	0.77	U	1	0.77	5.20	ug/L	11/11/25 16:07	PB170473
606-20-2	2,6-Dinitrotoluene	0.95	U	1	0.95	5.20	ug/L	11/11/25 16:07	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.20	ug/L	11/11/25 16:07	PB170473
83-32-9	Acenaphthene	0.57	U	1	0.57	5.20	ug/L	11/11/25 16:07	PB170473
51-28-5	2,4-Dinitrophenol	6.20	U	1	6.20	10.3	ug/L	11/11/25 16:07	PB170473
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.3	ug/L	11/11/25 16:07	PB170473
132-64-9	Dibenzofuran	0.63	U	1	0.63	5.20	ug/L	11/11/25 16:07	PB170473
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.20	ug/L	11/11/25 16:07	PB170473
84-66-2	Diethylphthalate	0.71	U	1	0.71	5.20	ug/L	11/11/25 16:07	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.70	U	1	0.70	5.20	ug/L	11/11/25 16:07	PB170473
86-73-7	Fluorene	0.65	U	1	0.65	5.20	ug/L	11/11/25 16:07	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.20	ug/L	11/11/25 16:07	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	1	3.00	10.3	ug/L	11/11/25 16:07	PB170473

Raw Data: **BF144205.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	EB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-04	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	970 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.60	U	1	0.60	5.20	ug/L	11/11/25 16:07	PB170473
101-55-3	4-Bromophenyl-phenylether	0.41	U	1	0.41	5.20	ug/L	11/11/25 16:07	PB170473
118-74-1	Hexachlorobenzene	0.54	U	1	0.54	5.20	ug/L	11/11/25 16:07	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.20	ug/L	11/11/25 16:07	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.3	ug/L	11/11/25 16:07	PB170473
85-01-8	Phenanthrene	0.52	U	1	0.52	5.20	ug/L	11/11/25 16:07	PB170473
120-12-7	Anthracene	0.63	U	1	0.63	5.20	ug/L	11/11/25 16:07	PB170473
86-74-8	Carbazole	0.74	U	1	0.74	5.20	ug/L	11/11/25 16:07	PB170473
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.20	ug/L	11/11/25 16:07	PB170473
206-44-0	Fluoranthene	0.85	U	1	0.85	5.20	ug/L	11/11/25 16:07	PB170473
129-00-0	Pyrene	0.52	U	1	0.52	5.20	ug/L	11/11/25 16:07	PB170473
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.20	ug/L	11/11/25 16:07	PB170473
91-94-1	3,3-Dichlorobenzidine	0.96	UQ	1	0.96	10.3	ug/L	11/11/25 16:07	PB170473
56-55-3	Benzo(a)anthracene	0.46	U	1	0.46	5.20	ug/L	11/11/25 16:07	PB170473
218-01-9	Chrysene	0.45	U	1	0.45	5.20	ug/L	11/11/25 16:07	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.20	ug/L	11/11/25 16:07	PB170473
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.3	ug/L	11/11/25 16:07	PB170473
205-99-2	Benzo(b)fluoranthene	0.51	U	1	0.51	5.20	ug/L	11/11/25 16:07	PB170473
207-08-9	Benzo(k)fluoranthene	0.49	U	1	0.49	5.20	ug/L	11/11/25 16:07	PB170473
50-32-8	Benzo(a)pyrene	0.57	U	1	0.57	5.20	ug/L	11/11/25 16:07	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	1	0.61	5.20	ug/L	11/11/25 16:07	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.69	U	1	0.69	5.20	ug/L	11/11/25 16:07	PB170473
191-24-2	Benzo(g,h,i)perylene	0.71	U	1	0.71	5.20	ug/L	11/11/25 16:07	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.54	U	1	0.54	5.20	ug/L	11/11/25 16:07	PB170473
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.20	ug/L	11/11/25 16:07	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.74	U	1	0.74	5.20	ug/L	11/11/25 16:07	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	61.6			15 (10) - 110 (134)	41%	SPK: 150		
13127-88-3	Phenol-d6	38.6			15 (10) - 110 (135)	26%	SPK: 150		
4165-60-0	Nitrobenzene-d5	86.8			30 (39) - 130 (138)	87%	SPK: 100		
321-60-8	2-Fluorobiphenyl	83.2			30 (52) - 130 (132)	83%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	118			15 (44) - 110 (137)	78%	SPK: 150		
1718-51-0	Terphenyl-d14	68.2			30 (42) - 130 (152)	68%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	58300							
1146-65-2	Naphthalene-d8	217000							
15067-26-2	Acenaphthene-d10	115000							
1517-22-2	Phenanthrene-d10	187000							
1719-03-5	Chrysene-d12	166000							
1520-96-3	Perylene-d12	209000							

Raw Data: **BF144205.D**

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

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	EB-2			SDG No.:	Q3584
Lab Sample ID:	Q3584-04			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	970 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Raw Data: **BF144202.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	FB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-05	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	700 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	5.60	U	1	5.60	14.3	ug/L	11/11/25 14:39	PB170473
108-95-2	Phenol	1.30	U	1	1.30	7.10	ug/L	11/11/25 14:39	PB170473
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1	1.20	7.10	ug/L	11/11/25 14:39	PB170473
95-57-8	2-Chlorophenol	0.83	U	1	0.83	7.10	ug/L	11/11/25 14:39	PB170473
95-48-7	2-Methylphenol	1.60	U	1	1.60	7.10	ug/L	11/11/25 14:39	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.80	U	1	1.80	7.10	ug/L	11/11/25 14:39	PB170473
98-86-2	Acetophenone	1.10	U	1	1.10	7.10	ug/L	11/11/25 14:39	PB170473
65794-96-9	3+4-Methylphenols	1.60	U	1	1.60	14.3	ug/L	11/11/25 14:39	PB170473
621-64-7	n-Nitroso-di-n-propylamine	2.00	U	1	2.00	3.60	ug/L	11/11/25 14:39	PB170473
67-72-1	Hexachloroethane	0.93	U	1	0.93	7.10	ug/L	11/11/25 14:39	PB170473
98-95-3	Nitrobenzene	1.10	U	1	1.10	7.10	ug/L	11/11/25 14:39	PB170473
78-59-1	Isophorone	1.10	U	1	1.10	7.10	ug/L	11/11/25 14:39	PB170473
88-75-5	2-Nitrophenol	2.50	U	1	2.50	7.10	ug/L	11/11/25 14:39	PB170473
105-67-9	2,4-Dimethylphenol	2.60	U	1	2.60	7.10	ug/L	11/11/25 14:39	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.97	U	1	0.97	7.10	ug/L	11/11/25 14:39	PB170473
120-83-2	2,4-Dichlorophenol	0.74	U	1	0.74	7.10	ug/L	11/11/25 14:39	PB170473
91-20-3	Naphthalene	0.71	U	1	0.71	7.10	ug/L	11/11/25 14:39	PB170473
106-47-8	4-Chloroaniline	1.20	UQ	1	1.20	7.10	ug/L	11/11/25 14:39	PB170473
87-68-3	Hexachlorobutadiene	0.77	U	1	0.77	7.10	ug/L	11/11/25 14:39	PB170473
105-60-2	Caprolactam	1.60	U	1	1.60	14.3	ug/L	11/11/25 14:39	PB170473
59-50-7	4-Chloro-3-methylphenol	0.84	U	1	0.84	7.10	ug/L	11/11/25 14:39	PB170473
91-57-6	2-Methylnaphthalene	0.80	U	1	0.80	7.10	ug/L	11/11/25 14:39	PB170473
77-47-4	Hexachlorocyclopentadiene	5.20	U	1	5.20	14.3	ug/L	11/11/25 14:39	PB170473
88-06-2	2,4,6-Trichlorophenol	0.73	U	1	0.73	7.10	ug/L	11/11/25 14:39	PB170473
95-95-4	2,4,5-Trichlorophenol	0.89	U	1	0.89	7.10	ug/L	11/11/25 14:39	PB170473
92-52-4	1,1-Biphenyl	0.76	U	1	0.76	7.10	ug/L	11/11/25 14:39	PB170473
91-58-7	2-Chloronaphthalene	0.87	U	1	0.87	7.10	ug/L	11/11/25 14:39	PB170473
88-74-4	2-Nitroaniline	1.80	U	1	1.80	7.10	ug/L	11/11/25 14:39	PB170473
131-11-3	Dimethylphthalate	0.87	U	1	0.87	7.10	ug/L	11/11/25 14:39	PB170473
208-96-8	Acenaphthylene	1.10	U	1	1.10	7.10	ug/L	11/11/25 14:39	PB170473
606-20-2	2,6-Dinitrotoluene	1.30	U	1	1.30	7.10	ug/L	11/11/25 14:39	PB170473
99-09-2	3-Nitroaniline	1.50	UQ	1	1.50	7.10	ug/L	11/11/25 14:39	PB170473
83-32-9	Acenaphthene	0.79	U	1	0.79	7.10	ug/L	11/11/25 14:39	PB170473
51-28-5	2,4-Dinitrophenol	8.50	U	1	8.50	14.3	ug/L	11/11/25 14:39	PB170473
100-02-7	4-Nitrophenol	3.40	U	1	3.40	14.3	ug/L	11/11/25 14:39	PB170473
132-64-9	Dibenzofuran	0.87	U	1	0.87	7.10	ug/L	11/11/25 14:39	PB170473
121-14-2	2,4-Dinitrotoluene	1.70	U	1	1.70	7.10	ug/L	11/11/25 14:39	PB170473
84-66-2	Diethylphthalate	0.99	U	1	0.99	7.10	ug/L	11/11/25 14:39	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.97	U	1	0.97	7.10	ug/L	11/11/25 14:39	PB170473
86-73-7	Fluorene	0.90	U	1	0.90	7.10	ug/L	11/11/25 14:39	PB170473
100-01-6	4-Nitroaniline	2.10	U	1	2.10	7.10	ug/L	11/11/25 14:39	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	4.10	U	1	4.10	14.3	ug/L	11/11/25 14:39	PB170473

Raw Data: **BF144202.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	FB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-05	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	700 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.83	U	1	0.83	7.10	ug/L	11/11/25 14:39	PB170473
101-55-3	4-Bromophenyl-phenylether	0.57	U	1	0.57	7.10	ug/L	11/11/25 14:39	PB170473
118-74-1	Hexachlorobenzene	0.74	U	1	0.74	7.10	ug/L	11/11/25 14:39	PB170473
1912-24-9	Atrazine	1.40	U	1	1.40	7.10	ug/L	11/11/25 14:39	PB170473
87-86-5	Pentachlorophenol	2.30	U	1	2.30	14.3	ug/L	11/11/25 14:39	PB170473
85-01-8	Phenanthrene	0.71	U	1	0.71	7.10	ug/L	11/11/25 14:39	PB170473
120-12-7	Anthracene	0.87	U	1	0.87	7.10	ug/L	11/11/25 14:39	PB170473
86-74-8	Carbazole	1.00	U	1	1.00	7.10	ug/L	11/11/25 14:39	PB170473
84-74-2	Di-n-butylphthalate	1.70	U	1	1.70	7.10	ug/L	11/11/25 14:39	PB170473
206-44-0	Fluoranthene	1.20	U	1	1.20	7.10	ug/L	11/11/25 14:39	PB170473
129-00-0	Pyrene	0.71	U	1	0.71	7.10	ug/L	11/11/25 14:39	PB170473
85-68-7	Butylbenzylphthalate	2.80	U	1	2.80	7.10	ug/L	11/11/25 14:39	PB170473
91-94-1	3,3-Dichlorobenzidine	1.30	UQ	1	1.30	14.3	ug/L	11/11/25 14:39	PB170473
56-55-3	Benzo(a)anthracene	0.64	U	1	0.64	7.10	ug/L	11/11/25 14:39	PB170473
218-01-9	Chrysene	0.63	U	1	0.63	7.10	ug/L	11/11/25 14:39	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	2.30	U	1	2.30	7.10	ug/L	11/11/25 14:39	PB170473
117-84-0	Di-n-octyl phthalate	3.30	U	1	3.30	14.3	ug/L	11/11/25 14:39	PB170473
205-99-2	Benzo(b)fluoranthene	0.70	U	1	0.70	7.10	ug/L	11/11/25 14:39	PB170473
207-08-9	Benzo(k)fluoranthene	0.69	U	1	0.69	7.10	ug/L	11/11/25 14:39	PB170473
50-32-8	Benzo(a)pyrene	0.79	U	1	0.79	7.10	ug/L	11/11/25 14:39	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.84	U	1	0.84	7.10	ug/L	11/11/25 14:39	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.96	U	1	0.96	7.10	ug/L	11/11/25 14:39	PB170473
191-24-2	Benzo(g,h,i)perylene	0.99	U	1	0.99	7.10	ug/L	11/11/25 14:39	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.74	U	1	0.74	7.10	ug/L	11/11/25 14:39	PB170473
123-91-1	1,4-Dioxane	1.40	U	1	1.40	7.10	ug/L	11/11/25 14:39	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	1.00	U	1	1.00	7.10	ug/L	11/11/25 14:39	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	74.1			15 (10) - 110 (134)	49%	SPK: 150		
13127-88-3	Phenol-d6	50.5			15 (10) - 110 (135)	34%	SPK: 150		
4165-60-0	Nitrobenzene-d5	89.5			30 (39) - 130 (138)	89%	SPK: 100		
321-60-8	2-Fluorobiphenyl	85.1			30 (52) - 130 (132)	85%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	124			15 (44) - 110 (137)	83%	SPK: 150		
1718-51-0	Terphenyl-d14	73.2			30 (42) - 130 (152)	73%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	61800							
1146-65-2	Naphthalene-d8	240000							
15067-26-2	Acenaphthene-d10	129000							
1517-22-2	Phenanthrene-d10	213000							
1719-03-5	Chrysene-d12	169000							
1520-96-3	Perylene-d12	215000							

Raw Data: **BF144202.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	FB-2			SDG No.:	Q3584
Lab Sample ID:	Q3584-05			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	700 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Raw Data: **BP026099.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SEEP-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-07	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	990 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.1	ug/L	11/11/25 20:59	PB170473
108-95-2	Phenol	5.20		1	0.92	5.10	ug/L	11/11/25 20:59	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.82	U	1	0.82	5.10	ug/L	11/11/25 20:59	PB170473
95-57-8	2-Chlorophenol	0.59	U	1	0.59	5.10	ug/L	11/11/25 20:59	PB170473
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.10	ug/L	11/11/25 20:59	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.10	ug/L	11/11/25 20:59	PB170473
98-86-2	Acetophenone	0.75	U	1	0.75	5.10	ug/L	11/11/25 20:59	PB170473
65794-96-9	3+4-Methylphenols	23.4		1	1.10	10.1	ug/L	11/11/25 20:59	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/11/25 20:59	PB170473
67-72-1	Hexachloroethane	0.66	U	1	0.66	5.10	ug/L	11/11/25 20:59	PB170473
98-95-3	Nitrobenzene	0.77	U	1	0.77	5.10	ug/L	11/11/25 20:59	PB170473
78-59-1	Isophorone	0.76	U	1	0.76	5.10	ug/L	11/11/25 20:59	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.10	ug/L	11/11/25 20:59	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.10	ug/L	11/11/25 20:59	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	1	0.69	5.10	ug/L	11/11/25 20:59	PB170473
120-83-2	2,4-Dichlorophenol	0.53	U	1	0.53	5.10	ug/L	11/11/25 20:59	PB170473
91-20-3	Naphthalene	0.51	U	1	0.51	5.10	ug/L	11/11/25 20:59	PB170473
106-47-8	4-Chloroaniline	0.85	UQ	1	0.85	5.10	ug/L	11/11/25 20:59	PB170473
87-68-3	Hexachlorobutadiene	0.55	U	1	0.55	5.10	ug/L	11/11/25 20:59	PB170473
105-60-2	Caprolactam	1.10	U	1	1.10	10.1	ug/L	11/11/25 20:59	PB170473
59-50-7	4-Chloro-3-methylphenol	0.60	U	1	0.60	5.10	ug/L	11/11/25 20:59	PB170473
91-57-6	2-Methylnaphthalene	0.57	U	1	0.57	5.10	ug/L	11/11/25 20:59	PB170473
77-47-4	Hexachlorocyclopentadiene	3.70	U	1	3.70	10.1	ug/L	11/11/25 20:59	PB170473
88-06-2	2,4,6-Trichlorophenol	0.52	U	1	0.52	5.10	ug/L	11/11/25 20:59	PB170473
95-95-4	2,4,5-Trichlorophenol	0.63	U	1	0.63	5.10	ug/L	11/11/25 20:59	PB170473
92-52-4	1,1-Biphenyl	0.54	U	1	0.54	5.10	ug/L	11/11/25 20:59	PB170473
91-58-7	2-Chloronaphthalene	0.62	U	1	0.62	5.10	ug/L	11/11/25 20:59	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.10	ug/L	11/11/25 20:59	PB170473
131-11-3	Dimethylphthalate	0.62	U	1	0.62	5.10	ug/L	11/11/25 20:59	PB170473
208-96-8	Acenaphthylene	0.76	U	1	0.76	5.10	ug/L	11/11/25 20:59	PB170473
606-20-2	2,6-Dinitrotoluene	0.93	U	1	0.93	5.10	ug/L	11/11/25 20:59	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.10	ug/L	11/11/25 20:59	PB170473
83-32-9	Acenaphthene	0.56	U	1	0.56	5.10	ug/L	11/11/25 20:59	PB170473
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.1	ug/L	11/11/25 20:59	PB170473
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.1	ug/L	11/11/25 20:59	PB170473
132-64-9	Dibenzofuran	0.62	U	1	0.62	5.10	ug/L	11/11/25 20:59	PB170473
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.10	ug/L	11/11/25 20:59	PB170473
84-66-2	Diethylphthalate	0.70	U	1	0.70	5.10	ug/L	11/11/25 20:59	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	1	0.69	5.10	ug/L	11/11/25 20:59	PB170473
86-73-7	Fluorene	0.64	U	1	0.64	5.10	ug/L	11/11/25 20:59	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.10	ug/L	11/11/25 20:59	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.1	ug/L	11/11/25 20:59	PB170473

Raw Data: **BP026099.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SEEP-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-07	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	990 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.59	U	1	0.59	5.10	ug/L	11/11/25 20:59	PB170473
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.10	ug/L	11/11/25 20:59	PB170473
118-74-1	Hexachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/11/25 20:59	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.10	ug/L	11/11/25 20:59	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.1	ug/L	11/11/25 20:59	PB170473
85-01-8	Phenanthrene	0.51	U	1	0.51	5.10	ug/L	11/11/25 20:59	PB170473
120-12-7	Anthracene	0.62	U	1	0.62	5.10	ug/L	11/11/25 20:59	PB170473
86-74-8	Carbazole	0.73	U	1	0.73	5.10	ug/L	11/11/25 20:59	PB170473
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.10	ug/L	11/11/25 20:59	PB170473
206-44-0	Fluoranthene	0.83	U	1	0.83	5.10	ug/L	11/11/25 20:59	PB170473
129-00-0	Pyrene	0.51	U	1	0.51	5.10	ug/L	11/11/25 20:59	PB170473
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.10	ug/L	11/11/25 20:59	PB170473
91-94-1	3,3-Dichlorobenzidine	0.94	UQ	1	0.94	10.1	ug/L	11/11/25 20:59	PB170473
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.10	ug/L	11/11/25 20:59	PB170473
218-01-9	Chrysene	0.44	U	1	0.44	5.10	ug/L	11/11/25 20:59	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	3.00	J	1	1.60	5.10	ug/L	11/11/25 20:59	PB170473
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.1	ug/L	11/11/25 20:59	PB170473
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.10	ug/L	11/11/25 20:59	PB170473
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.10	ug/L	11/11/25 20:59	PB170473
50-32-8	Benzo(a)pyrene	0.56	U	1	0.56	5.10	ug/L	11/11/25 20:59	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	1	0.60	5.10	ug/L	11/11/25 20:59	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.68	U	1	0.68	5.10	ug/L	11/11/25 20:59	PB170473
191-24-2	Benzo(g,h,i)perylene	0.70	U	1	0.70	5.10	ug/L	11/11/25 20:59	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/11/25 20:59	PB170473
123-91-1	1,4-Dioxane	12.2		1	1.00	5.10	ug/L	11/11/25 20:59	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.73	U	1	0.73	5.10	ug/L	11/11/25 20:59	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	67.7			15 (10) - 110 (134)	45%	SPK: 150		
13127-88-3	Phenol-d6	47.4			15 (10) - 110 (135)	32%	SPK: 150		
4165-60-0	Nitrobenzene-d5	77.8			30 (39) - 130 (138)	78%	SPK: 100		
321-60-8	2-Fluorobiphenyl	64.9			30 (52) - 130 (132)	65%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	137			15 (44) - 110 (137)	91%	SPK: 150		
1718-51-0	Terphenyl-d14	63.9			30 (42) - 130 (152)	64%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	323000							
1146-65-2	Naphthalene-d8	1320000							
15067-26-2	Acenaphthene-d10	849000							
1517-22-2	Phenanthrene-d10	1770000							
1719-03-5	Chrysene-d12	1960000							
1520-96-3	Perylene-d12	2190000							
TENTATIVE IDENTIFIED COMPOUNDS									
62-53-3	Aniline	4.20	J			7.01	ug/L		
000111-14-8	Heptanoic acid	15.2	J			8.28	ug/L		

Raw Data: **BP026099.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SEEP-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-07	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	990 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
65-85-0	Benzoic acid	13.8	J			9.71	ug/L		
000620-17-7	Phenol, 3-ethyl-	10.9	J			9.89	ug/L		
000103-82-2	Benzeneacetic acid	9.00	J			11.0	ug/L		
000501-52-0	Hydrocinnamic acid	17.3	J			12.3	ug/L		
000134-62-3	Diethyltoluamide	15.9	J			15.1	ug/L		
015687-27-1	Ibuprofen	33.9	J			15.4	ug/L		
000119-61-9	Benzophenone	9.20	J			15.7	ug/L		
003622-84-2	Benzenesulfonamide, N-butyl-	8.70	J			16.9	ug/L		
001421-49-4	Benzoic acid, 3,5-bis(1,1-dimethyl	14.0	J			17.6	ug/L		
000057-10-3	n-Hexadecanoic acid	13.6	J			18.1	ug/L		
020170-32-5	3,5-di-tert-Butyl-4-hydroxyphenylp	14.2	J			18.3	ug/L		
003234-85-3	Myristyl myristate	29.6	J			24.8	ug/L		
002599-01-1	Tetradecanoic acid, hexadecyl este	48.4	J			27.3	ug/L		
1000406-04-8	Pentadecafluorooctanoic acid, octa	23.3	J			29.0	ug/L		

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

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

QC SUMMARY

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

SW-846

SDG No.: Q3584

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170473BL	PB170473BL	2-Fluorophenol	150	119	79		15 (10)	110 (134)
		Phenol-d6	150	119	80		15 (10)	110 (135)
		Nitrobenzene-d5	100	84.0	84		30 (39)	130 (138)
		2-Fluorobiphenyl	100	80.8	81		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	122	82		15 (44)	110 (137)
		Terphenyl-d14	100	95.0	95		30 (42)	130 (152)
PB170473BS	PB170473BS	2-Fluorophenol	150	119	79		15 (10)	110 (134)
		Phenol-d6	150	120	80		15 (10)	110 (135)
		Nitrobenzene-d5	100	83.2	83		30 (39)	130 (138)
		2-Fluorobiphenyl	100	76.8	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	123	82		15 (44)	110 (137)
		Terphenyl-d14	100	96.5	96		30 (42)	130 (152)
PB170473BSD	PB170473BSD	2-Fluorophenol	150	121	81		15 (10)	110 (134)
		Phenol-d6	150	122	81		15 (10)	110 (135)
		Nitrobenzene-d5	100	82.0	82		30 (39)	130 (138)
		2-Fluorobiphenyl	100	78.5	79		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	124	83		15 (44)	110 (137)
		Terphenyl-d14	100	94.1	94		30 (42)	130 (152)
Q3584-01	SW-1	2-Fluorophenol	150	58.9	39		15 (10)	110 (134)
		Phenol-d6	150	36.5	24		15 (10)	110 (135)
		Nitrobenzene-d5	100	86.3	86		30 (39)	130 (138)
		2-Fluorobiphenyl	100	77.8	78		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	148	98		15 (44)	110 (137)
		Terphenyl-d14	100	81.0	81		30 (42)	130 (152)
Q3584-02	SW-2	2-Fluorophenol	150	69.3	46		15 (10)	110 (134)
		Phenol-d6	150	55.0	37		15 (10)	110 (135)
		Nitrobenzene-d5	100	86.7	87		30 (39)	130 (138)
		2-Fluorobiphenyl	100	84.6	85		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	120	80		15 (44)	110 (137)
		Terphenyl-d14	100	66.8	67		30 (42)	130 (152)
Q3584-03	SW-3	2-Fluorophenol	150	69.2	46		15 (10)	110 (134)
		Phenol-d6	150	53.8	36		15 (10)	110 (135)
		Nitrobenzene-d5	100	87.3	87		30 (39)	130 (138)
		2-Fluorobiphenyl	100	84.1	84		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	119	79		15 (44)	110 (137)
		Terphenyl-d14	100	60.4	60		30 (42)	130 (152)
Q3584-04	EB-2	2-Fluorophenol	150	61.6	41		15 (10)	110 (134)
		Phenol-d6	150	38.6	26		15 (10)	110 (135)
		Nitrobenzene-d5	100	86.8	87		30 (39)	130 (138)
		2-Fluorobiphenyl	100	83.2	83		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	118	78		15 (44)	110 (137)
		Terphenyl-d14	100	68.2	68		30 (42)	130 (152)
Q3584-05	FB-2	2-Fluorophenol	150	74.1	49		15 (10)	110 (134)
		Phenol-d6	150	50.5	34		15 (10)	110 (135)
		Nitrobenzene-d5	100	89.5	89		30 (39)	130 (138)
		2-Fluorobiphenyl	100	85.1	85		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	124	83		15 (44)	110 (137)
		Terphenyl-d14	100	73.2	73		30 (42)	130 (152)
Q3584-07	SEEP-1	2-Fluorophenol	150	67.7	45		15 (10)	110 (134)
		Phenol-d6	150	47.4	32		15 (10)	110 (135)
		Nitrobenzene-d5	100	77.8	78		30 (39)	130 (138)

( ) = LABORATORY INHOUSE LIMIT

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

SW-846

SDG No.: Q3584

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3584-07	SEEP-1	2-Fluorobiphenyl	100	64.9	65		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	137	91		15 (44)	110 (137)
		Terphenyl-d14	100	63.9	64		30 (42)	130 (152)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BF144245.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170473BS	Benzaldehyde	50	40.6	ug/L	81				20 (10)	160 (107)	
	Phenol	50	42.2	ug/L	84				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	43.6	ug/L	87				70 (47)	130 (118)	
	2-Chlorophenol	50	43.6	ug/L	87				70 (70)	130 (117)	
	2-Methylphenol	50	43.6	ug/L	87				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	44.9	ug/L	90				70 (65)	130 (100)	
	Acetophenone	50	42.9	ug/L	86				70 (60)	130 (104)	
	3+4-Methylphenols	50	43.0	ug/L	86				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	44.1	ug/L	88				70 (57)	130 (107)	
	Hexachloroethane	50	43.6	ug/L	87				20 (76)	160 (118)	
	Nitrobenzene	50	42.7	ug/L	85				70 (58)	130 (106)	
	Isophorone	50	44.4	ug/L	89				70 (61)	130 (102)	
	2-Nitrophenol	50	44.6	ug/L	89				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	48.4	ug/L	97				70 (67)	130 (123)	
	bis(2-Chloroethoxy)methane	50	43.1	ug/L	86				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	40.8	ug/L	82				70 (66)	130 (115)	
	Naphthalene	50	41.6	ug/L	83				70 (64)	130 (107)	
	4-Chloroaniline	50	16.5	ug/L	33		*		70 (16)	130 (100)	
	Hexachlorobutadiene	50	40.2	ug/L	80				70 (69)	130 (101)	
	Caprolactam	50	45.9	ug/L	92				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	44.3	ug/L	89				70 (65)	130 (114)	
	2-Methylnaphthalene	50	39.1	ug/L	78				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	96.1	ug/L	96				20 (47)	160 (161)	
	2,4,6-Trichlorophenol	50	41.1	ug/L	82				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	40.7	ug/L	81				70 (70)	130 (106)	
	1,1-Biphenyl	50	42.3	ug/L	85				70 (72)	130 (98)	
	2-Chloronaphthalene	50	40.5	ug/L	81				70 (59)	130 (106)	
	2-Nitroaniline	50	44.9	ug/L	90				70 (73)	130 (114)	
	Dimethylphthalate	50	43.7	ug/L	87				70 (64)	130 (103)	
	Acenaphthylene	50	46.9	ug/L	94				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	46.6	ug/L	93				70 (64)	130 (110)	
	3-Nitroaniline	50	26.0	ug/L	52		*		70 (44)	130 (100)	
	Acenaphthene	50	37.6	ug/L	75				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	93.1	ug/L	93				20 (49)	160 (139)	
	4-Nitrophenol	100	77.8	ug/L	78				20 (57)	160 (132)	
	Dibenzofuran	50	40.4	ug/L	81				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	46.2	ug/L	92				70 (60)	130 (115)	
	Diethylphthalate	50	43.7	ug/L	87				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	40.5	ug/L	81				70 (61)	130 (104)	
	Fluorene	50	42.8	ug/L	86				70 (64)	130 (107)	
	4-Nitroaniline	50	44.6	ug/L	89				70 (67)	130 (118)	
	4,6-Dinitro-2-methylphenol	50	43.1	ug/L	86				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	45.4	ug/L	91				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	42.7	ug/L	85				70 (73)	130 (103)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BF144245.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170473BS	Hexachlorobenzene	50	43.5	ug/L	87				70 (73)	130 (106)	
	Atrazine	50	45.4	ug/L	91				70 (76)	130 (120)	
	Pentachlorophenol	100	83.7	ug/L	84				20 (59)	160 (131)	
	Phenanthrene	50	43.2	ug/L	86				70 (62)	130 (109)	
	Anthracene	50	43.3	ug/L	87				70 (65)	130 (110)	
	Carbazole	50	43.4	ug/L	87				70 (62)	130 (106)	
	Di-n-butylphthalate	50	41.9	ug/L	84				70 (64)	130 (106)	
	Fluoranthene	50	41.3	ug/L	83				70 (64)	130 (110)	
	Pyrene	50	51.7	ug/L	103				70 (71)	130 (103)	
	Butylbenzylphthalate	50	44.7	ug/L	89				70 (64)	130 (131)	
	3,3-Dichlorobenzidine	50	22.7	ug/L	45		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	45.2	ug/L	90				70 (62)	130 (107)	
	Chrysene	50	46.5	ug/L	93				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	39.5	ug/L	79				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	41.2	ug/L	82				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	41.5	ug/L	83				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	46.1	ug/L	92				70 (77)	130 (105)	
	Benzo(a)pyrene	50	46.7	ug/L	93				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	45.9	ug/L	92				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	45.7	ug/L	91				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	47.4	ug/L	95				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	40.1	ug/L	80				70 (72)	130 (101)	
	1,4-Dioxane	50	38.6	ug/L	77				20 (38)	160 (125)	
	2,3,4,6-Tetrachlorophenol	50	45.2	ug/L	90				70 (63)	130 (116)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BF144246.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170473BSD	Benzaldehyde	50	40.9	ug/L	82	1			20 (10)	160 (107)	20 (20)
	Phenol	50	43.1	ug/L	86	2			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	44.9	ug/L	90	3			70 (47)	130 (118)	20 (20)
	2-Chlorophenol	50	45.0	ug/L	90	3			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	45.6	ug/L	91	4			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	45.5	ug/L	91	1			70 (65)	130 (100)	20 (20)
	Acetophenone	50	42.1	ug/L	84	2			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	44.3	ug/L	89	3			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	45.7	ug/L	91	4			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	43.8	ug/L	88	0			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	42.3	ug/L	85	1			70 (58)	130 (106)	20 (20)
	Isophorone	50	43.7	ug/L	87	2			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	44.0	ug/L	88	1			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	46.1	ug/L	92	5			70 (67)	130 (123)	20 (20)
	bis(2-Chloroethoxy)methane	50	42.5	ug/L	85	1			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	41.3	ug/L	83	1			70 (66)	130 (115)	20 (20)
	Naphthalene	50	41.1	ug/L	82	1			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	16.7	ug/L	33	1	*		70 (16)	130 (100)	20 (20)
	Hexachlorobutadiene	50	40.4	ug/L	81	0			70 (69)	130 (101)	20 (20)
	Caprolactam	50	47.4	ug/L	95	3			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	43.5	ug/L	87	2			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	38.8	ug/L	78	1			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	100	ug/L	100	4			20 (47)	160 (161)	20 (20)
	2,4,6-Trichlorophenol	50	41.0	ug/L	82	0			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	41.5	ug/L	83	2			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	42.2	ug/L	84	0			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	42.0	ug/L	84	4			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	46.6	ug/L	93	4			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	44.6	ug/L	89	2			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	47.0	ug/L	94	0			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	47.4	ug/L	95	2			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	25.2	ug/L	50	3	*		70 (44)	130 (100)	20 (20)
	Acenaphthene	50	38.2	ug/L	76	2			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	88.7	ug/L	89	5			20 (49)	160 (139)	20 (20)
	4-Nitrophenol	100	80.9	ug/L	81	4			20 (57)	160 (132)	20 (20)
	Dibenzofuran	50	41.7	ug/L	83	3			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	46.7	ug/L	93	1			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	44.1	ug/L	88	1			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	41.6	ug/L	83	3			70 (61)	130 (104)	20 (20)
	Fluorene	50	42.6	ug/L	85	0			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	44.1	ug/L	88	1			70 (67)	130 (118)	20 (20)
	4,6-Dinitro-2-methylphenol	50	44.4	ug/L	89	3			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	44.2	ug/L	88	3			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	41.9	ug/L	84	2			70 (73)	130 (103)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BF144246.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170473BSD	Hexachlorobenzene	50	44.2	ug/L	88	2			70 (73)	130 (106)	20 (20)
	Atrazine	50	45.0	ug/L	90	1			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	81.1	ug/L	81	3			20 (59)	160 (131)	20 (20)
	Phenanthrene	50	43.1	ug/L	86	0			70 (62)	130 (109)	20 (20)
	Anthracene	50	43.5	ug/L	87	0			70 (65)	130 (110)	20 (20)
	Carbazole	50	43.0	ug/L	86	1			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	41.0	ug/L	82	2			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	40.8	ug/L	82	1			70 (64)	130 (110)	20 (20)
	Pyrene	50	49.4	ug/L	99	5			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	43.9	ug/L	88	2			70 (64)	130 (131)	20 (20)
	3,3-Dichlorobenzidine	50	22.5	ug/L	45	1	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	44.5	ug/L	89	2			70 (62)	130 (107)	20 (20)
	Chrysene	50	45.7	ug/L	91	2			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	38.5	ug/L	77	3			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	41.0	ug/L	82	0			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	42.6	ug/L	85	3			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	45.0	ug/L	90	2			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	47.1	ug/L	94	1			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	45.7	ug/L	91	0			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	45.9	ug/L	92	0			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	46.6	ug/L	93	2			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	40.9	ug/L	82	2			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	39.5	ug/L	79	2			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	46.2	ug/L	92	2			70 (63)	130 (116)	20 (20)

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170473BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3584

Lab File ID: BF144244.D | Lab Sample ID: PB170473BL

Instrument ID: BNA_F | Date Extracted: 11/10/2025

Matrix: (soil/water) Water | Date Analyzed: 11/13/2025

Level: (low/med) LOW | Time Analyzed: 15:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170473BS	PB170473BS	BF144245.D	11/13/2025
PB170473BSD	PB170473BSD	BF144246.D	11/13/2025
SW-1	Q3584-01	BP026097.D	11/11/2025
SEEP-1	Q3584-07	BP026099.D	11/11/2025
SW-2	Q3584-02	BF144203.D	11/11/2025
SW-3	Q3584-03	BF144204.D	11/11/2025
FB-2	Q3584-05	BF144202.D	11/11/2025
EB-2	Q3584-04	BF144205.D	11/11/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3584

Lab File ID: BF144168.D DFTPP Injection Date: 11/05/2025

Instrument ID: BNA_F DFTPP Injection Time: 12:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.8) 1
69	Mass 69 relative abundance	24.5
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF144169.D	11/05/2025	12:50
SSTDICC005	SSTDICC005	BF144170.D	11/05/2025	13:20
SSTDICC010	SSTDICC010	BF144171.D	11/05/2025	13:50
SSTDICC020	SSTDICC020	BF144172.D	11/05/2025	14:20
SSTDICCC040	SSTDICCC040	BF144173.D	11/05/2025	14:50
SSTDICC050	SSTDICC050	BF144174.D	11/05/2025	15:49
SSTDICC060	SSTDICC060	BF144175.D	11/05/2025	16:19
SSTDICC080	SSTDICC080	BF144176.D	11/05/2025	16:49

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3584

Lab File ID: BF144197.D DFTPP Injection Date: 11/11/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.2) 1
69	Mass 69 relative abundance	23.5
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.8
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.7 (18.7) 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	BF144198.D	11/11/2025	10:09
FB-2	Q3584-05	BF144202.D	11/11/2025	14:39
SW-2	Q3584-02	BF144203.D	11/11/2025	15:09
SW-3	Q3584-03	BF144204.D	11/11/2025	15:38
EB-2	Q3584-04	BF144205.D	11/11/2025	16:07

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3584

Lab File ID: BF144242.D DFTPP Injection Date: 11/13/2025

Instrument ID: BNA_F DFTPP Injection Time: 14:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	24.9
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	16.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF144243.D	11/13/2025	14:56
PB170473BL	PB170473BL	BF144244.D	11/13/2025	15:25
PB170473BS	PB170473BS	BF144245.D	11/13/2025	15:55
PB170473BSD	PB170473BSD	BF144246.D	11/13/2025	16:24

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3584

Lab File ID: BP026027.D DFTPP Injection Date: 10/29/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	32.9
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	75
443	15.0 - 24.0% of mass 442	14.4 (19.2) 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	BP026028.D	10/29/2025	09:26
SSTDICC005	SSTDICC005	BP026029.D	10/29/2025	10:07
SSTDICC010	SSTDICC010	BP026030.D	10/29/2025	10:48
SSTDICC020	SSTDICC020	BP026031.D	10/29/2025	11:29
SSTDICCC040	SSTDICCC040	BP026032.D	10/29/2025	12:10
SSTDICC050	SSTDICC050	BP026033.D	10/29/2025	12:51
SSTDICC060	SSTDICC060	BP026034.D	10/29/2025	13:32
SSTDICC080	SSTDICC080	BP026035.D	10/29/2025	14:13

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3584

Lab File ID: BP026089.D DFTPP Injection Date: 11/11/2025

Instrument ID: BNA_P DFTPP Injection Time: 14:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	29.8
70	Less than 2.0% of mass 69	0.1 (0.3) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	91.8
443	15.0 - 24.0% of mass 442	17.6 (19.2) 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	BP026090.D	11/11/2025	14:44
SW-1	Q3584-01	BP026097.D	11/11/2025	19:36
SEEP-1	Q3584-07	BP026099.D	11/11/2025	20:59

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3584

Client ID : SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BF144198.D Time Analyzed: 10:09

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	73404	6.875	271454	8.16	150816	9.92
	UPPER LIMIT	146808	7.375	542908	8.657	301632	10.416
	LOWER LIMIT	36702	6.375	135727	7.657	75408	9.416
	EPA SAMPLE NO.						
01	FB-2	61823	6.88	239622	8.16	129099	9.92
02	SW-2	59255	6.88	231451	8.16	119771	9.92
03	EB-2	58254	6.88	216777	8.16	114918	9.92
04	SW-3	54285	6.88	195487	8.16	102900	9.92

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3584

Client ID: SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BF144198.D Time Analyzed: 10:09

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	253608	11.41	166330	14.057	229506	15.545
	UPPER LIMIT	507216	11.91	332660	14.557	459012	16.045
	LOWER LIMIT	126804	10.91	83165	13.557	114753	15.045
	EPA SAMPLE NO.						
01	FB-2	212852	11.40	168567	14.06	214547	15.54
02	SW-2	200120	11.40	163164	14.06	207285	15.54
03	EB-2	186847	11.40	165680	14.06	209451	15.54
04	SW-3	165829	11.40	186431	14.06	227605	15.54

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3584

Client ID : SSTDCCC040 Date Analyzed: 11/13/2025

Lab File ID: BF144243.D Time Analyzed: 14:56

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	57801	6.869	225618	8.15	126474	9.90
	UPPER LIMIT	115602	7.369	451236	8.651	252948	10.404
	LOWER LIMIT	28900.5	6.369	112809	7.651	63237	9.404
	EPA SAMPLE NO.						
01	PB170473BL	58185	6.86	226377	8.15	128860	9.90
02	PB170473BS	61443	6.87	243453	8.15	140132	9.91
03	PB170473BSD	58832	6.86	241570	8.15	135120	9.91

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3584

Client ID: SSTDCCC040 Date Analyzed: 11/13/2025

Lab File ID: BF144243.D Time Analyzed: 14:56

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	214028	11.398	119800	14.045	154528	15.521
	UPPER LIMIT	428056	11.898	239600	14.545	309056	16.021
	LOWER LIMIT	107014	10.898	59900	13.545	77264	15.021
	EPA SAMPLE NO.						
01	PB170473BL	235212	11.39	125254	14.05	146599	15.52
02	PB170473BS	236951	11.40	118377	14.05	157737	15.53
03	PB170473BSD	232588	11.40	118249	14.05	155276	15.52

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3584

Client ID : SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BP026090.D Time Analyzed: 14:44

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	341127	7.678	1393560	10.45	901803	14.32
	UPPER LIMIT	682254	8.178	2787120	10.949	1803610	14.819
	LOWER LIMIT	170564	7.178	696780	9.949	450902	13.819
	EPA SAMPLE NO.						
01	SEEP-1	322520	7.67	1316170	10.44	849238	14.31
02	SW-1	317671	7.68	1227250	10.44	744904	14.31

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3584

Client ID: SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BP026090.D Time Analyzed: 14:44

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1845190	17.131	1927460	21.589	2191180	24.924
	UPPER LIMIT	3690380	17.631	3854920	22.089	4382360	25.424
	LOWER LIMIT	922595	16.631	963730	21.089	1095590	24.424
	EPA SAMPLE NO.						
01	SEEP-1	1767570	17.13	1962760	21.58	2192890	24.91
02	SW-1	1502760	17.13	1662920	21.58	1971520	24.91

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

Raw Data: **BF144244.D**

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

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170473BL	SDG No.:	Q3584
Lab Sample ID:	PB170473BL	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	11/13/25 15:25	PB170473
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/13/25 15:25	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/13/25 15:25	PB170473
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/13/25 15:25	PB170473
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/13/25 15:25	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/13/25 15:25	PB170473
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/13/25 15:25	PB170473
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/13/25 15:25	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/13/25 15:25	PB170473
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/13/25 15:25	PB170473
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/13/25 15:25	PB170473
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/13/25 15:25	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/13/25 15:25	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/13/25 15:25	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/13/25 15:25	PB170473
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/13/25 15:25	PB170473
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/13/25 15:25	PB170473
106-47-8	4-Chloroaniline	0.84	U	1	0.84	5.00	ug/L	11/13/25 15:25	PB170473
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/13/25 15:25	PB170473
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/13/25 15:25	PB170473
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/13/25 15:25	PB170473
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/13/25 15:25	PB170473
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/13/25 15:25	PB170473
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/13/25 15:25	PB170473
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/13/25 15:25	PB170473
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/13/25 15:25	PB170473
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/13/25 15:25	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/13/25 15:25	PB170473
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/13/25 15:25	PB170473
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/13/25 15:25	PB170473
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/13/25 15:25	PB170473
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/13/25 15:25	PB170473
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/13/25 15:25	PB170473
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/13/25 15:25	PB170473
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/13/25 15:25	PB170473
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/13/25 15:25	PB170473
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/13/25 15:25	PB170473
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/13/25 15:25	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/13/25 15:25	PB170473
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/13/25 15:25	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/13/25 15:25	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/13/25 15:25	PB170473

Raw Data: **BF144244.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170473BL			SDG No.:	Q3584
Lab Sample ID:	PB170473BL			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/13/25 15:25	PB170473
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/13/25 15:25	PB170473
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/13/25 15:25	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/13/25 15:25	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/13/25 15:25	PB170473
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/13/25 15:25	PB170473
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/13/25 15:25	PB170473
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/13/25 15:25	PB170473
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/13/25 15:25	PB170473
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/13/25 15:25	PB170473
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/13/25 15:25	PB170473
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/13/25 15:25	PB170473
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/13/25 15:25	PB170473
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/13/25 15:25	PB170473
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/13/25 15:25	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/13/25 15:25	PB170473
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/13/25 15:25	PB170473
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/13/25 15:25	PB170473
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/13/25 15:25	PB170473
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/13/25 15:25	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/13/25 15:25	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/13/25 15:25	PB170473
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/13/25 15:25	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/13/25 15:25	PB170473
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/13/25 15:25	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/13/25 15:25	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	119			15 (10) - 110 (134)	79%	SPK: 150		
13127-88-3	Phenol-d6	119			15 (10) - 110 (135)	80%	SPK: 150		
4165-60-0	Nitrobenzene-d5	84.0			30 (39) - 130 (138)	84%	SPK: 100		
321-60-8	2-Fluorobiphenyl	80.8			30 (52) - 130 (132)	81%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	122			15 (44) - 110 (137)	82%	SPK: 150		
1718-51-0	Terphenyl-d14	95.0			30 (42) - 130 (152)	95%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	58200							
1146-65-2	Naphthalene-d8	226000							
15067-26-2	Acenaphthene-d10	129000							
1517-22-2	Phenanthrene-d10	235000							
1719-03-5	Chrysene-d12	125000							
1520-96-3	Perylene-d12	147000							

Raw Data: **BF144244.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170473BL			SDG No.:	Q3584
Lab Sample ID:	PB170473BL			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Raw Data: **BF144245.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170473BS	SDG No.:	Q3584
Lab Sample ID:	PB170473BS	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	40.6		1	3.90	10.0	ug/L	11/13/25 15:55	PB170473
108-95-2	Phenol	42.2		1	0.91	5.00	ug/L	11/13/25 15:55	PB170473
111-44-4	bis(2-Chloroethyl)ether	43.6		1	0.81	5.00	ug/L	11/13/25 15:55	PB170473
95-57-8	2-Chlorophenol	43.6		1	0.58	5.00	ug/L	11/13/25 15:55	PB170473
95-48-7	2-Methylphenol	43.6		1	1.10	5.00	ug/L	11/13/25 15:55	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	44.9		1	1.30	5.00	ug/L	11/13/25 15:55	PB170473
98-86-2	Acetophenone	42.9		1	0.74	5.00	ug/L	11/13/25 15:55	PB170473
65794-96-9	3+4-Methylphenols	43.0		1	1.10	10.0	ug/L	11/13/25 15:55	PB170473
621-64-7	n-Nitroso-di-n-propylamine	44.1		1	1.40	2.50	ug/L	11/13/25 15:55	PB170473
67-72-1	Hexachloroethane	43.6		1	0.65	5.00	ug/L	11/13/25 15:55	PB170473
98-95-3	Nitrobenzene	42.7		1	0.76	5.00	ug/L	11/13/25 15:55	PB170473
78-59-1	Isophorone	44.4		1	0.75	5.00	ug/L	11/13/25 15:55	PB170473
88-75-5	2-Nitrophenol	44.6		1	1.80	5.00	ug/L	11/13/25 15:55	PB170473
105-67-9	2,4-Dimethylphenol	48.4		1	1.90	5.00	ug/L	11/13/25 15:55	PB170473
111-91-1	bis(2-Chloroethoxy)methane	43.1		1	0.68	5.00	ug/L	11/13/25 15:55	PB170473
120-83-2	2,4-Dichlorophenol	40.8		1	0.52	5.00	ug/L	11/13/25 15:55	PB170473
91-20-3	Naphthalene	41.6		1	0.50	5.00	ug/L	11/13/25 15:55	PB170473
106-47-8	4-Chloroaniline	16.5		1	0.84	5.00	ug/L	11/13/25 15:55	PB170473
87-68-3	Hexachlorobutadiene	40.2		1	0.54	5.00	ug/L	11/13/25 15:55	PB170473
105-60-2	Caprolactam	45.9		1	1.10	10.0	ug/L	11/13/25 15:55	PB170473
59-50-7	4-Chloro-3-methylphenol	44.3		1	0.59	5.00	ug/L	11/13/25 15:55	PB170473
91-57-6	2-Methylnaphthalene	39.1		1	0.56	5.00	ug/L	11/13/25 15:55	PB170473
77-47-4	Hexachlorocyclopentadiene	96.1	E	1	3.60	10.0	ug/L	11/13/25 15:55	PB170473
88-06-2	2,4,6-Trichlorophenol	41.1		1	0.51	5.00	ug/L	11/13/25 15:55	PB170473
95-95-4	2,4,5-Trichlorophenol	40.7		1	0.62	5.00	ug/L	11/13/25 15:55	PB170473
92-52-4	1,1-Biphenyl	42.3		1	0.53	5.00	ug/L	11/13/25 15:55	PB170473
91-58-7	2-Chloronaphthalene	40.5		1	0.61	5.00	ug/L	11/13/25 15:55	PB170473
88-74-4	2-Nitroaniline	44.9		1	1.30	5.00	ug/L	11/13/25 15:55	PB170473
131-11-3	Dimethylphthalate	43.7		1	0.61	5.00	ug/L	11/13/25 15:55	PB170473
208-96-8	Acenaphthylene	46.9		1	0.75	5.00	ug/L	11/13/25 15:55	PB170473
606-20-2	2,6-Dinitrotoluene	46.6		1	0.92	5.00	ug/L	11/13/25 15:55	PB170473
99-09-2	3-Nitroaniline	26.0		1	1.10	5.00	ug/L	11/13/25 15:55	PB170473
83-32-9	Acenaphthene	37.6		1	0.55	5.00	ug/L	11/13/25 15:55	PB170473
51-28-5	2,4-Dinitrophenol	93.1	E	1	6.00	10.0	ug/L	11/13/25 15:55	PB170473
100-02-7	4-Nitrophenol	77.8		1	2.40	10.0	ug/L	11/13/25 15:55	PB170473
132-64-9	Dibenzofuran	40.4		1	0.61	5.00	ug/L	11/13/25 15:55	PB170473
121-14-2	2,4-Dinitrotoluene	46.2		1	1.20	5.00	ug/L	11/13/25 15:55	PB170473
84-66-2	Diethylphthalate	43.7		1	0.69	5.00	ug/L	11/13/25 15:55	PB170473
7005-72-3	4-Chlorophenyl-phenylether	40.5		1	0.68	5.00	ug/L	11/13/25 15:55	PB170473
86-73-7	Fluorene	42.8		1	0.63	5.00	ug/L	11/13/25 15:55	PB170473
100-01-6	4-Nitroaniline	44.6		1	1.50	5.00	ug/L	11/13/25 15:55	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	43.1		1	2.90	10.0	ug/L	11/13/25 15:55	PB170473

Raw Data: **BF144245.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170473BS			SDG No.:	Q3584
Lab Sample ID:	PB170473BS			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	45.4		1	0.58	5.00	ug/L	11/13/25 15:55	PB170473
101-55-3	4-Bromophenyl-phenylether	42.7		1	0.40	5.00	ug/L	11/13/25 15:55	PB170473
118-74-1	Hexachlorobenzene	43.5		1	0.52	5.00	ug/L	11/13/25 15:55	PB170473
1912-24-9	Atrazine	45.4		1	1.00	5.00	ug/L	11/13/25 15:55	PB170473
87-86-5	Pentachlorophenol	83.7	E	1	1.60	10.0	ug/L	11/13/25 15:55	PB170473
85-01-8	Phenanthrene	43.2		1	0.50	5.00	ug/L	11/13/25 15:55	PB170473
120-12-7	Anthracene	43.3		1	0.61	5.00	ug/L	11/13/25 15:55	PB170473
86-74-8	Carbazole	43.4		1	0.72	5.00	ug/L	11/13/25 15:55	PB170473
84-74-2	Di-n-butylphthalate	41.9		1	1.20	5.00	ug/L	11/13/25 15:55	PB170473
206-44-0	Fluoranthene	41.3		1	0.82	5.00	ug/L	11/13/25 15:55	PB170473
129-00-0	Pyrene	51.7		1	0.50	5.00	ug/L	11/13/25 15:55	PB170473
85-68-7	Butylbenzylphthalate	44.7		1	1.90	5.00	ug/L	11/13/25 15:55	PB170473
91-94-1	3,3-Dichlorobenzidine	22.7		1	0.93	10.0	ug/L	11/13/25 15:55	PB170473
56-55-3	Benzo(a)anthracene	45.2		1	0.45	5.00	ug/L	11/13/25 15:55	PB170473
218-01-9	Chrysene	46.5		1	0.44	5.00	ug/L	11/13/25 15:55	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	39.5		1	1.60	5.00	ug/L	11/13/25 15:55	PB170473
117-84-0	Di-n-octyl phthalate	41.2		1	2.30	10.0	ug/L	11/13/25 15:55	PB170473
205-99-2	Benzo(b)fluoranthene	41.5		1	0.49	5.00	ug/L	11/13/25 15:55	PB170473
207-08-9	Benzo(k)fluoranthene	46.1		1	0.48	5.00	ug/L	11/13/25 15:55	PB170473
50-32-8	Benzo(a)pyrene	46.7		1	0.55	5.00	ug/L	11/13/25 15:55	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	45.9		1	0.59	5.00	ug/L	11/13/25 15:55	PB170473
53-70-3	Dibenzo(a,h)anthracene	45.7		1	0.67	5.00	ug/L	11/13/25 15:55	PB170473
191-24-2	Benzo(g,h,i)perylene	47.4		1	0.69	5.00	ug/L	11/13/25 15:55	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	40.1		1	0.52	5.00	ug/L	11/13/25 15:55	PB170473
123-91-1	1,4-Dioxane	38.6		1	1.00	5.00	ug/L	11/13/25 15:55	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	45.2		1	0.72	5.00	ug/L	11/13/25 15:55	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	119			15 (10) - 110 (134)	79%	SPK: 150		
13127-88-3	Phenol-d6	120			15 (10) - 110 (135)	80%	SPK: 150		
4165-60-0	Nitrobenzene-d5	83.2			30 (39) - 130 (138)	83%	SPK: 100		
321-60-8	2-Fluorobiphenyl	76.8			30 (52) - 130 (132)	77%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	123			15 (44) - 110 (137)	82%	SPK: 150		
1718-51-0	Terphenyl-d14	96.5			30 (42) - 130 (152)	96%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	61400							
1146-65-2	Naphthalene-d8	243000							
15067-26-2	Acenaphthene-d10	140000							
1517-22-2	Phenanthrene-d10	237000							
1719-03-5	Chrysene-d12	118000							
1520-96-3	Perylene-d12	158000							

Raw Data: **BF144245.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170473BS			SDG No.:	Q3584
Lab Sample ID:	PB170473BS			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

Raw Data: **BF144246.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170473BSD	SDG No.:	Q3584
Lab Sample ID:	PB170473BSD	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	40.9		1	3.90	10.0	ug/L	11/13/25 16:24	PB170473
108-95-2	Phenol	43.1		1	0.91	5.00	ug/L	11/13/25 16:24	PB170473
111-44-4	bis(2-Chloroethyl)ether	44.9		1	0.81	5.00	ug/L	11/13/25 16:24	PB170473
95-57-8	2-Chlorophenol	45.0		1	0.58	5.00	ug/L	11/13/25 16:24	PB170473
95-48-7	2-Methylphenol	45.6		1	1.10	5.00	ug/L	11/13/25 16:24	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	45.5		1	1.30	5.00	ug/L	11/13/25 16:24	PB170473
98-86-2	Acetophenone	42.1		1	0.74	5.00	ug/L	11/13/25 16:24	PB170473
65794-96-9	3+4-Methylphenols	44.3		1	1.10	10.0	ug/L	11/13/25 16:24	PB170473
621-64-7	n-Nitroso-di-n-propylamine	45.7		1	1.40	2.50	ug/L	11/13/25 16:24	PB170473
67-72-1	Hexachloroethane	43.8		1	0.65	5.00	ug/L	11/13/25 16:24	PB170473
98-95-3	Nitrobenzene	42.3		1	0.76	5.00	ug/L	11/13/25 16:24	PB170473
78-59-1	Isophorone	43.7		1	0.75	5.00	ug/L	11/13/25 16:24	PB170473
88-75-5	2-Nitrophenol	44.0		1	1.80	5.00	ug/L	11/13/25 16:24	PB170473
105-67-9	2,4-Dimethylphenol	46.1		1	1.90	5.00	ug/L	11/13/25 16:24	PB170473
111-91-1	bis(2-Chloroethoxy)methane	42.5		1	0.68	5.00	ug/L	11/13/25 16:24	PB170473
120-83-2	2,4-Dichlorophenol	41.3		1	0.52	5.00	ug/L	11/13/25 16:24	PB170473
91-20-3	Naphthalene	41.1		1	0.50	5.00	ug/L	11/13/25 16:24	PB170473
106-47-8	4-Chloroaniline	16.7		1	0.84	5.00	ug/L	11/13/25 16:24	PB170473
87-68-3	Hexachlorobutadiene	40.4		1	0.54	5.00	ug/L	11/13/25 16:24	PB170473
105-60-2	Caprolactam	47.4		1	1.10	10.0	ug/L	11/13/25 16:24	PB170473
59-50-7	4-Chloro-3-methylphenol	43.5		1	0.59	5.00	ug/L	11/13/25 16:24	PB170473
91-57-6	2-Methylnaphthalene	38.8		1	0.56	5.00	ug/L	11/13/25 16:24	PB170473
77-47-4	Hexachlorocyclopentadiene	100	E	1	3.60	10.0	ug/L	11/13/25 16:24	PB170473
88-06-2	2,4,6-Trichlorophenol	41.0		1	0.51	5.00	ug/L	11/13/25 16:24	PB170473
95-95-4	2,4,5-Trichlorophenol	41.5		1	0.62	5.00	ug/L	11/13/25 16:24	PB170473
92-52-4	1,1-Biphenyl	42.2		1	0.53	5.00	ug/L	11/13/25 16:24	PB170473
91-58-7	2-Chloronaphthalene	42.0		1	0.61	5.00	ug/L	11/13/25 16:24	PB170473
88-74-4	2-Nitroaniline	46.6		1	1.30	5.00	ug/L	11/13/25 16:24	PB170473
131-11-3	Dimethylphthalate	44.6		1	0.61	5.00	ug/L	11/13/25 16:24	PB170473
208-96-8	Acenaphthylene	47.0		1	0.75	5.00	ug/L	11/13/25 16:24	PB170473
606-20-2	2,6-Dinitrotoluene	47.4		1	0.92	5.00	ug/L	11/13/25 16:24	PB170473
99-09-2	3-Nitroaniline	25.2		1	1.10	5.00	ug/L	11/13/25 16:24	PB170473
83-32-9	Acenaphthene	38.2		1	0.55	5.00	ug/L	11/13/25 16:24	PB170473
51-28-5	2,4-Dinitrophenol	88.7	E	1	6.00	10.0	ug/L	11/13/25 16:24	PB170473
100-02-7	4-Nitrophenol	80.9	E	1	2.40	10.0	ug/L	11/13/25 16:24	PB170473
132-64-9	Dibenzofuran	41.7		1	0.61	5.00	ug/L	11/13/25 16:24	PB170473
121-14-2	2,4-Dinitrotoluene	46.7		1	1.20	5.00	ug/L	11/13/25 16:24	PB170473
84-66-2	Diethylphthalate	44.1		1	0.69	5.00	ug/L	11/13/25 16:24	PB170473
7005-72-3	4-Chlorophenyl-phenylether	41.6		1	0.68	5.00	ug/L	11/13/25 16:24	PB170473
86-73-7	Fluorene	42.6		1	0.63	5.00	ug/L	11/13/25 16:24	PB170473
100-01-6	4-Nitroaniline	44.1		1	1.50	5.00	ug/L	11/13/25 16:24	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	44.4		1	2.90	10.0	ug/L	11/13/25 16:24	PB170473

Raw Data: **BF144246.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170473BSD			SDG No.:	Q3584
Lab Sample ID:	PB170473BSD			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	44.2		1	0.58	5.00	ug/L	11/13/25 16:24	PB170473
101-55-3	4-Bromophenyl-phenylether	41.9		1	0.40	5.00	ug/L	11/13/25 16:24	PB170473
118-74-1	Hexachlorobenzene	44.2		1	0.52	5.00	ug/L	11/13/25 16:24	PB170473
1912-24-9	Atrazine	45.0		1	1.00	5.00	ug/L	11/13/25 16:24	PB170473
87-86-5	Pentachlorophenol	81.1	E	1	1.60	10.0	ug/L	11/13/25 16:24	PB170473
85-01-8	Phenanthrene	43.1		1	0.50	5.00	ug/L	11/13/25 16:24	PB170473
120-12-7	Anthracene	43.5		1	0.61	5.00	ug/L	11/13/25 16:24	PB170473
86-74-8	Carbazole	43.0		1	0.72	5.00	ug/L	11/13/25 16:24	PB170473
84-74-2	Di-n-butylphthalate	41.0		1	1.20	5.00	ug/L	11/13/25 16:24	PB170473
206-44-0	Fluoranthene	40.8		1	0.82	5.00	ug/L	11/13/25 16:24	PB170473
129-00-0	Pyrene	49.4		1	0.50	5.00	ug/L	11/13/25 16:24	PB170473
85-68-7	Butylbenzylphthalate	43.9		1	1.90	5.00	ug/L	11/13/25 16:24	PB170473
91-94-1	3,3-Dichlorobenzidine	22.5		1	0.93	10.0	ug/L	11/13/25 16:24	PB170473
56-55-3	Benzo(a)anthracene	44.5		1	0.45	5.00	ug/L	11/13/25 16:24	PB170473
218-01-9	Chrysene	45.7		1	0.44	5.00	ug/L	11/13/25 16:24	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	38.5		1	1.60	5.00	ug/L	11/13/25 16:24	PB170473
117-84-0	Di-n-octyl phthalate	41.0		1	2.30	10.0	ug/L	11/13/25 16:24	PB170473
205-99-2	Benzo(b)fluoranthene	42.6		1	0.49	5.00	ug/L	11/13/25 16:24	PB170473
207-08-9	Benzo(k)fluoranthene	45.0		1	0.48	5.00	ug/L	11/13/25 16:24	PB170473
50-32-8	Benzo(a)pyrene	47.1		1	0.55	5.00	ug/L	11/13/25 16:24	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	45.7		1	0.59	5.00	ug/L	11/13/25 16:24	PB170473
53-70-3	Dibenzo(a,h)anthracene	45.9		1	0.67	5.00	ug/L	11/13/25 16:24	PB170473
191-24-2	Benzo(g,h,i)perylene	46.6		1	0.69	5.00	ug/L	11/13/25 16:24	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	40.9		1	0.52	5.00	ug/L	11/13/25 16:24	PB170473
123-91-1	1,4-Dioxane	39.5		1	1.00	5.00	ug/L	11/13/25 16:24	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	46.2		1	0.72	5.00	ug/L	11/13/25 16:24	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	121			15 (10) - 110 (134)	81%	SPK: 150		
13127-88-3	Phenol-d6	122			15 (10) - 110 (135)	81%	SPK: 150		
4165-60-0	Nitrobenzene-d5	82.0			30 (39) - 130 (138)	82%	SPK: 100		
321-60-8	2-Fluorobiphenyl	78.5			30 (52) - 130 (132)	79%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	124			15 (44) - 110 (137)	83%	SPK: 150		
1718-51-0	Terphenyl-d14	94.1			30 (42) - 130 (152)	94%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	58800							
1146-65-2	Naphthalene-d8	242000							
15067-26-2	Acenaphthene-d10	135000							
1517-22-2	Phenanthrene-d10	233000							
1719-03-5	Chrysene-d12	118000							
1520-96-3	Perylene-d12	155000							

Raw Data: **BF144246.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170473BSD			SDG No.:	Q3584
Lab Sample ID:	PB170473BSD			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

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

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF144169.D 5 =BF144170.D 10 =BF144171.D 20 =BF144172.D 40 =BF144173.D 50 =BF144174.D 60 =BF144175.D 80 =BF1441
76.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.526	0.487	0.518	0.554	0.500	0.573	0.540	0.528	5.68
3)		Pyridine		1.374	1.406	1.491	1.520	1.378	1.607	1.543	1.474	6.12
4)		n-Nitrosodimet...			0.719	0.726	0.775	0.723	0.868	0.810	0.770	7.79
5)	S	2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.330	1.193	1.278	5.62
6)		Aniline		2.194	2.169	2.114	2.067	1.841	2.139	1.920	2.063	6.46
7)	S	Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.461	1.339	1.448	7.08
8)		2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.293	1.204	1.253	4.59
9)		Benzaldehyde			1.033	0.917	0.816	0.672	0.786	0.683	0.818	16.99
10)	C	Phenol		1.845	1.896	1.840	1.858	1.562	1.790	1.594	1.769	7.60
11)		bis(2-Chloroet...		1.278	1.333	1.342	1.316	1.155	1.341	1.259	1.289	5.22
12)		1,3-Dichlorobe...		1.677	1.573	1.583	1.541	1.397	1.586	1.468	1.547	5.86
13)	C	1,4-Dichlorobe...		1.669	1.563	1.583	1.591	1.372	1.604	1.464	1.549	6.40
14)		1,2-Dichlorobe...		1.651	1.510	1.488	1.485	1.325	1.533	1.404	1.485	6.88
15)		Benzyl Alcohol			1.140	1.188	1.161	1.050	1.197	1.145	1.147	4.61
16)		2,2'-oxybis(1-...		2.408	2.470	2.496	2.418	2.147	2.442	2.238	2.374	5.50
17)		2-Methylphenol		1.031	1.054	1.007	1.033	0.895	1.002	0.958	0.997	5.44
18)		Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.543	0.504	0.515	4.90
19)	P	n-Nitroso-di-n...	0.998	1.010	1.023	0.996	0.950	0.813	0.937	0.900	0.953	7.38
20)		3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	1.080	1.175	9.16
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.479	0.464	0.434	0.434	0.380	0.421	0.391	0.429	8.34
23)	S	Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.361	0.338	0.346	4.07
24)		Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.398	0.368	0.376	4.90
25)		Isophorone		0.659	0.668	0.669	0.673	0.581	0.675	0.659	0.655	5.05
26)	C	2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.200	0.186	0.186	6.47
27)		2,4-Dimethylph...		0.281	0.278	0.265	0.298	0.260	0.295	0.275	0.279	5.08
28)		bis(2-Chloroet...		0.426	0.417	0.412	0.423	0.372	0.423	0.390	0.409	5.02
29)	C	2,4-Dichloroph...		0.334	0.342	0.330	0.331	0.289	0.326	0.297	0.322	6.20
30)		1,2,4-Trichlor...		0.350	0.349	0.332	0.337	0.296	0.335	0.312	0.330	5.96
31)		Naphthalene		1.019	1.008	0.982	0.969	0.850	0.952	0.880	0.951	6.71
32)		Benzoic acid			0.268	0.220	0.180	0.165	0.190	0.204	0.204	17.90
33)		4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.355	0.326	0.347	6.07
34)	C	Hexachlorobuta...		0.256	0.250	0.252	0.259	0.232	0.254	0.238	0.249	4.03
35)		Caprolactam			0.094	0.093	0.092	0.075	0.087	0.088	0.088	8.10
36)	C	4-Chloro-3-met...		0.283	0.307	0.304	0.297	0.259	0.290	0.277	0.288	5.77
37)		2-Methylnaphth...		0.702	0.672	0.665	0.647	0.559	0.623	0.583	0.636	7.98
38)		1-Methylnaphth...		0.667	0.681	0.632	0.620	0.536	0.600	0.561	0.614	8.61

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.677	0.662	0.659	0.675	0.588	0.716	0.611	0.655	6.57
41)	P	Hexachlorocycl...		0.121	0.142	0.200	0.204	0.253	0.248	0.195	27.78
42)	S	2,4,6-Tribromo...	0.242	0.257	0.257	0.265	0.227	0.261	0.249	0.251	5.27
43)	C	2,4,6-Trichlor...	0.440	0.449	0.449	0.456	0.409	0.489	0.431	0.446	5.49
44)		2,4,5-Trichlor...	0.497	0.489	0.497	0.489	0.438	0.502	0.456	0.481	5.05
45)	S	2-Fluorobiphenyl	1.598	1.428	1.361	1.350	1.177	1.381	1.183	1.354	10.72
46)		1,1'-Biphenyl	1.535	1.446	1.425	1.408	1.239	1.450	1.270	1.396	7.52
47)		2-Chloronaphth...	1.303	1.216	1.206	1.204	1.068	1.252	1.087	1.191	7.12
48)		2-Nitroaniline	0.302	0.347	0.349	0.361	0.326	0.374	0.345	0.344	6.84
49)		Acenaphthylene	1.727	1.686	1.677	1.645	1.440	1.678	1.506	1.623	6.57
50)		Dimethylphthalate	1.437	1.343	1.359	1.345	1.168	1.375	1.247	1.325	6.71
51)		2,6-Dinitrotol...	0.251	0.271	0.271	0.276	0.252	0.290	0.266	0.268	5.16
52)	C	Acenaphthene	1.138	1.162	1.120	1.096	0.956	1.117	1.007	1.085	6.90
53)		3-Nitroaniline	0.271	0.301	0.302	0.315	0.264	0.316	0.283	0.293	7.07
54)	P	2,4-Dinitrophenol		0.202	0.166	0.140	0.133	0.168	0.164	0.162	14.99
55)		Dibenzofuran	1.644	1.600	1.586	1.551	1.337	1.562	1.359	1.520	7.99
56)	P	4-Nitrophenol		0.273	0.202	0.204	0.185	0.211	0.198	0.212	14.64
57)		2,4-Dinitrotol...	0.322	0.377	0.372	0.385	0.328	0.377	0.353	0.359	7.07
58)		Fluorene	1.295	1.223	1.197	1.180	0.997	1.149	1.048	1.156	8.88
59)		2,3,4,6-Tetrac...	0.308	0.347	0.336	0.358	0.316	0.372	0.345	0.340	6.58
60)		Diethylphthalate	1.294	1.273	1.254	1.254	1.075	1.237	1.163	1.221	6.27
61)		4-Chlorophenyl...	0.711	0.701	0.678	0.685	0.570	0.659	0.605	0.658	7.92
62)		4-Nitroaniline	0.273	0.290	0.293	0.288	0.254	0.288	0.268	0.279	5.10
63)		Azobenzene	1.157	1.203	1.145	1.164	0.995	1.197	1.096	1.137	6.33
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.147	0.138	0.130	0.120	0.142	0.138	0.136	6.99
66)	c	n-Nitrosodiphe...	0.695	0.676	0.635	0.646	0.577	0.660	0.614	0.643	6.12
67)		4-Bromophenyl-...	0.264	0.260	0.255	0.263	0.228	0.266	0.252	0.255	5.18
68)		Hexachlorobenzene	0.306	0.306	0.305	0.300	0.273	0.319	0.296	0.301	4.74
69)		Atrazine	0.215	0.211	0.215	0.206	0.180	0.210	0.196	0.205	6.26
70)	C	Pentachlorophenol		0.135	0.144	0.156	0.137	0.162	0.165	0.150	8.76
71)		Phenanthrene	1.103	1.042	0.986	1.009	0.892	1.003	0.937	0.996	6.87
72)		Anthracene	1.120	1.059	1.027	1.022	0.897	1.027	0.936	1.013	7.37
73)		Carbazole	0.938	0.917	0.882	0.878	0.762	0.854	0.794	0.861	7.36
74)		Di-n-butylphth...	1.075	1.101	1.077	1.070	0.917	1.059	0.986	1.041	6.27
75)	C	Fluoranthene	1.117	1.066	1.053	1.054	0.910	1.043	0.958	1.029	6.84
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.707	0.519	0.624	0.512	0.635	0.553	0.592	12.98
78)		Pyrene	1.763	1.745	1.631	1.704	1.372	1.569	1.504	1.613	8.79
79)	S	Terphenyl-d14	1.403	1.415	1.274	1.317	1.042	1.208	1.155	1.259	10.71
80)		Butylbenzylpht...	0.565	0.590	0.550	0.590	0.499	0.570	0.549	0.559	5.60
81)		Benzo(a)anthra...	1.455	1.340	1.330	1.430	1.290	1.493	1.366	1.386	5.37
82)		3,3'-Dichlorob...		0.453	0.461	0.482	0.441	0.532	0.481	0.475	6.77
83)		Chrysene	1.276	1.245	1.279	1.403	1.164	1.326	1.263	1.280	5.72
84)		Bis(2-ethylhex...	0.773	0.739	0.755	0.816	0.705	0.803	0.764	0.765	4.92
85)	c	Di-n-octyl pht...		1.163	1.272	1.410	1.269	1.442	1.364	1.320	7.91

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.450	1.411	1.447	1.485	1.311	1.521	1.425	1.436	4.62
88)		Benzo(b)fluora...	1.199	1.133	1.114	1.233	1.002	1.134	1.143	1.137	6.40
89)		Benzo(k)fluora...	1.077	1.094	1.083	1.041	0.999	1.134	1.021	1.064	4.36
90)	C	Benzo(a)pyrene	1.064	1.050	1.058	1.077	0.963	1.103	1.029	1.049	4.23
91)		Dibenzo(a,h)an...	1.155	1.155	1.175	1.198	1.040	1.209	1.138	1.153	4.85
92)		Benzo(g,h,i)pe...	1.095	1.125	1.153	1.191	1.028	1.228	1.150	1.139	5.70

(#) = Out of Range

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 30 11:51:34 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP026028.D 5 =BP026029.D 10 =BP026030.D 20 =BP026031.D 40 =BP026032.D 50 =BP026033.D 60 =BP026034.D 80 =BP0260
35.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.472	0.567	0.519	0.515	0.453	0.541	0.510	0.511	7.57
3)		Pyridine		1.330	1.538	1.488	1.481	1.304	1.552	1.475	1.453	6.69
4)		n-Nitrosodimet...			0.601	0.591	0.584	0.522	0.611	0.584	0.582	5.39
5)	S	2-Fluorophenol		1.055	1.255	1.234	1.249	1.123	1.318	1.250	1.212	7.44
6)		Aniline		1.893	2.157	2.117	2.112	1.885	2.158	2.091	2.059	5.76
7)	S	Phenol-d6		1.366	1.580	1.574	1.606	1.425	1.644	1.604	1.543	6.77
8)		2-Chlorophenol		1.116	1.354	1.356	1.403	1.262	1.478	1.426	1.342	8.97
9)		Benzaldehyde			0.856	0.937	0.809	0.670	0.796	0.744	0.802	11.45
10)	C	Phenol		1.542	1.771	1.750	1.773	1.568	1.823	1.761	1.713	6.44
11)		bis(2-Chloroet...		1.271	1.434	1.372	1.373	1.228	1.419	1.363	1.352	5.57
12)		1,3-Dichlorobe...		1.466	1.660	1.572	1.573	1.385	1.610	1.524	1.541	6.00
13)	C	1,4-Dichlorobe...		1.491	1.681	1.585	1.578	1.399	1.633	1.542	1.558	5.97
14)		1,2-Dichlorobe...		1.412	1.595	1.517	1.515	1.338	1.550	1.481	1.487	5.83
15)		Benzyl Alcohol			1.070	1.099	1.140	1.020	1.179	1.165	1.112	5.47
16)		2,2'-oxybis(1-...		1.978	2.210	2.102	2.099	1.846	2.083	1.982	2.043	5.75
17)		2-Methylphenol		0.958	1.129	1.145	1.175	1.057	1.210	1.176	1.121	7.75
18)		Hexachloroethane		0.481	0.562	0.535	0.552	0.490	0.568	0.546	0.533	6.49
19)	P	n-Nitroso-di-n...	0.795	0.894	1.013	1.016	1.027	0.904	1.025	0.986	0.958	8.83
20)		3+4-Methylphenols			1.521	1.557	1.613	1.430	1.646	1.595	1.560	4.96
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.481	0.548	0.519	0.518	0.455	0.525	0.494	0.506	6.14
23)	S	Nitrobenzene-d5		0.256	0.317	0.327	0.338	0.306	0.359	0.343	0.321	10.34
24)		Nitrobenzene		0.282	0.345	0.346	0.357	0.317	0.371	0.354	0.339	8.83
25)		Isophorone		0.606	0.721	0.705	0.720	0.632	0.730	0.693	0.687	7.03
26)	C	2-Nitrophenol		0.069	0.092	0.107	0.128	0.124			0.104	23.21
27)		2,4-Dimethylph...		0.243	0.306	0.281	0.302	0.269	0.315	0.305	0.289	8.90
28)		bis(2-Chloroet...		0.406	0.466	0.436	0.447	0.396	0.451	0.427	0.433	5.79
29)	C	2,4-Dichloroph...		0.241	0.302	0.308	0.327	0.292	0.340	0.324	0.305	10.75
30)		1,2,4-Trichlor...		0.306	0.361	0.337	0.339	0.301	0.347	0.328	0.331	6.52
31)		Naphthalene		1.039	1.181	1.121	1.115	0.978	1.137	1.063	1.091	6.28
32)		Benzoic acid			0.100	0.127	0.168	0.162	0.206	0.213	0.163	26.84
33)		4-Chloroaniline		0.374	0.440	0.427	0.437	0.384	0.445	0.427	0.419	6.80
34)	C	Hexachlorobuta...		0.198	0.231	0.209	0.216	0.190	0.222	0.207	0.211	6.70
35)		Caprolactam			0.099	0.103	0.113	0.099	0.116	0.112	0.107	6.98
36)	C	4-Chloro-3-met...		0.257	0.314	0.325	0.345	0.303	0.356	0.337	0.320	10.33
37)		2-Methylnaphth...		0.717	0.823	0.771	0.795	0.694	0.793	0.750	0.763	6.02
38)		1-Methylnaphth...		0.709	0.801	0.754	0.768	0.663	0.770	0.726	0.742	6.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.574	0.670	0.637	0.632	0.565	0.654	0.619	0.621	6.33
41)	P	Hexachlorocycl...		0.200	0.198	0.237	0.218	0.260	0.251	0.227	11.46
42)	S	2,4,6-Tribromo...	0.155	0.211	0.218	0.236	0.209	0.250	0.234	0.216	14.19
43)	C	2,4,6-Trichlor...	0.256	0.342	0.372	0.402	0.360	0.427	0.413	0.367	15.70
44)		2,4,5-Trichlor...	0.309	0.414	0.425	0.456	0.405	0.469	0.456	0.419	12.90
45)	S	2-Fluorobiphenyl	1.350	1.549	1.454	1.421	1.231	1.432	1.307	1.392	7.53
46)		1,1'-Biphenyl	1.454	1.673	1.577	1.560	1.378	1.585	1.493	1.531	6.36
47)		2-Chloronaphth...	1.130	1.304	1.248	1.229	1.090	1.253	1.180	1.205	6.23
48)		2-Nitroaniline	0.166	0.226	0.269	0.304	0.277	0.332	0.329	0.272	21.95
49)		Acenaphthylene	1.547	1.845	1.832	1.832	1.618	1.876	1.742	1.756	7.23
50)		Dimethylphthalate	1.282	1.574	1.491	1.522	1.323	1.554	1.438	1.455	7.81
51)		2,6-Dinitrotol...	0.142	0.196	0.234	0.264	0.245	0.294	0.287	0.237	22.61
52)	C	Acenaphthene	1.101	1.285	1.247	1.249	1.089	1.278	1.192	1.206	6.77
53)		3-Nitroaniline	0.177	0.254	0.296	0.324	0.295	0.351	0.342	0.291	20.65
54)	P	2,4-Dinitrophenol		0.069	0.082	0.100	0.096	0.123	0.126	0.100	22.44
55)		Dibenzofuran	1.725	1.997	1.886	1.869	1.614	1.884	1.776	1.822	6.94
56)	P	4-Nitrophenol		0.277	0.309	0.285	0.258	0.310	0.301	0.290	7.04
57)		2,4-Dinitrotol...	0.195	0.288	0.340	0.393	0.360	0.433	0.418	0.347	23.95
58)		Fluorene	1.347	1.621	1.501	1.450	1.260	1.492	1.319	1.427	8.77
59)		2,3,4,6-Tetrac...	0.223	0.303	0.332	0.364	0.328	0.386	0.370	0.330	16.67
60)		Diethylphthalate	1.240	1.570	1.484	1.549	1.350	1.591	1.454	1.463	8.74
61)		4-Chlorophenyl...	0.699	0.803	0.736	0.731	0.623	0.739	0.658	0.713	8.29
62)		4-Nitroaniline	0.207	0.294	0.328	0.342	0.298	0.368	0.339	0.311	16.92
63)		Azobenzene	1.206	1.475	1.365	1.379	1.188	1.387	1.279	1.325	7.90
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.053	0.065	0.076	0.075	0.096	0.096	0.077	22.06
66)	c	n-Nitrosodiphe...	0.574	0.678	0.641	0.647	0.567	0.659	0.611	0.625	6.80
67)		4-Bromophenyl-...	0.206	0.234	0.222	0.228	0.204	0.237	0.222	0.222	5.77
68)		Hexachlorobenzene	0.239	0.273	0.256	0.258	0.226	0.268	0.247	0.253	6.53
69)		Atrazine	0.177	0.213	0.221	0.219	0.193	0.239	0.216	0.211	9.57
70)	C	Pentachlorophenol		0.126	0.143	0.161	0.148	0.178	0.170	0.154	12.39
71)		Phenanthrene	1.133	1.288	1.209	1.189	1.031	1.195	1.105	1.164	7.12
72)		Anthracene	1.064	1.262	1.195	1.177	1.044	1.220	1.115	1.154	7.09
73)		Carbazole	0.985	1.172	1.164	1.129	0.969	1.148	1.078	1.092	7.74
74)		Di-n-butylphth...	0.937	1.219	1.241	1.333	1.196	1.378	1.252	1.222	11.57
75)	C	Fluoranthene	1.259	1.469	1.426	1.411	1.224	1.422	1.295	1.358	7.09
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.411	0.508	0.517	0.451	0.598	0.560	0.508	13.50
78)		Pyrene	1.201	1.488	1.395	1.427	1.217	1.431	1.310	1.353	8.25
79)	S	Terphenyl-d14	0.953	1.125	1.013	1.014	0.860	1.019	0.908	0.984	8.77
80)		Butylbenzylpht...	0.235	0.337	0.407	0.496	0.468	0.559	0.520	0.432	26.44
81)		Benzo(a)anthra...	1.279	1.497	1.407	1.420	1.224	1.443	1.350	1.374	6.97
82)		3,3'-Dichlorob...		0.390	0.424	0.462	0.416	0.497	0.467	0.443	8.87
83)		Chrysene	1.210	1.424	1.348	1.345	1.169	1.349	1.268	1.302	6.92
84)		Bis(2-ethylhex...	0.453	0.613	0.690	0.829	0.768	0.866	0.808	0.718	20.27
85)	c	Di-n-octyl pht...		0.822	1.025	1.287	1.238	1.407	1.364	1.191	18.86

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.190	1.491	1.538	1.563	1.369	1.629	1.555	1.477	10.15
88)		Benzo(b)fluora...	1.074	1.277	1.278	1.306	1.149	1.345	1.262	1.242	7.67
89)		Benzo(k)fluora...	1.119	1.365	1.306	1.331	1.141	1.347	1.267	1.268	7.86
90)	C	Benzo(a)pyrene	0.941	1.169	1.171	1.210	1.054	1.253	1.186	1.141	9.38
91)		Dibenzo(a,h)an...	0.978	1.219	1.249	1.274	1.117	1.320	1.255	1.202	9.72
92)		Benzo(g,h,i)pe...	0.966	1.167	1.219	1.212	1.068	1.259	1.204	1.156	8.92

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

Instrument ID: BNA_F Calibration Date/Time: 11/11/2025 10:09

Lab File ID: BF144198.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.343		5.1	
Benzaldehyde	0.818	1.141		39.5	
Phenol-d6	1.448	1.461		0.9	
Phenol	1.769	1.799		1.7	20.0
bis(2-Chloroethyl)ether	1.289	1.325		2.8	
2-Chlorophenol	1.253	1.308		4.4	
2-Methylphenol	0.997	1.026		2.9	
2,2-oxybis(1-Chloropropane)	2.374	2.513		5.9	
Acetophenone	0.429	0.431		0.5	
3+4-Methylphenols	1.175	1.170		-0.4	
n-Nitroso-di-n-propylamine	0.953	0.933	0.050	-2.1	
Nitrobenzene-d5	0.346	0.361		4.3	
Hexachloroethane	0.515	0.537		4.3	
Nitrobenzene	0.376	0.395		5.1	
Isophorone	0.655	0.684		4.4	
2-Nitrophenol	0.186	0.194		4.3	20.0
2,4-Dimethylphenol	0.279	0.291		4.3	
bis(2-Chloroethoxy)methane	0.409	0.435		6.4	
2,4-Dichlorophenol	0.322	0.330		2.5	20.0
Naphthalene	0.951	0.984		3.5	
4-Chloroaniline	0.347	0.357		2.9	
Hexachlorobutadiene	0.249	0.256		2.8	20.0
Caprolactam	0.088	0.087		-1.1	
4-Chloro-3-methylphenol	0.288	0.299		3.8	20.0
2-Methylnaphthalene	0.636	0.648		1.9	
Hexachlorocyclopentadiene	0.195	0.194	0.050	-0.5	
2,4,6-Trichlorophenol	0.446	0.456		2.2	20.0
2-Fluorobiphenyl	1.354	1.339		-1.1	
2,4,5-Trichlorophenol	0.481	0.474		-1.5	
1,1-Biphenyl	1.396	1.427		2.2	
2-Chloronaphthalene	1.191	1.218		2.3	
2-Nitroaniline	0.344	0.376		9.3	
Dimethylphthalate	1.325	1.353		2.1	
Acenaphthylene	1.623	1.647		1.5	
2,6-Dinitrotoluene	0.268	0.287		7.1	
3-Nitroaniline	0.293	0.295		0.7	
Acenaphthene	1.085	1.099		1.3	20.0
2,4-Dinitrophenol	0.162	0.138	0.050	-14.8	
4-Nitrophenol	0.212	0.184	0.050	-13.2	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

Instrument ID: BNA_F Calibration Date/Time: 11/11/2025 10:09

Lab File ID: BF144198.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.520	1.519		-0.1	
2,4-Dinitrotoluene	0.359	0.366		2.0	
Diethylphthalate	1.221	1.241		1.6	
4-Chlorophenyl-phenylether	0.658	0.656		-0.3	
Fluorene	1.156	1.167		1.0	
4-Nitroaniline	0.279	0.287		2.9	
4,6-Dinitro-2-methylphenol	0.136	0.126		-7.4	
n-Nitrosodiphenylamine	0.643	0.657		2.2	20.0
2,4,6-Tribromophenol	0.251	0.243		-3.2	
4-Bromophenyl-phenylether	0.255	0.262		2.7	
Hexachlorobenzene	0.301	0.309		2.7	
Atrazine	0.205	0.205		0.0	
Pentachlorophenol	0.150	0.138		-8.0	20.0
Phenanthrene	0.996	0.987		-0.9	
Anthracene	1.013	1.019		0.6	
Carbazole	0.861	0.852		-1.0	
Di-n-butylphthalate	1.041	1.049		0.8	
Fluoranthene	1.029	1.014		-1.5	20.0
Pyrene	1.613	1.566		-2.9	
Terphenyl-d14	1.259	1.207		-4.1	
Butylbenzylphthalate	0.559	0.578		3.4	
3,3-Dichlorobenzidine	0.475	0.493		3.8	
Benzo(a)anthracene	1.386	1.437		3.6	
Chrysene	1.280	1.280		0.0	
Bis(2-ethylhexyl)phthalate	0.765	0.811		6.0	
Di-n-octyl phthalate	1.320	1.415		7.2	20.0
Benzo(b)fluoranthene	1.137	1.103		-3.0	
Benzo(k)fluoranthene	1.064	1.090		2.4	
Benzo(a)pyrene	1.049	1.050		0.1	20.0
Indeno(1,2,3-cd)pyrene	1.436	1.464		2.0	
Dibenzo(a,h)anthracene	1.153	1.177		2.1	
Benzo(g,h,i)perylene	1.139	1.175		3.1	
1,2,4,5-Tetrachlorobenzene	0.655	0.671		2.4	
1,4-Dioxane	0.528	0.547		3.6	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.347		2.1	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

Instrument ID: BNA_F Calibration Date/Time: 11/13/2025 14:56

Lab File ID: BF144243.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.375		7.6	
Benzaldehyde	0.818	1.206		47.4	
Phenol-d6	1.448	1.526		5.4	
Phenol	1.769	1.913		8.1	20.0
bis(2-Chloroethyl)ether	1.289	1.402		8.8	
2-Chlorophenol	1.253	1.324		5.7	
2-Methylphenol	0.997	1.056		5.9	
2,2-oxybis(1-Chloropropane)	2.374	2.549		7.4	
Acetophenone	0.429	0.434		1.2	
3+4-Methylphenols	1.175	1.224		4.2	
n-Nitroso-di-n-propylamine	0.953	0.975	0.050	2.3	
Nitrobenzene-d5	0.346	0.362		4.6	
Hexachloroethane	0.515	0.540		4.9	
Nitrobenzene	0.376	0.391		4.0	
Isophorone	0.655	0.679		3.7	
2-Nitrophenol	0.186	0.202		8.6	20.0
2,4-Dimethylphenol	0.279	0.291		4.3	
bis(2-Chloroethoxy)methane	0.409	0.424		3.7	
2,4-Dichlorophenol	0.322	0.334		3.7	20.0
Naphthalene	0.951	0.964		1.4	
4-Chloroaniline	0.347	0.363		4.6	
Hexachlorobutadiene	0.249	0.251		0.8	20.0
Caprolactam	0.088	0.092		4.5	
4-Chloro-3-methylphenol	0.288	0.303		5.2	20.0
2-Methylnaphthalene	0.636	0.635		-0.2	
Hexachlorocyclopentadiene	0.195	0.295	0.050	51.3	
2,4,6-Trichlorophenol	0.446	0.457		2.5	20.0
2-Fluorobiphenyl	1.354	1.327		-2.0	
2,4,5-Trichlorophenol	0.481	0.480		-0.2	
1,1-Biphenyl	1.396	1.417		1.5	
2-Chloronaphthalene	1.191	1.193		0.2	
2-Nitroaniline	0.344	0.381		10.8	
Dimethylphthalate	1.325	1.363		2.9	
Acenaphthylene	1.623	1.644		1.3	
2,6-Dinitrotoluene	0.268	0.291		8.6	
3-Nitroaniline	0.293	0.319		8.9	
Acenaphthene	1.085	1.166		7.5	20.0
2,4-Dinitrophenol	0.162	0.249	0.050	53.7	
4-Nitrophenol	0.212	0.206	0.050	-2.8	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

Instrument ID: BNA_F Calibration Date/Time: 11/13/2025 14:56

Lab File ID: BF144243.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.520	1.540		1.3	
2,4-Dinitrotoluene	0.359	0.390		8.6	
Diethylphthalate	1.221	1.251		2.5	
4-Chlorophenyl-phenylether	0.658	0.647		-1.7	
Fluorene	1.156	1.154		-0.2	
4-Nitroaniline	0.279	0.290		3.9	
4,6-Dinitro-2-methylphenol	0.136	0.142		4.4	
n-Nitrosodiphenylamine	0.643	0.669		4.0	20.0
2,4,6-Tribromophenol	0.251	0.249		-0.8	
4-Bromophenyl-phenylether	0.255	0.263		3.1	
Hexachlorobenzene	0.301	0.300		-0.3	
Atrazine	0.205	0.190		-7.3	
Pentachlorophenol	0.150	0.146		-2.7	20.0
Phenanthrene	0.996	1.007		1.1	
Anthracene	1.013	1.027		1.4	
Carbazole	0.861	0.857		-0.5	
Di-n-butylphthalate	1.041	0.988		-5.1	
Fluoranthene	1.029	0.976		-5.2	20.0
Pyrene	1.613	1.773		9.9	
Terphenyl-d14	1.259	1.311		4.1	
Butylbenzylphthalate	0.559	0.572		2.3	
3,3-Dichlorobenzidine	0.475	0.477		0.4	
Benzo(a)anthracene	1.386	1.424		2.7	
Chrysene	1.280	1.371		7.1	
Bis(2-ethylhexyl)phthalate	0.765	0.734		-4.1	
Di-n-octyl phthalate	1.320	1.279		-3.1	20.0
Benzo(b)fluoranthene	1.137	1.144		0.6	
Benzo(k)fluoranthene	1.064	1.069		0.5	
Benzo(a)pyrene	1.049	1.055		0.6	20.0
Indeno(1,2,3-cd)pyrene	1.436	1.481		3.1	
Dibenzo(a,h)anthracene	1.153	1.199		4.0	
Benzo(g,h,i)perylene	1.139	1.197		5.1	
1,2,4,5-Tetrachlorobenzene	0.655	0.656		0.2	
1,4-Dioxane	0.528	0.556		5.3	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.352		3.5	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

Instrument ID: BNA_P Calibration Date/Time: 11/11/2025 14:44

Lab File ID: BP026090.D Init. Calib. Date(s): 10/29/2025 10/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.212	1.264		4.3	
Benzaldehyde	0.802	0.731		-8.9	
Phenol-d6	1.543	1.614		4.6	
Phenol	1.713	1.746		1.9	20.0
bis(2-Chloroethyl)ether	1.352	1.365		1.0	
2-Chlorophenol	1.342	1.449		8.0	
2-Methylphenol	1.121	1.171		4.5	
2,2-oxybis(1-Chloropropane)	2.043	1.910		-6.5	
Acetophenone	0.506	0.507		0.2	
3+4-Methylphenols	1.560	1.626		4.2	
n-Nitroso-di-n-propylamine	0.958	0.999	0.050	4.3	
Nitrobenzene-d5	0.321	0.350		9.0	
Hexachloroethane	0.533	0.569		6.8	
Nitrobenzene	0.339	0.359		5.9	
Isophorone	0.687	0.710		3.3	
2-Nitrophenol	0.104	0.185		77.9	20.0
2,4-Dimethylphenol	0.289	0.300		3.8	
bis(2-Chloroethoxy)methane	0.433	0.445		2.8	
2,4-Dichlorophenol	0.305	0.340		11.5	20.0
Naphthalene	1.091	1.100		0.8	
4-Chloroaniline	0.419	0.430		2.6	
Hexachlorobutadiene	0.211	0.223		5.7	20.0
Caprolactam	0.107	0.117		9.3	
4-Chloro-3-methylphenol	0.320	0.353		10.3	20.0
2-Methylnaphthalene	0.763	0.781		2.4	
Hexachlorocyclopentadiene	0.227	0.287	0.050	26.4	
2,4,6-Trichlorophenol	0.367	0.434		18.3	20.0
2-Fluorobiphenyl	1.392	1.380		-0.9	
2,4,5-Trichlorophenol	0.419	0.475		13.4	
1,1-Biphenyl	1.531	1.524		-0.5	
2-Chloronaphthalene	1.205	1.209		0.3	
2-Nitroaniline	0.272	0.334		22.8	
Dimethylphthalate	1.455	1.529		5.1	
Acenaphthylene	1.756	1.763		0.4	
2,6-Dinitrotoluene	0.237	0.310		30.8	
3-Nitroaniline	0.291	0.359		23.4	
Acenaphthene	1.206	1.180		-2.2	20.0
2,4-Dinitrophenol	0.100	0.159	0.050	59.0	
4-Nitrophenol	0.290	0.317	0.050	9.3	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

Instrument ID: BNA_P Calibration Date/Time: 11/11/2025 14:44

Lab File ID: BP026090.D Init. Calib. Date(s): 10/29/2025 10/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.822	1.817		-0.3	
2,4-Dinitrotoluene	0.347	0.459		32.3	
Diethylphthalate	1.463	1.536		5.0	
4-Chlorophenyl-phenylether	0.713	0.734		2.9	
Fluorene	1.427	1.432		0.3	
4-Nitroaniline	0.311	0.370		19.0	
4,6-Dinitro-2-methylphenol	0.077	0.116		50.6	
n-Nitrosodiphenylamine	0.625	0.623		-0.3	20.0
2,4,6-Tribromophenol	0.216	0.265		22.7	
4-Bromophenyl-phenylether	0.222	0.233		5.0	
Hexachlorobenzene	0.253	0.264		4.3	
Atrazine	0.211	0.223		5.7	
Pentachlorophenol	0.154	0.182		18.2	20.0
Phenanthrene	1.164	1.133		-2.7	
Anthracene	1.154	1.149		-0.4	
Carbazole	1.092	1.094		0.2	
Di-n-butylphthalate	1.222	1.365		11.7	
Fluoranthene	1.358	1.371		1.0	20.0
Pyrene	1.353	1.374		1.6	
Terphenyl-d14	0.984	0.992		0.8	
Butylbenzylphthalate	0.432	0.610		41.2	
3,3-Dichlorobenzidine	0.443	0.491		10.8	
Benzo(a)anthracene	1.374	1.392		1.3	
Chrysene	1.302	1.303		0.1	
Bis(2-ethylhexyl)phthalate	0.718	0.915		27.4	
Di-n-octyl phthalate	1.191	1.622		36.2	20.0
Benzo(b)fluoranthene	1.242	1.261		1.5	
Benzo(k)fluoranthene	1.268	1.232		-2.8	
Benzo(a)pyrene	1.141	1.172		2.7	20.0
Indeno(1,2,3-cd)pyrene	1.476	1.518		2.8	
Dibenzo(a,h)anthracene	1.202	1.234		2.7	
Benzo(g,h,i)perylene	1.156	1.176		1.7	
1,2,4,5-Tetrachlorobenzene	0.621	0.638		2.7	
1,4-Dioxane	0.511	0.508		-0.6	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.408		23.6	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

Quant Time: Nov 12 01:47:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

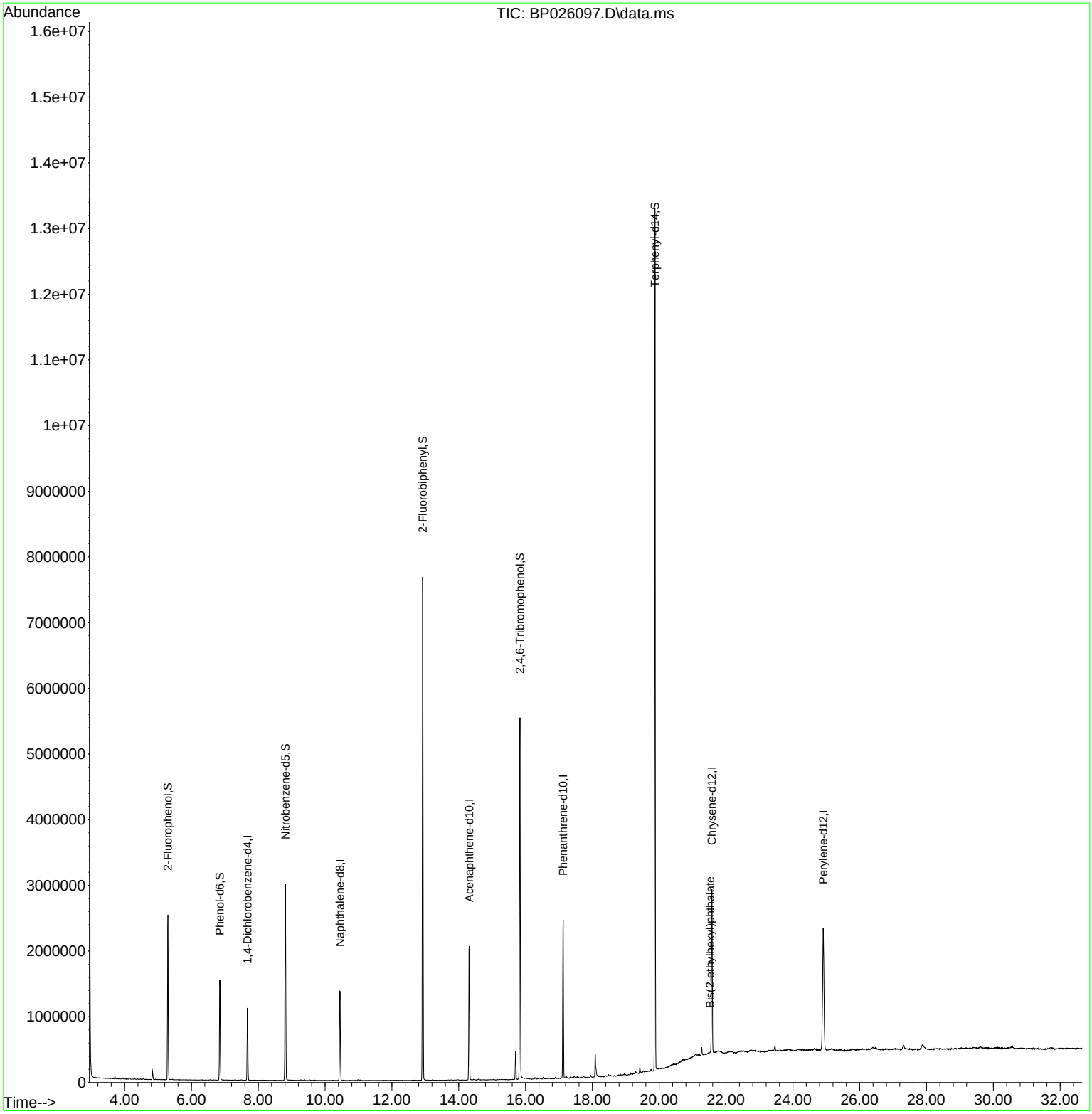
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	317671	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1227246	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	744904	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1502755	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1662918	20.000	ng	0.01
86) Perylene-d12	24.907	264	1971522	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1133623	58.884	ng	0.00
7) Phenol-d6	6.849	99	894334	36.498	ng	0.00
23) Nitrobenzene-d5	8.813	82	1698232	86.264	ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	1188197	147.545	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4033988	77.816	ng	-0.01
79) Terphenyl-d14	19.872	244	6633340	81.043	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.525	149	13346	2.786	ng	# 85

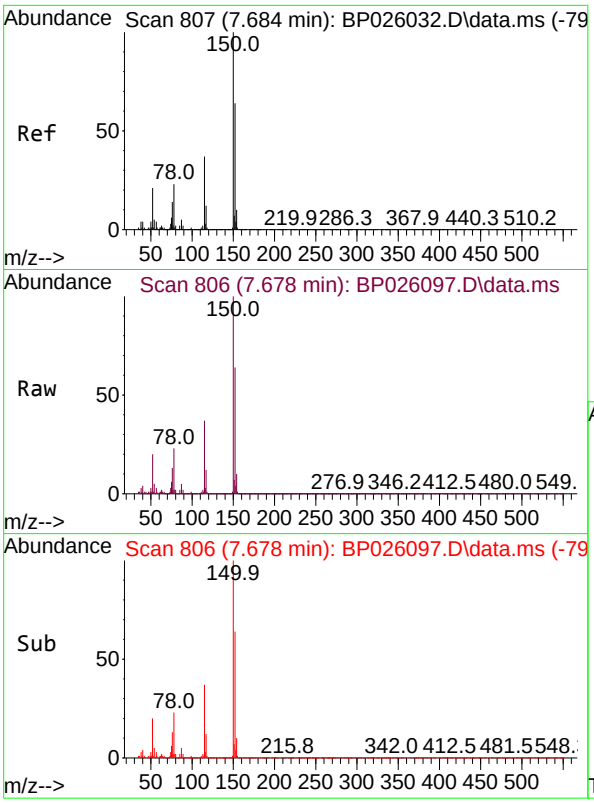
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

Quant Time: Nov 12 01:47:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



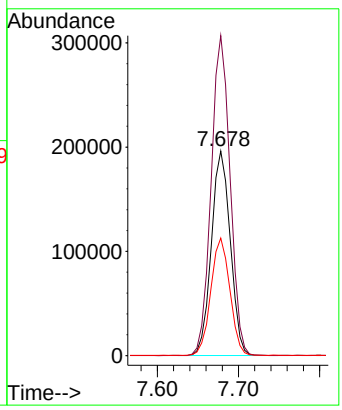


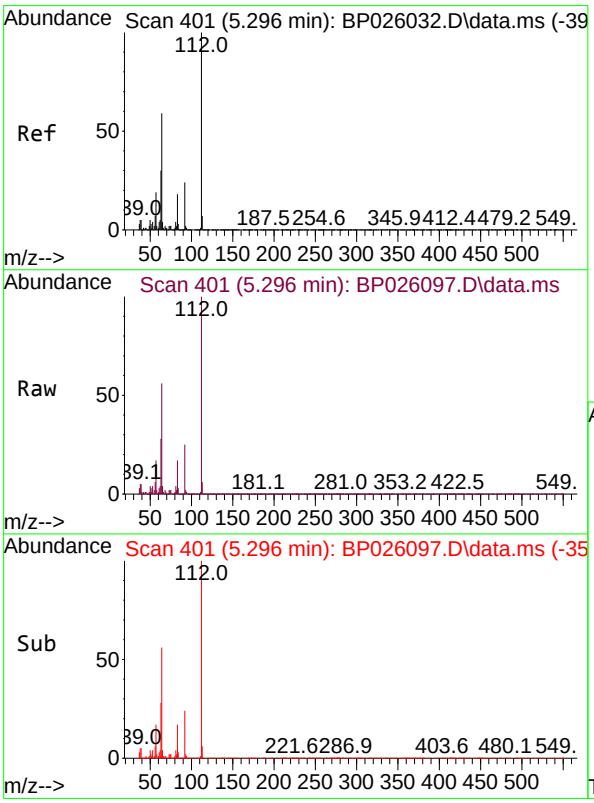
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Instrument :
BNA_P
ClientSampleId :
SW-1

Tgt Ion:152 Resp: 317671

Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.7	188.5
115	57.5	46.4	69.6

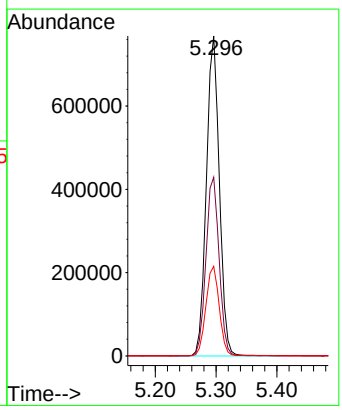


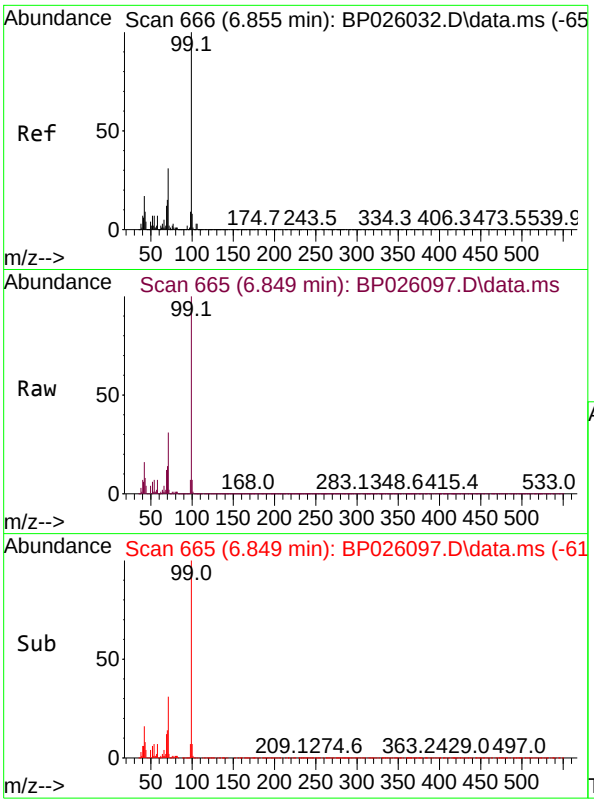


#5
2-Fluorophenol
Concen: 58.884 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion:112 Resp: 1133623

Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.4	71.2
63	28.0	24.2	36.4



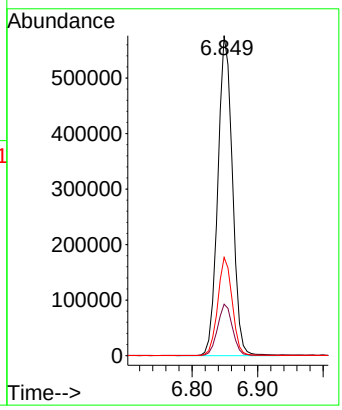


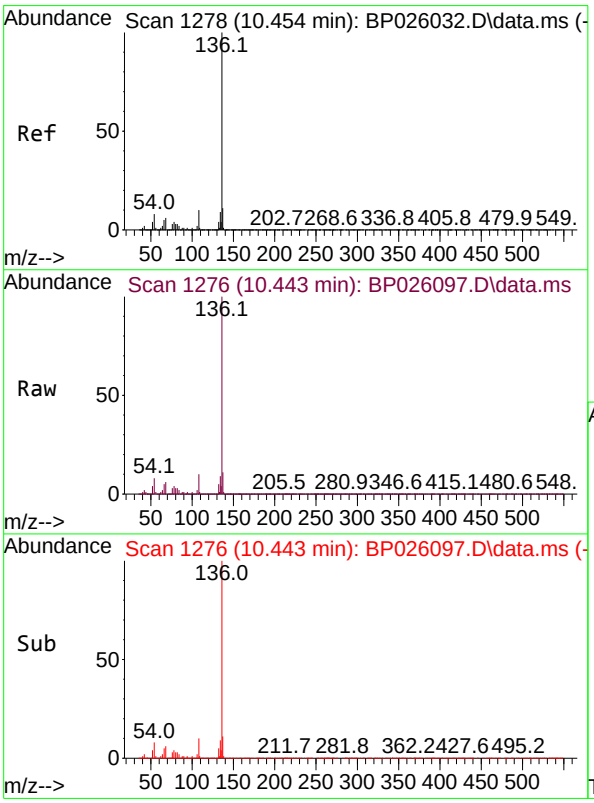
#7
Phenol-d6
Concen: 36.498 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Instrument :
BNA_P
ClientSampleId :
SW-1

Tgt Ion: 99 Resp: 894334

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.7	20.5
71	30.7	24.4	36.6

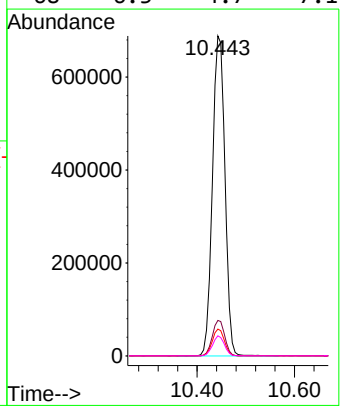


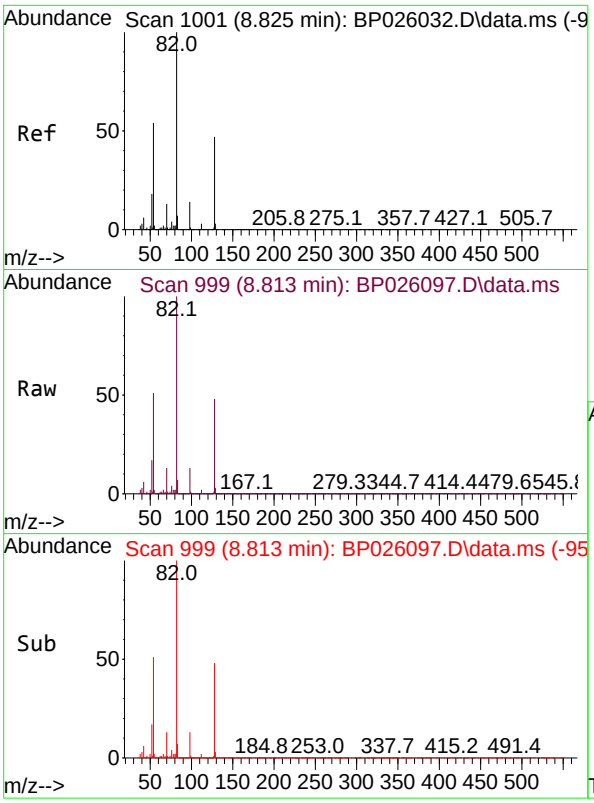


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion:136 Resp: 1227246

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.4	6.6	10.0
68	6.3	4.7	7.1



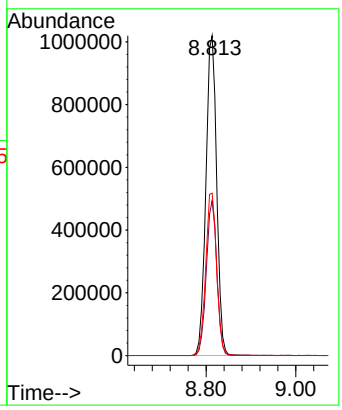


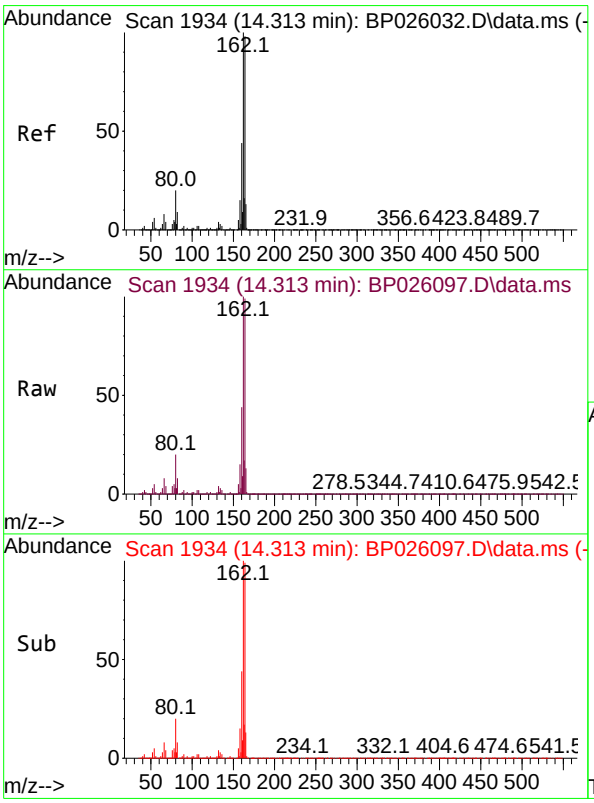
#23
Nitrobenzene-d5
Concen: 86.264 ng
RT: 8.813 min Scan# 99
Delta R.T. -0.011 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Instrument :
BNA_P
ClientSampleId :
SW-1

Tgt Ion: 82 Resp: 1698232

Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.4	56.0
54	50.8	42.7	64.1

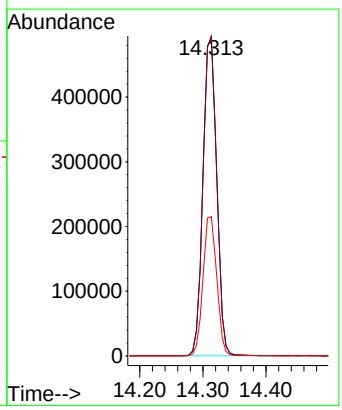


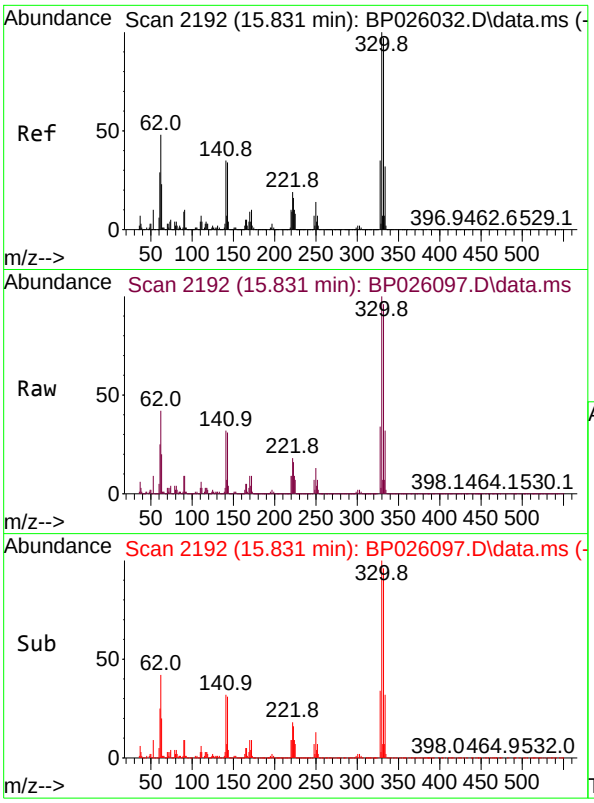


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion:164 Resp: 744904

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.5	122.3
160	43.8	36.2	54.4



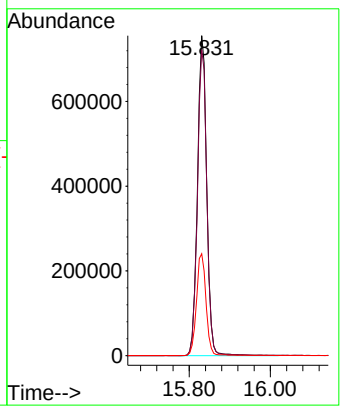


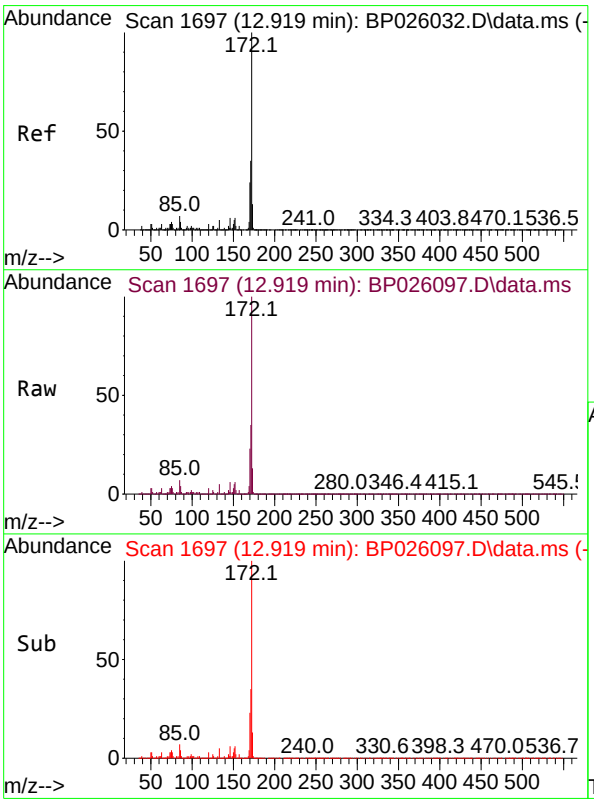
#42
2,4,6-Tribromophenol
Concen: 147.545 ng
RT: 15.831 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Instrument :
BNA_P
ClientSampleId :
SW-1

Tgt Ion:330 Resp: 1188197

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	32.8	28.6	42.8

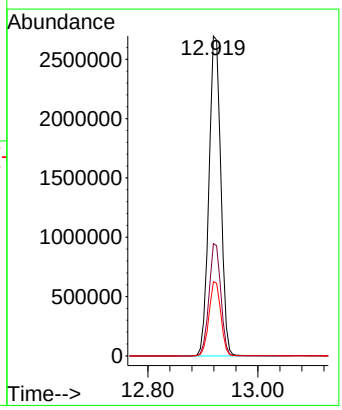


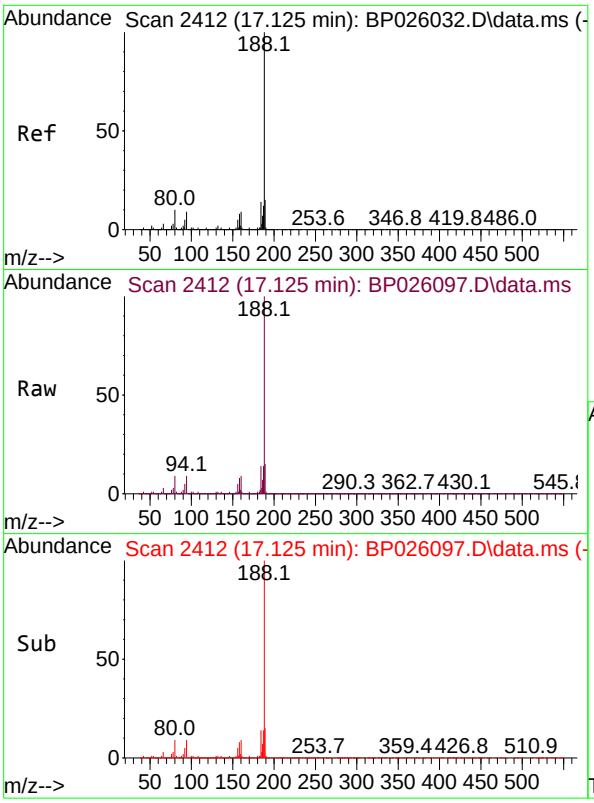


#45
2-Fluorobiphenyl
Concen: 77.816 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion:172 Resp: 4033988

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.2	19.0	28.4



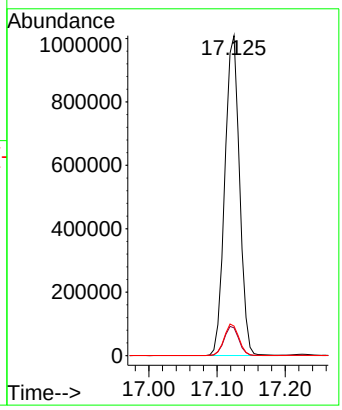


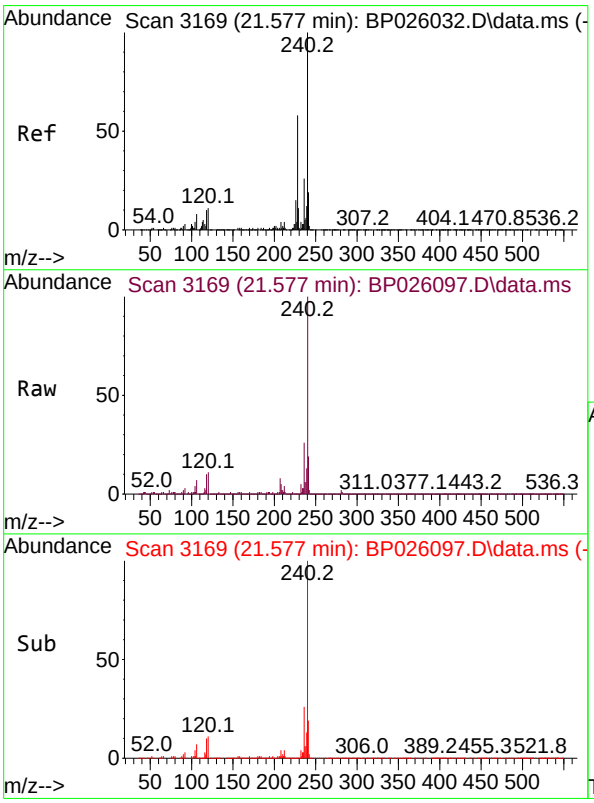
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Instrument :
BNA_P
ClientSampleId :
SW-1

Tgt Ion:188 Resp: 1502755

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.1	10.7
80	9.2	7.9	11.9

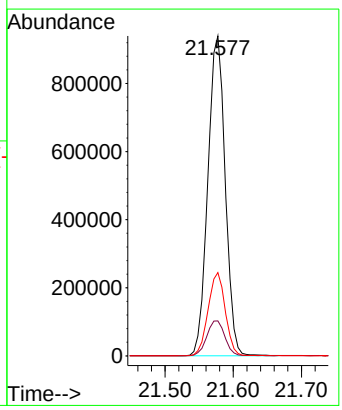


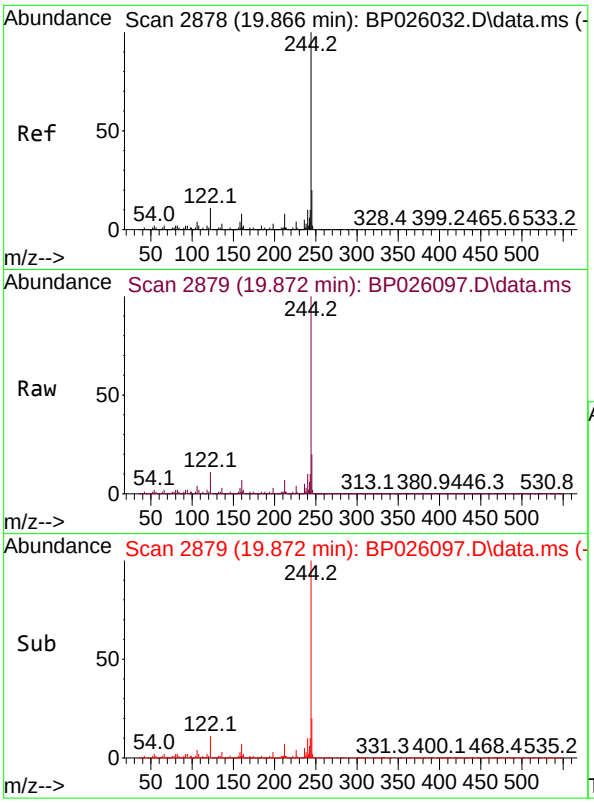


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion:240 Resp: 1662918

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	26.0	20.6	31.0



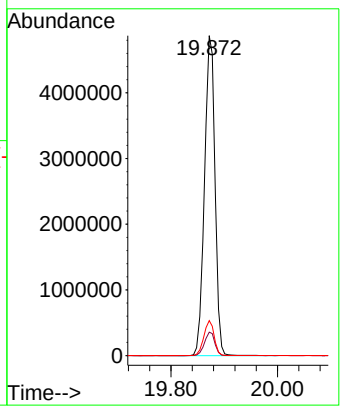


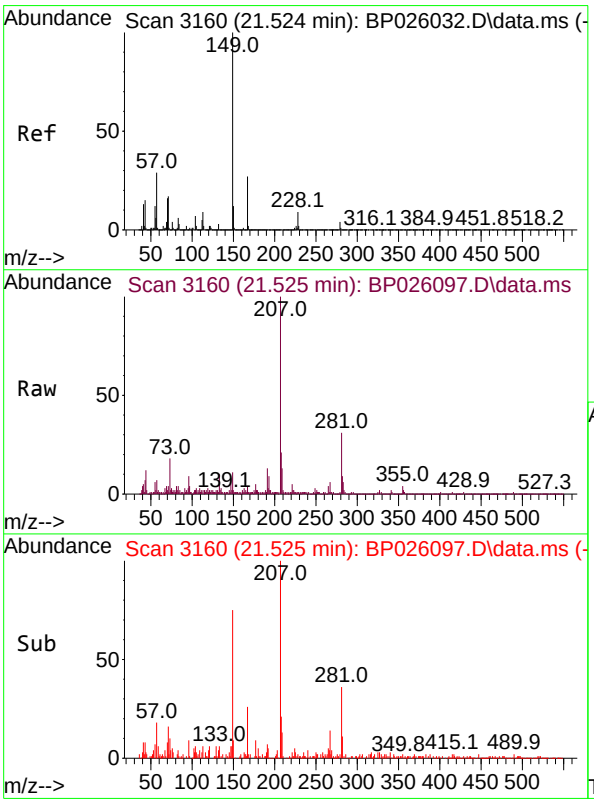
#79
Terphenyl-d14
Concen: 81.043 ng
RT: 19.872 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Instrument :
BNA_P
ClientSampleId :
SW-1

Tgt Ion:244 Resp: 6633340

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.9	9.0	13.6

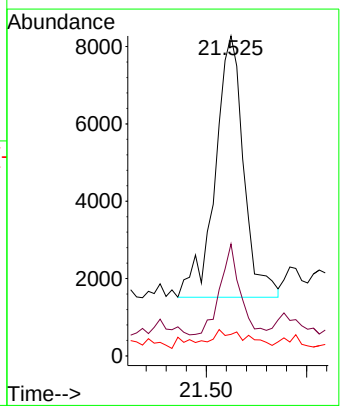


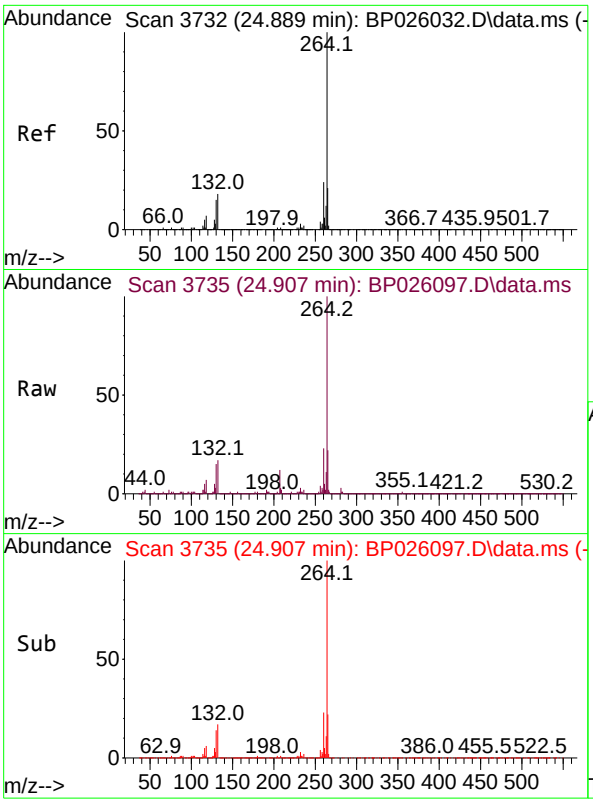


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.786 ng
RT: 21.525 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion:149 Resp: 13346

Ion	Ratio	Lower	Upper
149	100		
167	35.0	21.5	32.3#
279	6.7	3.0	4.6#



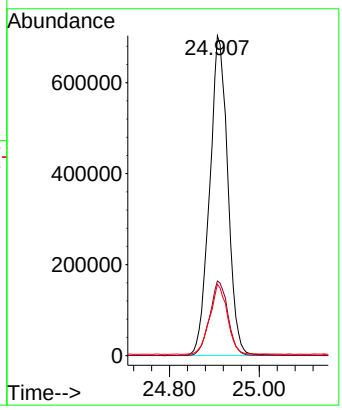


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Instrument :
BNA_P
ClientSampleId :
SW-1

Tgt Ion:264 Resp: 1971522

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	22.3	17.2	25.8



Sample Results: **BP026097.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026097.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.837	315	323	331	rVB2	127119	190694	1.07%	0.268%
2	5.296	394	401	410	rBV	2510185	3755257	21.16%	5.286%
3	6.849	656	665	674	rBV	1529219	2413697	13.60%	3.397%
4	7.678	798	806	814	rBV	1101033	1787618	10.07%	2.516%
5	8.813	991	999	1011	rBV	2997352	5030338	28.34%	7.080%
6	10.443	1268	1276	1290	rBV	1366879	2438711	13.74%	3.432%
7	12.919	1690	1697	1710	rBV	7663572	11296489	63.65%	15.900%
8	14.313	1927	1934	1942	rBV	2035082	3081590	17.36%	4.337%
9	15.701	2164	2170	2177	rBV	433602	632451	3.56%	0.890%
10	15.831	2182	2192	2207	rBV	5506760	8853569	49.88%	12.461%
11	17.125	2405	2412	2421	rBV	2404335	3630876	20.46%	5.110%
12	18.084	2571	2575	2592	rBV3	343156	689687	3.89%	0.971%
13	19.872	2873	2879	2885	rBV	13130766	17748754	100.00%	24.981%
14	21.577	3162	3169	3178	rVB2	2486255	4406362	24.83%	6.202%
15	24.907	3726	3735	3748	rVB	1844744	5091956	28.69%	7.167%

Sum of corrected areas: 71048049

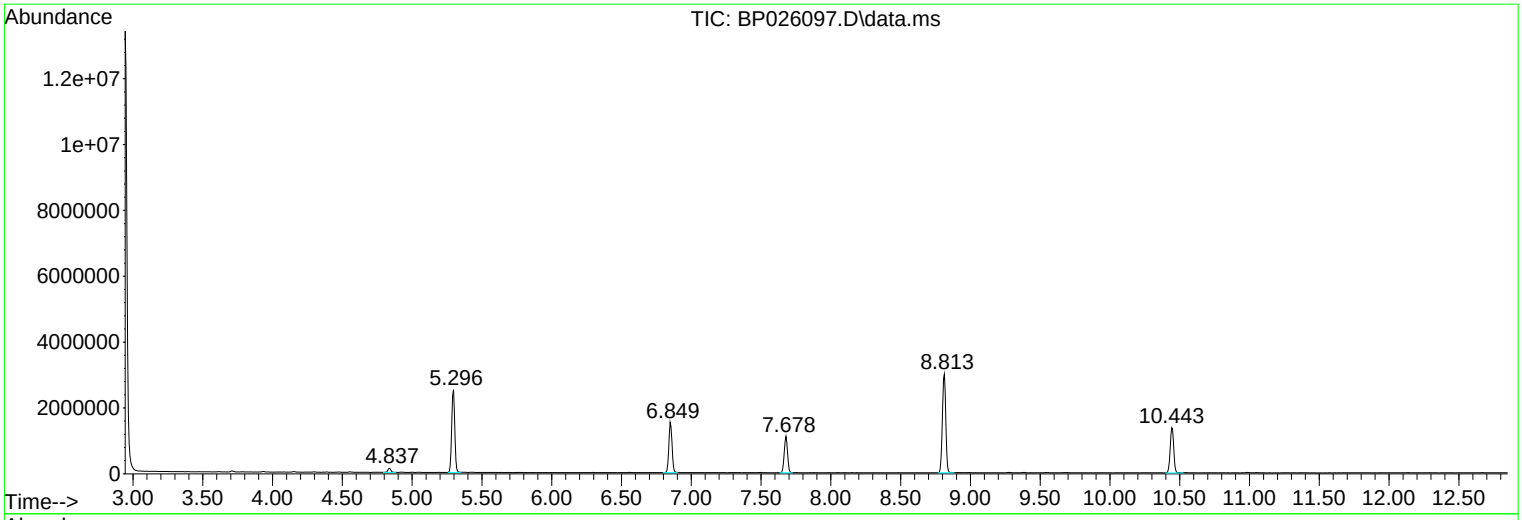
Sample Results: **BP026097.D**

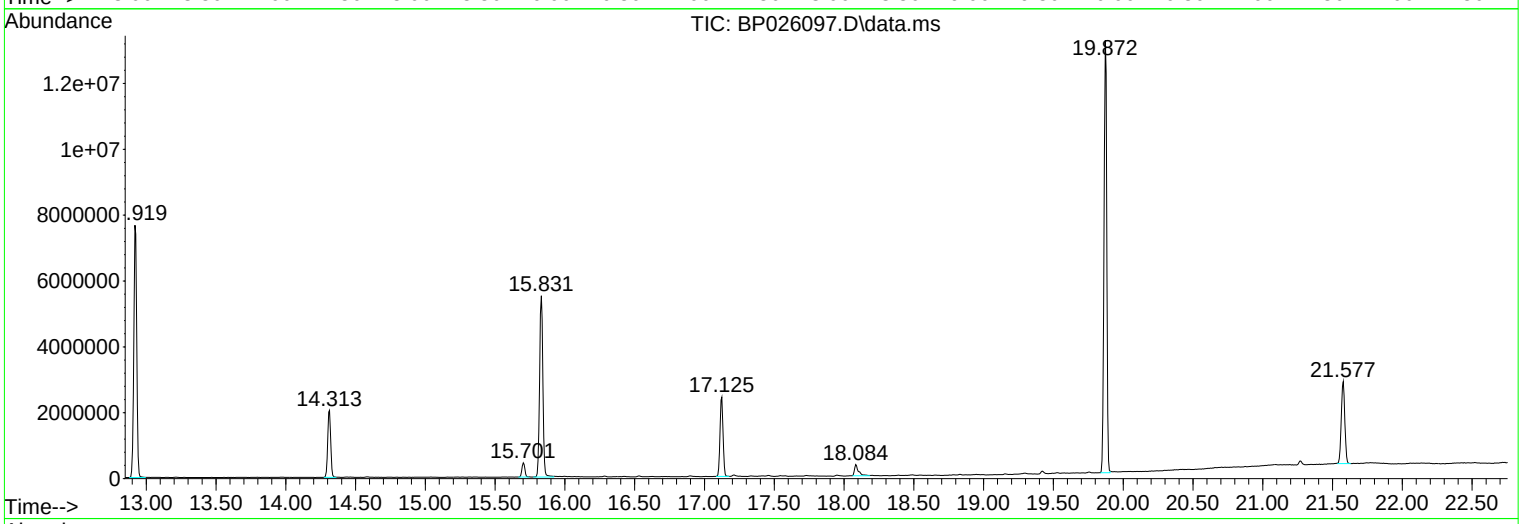
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

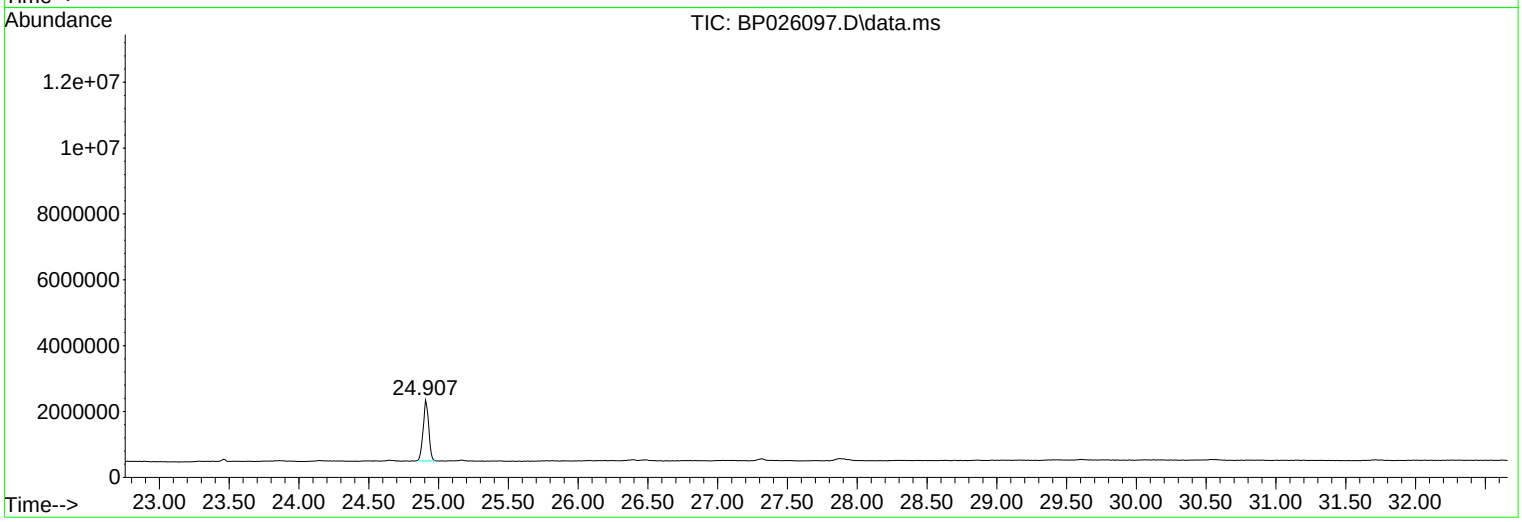
Instrument :
BNA_P
ClientSampleId :
SW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Sample Results: **BP026097.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

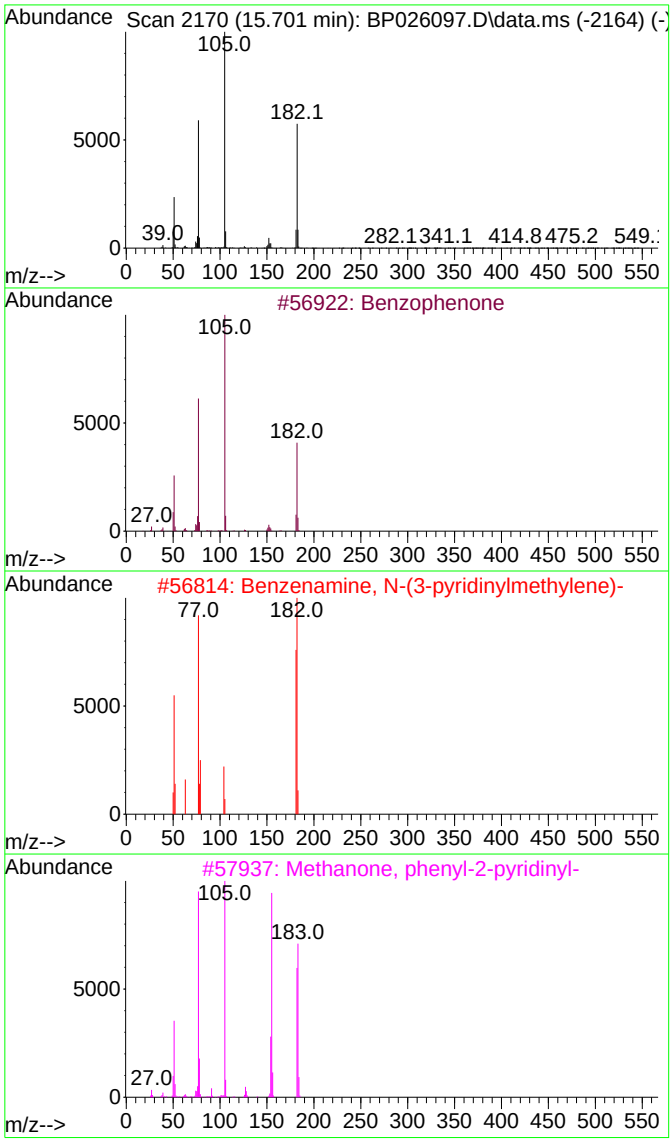
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

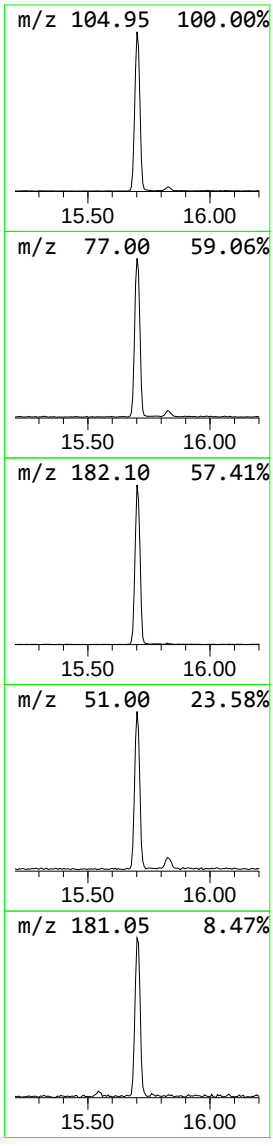
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.701	4.10 ng	632451	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	40
4	Azobenzene	182	C12H10N2	000103-33-3	38
5	1,1-Diphenyl-2-phenylthiobut-3-e...	332	C22H20OS	097370-20-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

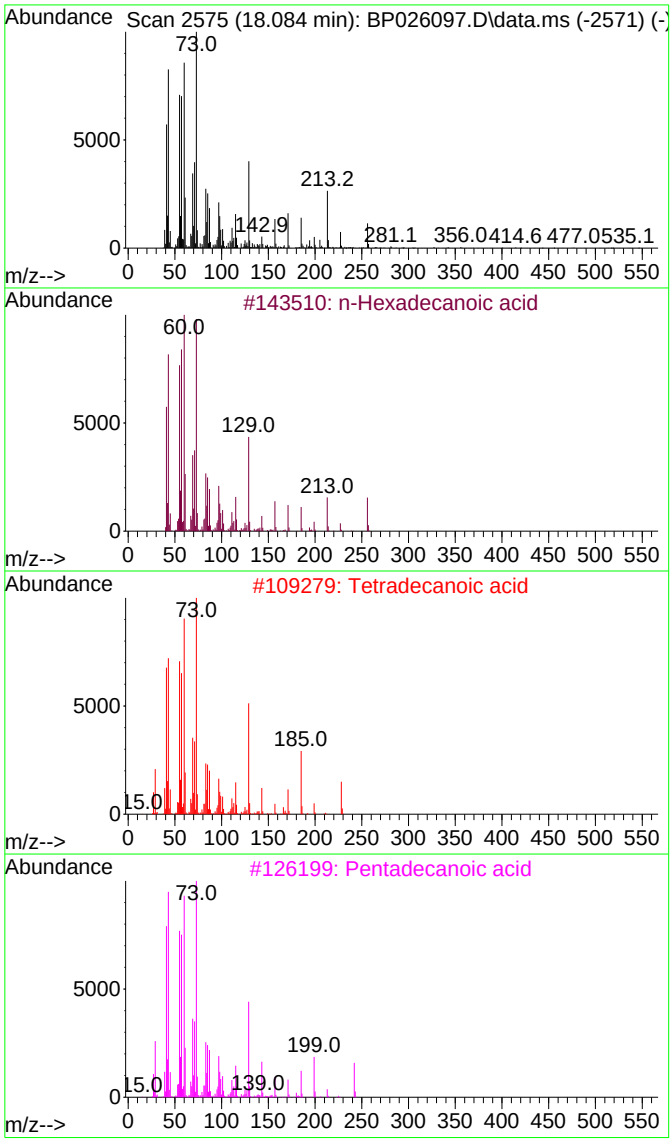
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

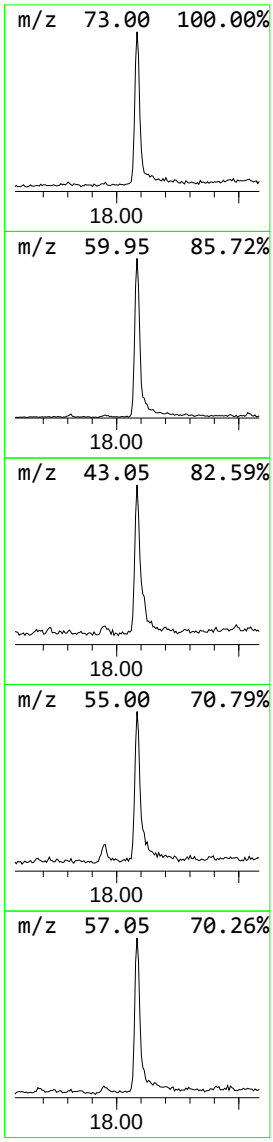
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.084	3.80 ng	689687	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.701	4.1	ng	632451	3	14.313	3081590	20.0
n-Hexadecanoic ...	18.084	3.8	ng	689687	4	17.125	3630880	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

Quant Time: Nov 11 15:39:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

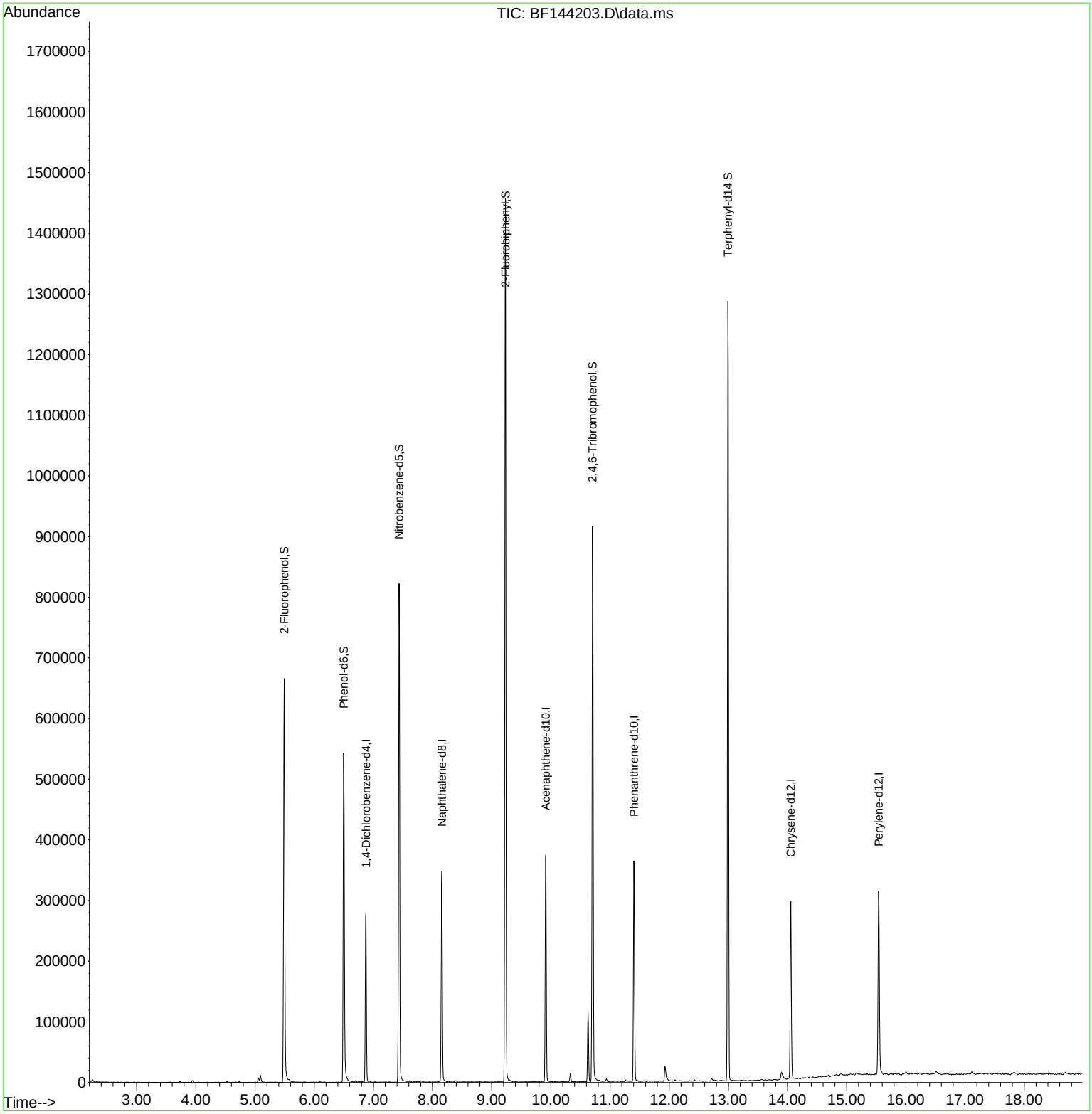
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	59255	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	231451	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	119771	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	200120	20.000	ng	0.00
76) Chrysene-d12	14.057	240	163164	20.000	ng	0.00
86) Perylene-d12	15.539	264	207285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	262551	69.337	ng	0.00
7) Phenol-d6	6.498	99	236120	55.033	ng	0.00
23) Nitrobenzene-d5	7.434	82	347465	86.704	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	179630	119.515	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	686010	84.594	ng	0.00
79) Terphenyl-d14	12.992	244	686303	66.812	ng	0.00
Target Compounds						Qvalue

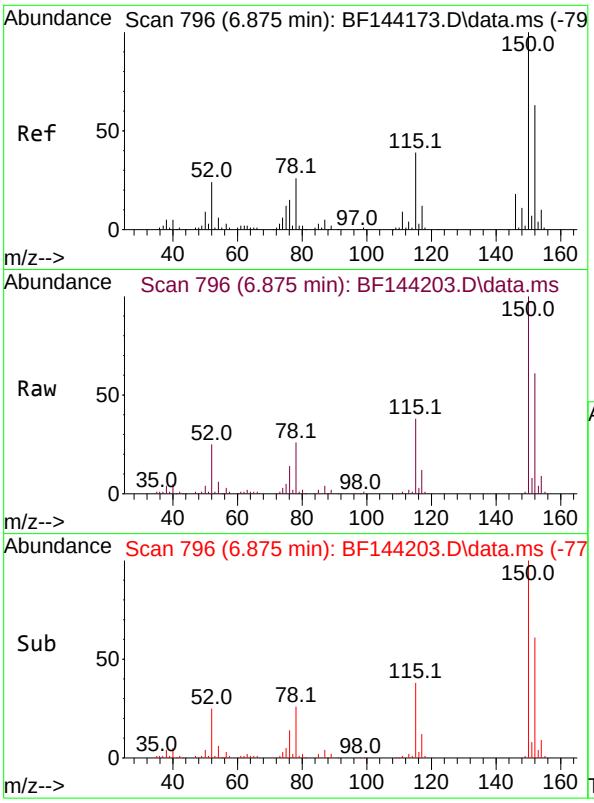
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

Quant Time: Nov 11 15:39:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



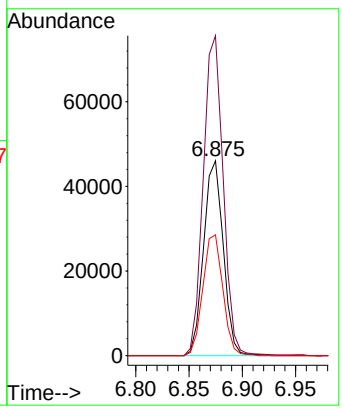


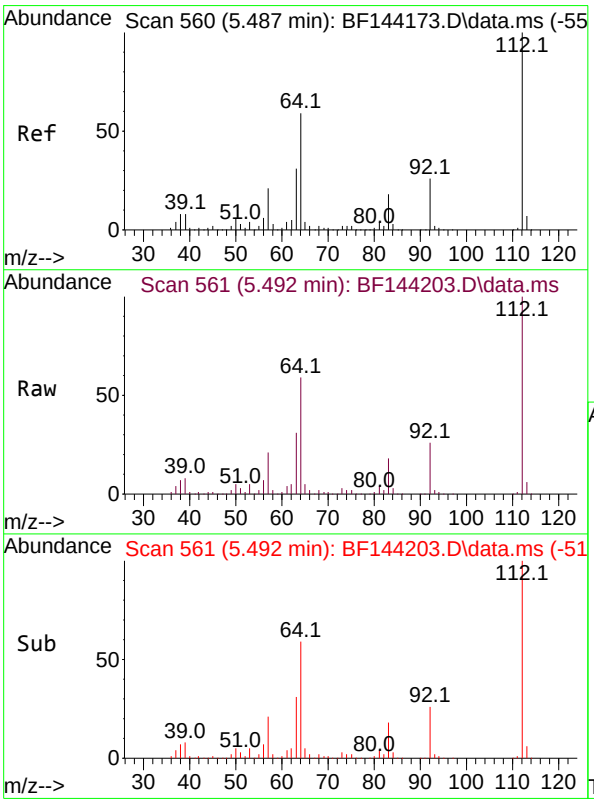
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Instrument :
BNA_F
ClientSampleId :
SW-2

Tgt Ion:152 Resp: 59255

Ion	Ratio	Lower	Upper
152	100		
150	164.3	127.4	191.0
115	62.0	49.5	74.3

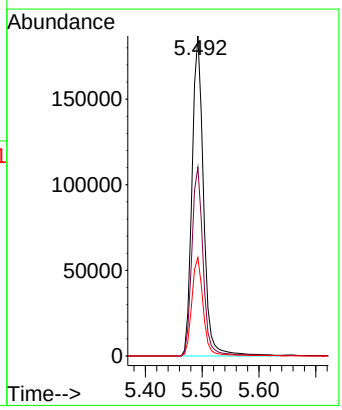


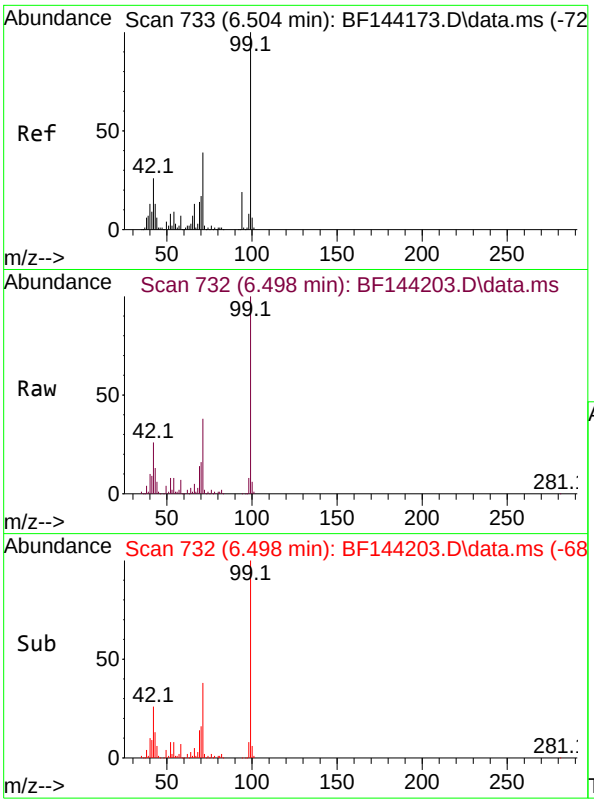


#5
2-Fluorophenol
Concen: 69.337 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Tgt Ion:112 Resp: 262551

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.2	70.8
63	30.7	24.4	36.6



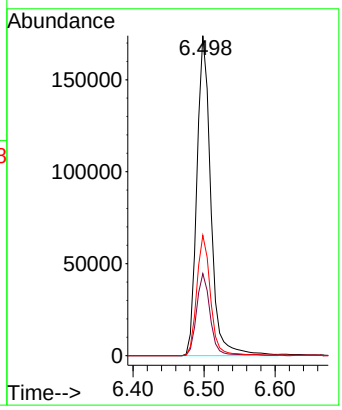


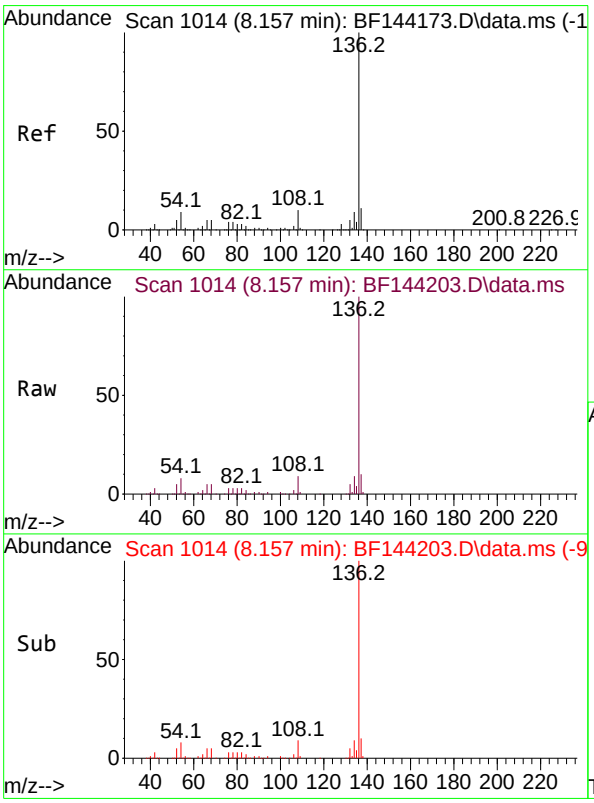
#7
Phenol-d6
Concen: 55.033 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Instrument :
BNA_F
ClientSampleId :
SW-2

Tgt Ion: 99 Resp: 236120

Ion	Ratio	Lower	Upper
99	100		
42	25.6	20.9	31.3
71	37.6	31.4	47.2

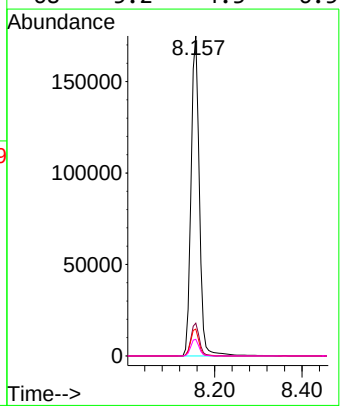


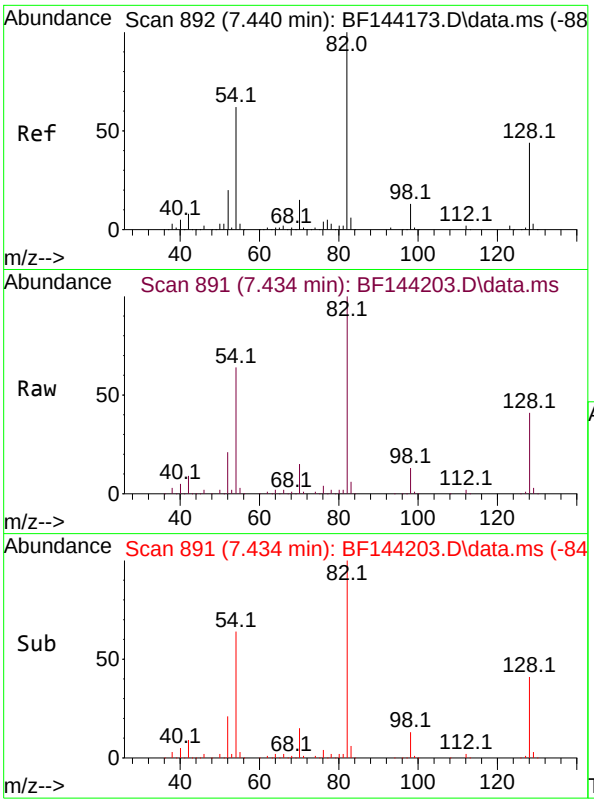


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Tgt Ion:136 Resp: 231451

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	8.4	7.0	10.6
68	5.2	4.3	6.5



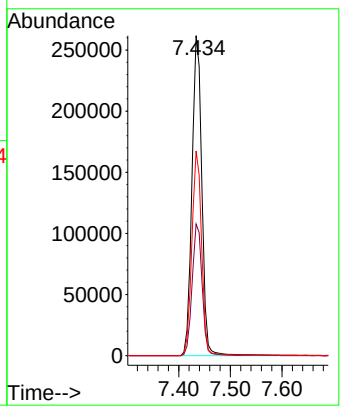


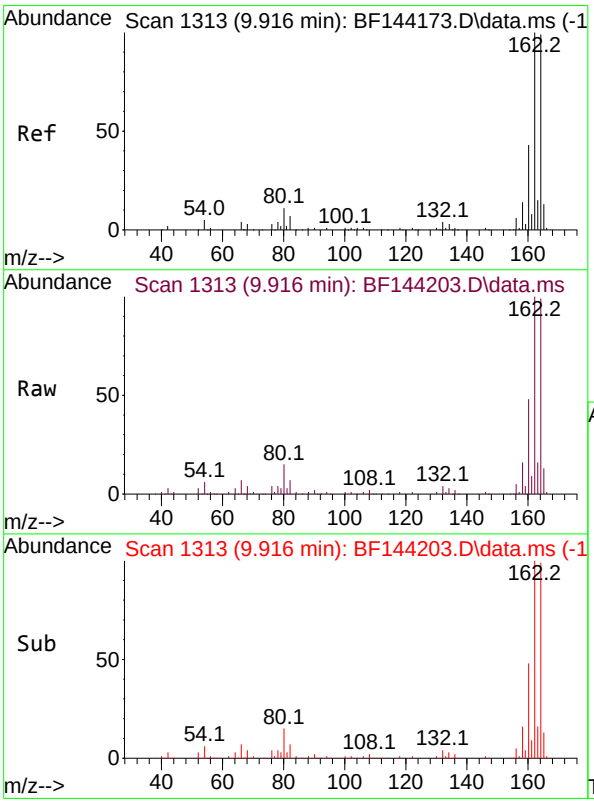
#23
Nitrobenzene-d5
Concen: 86.704 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Instrument :
BNA_F
ClientSampleId :
SW-2

Tgt Ion: 82 Resp: 347465

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.7	52.1
54	63.9	49.5	74.3

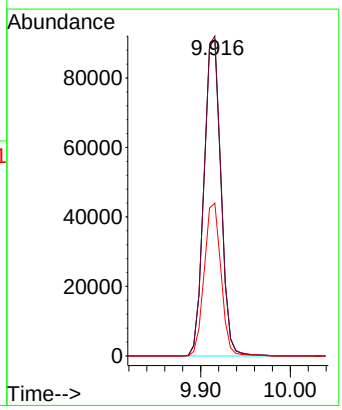


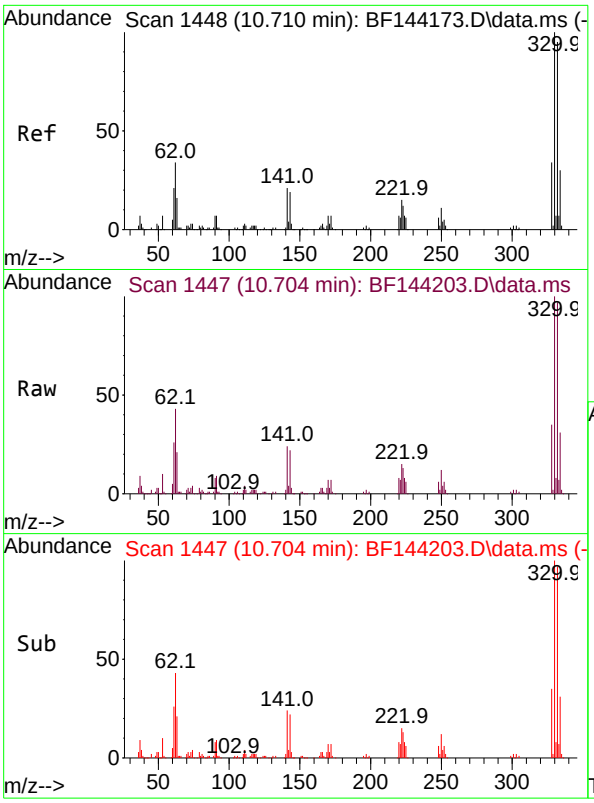


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Tgt Ion:164 Resp: 119771

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.1	121.7
160	48.3	34.5	51.7



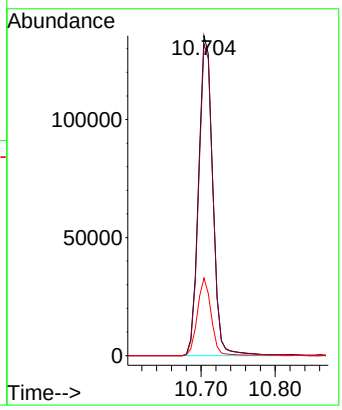


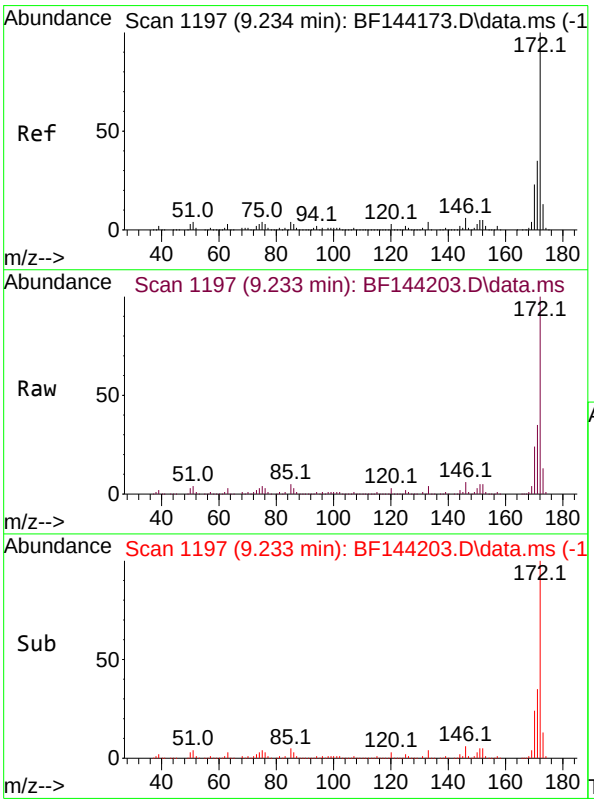
#42
2,4,6-Tribromophenol
Concen: 119.515 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Instrument :
BNA_F
ClientSampleId :
SW-2

Tgt Ion:330 Resp: 179630

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.7	115.1
141	23.5	17.8	26.8

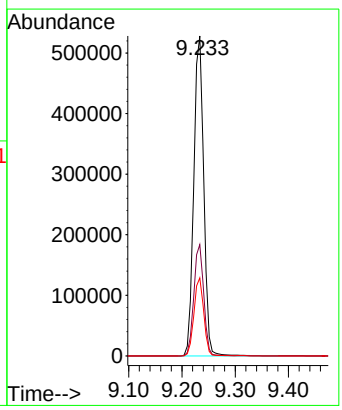


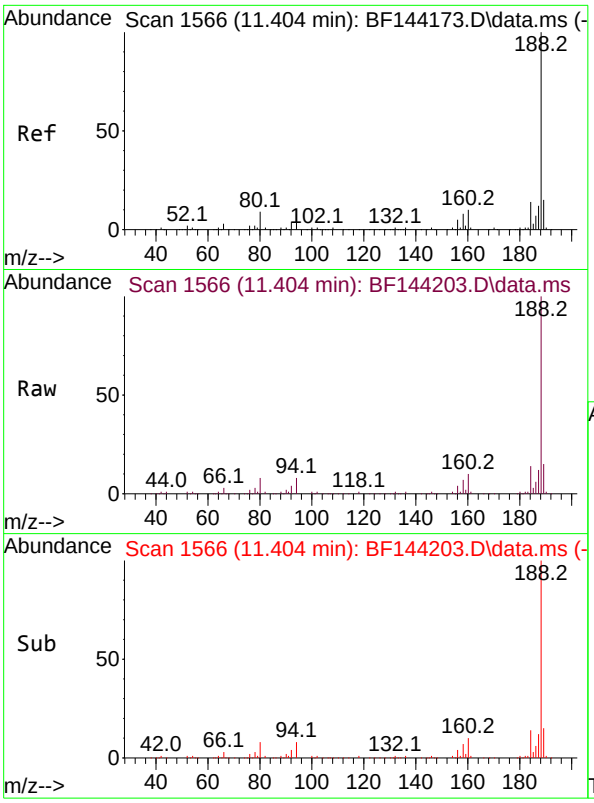


#45
2-Fluorobiphenyl
Concen: 84.594 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Tgt Ion:172 Resp: 686010

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	24.4	18.6	28.0



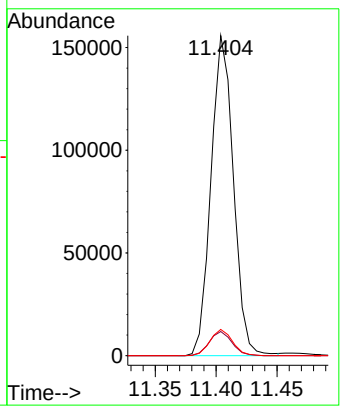


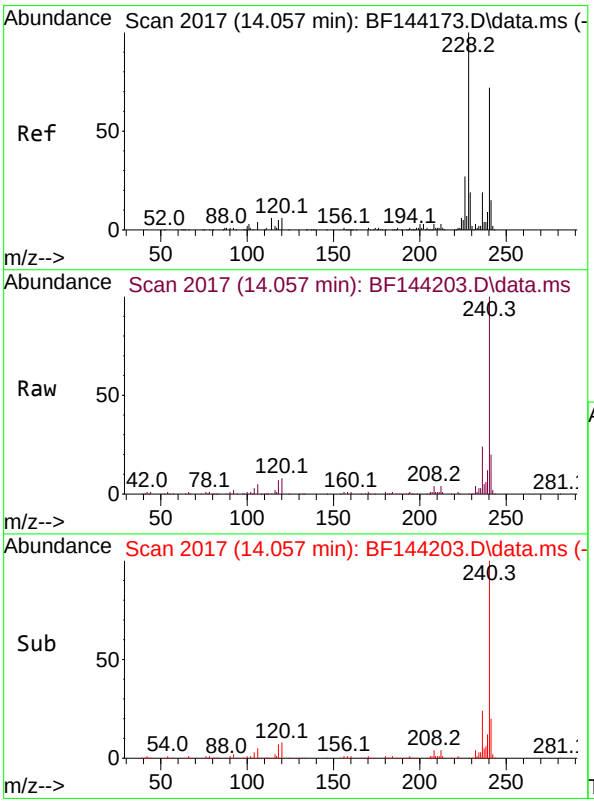
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Instrument :
BNA_F
ClientSampleId :
SW-2

Tgt Ion:188 Resp: 200120

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.2	9.2
80	8.2	6.9	10.3

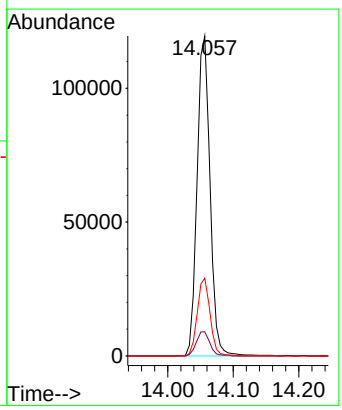


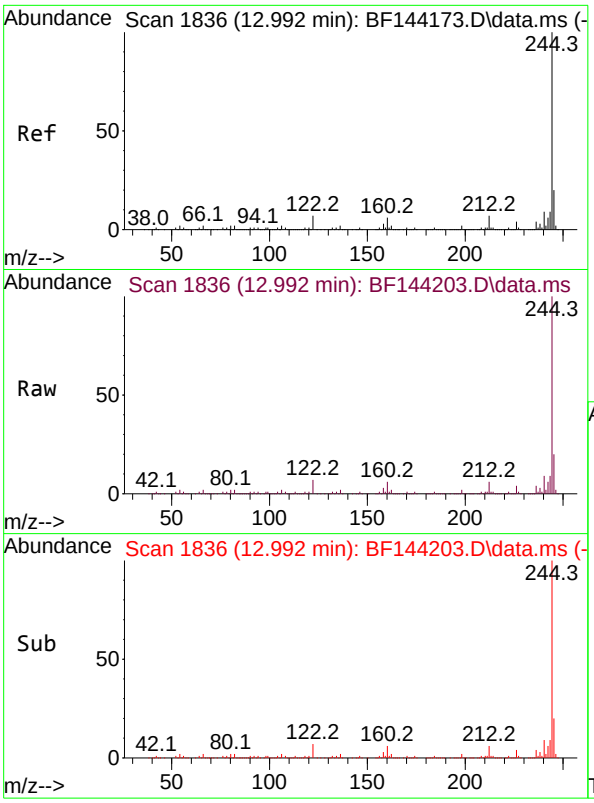


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Tgt Ion:240 Resp: 163164

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.6	10.0
236	24.3	21.4	32.2



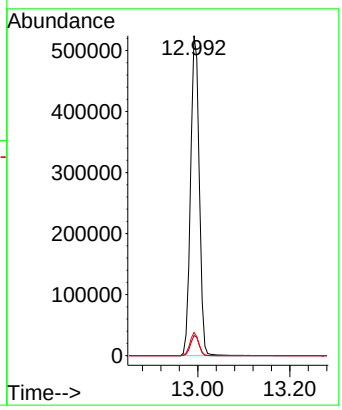


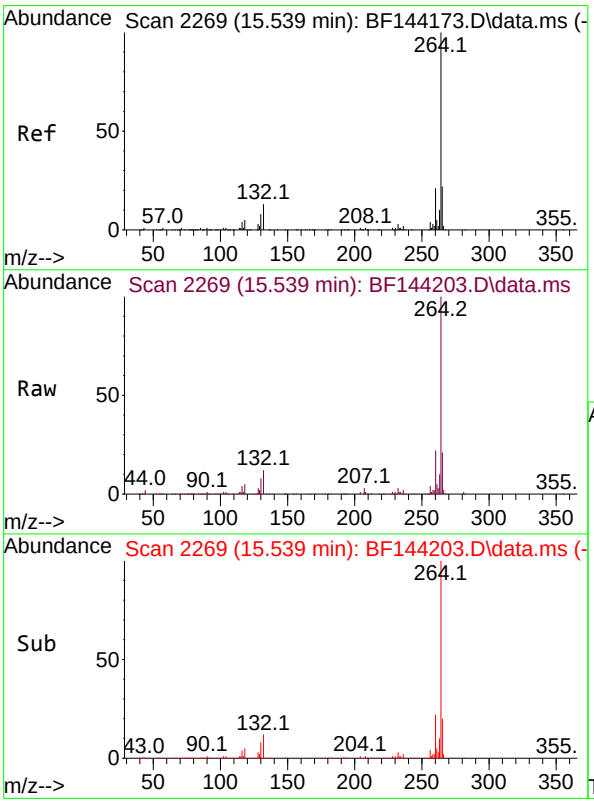
#79
Terphenyl-d14
Concen: 66.812 ng
RT: 12.992 min Scan# 18
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Instrument :
BNA_F
ClientSampleId :
SW-2

Tgt Ion:244 Resp: 686303

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.3	7.9
122	7.2	5.6	8.4

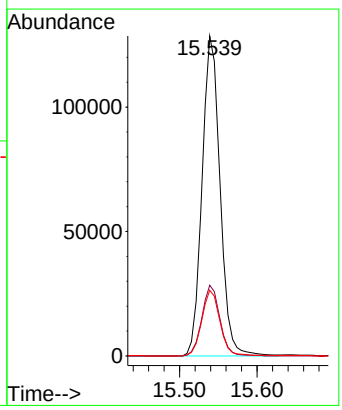




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Tgt Ion:264 Resp: 207285

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.1	25.7
265	20.6	17.4	26.0



Sample Results: **BF144203.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144203.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.492	556	561	573	rBV	666005	914163	48.60%	8.817%
2	6.498	727	732	757	rBV	542767	739417	39.31%	7.132%
3	6.875	790	796	803	rBV	280592	364171	19.36%	3.513%
4	7.434	885	891	909	rBV	822365	1091120	58.01%	10.524%
5	8.157	1008	1014	1029	rBV	348135	454161	24.15%	4.381%
6	9.233	1191	1197	1206	rBV	1456217	1880969	100.00%	18.142%
7	9.916	1307	1313	1321	rBV	375106	490104	26.06%	4.727%
8	10.627	1429	1434	1442	rBV	116150	145237	7.72%	1.401%
9	10.704	1442	1447	1463	rBV	915141	1188505	63.19%	11.463%
10	11.404	1561	1566	1573	rBV	363864	463212	24.63%	4.468%
11	11.927	1651	1655	1671	rBV3	24248	50016	2.66%	0.482%
12	12.992	1831	1836	1842	rBV	1285597	1665483	88.54%	16.064%
13	13.898	1985	1990	2004	rBV7	11779	31287	1.66%	0.302%
14	14.057	2011	2017	2029	rVB	292585	397175	21.12%	3.831%
15	15.539	2263	2269	2283	rVB	302701	492739	26.20%	4.753%

Sum of corrected areas: 10367759

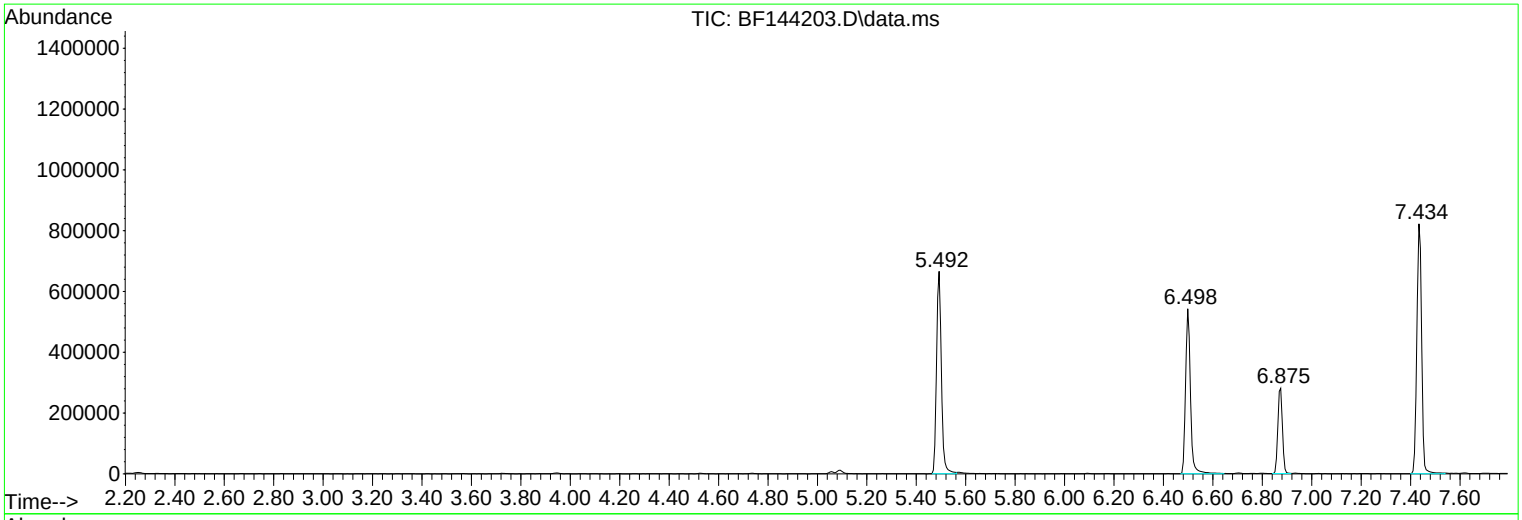
Sample Results: **BF144203.D**

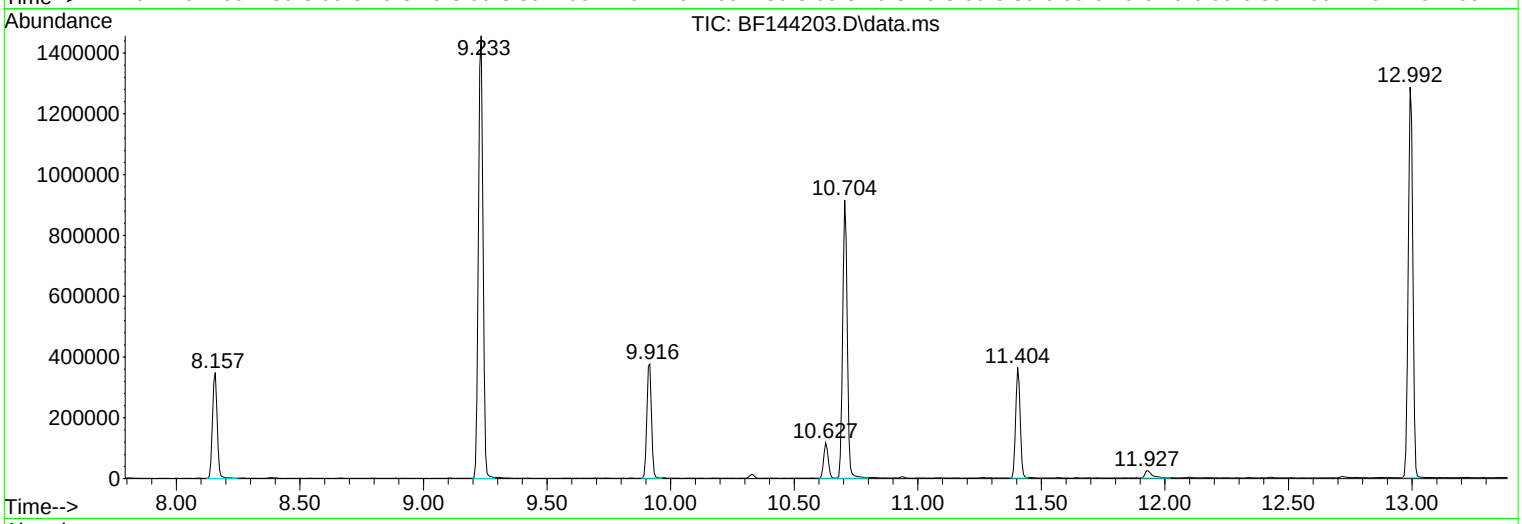
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

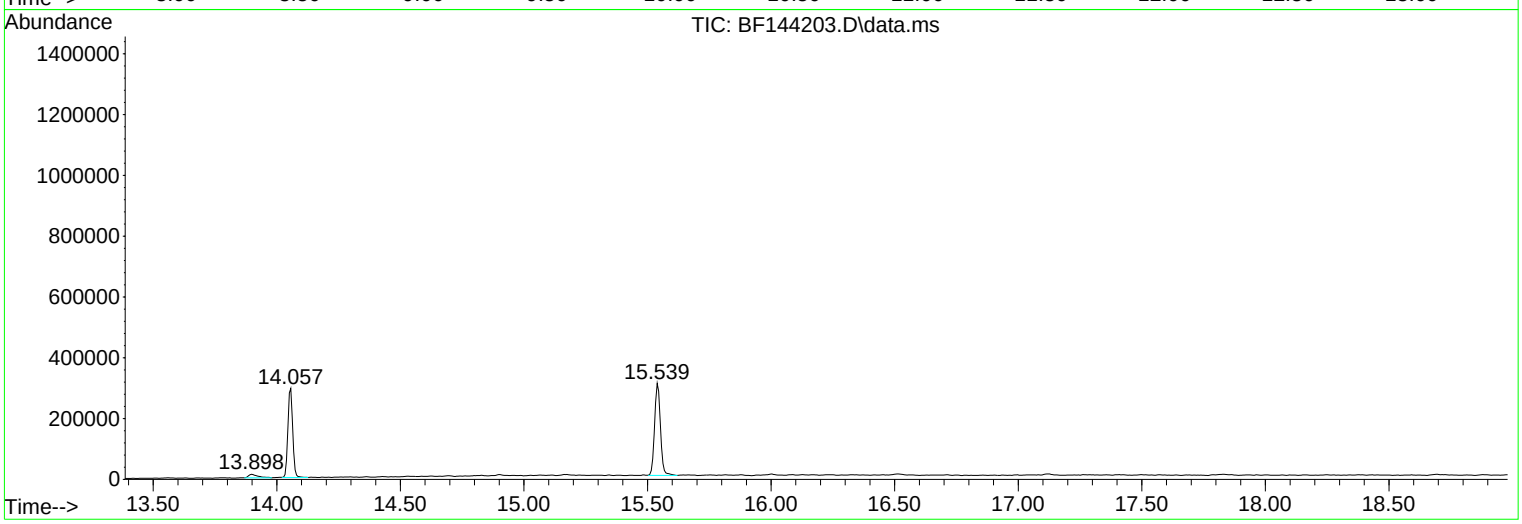
Instrument :
BNA_F
ClientSampleId :
SW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

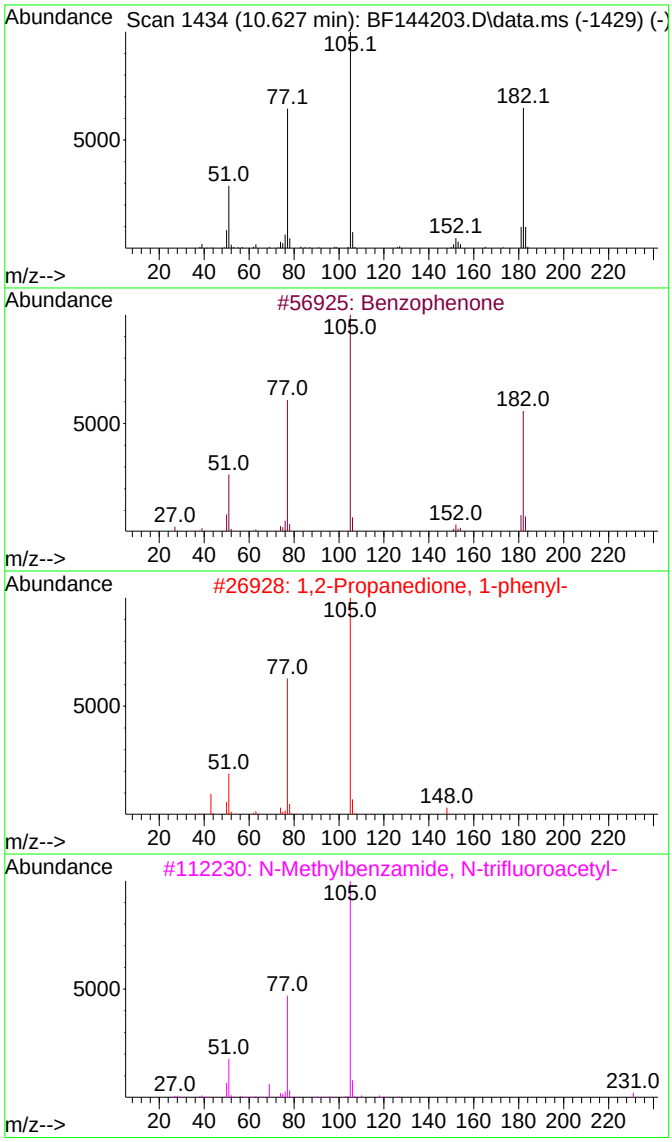
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

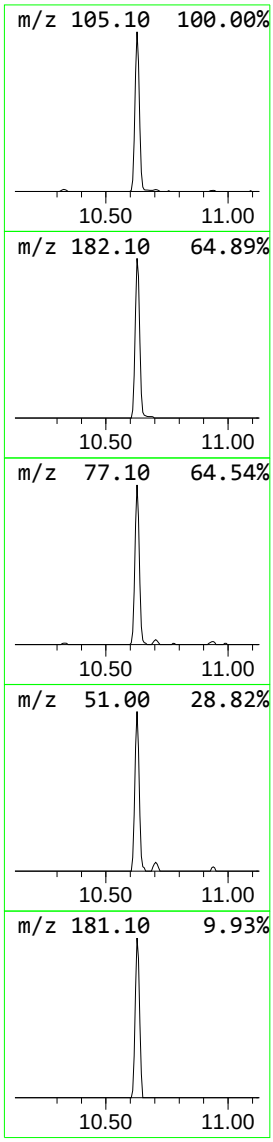
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	5.93 ng	145237	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43
3	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	43
4	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	43
5	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

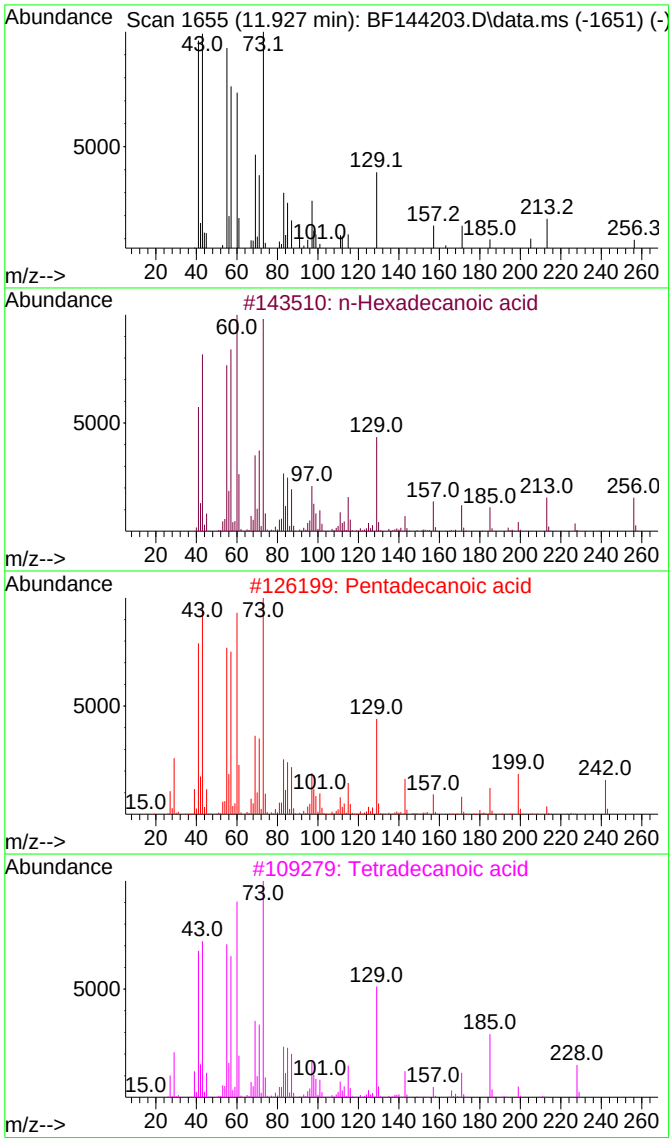
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

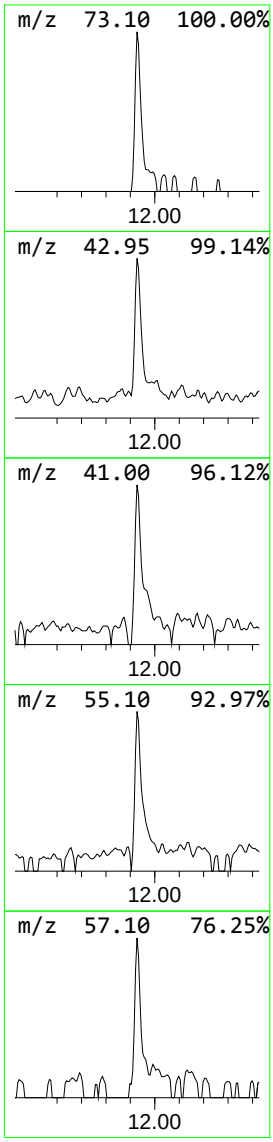
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	2.16 ng	50016	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.627	5.9	ng	145237	3	9.916	490104	20.0
n-Hexadecanoic ...	11.927	2.2	ng	50016	4	11.404	463212	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144204.D
Acq On : 11 Nov 2025 15:38
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-3

Quant Time: Nov 11 15:59:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

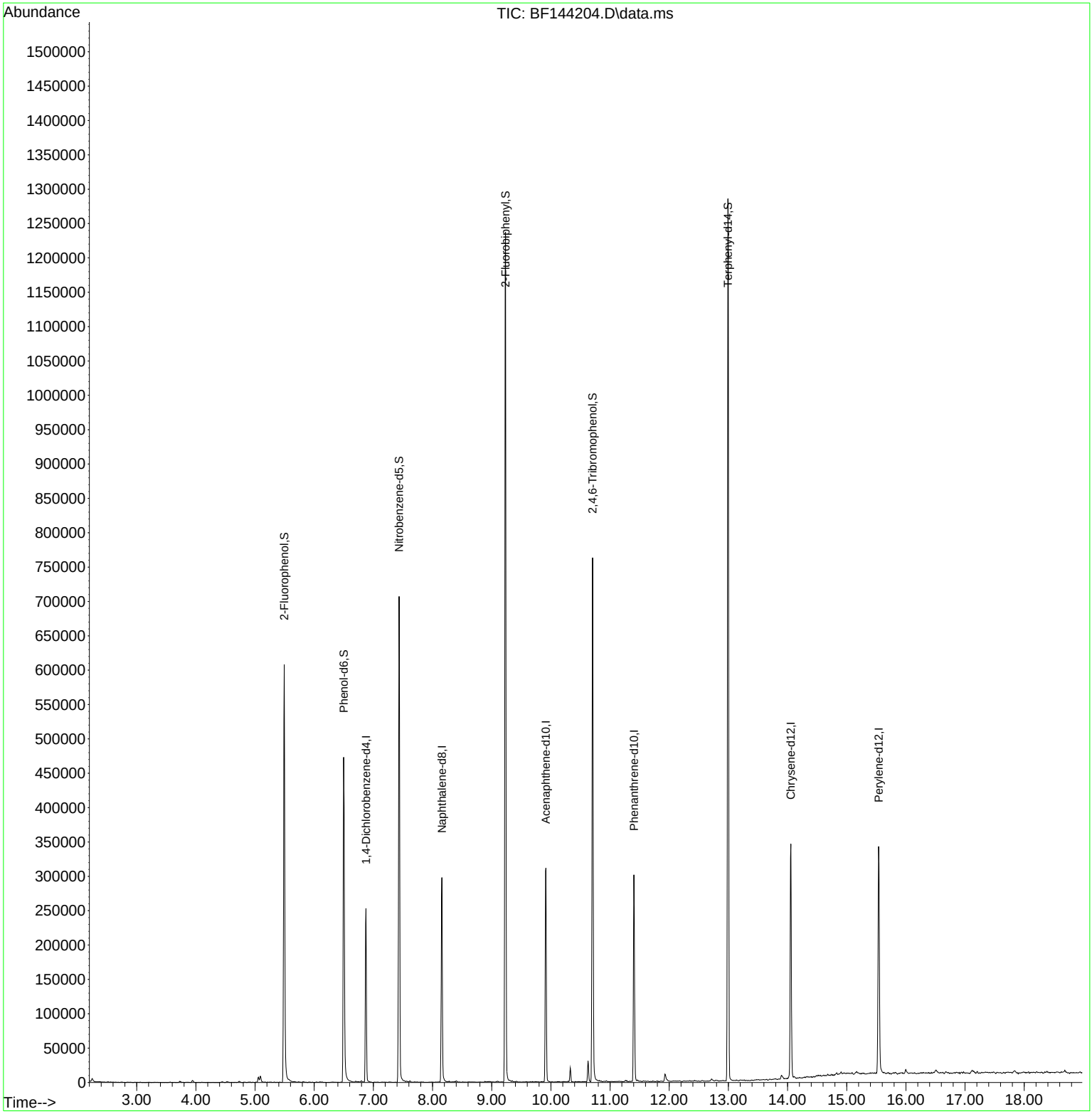
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	54285	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	195487	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	102900	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	165829	20.000	ng	0.00
76) Chrysene-d12	14.057	240	186431	20.000	ng	0.00
86) Perylene-d12	15.539	264	227605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	240153	69.229	ng	0.00
7) Phenol-d6	6.498	99	211309	53.760	ng	0.00
23) Nitrobenzene-d5	7.434	82	295394	87.272	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	153092	118.559	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	585790	84.079	ng	0.00
79) Terphenyl-d14	12.992	244	708798	60.390	ng	0.00
Target Compounds						Qvalue

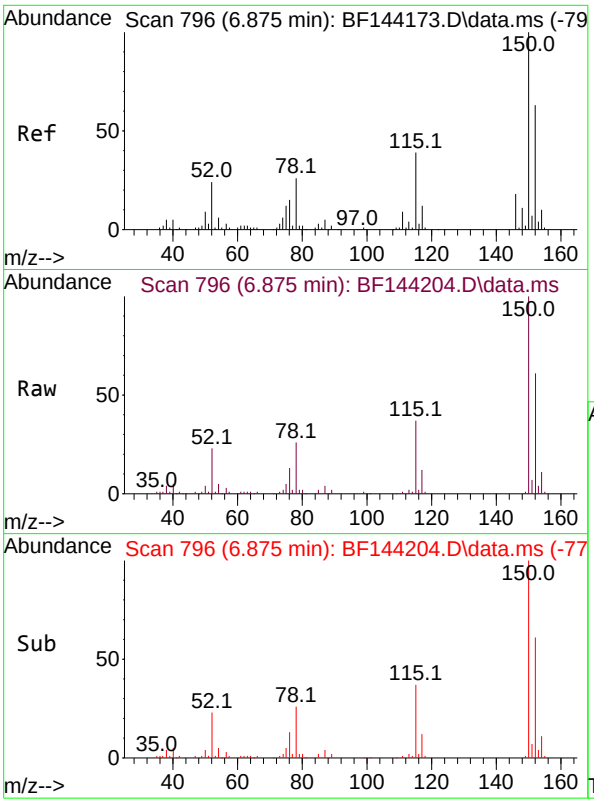
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144204.D
Acq On : 11 Nov 2025 15:38
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-3

Quant Time: Nov 11 15:59:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



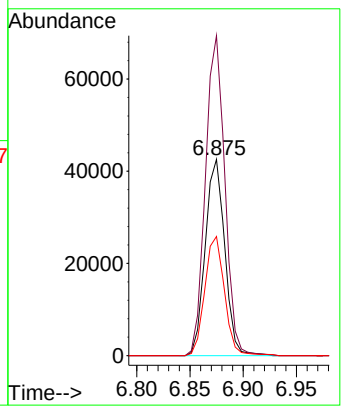


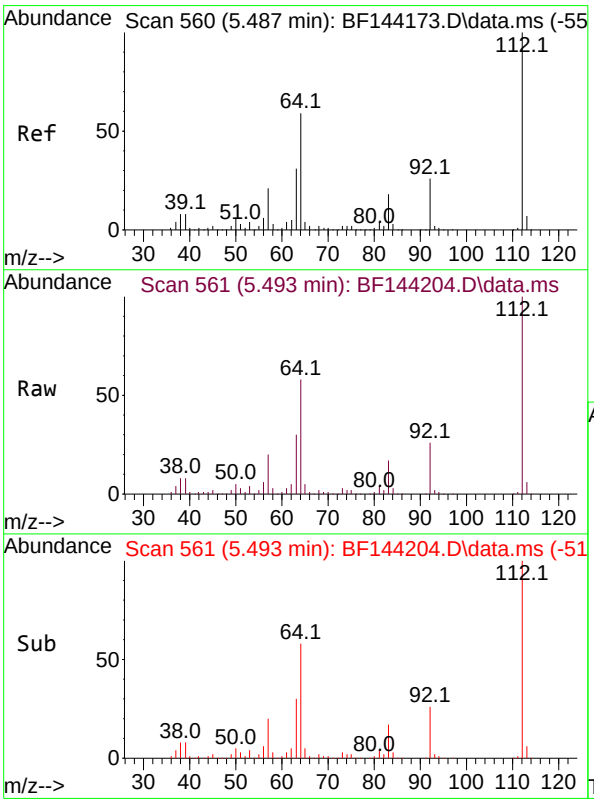
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Instrument :
BNA_F
ClientSampleId :
SW-3

Tgt Ion:152 Resp: 54285

Ion	Ratio	Lower	Upper
152	100		
150	163.1	127.4	191.0
115	60.7	49.5	74.3

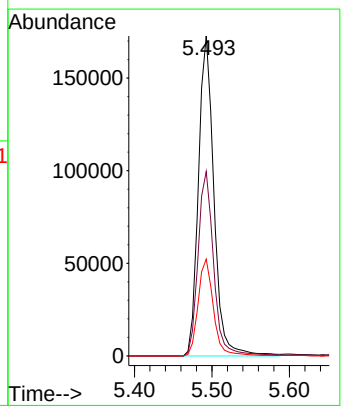


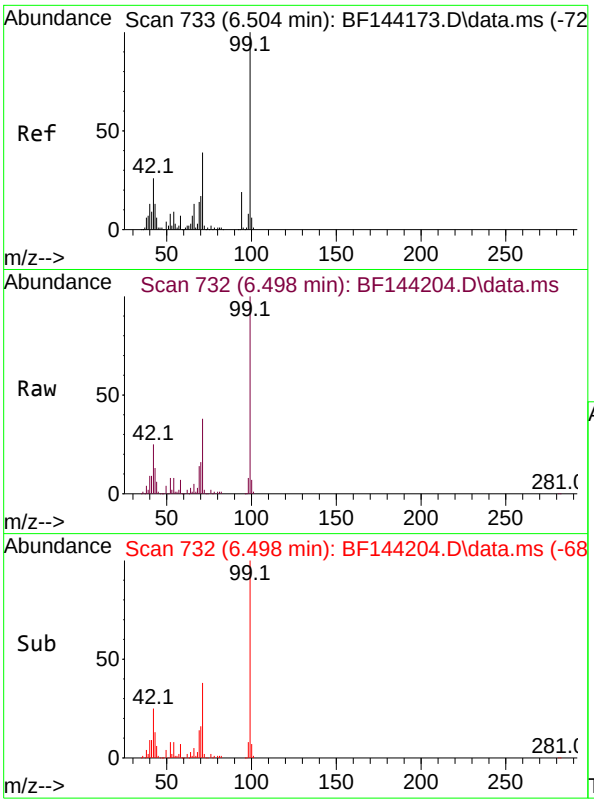


#5
2-Fluorophenol
Concen: 69.229 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:112 Resp: 240153

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.2	70.8
63	30.2	24.4	36.6



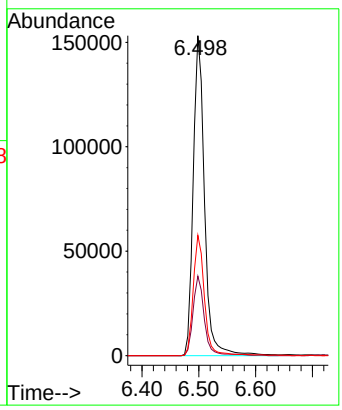


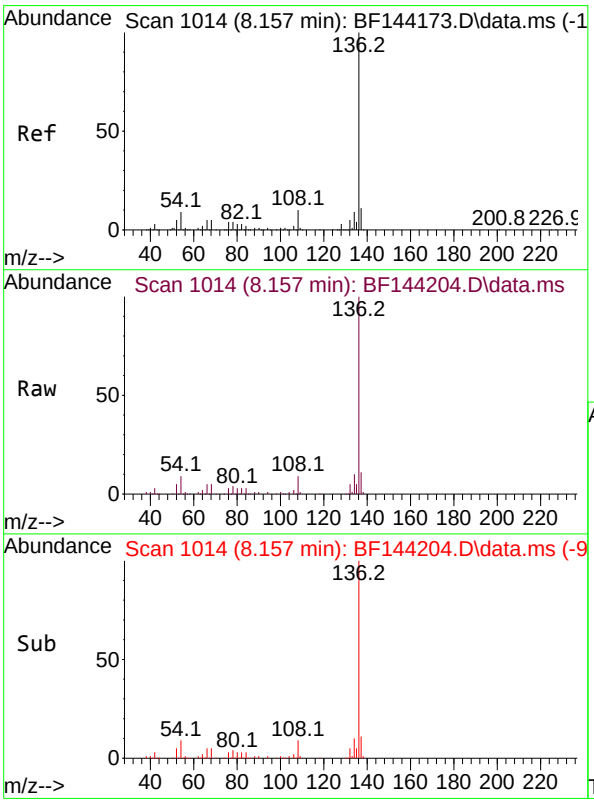
#7
Phenol-d6
Concen: 53.760 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Instrument :
BNA_F
ClientSampleId :
SW-3

Tgt Ion: 99 Resp: 211309

Ion	Ratio	Lower	Upper
99	100		
42	24.8	20.9	31.3
71	37.6	31.4	47.2

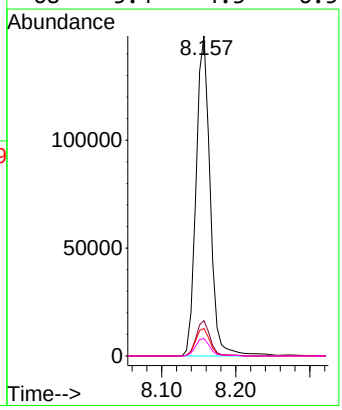


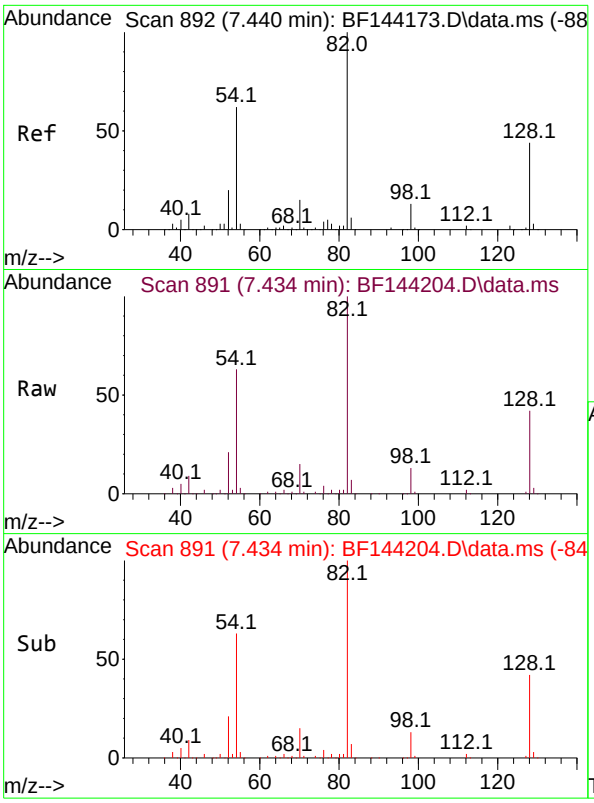


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:136 Resp: 195487

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.6	7.0	10.6
68	5.4	4.3	6.5



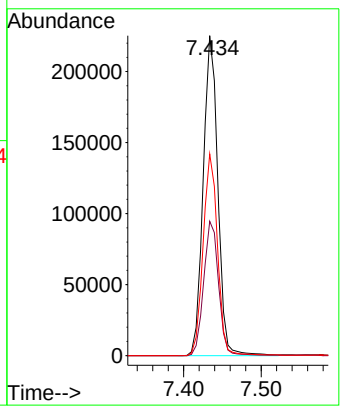


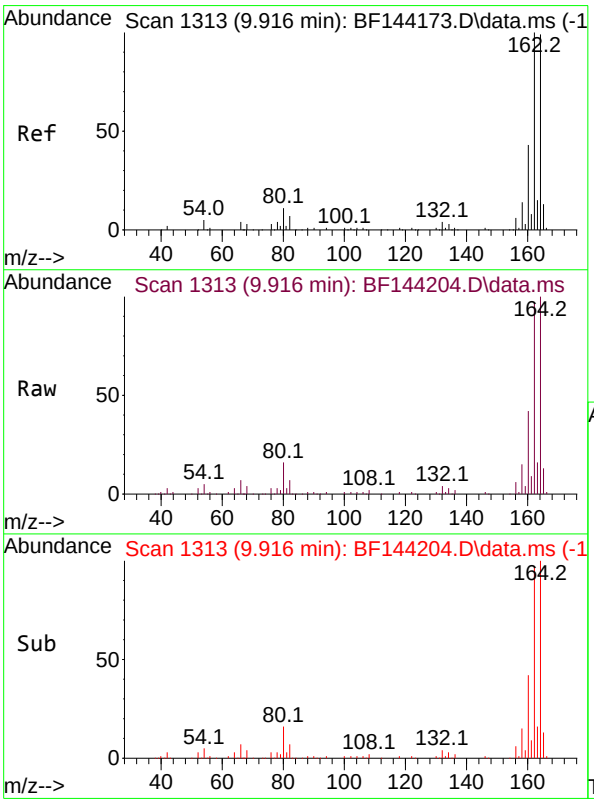
#23
Nitrobenzene-d5
Concen: 87.272 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Instrument :
BNA_F
ClientSampleId :
SW-3

Tgt Ion: 82 Resp: 295394

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.7	52.1
54	63.0	49.5	74.3

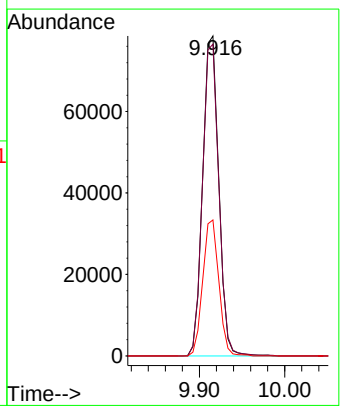


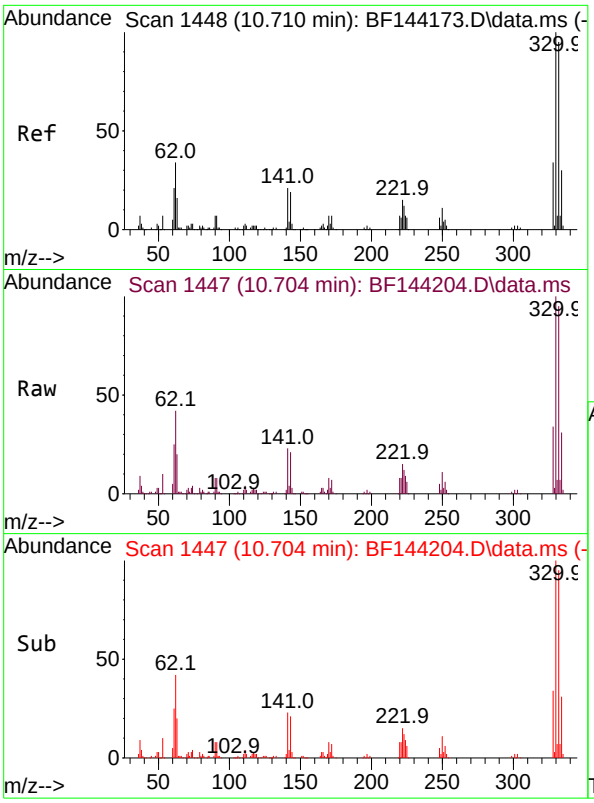


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:164 Resp: 102900

Ion	Ratio	Lower	Upper
164	100		
162	97.4	81.1	121.7
160	42.5	34.5	51.7



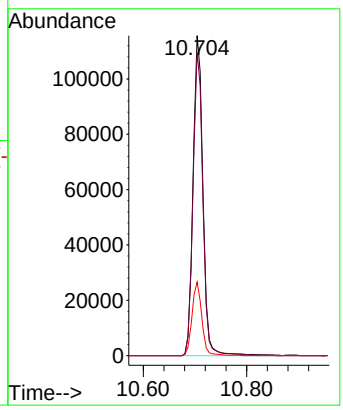


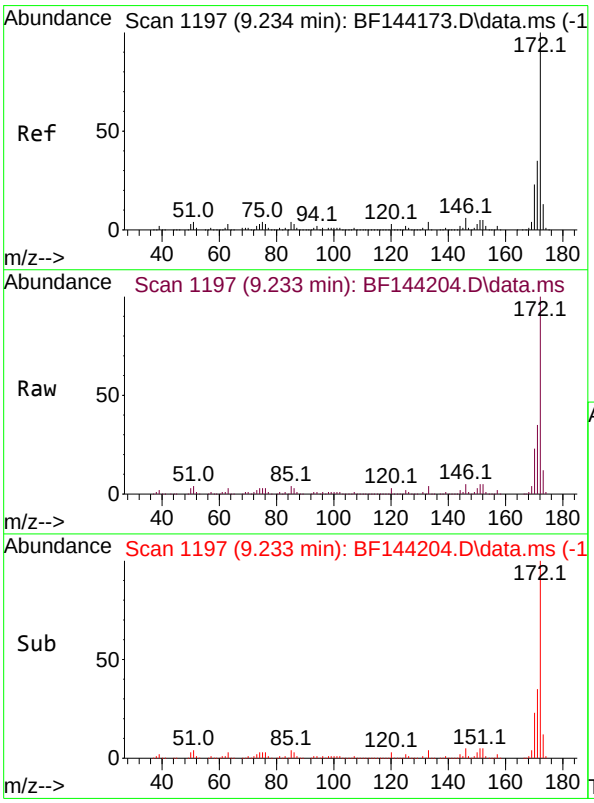
#42
2,4,6-Tribromophenol
Concen: 118.559 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Instrument :
BNA_F
ClientSampleId :
SW-3

Tgt Ion:330 Resp: 153092

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.7	115.1
141	22.7	17.8	26.8

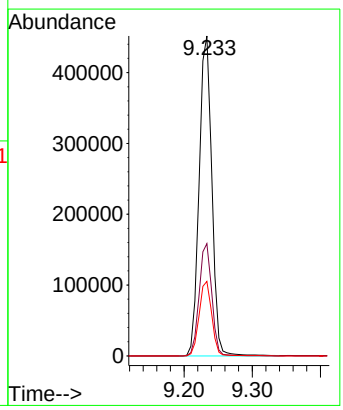


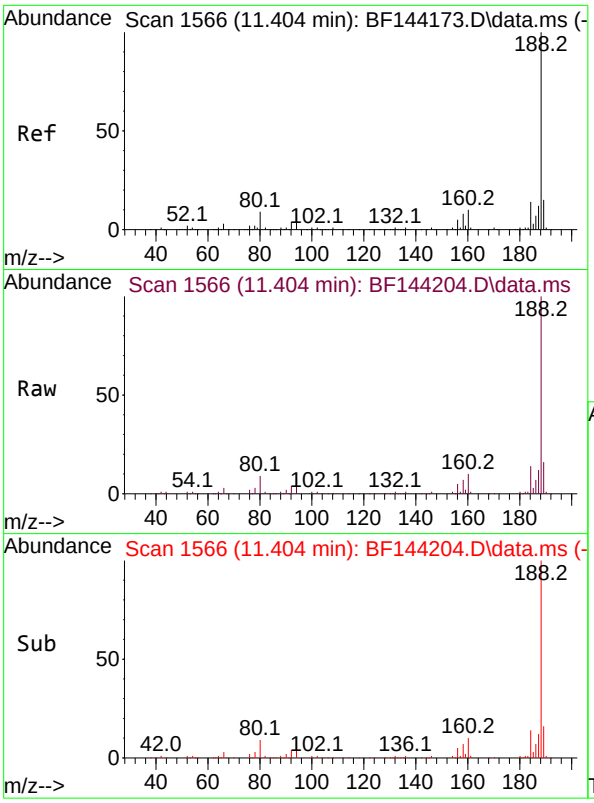


#45
2-Fluorobiphenyl
Concen: 84.079 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:172 Resp: 585790

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.3	18.6	28.0



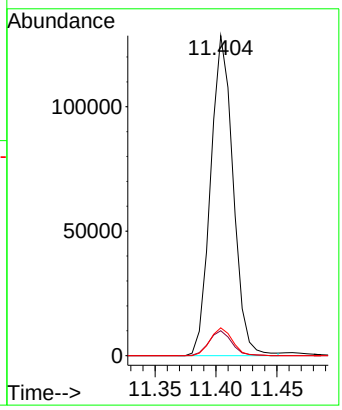


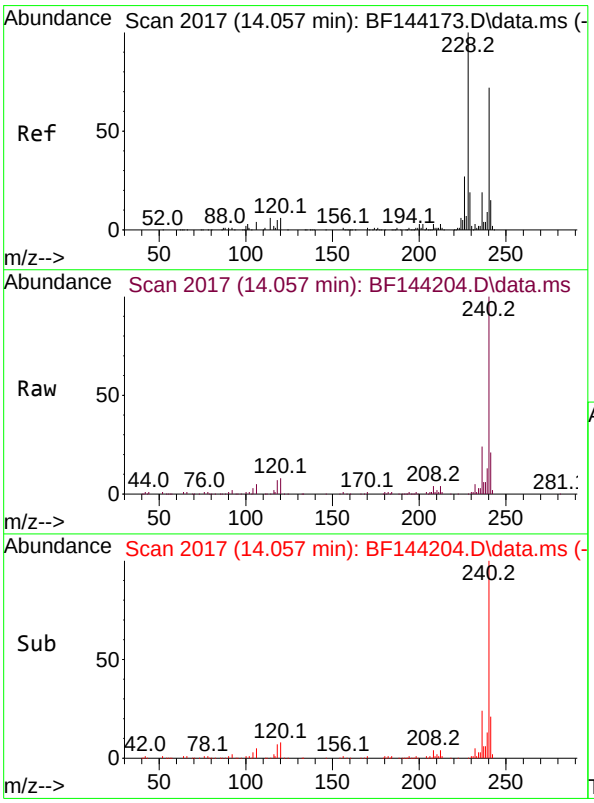
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Instrument :
BNA_F
ClientSampleId :
SW-3

Tgt Ion:188 Resp: 165829

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.2
80	8.7	6.9	10.3

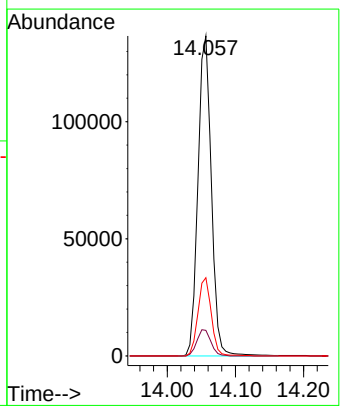


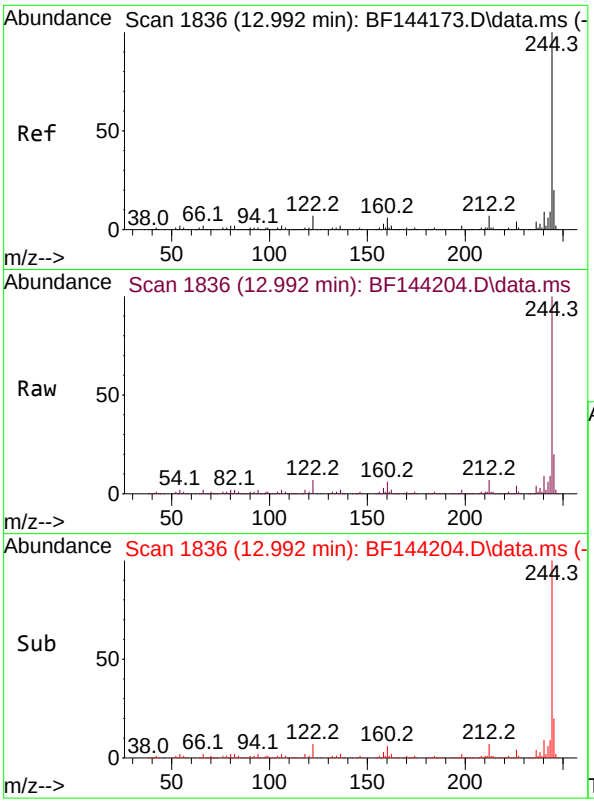


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:240 Resp: 186431

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.6	10.0
236	24.4	21.4	32.2



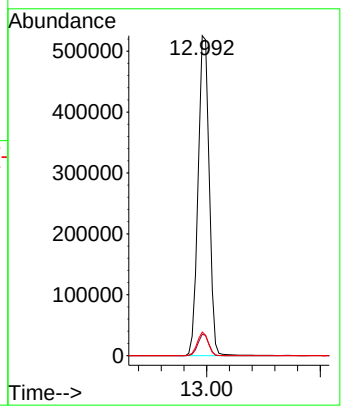


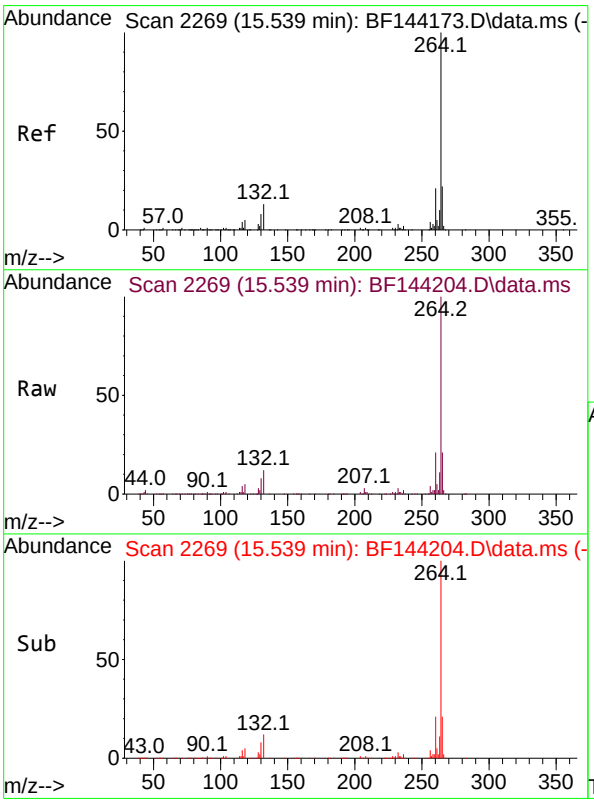
#79
Terphenyl-d14
Concen: 60.390 ng
RT: 12.992 min Scan# 18
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Instrument :
BNA_F
ClientSampleId :
SW-3

Tgt Ion:244 Resp: 708798

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.3	7.9
122	7.4	5.6	8.4

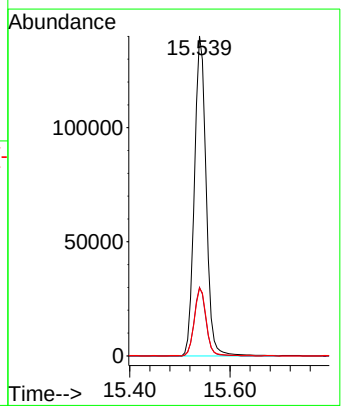




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:264 Resp: 227605

Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.1	25.7
265	21.2	17.4	26.0



Sample Results: **BF144204.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144204.D
Acq On : 11 Nov 2025 15:38
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-3

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144204.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	556	561	573	rBV	607908	835868	49.03%	8.990%
2	6.498	727	732	757	rBV	473187	652796	38.29%	7.021%
3	6.875	791	796	808	rVB	252942	322581	18.92%	3.469%
4	7.434	885	891	904	rBV	707073	925240	54.27%	9.951%
5	8.157	1009	1014	1029	rBV	297592	389086	22.82%	4.185%
6	9.233	1191	1197	1207	rBV	1237130	1601042	93.91%	17.220%
7	9.916	1307	1313	1326	rVB	311651	412897	24.22%	4.441%
8	10.328	1379	1383	1388	rVB	20042	23695	1.39%	0.255%
9	10.628	1429	1434	1442	rBV	30223	39252	2.30%	0.422%
10	10.704	1442	1447	1459	rBV	762623	987022	57.90%	10.616%
11	11.404	1561	1566	1573	rBV	300610	384033	22.53%	4.130%
12	11.927	1651	1655	1666	rBV7	10502	21127	1.24%	0.227%
13	12.992	1831	1836	1842	rBV	1283612	1704834	100.00%	18.336%
14	14.057	2009	2017	2024	rBV	340780	465218	27.29%	5.004%
15	15.539	2263	2269	2283	rBV	330139	533138	31.27%	5.734%

Sum of corrected areas: 9297829

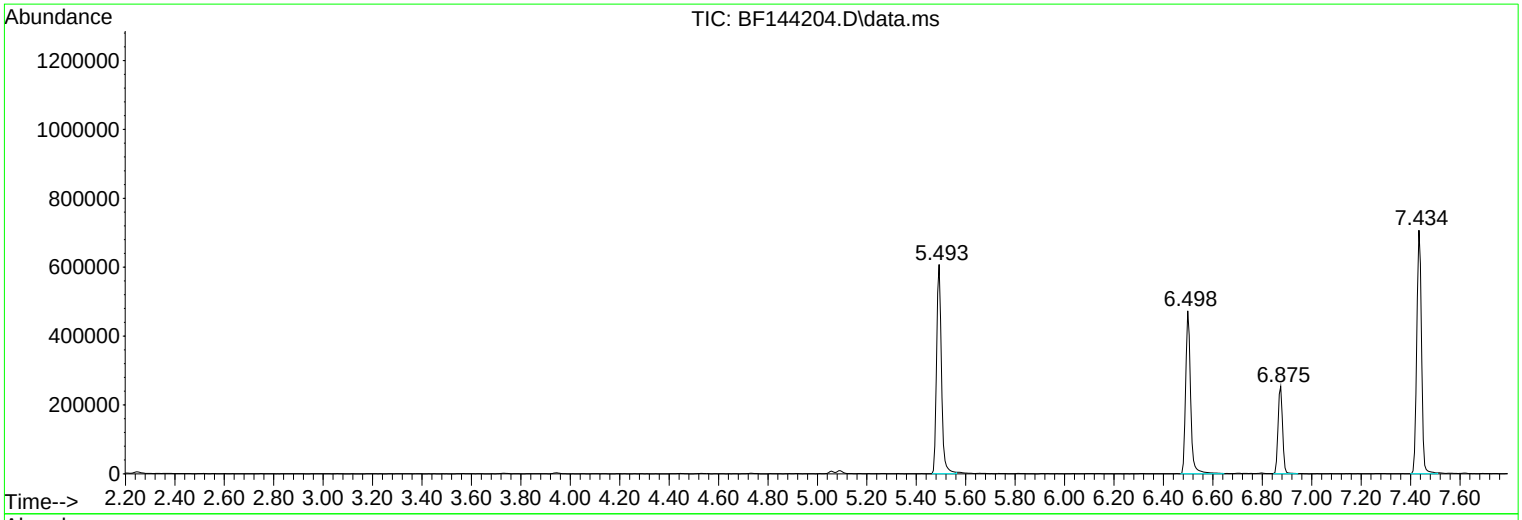
Sample Results: **BF144204.D**

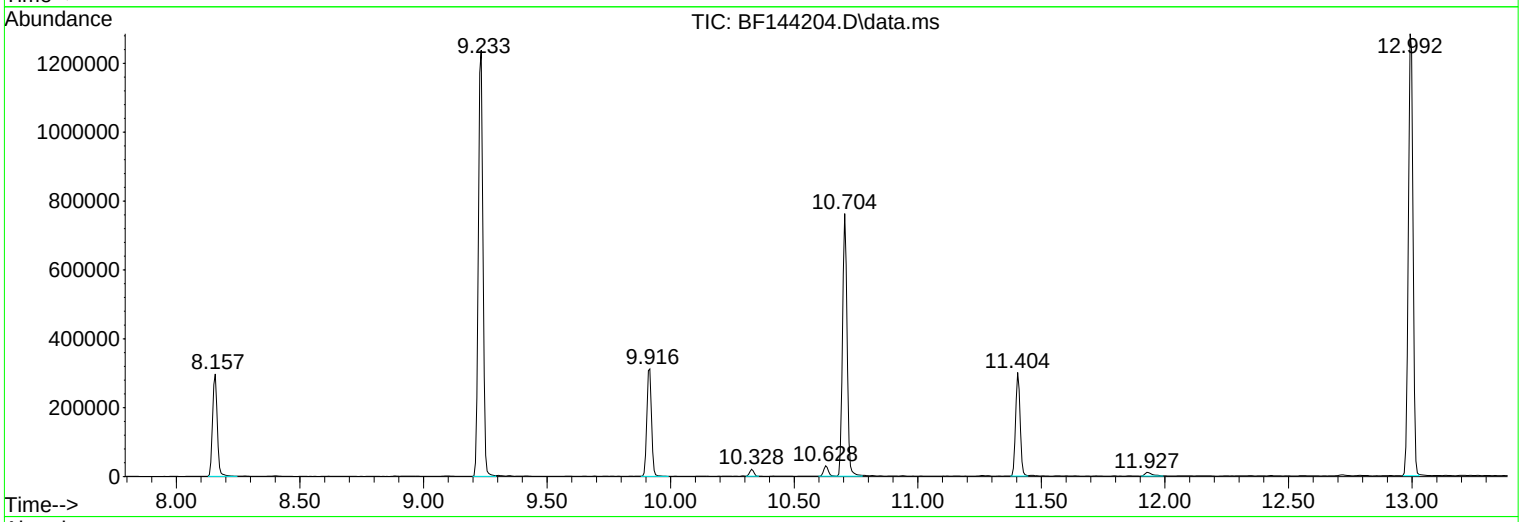
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144204.D
Acq On : 11 Nov 2025 15:38
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

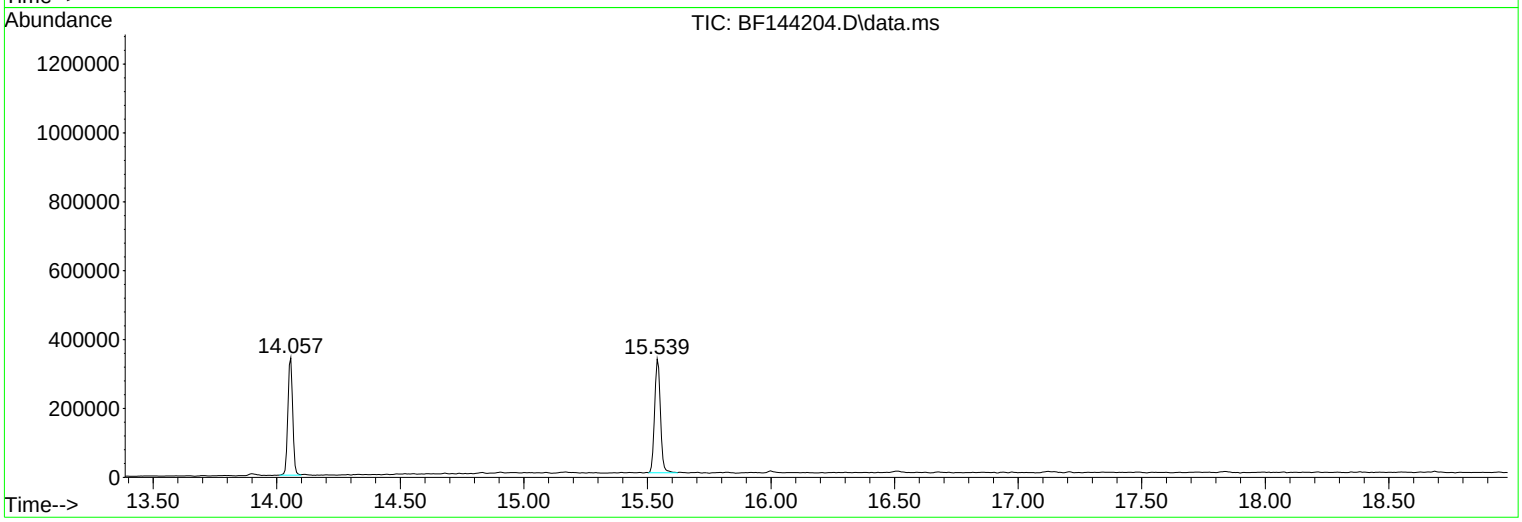
Instrument :
BNA_F
ClientSampleId :
SW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Library Search Compound Report

Sample Results: **BF144204.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144204.D
Acq On : 11 Nov 2025 15:38
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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\BF111125\
Data File : BF144204.D
Acq On : 11 Nov 2025 15:38
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144205.D
Acq On : 11 Nov 2025 16:07
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-2

Quant Time: Nov 11 16:27:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

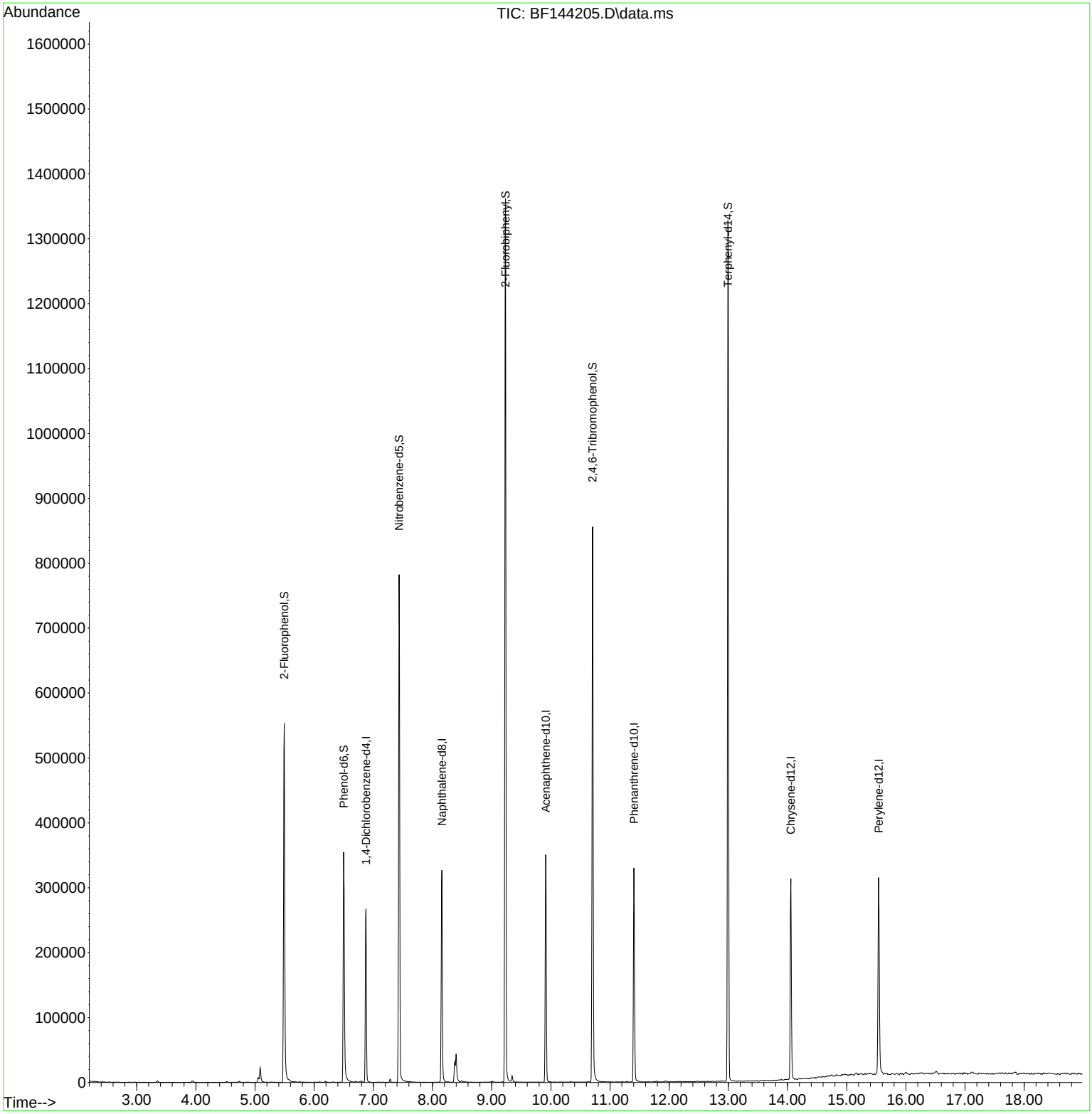
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	58254	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	216777	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	114918	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	186847	20.000	ng	0.00
76) Chrysene-d12	14.057	240	165680	20.000	ng	0.00
86) Perylene-d12	15.539	264	209451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	229143	61.555	ng	0.00
7) Phenol-d6	6.498	99	162660	38.563	ng	0.00
23) Nitrobenzene-d5	7.434	82	325762	86.791	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	169687	117.668	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	647178	83.176	ng	0.00
79) Terphenyl-d14	12.992	244	710957	68.161	ng	0.00
Target Compounds						Qvalue

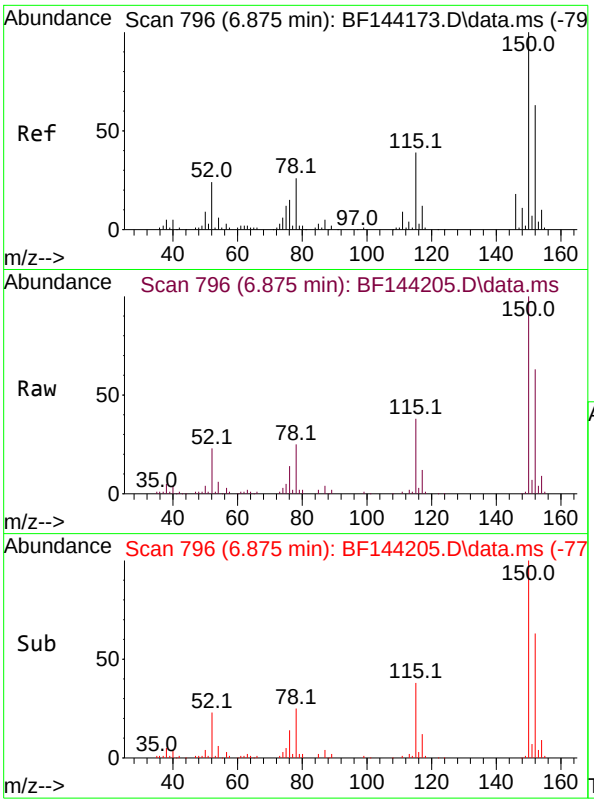
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144205.D
Acq On : 11 Nov 2025 16:07
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-2

Quant Time: Nov 11 16:27:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



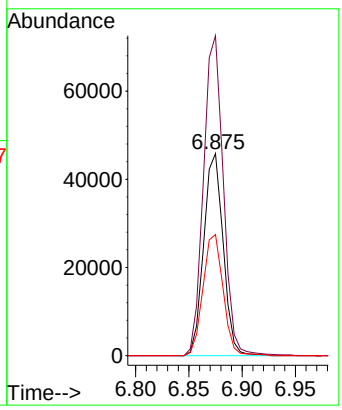


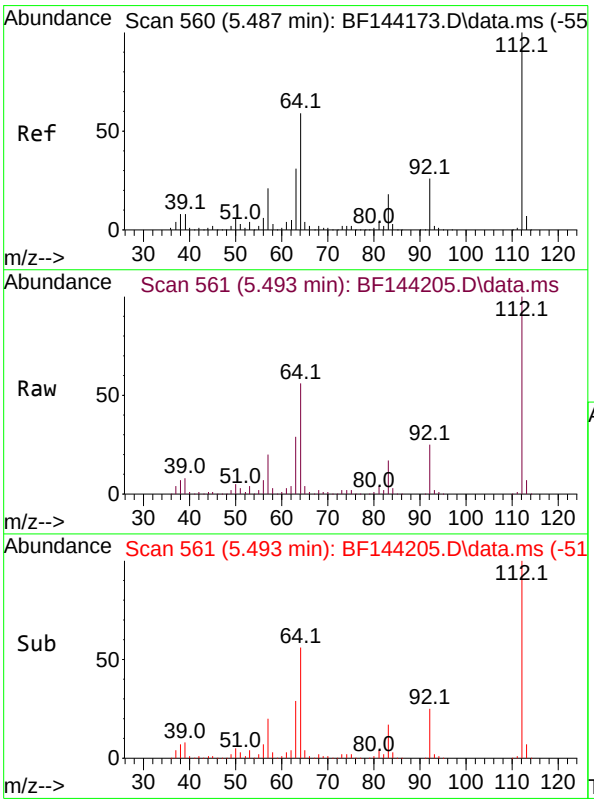
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Instrument :
BNA_F
ClientSampleId :
EB-2

Tgt Ion:152 Resp: 58254

Ion	Ratio	Lower	Upper
152	100		
150	158.3	127.4	191.0
115	59.9	49.5	74.3

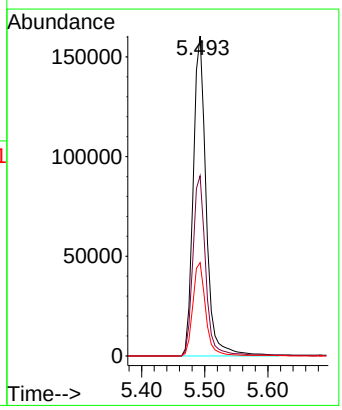


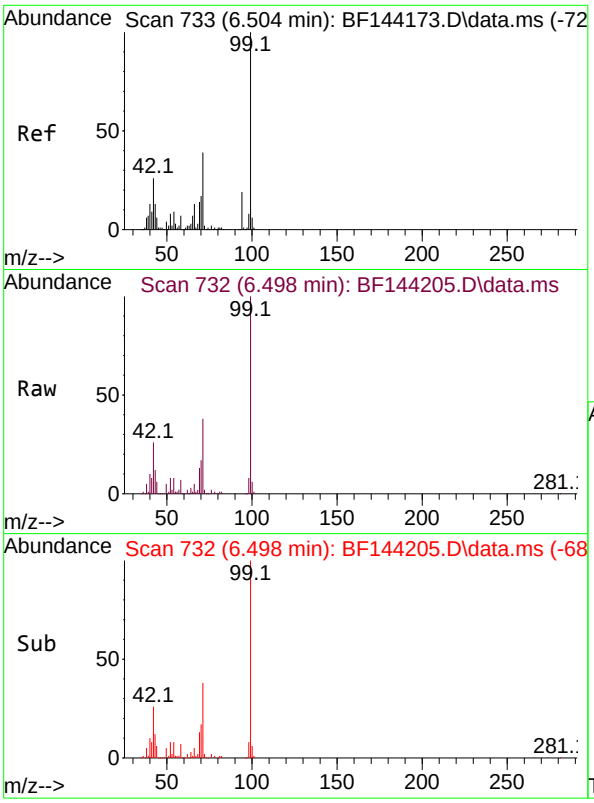


#5
2-Fluorophenol
Concen: 61.555 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Tgt Ion:112 Resp: 229143

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.2	70.8
63	29.1	24.4	36.6



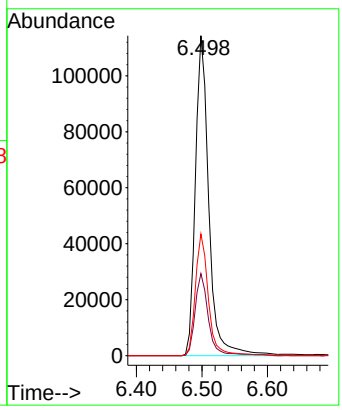


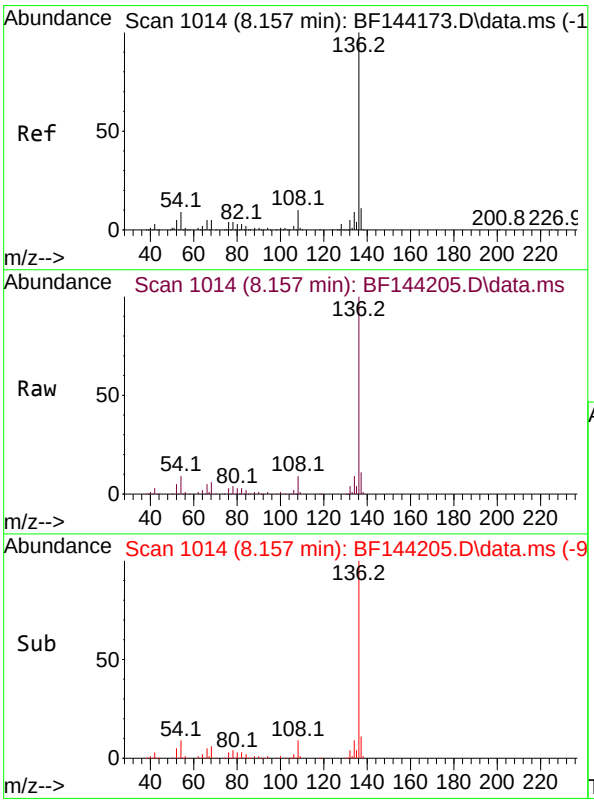
#7
Phenol-d6
Concen: 38.563 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Instrument :
BNA_F
ClientSampleId :
EB-2

Tgt Ion: 99 Resp: 162660

Ion	Ratio	Lower	Upper
99	100		
42	25.6	20.9	31.3
71	38.0	31.4	47.2

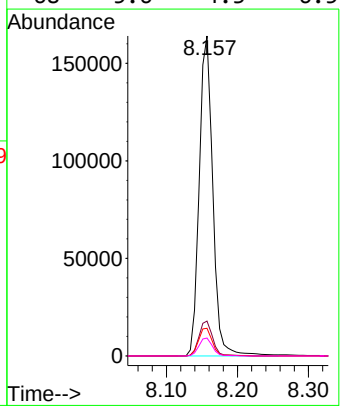


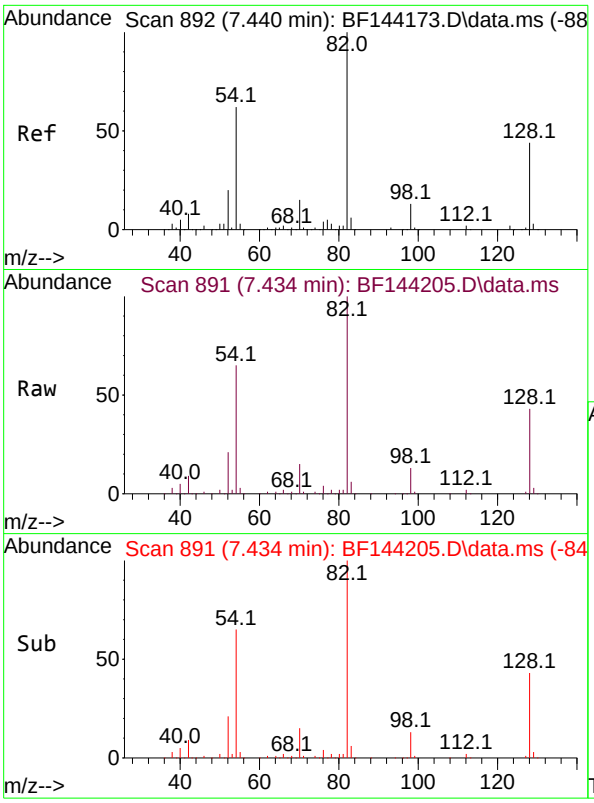


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Tgt Ion:136 Resp: 216777

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.6	7.0	10.6
68	5.6	4.3	6.5



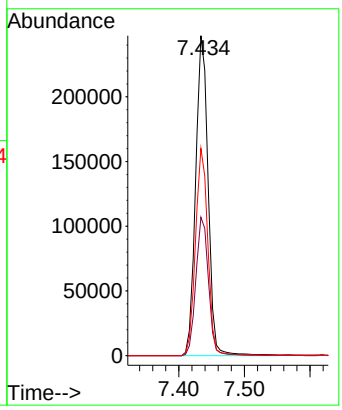


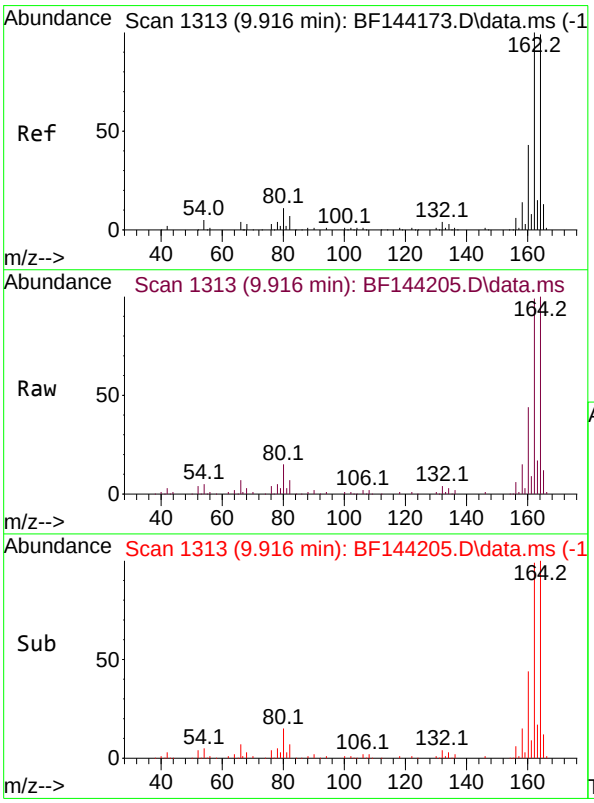
#23
Nitrobenzene-d5
Concen: 86.791 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Instrument :
BNA_F
ClientSampleId :
EB-2

Tgt Ion: 82 Resp: 325762

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.7	52.1
54	64.8	49.5	74.3

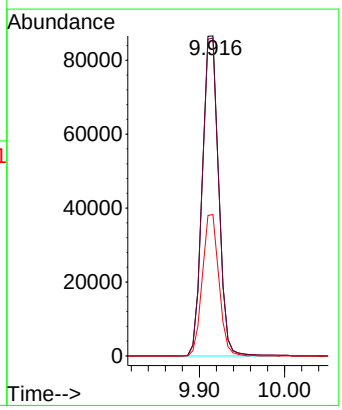




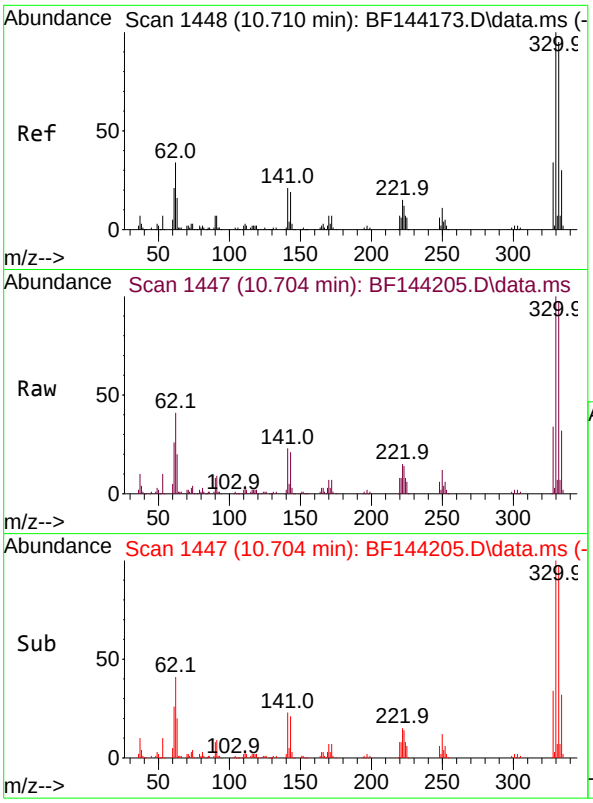
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Tgt Ion:164 Resp: 114918

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.1	121.7
160	44.2	34.5	51.7



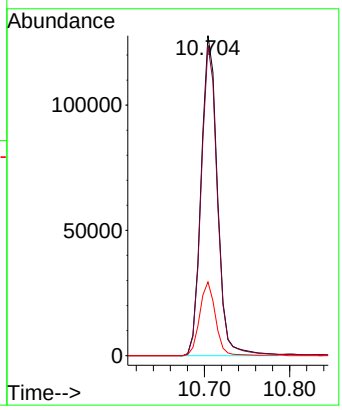
Instrument :
BNA_F
ClientSampleId :
EB-2

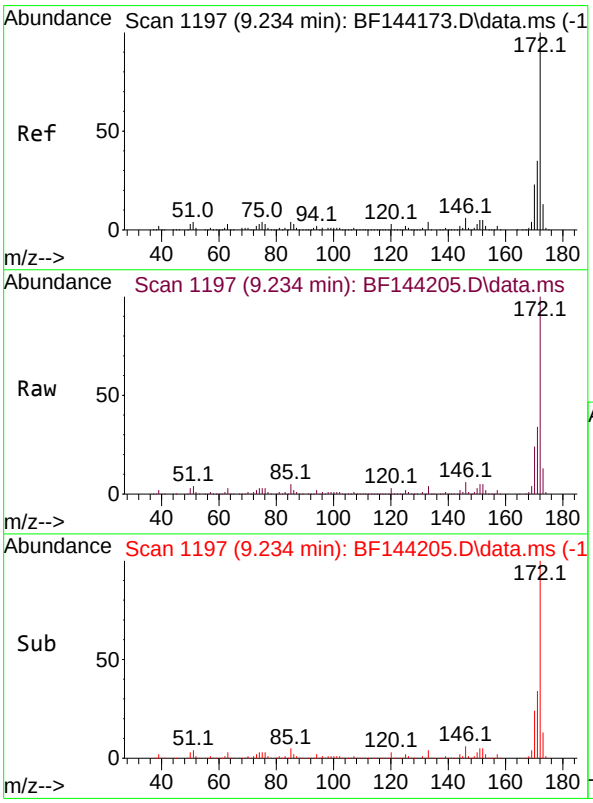


#42
2,4,6-Tribromophenol
Concen: 117.668 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Tgt Ion:330 Resp: 169687

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.7	115.1
141	22.3	17.8	26.8

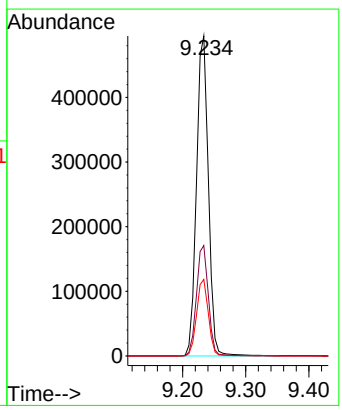


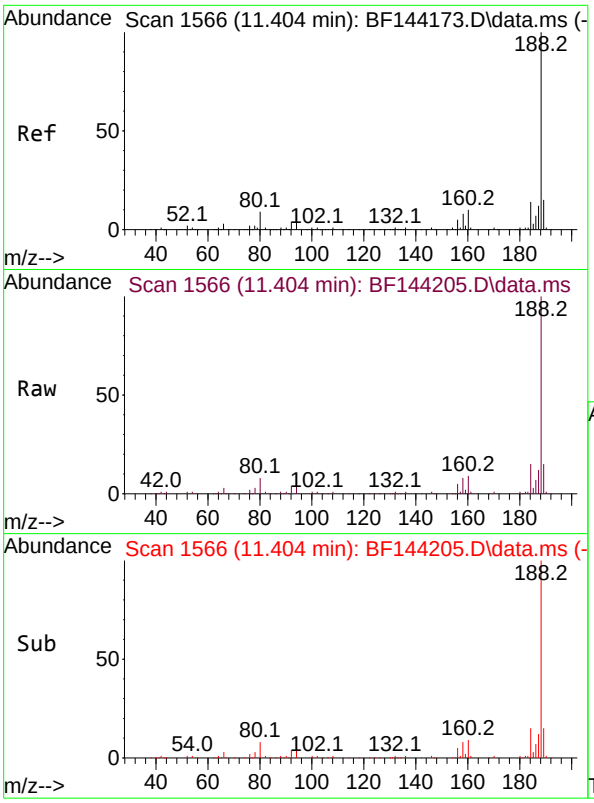


#45
2-Fluorobiphenyl
Concen: 83.176 ng
RT: 9.234 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Tgt Ion:172 Resp: 647178

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.1	42.1
170	23.9	18.6	28.0



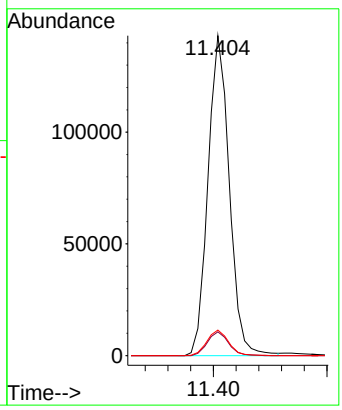


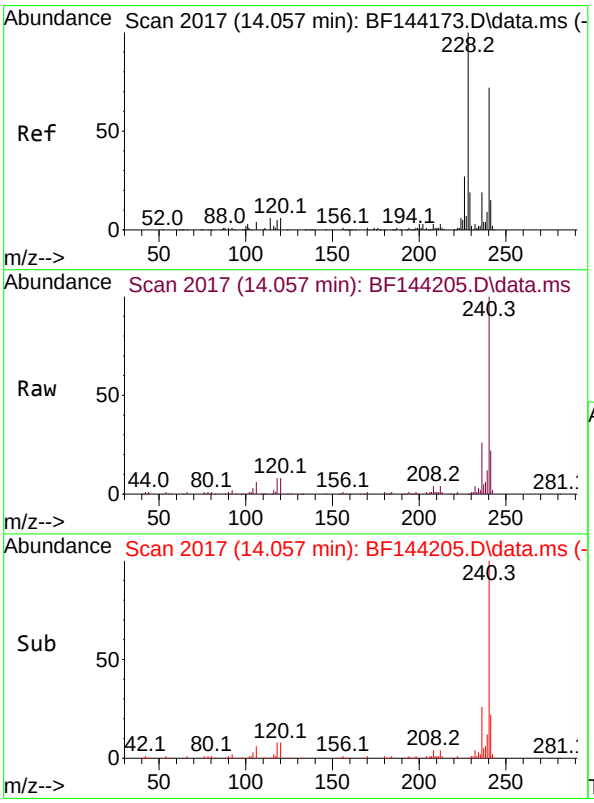
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Instrument :
BNA_F
ClientSampleId :
EB-2

Tgt Ion:188 Resp: 186847

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.2
80	8.0	6.9	10.3

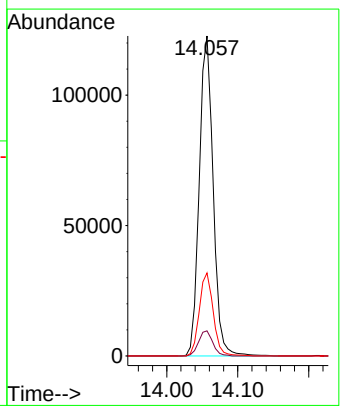


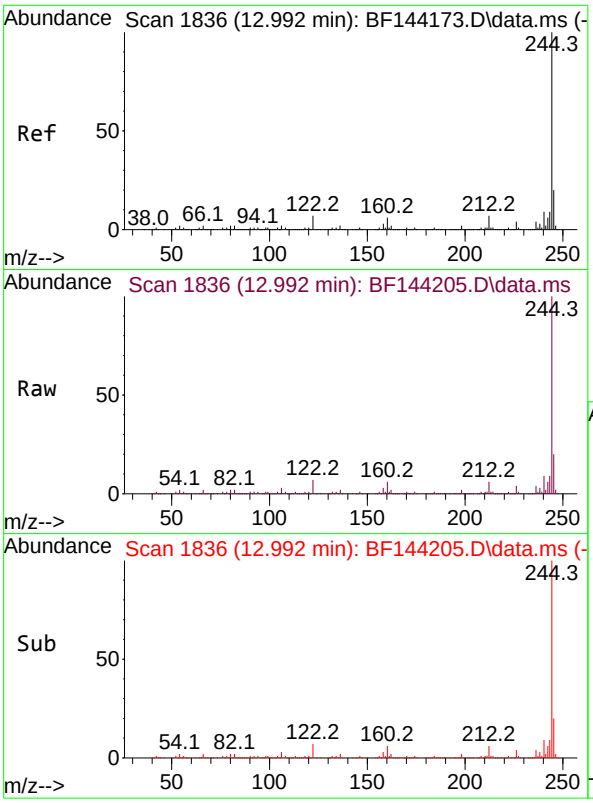


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Tgt Ion:240 Resp: 165680

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.6	10.0
236	25.9	21.4	32.2



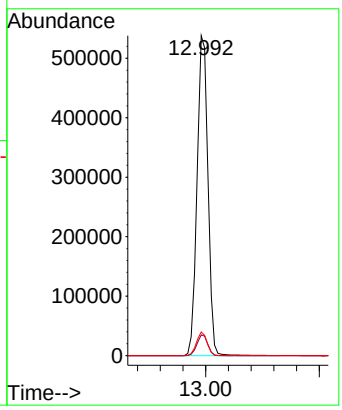


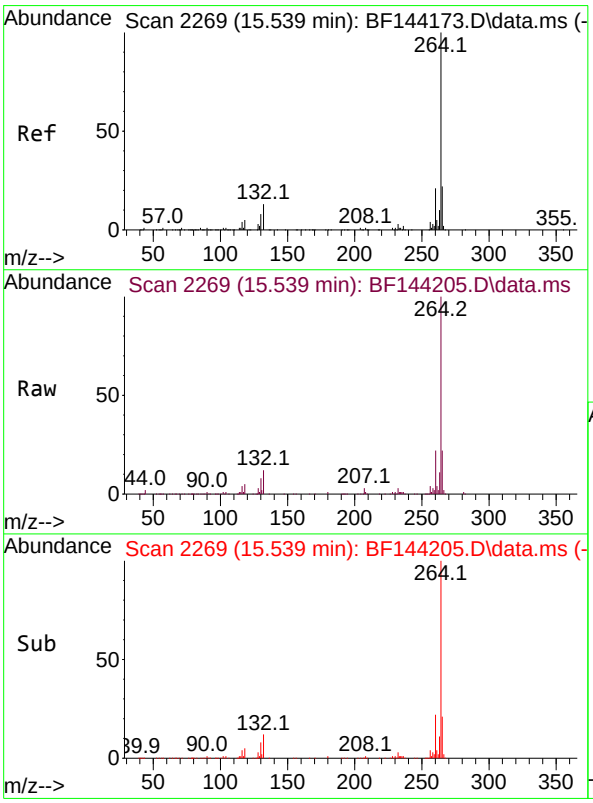
#79
Terphenyl-d14
Concen: 68.161 ng
RT: 12.992 min Scan# 18
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Instrument :
BNA_F
ClientSampleId :
EB-2

Tgt Ion:244 Resp: 710957

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	7.4	5.6	8.4

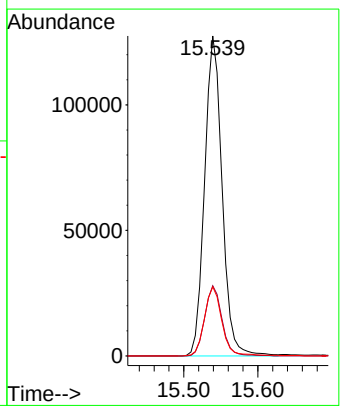




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Tgt Ion:264 Resp: 209451

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.1	25.7
265	21.6	17.4	26.0



Sample Results: **BF144205.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144205.D
Acq On : 11 Nov 2025 16:07
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-2

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144205.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	489	492	499	rVB	21388	30036	1.69%	0.312%
2	5.493	555	561	573	rBV	553380	780840	43.90%	8.117%
3	6.498	727	732	756	rBV	354493	499462	28.08%	5.192%
4	6.875	791	796	805	rBV	267037	343079	19.29%	3.567%
5	7.434	886	891	908	rBV	782366	1028598	57.83%	10.693%
6	8.157	1009	1014	1028	rVB	326495	424443	23.86%	4.412%
7	8.375	1046	1051	1052	rBV	30646	36125	2.03%	0.376%
8	8.398	1052	1055	1065	rVB	42717	65035	3.66%	0.676%
9	9.234	1191	1197	1211	rBV	1361214	1778747	100.00%	18.491%
10	9.910	1307	1312	1321	rBV	350289	461696	25.96%	4.800%
11	10.704	1442	1447	1462	rBV	855720	1116585	62.77%	11.608%
12	11.404	1561	1566	1575	rBV	329625	427017	24.01%	4.439%
13	12.992	1831	1836	1842	rBV	1326052	1719811	96.69%	17.878%
14	14.057	2011	2017	2028	rBV	309247	413604	23.25%	4.300%
15	15.539	2263	2269	2283	rVB	303391	494375	27.79%	5.139%

Sum of corrected areas: 9619453

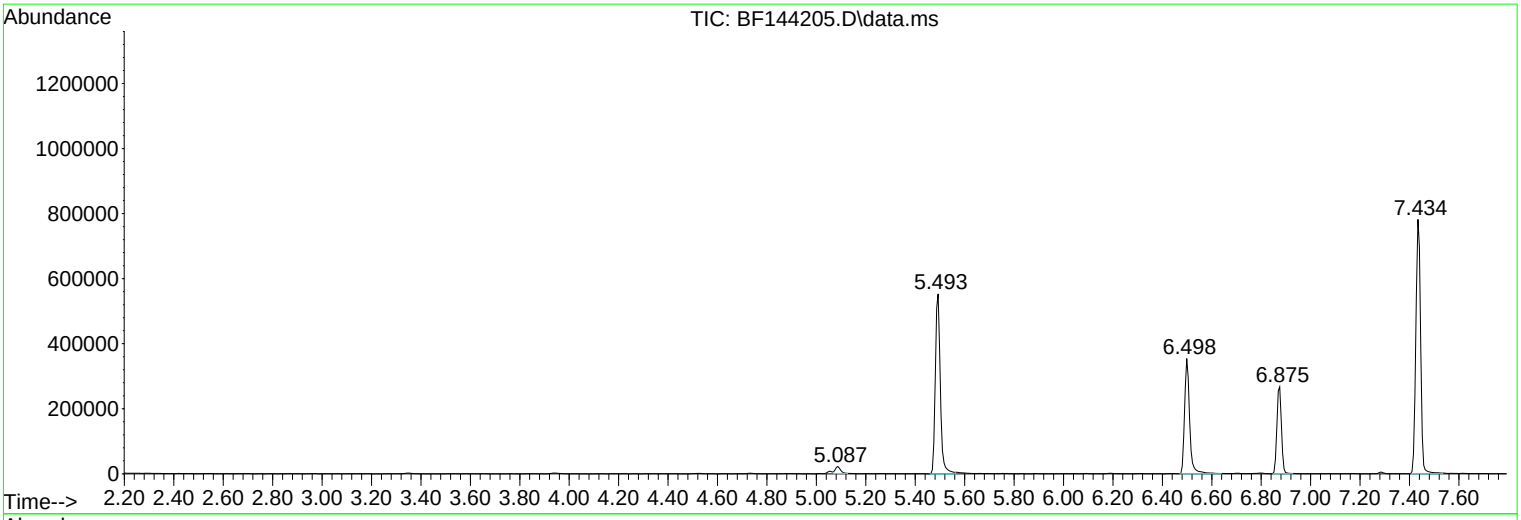
Sample Results: **BF144205.D**

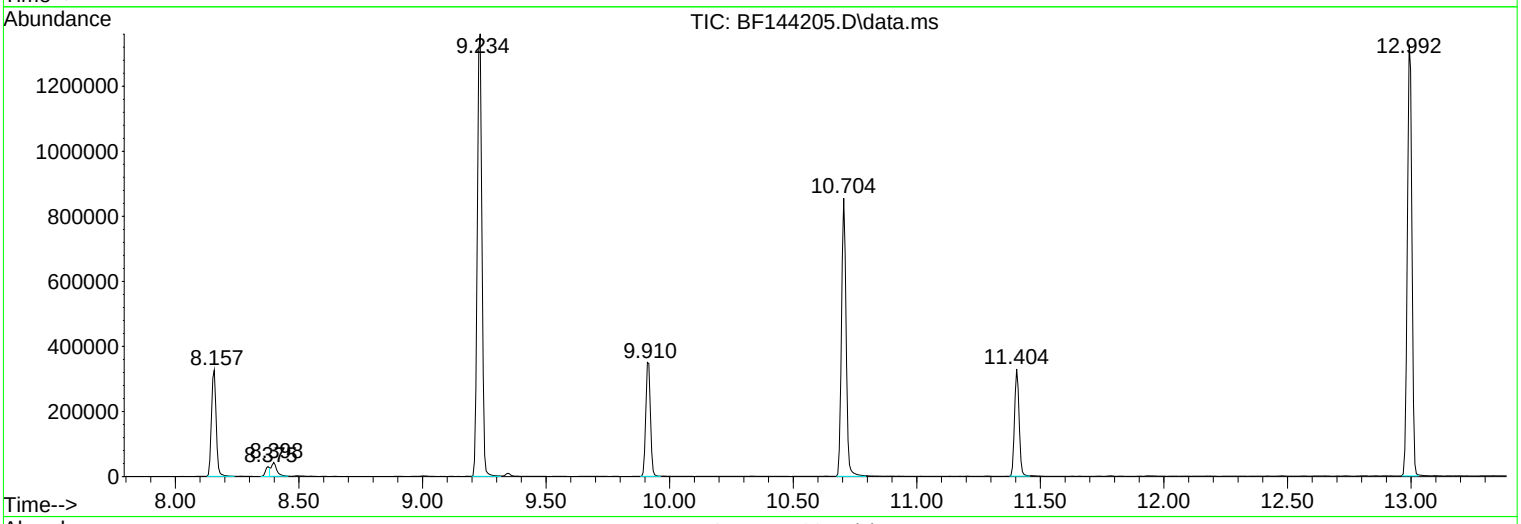
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144205.D
Acq On : 11 Nov 2025 16:07
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

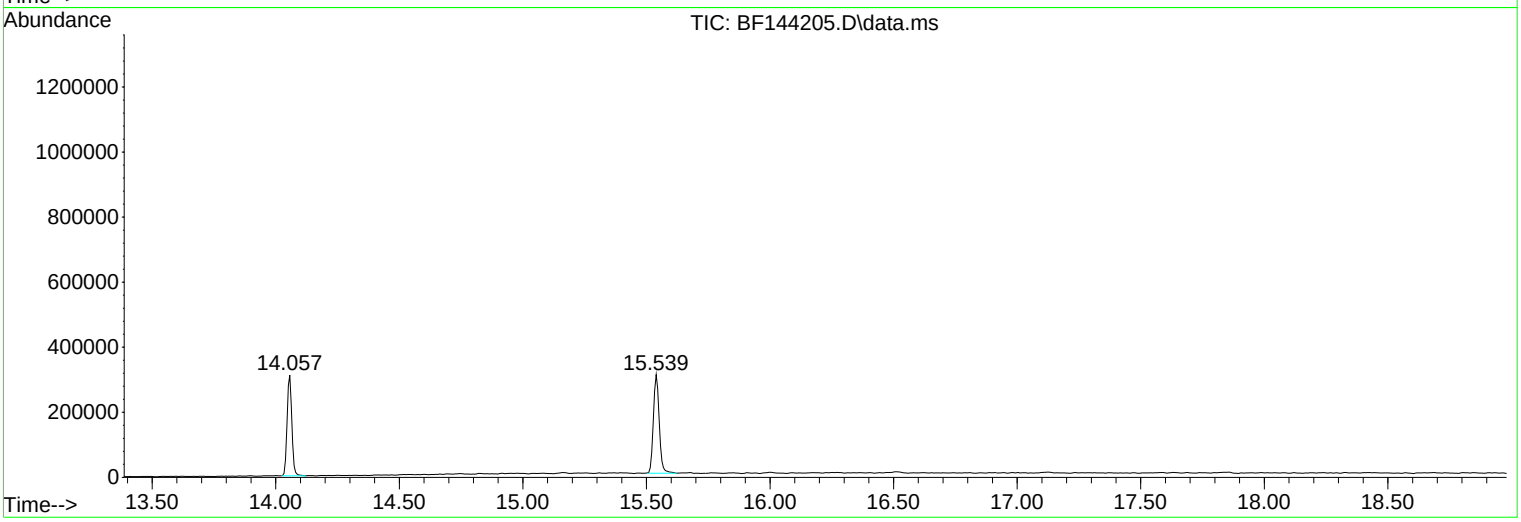
Instrument :
BNA_F
ClientSampleId :
EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p







Library Search Compound Report

Sample Results: **BF144205.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144205.D
Acq On : 11 Nov 2025 16:07
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144205.D
Acq On : 11 Nov 2025 16:07
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144202.D
Acq On : 11 Nov 2025 14:39
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-2

Quant Time: Nov 11 14:59:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

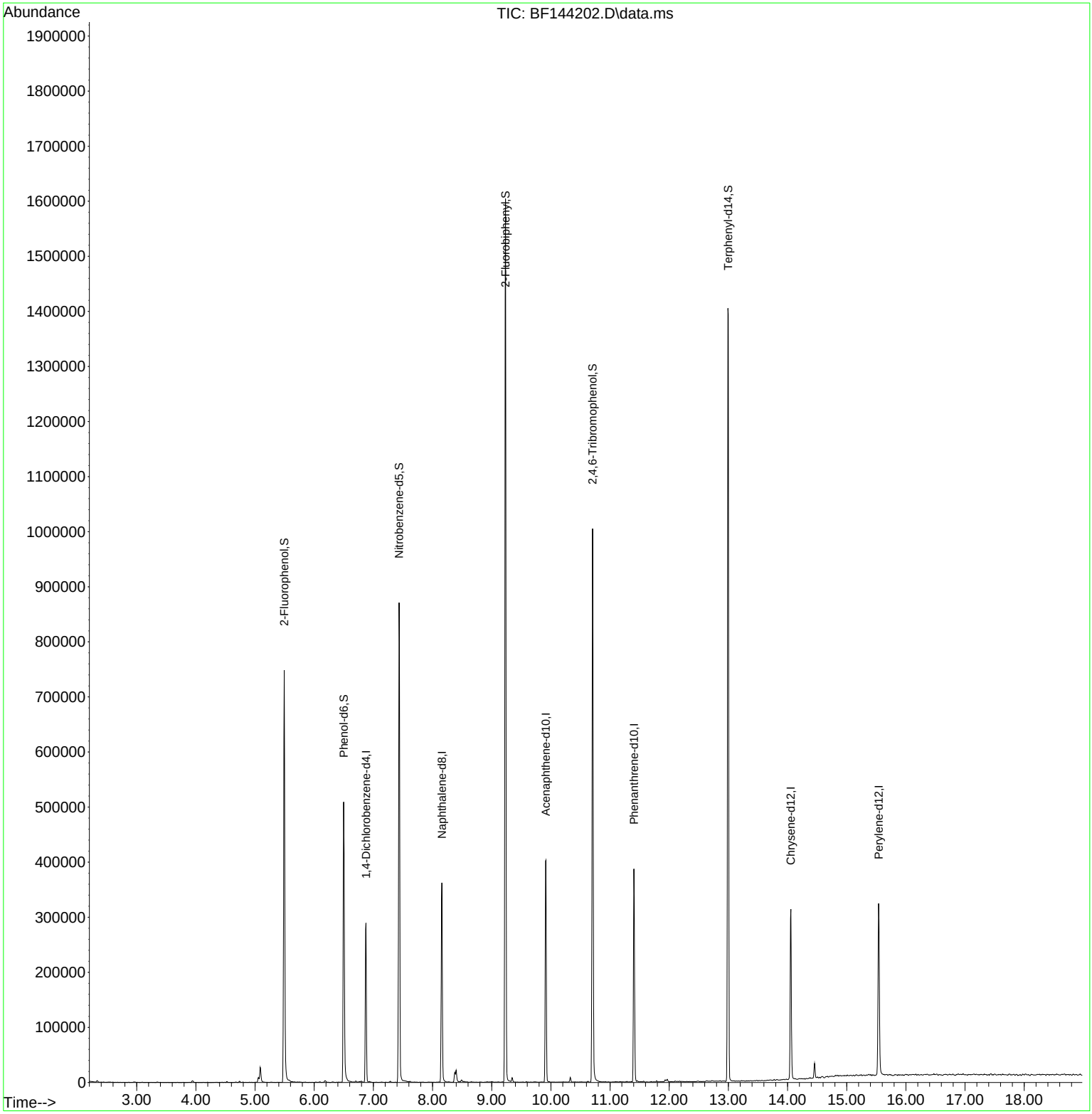
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	61823	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	239622	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	129099	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	212852	20.000	ng	0.00
76) Chrysene-d12	14.057	240	168567	20.000	ng	0.00
86) Perylene-d12	15.539	264	214547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	292737	74.098	ng	0.00
7) Phenol-d6	6.498	99	225988	50.484	ng	0.00
23) Nitrobenzene-d5	7.433	82	371283	89.489	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	201560	124.416	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	743660	85.077	ng	0.00
79) Terphenyl-d14	12.998	244	776348	73.155	ng	0.00
Target Compounds						Qvalue

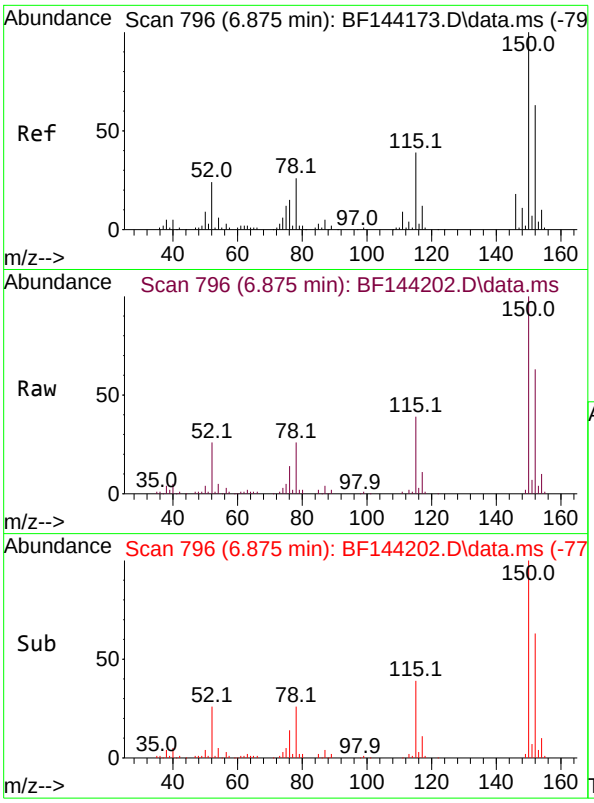
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144202.D
Acq On : 11 Nov 2025 14:39
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-2

Quant Time: Nov 11 14:59:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



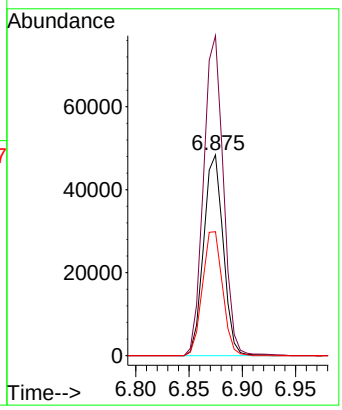


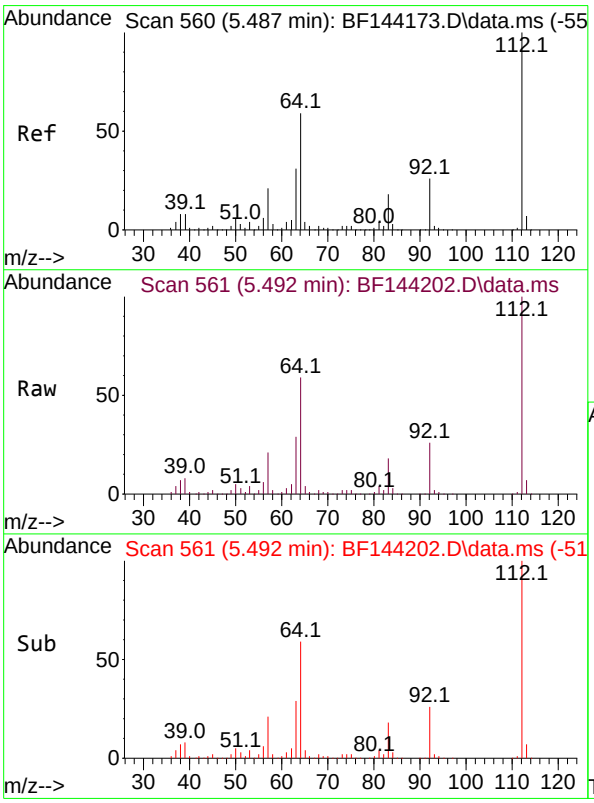
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Instrument :
BNA_F
ClientSampleId :
FB-2

Tgt Ion:152 Resp: 61823

Ion	Ratio	Lower	Upper
152	100		
150	159.5	127.4	191.0
115	61.8	49.5	74.3

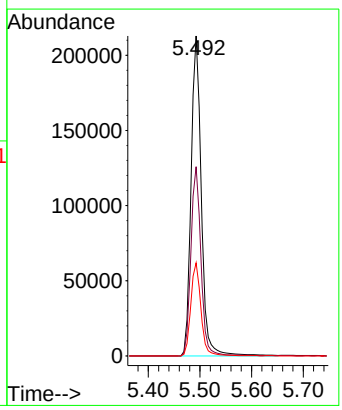


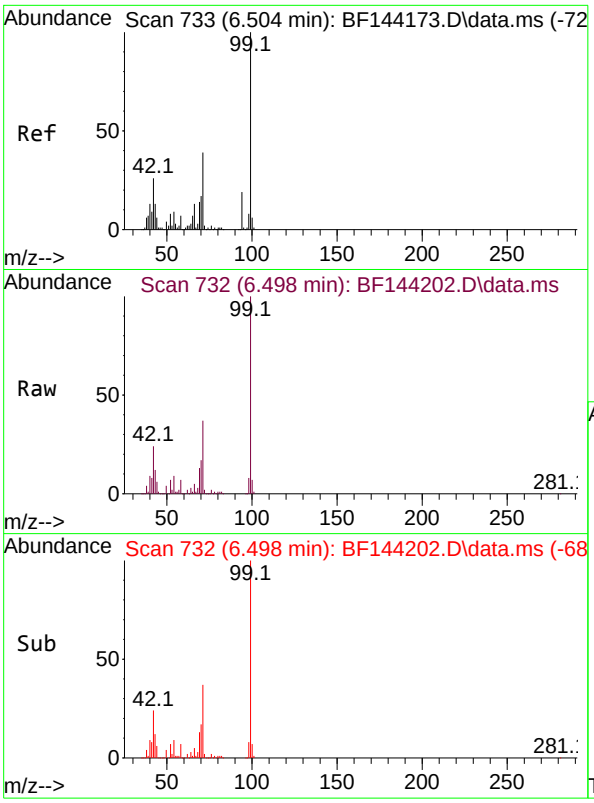


#5
2-Fluorophenol
Concen: 74.098 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion:112 Resp: 292737

Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.2	70.8
63	29.1	24.4	36.6



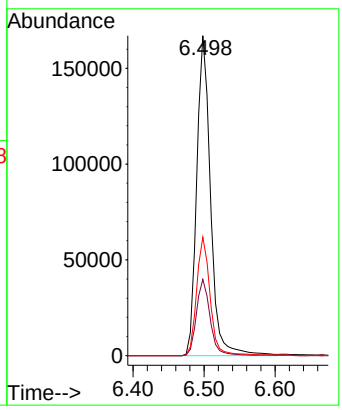


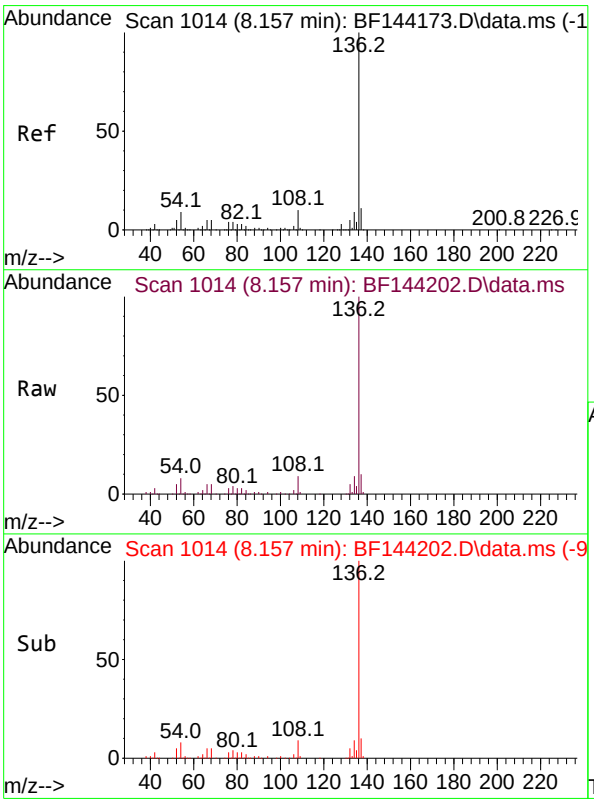
#7
Phenol-d6
Concen: 50.484 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Instrument :
BNA_F
ClientSampleId :
FB-2

Tgt Ion: 99 Resp: 225988

Ion	Ratio	Lower	Upper
99	100		
42	23.8	20.9	31.3
71	37.0	31.4	47.2

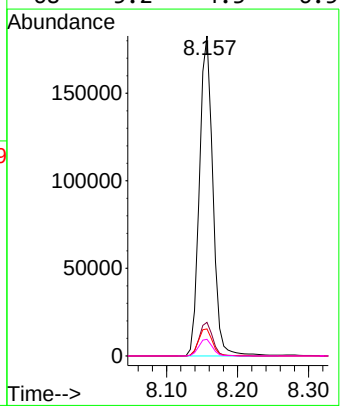


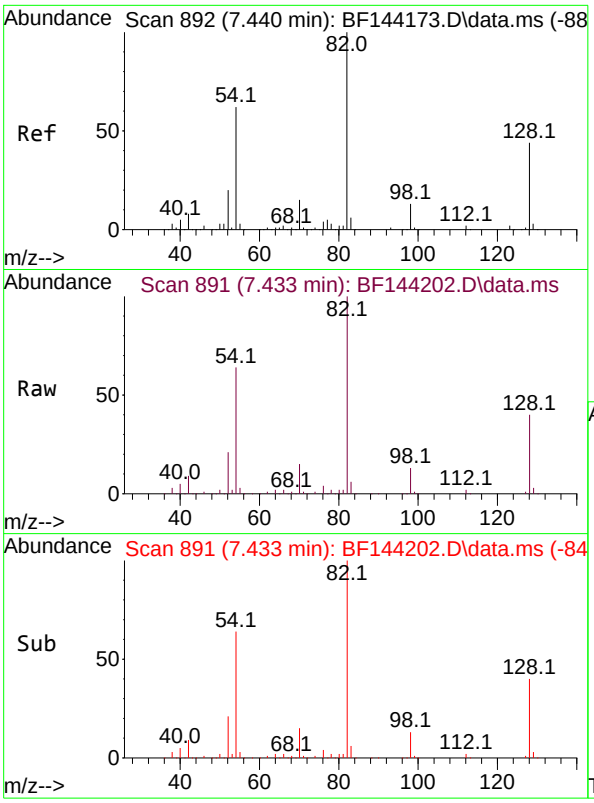


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion:136 Resp: 239622

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.4	7.0	10.6
68	5.2	4.3	6.5



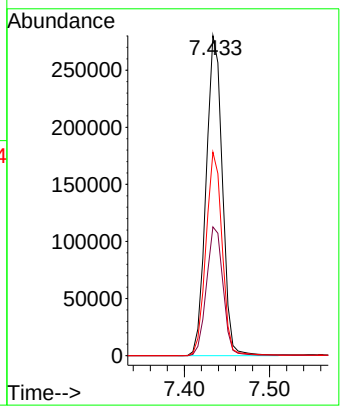


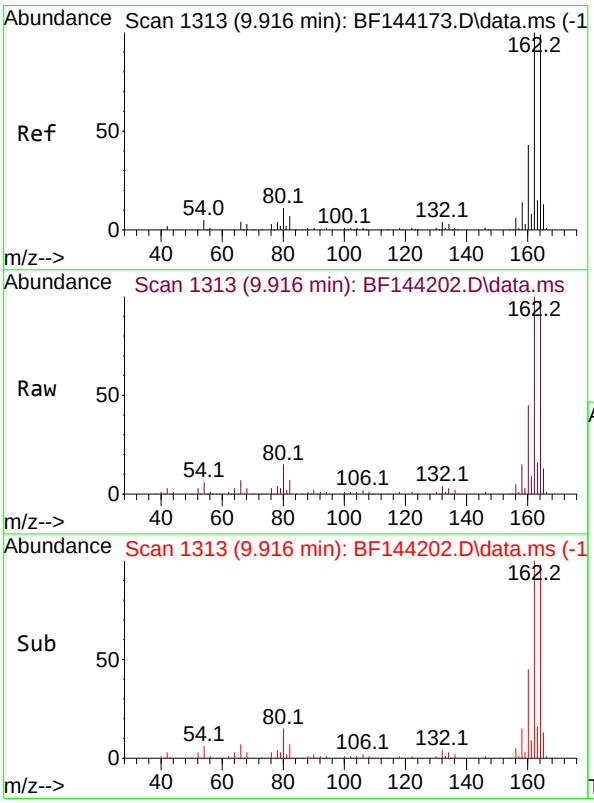
#23
Nitrobenzene-d5
Concen: 89.489 ng
RT: 7.433 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Instrument :
BNA_F
ClientSampleId :
FB-2

Tgt Ion: 82 Resp: 371283

Ion	Ratio	Lower	Upper
82	100		
128	40.2	34.7	52.1
54	63.6	49.5	74.3

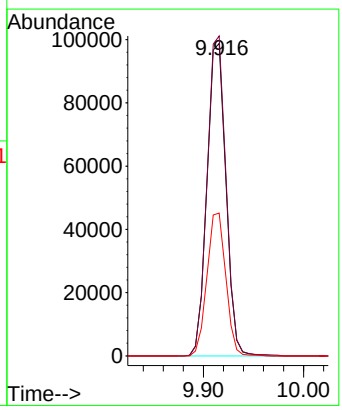


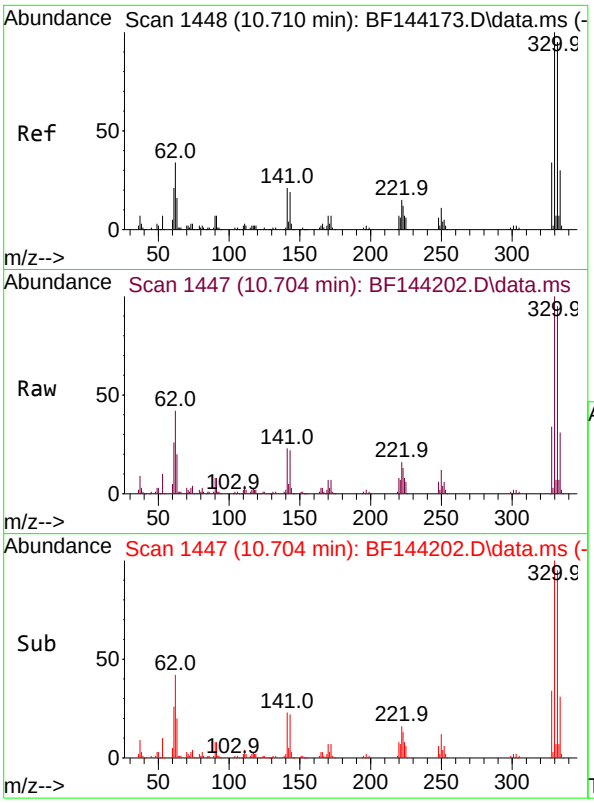


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion:164 Resp: 129099

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.1	121.7
160	45.7	34.5	51.7



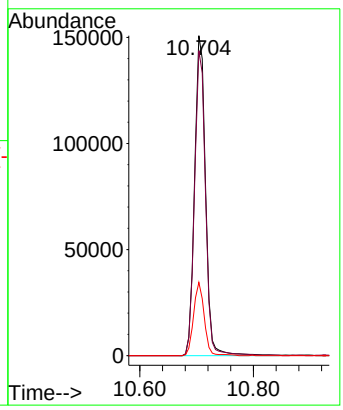


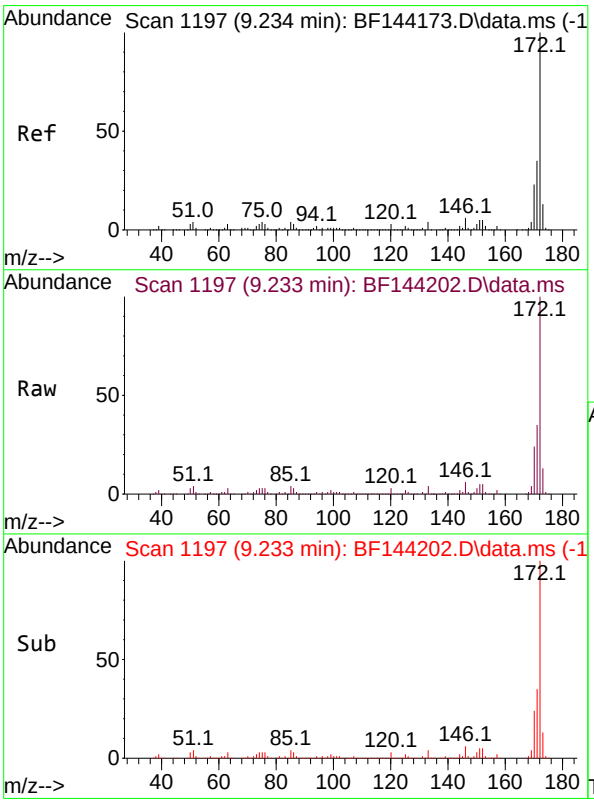
#42
2,4,6-Tribromophenol
Concen: 124.416 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Instrument :
BNA_F
ClientSampleId :
FB-2

Tgt Ion:330 Resp: 201560

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.7	115.1
141	22.2	17.8	26.8

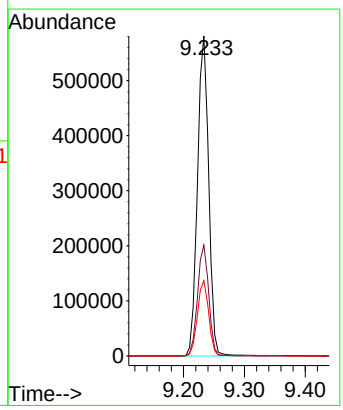


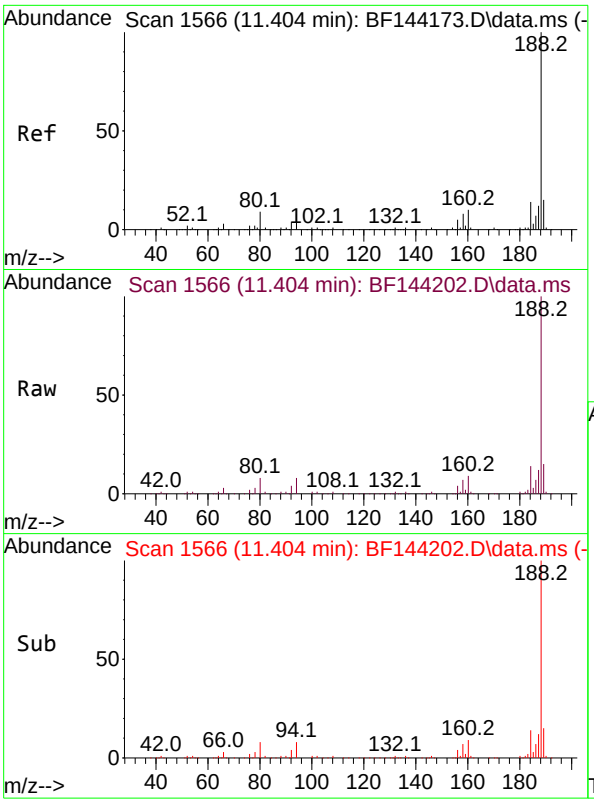


#45
2-Fluorobiphenyl
Concen: 85.077 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion:172 Resp: 743660

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	23.5	18.6	28.0



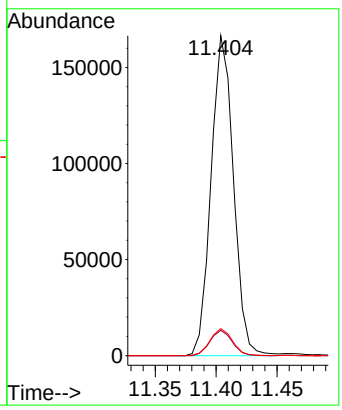


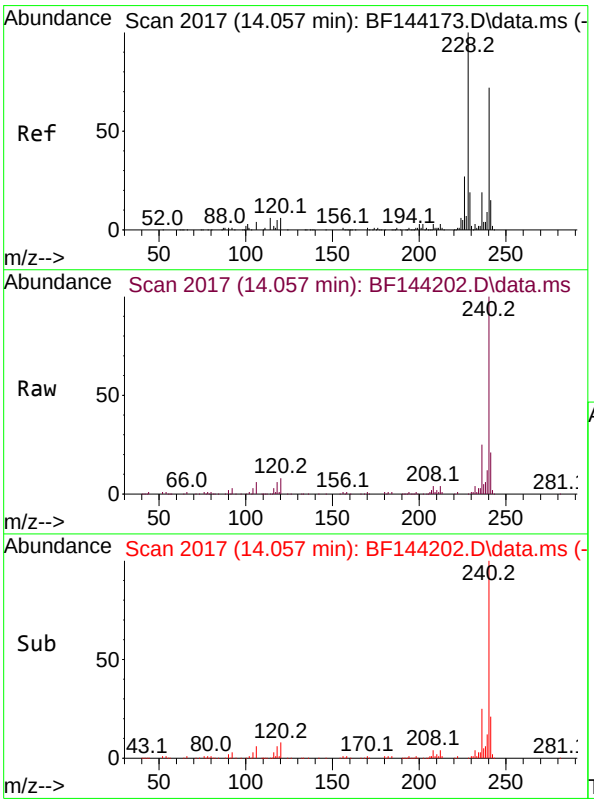
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Instrument :
BNA_F
ClientSampleId :
FB-2

Tgt Ion:188 Resp: 212852

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.2	9.2
80	8.4	6.9	10.3

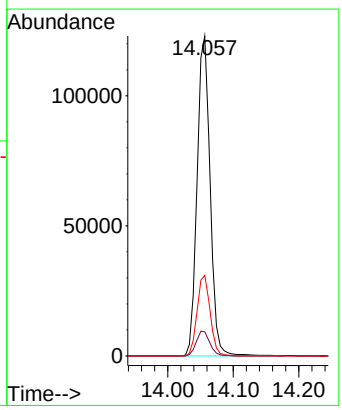


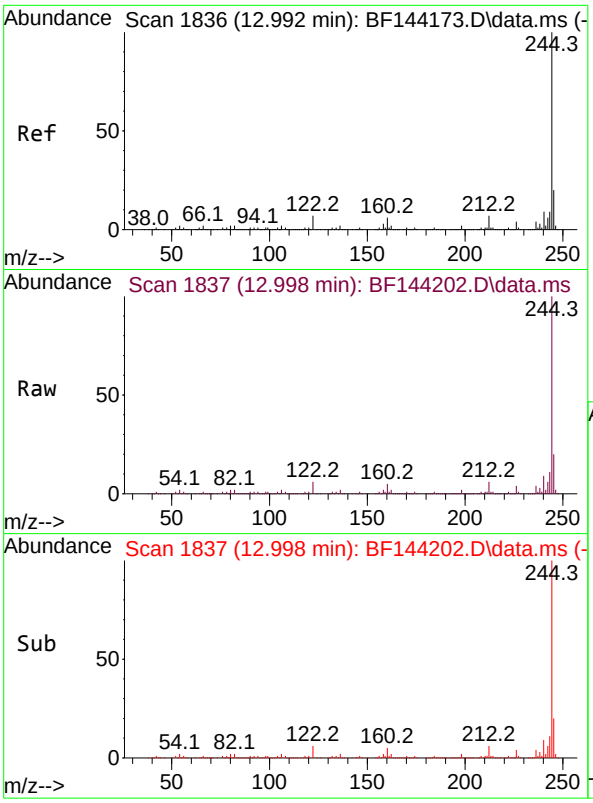


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion:240 Resp: 168567

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.6	10.0
236	25.2	21.4	32.2



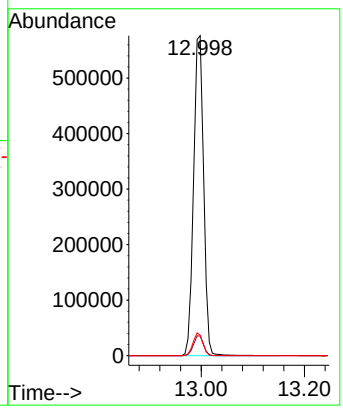


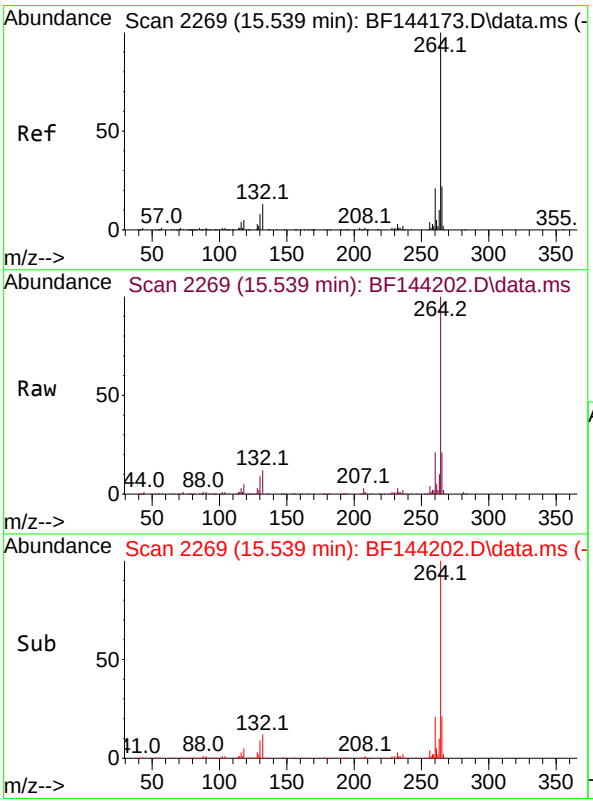
#79
Terphenyl-d14
Concen: 73.155 ng
RT: 12.998 min Scan# 18
Delta R.T. 0.006 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Instrument :
BNA_F
ClientSampleId :
FB-2

Tgt Ion:244 Resp: 776348

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.3	7.9
122	6.4	5.6	8.4

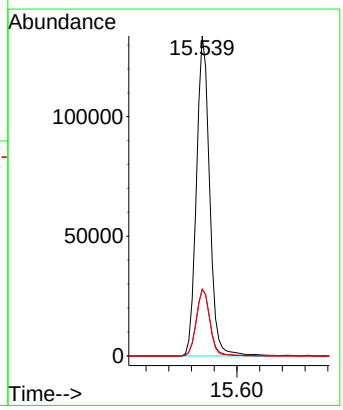




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion:264 Resp: 214547

Ion	Ratio	Lower	Upper
264	100		
260	20.8	17.1	25.7
265	20.9	17.4	26.0



Sample Results: **BF144202.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144202.D
Acq On : 11 Nov 2025 14:39
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-2

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144202.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	489	492	503	rVB	26852	40657	1.99%	0.370%
2	5.492	556	561	574	rBV	748094	1012528	49.65%	9.210%
3	6.498	727	732	751	rBV	509131	686540	33.66%	6.245%
4	6.875	791	796	803	rBV	288814	371459	18.21%	3.379%
5	7.433	885	891	902	rBV	870938	1154397	56.60%	10.501%
6	8.157	1008	1014	1029	rBV	362007	473153	23.20%	4.304%
7	8.375	1047	1051	1053	rBV	17795	25121	1.23%	0.229%
8	8.398	1053	1055	1062	rVB	21200	26921	1.32%	0.245%
9	9.233	1191	1197	1202	rBV	1603675	2039481	100.00%	18.552%
10	9.916	1307	1313	1321	rBV	402655	525722	25.78%	4.782%
11	10.704	1442	1447	1466	rBV	1004750	1310381	64.25%	11.920%
12	11.404	1561	1566	1573	rBV	386563	489922	24.02%	4.456%
13	12.992	1831	1836	1842	rBV	1403242	1879904	92.18%	17.100%
14	14.057	2009	2017	2025	rBV	309517	423772	20.78%	3.855%
15	14.457	2080	2085	2090	rBV2	26574	34988	1.72%	0.318%
16	15.539	2263	2269	2283	rBV	310800	498559	24.45%	4.535%

Sum of corrected areas: 10993505

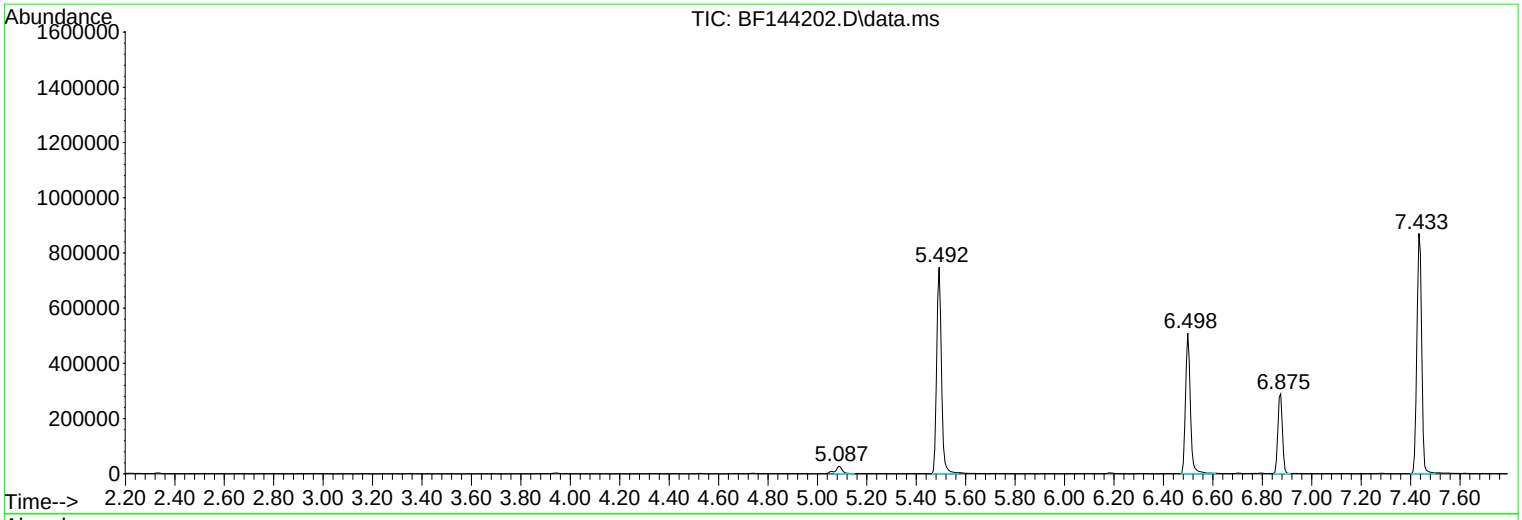
Sample Results: **BF144202.D**

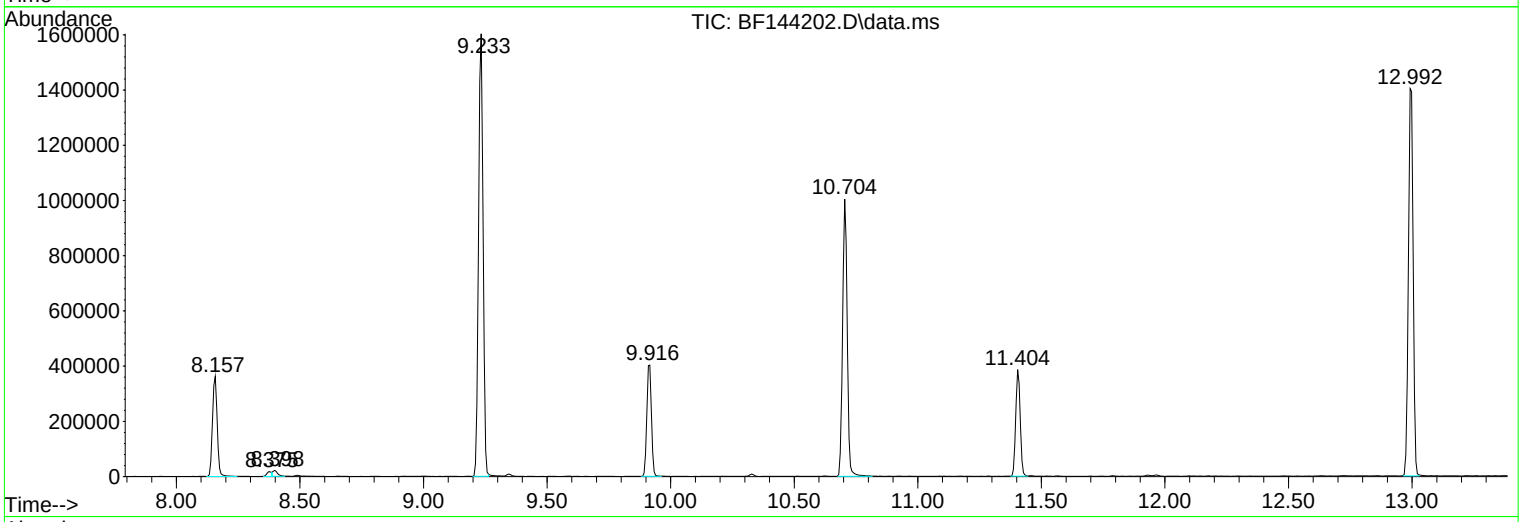
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144202.D
Acq On : 11 Nov 2025 14:39
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

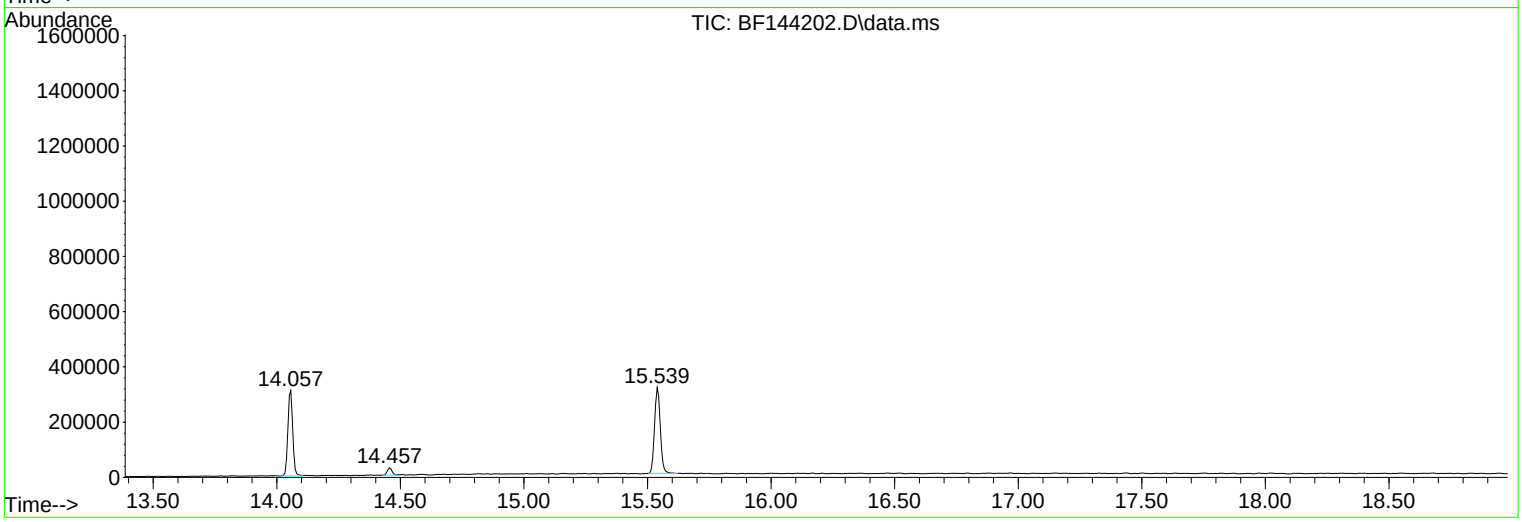
Instrument :
BNA_F
ClientSampleId :
FB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Library Search Compound Report

Sample Results: **BF144202.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144202.D
Acq On : 11 Nov 2025 14:39
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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\BF111125\
Data File : BF144202.D
Acq On : 11 Nov 2025 14:39
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Quant Time: Nov 12 01:48:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	322520	20.000	ng	-0.02
21) Naphthalene-d8	10.443	136	1316165	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	849238	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1767566	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1962758	20.000	ng	0.01
86) Perylene-d12	24.913	264	2192893	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1322648	67.670	ng	0.00
7) Phenol-d6	6.849	99	1180031	47.433	ng	0.00
23) Nitrobenzene-d5	8.813	82	1643318	77.835	ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	1254105	136.596	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	3836858	64.920	ng	0.00
79) Terphenyl-d14	19.872	244	6174605	63.914	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	99200	12.039	ng	# 84
6) Aniline	7.008	93	137723	4.148	ng	96
10) Phenol	6.878	94	142312	5.153	ng	98
20) 3+4-Methylphenols	8.431	107	582427	23.150	ng	90
32) Benzoic acid	9.708	122	101171	13.613	ng	97
84) Bis(2-ethylhexyl)phtha...	21.525	149	30925	2.967	ng	# 85

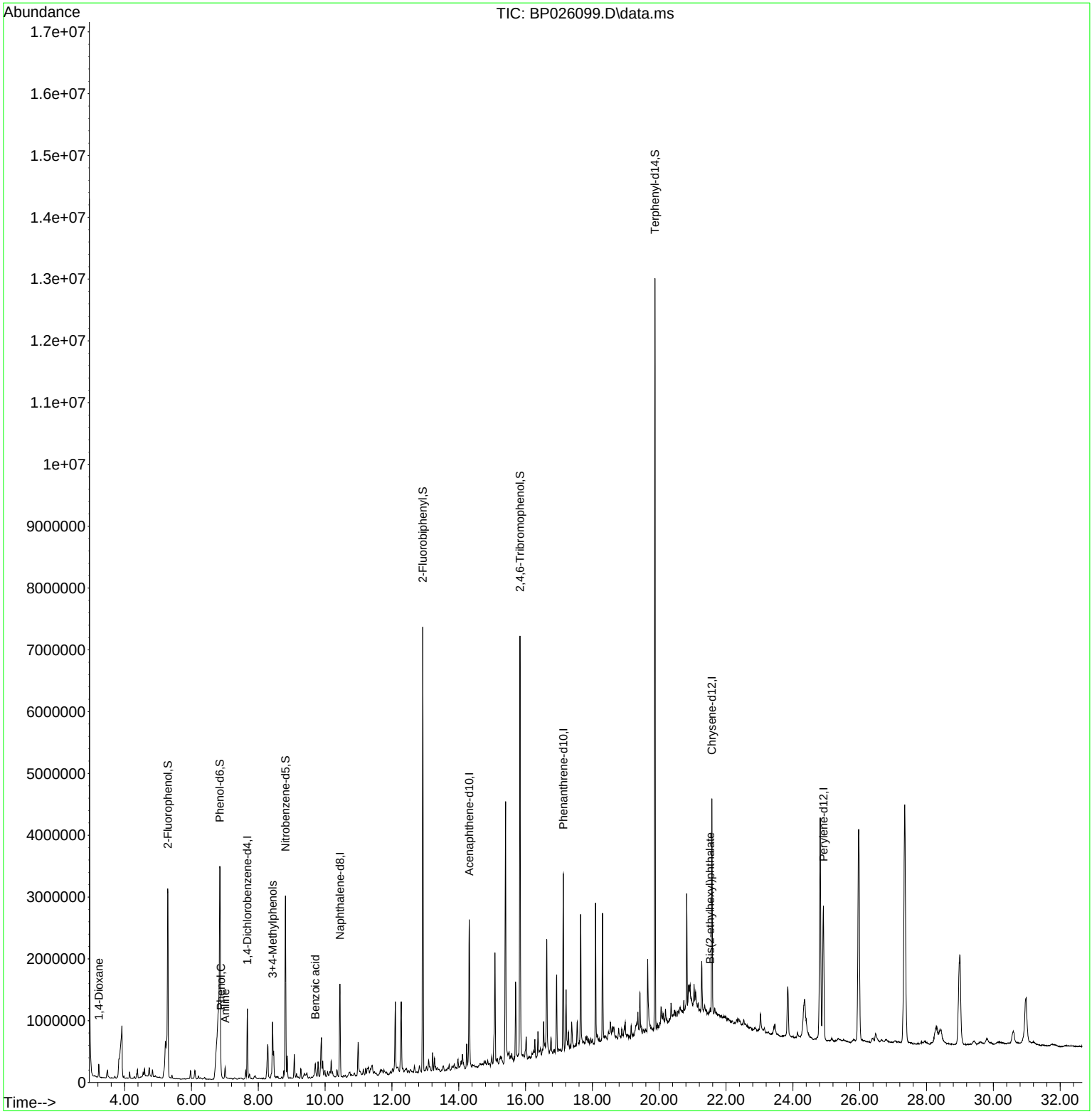
(#) = qualifier out of range (m) = manual integration (+) = signals summed

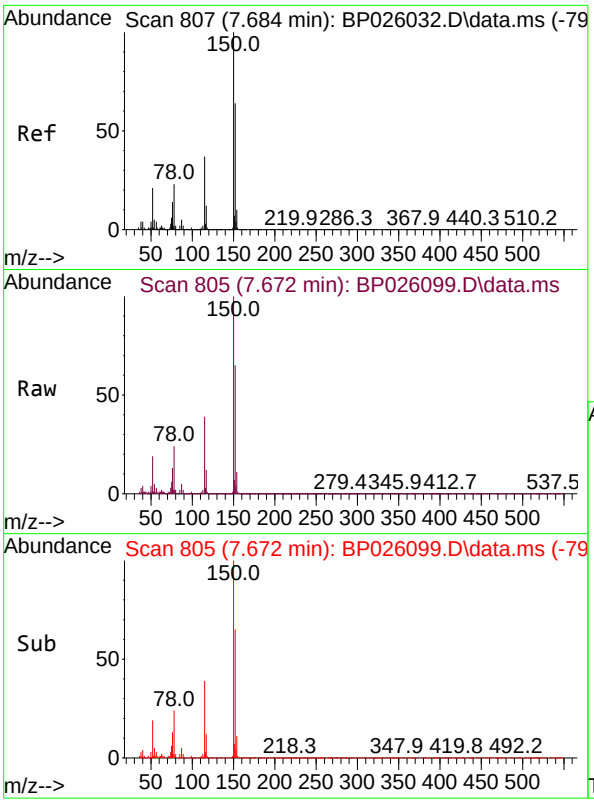
Sample Results: **BP026099.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Quant Time: Nov 12 01:48:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



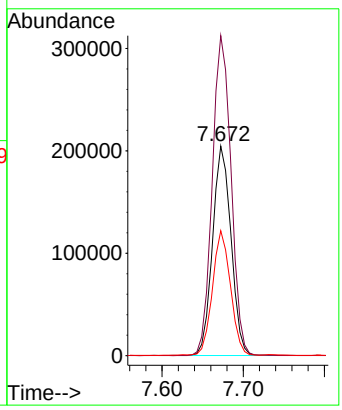


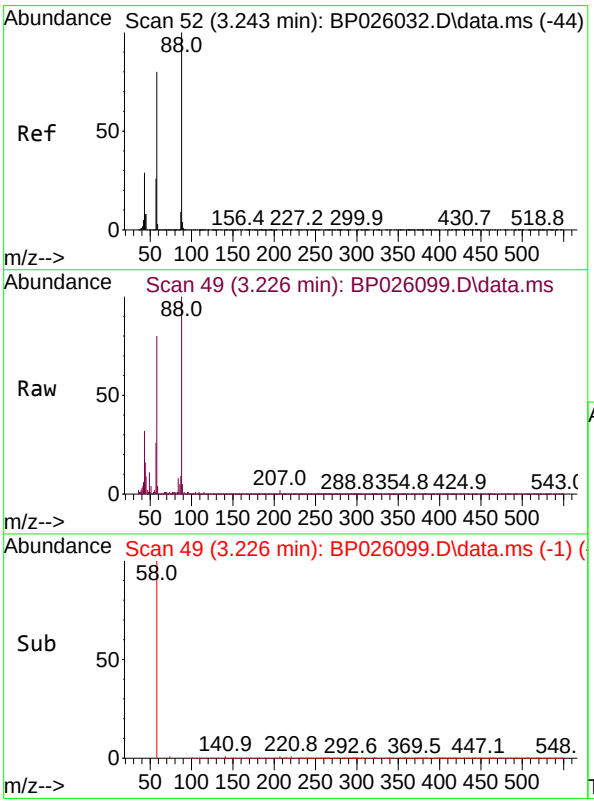
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion:152 Resp: 322520

Ion	Ratio	Lower	Upper
152	100		
150	152.7	125.7	188.5
115	59.6	46.4	69.6

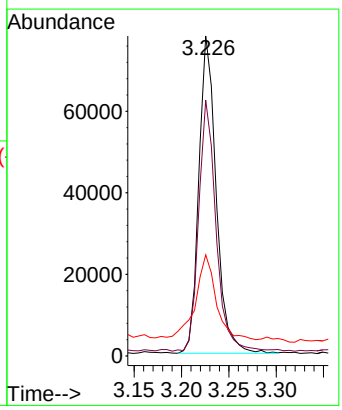


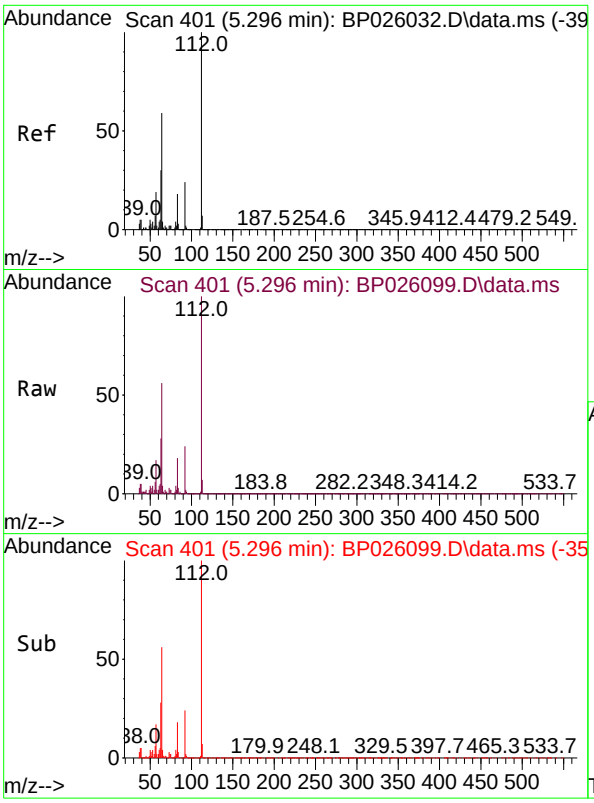


#2
1,4-Dioxane
Concen: 12.039 ng
RT: 3.226 min Scan# 49
Delta R.T. -0.011 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion: 88 Resp: 99200

Ion	Ratio	Lower	Upper
88	100		
58	78.9	65.4	98.0
43	0.0	23.1	34.7#



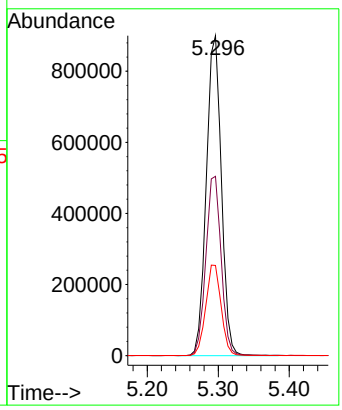


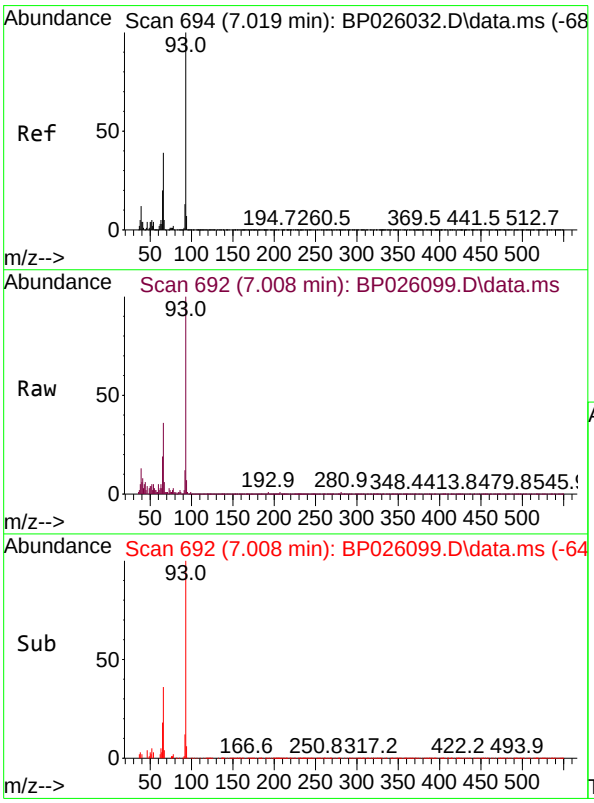
#5
2-Fluorophenol
Concen: 67.670 ng
RT: 5.296 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion:112 Resp: 1322648

Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.4	71.2
63	28.2	24.2	36.4

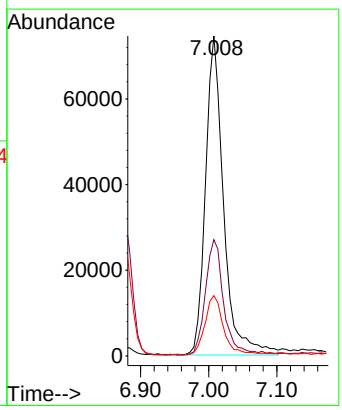


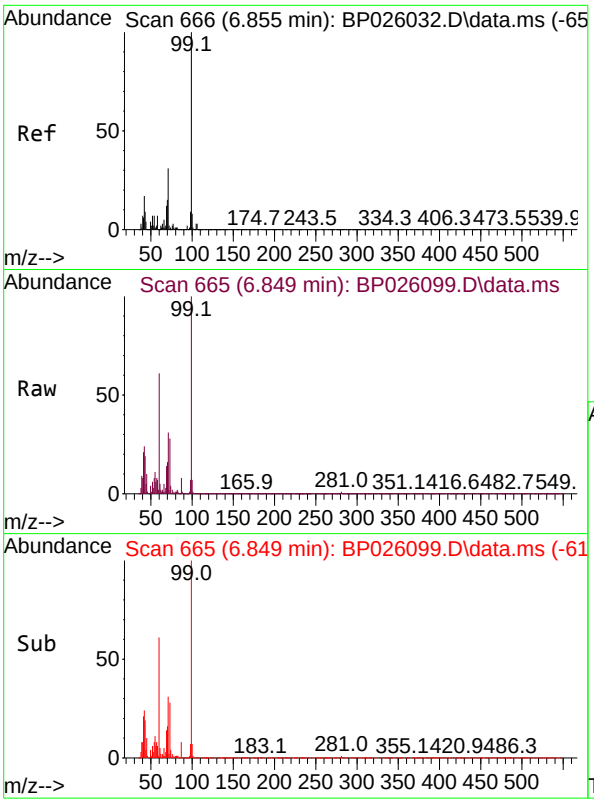


#6
Aniline
Concen: 4.148 ng
RT: 7.008 min Scan# 692
Delta R.T. -0.011 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion: 93 Resp: 137723

Ion	Ratio	Lower	Upper
93	100		
66	36.3	31.2	46.8
65	18.8	16.1	24.1



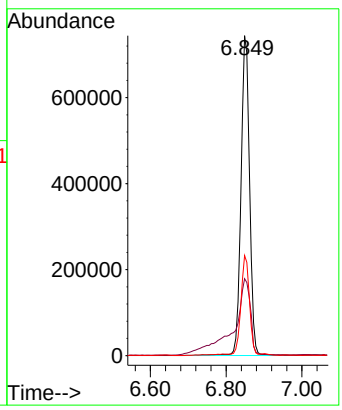


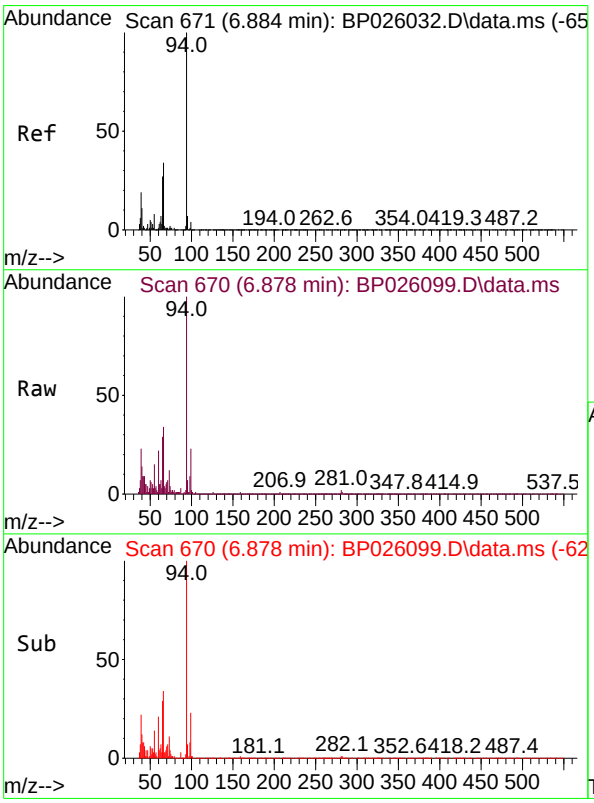
#7
Phenol-d6
Concen: 47.433 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion: 99 Resp: 1180031

Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.7	20.5#
71	31.3	24.4	36.6

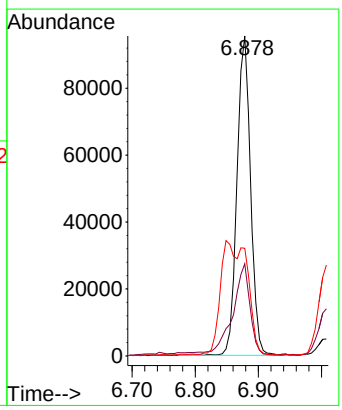


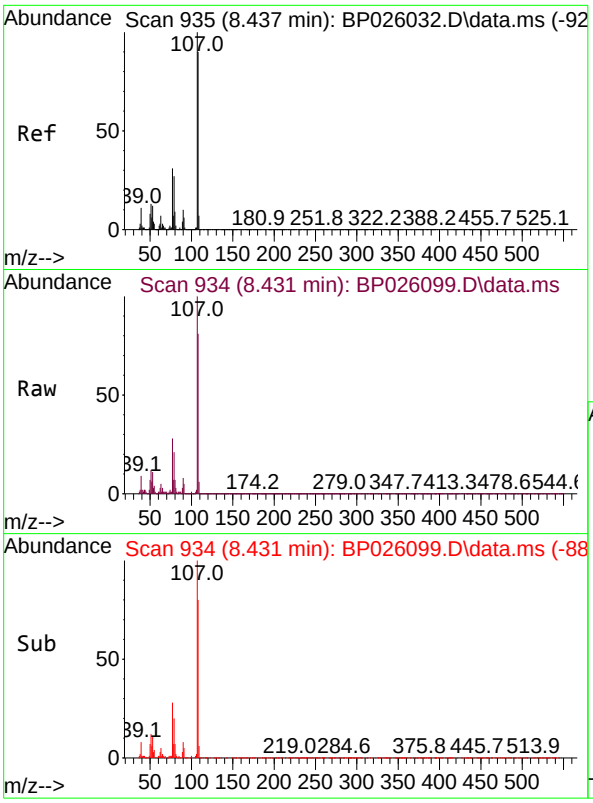


#10
Phenol
Concen: 5.153 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion: 94 Resp: 142312

Ion	Ratio	Lower	Upper
94	100		
65	28.8	7.1	47.1
66	33.6	14.4	54.4



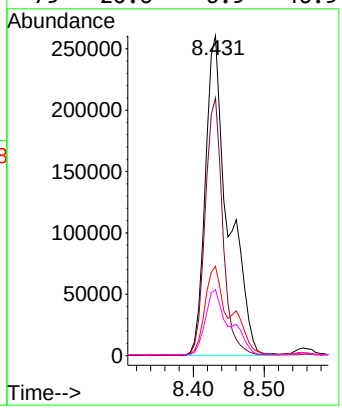


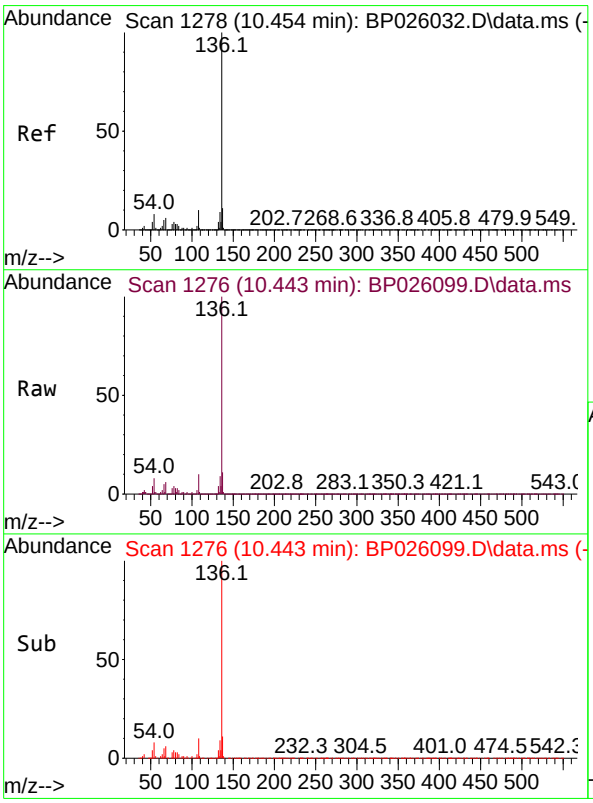
#20
3+4-Methylphenols
Concen: 23.150 ng
RT: 8.431 min Scan# 9
Delta R.T. -0.011 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion:107 Resp: 582427

Ion	Ratio	Lower	Upper
107	100		
108	80.5	70.1	110.1
77	27.9	10.7	50.7
79	20.6	6.9	46.9

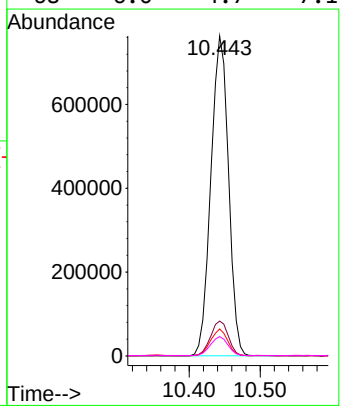


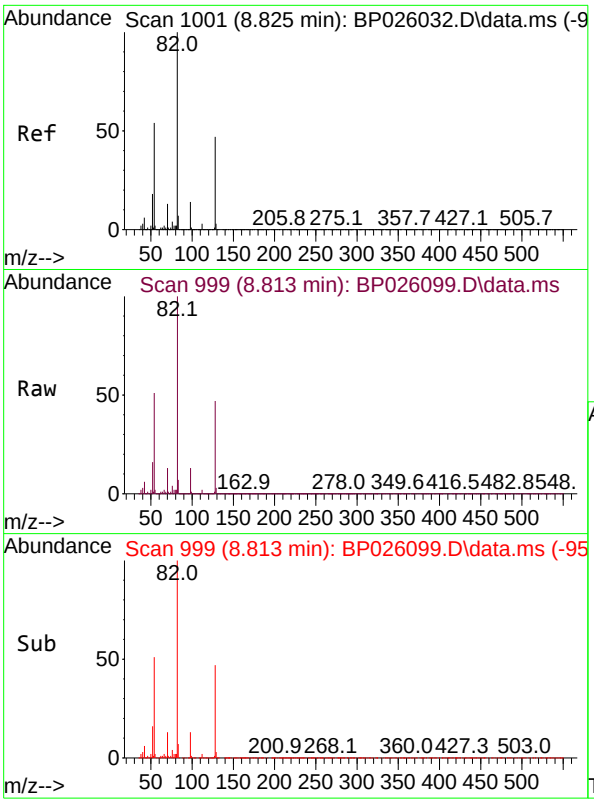


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion:136 Resp: 1316165

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.4	6.6	10.0
68	6.0	4.7	7.1



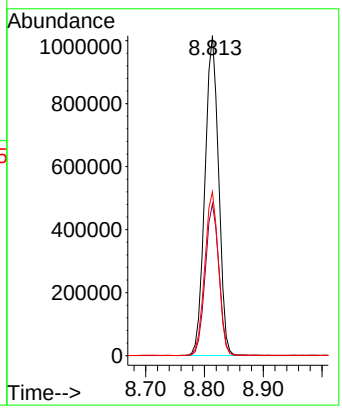


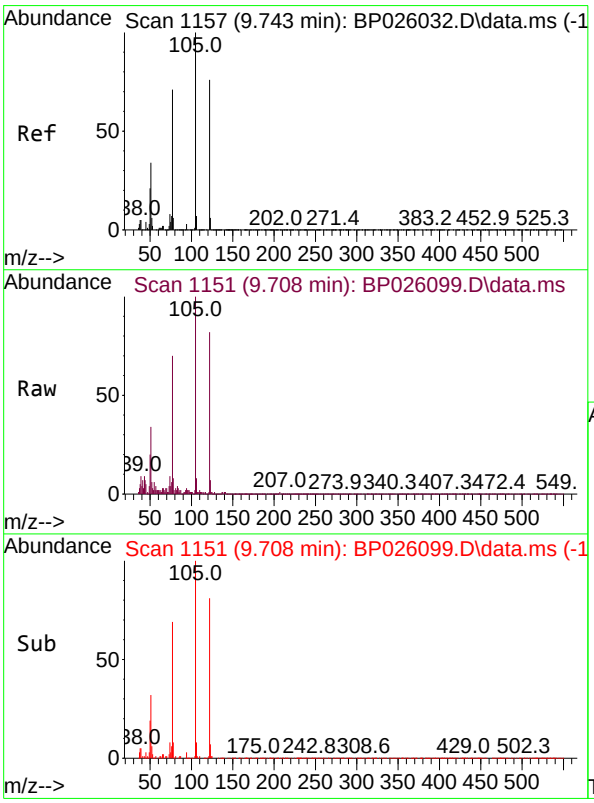
#23
Nitrobenzene-d5
Concen: 77.835 ng
RT: 8.813 min Scan# 99
Delta R.T. -0.011 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion: 82 Resp: 1643318

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.4	56.0
54	51.2	42.7	64.1

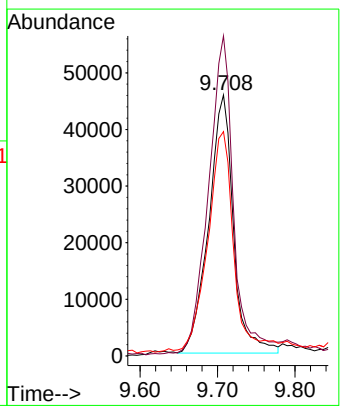


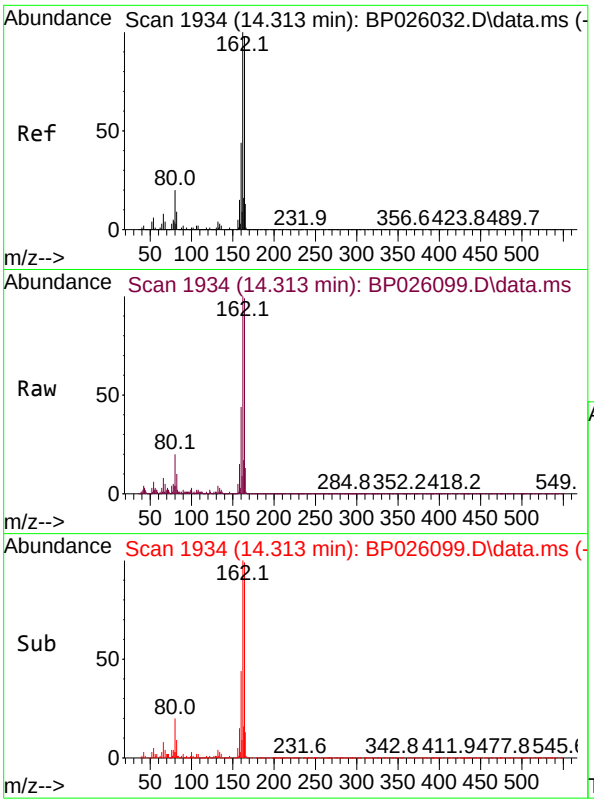


#32
Benzoic acid
Concen: 13.613 ng
RT: 9.708 min Scan# 1151
Delta R.T. -0.070 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion:122 Resp: 101171

Ion	Ratio	Lower	Upper
122	100		
105	122.6	104.8	144.8
77	85.9	70.9	110.9



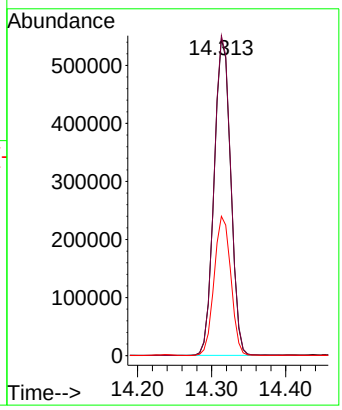


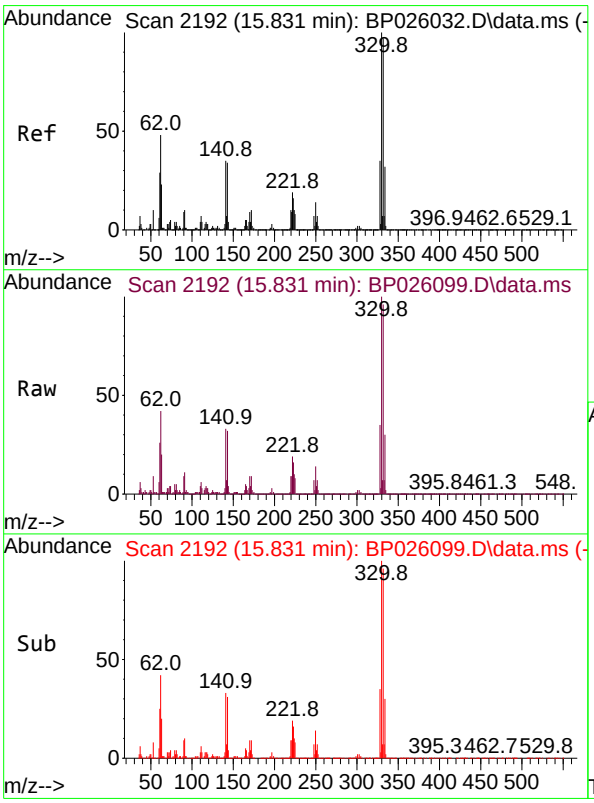
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion:164 Resp: 849238

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.5	122.3
160	44.0	36.2	54.4

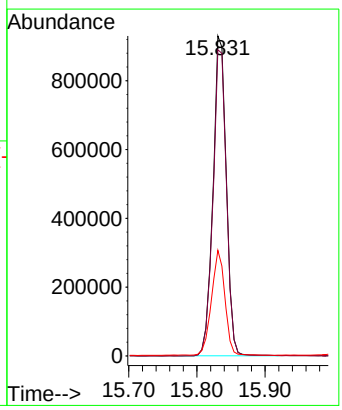


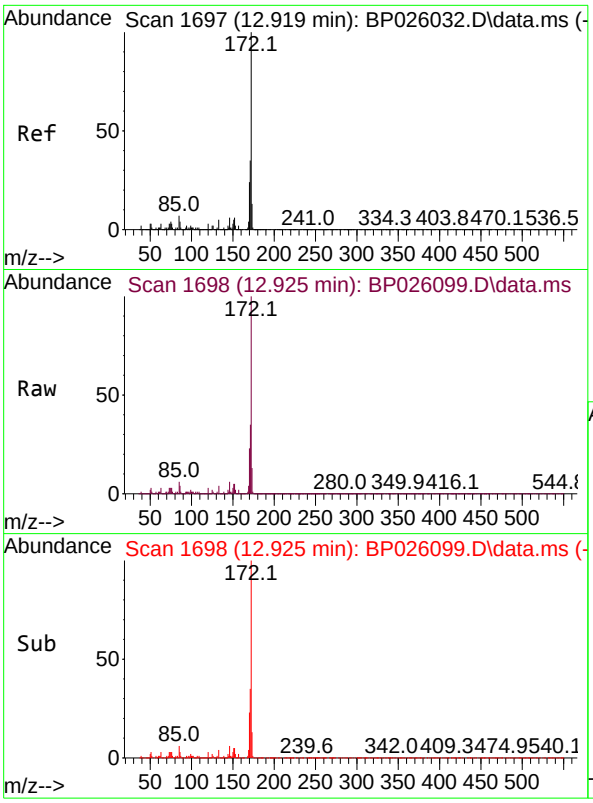


#42
2,4,6-Tribromophenol
Concen: 136.596 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion:330 Resp: 1254105

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	33.1	28.6	42.8



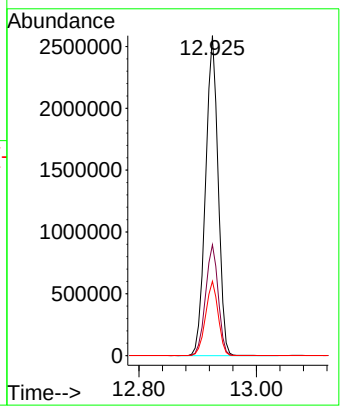


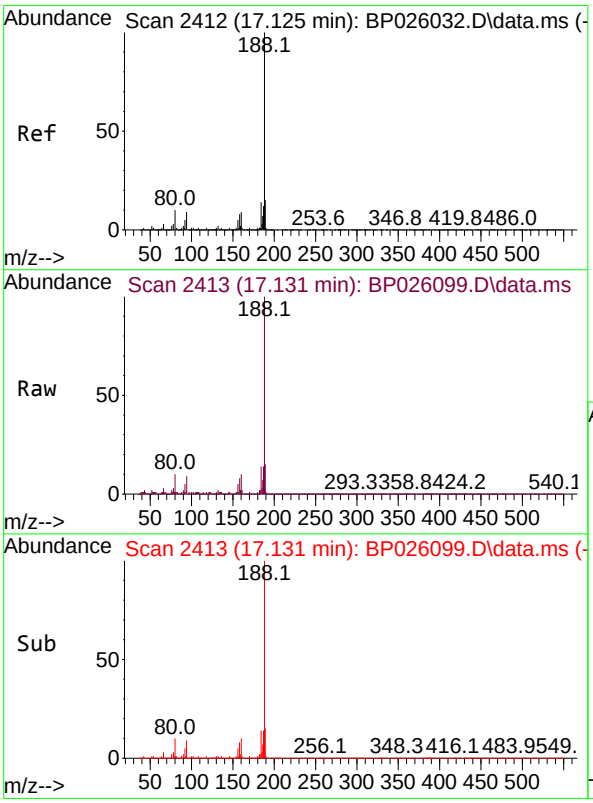
#45
2-Fluorobiphenyl
Concen: 64.920 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion:172 Resp: 3836858

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.9	41.9
170	23.2	19.0	28.4

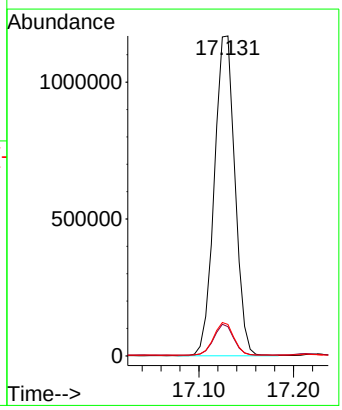


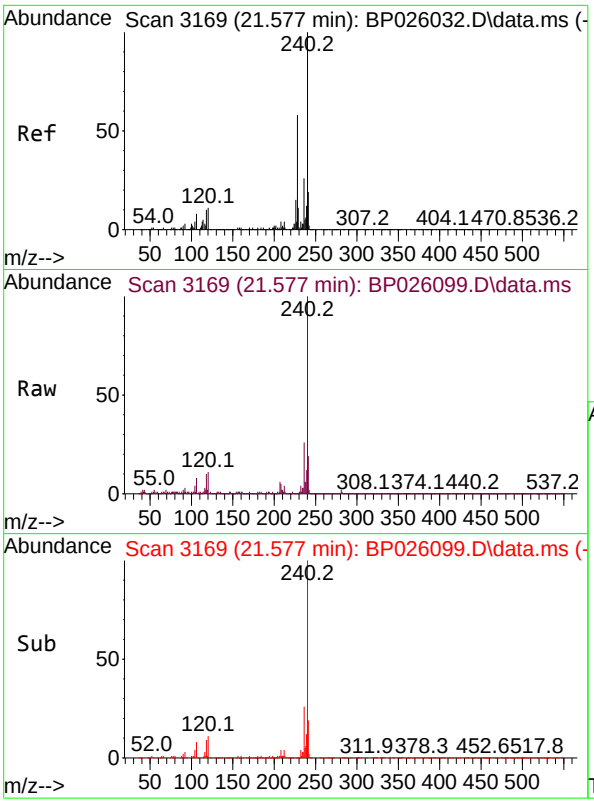


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion:188 Resp: 1767566

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	9.9	7.9	11.9



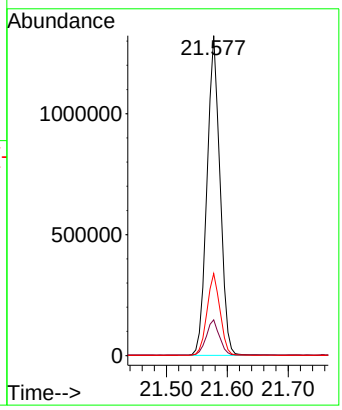


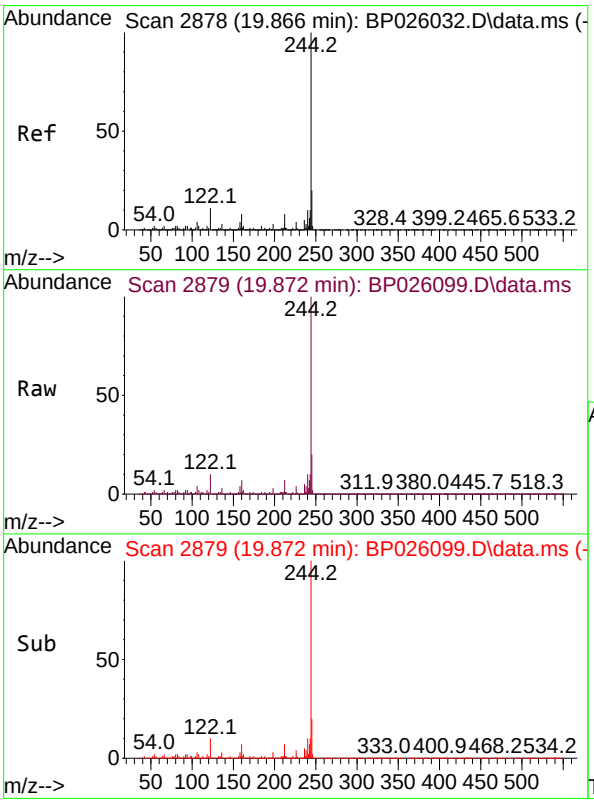
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion:240 Resp: 1962758

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.6	20.6	31.0

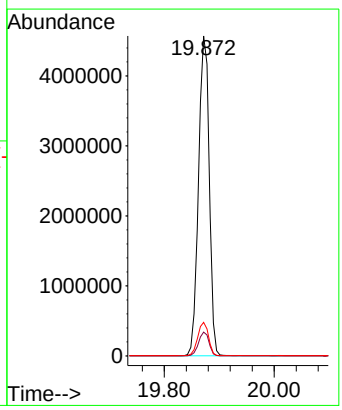


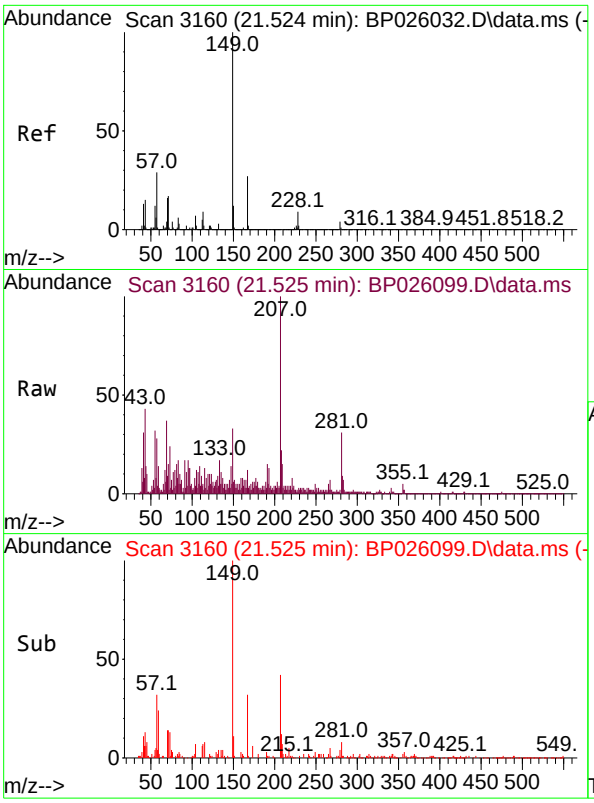


#79
Terphenyl-d14
Concen: 63.914 ng
RT: 19.872 min Scan# 2879
Delta R.T. 0.006 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion:244 Resp: 6174605

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.5	9.0	13.6



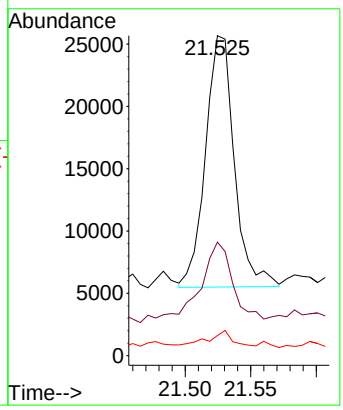


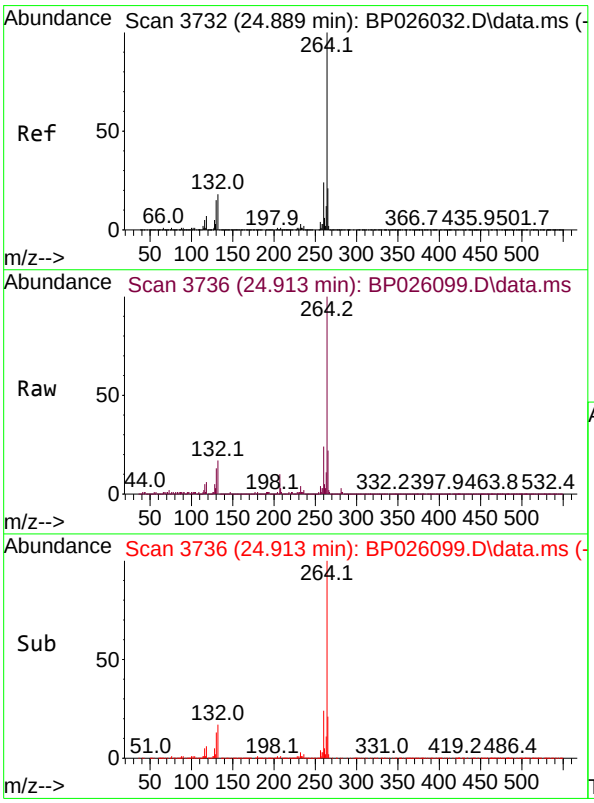
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.967 ng
RT: 21.525 min Scan# 31
Delta R.T. 0.007 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion:149 Resp: 30925

Ion	Ratio	Lower	Upper
149	100		
167	35.5	21.5	32.3#
279	6.3	3.0	4.6#

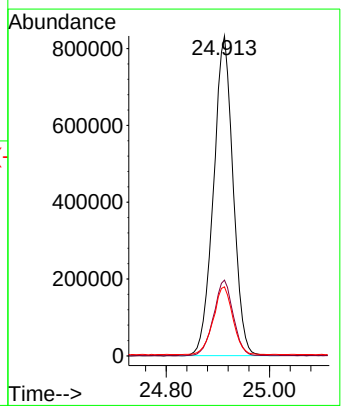




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.913 min Scan# 3736
Delta R.T. 0.030 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion:264 Resp: 2192893

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.6	17.2	25.8



Sample Results: **BP026099.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026099.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.226	43	49	60	rVB	215739	294513	1.81%	0.155%
2	3.490	86	94	107	rVB2	124824	309144	1.90%	0.163%
3	3.831	144	152	153	rBV2	297510	496117	3.05%	0.261%
4	3.920	165	167	174	rVB2	838279	906028	5.57%	0.477%
5	4.384	237	246	253	rBV2	144897	303548	1.87%	0.160%
6	4.596	278	282	287	rVB	114473	164010	1.01%	0.086%
7	4.737	299	306	317	rVV3	142151	289899	1.78%	0.153%
8	4.831	318	322	329	rVB	110934	175409	1.08%	0.092%
9	5.220	374	388	391	rBV	593420	1540728	9.47%	0.811%
10	5.290	395	400	412	rVB2	3060224	5448344	33.48%	2.867%
11	5.972	508	516	522	rBV	127782	209390	1.29%	0.110%
12	6.102	531	538	548	rVB	138114	288883	1.78%	0.152%
13	6.849	633	665	680	rBV3	3447183	12990120	79.82%	6.835%
14	7.008	685	692	700	rBV	182738	342610	2.11%	0.180%
15	7.625	786	797	800	rBV	141541	237398	1.46%	0.125%
16	7.672	800	805	812	rVB	1123546	1771075	10.88%	0.932%
17	8.284	897	909	921	rBV	555896	1329444	8.17%	0.700%
18	8.431	921	934	937	rBV	909658	1714587	10.54%	0.902%
19	8.461	937	939	944	rVB	418224	516238	3.17%	0.272%
20	8.766	985	991	993	rBV	130040	200465	1.23%	0.105%
21	8.813	993	999	1004	rVV	2959355	4842226	29.75%	2.548%
22	8.866	1004	1008	1016	rVB	367495	591161	3.63%	0.311%
23	9.078	1037	1044	1052	rBV	383861	640639	3.94%	0.337%
24	9.272	1071	1077	1085	rVB	161743	266590	1.64%	0.140%
25	9.378	1085	1095	1098	rBV5	89037	229521	1.41%	0.121%
26	9.455	1104	1108	1116	rVB5	89365	194049	1.19%	0.102%
27	9.708	1144	1151	1159	rVB	205354	450117	2.77%	0.237%
28	9.790	1159	1165	1173	rVB2	239155	362880	2.23%	0.191%
29	9.890	1173	1182	1186	rBV	629568	1396749	8.58%	0.735%
30	9.925	1186	1188	1195	rVV	240652	344154	2.11%	0.181%
31	9.996	1195	1200	1206	rVB3	100071	184943	1.14%	0.097%
32	10.184	1228	1232	1236	rVB	205559	274650	1.69%	0.145%
33	10.355	1256	1261	1269	rBV2	114324	219829	1.35%	0.116%
34	10.443	1269	1276	1284	rVB	1503328	2584240	15.88%	1.360%
35	10.719	1311	1323	1325	rBV7	77515	207139	1.27%	0.109%
36	10.990	1362	1369	1377	rBV	546440	1149935	7.07%	0.605%

Sample Results: **BP026099.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.102	1549	1558	1565	rBV	1124704	1841731	11.32%	0.969%
38	12.278	1579	1588	1594	rBV	1133546	2206939	13.56%	1.161%
39	12.672	1651	1655	1662	rVB4	108887	187890	1.15%	0.099%
40	12.825	1675	1681	1691	rBV10	111504	274854	1.69%	0.145%
41	12.925	1691	1698	1706	rBV	7203255	10746210	66.03%	5.655%
42	13.096	1723	1727	1732	rBV	160467	279163	1.72%	0.147%
43	13.219	1743	1748	1753	rBV	295665	446664	2.74%	0.235%
44	13.272	1753	1757	1761	rBV2	197295	317732	1.95%	0.167%
45	13.537	1797	1802	1810	rVB5	88417	217529	1.34%	0.114%
46	13.978	1873	1877	1881	rBV4	137581	208326	1.28%	0.110%
47	14.113	1896	1900	1904	rBV2	164525	247252	1.52%	0.130%
48	14.237	1917	1921	1926	rBV3	379684	591992	3.64%	0.312%
49	14.313	1926	1934	1947	rVB	2388982	4165029	25.59%	2.192%
50	14.990	2042	2049	2054	rBV4	168484	352288	2.16%	0.185%
51	15.084	2055	2065	2070	rBV2	1795598	3272615	20.11%	1.722%
52	15.401	2111	2119	2131	rBV	4222388	6999864	43.01%	3.683%
53	15.701	2165	2170	2180	rBV	1245846	1894811	11.64%	0.997%
54	15.831	2186	2192	2202	rVB2	6778875	9886331	60.75%	5.202%
55	16.019	2216	2224	2230	rVB2	360656	772787	4.75%	0.407%
56	16.278	2265	2268	2274	rVB	301579	440288	2.71%	0.232%
57	16.372	2280	2284	2288	rBV	387474	557228	3.42%	0.293%
58	16.537	2308	2312	2317	rBV2	461234	684117	4.20%	0.360%
59	16.631	2322	2328	2341	rVB	1847378	3255606	20.01%	1.713%
60	16.760	2347	2350	2355	rVB	228577	346020	2.13%	0.182%
61	16.931	2372	2379	2385	rVB	1246306	1892413	11.63%	0.996%
62	17.131	2407	2413	2419	rVB2	2854666	4404487	27.06%	2.318%
63	17.213	2420	2427	2435	rVV3	962463	1686178	10.36%	0.887%
64	17.284	2435	2439	2444	rVB	265430	409648	2.52%	0.216%
65	17.378	2452	2455	2464	rBV3	410246	748498	4.60%	0.394%
66	17.548	2480	2484	2489	rBV3	363095	533994	3.28%	0.281%
67	17.648	2496	2501	2512	rVB	2081437	3044802	18.71%	1.602%
68	17.801	2524	2527	2530	rBV4	113831	186491	1.15%	0.098%
69	18.095	2572	2577	2584	rBV	2247876	2970888	18.26%	1.563%
70	18.301	2608	2612	2621	rBV	2032511	3093552	19.01%	1.628%
71	19.160	2755	2758	2764	rBV2	194866	295226	1.81%	0.155%
72	19.360	2790	2792	2798	rVB	291179	316915	1.95%	0.167%
73	19.419	2799	2802	2807	rBV	606849	820028	5.04%	0.432%
74	19.654	2838	2842	2858	rBV2	1170149	2331799	14.33%	1.227%
75	19.872	2873	2879	2885	rBV	12152536	16273825	100.00%	8.563%
76	20.054	2908	2910	2914	rBV	215140	279019	1.71%	0.147%

Sample Results: **BP026099.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.825	3037	3041	3045	rVB	1812063	2077370	12.77%	1.093%
78	20.878	3047	3050	3054	rBV2	271738	550875	3.39%	0.290%
79	21.272	3113	3117	3125	rVB	804692	1251286	7.69%	0.658%
80	21.577	3164	3169	3178	rVB	3485646	5252180	32.27%	2.764%
81	23.848	3549	3555	3573	rVB2	817573	2161184	13.28%	1.137%
82	24.818	3710	3720	3728	rBV	3510925	8519046	52.35%	4.483%
83	24.913	3728	3736	3750	rVB	2178561	5806114	35.68%	3.055%
84	25.971	3906	3916	3931	rVB4	3414422	10854473	66.70%	5.712%
85	27.348	4137	4150	4167	rVB2	3842807	13916316	85.51%	7.323%
86	28.995	4417	4430	4451	rVB2	1443074	6704161	41.20%	3.528%

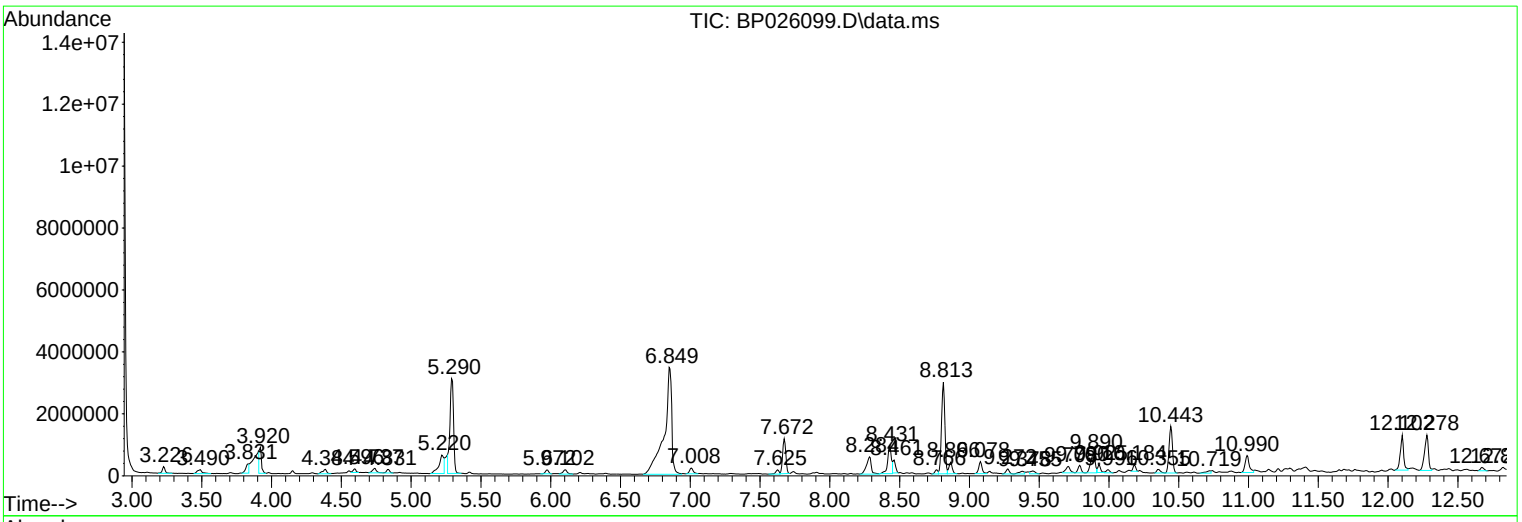
Sum of corrected areas: 190040806

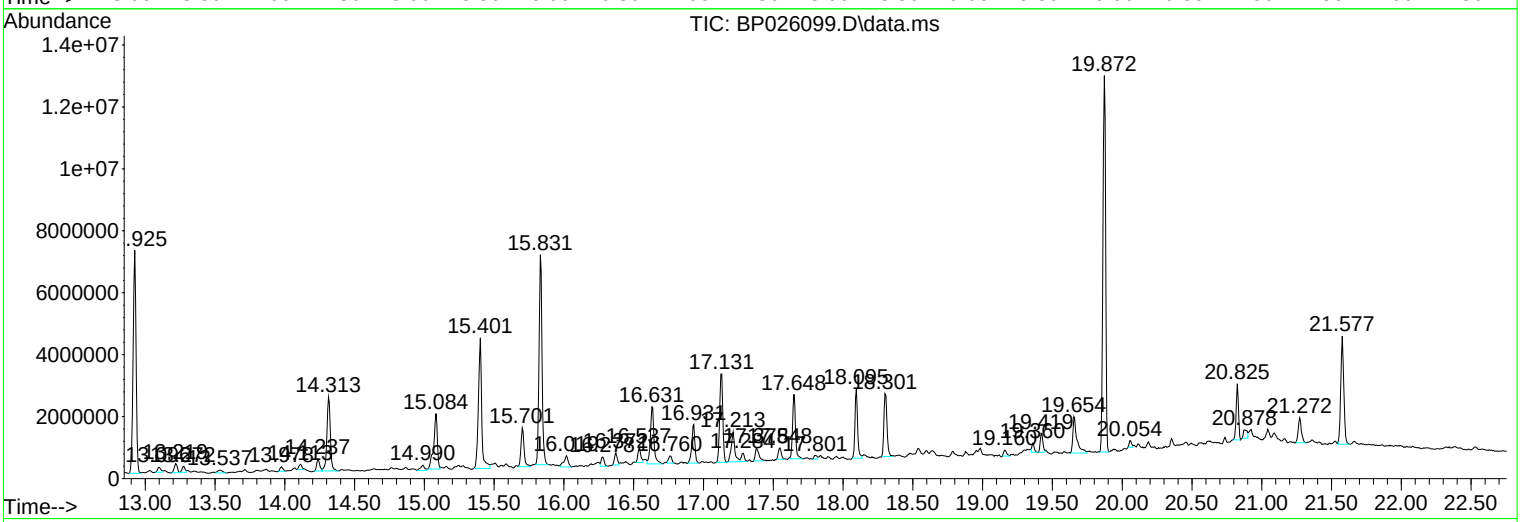
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

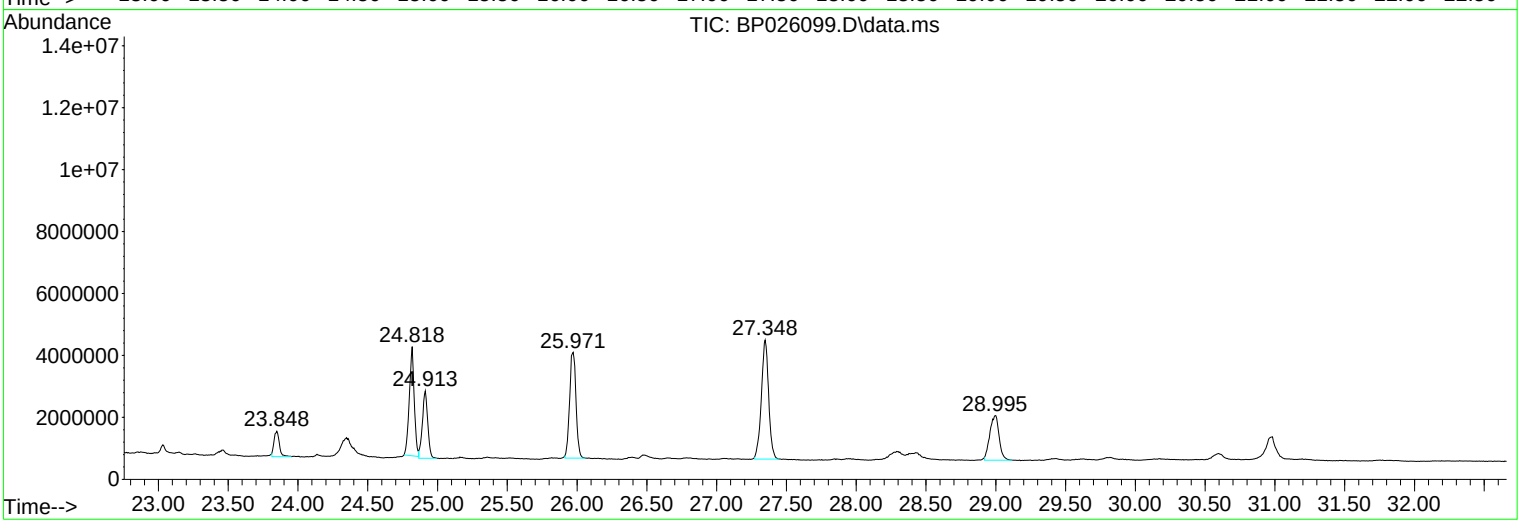
Instrument :
BNA_P
ClientSampleId :
SEEP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

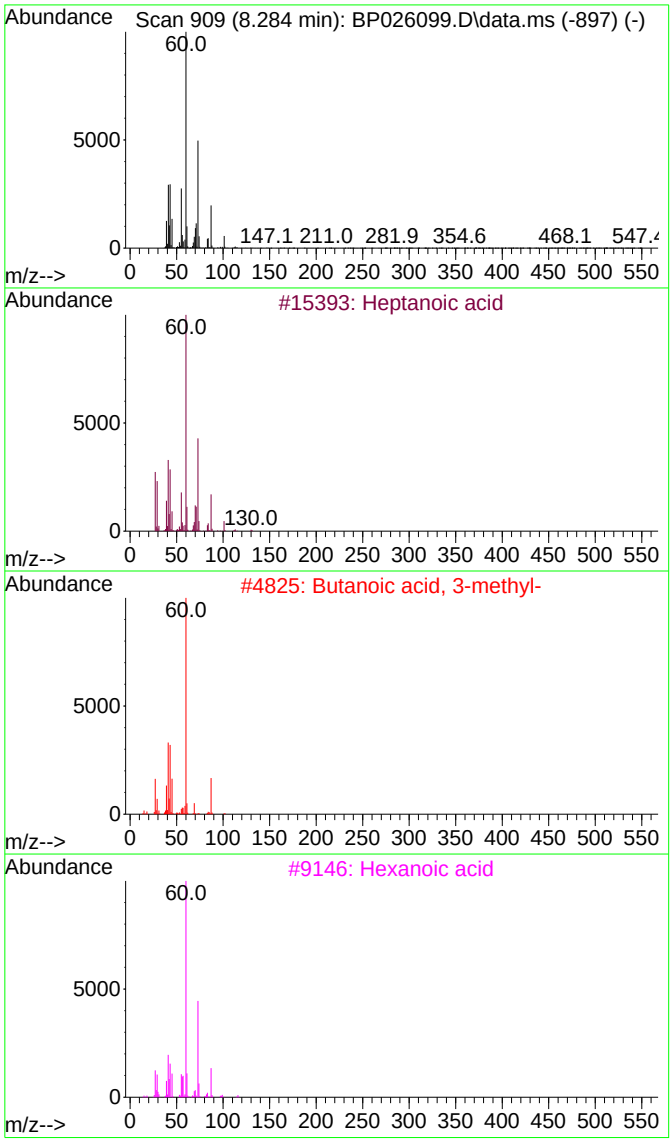
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

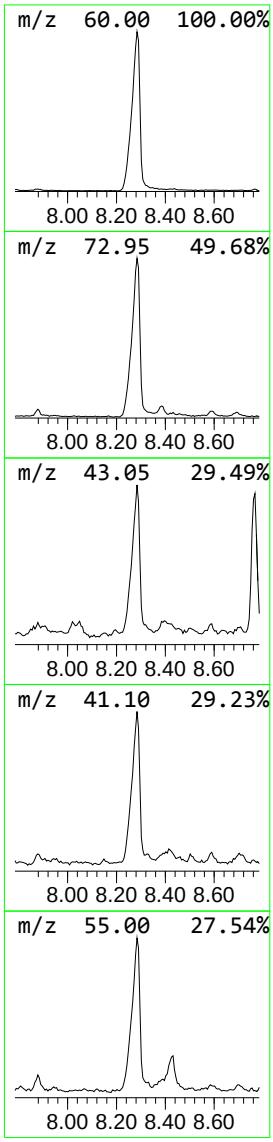
****

Peak Number 3 Heptanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.284	15.01 ng	1329440	1,4-Dichlorobenzene-d4	7.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	90
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	68
3	Hexanoic acid	116	C6H12O2	000142-62-1	64
4	Pentanoic acid	102	C5H10O2	000109-52-4	64
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

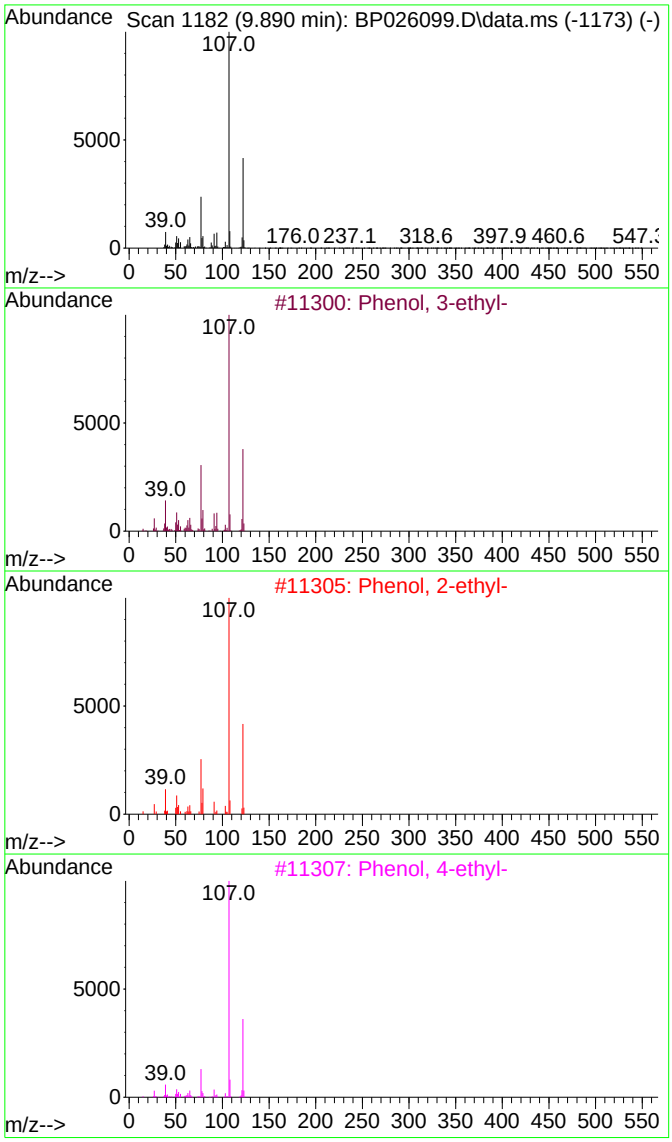
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

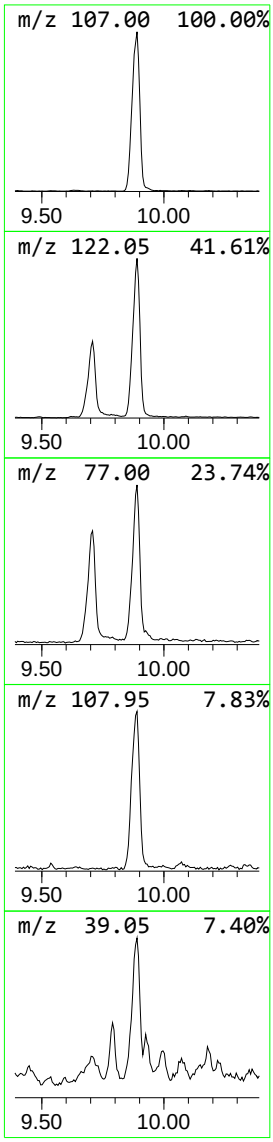
****

Peak Number 4 Phenol, 3-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.890	10.81 ng	1396750	Naphthalene-d8	10.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	95
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	90
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	78
5	3,3-Dimethyl-6-methylenecyclohexene	122	C9H14	020185-16-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

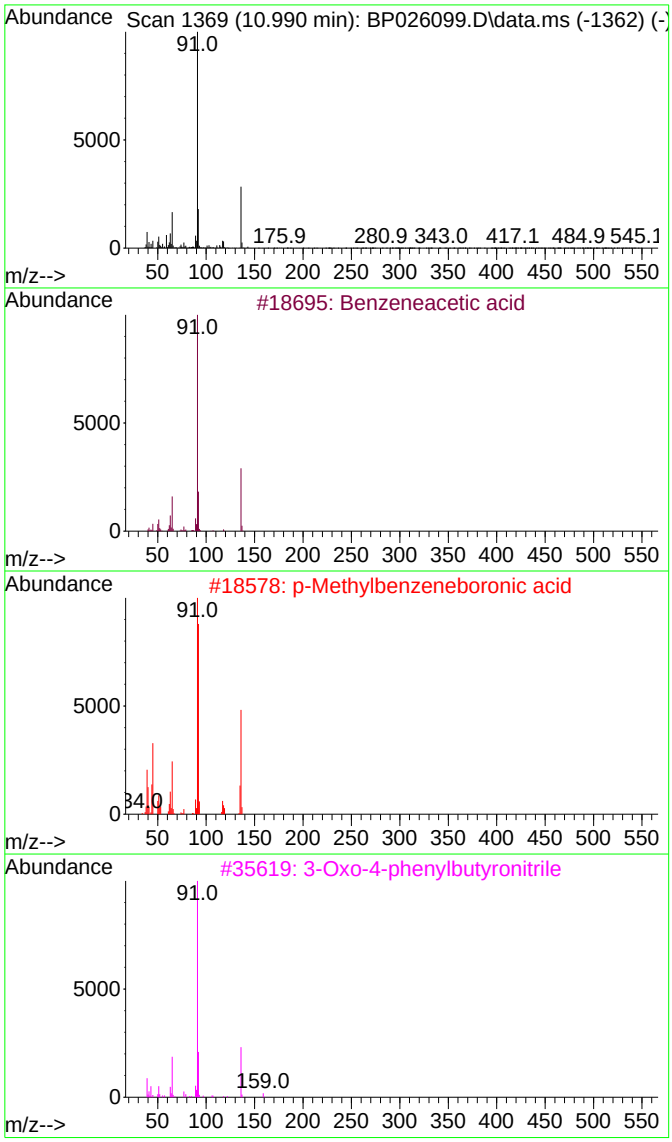
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

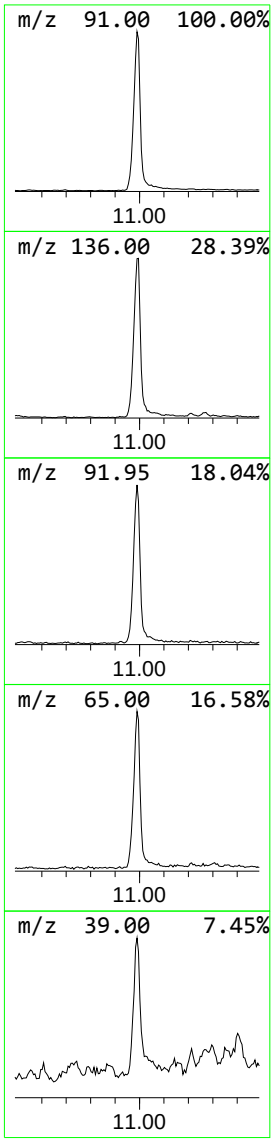
****

Peak Number 5 Benzeneacetic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.990	8.90 ng	1149940	Naphthalene-d8	10.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	93
2	p-Methylbenzeneboronic acid	136	C7H9BO2	005720-05-8	52
3	3-Oxo-4-phenylbutyronitrile	159	C10H9NO	019212-27-2	43
4	4-Benzyloxybromobenzene	262	C13H11BrO	006793-92-6	43
5	Benzene, (iodomethyl)-	218	C7H7I	000620-05-3	43





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Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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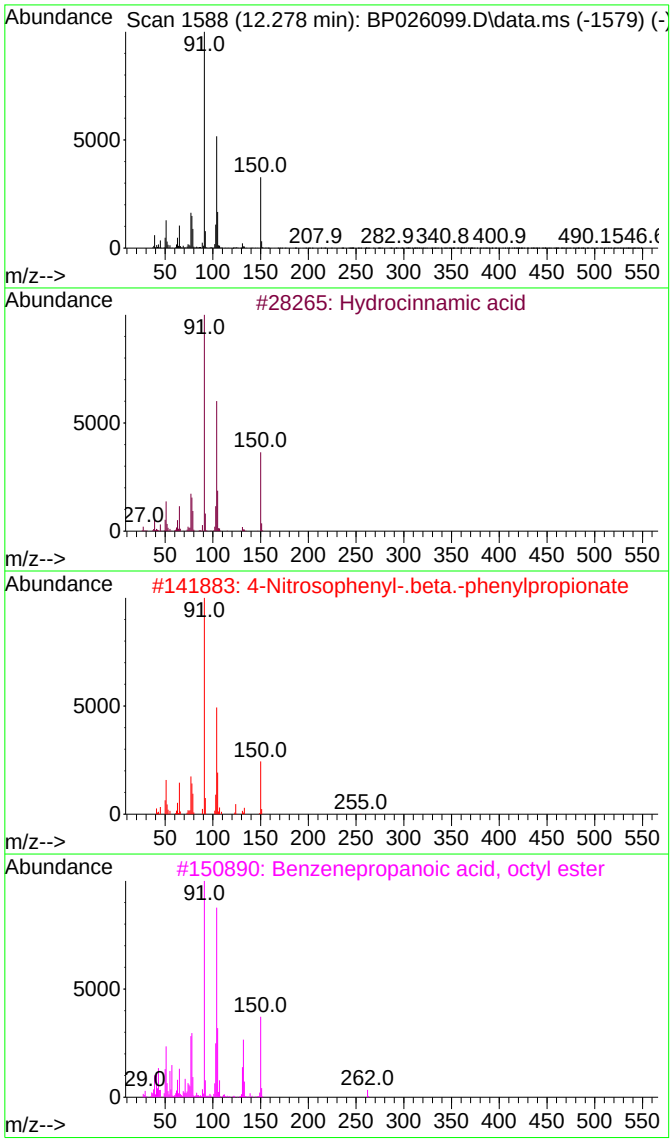
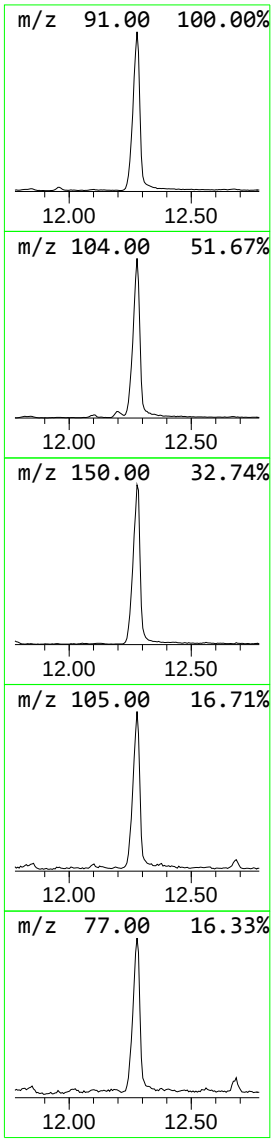
Peak Number 7 Hydrocinnamic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.278	17.08 ng	2206940	Naphthalene-d8	10.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrocinnamic acid	150	C9H10O2	000501-52-0	96
2	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	86
3	Benzenepropanoic acid, octyl ester	262	C17H26O2	037826-57-6	72
4	Benzenepropanoic acid, silver(1+...	256	C9H9AgO2	075112-79-7	53
5	2-Methylbenzyl alcohol, trifluor...	218	C10H9F3O2	1000364-57-0	43





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Sample : Q3584-07
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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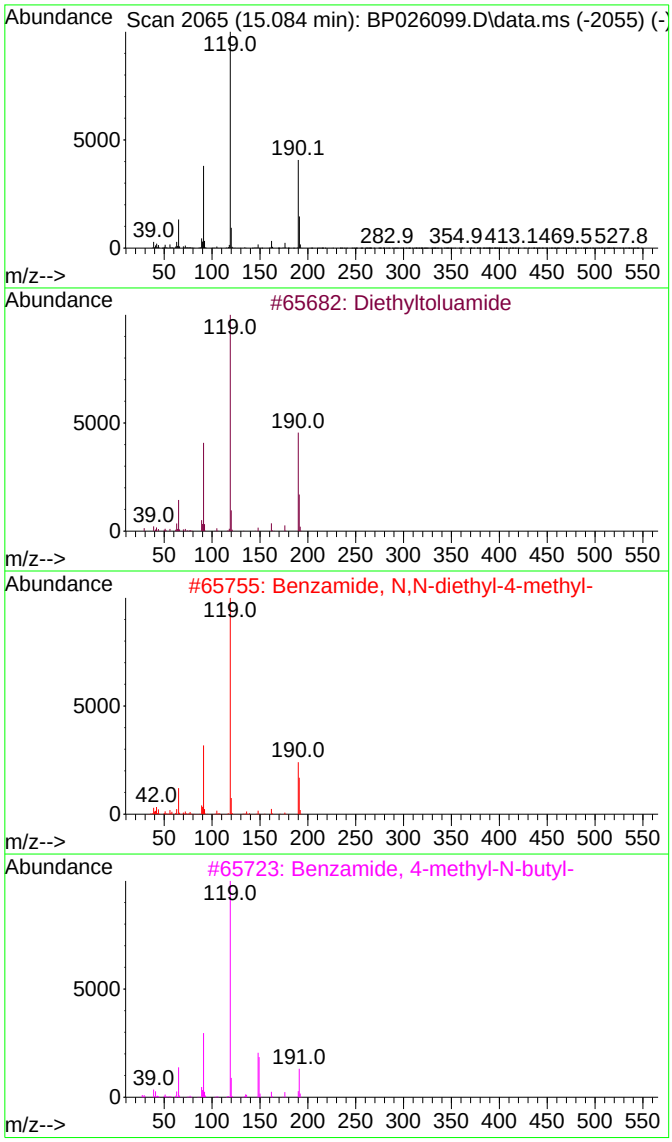
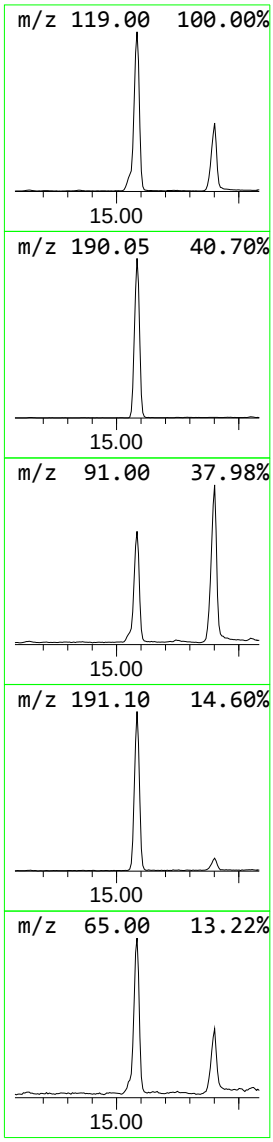
Peak Number 8 Diethyltoluamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.084	15.71 ng	3272620	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	93
3	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	76
4	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	76
5	Benzamide, 2-methyl-N-methyl-N-p...	191	C12H17NO	1000421-44-4	68





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

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

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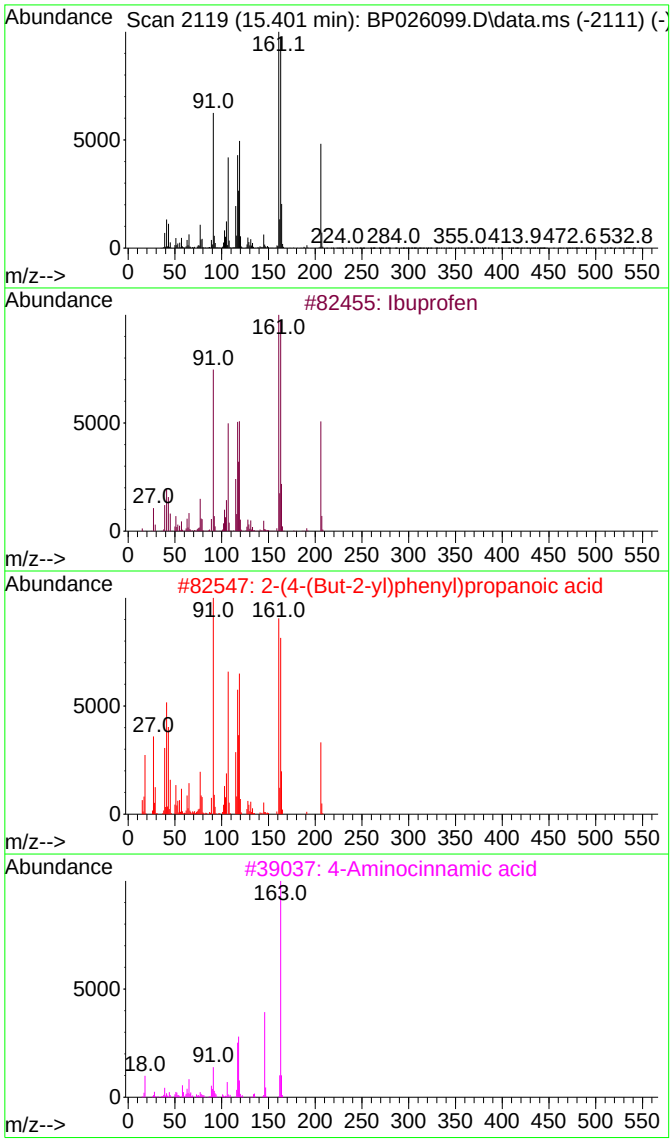
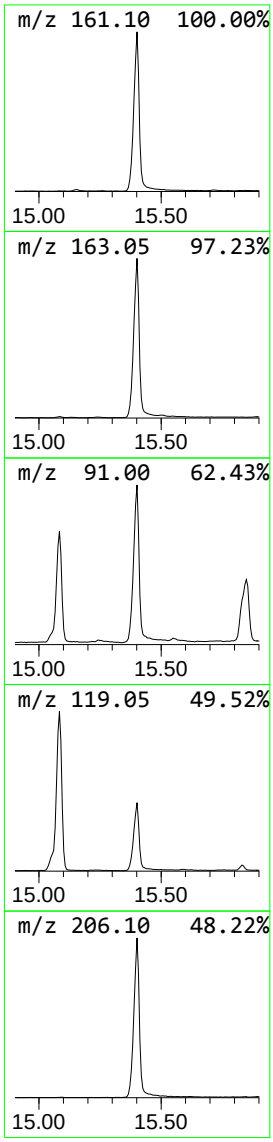
Peak Number 9 Ibuprofen Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.401	33.61 ng	6999860	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ibuprofen	206	C13H18O2	015687-27-1	99
2	2-(4-(But-2-yl)phenyl)propanoic ...	206	C13H18O2	064451-76-9	98
3	4-Aminocinnamic acid	163	C9H9NO2	002393-18-2	22
4	Thiocoumarin, 4,4,6-trimethyl-	206	C12H14OS	1000132-62-4	22
5	3-(3-Thienyl)pyridine	161	C9H7NS	021308-81-6	22





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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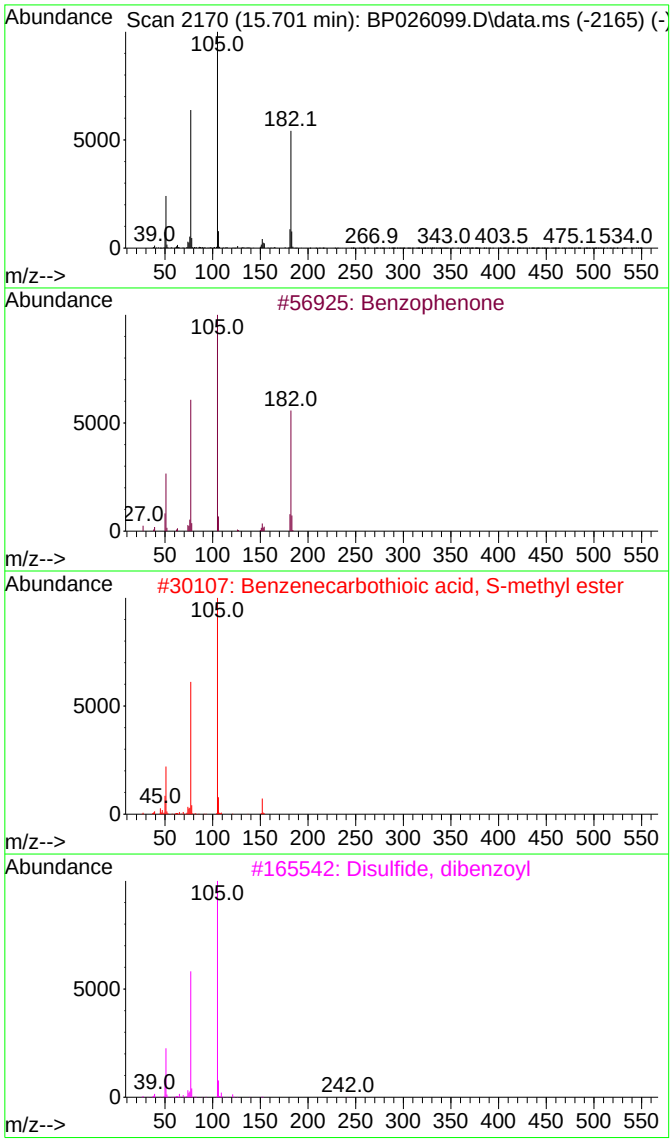
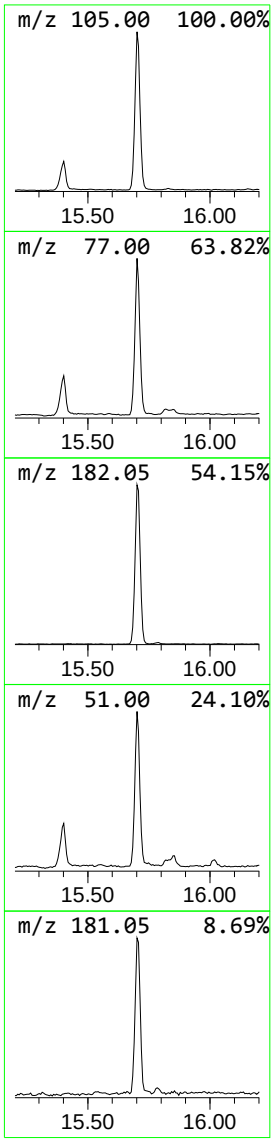
Peak Number 10 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.701	9.10 ng	1894810	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
3	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	47
4	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





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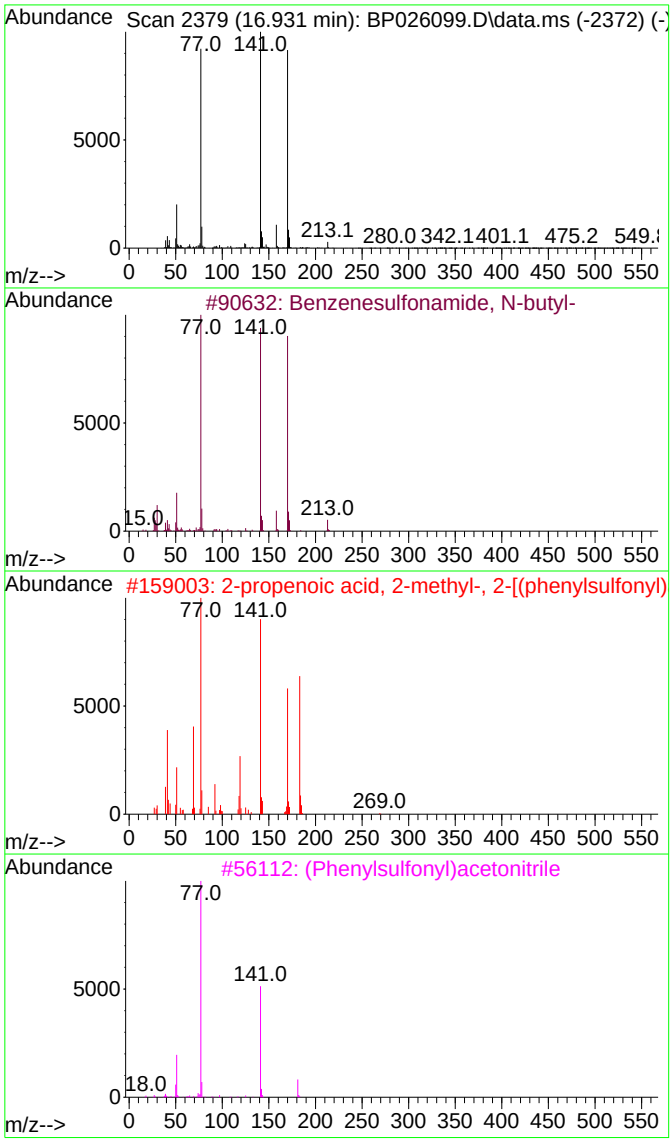
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

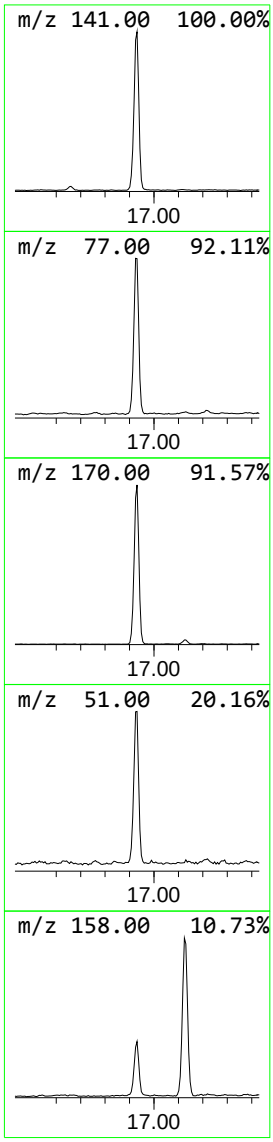
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzenesulfonamide, N-butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.931	8.59 ng	1892410	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	90
2	2-propenoic acid, 2-methyl-, 2-[...	269	C12H15NO4S	1000401-71-8	64
3	(Phenylsulfonyl)acetonitrile	181	C8H7NO2S	007605-28-9	47
4	N-hexylbenzenesulfonamide	241	C12H19NO2S	007250-80-8	43
5	N-(2-Pyrazinyl)benzenesulfonamide	235	C10H9N3O2S	007471-20-7	40





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ALS Vial : 11 Sample Multiplier: 1

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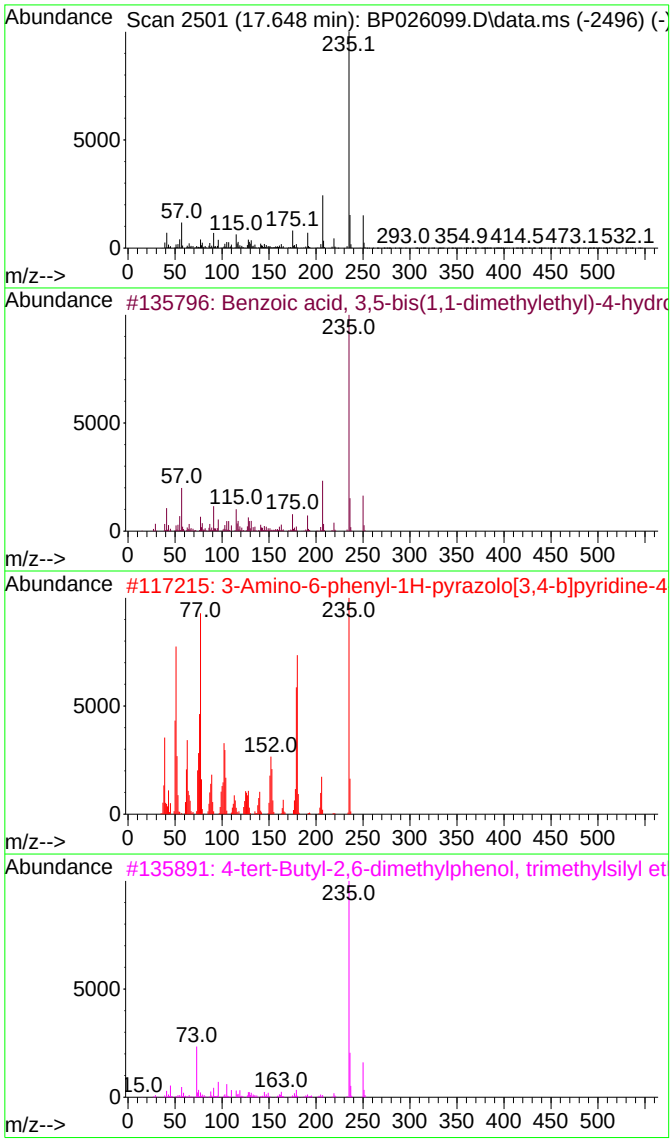
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

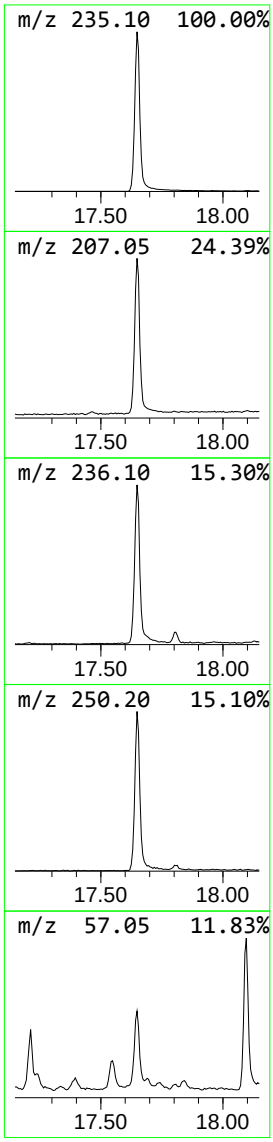
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.648	13.83 ng	3044800	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	96
2	3-Amino-6-phenyl-1H-pyrazolo[3,4...	235	C13H9N5	1000410-58-2	90
3	4-tert-Butyl-2,6-dimethylphenol,...	250	C15H26OSi	1000495-37-2	70
4	Hexobarbital-2(or 4)-methyl deri...	250	C13H18N2O3	1000123-51-5	59
5	6,7,8,9-Tetrahydro-1,2,3-trimeth...	250	C15H22O3	1000242-60-6	59





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

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

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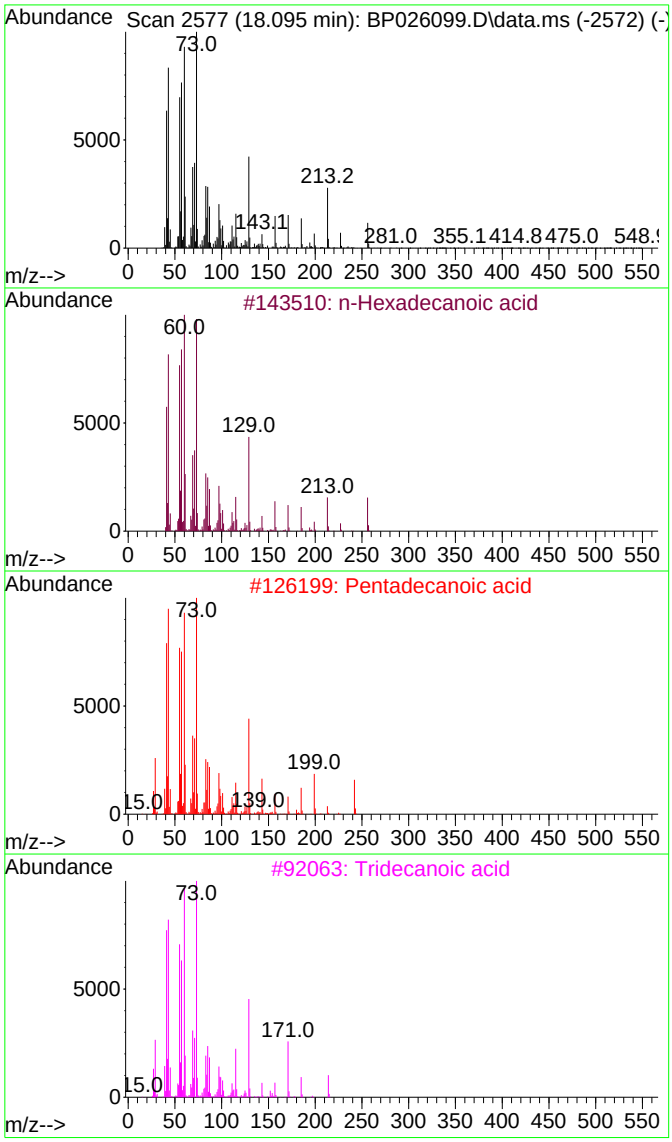
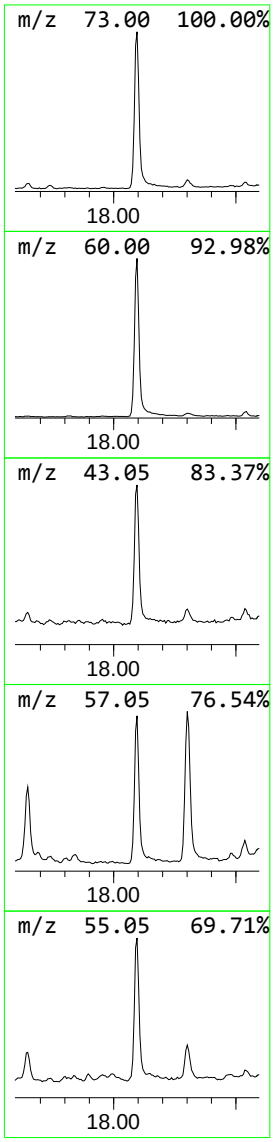
Peak Number 14 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.095	13.49 ng	2970890	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Undecanoic acid	186	C11H22O2	000112-37-8	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





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ALS Vial : 11 Sample Multiplier: 1

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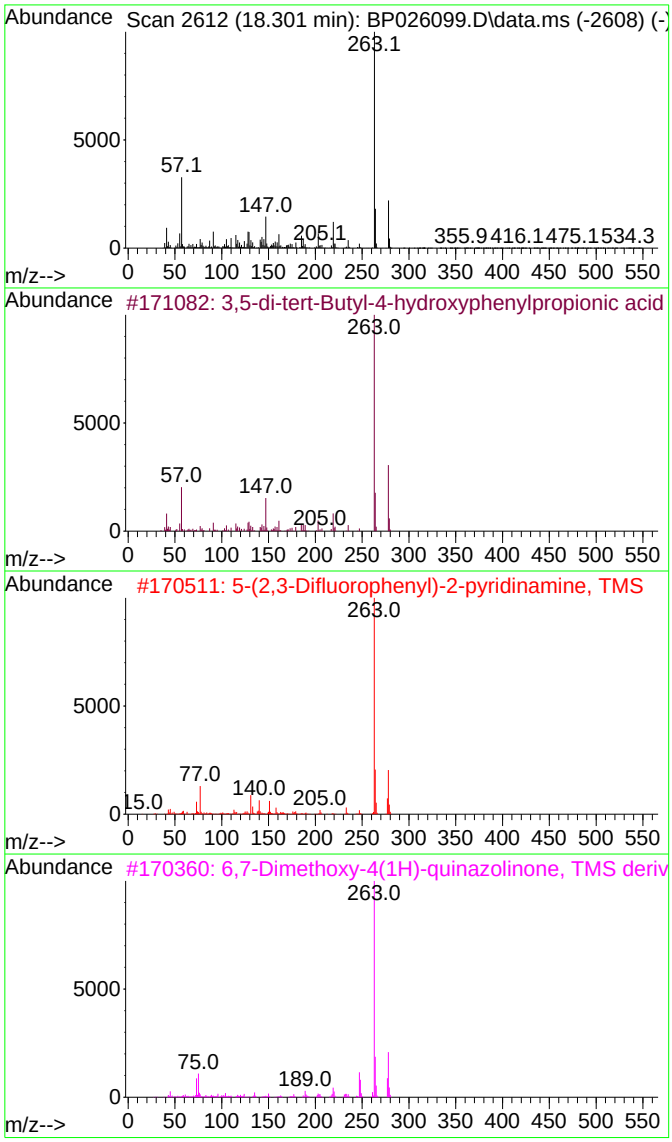
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

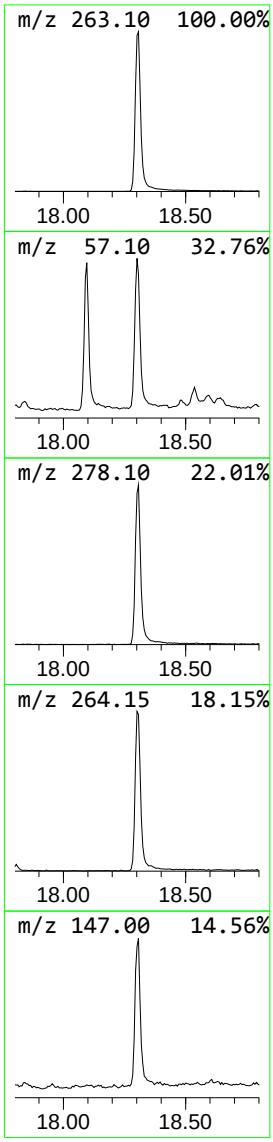
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.301	14.05 ng	3093550	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	94
2	5-(2,3-Difluorophenyl)-2-pyridin...	278	C14H16F2N2Si	1000504-49-4	74
3	6,7-Dimethoxy-4(1H)-quinazolinon...	278	C13H18N2O3Si	1000479-65-5	72
4	4,6-Dinitro-1,1,3,3,5-pentamethy...	278	C14H18N2O4	000116-66-5	64
5	Cyanic acid, (1-methylethylidene...	278	C17H14N2O2	001156-51-0	64





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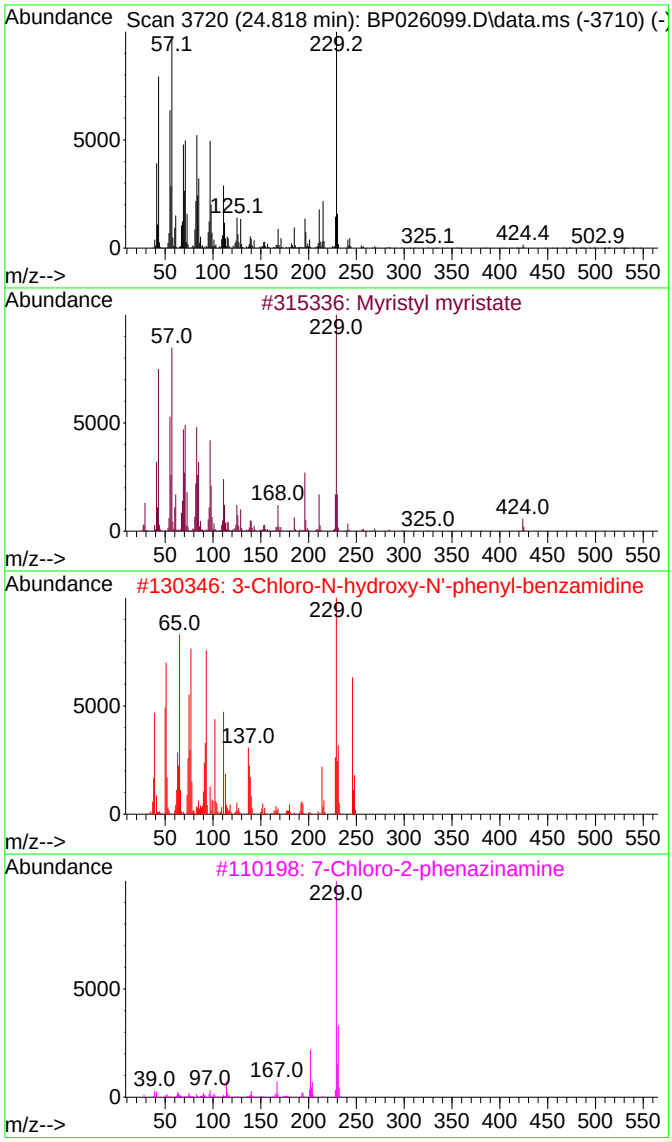
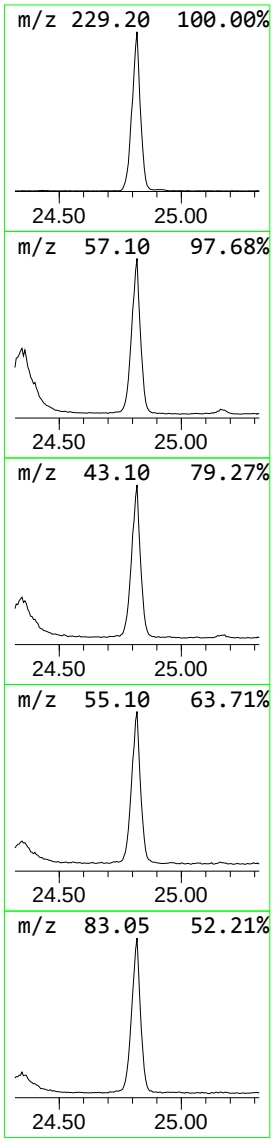
Peak Number 17 Myristyl myristate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.819	29.35 ng	8519050	Perylene-d12	24.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristyl myristate	424	C28H56O2	003234-85-3	93
2	3-Chloro-N-hydroxy-N'-phenyl-ben...	246	C13H11ClN2O	1000296-73-8	22
3	7-Chloro-2-phenazinamine	229	C12H8ClN3	023677-11-4	22
4	10H-Phenothiazine, 3-methoxy-	229	C13H11NOS	001771-19-3	18
5	Glutaric acid, 2,2,3,3-tetrafluo...	398	C19H30F4O4	1000394-01-1	16





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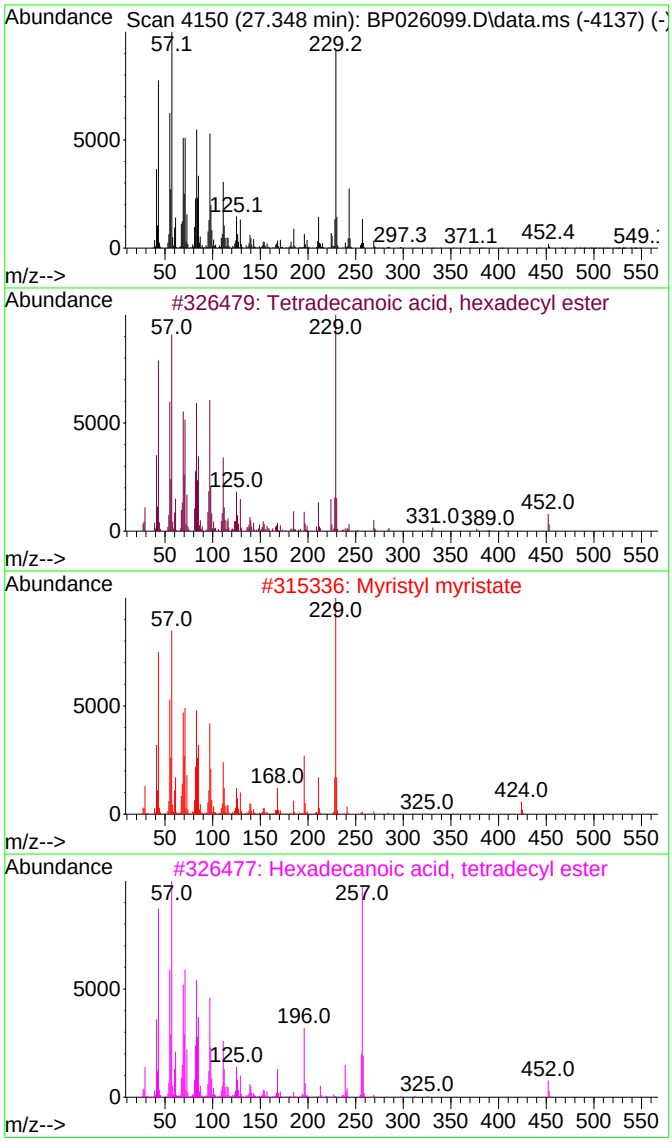
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

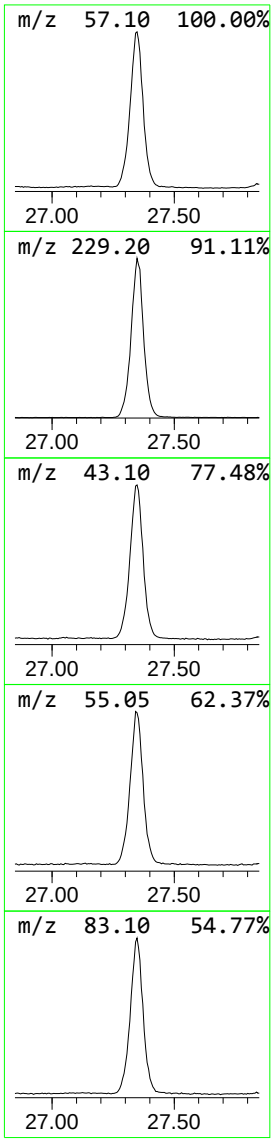
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Tetradecanoic acid, hexadec... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.348	47.94 ng	13916300	Perylene-d12	24.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid, hexadecyl ester	452	C30H60O2	002599-01-1	93
2	Myristyl myristate	424	C28H56O2	003234-85-3	87
3	Hexadecanoic acid, tetradecyl ester	452	C30H60O2	004536-26-9	38
4	6-Methyl-2-(methylthio)-4-pyrimi...	244	C9H16N2S2Si	1000479-10-2	18
5	10H-Phenothiazine, 3-methoxy-	229	C13H11NOS	001771-19-3	18





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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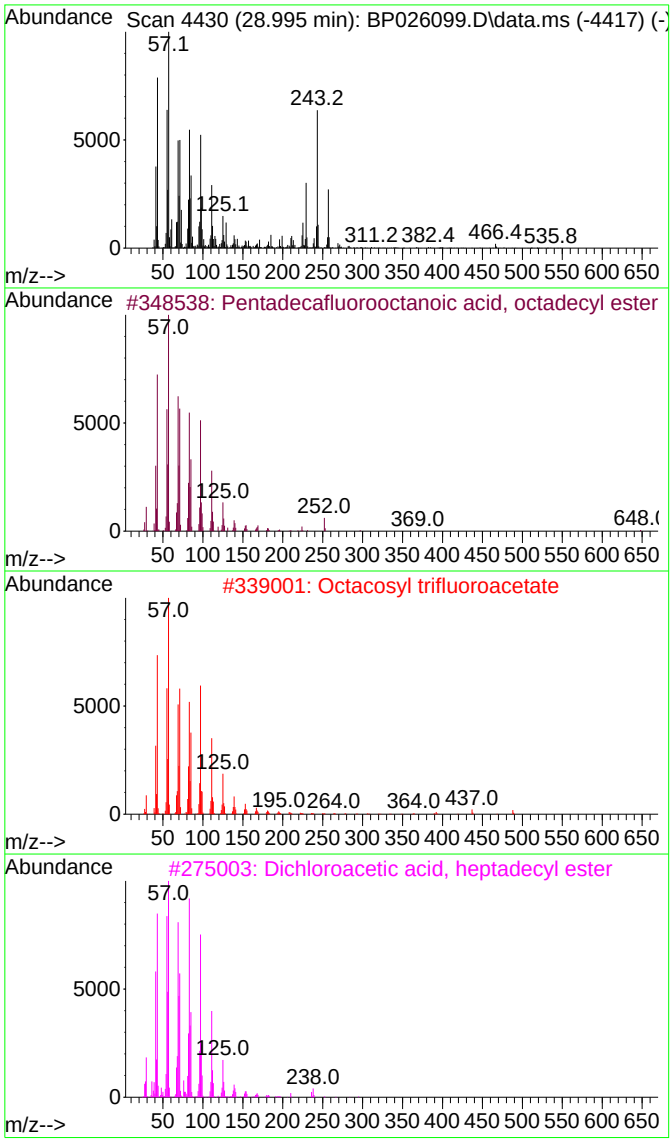
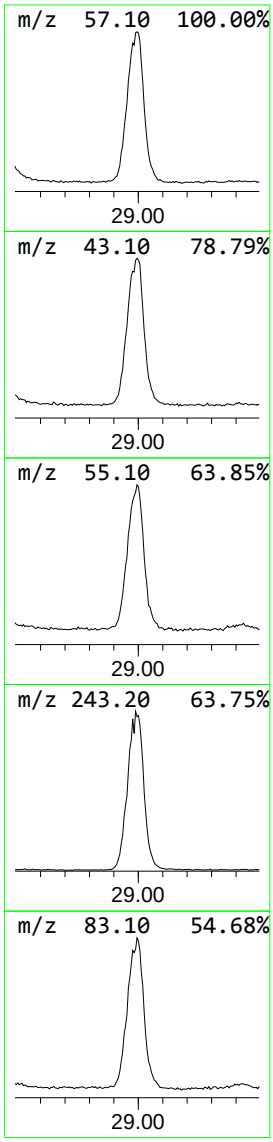
Peak Number 20 Pentadecafluorooctanoic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.995	23.09 ng	6704160	Perylene-d12	24.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87
5	Hexadecyl pentadecanoate	466	C31H62O2	036617-33-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heptanoic acid	8.284	15.0	ng	1329440	1	7.672	1771080	20.0
Phenol, 3-ethyl-	9.890	10.8	ng	1396750	2	10.443	2584240	20.0
Benzeneacetic acid	10.990	8.9	ng	1149940	2	10.443	2584240	20.0
Hydrocinnamic acid	12.278	17.1	ng	2206940	2	10.443	2584240	20.0
Diethyltoluamide	15.084	15.7	ng	3272620	3	14.313	4165030	20.0
Ibuprofen	15.401	33.6	ng	6999860	3	14.313	4165030	20.0
Benzophenone	15.701	9.1	ng	1894810	3	14.313	4165030	20.0
Benzenesulfonam...	16.931	8.6	ng	1892410	4	17.131	4404490	20.0
Benzoic acid, 3...	17.648	13.8	ng	3044800	4	17.131	4404490	20.0
n-Hexadecanoic ...	18.095	13.5	ng	2970890	4	17.131	4404490	20.0
3,5-di-tert-But...	18.301	14.1	ng	3093550	4	17.131	4404490	20.0
Myristyl myristate	24.819	29.4	ng	8519050	6	24.913	5806110	20.0
Tetradecanoic a...	27.348	47.9	ng	13916300	6	24.913	5806110	20.0
Pentadecafluoro...	28.995	23.1	ng	6704160	6	24.913	5806110	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Quant Time: Nov 13 15:46:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

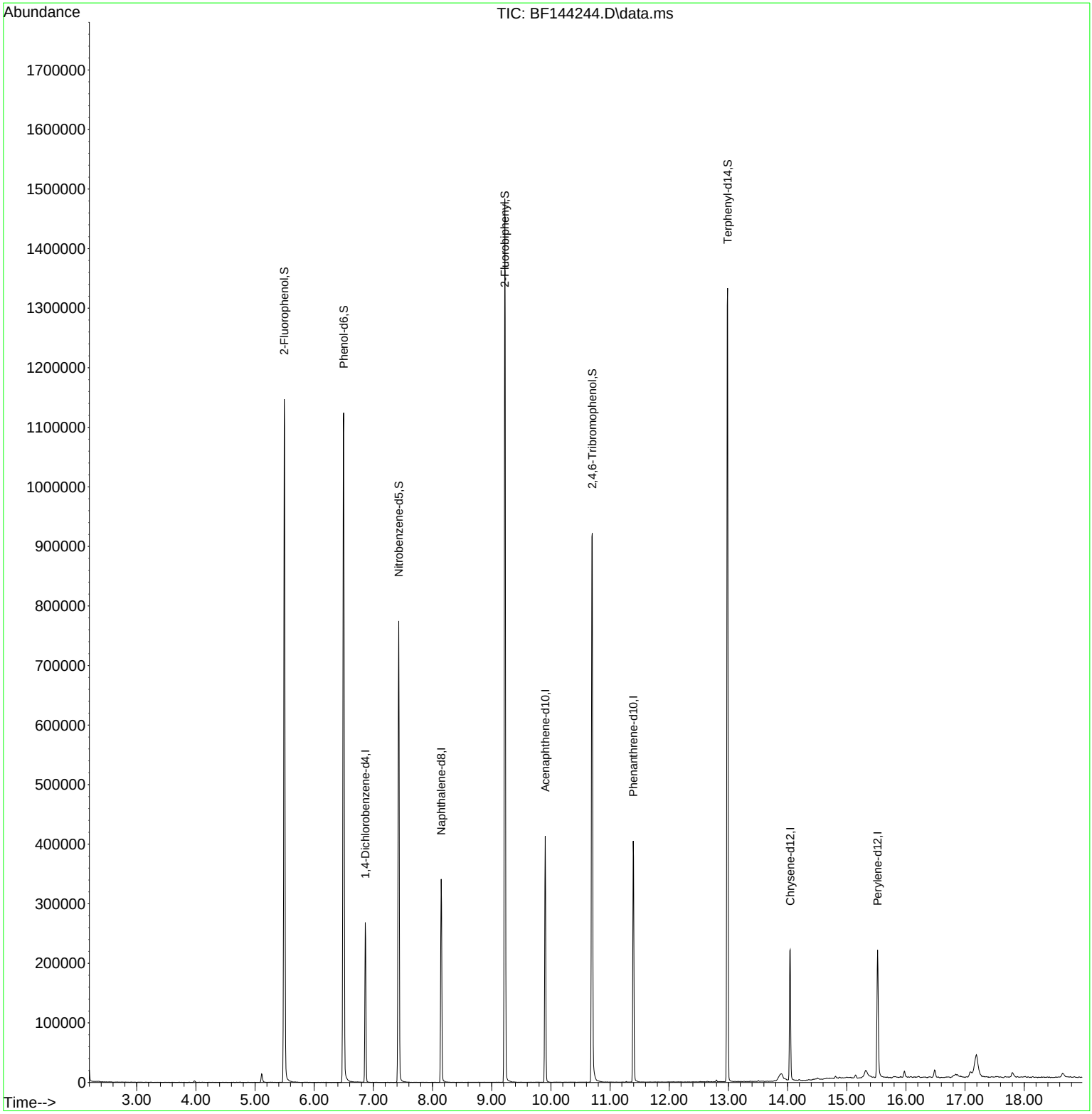
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58185	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	226377	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	128860	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	235212	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	125254	20.000	ng	0.00
86) Perylene-d12	15.521	264	146599	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	442296	118.955	ng	0.00
7) Phenol-d6	6.498	99	503178	119.434	ng	0.00
23) Nitrobenzene-d5	7.428	82	329373	84.032	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	198023	122.460	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	705126	80.818	ng	0.00
79) Terphenyl-d14	12.986	244	748766	94.955	ng	0.00
Target Compounds						Qvalue

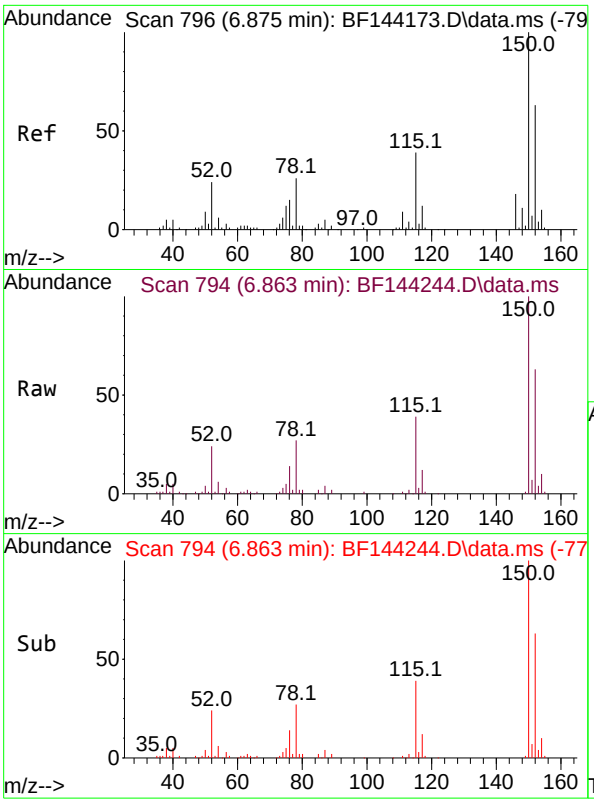
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Quant Time: Nov 13 15:46:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



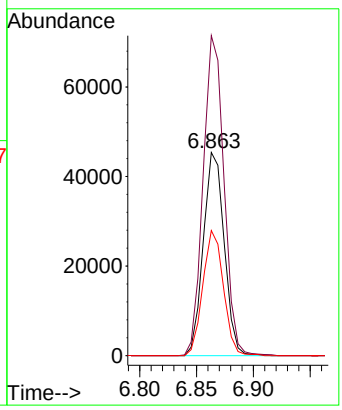


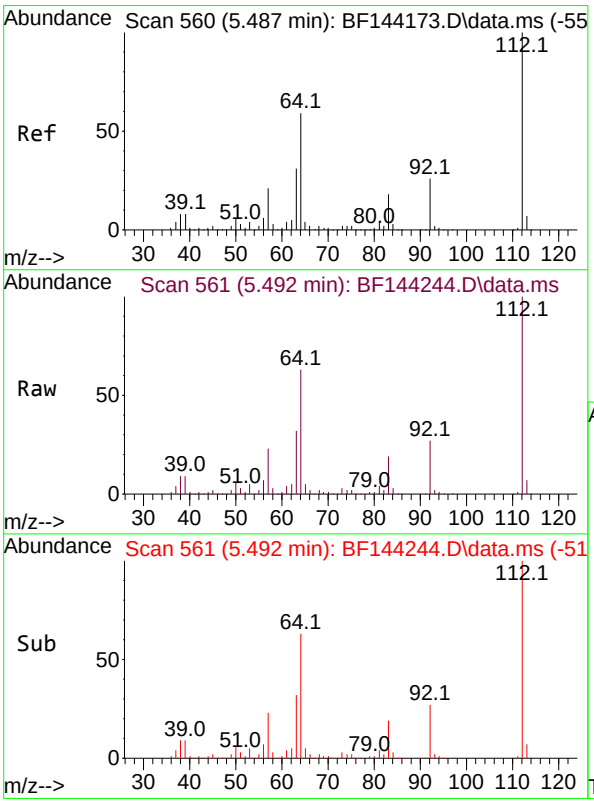
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion:152 Resp: 58185

Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.4	191.0
115	61.5	49.5	74.3

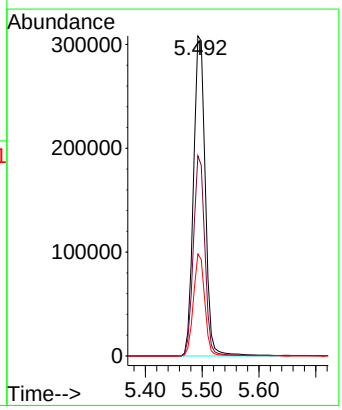


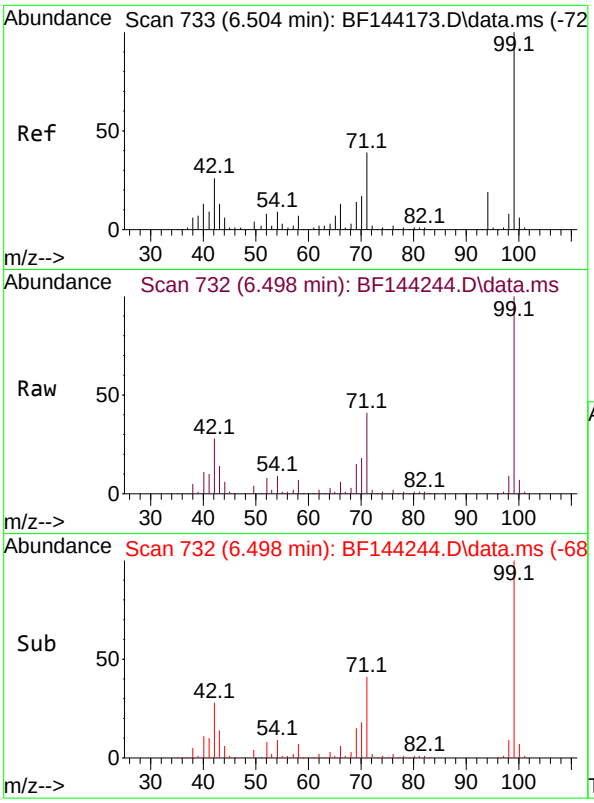


#5
2-Fluorophenol
Concen: 118.955 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:112 Resp: 442296

Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.2	70.8
63	31.8	24.4	36.6



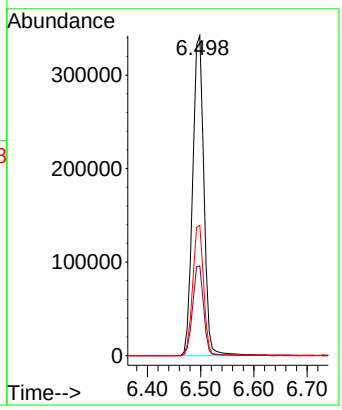


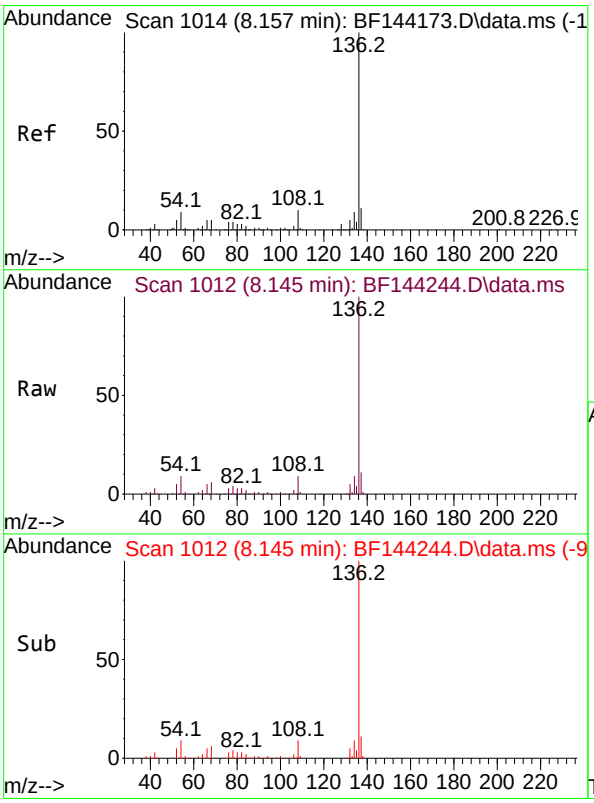
#7
Phenol-d6
Concen: 119.434 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion: 99 Resp: 503178

Ion	Ratio	Lower	Upper
99	100		
42	28.1	20.9	31.3
71	40.7	31.4	47.2

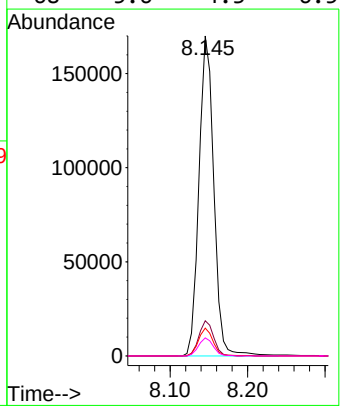


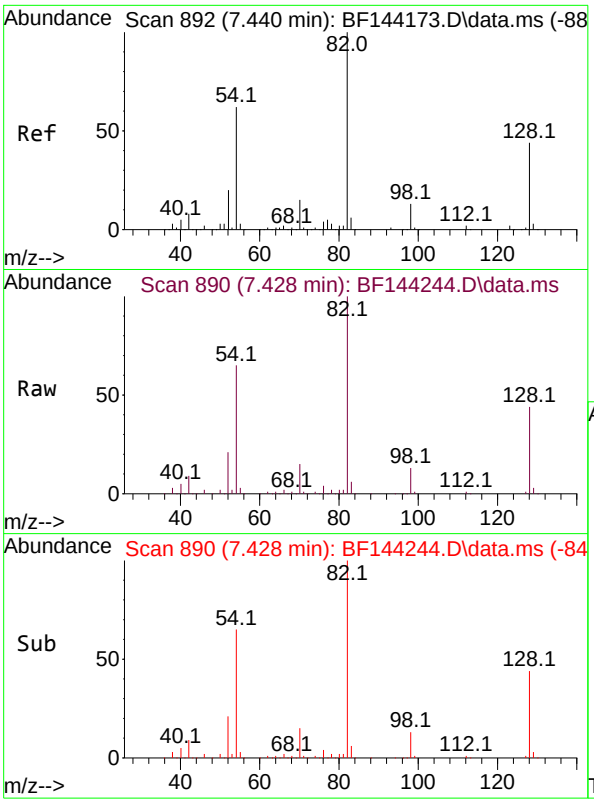


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:136 Resp: 226377

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.7	7.0	10.6
68	5.6	4.3	6.5



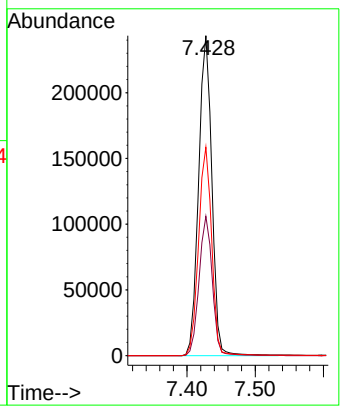


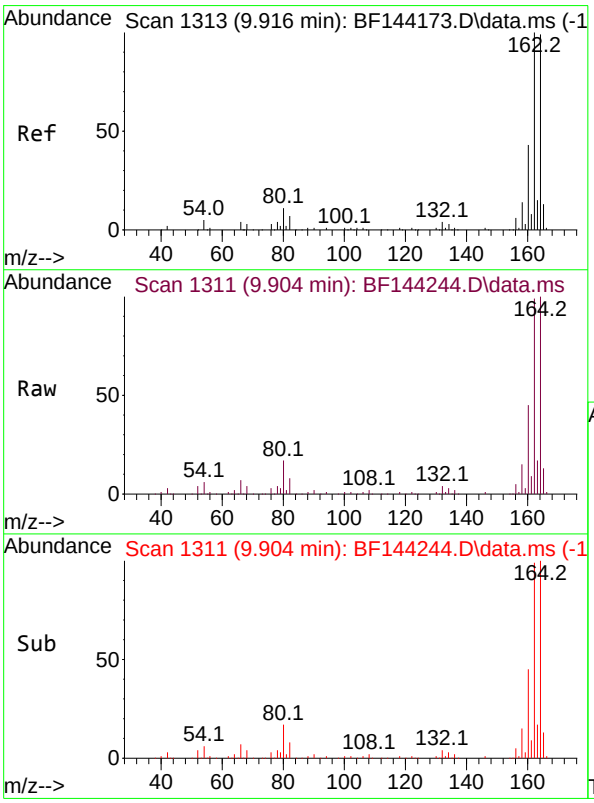
#23
Nitrobenzene-d5
Concen: 84.032 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion: 82 Resp: 329373

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.7	52.1
54	65.1	49.5	74.3

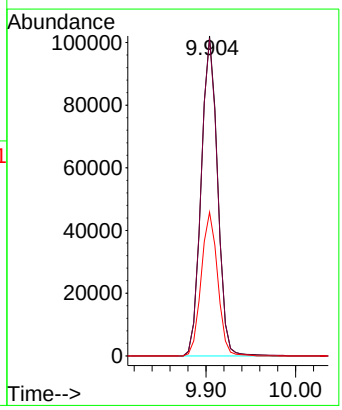


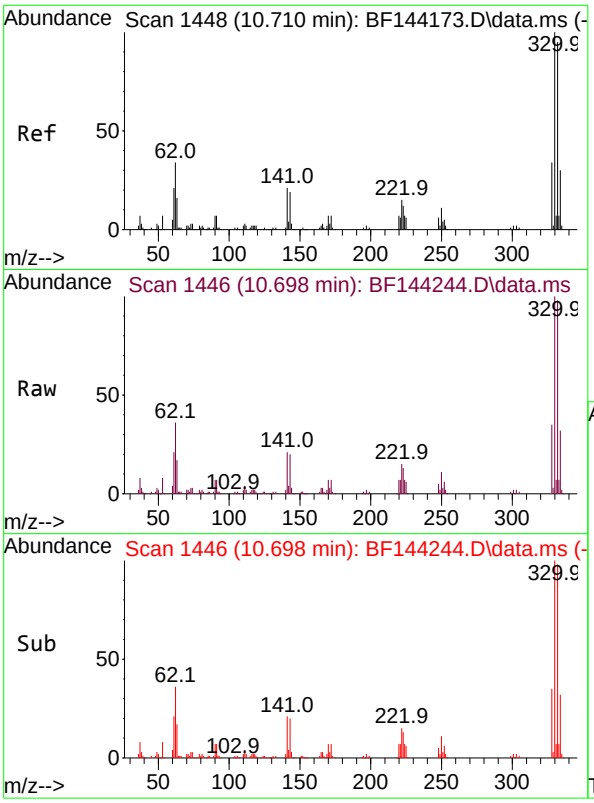


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:164 Resp: 128860

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.1	121.7
160	44.9	34.5	51.7



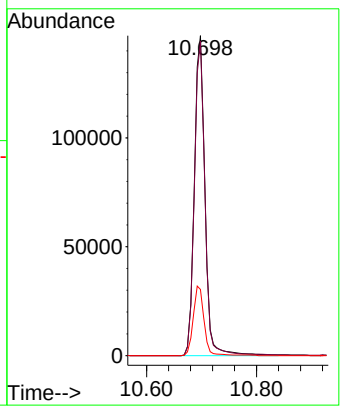


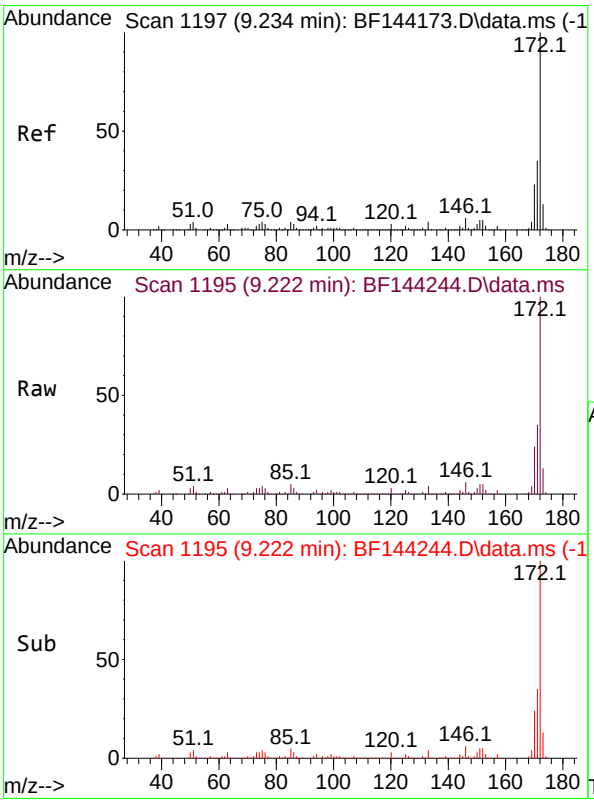
#42
2,4,6-Tribromophenol
Concen: 122.460 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion:330 Resp: 198023

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.7	115.1
141	22.1	17.8	26.8

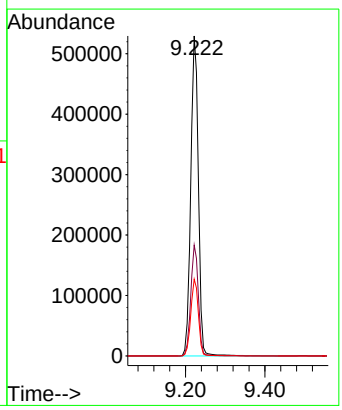


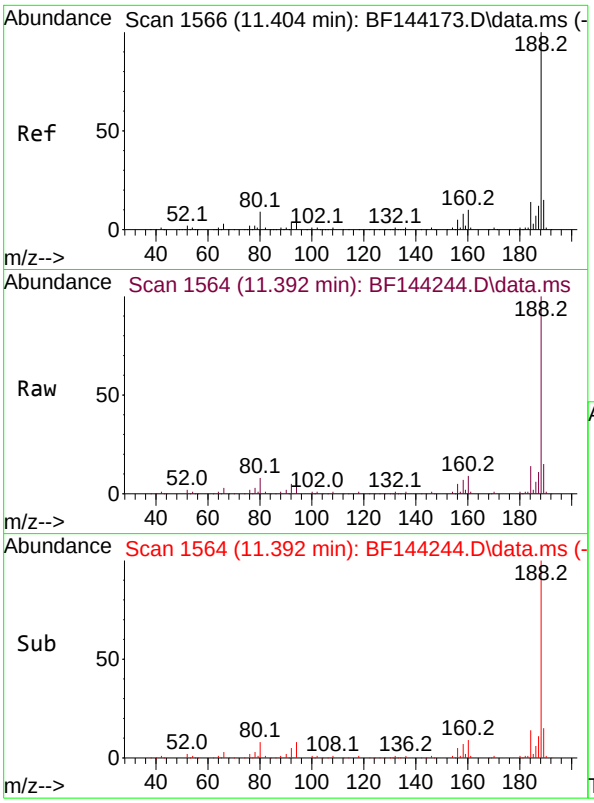


#45
2-Fluorobiphenyl
Concen: 80.818 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:172 Resp: 705126

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	24.0	18.6	28.0



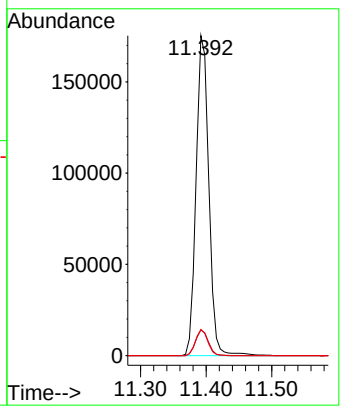


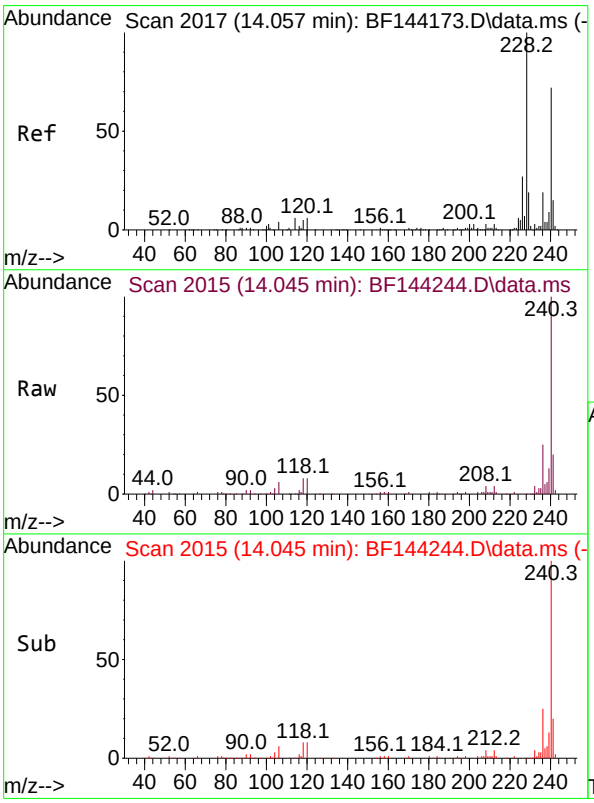
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion:188 Resp: 235212

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.2	9.2
80	8.2	6.9	10.3

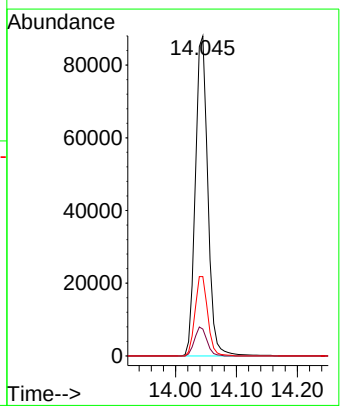


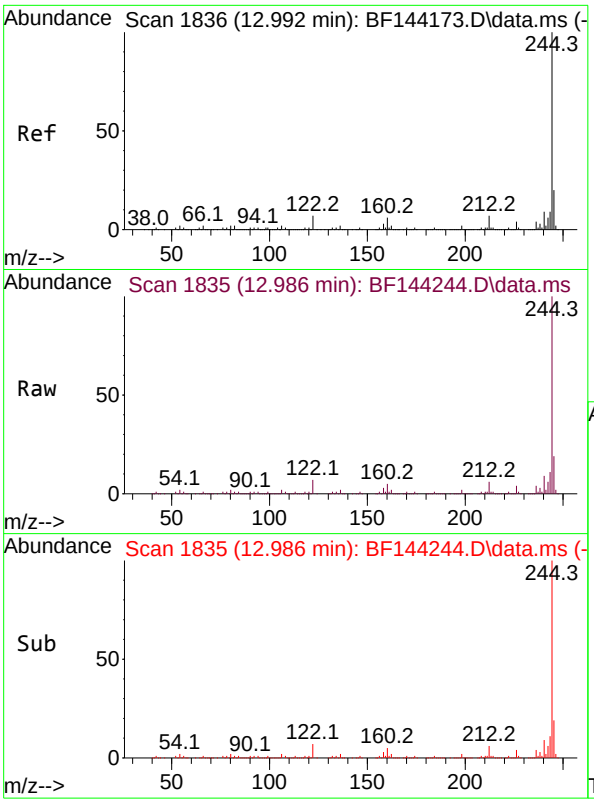


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:240 Resp: 125254

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.6	10.0
236	24.8	21.4	32.2



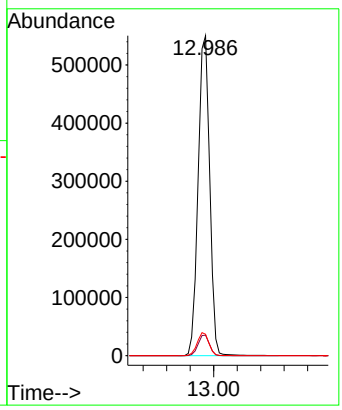


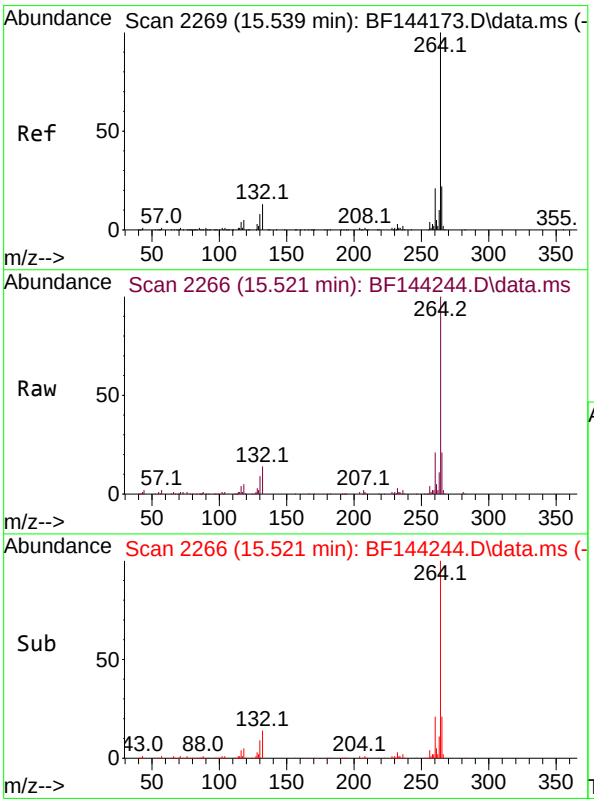
#79
Terphenyl-d14
Concen: 94.955 ng
RT: 12.986 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion:244 Resp: 748766

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.3	7.9
122	6.7	5.6	8.4

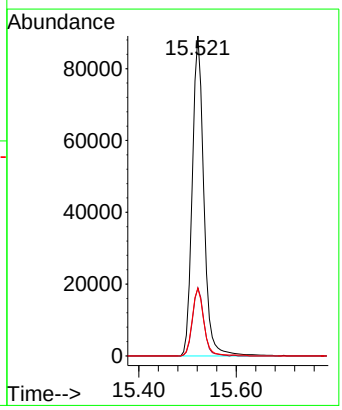




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:264 Resp: 146599

Ion	Ratio	Lower	Upper
264	100		
260	21.3	17.1	25.7
265	21.1	17.4	26.0



Sample Results: **BF144244.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144244.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	489	496	509	rBV	14232	24684	1.27%	0.204%
2	5.492	556	561	588	rBV	1146669	1596327	82.21%	13.172%
3	6.498	726	732	751	rBV	1124184	1627688	83.83%	13.431%
4	6.863	789	794	805	rVB	268525	337739	17.39%	2.787%
5	7.428	884	890	908	rBV	774534	1037948	53.46%	8.565%
6	8.145	1007	1012	1020	rBV	341110	443322	22.83%	3.658%
7	9.222	1189	1195	1217	rBV	1483418	1941711	100.00%	16.022%
8	9.904	1306	1311	1324	rBV	412855	518090	26.68%	4.275%
9	10.698	1440	1446	1480	rBV	921549	1286795	66.27%	10.618%
10	11.392	1559	1564	1584	rVB	404734	535355	27.57%	4.418%
11	12.986	1829	1835	1840	rBV	1331973	1807471	93.09%	14.915%
12	13.892	1973	1989	2006	rBV5	11973	66320	3.42%	0.547%
13	14.045	2009	2015	2026	rVB	218786	307574	15.84%	2.538%
14	15.321	2227	2232	2246	rVB8	10189	32017	1.65%	0.264%
15	15.521	2260	2266	2280	rBV	214032	353610	18.21%	2.918%
16	16.486	2425	2430	2437	rVB3	12161	23475	1.21%	0.194%
17	17.192	2540	2550	2566	rVB2	36831	158141	8.14%	1.305%
18	17.798	2649	2653	2664	rVB6	7814	20527	1.06%	0.169%

Sum of corrected areas: 12118794

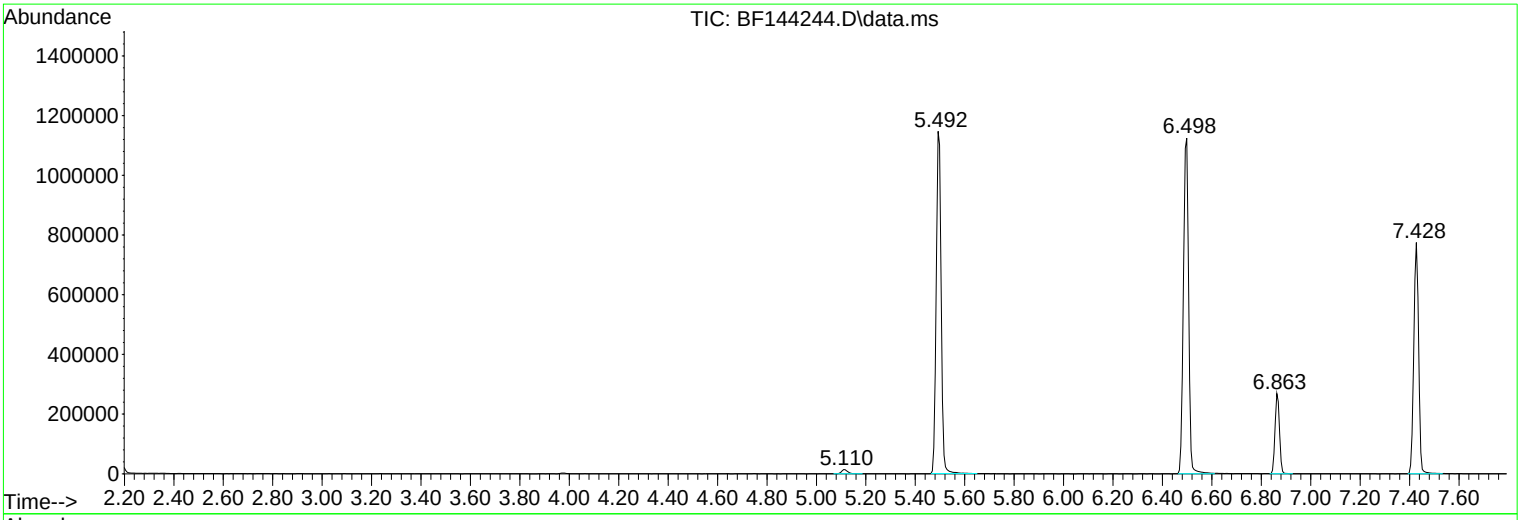
Sample Results: **BF144244.D**

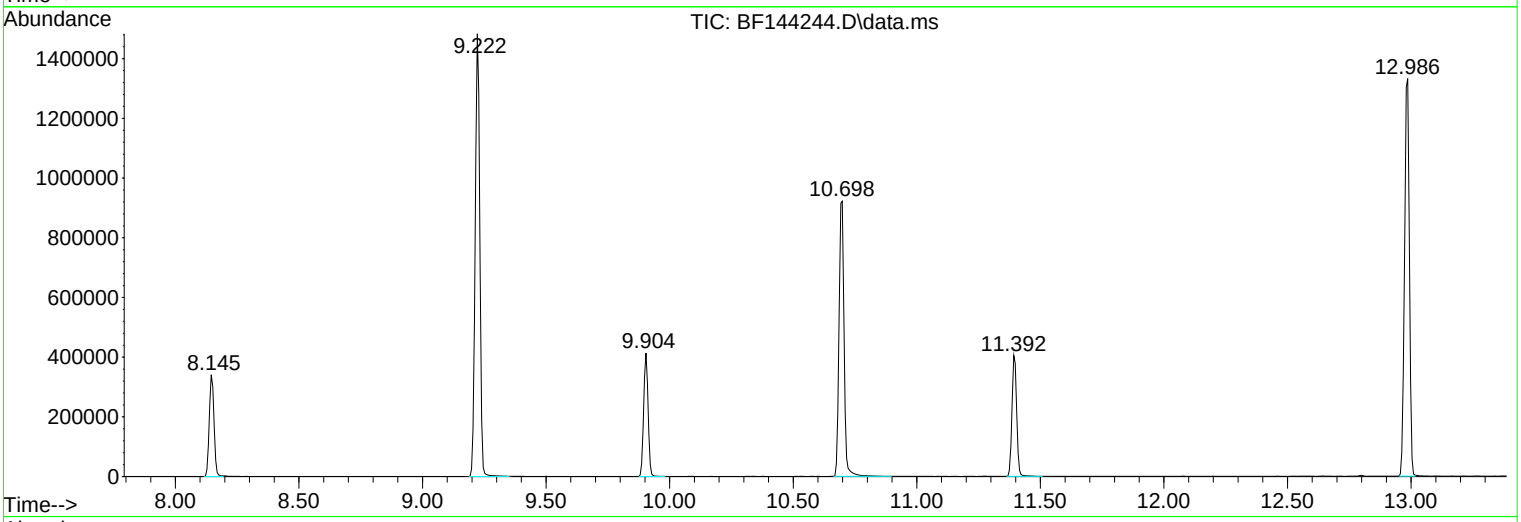
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

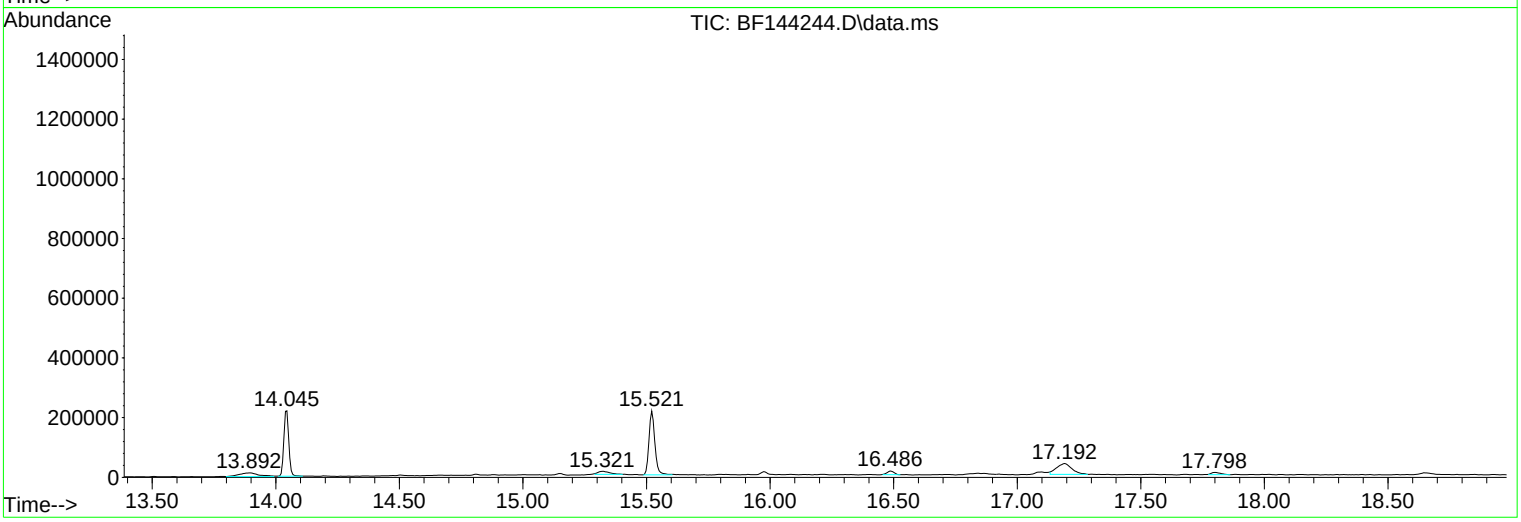
Instrument :
BNA_F
ClientSampleId :
PB170473BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p







Library Search Compound Report

Sample Results: **BF144244.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p

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

Sample Results: **BF144245.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144245.D
Acq On : 13 Nov 2025 15:55
Operator : RC/JU
Sample : PB170473BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 16:15:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	61443	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	243453	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	140132	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	236951	20.000	ng		0.00
76) Chrysene-d12	14.045	240	118377	20.000	ng		0.00
86) Perylene-d12	15.527	264	157737	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	467740	119.127	ng		0.00
7) Phenol-d6	6.504	99	533527	119.923	ng		0.00
23) Nitrobenzene-d5	7.434	82	350581	83.169	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	216265	122.983	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	729154	76.850	ng		0.00
79) Terphenyl-d14	12.986	244	719166	96.499	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	62578	38.550	ng		98
3) Pyridine	3.463	79	179124	39.552	ng		99
4) n-Nitrosodimethylamine	3.410	42	114179	48.267	ng		97
6) Aniline	6.528	93	207544	32.743	ng	#	81
8) 2-Chlorophenol	6.651	128	167897	43.603	ng		98
9) Benzaldehyde	6.416	77	102064	40.627	ng		93
10) Phenol	6.516	94	229486	42.219	ng		90
11) bis(2-Chloroethyl)ether	6.604	93	172855	43.642	ng		97
12) 1,3-Dichlorobenzene	6.810	146	208708	43.925	ng		97
13) 1,4-Dichlorobenzene	6.887	146	207397	43.569	ng		99
14) 1,2-Dichlorobenzene	7.034	146	196374	43.040	ng		99
15) Benzyl Alcohol	7.010	79	163209	46.329	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	327138	44.852	ng		98
17) 2-Methylphenol	7.122	107	133634	43.625	ng		97
18) Hexachloroethane	7.375	117	69026	43.646	ng		96
19) n-Nitroso-di-n-propyla...	7.281	70	129284	44.143	ng		94
20) 3+4-Methylphenols	7.275	107	155390	43.032	ng		96
22) Acetophenone	7.275	105	223896	42.871	ng		93
24) Nitrobenzene	7.451	77	195475	42.710	ng		100
25) Isophorone	7.687	82	353672	44.357	ng		100
26) 2-Nitrophenol	7.769	139	101091	44.620	ng		99
27) 2,4-Dimethylphenol	7.804	122	164286	48.380	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	214693	43.120	ng		98
29) 2,4-Dichlorophenol	8.010	162	159690	40.801	ng		98
30) 1,2,4-Trichlorobenzene	8.087	180	175763	43.734	ng		95
31) Naphthalene	8.169	128	482201	41.638	ng		99
32) Benzoic acid	7.934	122	106932	42.959	ng		98
33) 4-Chloroaniline	8.222	127	69710	16.504	ng		100
34) Hexachlorobutadiene	8.287	225	121656	40.166	ng		96
35) Caprolactam	8.592	113	49172m	45.858	ng		
36) 4-Chloro-3-methylphenol	8.704	107	155296	44.274	ng		98
37) 2-Methylnaphthalene	8.863	142	302563	39.076	ng		99
38) 1-Methylnaphthalene	8.963	142	302350	40.470	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	184203	40.109	ng		98
41) Hexachlorocyclopentadiene	9.016	237	185990	96.064	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	128539	41.122	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144245.D
Acq On : 13 Nov 2025 15:55
Operator : RC/JU
Sample : PB170473BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 16:15:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	137095	40.694	ng	100
46) 1,1'-Biphenyl	9.328	154	413905	42.315	ng	98
47) 2-Chloronaphthalene	9.351	162	337950	40.503	ng	99
48) 2-Nitroaniline	9.451	65	108163	44.928	ng	99
49) Acenaphthylene	9.769	152	533014	46.877	ng	100
50) Dimethylphthalate	9.628	163	405560	43.686	ng	99
51) 2,6-Dinitrotoluene	9.692	165	87661	46.646	ng	98
52) Acenaphthene	9.939	154	286244	37.646	ng	97
53) 3-Nitroaniline	9.863	138	53453	26.020	ng	98
54) 2,4-Dinitrophenol	9.975	184	105620	93.073	ng	95
55) Dibenzofuran	10.116	168	430177	40.396	ng	97
56) 4-Nitrophenol	10.034	139	115588	77.783	ng	94
57) 2,4-Dinitrotoluene	10.098	165	116188	46.184	ng	96
58) Fluorene	10.457	166	346406	42.784	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	107816	45.234	ng	97
60) Diethylphthalate	10.328	149	374276	43.734	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	186905	40.526	ng	97
62) 4-Nitroaniline	10.481	138	87332	44.639	ng	99
63) Azobenzene	10.610	77	359970	45.196	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	69443	43.140	ng	94
66) n-Nitrosodiphenylamine	10.569	169	345895	45.387	ng	98
67) 4-Bromophenyl-phenylether	10.939	248	129092	42.683	ng	96
68) Hexachlorobenzene	11.010	284	154946	43.495	ng	95
69) Atrazine	11.098	200	109917	45.352	ng	97
70) Pentachlorophenol	11.204	266	148413	83.663	ng	98
71) Phenanthrene	11.422	178	509691	43.204	ng	99
72) Anthracene	11.475	178	519244	43.285	ng	99
73) Carbazole	11.633	167	443160	43.444	ng	98
74) Di-n-butylphthalate	11.957	149	516718	41.903	ng	99
75) Fluoranthene	12.616	202	503631	41.326	ng	100
77) Benzidine	12.733	184	156298	44.637	ng	97
78) Pyrene	12.845	202	493385	51.692	ng	99
80) Butylbenzylphthalate	13.457	149	147769	44.669	ng	99
81) Benzo(a)anthracene	14.033	228	370438	45.151	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	63866	22.710	ng	98
83) Chrysene	14.074	228	351949	46.470	ng	97
84) Bis(2-ethylhexyl)phtha...	14.016	149	179079	39.545	ng	99
85) Di-n-octyl phthalate	14.633	149	322146	41.231	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	519646	45.893	ng	100
88) Benzo(b)fluoranthene	15.092	252	371823	41.463	ng	99
89) Benzo(k)fluoranthene	15.121	252	386885	46.092	ng	99
90) Benzo(a)pyrene	15.463	252	386349	46.700	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	415994	45.746	ng	99
92) Benzo(g,h,i)perylene	17.480	276	425782	47.414	ng	99

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

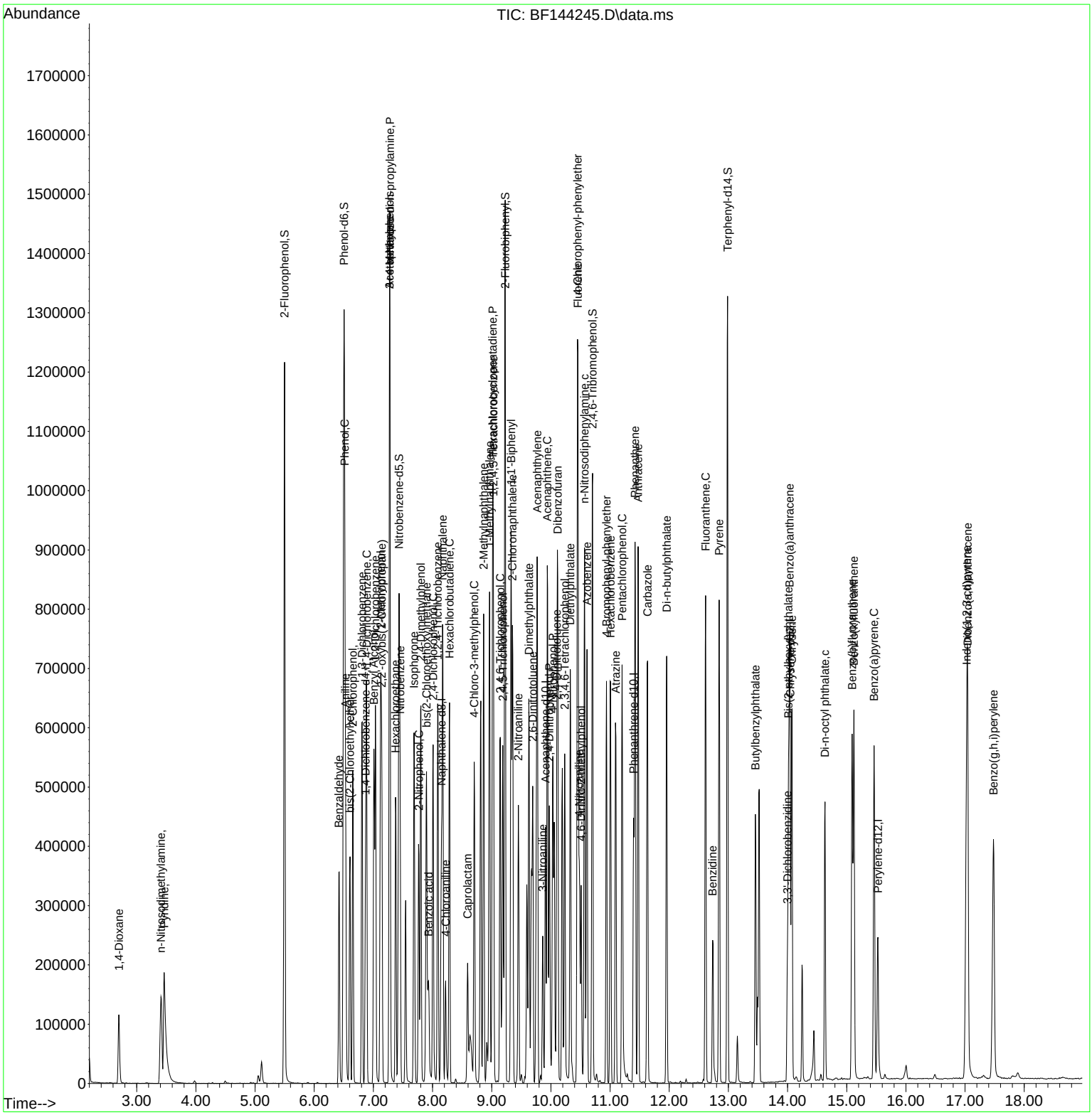
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144245.D
Acq On : 13 Nov 2025 15:55
Operator : RC/JU
Sample : PB170473BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 16:15:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



Sample Results: **BF144246.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144246.D
Acq On : 13 Nov 2025 16:24
Operator : RC/JU
Sample : PB170473BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 13 16:47:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	58832	20.000	ng		-0.01
21) Naphthalene-d8	8.151	136	241570	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	135120	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	232588	20.000	ng		0.00
76) Chrysene-d12	14.045	240	118249	20.000	ng		0.00
86) Perylene-d12	15.521	264	155276	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	455253	121.093	ng		0.00
7) Phenol-d6	6.498	99	518984	121.831	ng		0.00
23) Nitrobenzene-d5	7.434	82	342926	81.987	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	210542	124.170	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	718260	78.510	ng		0.00
79) Terphenyl-d14	12.986	244	700771	94.133	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	61363	39.479	ng		99
3) Pyridine	3.463	79	173054	39.908	ng		99
4) n-Nitrosodimethylamine	3.410	42	110714	48.879	ng		94
6) Aniline	6.534	93	200047	32.961	ng		99
8) 2-Chlorophenol	6.651	128	165957	45.012	ng		98
9) Benzaldehyde	6.422	77	98326	40.876	ng		99
10) Phenol	6.516	94	224574	43.149	ng		90
11) bis(2-Chloroethyl)ether	6.604	93	170416	44.936	ng		97
12) 1,3-Dichlorobenzene	6.810	146	199178	43.780	ng		99
13) 1,4-Dichlorobenzene	6.887	146	204670	44.904	ng		99
14) 1,2-Dichlorobenzene	7.034	146	199288	45.617	ng		98
15) Benzyl Alcohol	7.010	79	160046	47.448	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	317923	45.523	ng		98
17) 2-Methylphenol	7.122	107	133795	45.616	ng		98
18) Hexachloroethane	7.375	117	66267	43.761	ng		100
19) n-Nitroso-di-n-propyla...	7.281	70	128277	45.743	ng		96
20) 3+4-Methylphenols	7.275	107	153078	44.273	ng		94
22) Acetophenone	7.275	105	218214	42.108	ng	#	92
24) Nitrobenzene	7.451	77	191943	42.265	ng		99
25) Isophorone	7.686	82	345984	43.731	ng		99
26) 2-Nitrophenol	7.763	139	99002	44.039	ng		95
27) 2,4-Dimethylphenol	7.804	122	155231	46.070	ng		94
28) bis(2-Chloroethoxy)met...	7.898	93	210138	42.534	ng		97
29) 2,4-Dichlorophenol	8.010	162	160319	41.281	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	170085	42.651	ng		97
31) Naphthalene	8.169	128	471894	41.066	ng		100
32) Benzoic acid	7.934	122	103430	41.876	ng		95
33) 4-Chloroaniline	8.222	127	70111	16.729	ng		99
34) Hexachlorobutadiene	8.286	225	121293	40.358	ng		97
35) Caprolactam	8.592	113	50453m	47.419	ng		
36) 4-Chloro-3-methylphenol	8.704	107	151236	43.453	ng		99
37) 2-Methylnaphthalene	8.863	142	297986	38.785	ng		99
38) 1-Methylnaphthalene	8.963	142	299912	40.456	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	181158	40.909	ng	#	98
41) Hexachlorocyclopentadiene	9.016	237	190222	100.084	ng		95
43) 2,4,6-Trichlorophenol	9.145	196	123600	41.009	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144246.D
Acq On : 13 Nov 2025 16:24
Operator : RC/JU
Sample : PB170473BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 13 16:47:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	134698	41.466	ng	99
46) 1,1'-Biphenyl	9.328	154	397971	42.195	ng	98
47) 2-Chloronaphthalene	9.351	162	338120	42.026	ng	98
48) 2-Nitroaniline	9.451	65	108204	46.612	ng	99
49) Acenaphthylene	9.769	152	515625	47.030	ng	100
50) Dimethylphthalate	9.628	163	398788	44.550	ng	100
51) 2,6-Dinitrotoluene	9.692	165	85929	47.421	ng	99
52) Acenaphthene	9.939	154	279860	38.172	ng	99
53) 3-Nitroaniline	9.863	138	49936	25.209	ng	99
54) 2,4-Dinitrophenol	9.975	184	97089	88.729	ng	96
55) Dibenzofuran	10.116	168	428345	41.716	ng	99
56) 4-Nitrophenol	10.033	139	115883	80.874	ng	97
57) 2,4-Dinitrotoluene	10.098	165	113163	46.650	ng	94
58) Fluorene	10.457	166	332939	42.646	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	106276	46.242	ng	97
60) Diethylphthalate	10.327	149	364140	44.128	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	184953	41.590	ng	95
62) 4-Nitroaniline	10.480	138	83170	44.089	ng	97
63) Azobenzene	10.610	77	356045	46.361	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	70115	44.375	ng	96
66) n-Nitrosodiphenylamine	10.569	169	330545	44.187	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	124320	41.876	ng	96
68) Hexachlorobenzene	11.004	284	154570	44.203	ng	99
69) Atrazine	11.092	200	107065	45.004	ng	99
70) Pentachlorophenol	11.204	266	141293	81.143	ng	97
71) Phenanthrene	11.422	178	499513	43.135	ng	100
72) Anthracene	11.474	178	511664	43.453	ng	100
73) Carbazole	11.627	167	430878	43.033	ng	99
74) Di-n-butylphthalate	11.957	149	496536	41.021	ng	100
75) Fluoranthene	12.616	202	487529	40.755	ng	100
77) Benzidine	12.733	184	145434	41.580	ng	98
78) Pyrene	12.845	202	471436	49.446	ng	100
80) Butylbenzylphthalate	13.457	149	145023	43.887	ng	99
81) Benzo(a)anthracene	14.033	228	364470	44.472	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	63171	22.487	ng	96
83) Chrysene	14.068	228	345638	45.686	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	174072	38.481	ng	99
85) Di-n-octyl phthalate	14.627	149	319844	40.981	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	509733	45.731	ng	100
88) Benzo(b)fluoranthene	15.092	252	375877	42.579	ng	99
89) Benzo(k)fluoranthene	15.121	252	371832	45.001	ng	99
90) Benzo(a)pyrene	15.462	252	383834	47.131	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	410772	45.888	ng	99
92) Benzo(g,h,i)perylene	17.480	276	411997	46.606	ng	100

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

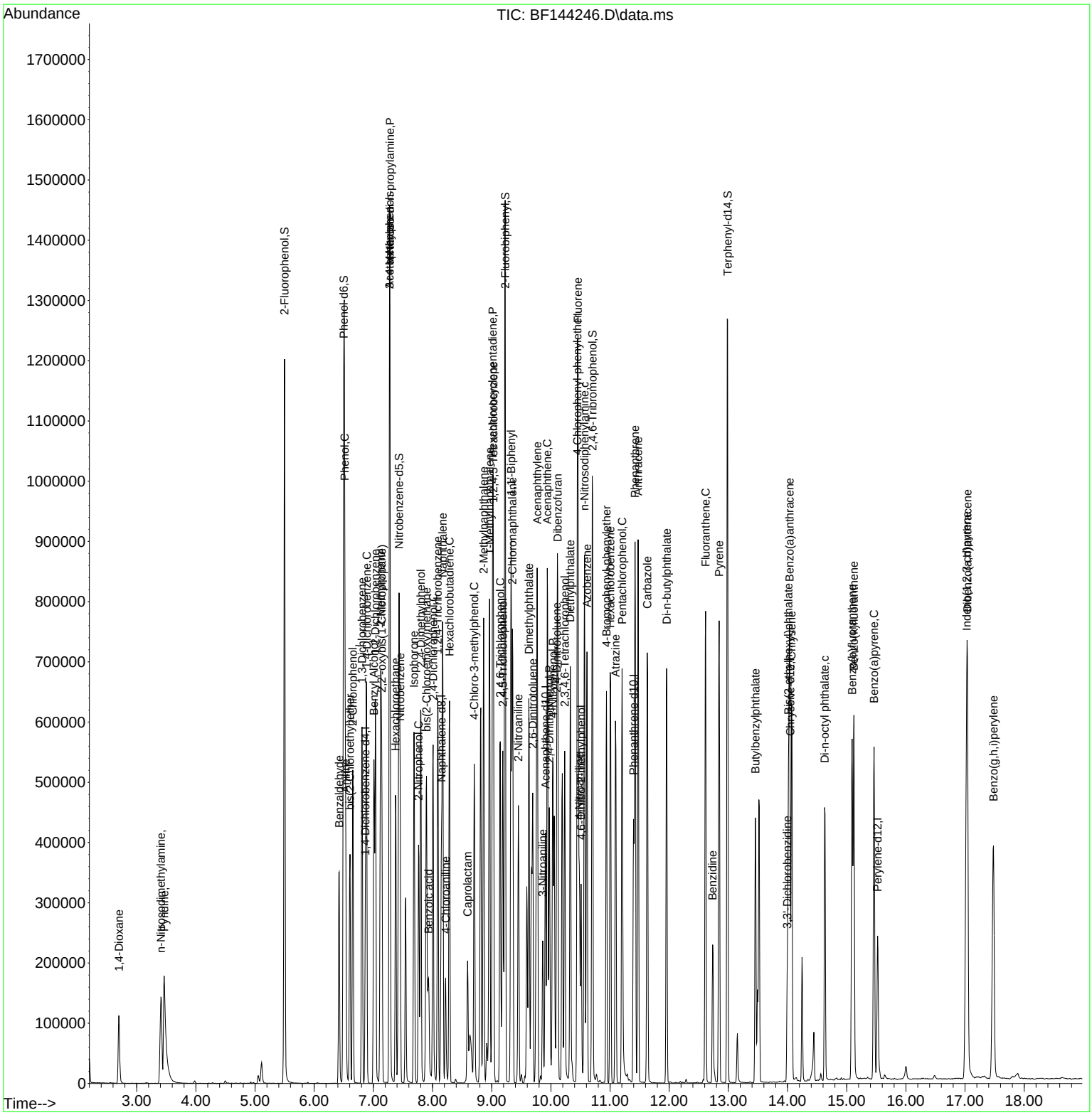
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144246.D
Acq On : 13 Nov 2025 16:24
Operator : RC/JU
Sample : PB170473BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 13 16:47:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



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

Manual Integration Report

Sequence:	BF110525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF144170.D	Benzo(b)fluoranthene	rahul	11/6/2025 8:43:08 AM	Jagrut	11/6/2025 10:21:01 AM	Peak Integrated by Software
SSTDICV040	BF144177.D	Benzoic acid	rahul	11/6/2025 8:43:11 AM	Jagrut	11/6/2025 10:21:04 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF111125	Instrument	BNA_f

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

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Manual Integration Report

Sequence:	Bf111325	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170473BS	BF144245.D	Caprolactam	Jagrut	11/14/2025 11:02:28 AM	Sohil	11/14/2025 12:25:32 PM	Peak Integrated by Software
PB170473BSD	BF144246.D	Caprolactam	Jagrut	11/14/2025 11:02:30 AM	Sohil	11/14/2025 12:25:34 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP102925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BP026030.D	Benzaldehyde	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC010	BP026030.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Benzaldehyde	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC050	BP026033.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:07 AM	Jagrut	11/4/2025 3:52:45 PM	Peak Integrated by Software
SSTDICC080	BP026035.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:09 AM	Jagrut	11/4/2025 3:52:47 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Benzaldehyde	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP111125	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP026090.D	Acenaphthene	rahul	11/12/2025 9:19:43 AM	Jagrut	11/12/2025 11:21:52 AM	Peak Integrated by Software
SSTDCCC040	BP026090.D	Indeno(1,2,3-cd)pyrene	rahul	11/12/2025 9:19:43 AM	Jagrut	11/12/2025 11:21:52 AM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM		
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM		
SubDirectory	BF110525	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144168.D	05 Nov 2025 12:21	RC/JU	Ok
2	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50	RC/JU	Ok
3	SSTDICC005	BF144170.D	05 Nov 2025 13:20	RC/JU	Ok,M
4	SSTDICC010	BF144171.D	05 Nov 2025 13:50	RC/JU	Ok
5	SSTDICC020	BF144172.D	05 Nov 2025 14:20	RC/JU	Ok
6	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	RC/JU	Ok
7	SSTDICC050	BF144174.D	05 Nov 2025 15:49	RC/JU	Ok
8	SSTDICC060	BF144175.D	05 Nov 2025 16:19	RC/JU	Ok
9	SSTDICC080	BF144176.D	05 Nov 2025 16:49	RC/JU	Ok
10	SSTDICV040	BF144177.D	05 Nov 2025 17:21	RC/JU	Ok,M
11	PB170372BL	BF144178.D	05 Nov 2025 18:10	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM				
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM				
SubDirectory	BF111125	HP Acquire Method	BNA_F		HP Processing Method	BF110525	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144197.D	11 Nov 2025 09:40	RC/JU	Ok
2	SSTDCCC040	BF144198.D	11 Nov 2025 10:09	RC/JU	Ok
3	PB170478BL	BF144199.D	11 Nov 2025 13:07	RC/JU	Ok
4	PB170478BS	BF144200.D	11 Nov 2025 13:36	RC/JU	Ok,M
5	Q3586-01	BF144201.D	11 Nov 2025 14:09	RC/JU	Ok
6	Q3584-05	BF144202.D	11 Nov 2025 14:39	RC/JU	Ok
7	Q3584-02	BF144203.D	11 Nov 2025 15:09	RC/JU	Ok
8	Q3584-03	BF144204.D	11 Nov 2025 15:38	RC/JU	Ok
9	Q3584-04	BF144205.D	11 Nov 2025 16:07	RC/JU	Ok
10	DFTPP	BF144206.D	11 Nov 2025 17:03	RC/JU	Ok
11	SSTDCCC040	BF144207.D	11 Nov 2025 17:33	RC/JU	Ok
12	PB170462TB	BF144208.D	11 Nov 2025 18:02	RC/JU	Ok
13	Q3581-01	BF144209.D	11 Nov 2025 18:31	RC/JU	Ok
14	Q3581-03	BF144210.D	11 Nov 2025 19:01	RC/JU	Ok,M
15	Q3592-01	BF144211.D	11 Nov 2025 19:30	RC/JU	Ok
16	Q3590-05	BF144212.D	11 Nov 2025 20:00	RC/JU	Ok
17	Q3598-02	BF144213.D	11 Nov 2025 20:29	RC/JU	Ok
18	Q3599-02	BF144214.D	11 Nov 2025 20:58	RC/JU	Ok
19	Q3601-04	BF144215.D	11 Nov 2025 21:28	RC/JU	Ok
20	Q3601-08	BF144216.D	11 Nov 2025 21:57	RC/JU	Ok
21	Q3581-05	BF144217.D	11 Nov 2025 22:27	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM		
SubDirectory	BF111125	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3581-07	BF144218.D	11 Nov 2025 22:57	RC/JU	Ok,M
23	Q3593-08	BF144219.D	11 Nov 2025 23:27	RC/JU	Ok,M
24	Q3593-10	BF144220.D	11 Nov 2025 23:56	RC/JU	Ok,M
25	Q3588-01	BF144221.D	12 Nov 2025 00:26	RC/JU	Ok,M
26	Q3588-03	BF144222.D	12 Nov 2025 00:56	RC/JU	Ok,M
27	Q3590-01	BF144223.D	12 Nov 2025 01:25	RC/JU	Ok,M
28	Q3590-03	BF144224.D	12 Nov 2025 01:54	RC/JU	Ok
29	Q3587-01	BF144225.D	12 Nov 2025 02:23	RC/JU	Ok
30	Q3582-04	BF144226.D	12 Nov 2025 02:52	RC/JU	Ok,M
31	Q3593-04	BF144227.D	12 Nov 2025 03:22	RC/JU	Ok
32	Q3593-06	BF144228.D	12 Nov 2025 03:52	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111325

Review By	Jagrut	Review On	11/14/2025 11:02:51 AM		
Supervise By	Sohil	Supervise On	11/14/2025 12:25:49 PM		
SubDirectory	BF111325	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144242.D	13 Nov 2025 14:26	RC/JU	Ok
2	SSTDCCC040	BF144243.D	13 Nov 2025 14:56	RC/JU	Ok
3	PB170473BL	BF144244.D	13 Nov 2025 15:25	RC/JU	Ok
4	PB170473BS	BF144245.D	13 Nov 2025 15:55	RC/JU	Ok,M
5	PB170473BSD	BF144246.D	13 Nov 2025 16:24	RC/JU	Ok,M
6	Q3574-01	BF144247.D	13 Nov 2025 16:54	RC/JU	Ok
7	Q3609-03	BF144248.D	13 Nov 2025 17:24	RC/JU	Ok
8	Q3609-03MS	BF144249.D	13 Nov 2025 17:54	RC/JU	Ok,M
9	Q3609-03MSD	BF144250.D	13 Nov 2025 18:23	RC/JU	Ok,M
10	SSTDCCC040	BF144251.D	13 Nov 2025 18:53	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM		
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM		
SubDirectory	BP102925	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026027.D	29 Oct 2025 08:45	RC/JU	Ok
2	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26	RC/JU	Ok
3	SSTDICC005	BP026029.D	29 Oct 2025 10:07	RC/JU	Ok
4	SSTDICC010	BP026030.D	29 Oct 2025 10:48	RC/JU	Ok,M
5	SSTDICC020	BP026031.D	29 Oct 2025 11:29	RC/JU	Ok,M
6	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	RC/JU	Ok
7	SSTDICC050	BP026033.D	29 Oct 2025 12:51	RC/JU	Ok,M
8	SSTDICC060	BP026034.D	29 Oct 2025 13:32	RC/JU	Ok
9	SSTDICC080	BP026035.D	29 Oct 2025 14:13	RC/JU	Ok,M
10	SSTDICV040	BP026036.D	29 Oct 2025 16:09	RC/JU	Ok,M
11	PB170259BL	BP026037.D	29 Oct 2025 16:50	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111125

Review By	rahul	Review On	11/12/2025 9:20:40 AM				
Supervise By	Jagrut	Supervise On	11/12/2025 11:40:52 AM				
SubDirectory	BP111125	HP Acquire Method	BNA_P		HP Processing Method	BP102925	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026089.D	11 Nov 2025 14:03	RC/JU	Ok
2	SSTDCCC040	BP026090.D	11 Nov 2025 14:44	RC/JU	Ok,M
3	PB170478BL	BP026091.D	11 Nov 2025 15:25	RC/JU	Ok
4	Q3586-03	BP026092.D	11 Nov 2025 16:11	RC/JU	Ok
5	Q3586-03MS	BP026093.D	11 Nov 2025 16:52	RC/JU	Ok,M
6	Q3586-03MSD	BP026094.D	11 Nov 2025 17:33	RC/JU	Ok,M
7	Q3569-01	BP026095.D	11 Nov 2025 18:14	RC/JU	Ok,M
8	Q3569-02	BP026096.D	11 Nov 2025 18:55	RC/JU	Dilution
9	Q3584-01	BP026097.D	11 Nov 2025 19:36	RC/JU	Ok
10	Q3586-02	BP026098.D	11 Nov 2025 20:18	RC/JU	Ok
11	Q3584-07	BP026099.D	11 Nov 2025 20:59	RC/JU	Ok
12	Q3583-04	BP026100.D	11 Nov 2025 21:40	RC/JU	Ok
13	Q3577-04	BP026101.D	11 Nov 2025 22:21	RC/JU	Ok,M
14	Q3581-02	BP026102.D	11 Nov 2025 23:02	RC/JU	Ok
15	Q3581-04	BP026103.D	11 Nov 2025 23:43	RC/JU	Ok
16	Q3581-06	BP026104.D	12 Nov 2025 00:25	RC/JU	Ok
17	Q3581-08	BP026105.D	12 Nov 2025 01:06	RC/JU	Ok
18	Q3601-12	BP026106.D	12 Nov 2025 01:47	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM		
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM		
SubDirectory	BF110525	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144168.D	05 Nov 2025 12:21		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF144170.D	05 Nov 2025 13:20		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF144171.D	05 Nov 2025 13:50		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF144172.D	05 Nov 2025 14:20		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	Compound #41 kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF144174.D	05 Nov 2025 15:49		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF144175.D	05 Nov 2025 16:19		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF144176.D	05 Nov 2025 16:49		RC/JU	Ok
10	SSTDICV040	ICVBF110525	BF144177.D	05 Nov 2025 17:21		RC/JU	Ok,M
11	PB170372BL	PB170372BL	BF144178.D	05 Nov 2025 18:10		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM		
SubDirectory	BF111125	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144197.D	11 Nov 2025 09:40		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144198.D	11 Nov 2025 10:09	Comp#9,77 fail from highside	RC/JU	Ok
3	PB170478BL	PB170478BL	BF144199.D	11 Nov 2025 13:07		RC/JU	Ok
4	PB170478BS	PB170478BS	BF144200.D	11 Nov 2025 13:36		RC/JU	Ok,M
5	Q3586-01	SED-1	BF144201.D	11 Nov 2025 14:09		RC/JU	Ok
6	Q3584-05	FB-2	BF144202.D	11 Nov 2025 14:39		RC/JU	Ok
7	Q3584-02	SW-2	BF144203.D	11 Nov 2025 15:09		RC/JU	Ok
8	Q3584-03	SW-3	BF144204.D	11 Nov 2025 15:38		RC/JU	Ok
9	Q3584-04	EB-2	BF144205.D	11 Nov 2025 16:07		RC/JU	Ok
10	DFTPP	DFTPP	BF144206.D	11 Nov 2025 17:03		RC/JU	Ok
11	SSTDCCC040	SSTDCCC040	BF144207.D	11 Nov 2025 17:33		RC/JU	Ok
12	PB170462TB	PB170462TB	BF144208.D	11 Nov 2025 18:02		RC/JU	Ok
13	Q3581-01	VNJ-238	BF144209.D	11 Nov 2025 18:31		RC/JU	Ok
14	Q3581-03	VNJ-245	BF144210.D	11 Nov 2025 19:01		RC/JU	Ok,M
15	Q3592-01	11625	BF144211.D	11 Nov 2025 19:30		RC/JU	Ok
16	Q3590-05	MOO-25-0319	BF144212.D	11 Nov 2025 20:00		RC/JU	Ok
17	Q3598-02	EO-CONCRETE	BF144213.D	11 Nov 2025 20:29		RC/JU	Ok
18	Q3599-02	LIVINGSTON-SOIL	BF144214.D	11 Nov 2025 20:58		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM		
SubDirectory	BF111125	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3601-04	TP-1	BF144215.D	11 Nov 2025 21:28		RC/JU	Ok
20	Q3601-08	TP-2	BF144216.D	11 Nov 2025 21:57		RC/JU	Ok
21	Q3581-05	VNJ-240	BF144217.D	11 Nov 2025 22:27		RC/JU	Ok,M
22	Q3581-07	RBR200059	BF144218.D	11 Nov 2025 22:57		RC/JU	Ok,M
23	Q3593-08	C-LAW-25-0156-0166-(	BF144219.D	11 Nov 2025 23:27	Internal standard fail.	RC/JU	Ok,M
24	Q3593-10	D-LAW-25-0156-0166-(	BF144220.D	11 Nov 2025 23:56		RC/JU	Ok,M
25	Q3588-01	TR-06-11072025	BF144221.D	12 Nov 2025 00:26		RC/JU	Ok,M
26	Q3588-03	TR-01-11072025	BF144222.D	12 Nov 2025 00:56		RC/JU	Ok,M
27	Q3590-01	MOO-25-0314-0316-C(	BF144223.D	12 Nov 2025 01:25	Internal standard fail.	RC/JU	Ok,M
28	Q3590-03	MOO-25-0317-0318-C(	BF144224.D	12 Nov 2025 01:54		RC/JU	Ok
29	Q3587-01	NB-08-110725	BF144225.D	12 Nov 2025 02:23		RC/JU	Ok
30	Q3582-04	RT4912	BF144226.D	12 Nov 2025 02:52	Internal standard fail.	RC/JU	Ok,M
31	Q3593-04	A-LAW-25-0167-0175-(	BF144227.D	12 Nov 2025 03:22	Internal standard fail.	RC/JU	Ok
32	Q3593-06	B-LAW-25-0167-0175-(	BF144228.D	12 Nov 2025 03:52	internal standard fail	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111325

Review By	Jagrut	Review On	11/14/2025 11:02:51 AM		
Supervise By	Sohil	Supervise On	11/14/2025 12:25:49 PM		
SubDirectory	BF111325	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144242.D	13 Nov 2025 14:26		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144243.D	13 Nov 2025 14:56		RC/JU	Ok
3	PB170473BL	PB170473BL	BF144244.D	13 Nov 2025 15:25		RC/JU	Ok
4	PB170473BS	PB170473BS	BF144245.D	13 Nov 2025 15:55		RC/JU	Ok,M
5	PB170473BSD	PB170473BSD	BF144246.D	13 Nov 2025 16:24		RC/JU	Ok,M
6	Q3574-01	304641-01 Liquid	BF144247.D	13 Nov 2025 16:54		RC/JU	Ok
7	Q3609-03	AU-713-COMP-01	BF144248.D	13 Nov 2025 17:24		RC/JU	Ok
8	Q3609-03MS	AU-713-COMP-01MS	BF144249.D	13 Nov 2025 17:54		RC/JU	Ok,M
9	Q3609-03MSD	AU-713-COMP-01MSD	BF144250.D	13 Nov 2025 18:23		RC/JU	Ok,M
10	SSTDCCC040	SSTDCCC040EC	BF144251.D	13 Nov 2025 18:53		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM		
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM		
SubDirectory	BP102925	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026027.D	29 Oct 2025 08:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP026029.D	29 Oct 2025 10:07		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BP026030.D	29 Oct 2025 10:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP026031.D	29 Oct 2025 11:29		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	Compound #26,48,51,53,57,80,84 are kept on LR & Compound #32,54,65 are kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP026033.D	29 Oct 2025 12:51		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP026034.D	29 Oct 2025 13:32		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP026035.D	29 Oct 2025 14:13	Compound #26 is removed from 80ppm & 60PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP102925	BP026036.D	29 Oct 2025 16:09		RC/JU	Ok,M
11	PB170259BL	PB170259BL	BP026037.D	29 Oct 2025 16:50		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111125

Review By	rahul	Review On	11/12/2025 9:20:40 AM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:40:52 AM		
SubDirectory	BP111125	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026089.D	11 Nov 2025 14:03		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026090.D	11 Nov 2025 14:44	Compound#26,32,41,42,54,59,65,80,85 failing high	RC/JU	Ok,M
3	PB170478BL	PB170478BL	BP026091.D	11 Nov 2025 15:25		RC/JU	Ok
4	Q3586-03	SED-3	BP026092.D	11 Nov 2025 16:11		RC/JU	Ok
5	Q3586-03MS	SED-3MS	BP026093.D	11 Nov 2025 16:52		RC/JU	Ok,M
6	Q3586-03MSD	SED-3MSD	BP026094.D	11 Nov 2025 17:33		RC/JU	Ok,M
7	Q3569-01	MW-2	BP026095.D	11 Nov 2025 18:14		RC/JU	Ok,M
8	Q3569-02	MW-12	BP026096.D	11 Nov 2025 18:55	Need 2X.	RC/JU	Dilution
9	Q3584-01	SW-1	BP026097.D	11 Nov 2025 19:36		RC/JU	Ok
10	Q3586-02	SED-2	BP026098.D	11 Nov 2025 20:18		RC/JU	Ok
11	Q3584-07	SEEP-1	BP026099.D	11 Nov 2025 20:59		RC/JU	Ok
12	Q3583-04	CHRT27080	BP026100.D	11 Nov 2025 21:40		RC/JU	Ok
13	Q3577-04	WC-1A	BP026101.D	11 Nov 2025 22:21		RC/JU	Ok,M
14	Q3581-02	VNJ-238	BP026102.D	11 Nov 2025 23:02		RC/JU	Ok
15	Q3581-04	VNJ-245	BP026103.D	11 Nov 2025 23:43		RC/JU	Ok
16	Q3581-06	VNJ-240	BP026104.D	12 Nov 2025 00:25		RC/JU	Ok
17	Q3581-08	RBR200059	BP026105.D	12 Nov 2025 01:06		RC/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111125

Review By	rahul	Review On	11/12/2025 9:20:40 AM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:40:52 AM		
SubDirectory	BP111125	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3601-12	TP-3	BP026106.D	12 Nov 2025 01:47		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170473

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	11/10/2025
Matrix :	Water			**Extraction Start Time :**	08:40
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	11/10/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	13:40
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3953	**Hood ID:**	4,6,7	**Supervisor By :**	RUPESH

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6895
Surrogate	1.0ML	100/150 PPM	SP6869
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	E3980
Baked Na2SO4	N/A	EP2655
H2SO4 1:1	N/A	EP2657
10N NaoH	N/A	EP2658
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:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH, 1.5ML Vial Lot # 2210443.

KD Bath ID:	WATER BATH-1	**Envap ID:**	NE VAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/10/25	RS (Ext lab)	JY/ SVOC
13:45	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170473

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 11/10/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170473BL	SBLK473	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB170473BS	SLCS473	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB170473BSD	SLCSD473	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q3569-01	MW-2	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	N		4
Q3569-02	MW-12	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	N		5
Q3574-01	304641-01 LIQUID	SVOC-PAH	810	6	RUPESH	ritesh	1	I		6
Q3584-01	SW-1	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		7
Q3584-02	SW-2	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		8
Q3584-03	SW-3	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	N		9
Q3584-04	EB-2	SVOC-TCL BNA -20	970	6	RUPESH	ritesh	1	G		10
Q3584-05	FB-2	SVOC-TCL BNA -20	700	6	RUPESH	ritesh	1	H		11
Q3584-07	SEEP-1	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	N		12

RS
11/10

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

1704473
S.W.

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3569 **WorkList ID :** 193017 **Department :** Extraction **Date :** 11-10-2025 08:35:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3569-01	MW-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	J22	11/05/2025	8270E
Q3569-02	MW-12	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	J22	11/05/2025	8270E
Q3574-01	304641-01 Liquid	Water	SVOC-PAH	Cool 4 deg C	PACI01	J22	11/04/2025	8270E
Q3584-01	SW-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/06/2025	8270E
Q3584-02	SW-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02		11/07/2025	8270E
Q3584-03	SW-3	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/07/2025	8270E
Q3584-04	EB-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02		11/06/2025	8270E
Q3584-05	FB-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/07/2025	8270E
Q3584-07	SEEP-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/07/2025	8270E

Date/Time 11/10/25 8:35
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: CP SR

Date/Time 11/10/25 9:20
Raw Sample Received by: CP SR
Raw Sample Relinquished by: RS (Ext Lab)

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LAB CHRONICLE

OrderID:	Q3584	**OrderDate:**	11/7/2025 3:17:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3584-01	**SW-1**	**Water**			**11/06/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
			SVOC-TCL BNA -20	8270E		11/10/25	11/11/25	
Q3584-02	**SW-2**	**Water**			**11/07/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
			SVOC-TCL BNA -20	8270E		11/10/25	11/11/25	
Q3584-03	**SW-3**	**Water**			**11/07/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
			SVOC-TCL BNA -20	8270E		11/10/25	11/11/25	
Q3584-04	**EB-2**	**Water**			**11/06/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
			SVOC-TCL BNA -20	8270E		11/10/25	11/11/25	
Q3584-05	**FB-2**	**Water**			**11/07/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
			SVOC-TCL BNA -20	8270E		11/10/25	11/11/25	
Q3584-07	**SEEP-1**	**Water**			**11/07/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/13/25	
			SVOC-TCL BNA -20	8270E		11/10/25	11/11/25	
Q3584-07DL	**SEEP-1DL**	**Water**			**11/07/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/13/25	