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

Hit Summary Sheet
SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW-6									
Q3534-01	MW-6	WATER	n-Nitrosodiphenylamine		11.900		0.61	5.3	ug/L
Q3534-01	MW-6	WATER	1,4-Dioxane		17.100		1.1	5.3	ug/L
			Total Svoc :				**29.00**		
Q3534-01	MW-6	WATER	2(3H)-Benzothiazolone	*	34.100	J	0	0	ug/L
Q3534-01	MW-6	WATER	4,7-Methano-5H-inden-5-one, 3,3	*	32.400	J	0	0	ug/L
Q3534-01	MW-6	WATER	Benzenesulfonamide, N-ethyl-4-m	*	8.900	J	0	0	ug/L
Q3534-01	MW-6	WATER	Benzoic acid, p-tert-butyl-	*	12.300	J	0	0	ug/L
Q3534-01	MW-6	WATER	Cyclohexanamine, N-cyclohexyl-	*	13.800	J	0	0	ug/L
Q3534-01	MW-6	WATER	Ethanol, 2-butoxy-, phosphate (3:	*	9.300	J	0	0	ug/L
Q3534-01	MW-6	WATER	Phenazine	*	9.600	J	0	0	ug/L
Q3534-01	MW-6	WATER	Phenol, 4,4-(1-methylethylidene)b	*	22.800	J	0	0	ug/L
Q3534-01	MW-6	WATER	Phenol, p-tert-butyl-	*	50.100	J	0	0	ug/L
Q3534-01	MW-6	WATER	Triethyl phosphate	*	5.700	J	0	0	ug/L
			Total Tics :				**199.00**		
			Total Concentration:				**228.00**		
Client ID : MW-1									
Q3534-02	MW-1	WATER	1,4-Dioxane		75.500		1.1	5.3	ug/L
			Total Svoc :				**75.50**		
Q3534-02	MW-1	WATER	Benzophenone	*	5.200	J	0	0	ug/L
			Total Tics :				**5.20**		
			Total Concentration:				**80.70**		
Client ID : MW-11									
Q3534-03	MW-11	WATER	1,4-Dioxane		5.900		1	5.1	ug/L
			Total Svoc :				**5.90**		
			Total Concentration:				**5.90**		
Client ID : MW-5									
Q3534-04	MW-5	WATER	Bis(2-ethylhexyl)phthalate		3.000	J	1.7	5.3	ug/L
Q3534-04	MW-5	WATER	1,4-Dioxane		3.900	J	1.1	5.3	ug/L
			Total Svoc :				**6.90**		
Q3534-04	MW-5	WATER	n-Hexadecanoic acid	*	4.500	J	0	0	ug/L
Q3534-04	MW-5	WATER	Phenol, 4,4-(1-methylethylidene)b	*	2.300	J	0	0	ug/L
Q3534-04	MW-5	WATER	Amobarbital	*	19.500	J	0	0	ug/L
Q3534-04	MW-5	WATER	Benzoic acid, p-tert-butyl-	*	3.800	J	0	0	ug/L
Q3534-04	MW-5	WATER	Benzophenone	*	4.600	J	0	0	ug/L
			Total Tics :				**34.70**		
			Total Concentration:				**41.60**		

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Hit Summary Sheet
SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW-EB-1									
Q3534-05	MW-EB-1	WATER	n-Nitrosodiphenylamine		3.900	J	0.6	5.2	ug/L
Q3534-05	MW-EB-1	WATER	1,4-Dioxane		7.500		1	5.2	ug/L
			Total Svoc :				**11.40**		
Q3534-05	MW-EB-1	WATER	Phenobarbital	*	11.300	J	0	0	ug/L
Q3534-05	MW-EB-1	WATER	Phenol, 4-(1,1-dimethylpropyl)-	*	120.000	J	0	0	ug/L
Q3534-05	MW-EB-1	WATER	Phenol, 4,4-(1-methylethylidene)b	*	11.100	J	0	0	ug/L
Q3534-05	MW-EB-1	WATER	Phenol, p-tert-butyl-	*	280.000	J	0	0	ug/L
Q3534-05	MW-EB-1	WATER	Triethylamine	*	9.800	J	0	0	ug/L
Q3534-05	MW-EB-1	WATER	2(3H)-Benzothiazolone	*	27.300	J	0	0	ug/L
Q3534-05	MW-EB-1	WATER	Indane	*	42.900	J	0	0	ug/L
			Total Tics :				**502.40**		
			Total Concentration:				**513.80**		
Client ID : MW-EB-2									
Q3534-06	MW-EB-2	WATER	1,4-Dioxane		3.600	J	1	5.1	ug/L
			Total Svoc :				**3.60**		
Q3534-06	MW-EB-2	WATER	Amobarbital	*	15.800	J	0	0	ug/L
Q3534-06	MW-EB-2	WATER	Benzophenone	*	7.400	J	0	0	ug/L
Q3534-06	MW-EB-2	WATER	Hexanoic acid, 2-ethyl-	*	38.500	J	0	0	ug/L
Q3534-06	MW-EB-2	WATER	n-Hexadecanoic acid	*	7.300	J	0	0	ug/L
Q3534-06	MW-EB-2	WATER	Phenobarbital	*	3.100	J	0	0	ug/L
Q3534-06	MW-EB-2	WATER	Phenol, 2-(1,1,3,3-tetramethylbuty	*	3.500	J	0	0	ug/L
Q3534-06	MW-EB-2	WATER	Tributyl phosphate	*	3.200	J	0	0	ug/L
Q3534-06	MW-EB-2	WATER	Benzoic acid	*	6.100	J	4.3	10.2	ug/L
			Total Tics :				**84.90**		
			Total Concentration:				**88.50**		
Client ID : MW-EB-3									
Q3534-07	MW-EB-3	WATER	n-Nitrosodiphenylamine		2.200	J	0.6	5.2	ug/L
			Total Svoc :				**2.20**		
Q3534-07	MW-EB-3	WATER	Benzophenone	*	4.200	J	0	0	ug/L
Q3534-07	MW-EB-3	WATER	n-Hexadecanoic acid	*	4.600	J	0	0	ug/L
Q3534-07	MW-EB-3	WATER	Phenol, 4,4-(1-methylethylidene)b	*	4.300	J	0	0	ug/L
			Total Tics :				**13.10**		
			Total Concentration:				**15.30**		
Client ID : FB-1									
Q3534-09	FB-1	WATER	Bis(2-ethylhexyl)phthalate		2.900	J	1.6	5	ug/L
			Total Svoc :				**2.90**		
Q3534-09	FB-1	WATER	1H-Benzotriazole, 4-methyl-	*	8.000	J	0	0	ug/L
Q3534-09	FB-1	WATER	Hexadecanoic acid, methyl ester	*	4.400	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q3534-09	FB-1	WATER	Hexanoic acid, 2-ethyl-	*	89.500	J	0	0	ug/L
Q3534-09	FB-1	WATER	Methyl stearate	*	2.000	J	0	0	ug/L
Q3534-09	FB-1	WATER	n-Hexadecanoic acid	*	3.900	J	0	0	ug/L
Q3534-09	FB-1	WATER	Octadecanoic acid	*	2.300	J	0	0	ug/L
Q3534-09	FB-1	WATER	trans-13-Octadecenoic acid	*	7.200	J	0	0	ug/L
Q3534-09	FB-1	WATER	Benzoic acid	*	6.700	J	4.2	10	ug/L
			Total Tics :		**124.00**				
			Total Concentration:		**126.90**				
Client ID : EB-1									
Q3534-10	EB-1	WATER	Bis(2-ethylhexyl)phthalate		2.800	J	1.6	5	ug/L
			Total Svoc :		**2.80**				
Q3534-10	EB-1	WATER	Benzidine	*	41.500	J	4.3	10	ug/L
			Total Tics :		**41.50**				
			Total Concentration:		**44.30**				

SAMPLE DATA

Raw Data: **BG064711.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:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-6	SDG No.:	Q3534
Lab Sample ID:	Q3534-01	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	950 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.10	U	1	4.10	10.5	ug/L	11/06/25 20:33	PB170424
108-95-2	Phenol	0.96	U	1	0.96	5.30	ug/L	11/06/25 20:33	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.85	U	1	0.85	5.30	ug/L	11/06/25 20:33	PB170424
95-57-8	2-Chlorophenol	0.61	U	1	0.61	5.30	ug/L	11/06/25 20:33	PB170424
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.30	ug/L	11/06/25 20:33	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.30	ug/L	11/06/25 20:33	PB170424
98-86-2	Acetophenone	0.78	U	1	0.78	5.30	ug/L	11/06/25 20:33	PB170424
65794-96-9	3+4-Methylphenols	1.20	U	1	1.20	10.5	ug/L	11/06/25 20:33	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.60	ug/L	11/06/25 20:33	PB170424
67-72-1	Hexachloroethane	0.68	U	1	0.68	5.30	ug/L	11/06/25 20:33	PB170424
98-95-3	Nitrobenzene	0.80	U	1	0.80	5.30	ug/L	11/06/25 20:33	PB170424
78-59-1	Isophorone	0.79	U	1	0.79	5.30	ug/L	11/06/25 20:33	PB170424
88-75-5	2-Nitrophenol	1.90	U	1	1.90	5.30	ug/L	11/06/25 20:33	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.30	ug/L	11/06/25 20:33	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.72	U	1	0.72	5.30	ug/L	11/06/25 20:33	PB170424
120-83-2	2,4-Dichlorophenol	0.55	U	1	0.55	5.30	ug/L	11/06/25 20:33	PB170424
91-20-3	Naphthalene	0.53	U	1	0.53	5.30	ug/L	11/06/25 20:33	PB170424
106-47-8	4-Chloroaniline	0.88	UQ	1	0.88	5.30	ug/L	11/06/25 20:33	PB170424
87-68-3	Hexachlorobutadiene	0.57	U	1	0.57	5.30	ug/L	11/06/25 20:33	PB170424
105-60-2	Caprolactam	1.20	U	1	1.20	10.5	ug/L	11/06/25 20:33	PB170424
59-50-7	4-Chloro-3-methylphenol	0.62	U	1	0.62	5.30	ug/L	11/06/25 20:33	PB170424
91-57-6	2-Methylnaphthalene	0.59	U	1	0.59	5.30	ug/L	11/06/25 20:33	PB170424
77-47-4	Hexachlorocyclopentadiene	3.80	U	1	3.80	10.5	ug/L	11/06/25 20:33	PB170424
88-06-2	2,4,6-Trichlorophenol	0.54	U	1	0.54	5.30	ug/L	11/06/25 20:33	PB170424
95-95-4	2,4,5-Trichlorophenol	0.65	U	1	0.65	5.30	ug/L	11/06/25 20:33	PB170424
92-52-4	1,1-Biphenyl	0.56	U	1	0.56	5.30	ug/L	11/06/25 20:33	PB170424
91-58-7	2-Chloronaphthalene	0.64	U	1	0.64	5.30	ug/L	11/06/25 20:33	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.30	ug/L	11/06/25 20:33	PB170424
131-11-3	Dimethylphthalate	0.64	U	1	0.64	5.30	ug/L	11/06/25 20:33	PB170424
208-96-8	Acenaphthylene	0.79	U	1	0.79	5.30	ug/L	11/06/25 20:33	PB170424
606-20-2	2,6-Dinitrotoluene	0.97	U	1	0.97	5.30	ug/L	11/06/25 20:33	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.30	ug/L	11/06/25 20:33	PB170424
83-32-9	Acenaphthene	0.58	U	1	0.58	5.30	ug/L	11/06/25 20:33	PB170424
51-28-5	2,4-Dinitrophenol	6.30	U	1	6.30	10.5	ug/L	11/06/25 20:33	PB170424
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.5	ug/L	11/06/25 20:33	PB170424
132-64-9	Dibenzofuran	0.64	U	1	0.64	5.30	ug/L	11/06/25 20:33	PB170424
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.30	ug/L	11/06/25 20:33	PB170424
84-66-2	Diethylphthalate	0.73	U	1	0.73	5.30	ug/L	11/06/25 20:33	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.72	U	1	0.72	5.30	ug/L	11/06/25 20:33	PB170424
86-73-7	Fluorene	0.66	U	1	0.66	5.30	ug/L	11/06/25 20:33	PB170424
100-01-6	4-Nitroaniline	1.60	U	1	1.60	5.30	ug/L	11/06/25 20:33	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	1	3.00	10.5	ug/L	11/06/25 20:33	PB170424

Raw Data: **BG064711.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:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-6	SDG No.:	Q3534
Lab Sample ID:	Q3534-01	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	950 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	11.9		1	0.61	5.30	ug/L	11/06/25 20:33	PB170424
101-55-3	4-Bromophenyl-phenylether	0.42	U	1	0.42	5.30	ug/L	11/06/25 20:33	PB170424
118-74-1	Hexachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/06/25 20:33	PB170424
1912-24-9	Atrazine	1.10	U	1	1.10	5.30	ug/L	11/06/25 20:33	PB170424
87-86-5	Pentachlorophenol	1.70	U	1	1.70	10.5	ug/L	11/06/25 20:33	PB170424
85-01-8	Phenanthrene	0.53	U	1	0.53	5.30	ug/L	11/06/25 20:33	PB170424
120-12-7	Anthracene	0.64	U	1	0.64	5.30	ug/L	11/06/25 20:33	PB170424
86-74-8	Carbazole	0.76	U	1	0.76	5.30	ug/L	11/06/25 20:33	PB170424
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.30	ug/L	11/06/25 20:33	PB170424
206-44-0	Fluoranthene	0.86	U	1	0.86	5.30	ug/L	11/06/25 20:33	PB170424
129-00-0	Pyrene	0.53	U	1	0.53	5.30	ug/L	11/06/25 20:33	PB170424
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.30	ug/L	11/06/25 20:33	PB170424
91-94-1	3,3-Dichlorobenzidine	0.98	U	1	0.98	10.5	ug/L	11/06/25 20:33	PB170424
56-55-3	Benzo(a)anthracene	0.47	U	1	0.47	5.30	ug/L	11/06/25 20:33	PB170424
218-01-9	Chrysene	0.46	U	1	0.46	5.30	ug/L	11/06/25 20:33	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1	1.70	5.30	ug/L	11/06/25 20:33	PB170424
117-84-0	Di-n-octyl phthalate	2.50	U	1	2.50	10.5	ug/L	11/06/25 20:33	PB170424
205-99-2	Benzo(b)fluoranthene	0.52	U	1	0.52	5.30	ug/L	11/06/25 20:33	PB170424
207-08-9	Benzo(k)fluoranthene	0.51	U	1	0.51	5.30	ug/L	11/06/25 20:33	PB170424
50-32-8	Benzo(a)pyrene	0.58	U	1	0.58	5.30	ug/L	11/06/25 20:33	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.62	U	1	0.62	5.30	ug/L	11/06/25 20:33	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.71	U	1	0.71	5.30	ug/L	11/06/25 20:33	PB170424
191-24-2	Benzo(g,h,i)perylene	0.73	U	1	0.73	5.30	ug/L	11/06/25 20:33	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/06/25 20:33	PB170424
123-91-1	1,4-Dioxane	17.1		1	1.10	5.30	ug/L	11/06/25 20:33	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.76	U	1	0.76	5.30	ug/L	11/06/25 20:33	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	69.3			15 (23) - 110 (138)	46%	SPK: 150		
13127-88-3	Phenol-d6	44.1			15 (10) - 110 (134)	29%	SPK: 150		
4165-60-0	Nitrobenzene-d5	114			30 (67) - 130 (132)	114%	SPK: 100		
321-60-8	2-Fluorobiphenyl	94.1			30 (52) - 130 (132)	94%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	189	*		15 (44) - 110 (137)	126%	SPK: 150		
1718-51-0	Terphenyl-d14	91.5			30 (42) - 130 (152)	92%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	31000							
1146-65-2	Naphthalene-d8	122000							
15067-26-2	Acenaphthene-d10	100000							
1517-22-2	Phenanthrene-d10	238000							
1719-03-5	Chrysene-d12	286000							
1520-96-3	Perylene-d12	321000							
TENTATIVE IDENTIFIED COMPOUNDS									
000078-40-0	Triethyl phosphate	5.70	J			9.65	ug/L		
000098-54-4	Phenol, p-tert-butyl-	50.1	J			12.3	ug/L		

Raw Data: **BG064711.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:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-6			SDG No.:	Q3534
Lab Sample ID:	Q3534-01			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	950 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
014888-58-5	4,7-Methano-5H-inden-5-one, 3,3a,4	32.4	J			12.4	ug/L		
000101-83-7	Cyclohexanamine, N-cyclohexyl-	13.8	J			14.3	ug/L		
000098-73-7	Benzoic acid, p-tert-butyl-	12.3	J			14.6	ug/L		
000934-34-9	2(3H)-Benzothiazolone	34.1	J			16.5	ug/L		
000080-39-7	Benzenesulfonamide, N-ethyl-4-meth	8.90	J			16.8	ug/L		
000092-82-0	Phenazine	9.60	J			17.2	ug/L		
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	22.8	J			20.0	ug/L		
000078-51-3	Ethanol, 2-butoxy-, phosphate (3:1	9.30	J			20.9	ug/L		

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

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

Raw Data: **BF144191.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:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-02	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	940 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.20	U	1	4.20	10.6	ug/L	11/06/25 16:54	PB170424
108-95-2	Phenol	0.97	U	1	0.97	5.30	ug/L	11/06/25 16:54	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.86	U	1	0.86	5.30	ug/L	11/06/25 16:54	PB170424
95-57-8	2-Chlorophenol	0.62	U	1	0.62	5.30	ug/L	11/06/25 16:54	PB170424
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.30	ug/L	11/06/25 16:54	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1	1.40	5.30	ug/L	11/06/25 16:54	PB170424
98-86-2	Acetophenone	0.79	U	1	0.79	5.30	ug/L	11/06/25 16:54	PB170424
65794-96-9	3+4-Methylphenols	1.20	U	1	1.20	10.6	ug/L	11/06/25 16:54	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.70	ug/L	11/06/25 16:54	PB170424
67-72-1	Hexachloroethane	0.69	U	1	0.69	5.30	ug/L	11/06/25 16:54	PB170424
98-95-3	Nitrobenzene	0.81	U	1	0.81	5.30	ug/L	11/06/25 16:54	PB170424
78-59-1	Isophorone	0.80	U	1	0.80	5.30	ug/L	11/06/25 16:54	PB170424
88-75-5	2-Nitrophenol	1.90	U	1	1.90	5.30	ug/L	11/06/25 16:54	PB170424
105-67-9	2,4-Dimethylphenol	2.00	U	1	2.00	5.30	ug/L	11/06/25 16:54	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.72	U	1	0.72	5.30	ug/L	11/06/25 16:54	PB170424
120-83-2	2,4-Dichlorophenol	0.55	U	1	0.55	5.30	ug/L	11/06/25 16:54	PB170424
91-20-3	Naphthalene	0.53	U	1	0.53	5.30	ug/L	11/06/25 16:54	PB170424
106-47-8	4-Chloroaniline	0.89	UQ	1	0.89	5.30	ug/L	11/06/25 16:54	PB170424
87-68-3	Hexachlorobutadiene	0.57	U	1	0.57	5.30	ug/L	11/06/25 16:54	PB170424
105-60-2	Caprolactam	1.20	U	1	1.20	10.6	ug/L	11/06/25 16:54	PB170424
59-50-7	4-Chloro-3-methylphenol	0.63	U	1	0.63	5.30	ug/L	11/06/25 16:54	PB170424
91-57-6	2-Methylnaphthalene	0.60	U	1	0.60	5.30	ug/L	11/06/25 16:54	PB170424
77-47-4	Hexachlorocyclopentadiene	3.90	U	1	3.90	10.6	ug/L	11/06/25 16:54	PB170424
88-06-2	2,4,6-Trichlorophenol	0.54	U	1	0.54	5.30	ug/L	11/06/25 16:54	PB170424
95-95-4	2,4,5-Trichlorophenol	0.66	U	1	0.66	5.30	ug/L	11/06/25 16:54	PB170424
92-52-4	1,1-Biphenyl	0.56	U	1	0.56	5.30	ug/L	11/06/25 16:54	PB170424
91-58-7	2-Chloronaphthalene	0.65	U	1	0.65	5.30	ug/L	11/06/25 16:54	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.30	ug/L	11/06/25 16:54	PB170424
131-11-3	Dimethylphthalate	0.65	U	1	0.65	5.30	ug/L	11/06/25 16:54	PB170424
208-96-8	Acenaphthylene	0.80	U	1	0.80	5.30	ug/L	11/06/25 16:54	PB170424
606-20-2	2,6-Dinitrotoluene	0.98	U	1	0.98	5.30	ug/L	11/06/25 16:54	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.30	ug/L	11/06/25 16:54	PB170424
83-32-9	Acenaphthene	0.59	U	1	0.59	5.30	ug/L	11/06/25 16:54	PB170424
51-28-5	2,4-Dinitrophenol	6.40	U	1	6.40	10.6	ug/L	11/06/25 16:54	PB170424
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.6	ug/L	11/06/25 16:54	PB170424
132-64-9	Dibenzofuran	0.65	U	1	0.65	5.30	ug/L	11/06/25 16:54	PB170424
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.30	ug/L	11/06/25 16:54	PB170424
84-66-2	Diethylphthalate	0.73	U	1	0.73	5.30	ug/L	11/06/25 16:54	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.72	U	1	0.72	5.30	ug/L	11/06/25 16:54	PB170424
86-73-7	Fluorene	0.67	U	1	0.67	5.30	ug/L	11/06/25 16:54	PB170424
100-01-6	4-Nitroaniline	1.60	U	1	1.60	5.30	ug/L	11/06/25 16:54	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	1	3.10	10.6	ug/L	11/06/25 16:54	PB170424

Raw Data: **BF144191.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:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-1			SDG No.:	Q3534
Lab Sample ID:	Q3534-02			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	940 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.62	U	1	0.62	5.30	ug/L	11/06/25 16:54	PB170424
101-55-3	4-Bromophenyl-phenylether	0.43	U	1	0.43	5.30	ug/L	11/06/25 16:54	PB170424
118-74-1	Hexachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/06/25 16:54	PB170424
1912-24-9	Atrazine	1.10	U	1	1.10	5.30	ug/L	11/06/25 16:54	PB170424
87-86-5	Pentachlorophenol	1.70	U	1	1.70	10.6	ug/L	11/06/25 16:54	PB170424
85-01-8	Phenanthrene	0.53	U	1	0.53	5.30	ug/L	11/06/25 16:54	PB170424
120-12-7	Anthracene	0.65	U	1	0.65	5.30	ug/L	11/06/25 16:54	PB170424
86-74-8	Carbazole	0.77	U	1	0.77	5.30	ug/L	11/06/25 16:54	PB170424
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.30	ug/L	11/06/25 16:54	PB170424
206-44-0	Fluoranthene	0.87	U	1	0.87	5.30	ug/L	11/06/25 16:54	PB170424
129-00-0	Pyrene	0.53	U	1	0.53	5.30	ug/L	11/06/25 16:54	PB170424
85-68-7	Butylbenzylphthalate	2.10	U	1	2.10	5.30	ug/L	11/06/25 16:54	PB170424
91-94-1	3,3-Dichlorobenzidine	0.99	U	1	0.99	10.6	ug/L	11/06/25 16:54	PB170424
56-55-3	Benzo(a)anthracene	0.48	U	1	0.48	5.30	ug/L	11/06/25 16:54	PB170424
218-01-9	Chrysene	0.47	U	1	0.47	5.30	ug/L	11/06/25 16:54	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1	1.70	5.30	ug/L	11/06/25 16:54	PB170424
117-84-0	Di-n-octyl phthalate	2.50	U	1	2.50	10.6	ug/L	11/06/25 16:54	PB170424
205-99-2	Benzo(b)fluoranthene	0.52	U	1	0.52	5.30	ug/L	11/06/25 16:54	PB170424
207-08-9	Benzo(k)fluoranthene	0.51	U	1	0.51	5.30	ug/L	11/06/25 16:54	PB170424
50-32-8	Benzo(a)pyrene	0.59	U	1	0.59	5.30	ug/L	11/06/25 16:54	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.63	U	1	0.63	5.30	ug/L	11/06/25 16:54	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.71	U	1	0.71	5.30	ug/L	11/06/25 16:54	PB170424
191-24-2	Benzo(g,h,i)perylene	0.73	U	1	0.73	5.30	ug/L	11/06/25 16:54	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/06/25 16:54	PB170424
123-91-1	1,4-Dioxane	75.5		1	1.10	5.30	ug/L	11/06/25 16:54	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.77	U	1	0.77	5.30	ug/L	11/06/25 16:54	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	78.6			15 (23) - 110 (138)	52%	SPK: 150		
13127-88-3	Phenol-d6	58.5			15 (10) - 110 (134)	39%	SPK: 150		
4165-60-0	Nitrobenzene-d5	93.3			30 (67) - 130 (132)	93%	SPK: 100		
321-60-8	2-Fluorobiphenyl	87.1			30 (52) - 130 (132)	87%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	133			15 (44) - 110 (137)	89%	SPK: 150		
1718-51-0	Terphenyl-d14	75.7			30 (42) - 130 (152)	76%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	63900							
1146-65-2	Naphthalene-d8	245000							
15067-26-2	Acenaphthene-d10	136000							
1517-22-2	Phenanthrene-d10	213000							
1719-03-5	Chrysene-d12	155000							
1520-96-3	Perylene-d12	207000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	5.20	J			10.6	ug/L		

Raw Data: **BF144191.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:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-1			SDG No.:	Q3534
Lab Sample ID:	Q3534-02			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	940 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

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: **BP026082.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:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-11	SDG No.:	Q3534
Lab Sample ID:	Q3534-03	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	980 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

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	10.2	ug/L	11/06/25 18:26	PB170424
108-95-2	Phenol	0.93	U	1	0.93	5.10	ug/L	11/06/25 18:26	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.83	U	1	0.83	5.10	ug/L	11/06/25 18:26	PB170424
95-57-8	2-Chlorophenol	0.59	U	1	0.59	5.10	ug/L	11/06/25 18:26	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.10	ug/L	11/06/25 18:26	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.10	ug/L	11/06/25 18:26	PB170424
98-86-2	Acetophenone	0.76	U	1	0.76	5.10	ug/L	11/06/25 18:26	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.2	ug/L	11/06/25 18:26	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.60	ug/L	11/06/25 18:26	PB170424
67-72-1	Hexachloroethane	0.66	U	1	0.66	5.10	ug/L	11/06/25 18:26	PB170424
98-95-3	Nitrobenzene	0.78	U	1	0.78	5.10	ug/L	11/06/25 18:26	PB170424
78-59-1	Isophorone	0.77	U	1	0.77	5.10	ug/L	11/06/25 18:26	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.10	ug/L	11/06/25 18:26	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.10	ug/L	11/06/25 18:26	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	1	0.69	5.10	ug/L	11/06/25 18:26	PB170424
120-83-2	2,4-Dichlorophenol	0.53	U	1	0.53	5.10	ug/L	11/06/25 18:26	PB170424
91-20-3	Naphthalene	0.51	U	1	0.51	5.10	ug/L	11/06/25 18:26	PB170424
106-47-8	4-Chloroaniline	0.86	UQ	1	0.86	5.10	ug/L	11/06/25 18:26	PB170424
87-68-3	Hexachlorobutadiene	0.55	U	1	0.55	5.10	ug/L	11/06/25 18:26	PB170424
105-60-2	Caprolactam	1.20	U	1	1.20	10.2	ug/L	11/06/25 18:26	PB170424
59-50-7	4-Chloro-3-methylphenol	0.60	U	1	0.60	5.10	ug/L	11/06/25 18:26	PB170424
91-57-6	2-Methylnaphthalene	0.57	U	1	0.57	5.10	ug/L	11/06/25 18:26	PB170424
77-47-4	Hexachlorocyclopentadiene	3.70	U	1	3.70	10.2	ug/L	11/06/25 18:26	PB170424
88-06-2	2,4,6-Trichlorophenol	0.52	U	1	0.52	5.10	ug/L	11/06/25 18:26	PB170424
95-95-4	2,4,5-Trichlorophenol	0.63	U	1	0.63	5.10	ug/L	11/06/25 18:26	PB170424
92-52-4	1,1-Biphenyl	0.54	U	1	0.54	5.10	ug/L	11/06/25 18:26	PB170424
91-58-7	2-Chloronaphthalene	0.62	U	1	0.62	5.10	ug/L	11/06/25 18:26	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.10	ug/L	11/06/25 18:26	PB170424
131-11-3	Dimethylphthalate	0.62	U	1	0.62	5.10	ug/L	11/06/25 18:26	PB170424
208-96-8	Acenaphthylene	0.77	U	1	0.77	5.10	ug/L	11/06/25 18:26	PB170424
606-20-2	2,6-Dinitrotoluene	0.94	U	1	0.94	5.10	ug/L	11/06/25 18:26	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.10	ug/L	11/06/25 18:26	PB170424
83-32-9	Acenaphthene	0.56	U	1	0.56	5.10	ug/L	11/06/25 18:26	PB170424
51-28-5	2,4-Dinitrophenol	6.10	U	1	6.10	10.2	ug/L	11/06/25 18:26	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.2	ug/L	11/06/25 18:26	PB170424
132-64-9	Dibenzofuran	0.62	U	1	0.62	5.10	ug/L	11/06/25 18:26	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.10	ug/L	11/06/25 18:26	PB170424
84-66-2	Diethylphthalate	0.70	U	1	0.70	5.10	ug/L	11/06/25 18:26	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	1	0.69	5.10	ug/L	11/06/25 18:26	PB170424
86-73-7	Fluorene	0.64	U	1	0.64	5.10	ug/L	11/06/25 18:26	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.10	ug/L	11/06/25 18:26	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.2	ug/L	11/06/25 18:26	PB170424

Raw Data: **BP026082.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:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-11	SDG No.:	Q3534
Lab Sample ID:	Q3534-03	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	980 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

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	11/06/25 18:26	PB170424
101-55-3	4-Bromophenyl-phenylether	0.41	U	1	0.41	5.10	ug/L	11/06/25 18:26	PB170424
118-74-1	Hexachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/06/25 18:26	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.10	ug/L	11/06/25 18:26	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.2	ug/L	11/06/25 18:26	PB170424
85-01-8	Phenanthrene	0.51	U	1	0.51	5.10	ug/L	11/06/25 18:26	PB170424
120-12-7	Anthracene	0.62	U	1	0.62	5.10	ug/L	11/06/25 18:26	PB170424
86-74-8	Carbazole	0.73	U	1	0.73	5.10	ug/L	11/06/25 18:26	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.10	ug/L	11/06/25 18:26	PB170424
206-44-0	Fluoranthene	0.84	U	1	0.84	5.10	ug/L	11/06/25 18:26	PB170424
129-00-0	Pyrene	0.51	U	1	0.51	5.10	ug/L	11/06/25 18:26	PB170424
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.10	ug/L	11/06/25 18:26	PB170424
91-94-1	3,3-Dichlorobenzidine	0.95	U	1	0.95	10.2	ug/L	11/06/25 18:26	PB170424
56-55-3	Benzo(a)anthracene	0.46	U	1	0.46	5.10	ug/L	11/06/25 18:26	PB170424
218-01-9	Chrysene	0.45	U	1	0.45	5.10	ug/L	11/06/25 18:26	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.10	ug/L	11/06/25 18:26	PB170424
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.2	ug/L	11/06/25 18:26	PB170424
205-99-2	Benzo(b)fluoranthene	0.50	U	1	0.50	5.10	ug/L	11/06/25 18:26	PB170424
207-08-9	Benzo(k)fluoranthene	0.49	U	1	0.49	5.10	ug/L	11/06/25 18:26	PB170424
50-32-8	Benzo(a)pyrene	0.56	U	1	0.56	5.10	ug/L	11/06/25 18:26	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	1	0.60	5.10	ug/L	11/06/25 18:26	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.68	U	1	0.68	5.10	ug/L	11/06/25 18:26	PB170424
191-24-2	Benzo(g,h,i)perylene	0.70	U	1	0.70	5.10	ug/L	11/06/25 18:26	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/06/25 18:26	PB170424
123-91-1	1,4-Dioxane	5.90		1	1.00	5.10	ug/L	11/06/25 18:26	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.73	U	1	0.73	5.10	ug/L	11/06/25 18:26	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	77.8			15 (23) - 110 (138)	52%	SPK: 150		
13127-88-3	Phenol-d6	54.4			15 (10) - 110 (134)	36%	SPK: 150		
4165-60-0	Nitrobenzene-d5	103			30 (67) - 130 (132)	103%	SPK: 100		
321-60-8	2-Fluorobiphenyl	86.9			30 (52) - 130 (132)	87%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	188	*		15 (44) - 110 (137)	125%	SPK: 150		
1718-51-0	Terphenyl-d14	84.2			30 (42) - 130 (152)	84%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	247000							
1146-65-2	Naphthalene-d8	962000							
15067-26-2	Acenaphthene-d10	601000							
1517-22-2	Phenanthrene-d10	1360000							
1719-03-5	Chrysene-d12	1770000							
1520-96-3	Perylene-d12	2050000							

Raw Data: **BP026082.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:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-11			SDG No.:	Q3534
Lab Sample ID:	Q3534-03			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	980 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

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: **BP026083.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:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-5	SDG No.:	Q3534
Lab Sample ID:	Q3534-04	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	950 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.10	U	1	4.10	10.5	ug/L	11/06/25 19:07	PB170424
108-95-2	Phenol	0.96	U	1	0.96	5.30	ug/L	11/06/25 19:07	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.85	U	1	0.85	5.30	ug/L	11/06/25 19:07	PB170424
95-57-8	2-Chlorophenol	0.61	U	1	0.61	5.30	ug/L	11/06/25 19:07	PB170424
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.30	ug/L	11/06/25 19:07	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.30	ug/L	11/06/25 19:07	PB170424
98-86-2	Acetophenone	0.78	U	1	0.78	5.30	ug/L	11/06/25 19:07	PB170424
65794-96-9	3+4-Methylphenols	1.20	U	1	1.20	10.5	ug/L	11/06/25 19:07	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.60	ug/L	11/06/25 19:07	PB170424
67-72-1	Hexachloroethane	0.68	U	1	0.68	5.30	ug/L	11/06/25 19:07	PB170424
98-95-3	Nitrobenzene	0.80	U	1	0.80	5.30	ug/L	11/06/25 19:07	PB170424
78-59-1	Isophorone	0.79	U	1	0.79	5.30	ug/L	11/06/25 19:07	PB170424
88-75-5	2-Nitrophenol	1.90	U	1	1.90	5.30	ug/L	11/06/25 19:07	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.30	ug/L	11/06/25 19:07	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.72	U	1	0.72	5.30	ug/L	11/06/25 19:07	PB170424
120-83-2	2,4-Dichlorophenol	0.55	U	1	0.55	5.30	ug/L	11/06/25 19:07	PB170424
91-20-3	Naphthalene	0.53	U	1	0.53	5.30	ug/L	11/06/25 19:07	PB170424
106-47-8	4-Chloroaniline	0.88	UQ	1	0.88	5.30	ug/L	11/06/25 19:07	PB170424
87-68-3	Hexachlorobutadiene	0.57	U	1	0.57	5.30	ug/L	11/06/25 19:07	PB170424
105-60-2	Caprolactam	1.20	U	1	1.20	10.5	ug/L	11/06/25 19:07	PB170424
59-50-7	4-Chloro-3-methylphenol	0.62	U	1	0.62	5.30	ug/L	11/06/25 19:07	PB170424
91-57-6	2-Methylnaphthalene	0.59	U	1	0.59	5.30	ug/L	11/06/25 19:07	PB170424
77-47-4	Hexachlorocyclopentadiene	3.80	U	1	3.80	10.5	ug/L	11/06/25 19:07	PB170424
88-06-2	2,4,6-Trichlorophenol	0.54	U	1	0.54	5.30	ug/L	11/06/25 19:07	PB170424
95-95-4	2,4,5-Trichlorophenol	0.65	U	1	0.65	5.30	ug/L	11/06/25 19:07	PB170424
92-52-4	1,1-Biphenyl	0.56	U	1	0.56	5.30	ug/L	11/06/25 19:07	PB170424
91-58-7	2-Chloronaphthalene	0.64	U	1	0.64	5.30	ug/L	11/06/25 19:07	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.30	ug/L	11/06/25 19:07	PB170424
131-11-3	Dimethylphthalate	0.64	U	1	0.64	5.30	ug/L	11/06/25 19:07	PB170424
208-96-8	Acenaphthylene	0.79	U	1	0.79	5.30	ug/L	11/06/25 19:07	PB170424
606-20-2	2,6-Dinitrotoluene	0.97	U	1	0.97	5.30	ug/L	11/06/25 19:07	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.30	ug/L	11/06/25 19:07	PB170424
83-32-9	Acenaphthene	0.58	U	1	0.58	5.30	ug/L	11/06/25 19:07	PB170424
51-28-5	2,4-Dinitrophenol	6.30	U	1	6.30	10.5	ug/L	11/06/25 19:07	PB170424
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.5	ug/L	11/06/25 19:07	PB170424
132-64-9	Dibenzofuran	0.64	U	1	0.64	5.30	ug/L	11/06/25 19:07	PB170424
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.30	ug/L	11/06/25 19:07	PB170424
84-66-2	Diethylphthalate	0.73	U	1	0.73	5.30	ug/L	11/06/25 19:07	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.72	U	1	0.72	5.30	ug/L	11/06/25 19:07	PB170424
86-73-7	Fluorene	0.66	U	1	0.66	5.30	ug/L	11/06/25 19:07	PB170424
100-01-6	4-Nitroaniline	1.60	U	1	1.60	5.30	ug/L	11/06/25 19:07	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	1	3.00	10.5	ug/L	11/06/25 19:07	PB170424

Raw Data: **BP026083.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:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-5	SDG No.:	Q3534
Lab Sample ID:	Q3534-04	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	950 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.61	U	1	0.61	5.30	ug/L	11/06/25 19:07	PB170424
101-55-3	4-Bromophenyl-phenylether	0.42	U	1	0.42	5.30	ug/L	11/06/25 19:07	PB170424
118-74-1	Hexachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/06/25 19:07	PB170424
1912-24-9	Atrazine	1.10	U	1	1.10	5.30	ug/L	11/06/25 19:07	PB170424
87-86-5	Pentachlorophenol	1.70	U	1	1.70	10.5	ug/L	11/06/25 19:07	PB170424
85-01-8	Phenanthrene	0.53	U	1	0.53	5.30	ug/L	11/06/25 19:07	PB170424
120-12-7	Anthracene	0.64	U	1	0.64	5.30	ug/L	11/06/25 19:07	PB170424
86-74-8	Carbazole	0.76	U	1	0.76	5.30	ug/L	11/06/25 19:07	PB170424
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.30	ug/L	11/06/25 19:07	PB170424
206-44-0	Fluoranthene	0.86	U	1	0.86	5.30	ug/L	11/06/25 19:07	PB170424
129-00-0	Pyrene	0.53	U	1	0.53	5.30	ug/L	11/06/25 19:07	PB170424
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.30	ug/L	11/06/25 19:07	PB170424
91-94-1	3,3-Dichlorobenzidine	0.98	U	1	0.98	10.5	ug/L	11/06/25 19:07	PB170424
56-55-3	Benzo(a)anthracene	0.47	U	1	0.47	5.30	ug/L	11/06/25 19:07	PB170424
218-01-9	Chrysene	0.46	U	1	0.46	5.30	ug/L	11/06/25 19:07	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	3.00	J	1	1.70	5.30	ug/L	11/06/25 19:07	PB170424
117-84-0	Di-n-octyl phthalate	2.50	U	1	2.50	10.5	ug/L	11/06/25 19:07	PB170424
205-99-2	Benzo(b)fluoranthene	0.52	U	1	0.52	5.30	ug/L	11/06/25 19:07	PB170424
207-08-9	Benzo(k)fluoranthene	0.51	U	1	0.51	5.30	ug/L	11/06/25 19:07	PB170424
50-32-8	Benzo(a)pyrene	0.58	U	1	0.58	5.30	ug/L	11/06/25 19:07	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.62	U	1	0.62	5.30	ug/L	11/06/25 19:07	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.71	U	1	0.71	5.30	ug/L	11/06/25 19:07	PB170424
191-24-2	Benzo(g,h,i)perylene	0.73	U	1	0.73	5.30	ug/L	11/06/25 19:07	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/06/25 19:07	PB170424
123-91-1	1,4-Dioxane	3.90	J	1	1.10	5.30	ug/L	11/06/25 19:07	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.76	U	1	0.76	5.30	ug/L	11/06/25 19:07	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	75.0			15 (23) - 110 (138)	50%	SPK: 150		
13127-88-3	Phenol-d6	48.2			15 (10) - 110 (134)	32%	SPK: 150		
4165-60-0	Nitrobenzene-d5	102			30 (67) - 130 (132)	102%	SPK: 100		
321-60-8	2-Fluorobiphenyl	85.7			30 (52) - 130 (132)	86%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	174	*		15 (44) - 110 (137)	116%	SPK: 150		
1718-51-0	Terphenyl-d14	91.4			30 (42) - 130 (152)	91%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	318000							
1146-65-2	Naphthalene-d8	1280000							
15067-26-2	Acenaphthene-d10	830000							
1517-22-2	Phenanthrene-d10	1660000							
1719-03-5	Chrysene-d12	1730000							
1520-96-3	Perylene-d12	2000000							
TENTATIVE IDENTIFIED COMPOUNDS									
000098-73-7	Benzoic acid, p-tert-butyl-	3.80	J			14.1	ug/L		
000119-61-9	Benzophenone	4.60	J			15.7	ug/L		

Raw Data: **BP026083.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:	11/04/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-5			SDG No.:	Q3534
Lab Sample ID:	Q3534-04			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	950 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-43-2	Amobarbital	19.5	J			16.4	ug/L		
000057-10-3	n-Hexadecanoic acid	4.50	J			18.1	ug/L		
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	2.30	J			19.7	ug/L		

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

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

Raw Data: **BF144192.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:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-05	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	960 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.10	U	1	4.10	10.4	ug/L	11/06/25 17:24	PB170424
108-95-2	Phenol	0.95	U	1	0.95	5.20	ug/L	11/06/25 17:24	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.84	U	1	0.84	5.20	ug/L	11/06/25 17:24	PB170424
95-57-8	2-Chlorophenol	0.60	U	1	0.60	5.20	ug/L	11/06/25 17:24	PB170424
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.20	ug/L	11/06/25 17:24	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.20	ug/L	11/06/25 17:24	PB170424
98-86-2	Acetophenone	0.77	U	1	0.77	5.20	ug/L	11/06/25 17:24	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.4	ug/L	11/06/25 17:24	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.60	ug/L	11/06/25 17:24	PB170424
67-72-1	Hexachloroethane	0.68	U	1	0.68	5.20	ug/L	11/06/25 17:24	PB170424
98-95-3	Nitrobenzene	0.79	U	1	0.79	5.20	ug/L	11/06/25 17:24	PB170424
78-59-1	Isophorone	0.78	U	1	0.78	5.20	ug/L	11/06/25 17:24	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.20	ug/L	11/06/25 17:24	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.20	ug/L	11/06/25 17:24	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.71	U	1	0.71	5.20	ug/L	11/06/25 17:24	PB170424
120-83-2	2,4-Dichlorophenol	0.54	U	1	0.54	5.20	ug/L	11/06/25 17:24	PB170424
91-20-3	Naphthalene	0.52	U	1	0.52	5.20	ug/L	11/06/25 17:24	PB170424
106-47-8	4-Chloroaniline	0.88	UQ	1	0.88	5.20	ug/L	11/06/25 17:24	PB170424
87-68-3	Hexachlorobutadiene	0.56	U	1	0.56	5.20	ug/L	11/06/25 17:24	PB170424
105-60-2	Caprolactam	1.20	U	1	1.20	10.4	ug/L	11/06/25 17:24	PB170424
59-50-7	4-Chloro-3-methylphenol	0.61	U	1	0.61	5.20	ug/L	11/06/25 17:24	PB170424
91-57-6	2-Methylnaphthalene	0.58	U	1	0.58	5.20	ug/L	11/06/25 17:24	PB170424
77-47-4	Hexachlorocyclopentadiene	3.80	U	1	3.80	10.4	ug/L	11/06/25 17:24	PB170424
88-06-2	2,4,6-Trichlorophenol	0.53	U	1	0.53	5.20	ug/L	11/06/25 17:24	PB170424
95-95-4	2,4,5-Trichlorophenol	0.65	U	1	0.65	5.20	ug/L	11/06/25 17:24	PB170424
92-52-4	1,1-Biphenyl	0.55	U	1	0.55	5.20	ug/L	11/06/25 17:24	PB170424
91-58-7	2-Chloronaphthalene	0.64	U	1	0.64	5.20	ug/L	11/06/25 17:24	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.20	ug/L	11/06/25 17:24	PB170424
131-11-3	Dimethylphthalate	0.64	U	1	0.64	5.20	ug/L	11/06/25 17:24	PB170424
208-96-8	Acenaphthylene	0.78	U	1	0.78	5.20	ug/L	11/06/25 17:24	PB170424
606-20-2	2,6-Dinitrotoluene	0.96	U	1	0.96	5.20	ug/L	11/06/25 17:24	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.20	ug/L	11/06/25 17:24	PB170424
83-32-9	Acenaphthene	0.57	U	1	0.57	5.20	ug/L	11/06/25 17:24	PB170424
51-28-5	2,4-Dinitrophenol	6.20	U	1	6.20	10.4	ug/L	11/06/25 17:24	PB170424
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.4	ug/L	11/06/25 17:24	PB170424
132-64-9	Dibenzofuran	0.64	U	1	0.64	5.20	ug/L	11/06/25 17:24	PB170424
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.20	ug/L	11/06/25 17:24	PB170424
84-66-2	Diethylphthalate	0.72	U	1	0.72	5.20	ug/L	11/06/25 17:24	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.71	U	1	0.71	5.20	ug/L	11/06/25 17:24	PB170424
86-73-7	Fluorene	0.66	U	1	0.66	5.20	ug/L	11/06/25 17:24	PB170424
100-01-6	4-Nitroaniline	1.60	U	1	1.60	5.20	ug/L	11/06/25 17:24	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	1	3.00	10.4	ug/L	11/06/25 17:24	PB170424

Raw Data: **BF144192.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:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-EB-1			SDG No.:	Q3534
Lab Sample ID:	Q3534-05			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	960 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	3.90	J	1	0.60	5.20	ug/L	11/06/25 17:24	PB170424
101-55-3	4-Bromophenyl-phenylether	0.42	U	1	0.42	5.20	ug/L	11/06/25 17:24	PB170424
118-74-1	Hexachlorobenzene	0.54	U	1	0.54	5.20	ug/L	11/06/25 17:24	PB170424
1912-24-9	Atrazine	1.10	U	1	1.10	5.20	ug/L	11/06/25 17:24	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.4	ug/L	11/06/25 17:24	PB170424
85-01-8	Phenanthrene	0.52	U	1	0.52	5.20	ug/L	11/06/25 17:24	PB170424
120-12-7	Anthracene	0.64	U	1	0.64	5.20	ug/L	11/06/25 17:24	PB170424
86-74-8	Carbazole	0.75	U	1	0.75	5.20	ug/L	11/06/25 17:24	PB170424
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.20	ug/L	11/06/25 17:24	PB170424
206-44-0	Fluoranthene	0.85	U	1	0.85	5.20	ug/L	11/06/25 17:24	PB170424
129-00-0	Pyrene	0.52	U	1	0.52	5.20	ug/L	11/06/25 17:24	PB170424
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.20	ug/L	11/06/25 17:24	PB170424
91-94-1	3,3-Dichlorobenzidine	0.97	U	1	0.97	10.4	ug/L	11/06/25 17:24	PB170424
56-55-3	Benzo(a)anthracene	0.47	U	1	0.47	5.20	ug/L	11/06/25 17:24	PB170424
218-01-9	Chrysene	0.46	U	1	0.46	5.20	ug/L	11/06/25 17:24	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1	1.70	5.20	ug/L	11/06/25 17:24	PB170424
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.4	ug/L	11/06/25 17:24	PB170424
205-99-2	Benzo(b)fluoranthene	0.51	U	1	0.51	5.20	ug/L	11/06/25 17:24	PB170424
207-08-9	Benzo(k)fluoranthene	0.50	U	1	0.50	5.20	ug/L	11/06/25 17:24	PB170424
50-32-8	Benzo(a)pyrene	0.57	U	1	0.57	5.20	ug/L	11/06/25 17:24	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	1	0.61	5.20	ug/L	11/06/25 17:24	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.70	U	1	0.70	5.20	ug/L	11/06/25 17:24	PB170424
191-24-2	Benzo(g,h,i)perylene	0.72	U	1	0.72	5.20	ug/L	11/06/25 17:24	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.54	U	1	0.54	5.20	ug/L	11/06/25 17:24	PB170424
123-91-1	1,4-Dioxane	7.50		1	1.00	5.20	ug/L	11/06/25 17:24	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.75	U	1	0.75	5.20	ug/L	11/06/25 17:24	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	72.1			15 (23) - 110 (138)	48%	SPK: 150		
13127-88-3	Phenol-d6	48.7			15 (10) - 110 (134)	32%	SPK: 150		
4165-60-0	Nitrobenzene-d5	88.9			30 (67) - 130 (132)	89%	SPK: 100		
321-60-8	2-Fluorobiphenyl	86.4			30 (52) - 130 (132)	86%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	120			15 (44) - 110 (137)	80%	SPK: 150		
1718-51-0	Terphenyl-d14	66.2			30 (42) - 130 (152)	66%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	62800							
1146-65-2	Naphthalene-d8	229000							
15067-26-2	Acenaphthene-d10	121000							
1517-22-2	Phenanthrene-d10	183000							
1719-03-5	Chrysene-d12	157000							
1520-96-3	Perylene-d12	214000							
TENTATIVE IDENTIFIED COMPOUNDS									
000121-44-8	Triethylamine	9.80	J			2.22	ug/L		
000496-11-7	Indane	42.9	J			7.05	ug/L		

Raw Data: **BF144192.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:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-EB-1			SDG No.:	Q3534
Lab Sample ID:	Q3534-05			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	960 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000098-54-4	Phenol, p-tert-butyl-	280	J			8.73	ug/L		
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	120	J			9.34	ug/L		
000934-34-9	2(3H)-Benzothiazolone	27.3	J			10.8	ug/L		
000050-06-6	Phenobarbital	11.3	J			12.2	ug/L		
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	11.1	J			12.9	ug/L		

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

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

Raw Data: **BP026084.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:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-2	SDG No.:	Q3534
Lab Sample ID:	Q3534-06	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	980 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

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	10.2	ug/L	11/06/25 19:48	PB170424
108-95-2	Phenol	0.93	U	1	0.93	5.10	ug/L	11/06/25 19:48	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.83	U	1	0.83	5.10	ug/L	11/06/25 19:48	PB170424
95-57-8	2-Chlorophenol	0.59	U	1	0.59	5.10	ug/L	11/06/25 19:48	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.10	ug/L	11/06/25 19:48	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.10	ug/L	11/06/25 19:48	PB170424
98-86-2	Acetophenone	0.76	U	1	0.76	5.10	ug/L	11/06/25 19:48	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.2	ug/L	11/06/25 19:48	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.60	ug/L	11/06/25 19:48	PB170424
67-72-1	Hexachloroethane	0.66	U	1	0.66	5.10	ug/L	11/06/25 19:48	PB170424
98-95-3	Nitrobenzene	0.78	U	1	0.78	5.10	ug/L	11/06/25 19:48	PB170424
78-59-1	Isophorone	0.77	U	1	0.77	5.10	ug/L	11/06/25 19:48	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.10	ug/L	11/06/25 19:48	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.10	ug/L	11/06/25 19:48	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	1	0.69	5.10	ug/L	11/06/25 19:48	PB170424
120-83-2	2,4-Dichlorophenol	0.53	U	1	0.53	5.10	ug/L	11/06/25 19:48	PB170424
91-20-3	Naphthalene	0.51	U	1	0.51	5.10	ug/L	11/06/25 19:48	PB170424
106-47-8	4-Chloroaniline	0.86	UQ	1	0.86	5.10	ug/L	11/06/25 19:48	PB170424
87-68-3	Hexachlorobutadiene	0.55	U	1	0.55	5.10	ug/L	11/06/25 19:48	PB170424
105-60-2	Caprolactam	1.20	U	1	1.20	10.2	ug/L	11/06/25 19:48	PB170424
59-50-7	4-Chloro-3-methylphenol	0.60	U	1	0.60	5.10	ug/L	11/06/25 19:48	PB170424
91-57-6	2-Methylnaphthalene	0.57	U	1	0.57	5.10	ug/L	11/06/25 19:48	PB170424
77-47-4	Hexachlorocyclopentadiene	3.70	U	1	3.70	10.2	ug/L	11/06/25 19:48	PB170424
88-06-2	2,4,6-Trichlorophenol	0.52	U	1	0.52	5.10	ug/L	11/06/25 19:48	PB170424
95-95-4	2,4,5-Trichlorophenol	0.63	U	1	0.63	5.10	ug/L	11/06/25 19:48	PB170424
92-52-4	1,1-Biphenyl	0.54	U	1	0.54	5.10	ug/L	11/06/25 19:48	PB170424
91-58-7	2-Chloronaphthalene	0.62	U	1	0.62	5.10	ug/L	11/06/25 19:48	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.10	ug/L	11/06/25 19:48	PB170424
131-11-3	Dimethylphthalate	0.62	U	1	0.62	5.10	ug/L	11/06/25 19:48	PB170424
208-96-8	Acenaphthylene	0.77	U	1	0.77	5.10	ug/L	11/06/25 19:48	PB170424
606-20-2	2,6-Dinitrotoluene	0.94	U	1	0.94	5.10	ug/L	11/06/25 19:48	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.10	ug/L	11/06/25 19:48	PB170424
83-32-9	Acenaphthene	0.56	U	1	0.56	5.10	ug/L	11/06/25 19:48	PB170424
51-28-5	2,4-Dinitrophenol	6.10	U	1	6.10	10.2	ug/L	11/06/25 19:48	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.2	ug/L	11/06/25 19:48	PB170424
132-64-9	Dibenzofuran	0.62	U	1	0.62	5.10	ug/L	11/06/25 19:48	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.10	ug/L	11/06/25 19:48	PB170424
84-66-2	Diethylphthalate	0.70	U	1	0.70	5.10	ug/L	11/06/25 19:48	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	1	0.69	5.10	ug/L	11/06/25 19:48	PB170424
86-73-7	Fluorene	0.64	U	1	0.64	5.10	ug/L	11/06/25 19:48	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.10	ug/L	11/06/25 19:48	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.2	ug/L	11/06/25 19:48	PB170424

Raw Data: **BP026084.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:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-2	SDG No.:	Q3534
Lab Sample ID:	Q3534-06	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	980 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

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	11/06/25 19:48	PB170424
101-55-3	4-Bromophenyl-phenylether	0.41	U	1	0.41	5.10	ug/L	11/06/25 19:48	PB170424
118-74-1	Hexachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/06/25 19:48	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.10	ug/L	11/06/25 19:48	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.2	ug/L	11/06/25 19:48	PB170424
85-01-8	Phenanthrene	0.51	U	1	0.51	5.10	ug/L	11/06/25 19:48	PB170424
120-12-7	Anthracene	0.62	U	1	0.62	5.10	ug/L	11/06/25 19:48	PB170424
86-74-8	Carbazole	0.73	U	1	0.73	5.10	ug/L	11/06/25 19:48	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.10	ug/L	11/06/25 19:48	PB170424
206-44-0	Fluoranthene	0.84	U	1	0.84	5.10	ug/L	11/06/25 19:48	PB170424
129-00-0	Pyrene	0.51	U	1	0.51	5.10	ug/L	11/06/25 19:48	PB170424
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.10	ug/L	11/06/25 19:48	PB170424
91-94-1	3,3-Dichlorobenzidine	0.95	U	1	0.95	10.2	ug/L	11/06/25 19:48	PB170424
56-55-3	Benzo(a)anthracene	0.46	U	1	0.46	5.10	ug/L	11/06/25 19:48	PB170424
218-01-9	Chrysene	0.45	U	1	0.45	5.10	ug/L	11/06/25 19:48	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.10	ug/L	11/06/25 19:48	PB170424
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.2	ug/L	11/06/25 19:48	PB170424
205-99-2	Benzo(b)fluoranthene	0.50	U	1	0.50	5.10	ug/L	11/06/25 19:48	PB170424
207-08-9	Benzo(k)fluoranthene	0.49	U	1	0.49	5.10	ug/L	11/06/25 19:48	PB170424
50-32-8	Benzo(a)pyrene	0.56	U	1	0.56	5.10	ug/L	11/06/25 19:48	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	1	0.60	5.10	ug/L	11/06/25 19:48	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.68	U	1	0.68	5.10	ug/L	11/06/25 19:48	PB170424
191-24-2	Benzo(g,h,i)perylene	0.70	U	1	0.70	5.10	ug/L	11/06/25 19:48	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/06/25 19:48	PB170424
123-91-1	1,4-Dioxane	3.60	J	1	1.00	5.10	ug/L	11/06/25 19:48	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.73	U	1	0.73	5.10	ug/L	11/06/25 19:48	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	64.1			15 (23) - 110 (138)	43%	SPK: 150		
13127-88-3	Phenol-d6	42.4			15 (10) - 110 (134)	28%	SPK: 150		
4165-60-0	Nitrobenzene-d5	90.9			30 (67) - 130 (132)	91%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.0			30 (52) - 130 (132)	79%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	159			15 (44) - 110 (137)	106%	SPK: 150		
1718-51-0	Terphenyl-d14	79.5			30 (42) - 130 (152)	79%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	311000							
1146-65-2	Naphthalene-d8	1200000							
15067-26-2	Acenaphthene-d10	734000							
1517-22-2	Phenanthrene-d10	1480000							
1719-03-5	Chrysene-d12	1670000							
1520-96-3	Perylene-d12	1950000							
TENTATIVE IDENTIFIED COMPOUNDS									
000149-57-5	Hexanoic acid, 2-ethyl-	38.5	J			9.01	ug/L		
65-85-0	Benzoic acid	6.10	J			9.68	ug/L		

Raw Data: **BP026084.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:	11/04/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-EB-2			SDG No.:	Q3534
Lab Sample ID:	Q3534-06			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	980 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
003884-95-5	Phenol, 2-(1,1,3,3-tetramethylbuty	3.50	J			15.3	ug/L		
000126-73-8	Tributyl phosphate	3.20	J			15.6	ug/L		
000119-61-9	Benzophenone	7.40	J			15.7	ug/L		
000057-43-2	Amobarbital	15.8	J			16.4	ug/L		
000057-10-3	n-Hexadecanoic acid	7.30	J			18.1	ug/L		
000050-06-6	Phenobarbital	3.10	J			18.5	ug/L		

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

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

Raw Data: **BG064706.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:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-3	SDG No.:	Q3534
Lab Sample ID:	Q3534-07	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: 11/06/25		

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	11/06/25 17:09	PB170424
108-95-2	Phenol	0.94	U	1	0.94	5.20	ug/L	11/06/25 17:09	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.84	U	1	0.84	5.20	ug/L	11/06/25 17:09	PB170424
95-57-8	2-Chlorophenol	0.60	U	1	0.60	5.20	ug/L	11/06/25 17:09	PB170424
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.20	ug/L	11/06/25 17:09	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.20	ug/L	11/06/25 17:09	PB170424
98-86-2	Acetophenone	0.76	U	1	0.76	5.20	ug/L	11/06/25 17:09	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.3	ug/L	11/06/25 17:09	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.60	ug/L	11/06/25 17:09	PB170424
67-72-1	Hexachloroethane	0.67	U	1	0.67	5.20	ug/L	11/06/25 17:09	PB170424
98-95-3	Nitrobenzene	0.78	U	1	0.78	5.20	ug/L	11/06/25 17:09	PB170424
78-59-1	Isophorone	0.77	U	1	0.77	5.20	ug/L	11/06/25 17:09	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.20	ug/L	11/06/25 17:09	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.20	ug/L	11/06/25 17:09	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.70	U	1	0.70	5.20	ug/L	11/06/25 17:09	PB170424
120-83-2	2,4-Dichlorophenol	0.54	U	1	0.54	5.20	ug/L	11/06/25 17:09	PB170424
91-20-3	Naphthalene	0.52	U	1	0.52	5.20	ug/L	11/06/25 17:09	PB170424
106-47-8	4-Chloroaniline	0.87	UQ	1	0.87	5.20	ug/L	11/06/25 17:09	PB170424
87-68-3	Hexachlorobutadiene	0.56	U	1	0.56	5.20	ug/L	11/06/25 17:09	PB170424
105-60-2	Caprolactam	1.20	U	1	1.20	10.3	ug/L	11/06/25 17:09	PB170424
59-50-7	4-Chloro-3-methylphenol	0.61	U	1	0.61	5.20	ug/L	11/06/25 17:09	PB170424
91-57-6	2-Methylnaphthalene	0.58	U	1	0.58	5.20	ug/L	11/06/25 17:09	PB170424
77-47-4	Hexachlorocyclopentadiene	3.70	U	1	3.70	10.3	ug/L	11/06/25 17:09	PB170424
88-06-2	2,4,6-Trichlorophenol	0.53	U	1	0.53	5.20	ug/L	11/06/25 17:09	PB170424
95-95-4	2,4,5-Trichlorophenol	0.64	U	1	0.64	5.20	ug/L	11/06/25 17:09	PB170424
92-52-4	1,1-Biphenyl	0.55	U	1	0.55	5.20	ug/L	11/06/25 17:09	PB170424
91-58-7	2-Chloronaphthalene	0.63	U	1	0.63	5.20	ug/L	11/06/25 17:09	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.20	ug/L	11/06/25 17:09	PB170424
131-11-3	Dimethylphthalate	0.63	U	1	0.63	5.20	ug/L	11/06/25 17:09	PB170424
208-96-8	Acenaphthylene	0.77	U	1	0.77	5.20	ug/L	11/06/25 17:09	PB170424
606-20-2	2,6-Dinitrotoluene	0.95	U	1	0.95	5.20	ug/L	11/06/25 17:09	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.20	ug/L	11/06/25 17:09	PB170424
83-32-9	Acenaphthene	0.57	U	1	0.57	5.20	ug/L	11/06/25 17:09	PB170424
51-28-5	2,4-Dinitrophenol	6.20	U	1	6.20	10.3	ug/L	11/06/25 17:09	PB170424
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.3	ug/L	11/06/25 17:09	PB170424
132-64-9	Dibenzofuran	0.63	U	1	0.63	5.20	ug/L	11/06/25 17:09	PB170424
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.20	ug/L	11/06/25 17:09	PB170424
84-66-2	Diethylphthalate	0.71	U	1	0.71	5.20	ug/L	11/06/25 17:09	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.70	U	1	0.70	5.20	ug/L	11/06/25 17:09	PB170424
86-73-7	Fluorene	0.65	U	1	0.65	5.20	ug/L	11/06/25 17:09	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.20	ug/L	11/06/25 17:09	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	1	3.00	10.3	ug/L	11/06/25 17:09	PB170424

Raw Data: **BG064706.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:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-EB-3			SDG No.:	Q3534
Lab Sample ID:	Q3534-07			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:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	2.20	J	1	0.60	5.20	ug/L	11/06/25 17:09	PB170424
101-55-3	4-Bromophenyl-phenylether	0.41	U	1	0.41	5.20	ug/L	11/06/25 17:09	PB170424
118-74-1	Hexachlorobenzene	0.54	U	1	0.54	5.20	ug/L	11/06/25 17:09	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.20	ug/L	11/06/25 17:09	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.3	ug/L	11/06/25 17:09	PB170424
85-01-8	Phenanthrene	0.52	U	1	0.52	5.20	ug/L	11/06/25 17:09	PB170424
120-12-7	Anthracene	0.63	U	1	0.63	5.20	ug/L	11/06/25 17:09	PB170424
86-74-8	Carbazole	0.74	U	1	0.74	5.20	ug/L	11/06/25 17:09	PB170424
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.20	ug/L	11/06/25 17:09	PB170424
206-44-0	Fluoranthene	0.85	U	1	0.85	5.20	ug/L	11/06/25 17:09	PB170424
129-00-0	Pyrene	0.52	U	1	0.52	5.20	ug/L	11/06/25 17:09	PB170424
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.20	ug/L	11/06/25 17:09	PB170424
91-94-1	3,3-Dichlorobenzidine	0.96	U	1	0.96	10.3	ug/L	11/06/25 17:09	PB170424
56-55-3	Benzo(a)anthracene	0.46	U	1	0.46	5.20	ug/L	11/06/25 17:09	PB170424
218-01-9	Chrysene	0.45	U	1	0.45	5.20	ug/L	11/06/25 17:09	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.20	ug/L	11/06/25 17:09	PB170424
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.3	ug/L	11/06/25 17:09	PB170424
205-99-2	Benzo(b)fluoranthene	0.51	U	1	0.51	5.20	ug/L	11/06/25 17:09	PB170424
207-08-9	Benzo(k)fluoranthene	0.49	U	1	0.49	5.20	ug/L	11/06/25 17:09	PB170424
50-32-8	Benzo(a)pyrene	0.57	U	1	0.57	5.20	ug/L	11/06/25 17:09	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	1	0.61	5.20	ug/L	11/06/25 17:09	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.69	U	1	0.69	5.20	ug/L	11/06/25 17:09	PB170424
191-24-2	Benzo(g,h,i)perylene	0.71	U	1	0.71	5.20	ug/L	11/06/25 17:09	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.54	U	1	0.54	5.20	ug/L	11/06/25 17:09	PB170424
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.20	ug/L	11/06/25 17:09	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.74	U	1	0.74	5.20	ug/L	11/06/25 17:09	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	61.0			15 (23) - 110 (138)	41%	SPK: 150		
13127-88-3	Phenol-d6	41.5			15 (10) - 110 (134)	28%	SPK: 150		
4165-60-0	Nitrobenzene-d5	96.2			30 (67) - 130 (132)	96%	SPK: 100		
321-60-8	2-Fluorobiphenyl	82.1			30 (52) - 130 (132)	82%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	169	*		15 (44) - 110 (137)	113%	SPK: 150		
1718-51-0	Terphenyl-d14	85.1			30 (42) - 130 (152)	85%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	33300							
1146-65-2	Naphthalene-d8	133000							
15067-26-2	Acenaphthene-d10	109000							
1517-22-2	Phenanthrene-d10	256000							
1719-03-5	Chrysene-d12	310000							
1520-96-3	Perylene-d12	341000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	4.20	J			16.2	ug/L		
000057-10-3	n-Hexadecanoic acid	4.60	J			18.4	ug/L		

Raw Data: **BG064706.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:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-EB-3			SDG No.:	Q3534
Lab Sample ID:	Q3534-07			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:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	4.30	J			19.9	ug/L		

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

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

Raw Data: **BP026080.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:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	FB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-09	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	500 mL Final Vol: 500 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

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	11/06/25 17:04	PB170424
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/06/25 17:04	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/06/25 17:04	PB170424
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/06/25 17:04	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/06/25 17:04	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/06/25 17:04	PB170424
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/06/25 17:04	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/06/25 17:04	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/06/25 17:04	PB170424
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/06/25 17:04	PB170424
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/06/25 17:04	PB170424
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/06/25 17:04	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/06/25 17:04	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/06/25 17:04	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/06/25 17:04	PB170424
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/06/25 17:04	PB170424
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/06/25 17:04	PB170424
106-47-8	4-Chloroaniline	0.84	UQ	1	0.84	5.00	ug/L	11/06/25 17:04	PB170424
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/06/25 17:04	PB170424
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/06/25 17:04	PB170424
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/06/25 17:04	PB170424
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/06/25 17:04	PB170424
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/06/25 17:04	PB170424
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/06/25 17:04	PB170424
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/06/25 17:04	PB170424
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/06/25 17:04	PB170424
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:04	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/06/25 17:04	PB170424
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:04	PB170424
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/06/25 17:04	PB170424
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/06/25 17:04	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/06/25 17:04	PB170424
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/06/25 17:04	PB170424
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/06/25 17:04	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/06/25 17:04	PB170424
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:04	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/06/25 17:04	PB170424
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/06/25 17:04	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/06/25 17:04	PB170424
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/06/25 17:04	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/06/25 17:04	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/06/25 17:04	PB170424

Raw Data: **BP026080.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:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	FB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-09	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	500 mL Final Vol: 500 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

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	11/06/25 17:04	PB170424
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/06/25 17:04	PB170424
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 17:04	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/06/25 17:04	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/06/25 17:04	PB170424
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 17:04	PB170424
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:04	PB170424
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/06/25 17:04	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/06/25 17:04	PB170424
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/06/25 17:04	PB170424
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 17:04	PB170424
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/06/25 17:04	PB170424
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/06/25 17:04	PB170424
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/06/25 17:04	PB170424
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/06/25 17:04	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	2.90	J	1	1.60	5.00	ug/L	11/06/25 17:04	PB170424
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/06/25 17:04	PB170424
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/06/25 17:04	PB170424
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/06/25 17:04	PB170424
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/06/25 17:04	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/06/25 17:04	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/06/25 17:04	PB170424
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/06/25 17:04	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 17:04	PB170424
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/06/25 17:04	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/06/25 17:04	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	36.4			15 (23) - 110 (138)	49%	SPK: 75		
13127-88-3	Phenol-d6	23.9			15 (10) - 110 (134)	32%	SPK: 75		
4165-60-0	Nitrobenzene-d5	45.2			30 (67) - 130 (132)	90%	SPK: 50		
321-60-8	2-Fluorobiphenyl	39.0			30 (52) - 130 (132)	78%	SPK: 50		
118-79-6	2,4,6-Tribromophenol	80.9			15 (44) - 110 (137)	108%	SPK: 75		
1718-51-0	Terphenyl-d14	43.1			30 (42) - 130 (152)	86%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	312000							
1146-65-2	Naphthalene-d8	1220000							
15067-26-2	Acenaphthene-d10	769000							
1517-22-2	Phenanthrene-d10	1560000							
1719-03-5	Chrysene-d12	1710000							
1520-96-3	Perylene-d12	2010000							
TENTATIVE IDENTIFIED COMPOUNDS									
000149-57-5	Hexanoic acid, 2-ethyl-	89.5	J			9.04	ug/L		
65-85-0	Benzoic acid	6.70	J			9.70	ug/L		

Raw Data: **BP026080.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:	11/04/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	FB-1			SDG No.:	Q3534
Lab Sample ID:	Q3534-09			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	500 mL	Final Vol:	500 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
029878-31-7	1H-Benzotriazole, 4-methyl-	8.00	J			15.0	ug/L		
000112-39-0	Hexadecanoic acid, methyl ester	4.40	J			17.9	ug/L		
000057-10-3	n-Hexadecanoic acid	3.90	J			18.1	ug/L		
000112-61-8	Methyl stearate	2.00	J			19.2	ug/L		
000693-71-0	trans-13-Octadecenoic acid	7.20	J			19.3	ug/L		
000057-11-4	Octadecanoic acid	2.30	J			19.4	ug/L		

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

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

Raw Data: **BP026081.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:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	EB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-10	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	500 mL Final Vol: 500 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

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	11/06/25 17:45	PB170424
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/06/25 17:45	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/06/25 17:45	PB170424
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/06/25 17:45	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/06/25 17:45	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/06/25 17:45	PB170424
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/06/25 17:45	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/06/25 17:45	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/06/25 17:45	PB170424
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/06/25 17:45	PB170424
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/06/25 17:45	PB170424
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/06/25 17:45	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/06/25 17:45	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/06/25 17:45	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/06/25 17:45	PB170424
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/06/25 17:45	PB170424
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/06/25 17:45	PB170424
106-47-8	4-Chloroaniline	0.84	UQ	1	0.84	5.00	ug/L	11/06/25 17:45	PB170424
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/06/25 17:45	PB170424
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/06/25 17:45	PB170424
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/06/25 17:45	PB170424
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/06/25 17:45	PB170424
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/06/25 17:45	PB170424
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/06/25 17:45	PB170424
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/06/25 17:45	PB170424
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/06/25 17:45	PB170424
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:45	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/06/25 17:45	PB170424
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:45	PB170424
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/06/25 17:45	PB170424
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/06/25 17:45	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/06/25 17:45	PB170424
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/06/25 17:45	PB170424
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/06/25 17:45	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/06/25 17:45	PB170424
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:45	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/06/25 17:45	PB170424
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/06/25 17:45	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/06/25 17:45	PB170424
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/06/25 17:45	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/06/25 17:45	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/06/25 17:45	PB170424

Raw Data: **BP026081.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:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	EB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-10	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	500 mL Final Vol: 500 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

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	11/06/25 17:45	PB170424
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/06/25 17:45	PB170424
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 17:45	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/06/25 17:45	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/06/25 17:45	PB170424
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 17:45	PB170424
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:45	PB170424
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/06/25 17:45	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/06/25 17:45	PB170424
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/06/25 17:45	PB170424
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 17:45	PB170424
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/06/25 17:45	PB170424
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/06/25 17:45	PB170424
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/06/25 17:45	PB170424
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/06/25 17:45	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	2.80	J	1	1.60	5.00	ug/L	11/06/25 17:45	PB170424
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/06/25 17:45	PB170424
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/06/25 17:45	PB170424
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/06/25 17:45	PB170424
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/06/25 17:45	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/06/25 17:45	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/06/25 17:45	PB170424
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/06/25 17:45	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 17:45	PB170424
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/06/25 17:45	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/06/25 17:45	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	42.8			15 (23) - 110 (138)	57%	SPK: 75		
13127-88-3	Phenol-d6	25.7			15 (10) - 110 (134)	34%	SPK: 75		
4165-60-0	Nitrobenzene-d5	49.6			30 (67) - 130 (132)	99%	SPK: 50		
321-60-8	2-Fluorobiphenyl	42.9			30 (52) - 130 (132)	86%	SPK: 50		
118-79-6	2,4,6-Tribromophenol	81.6			15 (44) - 110 (137)	109%	SPK: 75		
1718-51-0	Terphenyl-d14	46.5			30 (42) - 130 (152)	93%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	277000							
1146-65-2	Naphthalene-d8	1070000							
15067-26-2	Acenaphthene-d10	656000							
1517-22-2	Phenanthrene-d10	1340000							
1719-03-5	Chrysene-d12	1520000							
1520-96-3	Perylene-d12	1840000							
TENTATIVE IDENTIFIED COMPOUNDS									
92-87-5	Benzidine	41.5	J			19.4	ug/L		

Raw Data: **BP026081.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:	11/04/25	
Project:	Edison Landfill		Date Received:	11/04/25	
Client Sample ID:	EB-1		SDG No.:	Q3534	
Lab Sample ID:	Q3534-10		Matrix:	Water	
Analytical Method:	8270E	Level: LOW	% Solid:	0	
Sample Wt/Vol:	500 mL	Final Vol: 500 uL	Test:	SVOC-TCL BNA -20	
Prep Method :	3510C	Prep Date: 11/06/25			

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

QC SUMMARY

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

Surrogate Summary

SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170424BL	PB170424BL	2-Fluorophenol	150	138	92		15 (23)	110 (138)
		Phenol-d6	150	133	89		15 (10)	110 (134)
		Nitrobenzene-d5	100	93.5	94		30 (67)	130 (132)
		2-Fluorobiphenyl	100	83.6	84		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	169	113	*	15 (44)	110 (137)
		Terphenyl-d14	100	89.5	90		30 (42)	130 (152)
PB170424BS	PB170424BS	2-Fluorophenol	150	132	88		15 (23)	110 (138)
		Phenol-d6	150	133	89		15 (10)	110 (134)
		Nitrobenzene-d5	100	85.8	86		30 (67)	130 (132)
		2-Fluorobiphenyl	100	77.1	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	157	105		15 (44)	110 (137)
		Terphenyl-d14	100	83.6	84		30 (42)	130 (152)
PB170424BSD	PB170424BSD	2-Fluorophenol	150	132	88		15 (23)	110 (138)
		Phenol-d6	150	134	90		15 (10)	110 (134)
		Nitrobenzene-d5	100	86.1	86		30 (67)	130 (132)
		2-Fluorobiphenyl	100	76.6	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	155	103		15 (44)	110 (137)
		Terphenyl-d14	100	85.0	85		30 (42)	130 (152)
Q3534-01	MW-6	2-Fluorophenol	150	69.3	46		15 (23)	110 (138)
		Phenol-d6	150	44.1	29		15 (10)	110 (134)
		Nitrobenzene-d5	100	114	114		30 (67)	130 (132)
		2-Fluorobiphenyl	100	94.1	94		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	189	126	*	15 (44)	110 (137)
		Terphenyl-d14	100	91.5	92		30 (42)	130 (152)
Q3534-02	MW-1	2-Fluorophenol	150	78.6	52		15 (23)	110 (138)
		Phenol-d6	150	58.5	39		15 (10)	110 (134)
		Nitrobenzene-d5	100	93.3	93		30 (67)	130 (132)
		2-Fluorobiphenyl	100	87.1	87		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	133	89		15 (44)	110 (137)
		Terphenyl-d14	100	75.7	76		30 (42)	130 (152)
Q3534-03	MW-11	2-Fluorophenol	150	77.8	52		15 (23)	110 (138)
		Phenol-d6	150	54.4	36		15 (10)	110 (134)
		Nitrobenzene-d5	100	103	103		30 (67)	130 (132)
		2-Fluorobiphenyl	100	86.9	87		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	188	125	*	15 (44)	110 (137)
		Terphenyl-d14	100	84.2	84		30 (42)	130 (152)
Q3534-04	MW-5	2-Fluorophenol	150	75.0	50		15 (23)	110 (138)
		Phenol-d6	150	48.2	32		15 (10)	110 (134)
		Nitrobenzene-d5	100	102	102		30 (67)	130 (132)
		2-Fluorobiphenyl	100	85.7	86		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	174	116	*	15 (44)	110 (137)
		Terphenyl-d14	100	91.4	91		30 (42)	130 (152)
Q3534-05	MW-EB-1	2-Fluorophenol	150	72.1	48		15 (23)	110 (138)
		Phenol-d6	150	48.7	32		15 (10)	110 (134)
		Nitrobenzene-d5	100	88.9	89		30 (67)	130 (132)
		2-Fluorobiphenyl	100	86.4	86		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	120	80		15 (44)	110 (137)
		Terphenyl-d14	100	66.2	66		30 (42)	130 (152)
Q3534-06	MW-EB-2	2-Fluorophenol	150	64.1	43		15 (23)	110 (138)
		Phenol-d6	150	42.4	28		15 (10)	110 (134)
		Nitrobenzene-d5	100	90.9	91		30 (67)	130 (132)

( ) = LABORATORY INHOUSE LIMIT

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

Surrogate Summary

SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3534-06	MW-EB-2	2-Fluorobiphenyl	100	79.0	79		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	159	106		15 (44)	110 (137)
		Terphenyl-d14	100	79.5	79		30 (42)	130 (152)
Q3534-07	MW-EB-3	2-Fluorophenol	150	61.0	41		15 (23)	110 (138)
		Phenol-d6	150	41.5	28		15 (10)	110 (134)
		Nitrobenzene-d5	100	96.2	96		30 (67)	130 (132)
		2-Fluorobiphenyl	100	82.1	82		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	169	113	*	15 (44)	110 (137)
		Terphenyl-d14	100	85.1	85		30 (42)	130 (152)
Q3534-09	FB-1	2-Fluorophenol	75	36.4	49		15 (23)	110 (138)
		Phenol-d6	75	23.9	32		15 (10)	110 (134)
		Nitrobenzene-d5	50	45.2	90		30 (67)	130 (132)
		2-Fluorobiphenyl	50	39.0	78		30 (52)	130 (132)
		2,4,6-Tribromophenol	75	80.9	108		15 (44)	110 (137)
		Terphenyl-d14	50	43.1	86		30 (42)	130 (152)
Q3534-10	EB-1	2-Fluorophenol	75	42.8	57		15 (23)	110 (138)
		Phenol-d6	75	25.7	34		15 (10)	110 (134)
		Nitrobenzene-d5	50	49.6	99		30 (67)	130 (132)
		2-Fluorobiphenyl	50	42.9	86		30 (52)	130 (132)
		2,4,6-Tribromophenol	75	81.6	109		15 (44)	110 (137)
		Terphenyl-d14	50	46.5	93		30 (42)	130 (152)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026078.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170424BS	Benzaldehyde	50	32.3	ug/L	65				20 (10)	160 (162)	
	Phenol	50	46.6	ug/L	93				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	41.7	ug/L	83				70 (62)	130 (103)	
	2-Chlorophenol	50	47.9	ug/L	96				70 (70)	130 (117)	
	2-Methylphenol	50	48.1	ug/L	96				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	38.4	ug/L	77				70 (65)	130 (100)	
	Acetophenone	50	47.6	ug/L	95				70 (60)	130 (104)	
	3+4-Methylphenols	50	47.9	ug/L	96				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	44.5	ug/L	89				70 (57)	130 (107)	
	Hexachloroethane	50	43.4	ug/L	87				20 (76)	160 (118)	
	Nitrobenzene	50	44.6	ug/L	89				70 (58)	130 (106)	
	Isophorone	50	44.2	ug/L	88				70 (61)	130 (102)	
	2-Nitrophenol	50	59.5	ug/L	119				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	52.0	ug/L	104				70 (42)	130 (142)	
	bis(2-Chloroethoxy)methane	50	43.4	ug/L	87				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	50.0	ug/L	100				70 (66)	130 (115)	
	Naphthalene	50	41.9	ug/L	84				70 (64)	130 (107)	
	4-Chloroaniline	50	29.8	ug/L	60		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	42.1	ug/L	84				70 (69)	130 (101)	
	Caprolactam	50	54.1	ug/L	108				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	52.4	ug/L	105				70 (65)	130 (114)	
	2-Methylnaphthalene	50	39.6	ug/L	79				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	120	ug/L	120				20 (36)	160 (160)	
	2,4,6-Trichlorophenol	50	51.4	ug/L	103				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	50.4	ug/L	101				70 (70)	130 (106)	
	1,1-Biphenyl	50	46.8	ug/L	94				70 (72)	130 (98)	
	2-Chloronaphthalene	50	41.3	ug/L	83				70 (59)	130 (106)	
	2-Nitroaniline	50	49.0	ug/L	98				70 (73)	130 (114)	
	Dimethylphthalate	50	46.9	ug/L	94				70 (64)	130 (103)	
	Acenaphthylene	50	50.0	ug/L	100				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	53.2	ug/L	106				70 (64)	130 (110)	
	3-Nitroaniline	50	38.2	ug/L	76				70 (28)	130 (100)	
	Acenaphthene	50	40.5	ug/L	81				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	110	ug/L	110				20 (36)	160 (166)	
	4-Nitrophenol	100	110	ug/L	110				20 (45)	160 (147)	
	Dibenzofuran	50	43.9	ug/L	88				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	53.2	ug/L	106				70 (60)	130 (115)	
	Diethylphthalate	50	47.7	ug/L	95				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	44.2	ug/L	88				70 (61)	130 (104)	
	Fluorene	50	45.1	ug/L	90				70 (64)	130 (107)	
	4-Nitroaniline	50	53.1	ug/L	106				70 (55)	130 (125)	
	4,6-Dinitro-2-methylphenol	50	57.8	ug/L	116				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	43.7	ug/L	87				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	43.3	ug/L	87				70 (73)	130 (103)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026078.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170424BS	Hexachlorobenzene	50	44.3	ug/L	89				70 (73)	130 (106)	
	Atrazine	50	50.8	ug/L	102				70 (76)	130 (120)	
	Pentachlorophenol	100	120	ug/L	120				20 (47)	160 (114)	
	Phenanthrene	50	43.1	ug/L	86				70 (62)	130 (109)	
	Anthracene	50	44.3	ug/L	89				70 (65)	130 (110)	
	Carbazole	50	45.9	ug/L	92				70 (62)	130 (106)	
	Di-n-butylphthalate	50	49.2	ug/L	98				70 (64)	130 (106)	
	Fluoranthene	50	46.3	ug/L	93				70 (64)	130 (110)	
	Pyrene	50	43.7	ug/L	87				70 (71)	130 (103)	
	Butylbenzylphthalate	50	52.6	ug/L	105				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	39.4	ug/L	79				70 (43)	130 (108)	
	Benzo(a)anthracene	50	44.1	ug/L	88				70 (62)	130 (107)	
	Chrysene	50	42.8	ug/L	86				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	48.9	ug/L	98				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	58.0	ug/L	116				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	47.0	ug/L	94				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	45.4	ug/L	91				70 (77)	130 (105)	
	Benzo(a)pyrene	50	48.9	ug/L	98				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	47.5	ug/L	95				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	48.3	ug/L	97				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	49.0	ug/L	98				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	44.7	ug/L	89				70 (72)	130 (101)	
	1,4-Dioxane	50	33.5	ug/L	67				20 (38)	160 (125)	
	2,3,4,6-Tetrachlorophenol	50	57.8	ug/L	116				70 (63)	130 (116)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026079.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170424BSD	Benzaldehyde	50	32.9	ug/L	66	2			20 (10)	160 (162)	20 (20)
	Phenol	50	47.0	ug/L	94	1			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	41.7	ug/L	83	0			70 (62)	130 (103)	20 (20)
	2-Chlorophenol	50	48.7	ug/L	97	2			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	49.2	ug/L	98	2			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	39.3	ug/L	79	2			70 (65)	130 (100)	20 (20)
	Acetophenone	50	47.3	ug/L	95	1			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	49.0	ug/L	98	2			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	45.4	ug/L	91	2			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	43.7	ug/L	87	1			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	44.5	ug/L	89	0			70 (58)	130 (106)	20 (20)
	Isophorone	50	43.9	ug/L	88	1			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	60.8	ug/L	122	2			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	51.8	ug/L	104	0			70 (42)	130 (142)	20 (20)
	bis(2-Chloroethoxy)methane	50	43.5	ug/L	87	0			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	50.6	ug/L	101	1			70 (66)	130 (115)	20 (20)
	Naphthalene	50	41.9	ug/L	84	0			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	29.5	ug/L	59	1	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	42.0	ug/L	84	0			70 (69)	130 (101)	20 (20)
	Caprolactam	50	53.5	ug/L	107	1			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	52.7	ug/L	105	1			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	39.9	ug/L	80	1			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	120	ug/L	120	0			20 (36)	160 (160)	20 (20)
	2,4,6-Trichlorophenol	50	52.0	ug/L	104	1			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	51.3	ug/L	103	2			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	46.7	ug/L	93	0			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	41.1	ug/L	82	0			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	49.7	ug/L	99	1			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	47.1	ug/L	94	0			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	48.6	ug/L	97	3			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	53.9	ug/L	108	1			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	38.7	ug/L	77	1			70 (28)	130 (100)	20 (20)
	Acenaphthene	50	40.9	ug/L	82	1			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	110	ug/L	110	0			20 (36)	160 (166)	20 (20)
	4-Nitrophenol	100	100	ug/L	100	10			20 (45)	160 (147)	20 (20)
	Dibenzofuran	50	43.6	ug/L	87	1			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	52.4	ug/L	105	2			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	47.6	ug/L	95	0			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	43.7	ug/L	87	1			70 (61)	130 (104)	20 (20)
	Fluorene	50	44.1	ug/L	88	2			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	51.9	ug/L	104	2			70 (55)	130 (125)	20 (20)
	4,6-Dinitro-2-methylphenol	50	59.5	ug/L	119	3			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	43.9	ug/L	88	0			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	44.1	ug/L	88	2			70 (73)	130 (103)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026079.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170424BSD	Hexachlorobenzene	50	44.4	ug/L	89	0			70 (73)	130 (106)	20 (20)
	Atrazine	50	50.4	ug/L	101	1			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	120	ug/L	120	0			20 (47)	160 (114)	20 (20)
	Phenanthrene	50	42.3	ug/L	85	2			70 (62)	130 (109)	20 (20)
	Anthracene	50	44.3	ug/L	89	0			70 (65)	130 (110)	20 (20)
	Carbazole	50	44.5	ug/L	89	3			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	49.1	ug/L	98	0			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	44.8	ug/L	90	3			70 (64)	130 (110)	20 (20)
	Pyrene	50	45.2	ug/L	90	3			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	53.9	ug/L	108	2			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	39.9	ug/L	80	1			70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	43.5	ug/L	87	1			70 (62)	130 (107)	20 (20)
	Chrysene	50	43.8	ug/L	88	2			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	50.1	ug/L	100	2			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	59.3	ug/L	119	2			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	47.1	ug/L	94	0			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	45.2	ug/L	90	0			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	48.2	ug/L	96	1			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	47.1	ug/L	94	1			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	48.0	ug/L	96	1			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	49.0	ug/L	98	0			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	45.4	ug/L	91	2			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	32.9	ug/L	66	2			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	57.8	ug/L	116	0			70 (63)	130 (116)	20 (20)

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170424BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3534

Lab File ID: BP026077.D | Lab Sample ID: PB170424BL

Instrument ID: BNA_P | Date Extracted: 11/06/2025

Matrix: (soil/water) Water | Date Analyzed: 11/06/2025

Level: (low/med) LOW | Time Analyzed: 14:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170424BS	PB170424BS	BP026078.D	11/06/2025
PB170424BSD	PB170424BSD	BP026079.D	11/06/2025
FB-1	Q3534-09	BP026080.D	11/06/2025
EB-1	Q3534-10	BP026081.D	11/06/2025
MW-11	Q3534-03	BP026082.D	11/06/2025
MW-5	Q3534-04	BP026083.D	11/06/2025
MW-EB-2	Q3534-06	BP026084.D	11/06/2025
MW-1	Q3534-02	BF144191.D	11/06/2025
MW-EB-1	Q3534-05	BF144192.D	11/06/2025
MW-EB-3	Q3534-07	BG064706.D	11/06/2025
MW-6	Q3534-01	BG064711.D	11/06/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

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.: Q3534

Lab File ID: BF144179.D DFTPP Injection Date: 11/06/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.4) 1
69	Mass 69 relative abundance	23.2
70	Less than 2.0% of mass 69	0.0 (0.0) 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	5.2
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF144180.D	11/06/2025	11:13
MW-1	Q3534-02	BF144191.D	11/06/2025	16:54
MW-EB-1	Q3534-05	BF144192.D	11/06/2025	17:24

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Lab File ID: BG064568.D DFTPP Injection Date: 10/24/2025

Instrument ID: BNA_G DFTPP Injection Time: 08:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.1 (0.2) 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	7.2
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	92.7
443	15.0 - 24.0% of mass 442	17.5 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064569.D	10/24/2025	09:00
SSTDICC005	SSTDICC005	BG064570.D	10/24/2025	09:41
SSTDICC010	SSTDICC010	BG064571.D	10/24/2025	11:02
SSTDICC020	SSTDICC020	BG064572.D	10/24/2025	12:23
SSTDICCC040	SSTDICCC040	BG064573.D	10/24/2025	13:03
SSTDICC060	SSTDICC060	BG064574.D	10/24/2025	13:44
SSTDICC080	SSTDICC080	BG064575.D	10/24/2025	14:24
SSTDICC050	SSTDICC050	BG064576.D	10/24/2025	15:32

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Lab File ID: BG064698.D DFTPP Injection Date: 11/06/2025

Instrument ID: BNA_G DFTPP Injection Time: 11:32

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	29
70	Less than 2.0% of mass 69	0.1 (0.3) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
365	Greater than 1% of mass 198	5.3
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	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
SSTDCCC040	SSTDCCC040	BG064699.D	11/06/2025	12:13
MW-EB-3	Q3534-07	BG064706.D	11/06/2025	17:09
MW-6	Q3534-01	BG064711.D	11/06/2025	20:33

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

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.: Q3534

Lab File ID: BP026075.D DFTPP Injection Date: 11/06/2025

Instrument ID: BNA_P DFTPP Injection Time: 12:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	31.2
70	Less than 2.0% of mass 69	0.2 (0.5) 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	7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	84.8
443	15.0 - 24.0% of mass 442	16.4 (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
SSTDCCC040	SSTDCCC040	BP026076.D	11/06/2025	13:25
PB170424BL	PB170424BL	BP026077.D	11/06/2025	14:13
PB170424BS	PB170424BS	BP026078.D	11/06/2025	14:54
PB170424BSD	PB170424BSD	BP026079.D	11/06/2025	15:35
FB-1	Q3534-09	BP026080.D	11/06/2025	17:04
EB-1	Q3534-10	BP026081.D	11/06/2025	17:45
MW-11	Q3534-03	BP026082.D	11/06/2025	18:26
MW-5	Q3534-04	BP026083.D	11/06/2025	19:07
MW-EB-2	Q3534-06	BP026084.D	11/06/2025	19:48

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3534

Client ID : SSTDCCC040 Date Analyzed: 11/06/2025

Lab File ID: BF144180.D Time Analyzed: 11:13

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	77162	6.875	299960	8.16	175155	9.92
	UPPER LIMIT	154324	7.375	599920	8.657	350310	10.416
	LOWER LIMIT	38581	6.375	149980	7.657	87577.5	9.416
	EPA SAMPLE NO.						
01	MW-1	63903	6.88	245141	8.16	136285	9.91
02	MW-EB-1	62761	6.88	229494	8.16	120957	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.: Q3534

Client ID: SSTDCCC040 Date Analyzed: 11/06/2025

Lab File ID: BF144180.D Time Analyzed: 11:13

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	301670	11.404	184652	14.057	216041	15.539
	UPPER LIMIT	603340	11.904	369304	14.557	432082	16.039
	LOWER LIMIT	150835	10.904	92326	13.557	108021	15.039
	EPA SAMPLE NO.						
01	MW-1	213036	11.40	155402	14.05	207385	15.53
02	MW-EB-1	183106	11.40	157153	14.05	214152	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.: Q3534

Client ID : SSTDCCC040 Date Analyzed: 11/06/2025

Lab File ID: BG064699.D Time Analyzed: 12:13

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	39621	8.206	163730	11.03	142094	14.82
	UPPER LIMIT	79242	8.706	327460	11.526	284188	15.322
	LOWER LIMIT	19810.5	7.706	81865	10.526	71047	14.322
	EPA SAMPLE NO.						
01	MW-6	30988	8.20	121821	11.02	100117	14.82
02	MW-EB-3	33315	8.20	133129	11.02	109224	14.82

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.: Q3534

Client ID: SSTDCCC040 Date Analyzed: 11/06/2025

Lab File ID: BG064699.D Time Analyzed: 12:13

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	344911	17.56	295235	21.831	328268	25.157
	UPPER LIMIT	689822	18.06	590470	22.331	656536	25.657
	LOWER LIMIT	172456	17.06	147618	21.331	164134	24.657
	EPA SAMPLE NO.						
01	MW-6	237813	17.56	285660	21.83	321269	25.15
02	MW-EB-3	255947	17.56	309555	21.83	340594	25.16

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.: Q3534

Client ID : SSTDCCC040 Date Analyzed: 11/06/2025

Lab File ID: BP026076.D Time Analyzed: 13:25

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	311598	7.684	1312780	10.45	873597	14.33
	UPPER LIMIT	623196	8.184	2625560	10.954	1747190	14.825
	LOWER LIMIT	155799	7.184	656390	9.954	436799	13.825
	EPA SAMPLE NO.						
01	PB170424BL	281412	7.66	1090240	10.44	699934	14.31
02	PB170424BS	267481	7.68	1101030	10.45	743151	14.32
03	PB170424BSD	300293	7.68	1260020	10.45	853804	14.33
04	MW-11	246596	7.68	961848	10.45	600974	14.32
05	MW-5	318473	7.68	1283460	10.45	829933	14.32
06	MW-EB-2	311269	7.68	1204040	10.45	734309	14.32
07	FB-1	311794	7.68	1217060	10.44	769070	14.31
08	EB-1	277359	7.68	1074840	10.45	656338	14.32

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.: Q3534

Client ID: SSTDCCC040 Date Analyzed: 11/06/2025

Lab File ID: BP026076.D Time Analyzed: 13:25

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	1797850	17.142	1874910	21.583	2126000	24.918
	UPPER LIMIT	3595700	17.642	3749820	22.083	4252000	25.418
	LOWER LIMIT	898925	16.642	937455	21.083	1063000	24.418
	EPA SAMPLE NO.						
01	PB170424BL	1528540	17.14	1747810	21.59	1979390	24.94
02	PB170424BS	1605700	17.14	1768370	21.59	1900240	24.92
03	PB170424BSD	1821990	17.13	1872000	21.57	1998600	24.90
04	MW-11	1364170	17.13	1768110	21.58	2046410	24.91
05	MW-5	1657810	17.14	1728940	21.58	2004700	24.90
06	MW-EB-2	1476010	17.13	1673940	21.57	1952860	24.90
07	FB-1	1563790	17.12	1705420	21.57	2009790	24.89
08	EB-1	1338850	17.13	1519420	21.57	1841620	24.90

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: **BP026077.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:	PB170424BL	SDG No.:	Q3534
Lab Sample ID:	PB170424BL	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: 11/06/25		

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	11/06/25 14:13	PB170424
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/06/25 14:13	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/06/25 14:13	PB170424
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/06/25 14:13	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/06/25 14:13	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/06/25 14:13	PB170424
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/06/25 14:13	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/06/25 14:13	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/06/25 14:13	PB170424
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/06/25 14:13	PB170424
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/06/25 14:13	PB170424
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/06/25 14:13	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/06/25 14:13	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/06/25 14:13	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/06/25 14:13	PB170424
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/06/25 14:13	PB170424
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/06/25 14:13	PB170424
106-47-8	4-Chloroaniline	0.84	U	1	0.84	5.00	ug/L	11/06/25 14:13	PB170424
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/06/25 14:13	PB170424
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/06/25 14:13	PB170424
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/06/25 14:13	PB170424
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/06/25 14:13	PB170424
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/06/25 14:13	PB170424
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/06/25 14:13	PB170424
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/06/25 14:13	PB170424
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/06/25 14:13	PB170424
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/06/25 14:13	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/06/25 14:13	PB170424
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/06/25 14:13	PB170424
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/06/25 14:13	PB170424
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/06/25 14:13	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/06/25 14:13	PB170424
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/06/25 14:13	PB170424
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/06/25 14:13	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/06/25 14:13	PB170424
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/06/25 14:13	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/06/25 14:13	PB170424
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/06/25 14:13	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/06/25 14:13	PB170424
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/06/25 14:13	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/06/25 14:13	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/06/25 14:13	PB170424

Raw Data: **BP026077.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:	PB170424BL			SDG No.:	Q3534
Lab Sample ID:	PB170424BL			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:	11/06/25		

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	11/06/25 14:13	PB170424
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/06/25 14:13	PB170424
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 14:13	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/06/25 14:13	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/06/25 14:13	PB170424
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 14:13	PB170424
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/06/25 14:13	PB170424
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/06/25 14:13	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/06/25 14:13	PB170424
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/06/25 14:13	PB170424
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 14:13	PB170424
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/06/25 14:13	PB170424
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/06/25 14:13	PB170424
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/06/25 14:13	PB170424
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/06/25 14:13	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/06/25 14:13	PB170424
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/06/25 14:13	PB170424
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/06/25 14:13	PB170424
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/06/25 14:13	PB170424
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/06/25 14:13	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/06/25 14:13	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/06/25 14:13	PB170424
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/06/25 14:13	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 14:13	PB170424
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/06/25 14:13	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/06/25 14:13	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	138			15 (23) - 110 (138)	92%	SPK: 150		
13127-88-3	Phenol-d6	133			15 (10) - 110 (134)	89%	SPK: 150		
4165-60-0	Nitrobenzene-d5	93.5			30 (67) - 130 (132)	94%	SPK: 100		
321-60-8	2-Fluorobiphenyl	83.6			30 (52) - 130 (132)	84%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	169	*		15 (44) - 110 (137)	113%	SPK: 150		
1718-51-0	Terphenyl-d14	89.5			30 (42) - 130 (152)	90%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	281000							
1146-65-2	Naphthalene-d8	1090000							
15067-26-2	Acenaphthene-d10	700000							
1517-22-2	Phenanthrene-d10	1530000							
1719-03-5	Chrysene-d12	1750000							
1520-96-3	Perylene-d12	1980000							

Raw Data: **BP026077.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:	PB170424BL			SDG No.:	Q3534
Lab Sample ID:	PB170424BL			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:	11/06/25		

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: **BP026078.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:	PB170424BS	SDG No.:	Q3534
Lab Sample ID:	PB170424BS	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: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	32.3		1	3.90	10.0	ug/L	11/06/25 14:54	PB170424
108-95-2	Phenol	46.6		1	0.91	5.00	ug/L	11/06/25 14:54	PB170424
111-44-4	bis(2-Chloroethyl)ether	41.7		1	0.81	5.00	ug/L	11/06/25 14:54	PB170424
95-57-8	2-Chlorophenol	47.9		1	0.58	5.00	ug/L	11/06/25 14:54	PB170424
95-48-7	2-Methylphenol	48.1		1	1.10	5.00	ug/L	11/06/25 14:54	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	38.4		1	1.30	5.00	ug/L	11/06/25 14:54	PB170424
98-86-2	Acetophenone	47.6		1	0.74	5.00	ug/L	11/06/25 14:54	PB170424
65794-96-9	3+4-Methylphenols	47.9		1	1.10	10.0	ug/L	11/06/25 14:54	PB170424
621-64-7	n-Nitroso-di-n-propylamine	44.5		1	1.40	2.50	ug/L	11/06/25 14:54	PB170424
67-72-1	Hexachloroethane	43.4		1	0.65	5.00	ug/L	11/06/25 14:54	PB170424
98-95-3	Nitrobenzene	44.6		1	0.76	5.00	ug/L	11/06/25 14:54	PB170424
78-59-1	Isophorone	44.2		1	0.75	5.00	ug/L	11/06/25 14:54	PB170424
88-75-5	2-Nitrophenol	59.5		1	1.80	5.00	ug/L	11/06/25 14:54	PB170424
105-67-9	2,4-Dimethylphenol	52.0		1	1.90	5.00	ug/L	11/06/25 14:54	PB170424
111-91-1	bis(2-Chloroethoxy)methane	43.4		1	0.68	5.00	ug/L	11/06/25 14:54	PB170424
120-83-2	2,4-Dichlorophenol	50.0		1	0.52	5.00	ug/L	11/06/25 14:54	PB170424
91-20-3	Naphthalene	41.9		1	0.50	5.00	ug/L	11/06/25 14:54	PB170424
106-47-8	4-Chloroaniline	29.8		1	0.84	5.00	ug/L	11/06/25 14:54	PB170424
87-68-3	Hexachlorobutadiene	42.1		1	0.54	5.00	ug/L	11/06/25 14:54	PB170424
105-60-2	Caprolactam	54.1		1	1.10	10.0	ug/L	11/06/25 14:54	PB170424
59-50-7	4-Chloro-3-methylphenol	52.4		1	0.59	5.00	ug/L	11/06/25 14:54	PB170424
91-57-6	2-Methylnaphthalene	39.6		1	0.56	5.00	ug/L	11/06/25 14:54	PB170424
77-47-4	Hexachlorocyclopentadiene	120	E	1	3.60	10.0	ug/L	11/06/25 14:54	PB170424
88-06-2	2,4,6-Trichlorophenol	51.4		1	0.51	5.00	ug/L	11/06/25 14:54	PB170424
95-95-4	2,4,5-Trichlorophenol	50.4		1	0.62	5.00	ug/L	11/06/25 14:54	PB170424
92-52-4	1,1-Biphenyl	46.8		1	0.53	5.00	ug/L	11/06/25 14:54	PB170424
91-58-7	2-Chloronaphthalene	41.3		1	0.61	5.00	ug/L	11/06/25 14:54	PB170424
88-74-4	2-Nitroaniline	49.0		1	1.30	5.00	ug/L	11/06/25 14:54	PB170424
131-11-3	Dimethylphthalate	46.9		1	0.61	5.00	ug/L	11/06/25 14:54	PB170424
208-96-8	Acenaphthylene	50.0		1	0.75	5.00	ug/L	11/06/25 14:54	PB170424
606-20-2	2,6-Dinitrotoluene	53.2		1	0.92	5.00	ug/L	11/06/25 14:54	PB170424
99-09-2	3-Nitroaniline	38.2		1	1.10	5.00	ug/L	11/06/25 14:54	PB170424
83-32-9	Acenaphthene	40.5		1	0.55	5.00	ug/L	11/06/25 14:54	PB170424
51-28-5	2,4-Dinitrophenol	110	E	1	6.00	10.0	ug/L	11/06/25 14:54	PB170424
100-02-7	4-Nitrophenol	110	E	1	2.40	10.0	ug/L	11/06/25 14:54	PB170424
132-64-9	Dibenzofuran	43.9		1	0.61	5.00	ug/L	11/06/25 14:54	PB170424
121-14-2	2,4-Dinitrotoluene	53.2		1	1.20	5.00	ug/L	11/06/25 14:54	PB170424
84-66-2	Diethylphthalate	47.7		1	0.69	5.00	ug/L	11/06/25 14:54	PB170424
7005-72-3	4-Chlorophenyl-phenylether	44.2		1	0.68	5.00	ug/L	11/06/25 14:54	PB170424
86-73-7	Fluorene	45.1		1	0.63	5.00	ug/L	11/06/25 14:54	PB170424
100-01-6	4-Nitroaniline	53.1		1	1.50	5.00	ug/L	11/06/25 14:54	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	57.8		1	2.90	10.0	ug/L	11/06/25 14:54	PB170424

Raw Data: **BP026078.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:	PB170424BS			SDG No.:	Q3534
Lab Sample ID:	PB170424BS			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:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	43.7		1	0.58	5.00	ug/L	11/06/25 14:54	PB170424
101-55-3	4-Bromophenyl-phenylether	43.3		1	0.40	5.00	ug/L	11/06/25 14:54	PB170424
118-74-1	Hexachlorobenzene	44.3		1	0.52	5.00	ug/L	11/06/25 14:54	PB170424
1912-24-9	Atrazine	50.8		1	1.00	5.00	ug/L	11/06/25 14:54	PB170424
87-86-5	Pentachlorophenol	120	E	1	1.60	10.0	ug/L	11/06/25 14:54	PB170424
85-01-8	Phenanthrene	43.1		1	0.50	5.00	ug/L	11/06/25 14:54	PB170424
120-12-7	Anthracene	44.3		1	0.61	5.00	ug/L	11/06/25 14:54	PB170424
86-74-8	Carbazole	45.9		1	0.72	5.00	ug/L	11/06/25 14:54	PB170424
84-74-2	Di-n-butylphthalate	49.2		1	1.20	5.00	ug/L	11/06/25 14:54	PB170424
206-44-0	Fluoranthene	46.3		1	0.82	5.00	ug/L	11/06/25 14:54	PB170424
129-00-0	Pyrene	43.7		1	0.50	5.00	ug/L	11/06/25 14:54	PB170424
85-68-7	Butylbenzylphthalate	52.6		1	1.90	5.00	ug/L	11/06/25 14:54	PB170424
91-94-1	3,3-Dichlorobenzidine	39.4		1	0.93	10.0	ug/L	11/06/25 14:54	PB170424
56-55-3	Benzo(a)anthracene	44.1		1	0.45	5.00	ug/L	11/06/25 14:54	PB170424
218-01-9	Chrysene	42.8		1	0.44	5.00	ug/L	11/06/25 14:54	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	48.9		1	1.60	5.00	ug/L	11/06/25 14:54	PB170424
117-84-0	Di-n-octyl phthalate	58.0		1	2.30	10.0	ug/L	11/06/25 14:54	PB170424
205-99-2	Benzo(b)fluoranthene	47.0		1	0.49	5.00	ug/L	11/06/25 14:54	PB170424
207-08-9	Benzo(k)fluoranthene	45.4		1	0.48	5.00	ug/L	11/06/25 14:54	PB170424
50-32-8	Benzo(a)pyrene	48.9		1	0.55	5.00	ug/L	11/06/25 14:54	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	47.5		1	0.59	5.00	ug/L	11/06/25 14:54	PB170424
53-70-3	Dibenzo(a,h)anthracene	48.3		1	0.67	5.00	ug/L	11/06/25 14:54	PB170424
191-24-2	Benzo(g,h,i)perylene	49.0		1	0.69	5.00	ug/L	11/06/25 14:54	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	44.7		1	0.52	5.00	ug/L	11/06/25 14:54	PB170424
123-91-1	1,4-Dioxane	33.5		1	1.00	5.00	ug/L	11/06/25 14:54	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	57.8		1	0.72	5.00	ug/L	11/06/25 14:54	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	132			15 (23) - 110 (138)	88%	SPK: 150		
13127-88-3	Phenol-d6	133			15 (10) - 110 (134)	89%	SPK: 150		
4165-60-0	Nitrobenzene-d5	85.8			30 (67) - 130 (132)	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	77.1			30 (52) - 130 (132)	77%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	157			15 (44) - 110 (137)	105%	SPK: 150		
1718-51-0	Terphenyl-d14	83.6			30 (42) - 130 (152)	84%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	267000							
1146-65-2	Naphthalene-d8	1100000							
15067-26-2	Acenaphthene-d10	743000							
1517-22-2	Phenanthrene-d10	1610000							
1719-03-5	Chrysene-d12	1770000							
1520-96-3	Perylene-d12	1900000							

Raw Data: **BP026078.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:	PB170424BS			SDG No.:	Q3534
Lab Sample ID:	PB170424BS			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:	11/06/25		

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: **BP026079.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:	PB170424BSD	SDG No.:	Q3534
Lab Sample ID:	PB170424BSD	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: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	32.9		1	3.90	10.0	ug/L	11/06/25 15:35	PB170424
108-95-2	Phenol	47.0		1	0.91	5.00	ug/L	11/06/25 15:35	PB170424
111-44-4	bis(2-Chloroethyl)ether	41.7		1	0.81	5.00	ug/L	11/06/25 15:35	PB170424
95-57-8	2-Chlorophenol	48.7		1	0.58	5.00	ug/L	11/06/25 15:35	PB170424
95-48-7	2-Methylphenol	49.2		1	1.10	5.00	ug/L	11/06/25 15:35	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	39.3		1	1.30	5.00	ug/L	11/06/25 15:35	PB170424
98-86-2	Acetophenone	47.3		1	0.74	5.00	ug/L	11/06/25 15:35	PB170424
65794-96-9	3+4-Methylphenols	49.0		1	1.10	10.0	ug/L	11/06/25 15:35	PB170424
621-64-7	n-Nitroso-di-n-propylamine	45.4		1	1.40	2.50	ug/L	11/06/25 15:35	PB170424
67-72-1	Hexachloroethane	43.7		1	0.65	5.00	ug/L	11/06/25 15:35	PB170424
98-95-3	Nitrobenzene	44.5		1	0.76	5.00	ug/L	11/06/25 15:35	PB170424
78-59-1	Isophorone	43.9		1	0.75	5.00	ug/L	11/06/25 15:35	PB170424
88-75-5	2-Nitrophenol	60.8		1	1.80	5.00	ug/L	11/06/25 15:35	PB170424
105-67-9	2,4-Dimethylphenol	51.8		1	1.90	5.00	ug/L	11/06/25 15:35	PB170424
111-91-1	bis(2-Chloroethoxy)methane	43.5		1	0.68	5.00	ug/L	11/06/25 15:35	PB170424
120-83-2	2,4-Dichlorophenol	50.6		1	0.52	5.00	ug/L	11/06/25 15:35	PB170424
91-20-3	Naphthalene	41.9		1	0.50	5.00	ug/L	11/06/25 15:35	PB170424
106-47-8	4-Chloroaniline	29.5		1	0.84	5.00	ug/L	11/06/25 15:35	PB170424
87-68-3	Hexachlorobutadiene	42.0		1	0.54	5.00	ug/L	11/06/25 15:35	PB170424
105-60-2	Caprolactam	53.5		1	1.10	10.0	ug/L	11/06/25 15:35	PB170424
59-50-7	4-Chloro-3-methylphenol	52.7		1	0.59	5.00	ug/L	11/06/25 15:35	PB170424
91-57-6	2-Methylnaphthalene	39.9		1	0.56	5.00	ug/L	11/06/25 15:35	PB170424
77-47-4	Hexachlorocyclopentadiene	120	E	1	3.60	10.0	ug/L	11/06/25 15:35	PB170424
88-06-2	2,4,6-Trichlorophenol	52.0		1	0.51	5.00	ug/L	11/06/25 15:35	PB170424
95-95-4	2,4,5-Trichlorophenol	51.3		1	0.62	5.00	ug/L	11/06/25 15:35	PB170424
92-52-4	1,1-Biphenyl	46.7		1	0.53	5.00	ug/L	11/06/25 15:35	PB170424
91-58-7	2-Chloronaphthalene	41.1		1	0.61	5.00	ug/L	11/06/25 15:35	PB170424
88-74-4	2-Nitroaniline	49.7		1	1.30	5.00	ug/L	11/06/25 15:35	PB170424
131-11-3	Dimethylphthalate	47.1		1	0.61	5.00	ug/L	11/06/25 15:35	PB170424
208-96-8	Acenaphthylene	48.6		1	0.75	5.00	ug/L	11/06/25 15:35	PB170424
606-20-2	2,6-Dinitrotoluene	53.9		1	0.92	5.00	ug/L	11/06/25 15:35	PB170424
99-09-2	3-Nitroaniline	38.7		1	1.10	5.00	ug/L	11/06/25 15:35	PB170424
83-32-9	Acenaphthene	40.9		1	0.55	5.00	ug/L	11/06/25 15:35	PB170424
51-28-5	2,4-Dinitrophenol	110	E	1	6.00	10.0	ug/L	11/06/25 15:35	PB170424
100-02-7	4-Nitrophenol	100	E	1	2.40	10.0	ug/L	11/06/25 15:35	PB170424
132-64-9	Dibenzofuran	43.6		1	0.61	5.00	ug/L	11/06/25 15:35	PB170424
121-14-2	2,4-Dinitrotoluene	52.4		1	1.20	5.00	ug/L	11/06/25 15:35	PB170424
84-66-2	Diethylphthalate	47.6		1	0.69	5.00	ug/L	11/06/25 15:35	PB170424
7005-72-3	4-Chlorophenyl-phenylether	43.7		1	0.68	5.00	ug/L	11/06/25 15:35	PB170424
86-73-7	Fluorene	44.1		1	0.63	5.00	ug/L	11/06/25 15:35	PB170424
100-01-6	4-Nitroaniline	51.9		1	1.50	5.00	ug/L	11/06/25 15:35	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	59.5		1	2.90	10.0	ug/L	11/06/25 15:35	PB170424

Raw Data: **BP026079.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:	PB170424BSD			SDG No.:	Q3534
Lab Sample ID:	PB170424BSD			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:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	43.9		1	0.58	5.00	ug/L	11/06/25 15:35	PB170424
101-55-3	4-Bromophenyl-phenylether	44.1		1	0.40	5.00	ug/L	11/06/25 15:35	PB170424
118-74-1	Hexachlorobenzene	44.4		1	0.52	5.00	ug/L	11/06/25 15:35	PB170424
1912-24-9	Atrazine	50.4		1	1.00	5.00	ug/L	11/06/25 15:35	PB170424
87-86-5	Pentachlorophenol	120	E	1	1.60	10.0	ug/L	11/06/25 15:35	PB170424
85-01-8	Phenanthrene	42.3		1	0.50	5.00	ug/L	11/06/25 15:35	PB170424
120-12-7	Anthracene	44.3		1	0.61	5.00	ug/L	11/06/25 15:35	PB170424
86-74-8	Carbazole	44.5		1	0.72	5.00	ug/L	11/06/25 15:35	PB170424
84-74-2	Di-n-butylphthalate	49.1		1	1.20	5.00	ug/L	11/06/25 15:35	PB170424
206-44-0	Fluoranthene	44.8		1	0.82	5.00	ug/L	11/06/25 15:35	PB170424
129-00-0	Pyrene	45.2		1	0.50	5.00	ug/L	11/06/25 15:35	PB170424
85-68-7	Butylbenzylphthalate	53.9		1	1.90	5.00	ug/L	11/06/25 15:35	PB170424
91-94-1	3,3-Dichlorobenzidine	39.9		1	0.93	10.0	ug/L	11/06/25 15:35	PB170424
56-55-3	Benzo(a)anthracene	43.5		1	0.45	5.00	ug/L	11/06/25 15:35	PB170424
218-01-9	Chrysene	43.8		1	0.44	5.00	ug/L	11/06/25 15:35	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	50.1		1	1.60	5.00	ug/L	11/06/25 15:35	PB170424
117-84-0	Di-n-octyl phthalate	59.3		1	2.30	10.0	ug/L	11/06/25 15:35	PB170424
205-99-2	Benzo(b)fluoranthene	47.1		1	0.49	5.00	ug/L	11/06/25 15:35	PB170424
207-08-9	Benzo(k)fluoranthene	45.2		1	0.48	5.00	ug/L	11/06/25 15:35	PB170424
50-32-8	Benzo(a)pyrene	48.2		1	0.55	5.00	ug/L	11/06/25 15:35	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	47.1		1	0.59	5.00	ug/L	11/06/25 15:35	PB170424
53-70-3	Dibenzo(a,h)anthracene	48.0		1	0.67	5.00	ug/L	11/06/25 15:35	PB170424
191-24-2	Benzo(g,h,i)perylene	49.0		1	0.69	5.00	ug/L	11/06/25 15:35	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	45.4		1	0.52	5.00	ug/L	11/06/25 15:35	PB170424
123-91-1	1,4-Dioxane	32.9		1	1.00	5.00	ug/L	11/06/25 15:35	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	57.8		1	0.72	5.00	ug/L	11/06/25 15:35	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	132			15 (23) - 110 (138)	88%	SPK: 150		
13127-88-3	Phenol-d6	134			15 (10) - 110 (134)	90%	SPK: 150		
4165-60-0	Nitrobenzene-d5	86.1			30 (67) - 130 (132)	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	76.6			30 (52) - 130 (132)	77%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	155			15 (44) - 110 (137)	103%	SPK: 150		
1718-51-0	Terphenyl-d14	85.0			30 (42) - 130 (152)	85%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	300000							
1146-65-2	Naphthalene-d8	1260000							
15067-26-2	Acenaphthene-d10	854000							
1517-22-2	Phenanthrene-d10	1820000							
1719-03-5	Chrysene-d12	1870000							
1520-96-3	Perylene-d12	2000000							

Raw Data: **BP026079.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:	PB170424BSD			SDG No.:	Q3534
Lab Sample ID:	PB170424BSD			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:	11/06/25		

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 GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Nov 03 18:16:26 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064569.D 5 =BG064570.D 10 =BG064571.D 20 =BG064572.D 40 =BG064573.D 50 =BG064576.D 60 =BG064574.D 80 =BG0645
75.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.570	0.581	0.524	0.525	0.474	0.559	0.460	0.528	8.85
3)		Pyridine		1.630	1.608	1.552	1.669	1.471	1.733	1.427	1.584	6.84
4)		n-Nitrosodimet...			0.912	0.807	0.900	0.780	0.921	0.776	0.850	8.08
5)	S	2-Fluorophenol		1.098	1.207	1.155	1.292	1.139	1.318	1.132	1.192	7.09
6)		Aniline		2.203	2.320	2.131	2.386	2.090	2.440	2.004	2.225	7.28
7)	S	Phenol-d6		1.469	1.654	1.566	1.771	1.597	1.864	1.524	1.635	8.55
8)		2-Chlorophenol		1.051	1.207	1.197	1.373	1.225	1.461	1.216	1.247	10.65
9)		Benzaldehyde			0.942	0.994	0.940	0.836	0.981	0.662	0.893	14.09
10)	C	Phenol		1.665	1.820	1.748	1.944	1.761	2.027	1.693	1.808	7.36
11)		bis(2-Chloroet...		1.307	1.409	1.292	1.383	1.273	1.443	1.198	1.329	6.47
12)		1,3-Dichlorobe...		1.435	1.516	1.394	1.520	1.342	1.542	1.299	1.435	6.62
13)	C	1,4-Dichlorobe...		1.431	1.546	1.442	1.534	1.381	1.561	1.323	1.460	6.21
14)		1,2-Dichlorobe...		1.371	1.518	1.364	1.483	1.316	1.520	1.283	1.408	6.97
15)		Benzyl Alcohol			1.281	1.263	1.425	1.306	1.533	1.283	1.348	7.97
16)		2,2'-oxybis(1-...		3.421	3.604	3.396	3.733	3.301	3.802	3.154	3.487	6.74
17)		2-Methylphenol		1.103	1.225	1.178	1.273	1.159	1.345	1.120	1.201	7.22
18)		Hexachloroethane		0.468	0.535	0.505	0.541	0.496	0.557	0.483	0.512	6.41
19)	P	n-Nitroso-di-n...	1.044	1.038	1.141	1.129	1.227	1.115	1.289	1.057	1.130	7.93
20)		3+4-Methylphenols			1.652	1.581	1.818	1.612	1.895	1.571	1.688	8.04
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.535	0.565	0.528	0.584	0.516	0.590	0.509	0.547	6.04
23)	S	Nitrobenzene-d5		0.239	0.286	0.314	0.377	0.356	0.403	0.356	0.333	17.02
24)		Nitrobenzene		0.274	0.312	0.344	0.410	0.377	0.438	0.380	0.362	15.64
25)		Isophorone		0.751	0.796	0.771	0.869	0.764	0.891	0.751	0.799	7.25
26)	C	2-Nitrophenol		0.076	0.095	0.110	0.137	0.135	0.152	0.144	0.121	23.20
27)		2,4-Dimethylph...		0.236	0.294	0.285	0.335	0.297	0.343	0.290	0.297	11.93
28)		bis(2-Chloroet...		0.452	0.464	0.443	0.490	0.426	0.493	0.417	0.455	6.48
29)	C	2,4-Dichloroph...		0.243	0.299	0.315	0.360	0.327	0.373	0.322	0.320	13.34
30)		1,2,4-Trichlor...		0.338	0.369	0.348	0.391	0.349	0.399	0.349	0.363	6.44
31)		Naphthalene		1.083	1.144	1.084	1.177	1.036	1.201	1.037	1.109	5.96
32)		Benzoic acid			0.142	0.164	0.223	0.215	0.260	0.237	0.207	21.74
33)		4-Chloroaniline		0.390	0.456	0.411	0.459	0.410	0.486	0.405	0.431	8.29
34)	C	Hexachlorobuta...		0.266	0.291	0.282	0.299	0.271	0.306	0.273	0.284	5.33
35)		Caprolactam			0.112	0.114	0.134	0.118	0.142	0.116	0.123	9.85
36)	C	4-Chloro-3-met...		0.323	0.381	0.361	0.426	0.376	0.454	0.370	0.384	11.18
37)		2-Methylnaphth...		0.764	0.858	0.797	0.865	0.772	0.888	0.755	0.814	6.74
38)		1-Methylnaphth...		0.798	0.849	0.776	0.853	0.752	0.878	0.735	0.806	6.85

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Method File : 8270-BG102425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.657	0.684	0.648	0.702	0.633	0.717	0.657	0.671	4.55
41)	P	Hexachlorocycl...		0.268	0.279	0.324	0.297	0.340	0.305	0.302	8.97
42)	S	2,4,6-Tribromo...	0.221	0.266	0.272	0.318	0.292	0.346	0.306	0.289	14.04
43)	C	2,4,6-Trichlor...	0.294	0.333	0.375	0.423	0.399	0.456	0.408	0.384	14.41
44)		2,4,5-Trichlor...	0.339	0.425	0.439	0.484	0.443	0.517	0.454	0.443	12.48
45)	S	2-Fluorobiphenyl	1.310	1.389	1.306	1.384	1.235	1.384	1.228	1.319	5.24
46)		1,1'-Biphenyl	1.456	1.450	1.401	1.489	1.326	1.498	1.333	1.422	4.98
47)		2-Chloronaphth...	1.065	1.082	1.053	1.132	1.013	1.145	1.023	1.073	4.71
48)		2-Nitroaniline	0.201	0.234	0.277	0.348	0.343	0.404	0.367	0.311	24.06
49)		Acenaphthylene	1.667	1.726	1.647	1.786	1.593	1.827	1.604	1.693	5.30
50)		Dimethylphthalate	1.389	1.570	1.488	1.641	1.462	1.699	1.462	1.530	7.21
51)		2,6-Dinitrotol...	0.127	0.180	0.193	0.247	0.244	0.283	0.254	0.218	24.69
52)	C	Acenaphthene	1.126	1.178	1.115	1.223	1.093	1.261	1.101	1.157	5.63
53)		3-Nitroaniline	0.180	0.211	0.252	0.294	0.281	0.325	0.297	0.263	19.70
54)	P	2,4-Dinitrophenol		0.086	0.110	0.137	0.139	0.165	0.154	0.132	22.11
55)		Dibenzofuran	1.881	1.972	1.826	1.963	1.734	1.988	1.725	1.870	5.96
56)	P	4-Nitrophenol		0.191	0.213	0.261	0.250	0.283	0.267	0.244	14.40
57)		2,4-Dinitrotol...	0.223	0.269	0.300	0.385	0.373	0.434	0.396	0.340	22.67
58)		Fluorene	1.471	1.559	1.426	1.531	1.356	1.549	1.329	1.460	6.38
59)		2,3,4,6-Tetrac...	0.312	0.385	0.402	0.466	0.444	0.508	0.449	0.424	15.04
60)		Diethylphthalate	1.417	1.645	1.514	1.657	1.486	1.718	1.502	1.563	7.06
61)		4-Chlorophenyl...	0.800	0.864	0.792	0.866	0.763	0.888	0.763	0.820	6.38
62)		4-Nitroaniline	0.194	0.252	0.286	0.327	0.310	0.355	0.324	0.293	18.55
63)		Azobenzene	1.362	1.504	1.377	1.538	1.338	1.564	1.353	1.434	6.80
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.055	0.064	0.083	0.083	0.097	0.093	0.079	21.00
66)	c	n-Nitrosodiphe...	0.510	0.551	0.525	0.583	0.518	0.594	0.500	0.540	6.79
67)		4-Bromophenyl-...	0.218	0.236	0.230	0.258	0.229	0.264	0.224	0.237	7.28
68)		Hexachlorobenzene	0.254	0.266	0.262	0.292	0.260	0.302	0.256	0.270	6.99
69)		Atrazine	0.215	0.227	0.249	0.245	0.219	0.261	0.211	0.232	8.27
70)	C	Pentachlorophenol		0.132	0.152	0.180	0.172	0.199	0.177	0.169	13.91
71)		Phenanthrene	1.084	1.133	1.073	1.162	1.020	1.179	1.005	1.094	6.17
72)		Anthracene	1.087	1.144	1.101	1.187	1.041	1.204	1.025	1.113	6.17
73)		Carbazole	0.982	1.037	0.982	1.031	0.910	1.028	0.897	0.981	5.90
74)		Di-n-butylphth...	1.011	1.156	1.179	1.240	1.084	1.198	1.075	1.134	7.11
75)	C	Fluoranthene	1.385	1.463	1.380	1.440	1.273	1.403	1.247	1.370	5.91
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.392	0.475	0.490	0.416	0.533	0.383	0.448	13.40
78)		Pyrene	1.287	1.331	1.284	1.411	1.233	1.406	1.196	1.307	6.24
79)	S	Terphenyl-d14	1.074	1.120	1.066	1.142	0.987	1.102	0.928	1.060	7.21
80)		Butylbenzylpht...	0.284	0.359	0.388	0.450	0.408	0.467	0.410	0.395	15.43
81)		Benzo(a)anthra...	1.294	1.355	1.292	1.416	1.253	1.430	1.243	1.326	5.71
82)		3,3'-Dichlorob...		0.418	0.428	0.477	0.424	0.486	0.424	0.443	6.88
83)		Chrysene	1.249	1.291	1.229	1.344	1.188	1.359	1.173	1.262	5.76
84)		Bis(2-ethylhex...	0.484	0.555	0.581	0.671	0.585	0.667	0.588	0.590	10.95
85)	c	Di-n-octyl pht...		0.871	0.932	1.087	0.976	1.117	0.986	0.995	9.32

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86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.383	1.491	1.410	1.568	1.396	1.642	1.410	1.471	6.80
88)		Benzo(b)fluora...	1.138	1.246	1.169	1.322	1.173	1.353	1.183	1.226	6.77
89)		Benzo(k)fluora...	1.175	1.260	1.206	1.285	1.151	1.364	1.149	1.227	6.51
90)	C	Benzo(a)pyrene	1.061	1.144	1.093	1.202	1.067	1.246	1.079	1.127	6.42
91)		Dibenzo(a,h)an...	1.120	1.223	1.158	1.268	1.130	1.324	1.143	1.195	6.55
92)		Benzo(g,h,i)pe...	1.080	1.162	1.089	1.213	1.078	1.280	1.092	1.142	6.95

(#) = 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.: Q3534

Instrument ID: BNA_F Calibration Date/Time: 11/06/2025 11:13

Lab File ID: BF144180.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	1.335		4.5	
Benzaldehyde	0.818	0.829		1.3	
Phenol-d6	1.448	1.506		4.0	
Phenol	1.769	1.823		3.1	20.0
bis(2-Chloroethyl)ether	1.289	1.333		3.4	
2-Chlorophenol	1.253	1.297		3.5	
2-Methylphenol	0.997	1.048		5.1	
2,2-oxybis(1-Chloropropane)	2.374	2.494		5.1	
Acetophenone	0.429	0.431		0.5	
3+4-Methylphenols	1.175	1.214		3.3	
n-Nitroso-di-n-propylamine	0.953	0.973	0.050	2.1	
Nitrobenzene-d5	0.346	0.359		3.8	
Hexachloroethane	0.515	0.548		6.4	
Nitrobenzene	0.376	0.386		2.7	
Isophorone	0.655	0.683		4.3	
2-Nitrophenol	0.186	0.194		4.3	20.0
2,4-Dimethylphenol	0.279	0.293		5.0	
bis(2-Chloroethoxy)methane	0.409	0.423		3.4	
2,4-Dichlorophenol	0.322	0.325		0.9	20.0
Naphthalene	0.951	0.951		0.0	
4-Chloroaniline	0.347	0.362		4.3	
Hexachlorobutadiene	0.249	0.252		1.2	20.0
Caprolactam	0.088	0.095		8.0	
4-Chloro-3-methylphenol	0.288	0.303		5.2	20.0
2-Methylnaphthalene	0.636	0.646		1.6	
Hexachlorocyclopentadiene	0.195	0.199	0.050	2.1	
2,4,6-Trichlorophenol	0.446	0.434		-2.7	20.0
2-Fluorobiphenyl	1.354	1.280		-5.5	
2,4,5-Trichlorophenol	0.481	0.477		-0.8	
1,1-Biphenyl	1.396	1.364		-2.3	
2-Chloronaphthalene	1.191	1.154		-3.1	
2-Nitroaniline	0.344	0.363		5.5	
Dimethylphthalate	1.325	1.342		1.3	
Acenaphthylene	1.623	1.621		-0.1	
2,6-Dinitrotoluene	0.268	0.284		6.0	
3-Nitroaniline	0.293	0.312		6.5	
Acenaphthene	1.085	1.054		-2.9	20.0
2,4-Dinitrophenol	0.162	0.146	0.050	-9.9	
4-Nitrophenol	0.212	0.221	0.050	4.2	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3534

Instrument ID: BNA_F Calibration Date/Time: 11/06/2025 11:13

Lab File ID: BF144180.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	1.505		-1.0	
2,4-Dinitrotoluene	0.359	0.389		8.4	
Diethylphthalate	1.221	1.265		3.6	
4-Chlorophenyl-phenylether	0.658	0.676		2.7	
Fluorene	1.156	1.160		0.3	
4-Nitroaniline	0.279	0.303		8.6	
4,6-Dinitro-2-methylphenol	0.136	0.135		-0.7	
n-Nitrosodiphenylamine	0.643	0.649		0.9	20.0
2,4,6-Tribromophenol	0.251	0.266		6.0	
4-Bromophenyl-phenylether	0.255	0.263		3.1	
Hexachlorobenzene	0.301	0.313		4.0	
Atrazine	0.205	0.207		1.0	
Pentachlorophenol	0.150	0.157		4.7	20.0
Phenanthrene	0.996	1.023		2.7	
Anthracene	1.013	1.026		1.3	
Carbazole	0.861	0.882		2.4	
Di-n-butylphthalate	1.041	1.100		5.7	
Fluoranthene	1.029	1.076		4.6	20.0
Pyrene	1.613	1.763		9.3	
Terphenyl-d14	1.259	1.373		9.1	
Butylbenzylphthalate	0.559	0.622		11.3	
3,3-Dichlorobenzidine	0.475	0.470		-1.1	
Benzo(a)anthracene	1.386	1.411		1.8	
Chrysene	1.280	1.333		4.1	
Bis(2-ethylhexyl)phthalate	0.765	0.798		4.3	
Di-n-octyl phthalate	1.320	1.296		-1.8	20.0
Benzo(b)fluoranthene	1.137	1.113		-2.1	
Benzo(k)fluoranthene	1.064	1.156		8.6	
Benzo(a)pyrene	1.049	1.084		3.3	20.0
Indeno(1,2,3-cd)pyrene	1.436	1.493		4.0	
Dibenzo(a,h)anthracene	1.153	1.196		3.7	
Benzo(g,h,i)perylene	1.139	1.197		5.1	
1,2,4,5-Tetrachlorobenzene	0.655	0.655		0.0	
1,4-Dioxane	0.528	0.558		5.7	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.: Q3534

Instrument ID: BNA_G Calibration Date/Time: 11/06/2025 12:13

Lab File ID: BG064699.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.192	1.123		-5.8	
Benzaldehyde	0.893	0.817		-8.5	
Phenol-d6	1.635	1.569		-4.0	
Phenol	1.808	1.740		-3.8	20.0
bis(2-Chloroethyl)ether	1.329	1.267		-4.7	
2-Chlorophenol	1.247	1.315		5.5	
2-Methylphenol	1.201	1.251		4.2	
2,2-oxybis(1-Chloropropane)	3.487	3.278		-6.0	
Acetophenone	0.547	0.557		1.8	
3+4-Methylphenols	1.688	1.777		5.3	
n-Nitroso-di-n-propylamine	1.130	1.186	0.050	5.0	
Nitrobenzene-d5	0.333	0.418		25.5	
Hexachloroethane	0.512	0.541		5.7	
Nitrobenzene	0.362	0.429		18.5	
Isophorone	0.799	0.823		3.0	
2-Nitrophenol	0.121	0.193		59.5	20.0
2,4-Dimethylphenol	0.297	0.312		5.1	
bis(2-Chloroethoxy)methane	0.455	0.457		0.4	
2,4-Dichlorophenol	0.320	0.382		19.4	20.0
Naphthalene	1.109	1.158		4.4	
4-Chloroaniline	0.431	0.452		4.9	
Hexachlorobutadiene	0.284	0.342		20.4	20.0
Caprolactam	0.123	0.121		-1.6	
4-Chloro-3-methylphenol	0.384	0.438		14.1	20.0
2-Methylnaphthalene	0.814	0.890		9.3	
Hexachlorocyclopentadiene	0.302	0.351	0.050	16.2	
2,4,6-Trichlorophenol	0.384	0.464		20.8	20.0
2-Fluorobiphenyl	1.319	1.387		5.2	
2,4,5-Trichlorophenol	0.443	0.522		17.8	
1,1-Biphenyl	1.422	1.439		1.2	
2-Chloronaphthalene	1.073	1.129		5.2	
2-Nitroaniline	0.311	0.400		28.6	
Dimethylphthalate	1.530	1.590		3.9	
Acenaphthylene	1.693	1.721		1.7	
2,6-Dinitrotoluene	0.218	0.309		41.7	
3-Nitroaniline	0.263	0.315		19.8	
Acenaphthene	1.157	1.196		3.4	20.0
2,4-Dinitrophenol	0.132	0.141	0.050	6.8	
4-Nitrophenol	0.244	0.196	0.050	-19.7	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3534

Instrument ID: BNA_G Calibration Date/Time: 11/06/2025 12:13

Lab File ID: BG064699.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.870	1.918		2.6	
2,4-Dinitrotoluene	0.340	0.472		38.8	
Diethylphthalate	1.563	1.597		2.2	
4-Chlorophenyl-phenylether	0.820	0.923		12.6	
Fluorene	1.460	1.525		4.5	
4-Nitroaniline	0.293	0.304		3.8	
4,6-Dinitro-2-methylphenol	0.079	0.111		40.5	
n-Nitrosodiphenylamine	0.540	0.569		5.4	20.0
2,4,6-Tribromophenol	0.289	0.381		31.8	
4-Bromophenyl-phenylether	0.237	0.283		19.4	
Hexachlorobenzene	0.270	0.323		19.6	
Atrazine	0.232	0.235		1.3	
Pentachlorophenol	0.169	0.200		18.3	20.0
Phenanthrene	1.094	1.124		2.7	
Anthracene	1.113	1.125		1.1	
Carbazole	0.981	0.854		-12.9	
Di-n-butylphthalate	1.135	1.066		-6.1	
Fluoranthene	1.370	1.198		-12.6	20.0
Pyrene	1.307	1.403		7.3	
Terphenyl-d14	1.060	1.177		11.0	
Butylbenzylphthalate	0.395	0.418		5.8	
3,3-Dichlorobenzidine	0.443	0.478		7.9	
Benzo(a)anthracene	1.326	1.382		4.2	
Chrysene	1.262	1.305		3.4	
Bis(2-ethylhexyl)phthalate	0.590	0.603		2.2	
Di-n-octyl phthalate	0.995	1.058		6.3	20.0
Benzo(b)fluoranthene	1.226	1.275		4.0	
Benzo(k)fluoranthene	1.227	1.271		3.6	
Benzo(a)pyrene	1.127	1.177		4.4	20.0
Indeno(1,2,3-cd)pyrene	1.471	1.532		4.1	
Dibenzo(a,h)anthracene	1.195	1.261		5.5	
Benzo(g,h,i)perylene	1.142	1.198		4.9	
1,2,4,5-Tetrachlorobenzene	0.671	0.752		12.1	
1,4-Dioxane	0.528	0.427		-19.1	20.0
2,3,4,6-Tetrachlorophenol	0.424	0.518		22.2	

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.: Q3534

Instrument ID: BNA_P Calibration Date/Time: 11/06/2025 13:25

Lab File ID: BP026076.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	1.267		4.5	
Benzaldehyde	0.802	0.809		0.9	
Phenol-d6	1.543	1.653		7.1	
Phenol	1.713	1.798		5.0	20.0
bis(2-Chloroethyl)ether	1.352	1.366		1.0	
2-Chlorophenol	1.342	1.480		10.3	
2-Methylphenol	1.121	1.196		6.7	
2,2-oxybis(1-Chloropropane)	2.043	1.948		-4.7	
Acetophenone	0.506	0.509		0.6	
3+4-Methylphenols	1.560	1.687		8.1	
n-Nitroso-di-n-propylamine	0.958	1.040	0.050	8.6	
Nitrobenzene-d5	0.321	0.353		10.0	
Hexachloroethane	0.533	0.569		6.8	
Nitrobenzene	0.339	0.360		6.2	
Isophorone	0.687	0.733		6.7	
2-Nitrophenol	0.104	0.180		73.1	20.0
2,4-Dimethylphenol	0.289	0.297		2.8	
bis(2-Chloroethoxy)methane	0.433	0.446		3.0	
2,4-Dichlorophenol	0.305	0.339		11.1	20.0
Naphthalene	1.091	1.091		0.0	
4-Chloroaniline	0.419	0.439		4.8	
Hexachlorobutadiene	0.211	0.215		1.9	20.0
Caprolactam	0.107	0.126		17.8	
4-Chloro-3-methylphenol	0.320	0.367		14.7	20.0
2-Methylnaphthalene	0.763	0.799		4.7	
Hexachlorocyclopentadiene	0.227	0.280	0.050	23.3	
2,4,6-Trichlorophenol	0.367	0.431		17.4	20.0
2-Fluorobiphenyl	1.392	1.347		-3.2	
2,4,5-Trichlorophenol	0.419	0.475		13.4	
1,1-Biphenyl	1.531	1.512		-1.2	
2-Chloronaphthalene	1.205	1.197		-0.7	
2-Nitroaniline	0.272	0.345		26.8	
Dimethylphthalate	1.455	1.553		6.7	
Acenaphthylene	1.756	1.771		0.9	
2,6-Dinitrotoluene	0.237	0.308		30.0	
3-Nitroaniline	0.291	0.362		24.4	
Acenaphthene	1.206	1.165		-3.4	20.0
2,4-Dinitrophenol	0.100	0.163	0.050	63.0	
4-Nitrophenol	0.290	0.320	0.050	10.3	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3534

Instrument ID: BNA_P Calibration Date/Time: 11/06/2025 13:25

Lab File ID: BP026076.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	1.807		-0.8	
2,4-Dinitrotoluene	0.347	0.457		31.7	
Diethylphthalate	1.463	1.583		8.2	
4-Chlorophenyl-phenylether	0.713	0.715		0.3	
Fluorene	1.427	1.426		-0.1	
4-Nitroaniline	0.311	0.370		19.0	
4,6-Dinitro-2-methylphenol	0.077	0.118		53.2	
n-Nitrosodiphenylamine	0.625	0.630		0.8	20.0
2,4,6-Tribromophenol	0.216	0.269		24.5	
4-Bromophenyl-phenylether	0.222	0.234		5.4	
Hexachlorobenzene	0.253	0.263		4.0	
Atrazine	0.211	0.225		6.6	
Pentachlorophenol	0.154	0.279		81.2	20.0
Phenanthrene	1.164	1.150		-1.2	
Anthracene	1.154	1.161		0.6	
Carbazole	1.092	1.111		1.7	
Di-n-butylphthalate	1.222	1.385		13.3	
Fluoranthene	1.358	1.381		1.7	20.0
Pyrene	1.353	1.393		3.0	
Terphenyl-d14	0.984	1.000		1.6	
Butylbenzylphthalate	0.432	0.602		39.4	
3,3-Dichlorobenzidine	0.443	0.501		13.1	
Benzo(a)anthracene	1.374	1.388		1.0	
Chrysene	1.302	1.300		-0.2	
Bis(2-ethylhexyl)phthalate	0.718	0.917		27.7	
Di-n-octyl phthalate	1.191	1.618		35.9	20.0
Benzo(b)fluoranthene	1.242	1.252		0.8	
Benzo(k)fluoranthene	1.268	1.227		-3.2	
Benzo(a)pyrene	1.141	1.157		1.4	20.0
Indeno(1,2,3-cd)pyrene	1.476	1.509		2.2	
Dibenzo(a,h)anthracene	1.202	1.237		2.9	
Benzo(g,h,i)perylene	1.156	1.168		1.0	
1,2,4,5-Tetrachlorobenzene	0.621	0.622		0.2	
1,4-Dioxane	0.511	0.507		-0.8	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.411		24.5	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Time: Nov 07 00:34:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

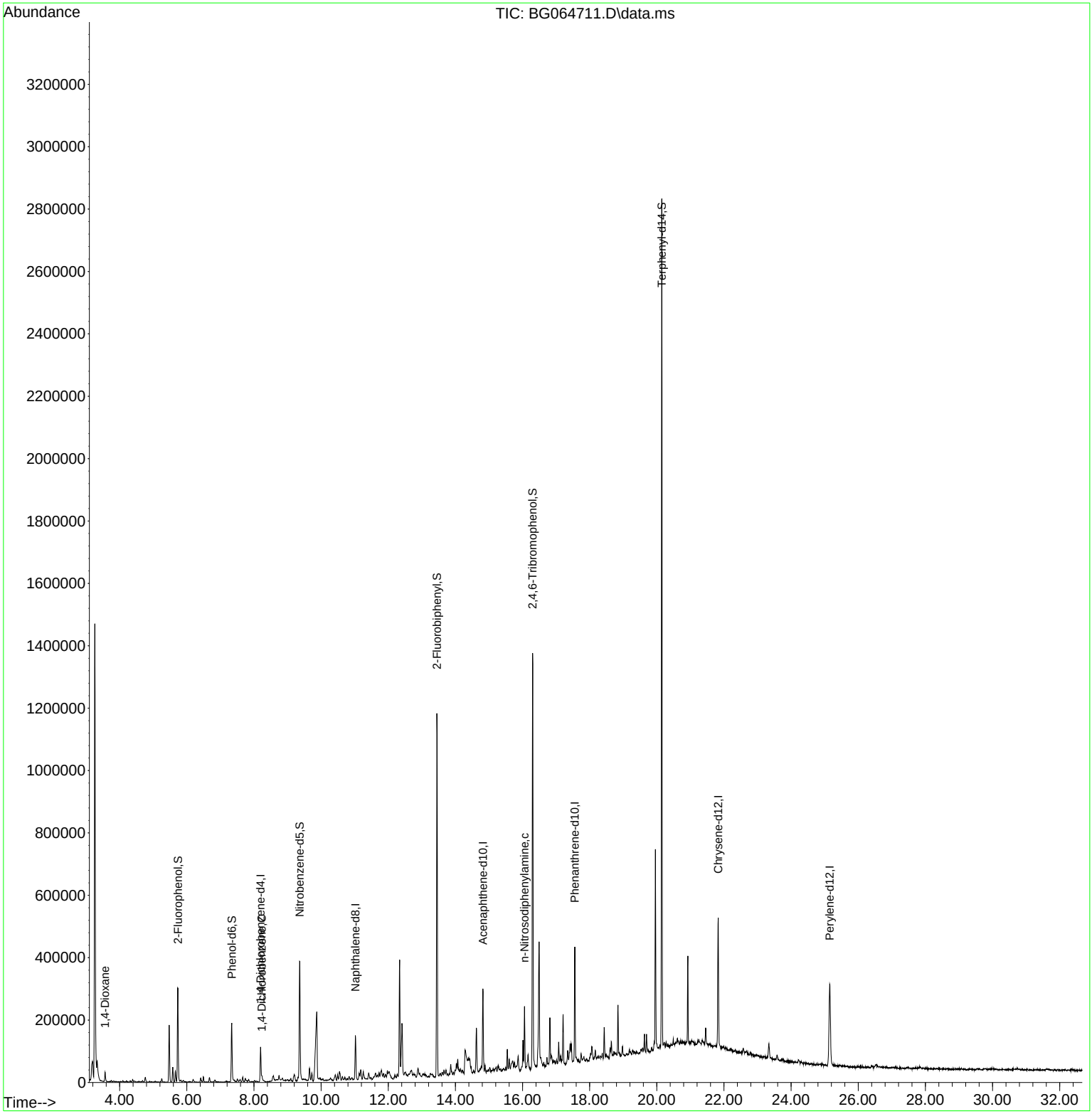
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.197	152	30988	20.000	ng	-0.03
21) Naphthalene-d8	11.023	136	121821	20.000	ng	#-0.03
39) Acenaphthene-d10	14.819	164	100117	20.000	ng	-0.03
64) Phenanthrene-d10	17.557	188	237813	20.000	ng	#-0.03
76) Chrysene-d12	21.828	240	285660	20.000	ng	#-0.03
86) Perylene-d12	25.148	264	321269	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.735	112	128027	69.347	ng	-0.01
7) Phenol-d6	7.339	99	111653	44.073	ng	-0.01
23) Nitrobenzene-d5	9.361	82	230500	113.646	ng	-0.03
42) 2,4,6-Tribromophenol	16.300	330	273023	188.945	ng	-0.02
45) 2-Fluorobiphenyl	13.450	172	621801	94.139	ng	-0.03
79) Terphenyl-d14	20.148	244	1385592	91.537	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.567	88	13278	16.245	ng	# 78
13) 1,4-Dichlorobenzene	8.232	146	7055	3.120	ng	94
66) n-Nitrosodiphenylamine	16.059	169	72525	11.290	ng	100

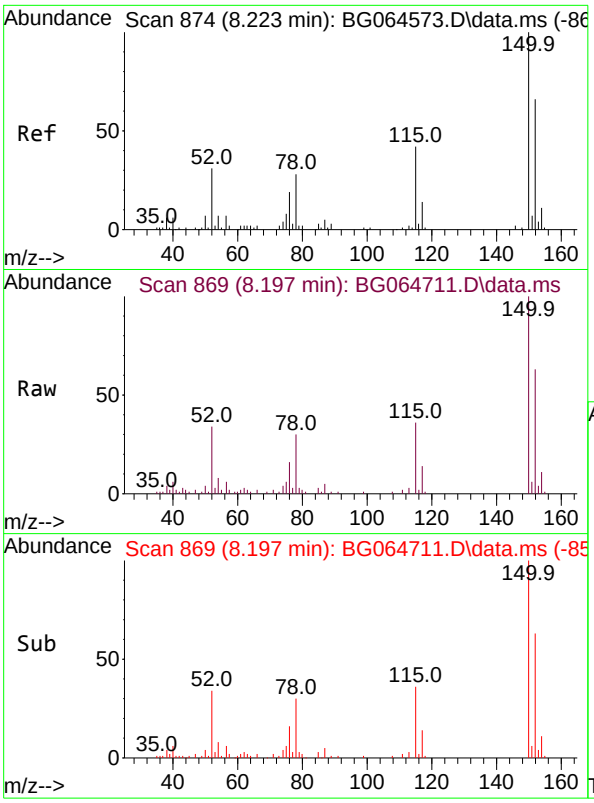
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Time: Nov 07 00:34:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



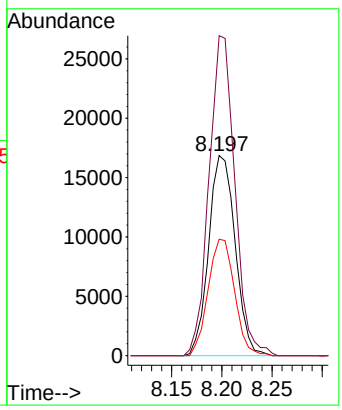


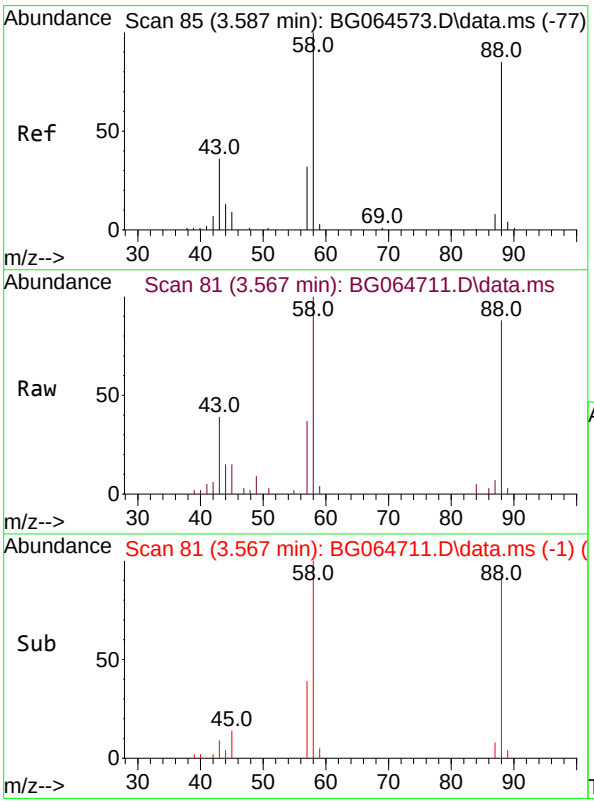
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.197 min Scan# 8
Delta R.T. -0.026 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:152 Resp: 30988

Ion	Ratio	Lower	Upper
152	100		
150	160.0	122.2	183.4
115	58.2	50.8	76.2

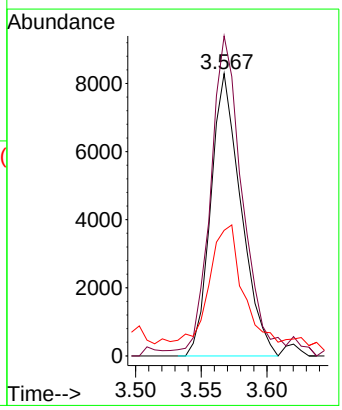


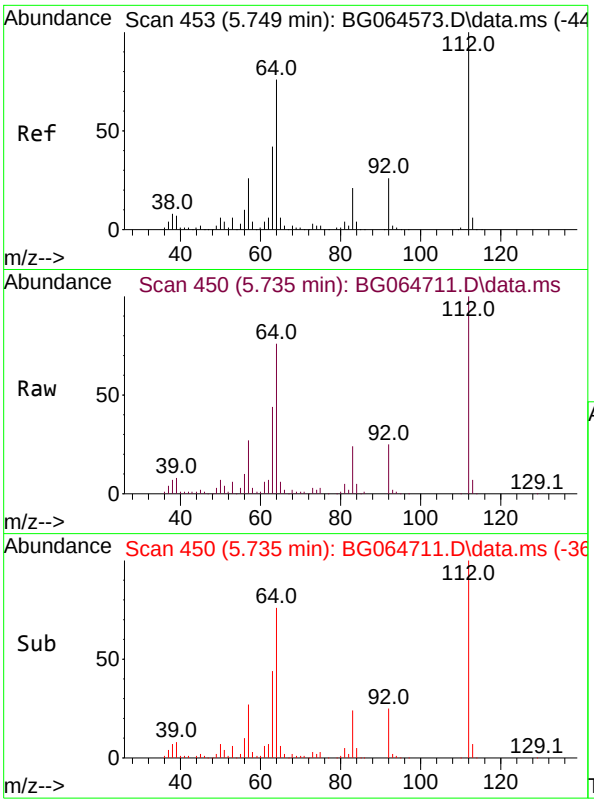


#2
1,4-Dioxane
Concen: 16.245 ng
RT: 3.567 min Scan# 81
Delta R.T. -0.020 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Tgt Ion: 88 Resp: 13278

Ion	Ratio	Lower	Upper
88	100		
58	123.0	92.4	138.6
43	0.0	33.0	49.6#



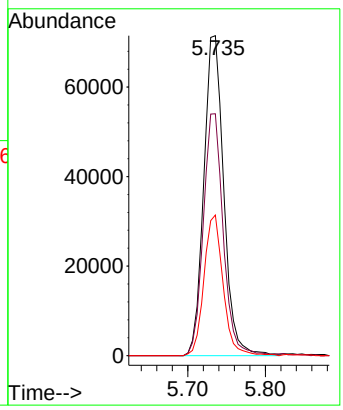


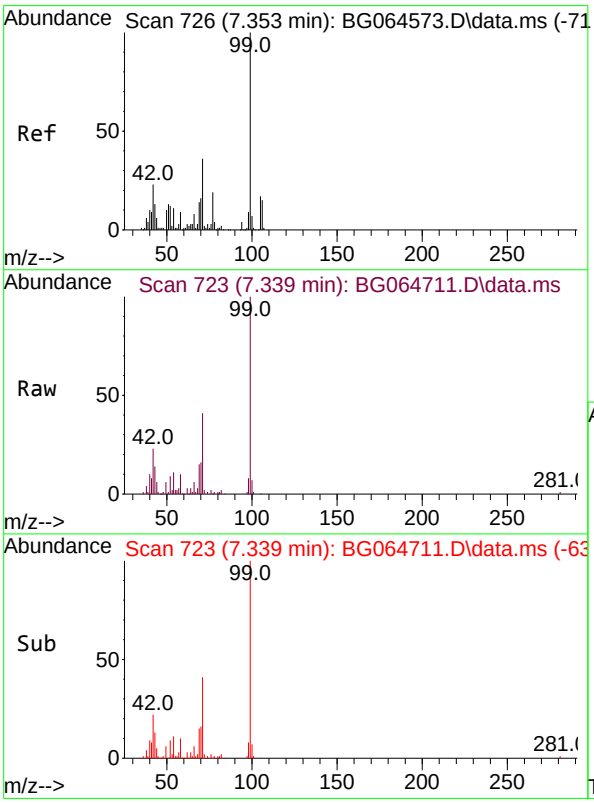
#5
2-Fluorophenol
Concen: 69.347 ng
RT: 5.735 min Scan# 4
Delta R.T. -0.014 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:112 Resp: 128027

Ion	Ratio	Lower	Upper
112	100		
64	75.6	60.7	91.1
63	43.9	33.4	50.0

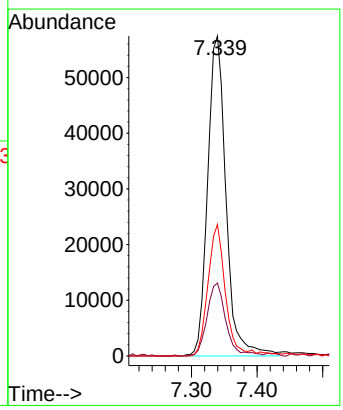


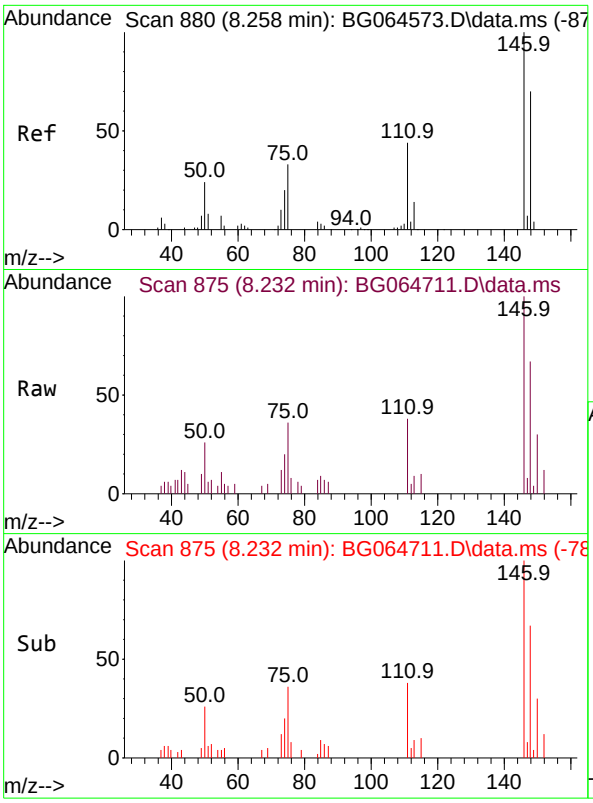


#7
Phenol-d6
Concen: 44.073 ng
RT: 7.339 min Scan# 723
Delta R.T. -0.014 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Tgt Ion: 99 Resp: 111653

Ion	Ratio	Lower	Upper
99	100		
42	22.8	18.3	27.5
71	41.1	28.6	43.0



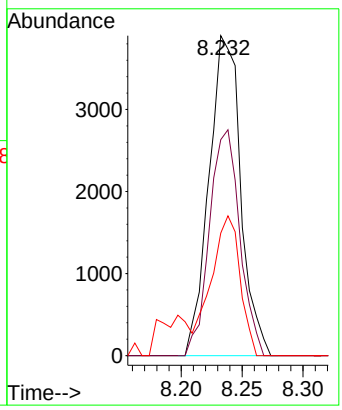


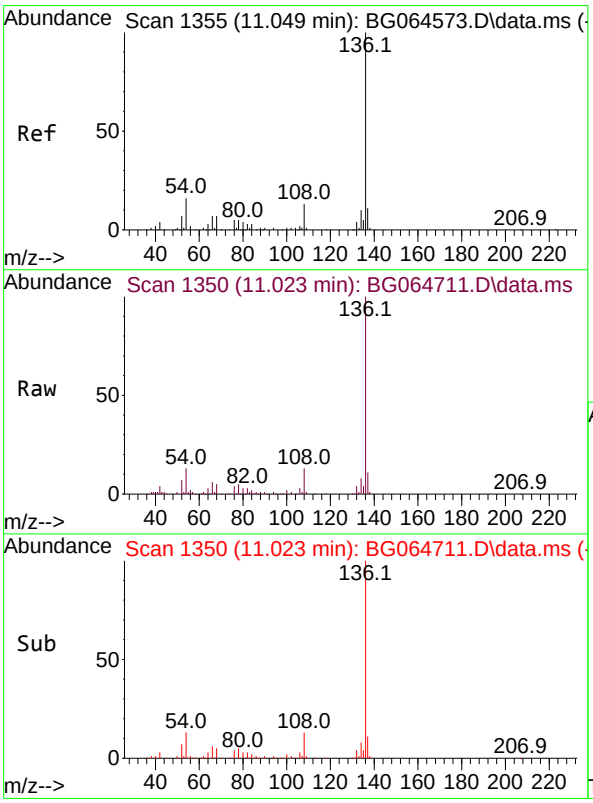
#13
1,4-Dichlorobenzene
Concen: 3.120 ng
RT: 8.232 min Scan# 8
Delta R.T. -0.026 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:146 Resp: 7055

Ion	Ratio	Lower	Upper
146	100		
148	67.5	56.2	84.4
111	38.3	35.4	53.0

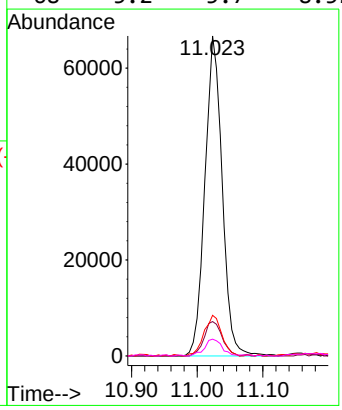


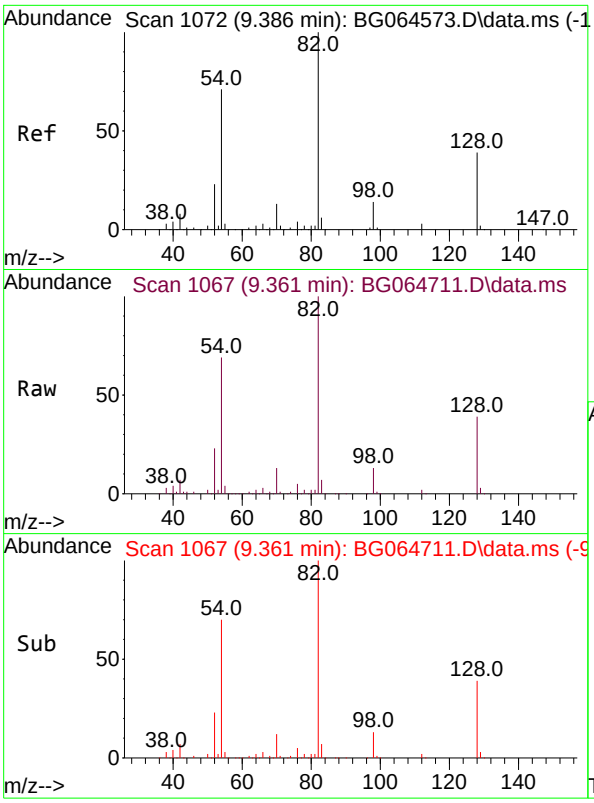


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.023 min Scan# 1350
Delta R.T. -0.026 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Tgt Ion:136 Resp: 121821

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	12.7	12.6	19.0
68	5.2	5.7	8.5#



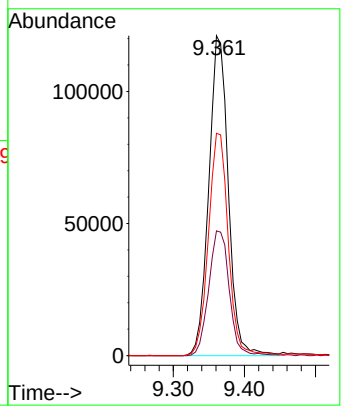


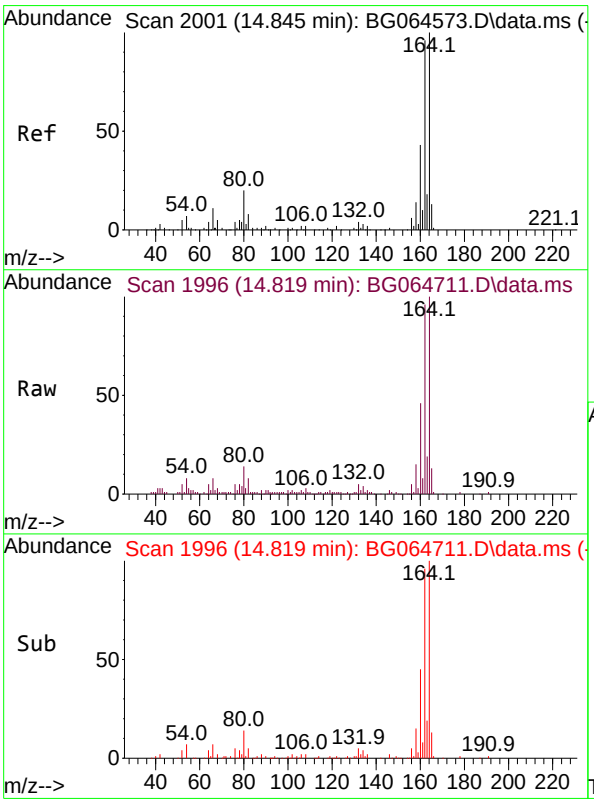
#23
Nitrobenzene-d5
Concen: 113.646 ng
RT: 9.361 min Scan# 10
Delta R.T. -0.026 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion: 82 Resp: 230500

Ion	Ratio	Lower	Upper
82	100		
128	39.0	31.3	46.9
54	69.5	56.6	84.8

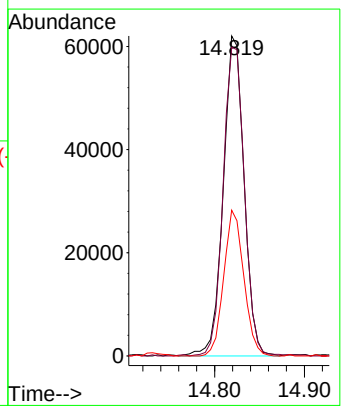


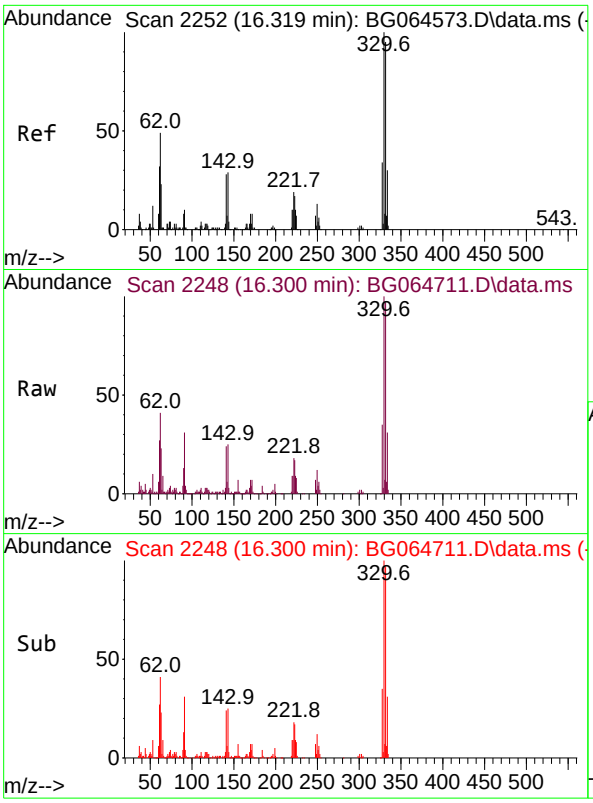


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.819 min Scan# 1996
Delta R.T. -0.026 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Tgt Ion:164 Resp: 100117

Ion	Ratio	Lower	Upper
164	100		
162	96.4	77.0	115.6
160	45.5	34.4	51.6



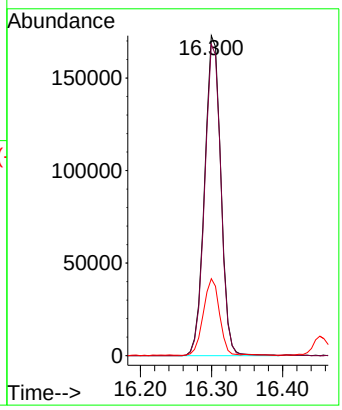


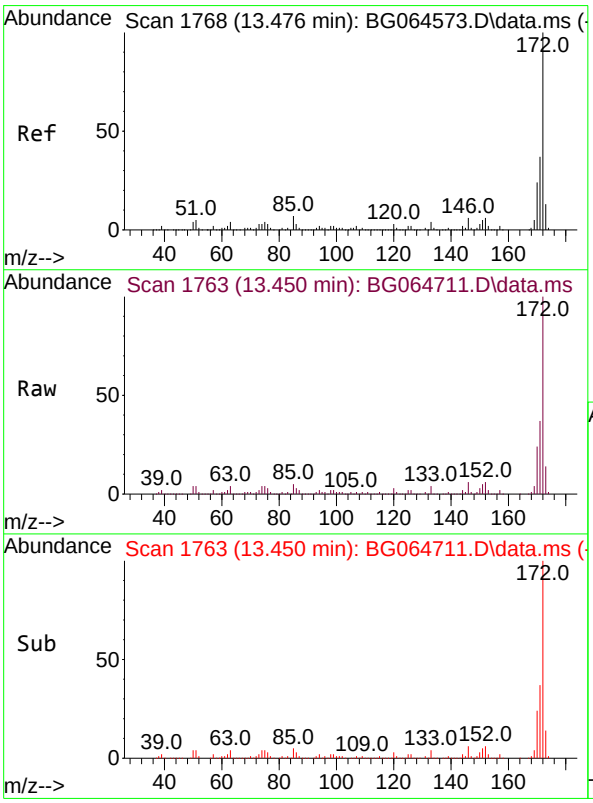
#42
2,4,6-Tribromophenol
Concen: 188.945 ng
RT: 16.300 min Scan# 2
Delta R.T. -0.020 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:330 Resp: 273023

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.0	117.0
141	23.7	21.8	32.6

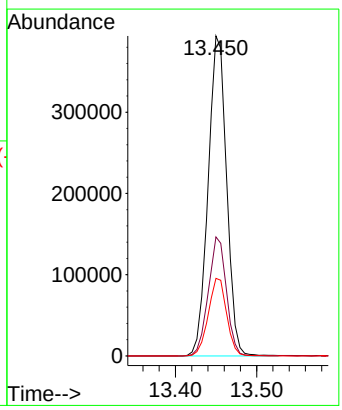


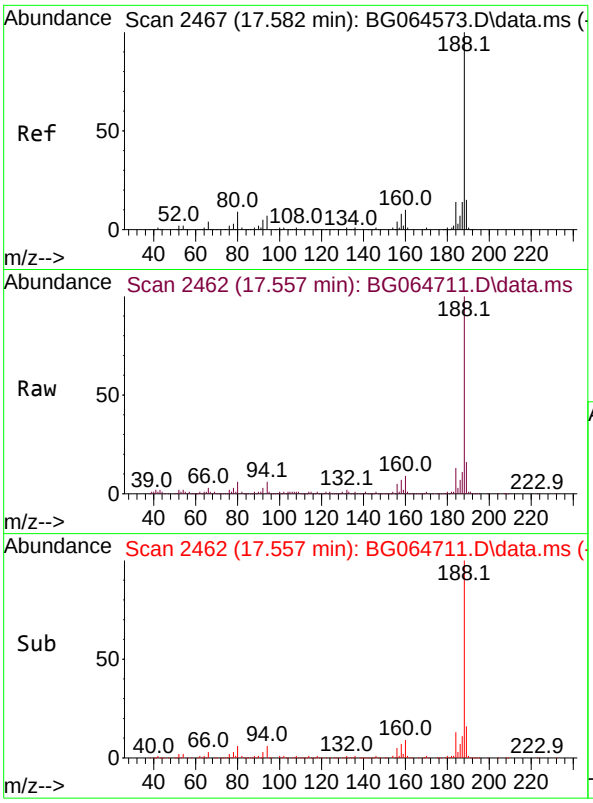


#45
2-Fluorobiphenyl
Concen: 94.139 ng
RT: 13.450 min Scan# 1763
Delta R.T. -0.026 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Tgt Ion:172 Resp: 621801

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.0
170	24.2	19.1	28.7



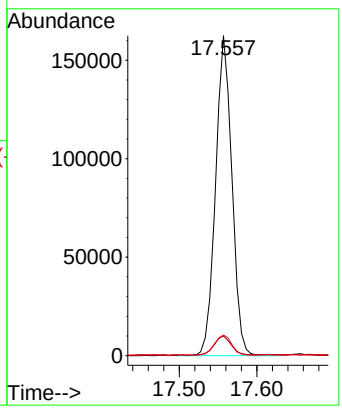


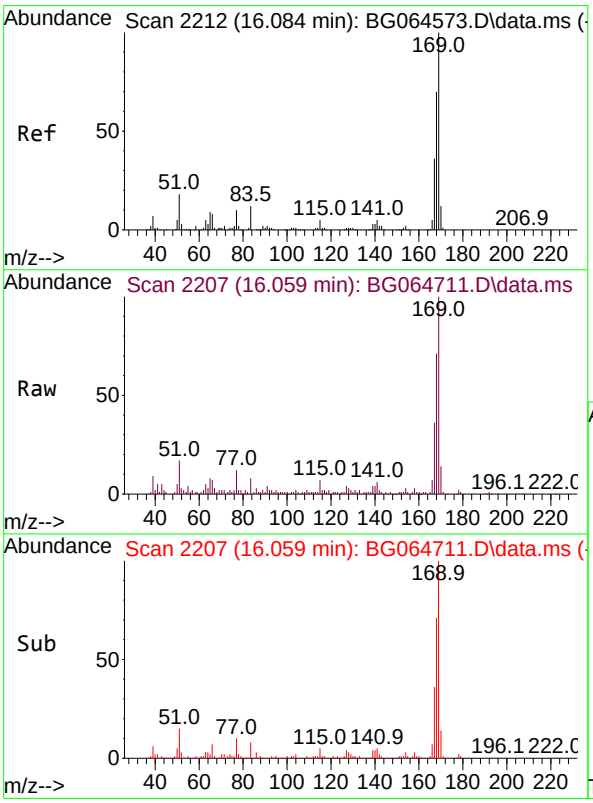
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.557 min Scan# 24
Delta R.T. -0.026 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:188 Resp: 237813

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.7	8.5
80	6.4	6.8	10.2#

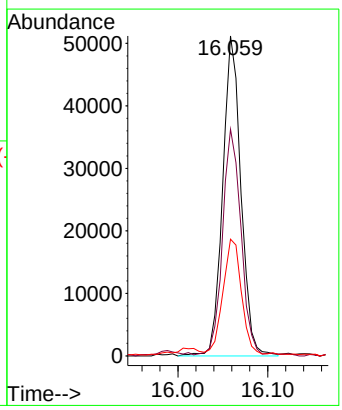


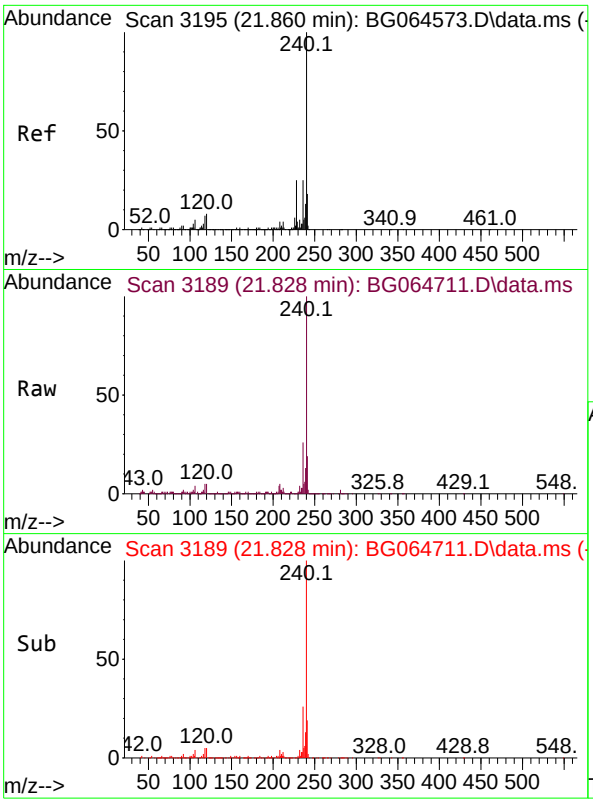


#66
n-Nitrosodiphenylamine
Concen: 11.290 ng
RT: 16.059 min Scan# 2207
Delta R.T. -0.026 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Tgt Ion:169 Resp: 72525

Ion	Ratio	Lower	Upper
169	100		
168	70.8	56.3	84.5
167	36.5	29.0	43.6



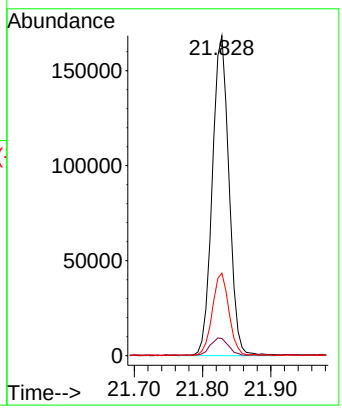


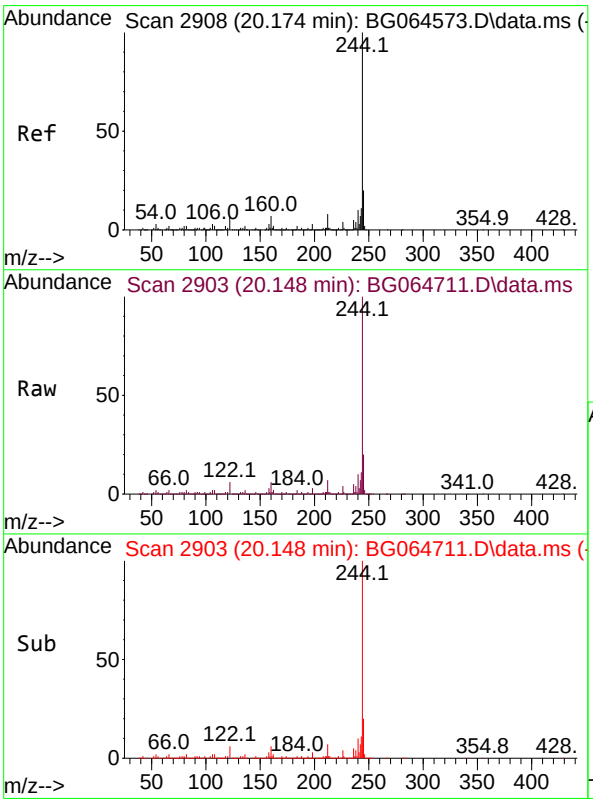
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.828 min Scan# 31
Delta R.T. -0.031 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:240 Resp: 285660

Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.5	9.7#
236	25.8	20.2	30.2

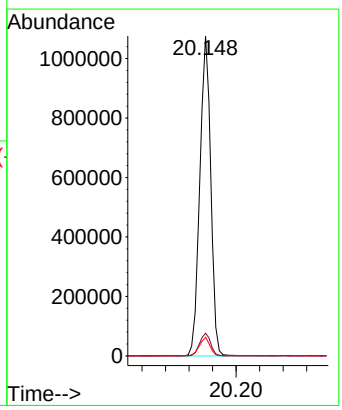


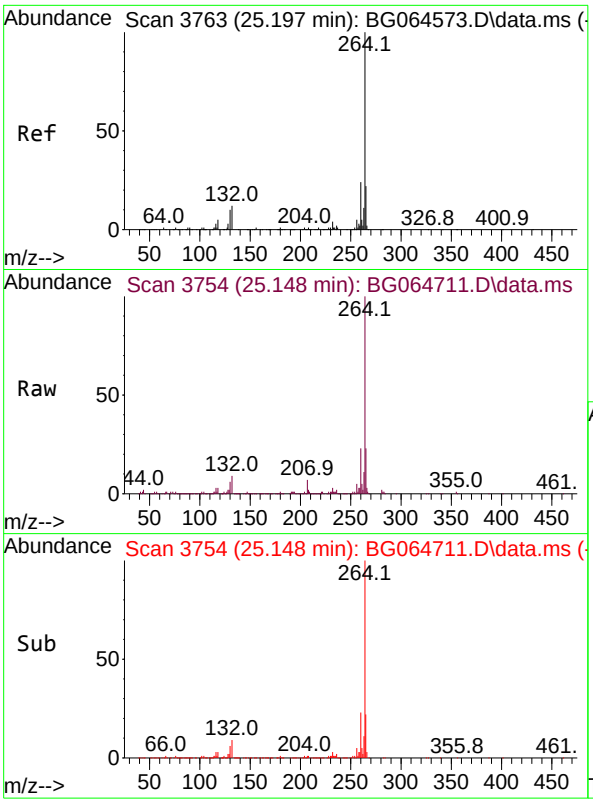


#79
Terphenyl-d14
Concen: 91.537 ng
RT: 20.148 min Scan# 2903
Delta R.T. -0.026 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Tgt Ion:244 Resp: 1385592

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	5.8	5.6	8.4



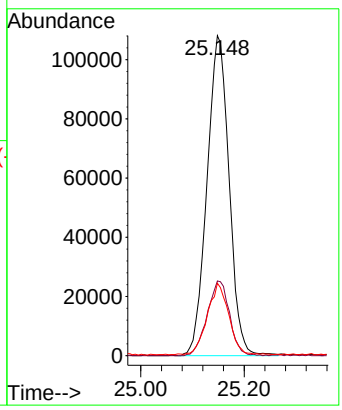


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.148 min Scan# 3
Delta R.T. -0.049 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:264 Resp: 321269

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	22.6	17.6	26.4



Sample Results: **BG064711.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

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_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064711.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.191	7	17	23	rBV4	59729	182200	5.26%	0.781%
2	3.262	23	29	38	rVV	1463767	2622964	75.66%	11.239%
3	3.332	38	41	58	rVB2	63403	160422	4.63%	0.687%
4	3.567	75	81	88	rBV	29939	48768	1.41%	0.209%
5	5.477	396	406	416	rBV	183320	315105	9.09%	1.350%
6	5.583	418	424	432	rBV	47969	79852	2.30%	0.342%
7	5.659	432	437	443	rBV	34938	61101	1.76%	0.262%
8	5.730	443	449	460	rVV	300008	522339	15.07%	2.238%
9	7.339	715	723	735	rBV	189175	373137	10.76%	1.599%
10	8.197	862	869	883	rBV2	111489	238694	6.88%	1.023%
11	9.202	1031	1040	1050	rBV6	22464	67260	1.94%	0.288%
12	9.361	1060	1067	1081	rVB	379376	732764	21.14%	3.140%
13	9.654	1111	1117	1124	rBV2	38322	71382	2.06%	0.306%
14	9.725	1124	1129	1136	rVB5	26523	53933	1.56%	0.231%
15	9.872	1136	1154	1160	rBV2	223232	769588	22.20%	3.297%
16	10.430	1238	1249	1255	rBV10	17631	50452	1.46%	0.216%
17	10.547	1264	1269	1277	rVB7	28262	71850	2.07%	0.308%
18	11.023	1343	1350	1360	rVB	141916	265958	7.67%	1.140%
19	11.135	1360	1369	1373	rBV6	20796	44119	1.27%	0.189%
20	11.182	1373	1377	1384	rVB4	30662	63603	1.83%	0.273%
21	11.258	1384	1390	1398	rBV5	24388	54394	1.57%	0.233%
22	11.417	1412	1417	1425	rBV5	20400	47011	1.36%	0.201%
23	11.799	1474	1482	1488	rBV10	19949	49173	1.42%	0.211%
24	12.339	1566	1574	1579	rBV	374203	632362	18.24%	2.709%
25	12.410	1579	1586	1596	rVB3	166722	409407	11.81%	1.754%
26	12.886	1659	1667	1673	rBV6	28862	76534	2.21%	0.328%
27	13.450	1756	1763	1771	rBV	1164209	1815142	52.36%	7.777%
28	13.661	1795	1799	1805	rVV6	17692	37576	1.08%	0.161%
29	13.861	1828	1833	1843	rVB8	33971	66956	1.93%	0.287%
30	14.073	1865	1869	1873	rVB	33808	44357	1.28%	0.190%
31	14.290	1901	1906	1916	rBV3	77247	294660	8.50%	1.263%
32	14.625	1957	1963	1973	rVB	141697	262850	7.58%	1.126%
33	14.819	1990	1996	2003	rVB	264423	448448	12.94%	1.921%
34	14.884	2004	2007	2013	rVB2	25090	35749	1.03%	0.153%
35	15.547	2115	2120	2124	rBV	67365	92906	2.68%	0.398%
36	15.606	2125	2130	2135	rVB4	31302	49876	1.44%	0.214%

Sample Results: **BG064711.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

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_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.871	2170	2175	2182	rVB4	46107	93819	2.71%	0.402%
38	16.012	2195	2199	2203	rBV	85798	124628	3.59%	0.534%
39	16.059	2203	2207	2214	rVB	197416	285521	8.24%	1.223%
40	16.164	2218	2225	2233	rVB5	45428	106811	3.08%	0.458%
41	16.300	2241	2248	2262	rBV2	1330634	2232791	64.40%	9.567%
42	16.493	2270	2281	2287	rBV	400081	850948	24.54%	3.646%
43	16.728	2316	2321	2324	rBV5	29901	47330	1.37%	0.203%
44	16.817	2331	2336	2340	rBV	146580	220617	6.36%	0.945%
45	17.075	2376	2380	2385	rBV	67833	97589	2.81%	0.418%
46	17.210	2398	2403	2409	rVB	158346	238823	6.89%	1.023%
47	17.345	2422	2426	2431	rBV	35537	53355	1.54%	0.229%
48	17.416	2432	2438	2442	rVV3	57090	134812	3.89%	0.578%
49	17.451	2442	2444	2450	rVB	58989	81294	2.34%	0.348%
50	17.557	2457	2462	2467	rBV	361512	524728	15.14%	2.248%
51	18.062	2545	2548	2556	rVB3	41899	82686	2.39%	0.354%
52	18.168	2563	2566	2571	rVB6	27344	41532	1.20%	0.178%
53	18.432	2607	2611	2617	rBV2	95008	126740	3.66%	0.543%
54	18.609	2637	2641	2644	rBV5	34355	60066	1.73%	0.257%
55	18.644	2644	2647	2652	rVB2	47627	70826	2.04%	0.303%
56	18.844	2676	2681	2685	rBV	160727	217566	6.28%	0.932%
57	19.631	2811	2815	2822	rVB	58498	73689	2.13%	0.316%
58	19.696	2822	2826	2831	rBV2	57981	86535	2.50%	0.371%
59	19.960	2866	2871	2877	rVB	623929	812260	23.43%	3.480%
60	20.148	2897	2903	2909	rBV	2722110	3466898	100.00%	14.855%
61	20.924	3030	3035	3040	rVB	279564	332247	9.58%	1.424%
62	21.452	3123	3125	3132	rVB3	52821	70030	2.02%	0.300%
63	21.828	3183	3189	3202	rVB	419570	749005	21.60%	3.209%
64	23.338	3441	3446	3453	rVB7	46404	101049	2.91%	0.433%
65	25.148	3745	3754	3765	rVB	254466	741618	21.39%	3.178%

Sum of corrected areas: 23338705

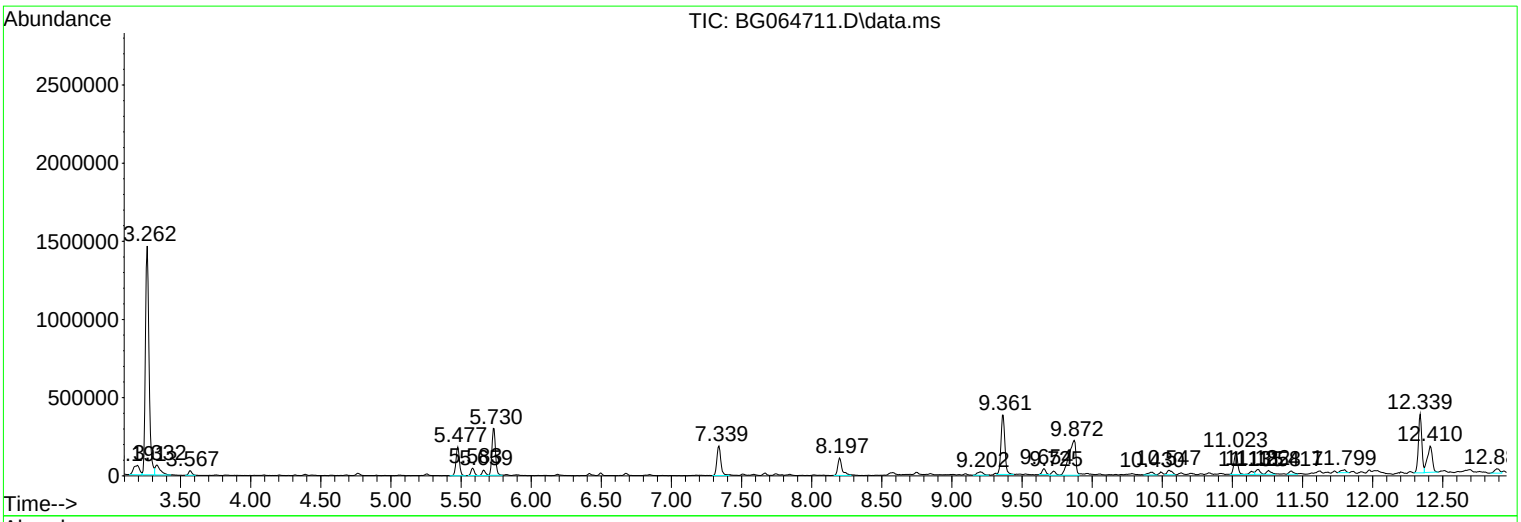
Sample Results: **BG064711.D**

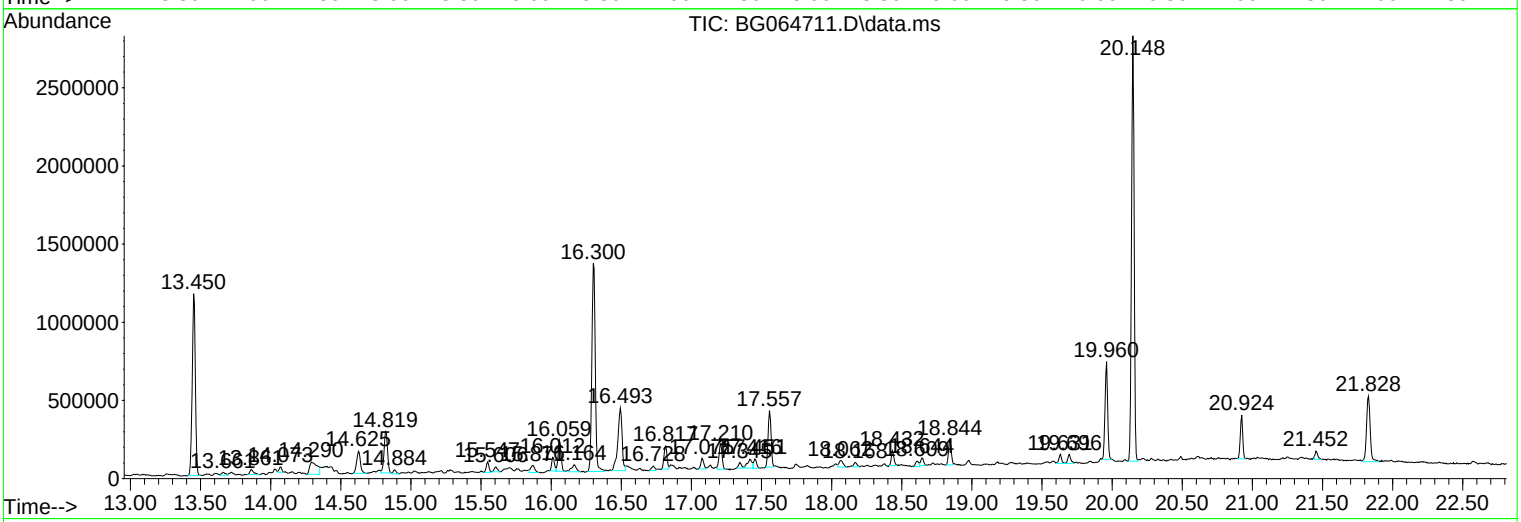
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

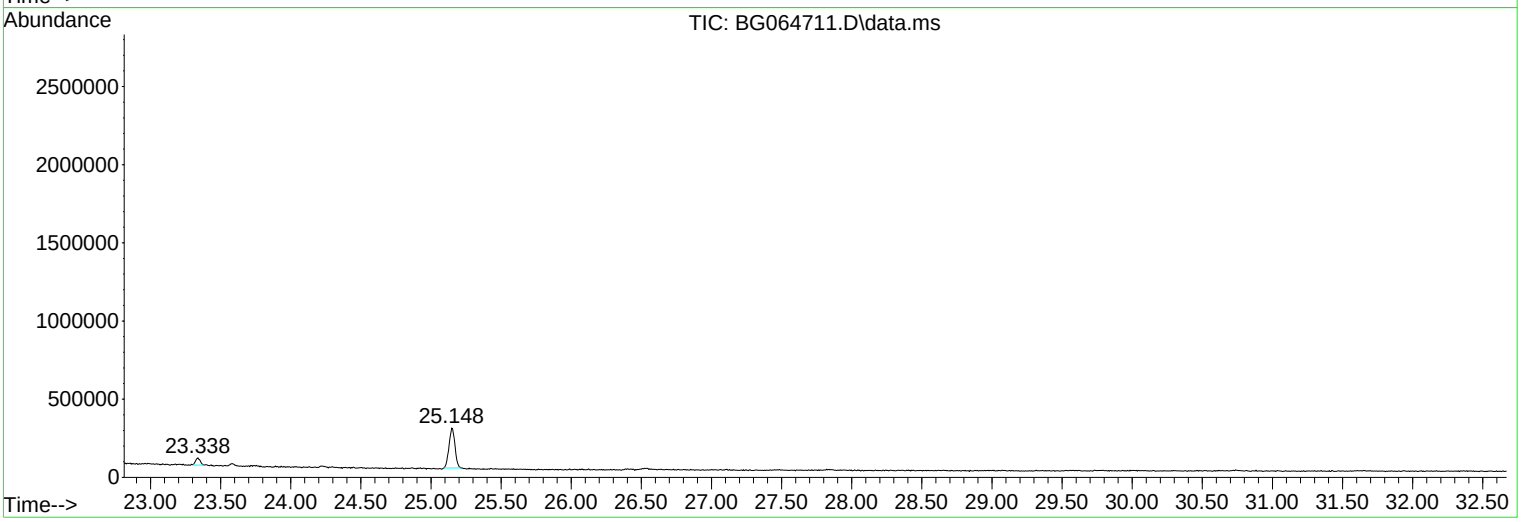
Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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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Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
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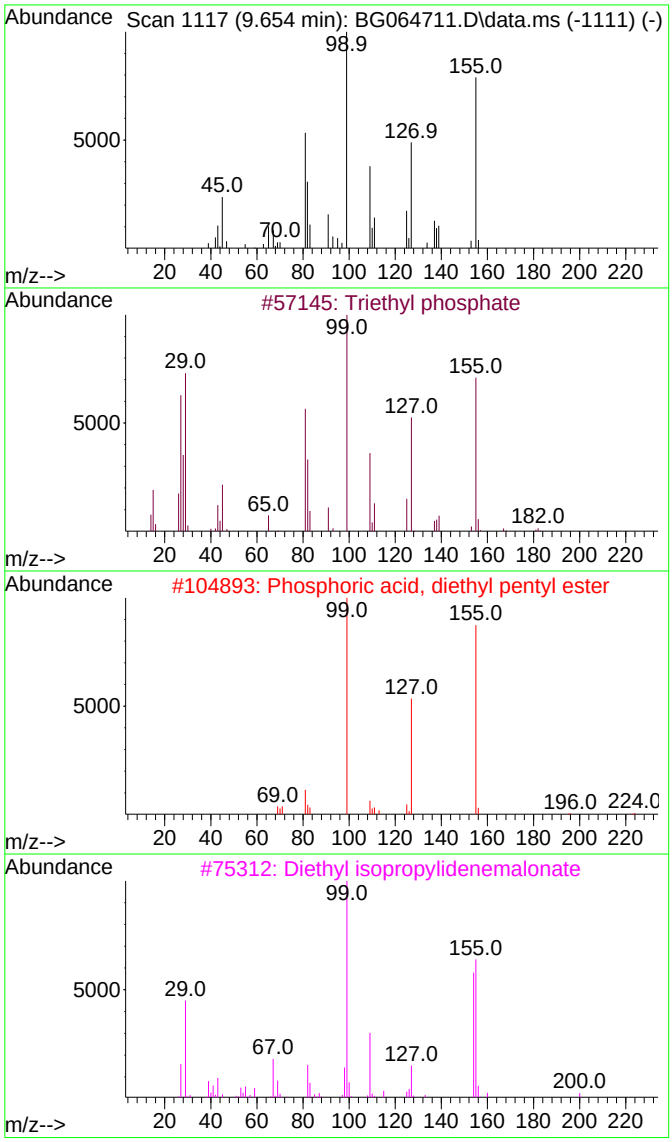
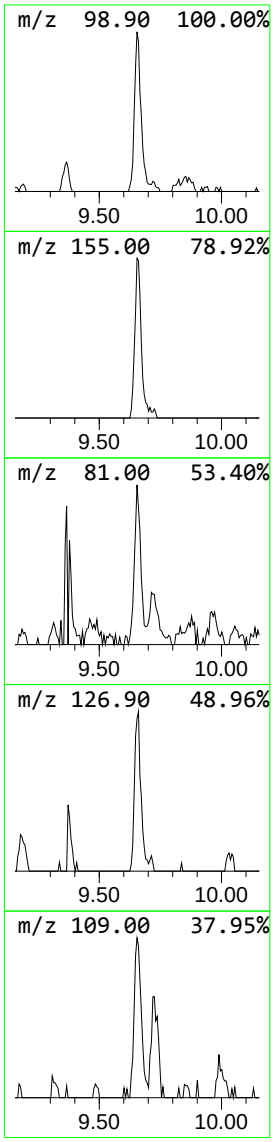
Peak Number 7 Triethyl phosphate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.654	5.37 ng	71382	Naphthalene-d8	11.023

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl phosphate	182	C6H15O4P	000078-40-0	90
2	Phosphoric acid, diethyl pentyl ...	224	C9H21O4P	020195-08-8	64
3	Diethyl isopropylidenemalonate	200	C10H16O4	006802-75-1	36
4	2,2,4-Trimethyl-5-oxo-2,5-dihydr...	170	C8H10O4	094072-56-7	25
5	2,4-Diamino-5-nitropyrimidine	155	C4H5N5O2	018620-73-0	22





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Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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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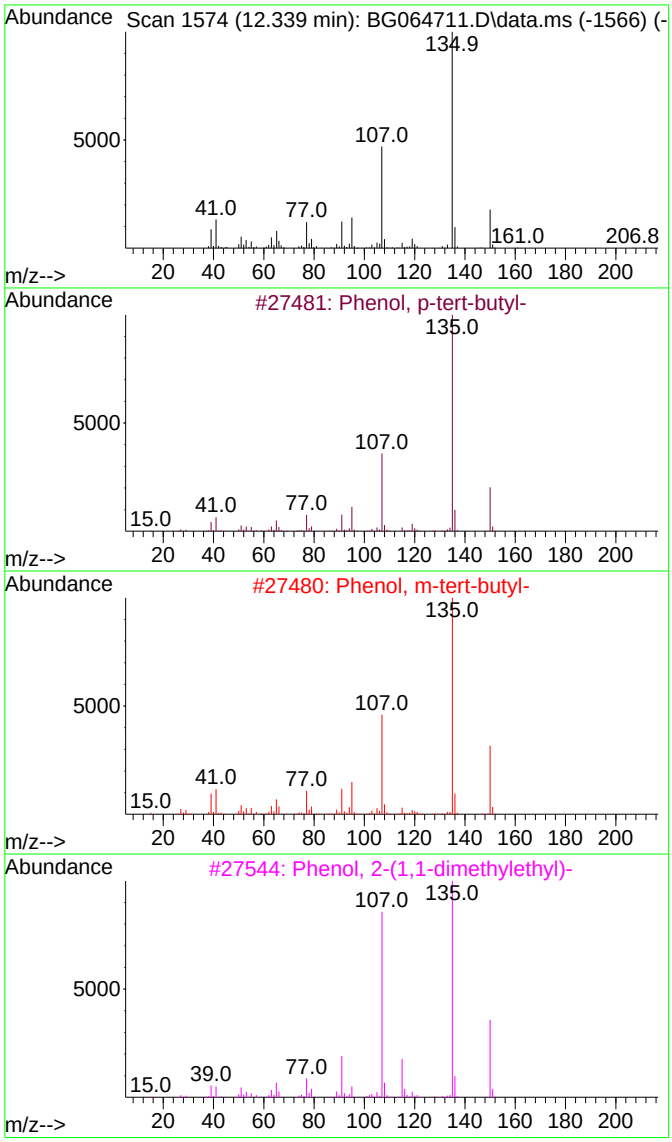
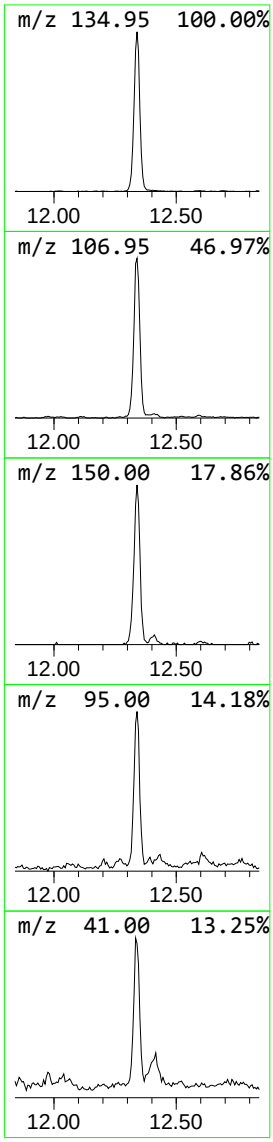
Peak Number 10 Phenol, p-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	47.55 ng	632362	Naphthalene-d8	11.023

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	72
4	p-Anisic acid, 4-nitrophenyl ester	273	C14H11NO5	1000307-63-9	59
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	59





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Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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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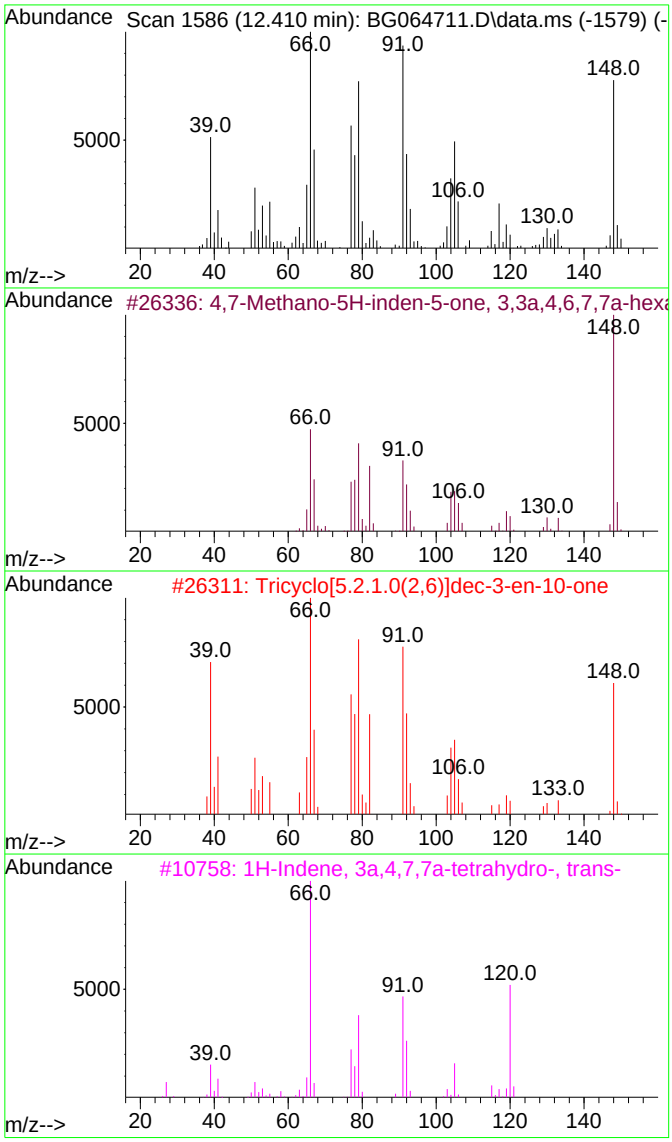
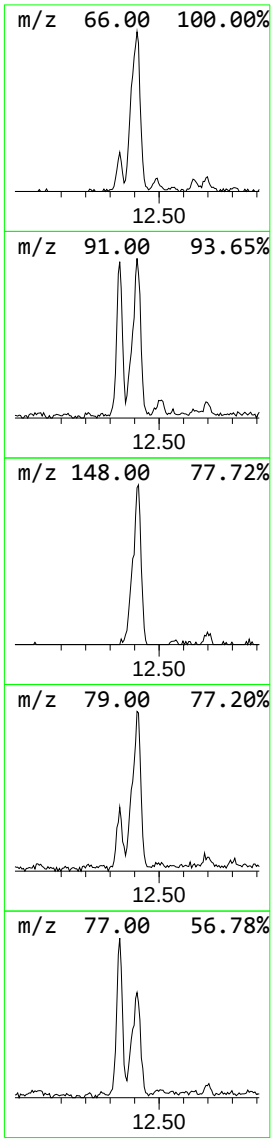
Peak Number 11 4,7-Methano-5H-inden-5-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	30.79 ng	409407	Naphthalene-d8	11.023

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-5H-inden-5-one, 3,3a...	148	C10H12O	014888-58-5	96
2	Tricyclo[5.2.1.0(2,6)]dec-3-en-1...	148	C10H12O	1000289-10-5	95
3	1H-Indene, 3a,4,7,7a-tetrahydro-...	120	C9H12	066563-20-0	53
4	2,5-Norbornadiene	92	C7H8	000121-46-0	50
5	6(5H)-Pteridinone	148	C6H4N4O	002432-26-0	49





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Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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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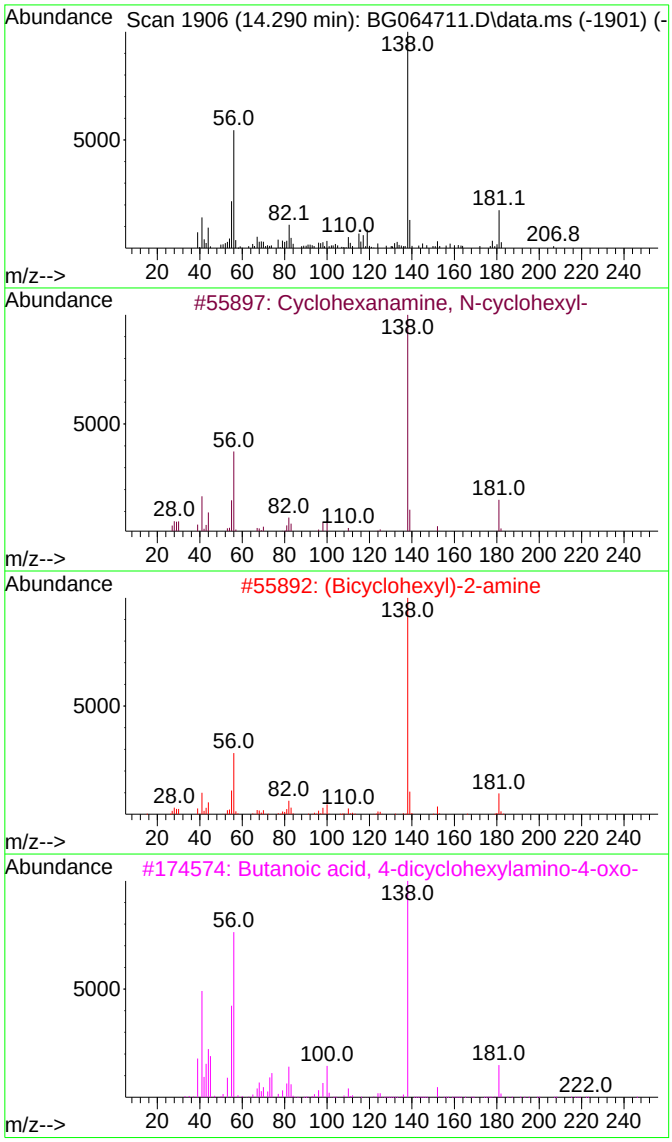
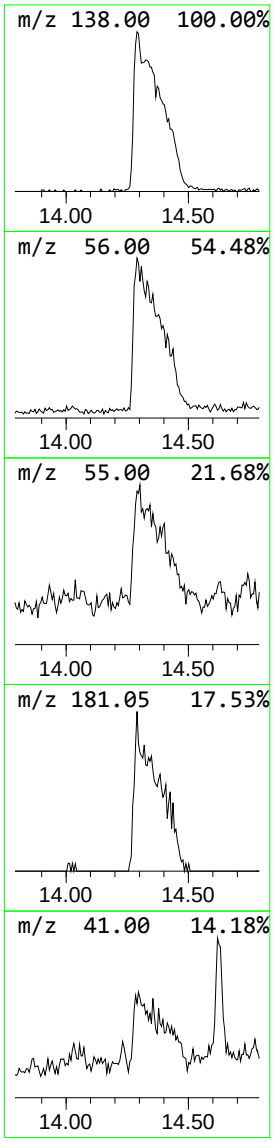
Peak Number 13 Cyclohexanamine, N-cyclohexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.290	13.14 ng	294660	Acenaphthene-d10	14.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	93
2	(Bicyclohexyl)-2-amine	181	C12H23N	006283-14-3	76
3	Butanoic acid, 4-dicyclohexylami...	281	C16H27NO3	328013-95-2	56
4	Pyrrolidine-1-acetonitrile, 2,5-...	138	C6H6N2O2	061516-81-2	45
5	3-(Decahydroisoquinolin-3-yl)-pr...	197	C12H23NO	1000194-40-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
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Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

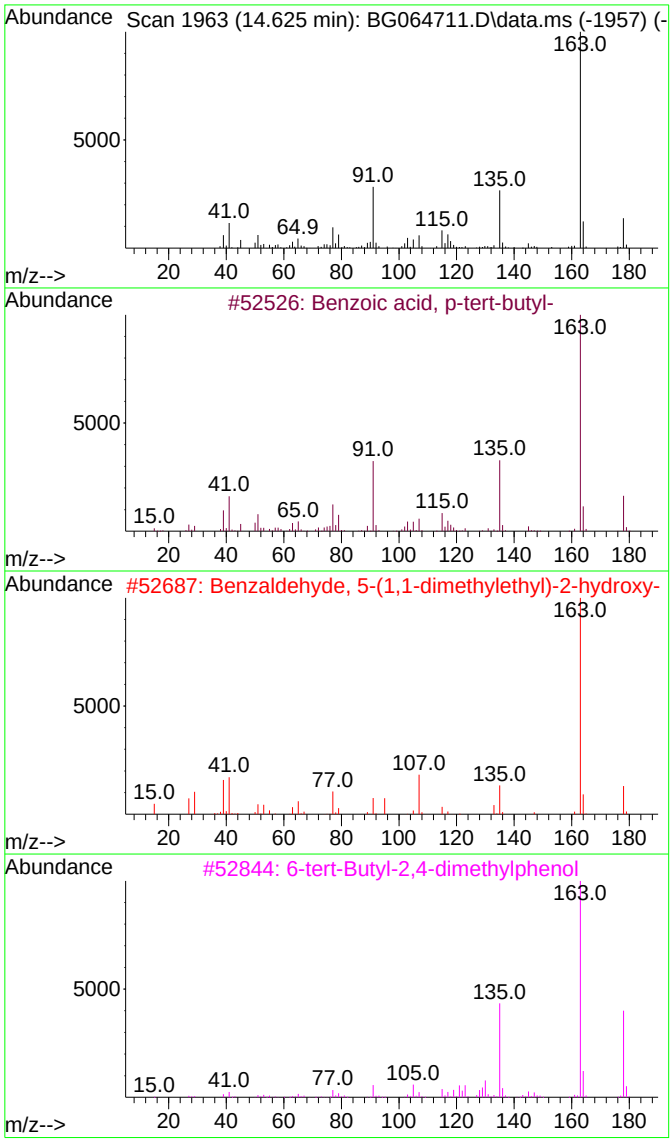
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

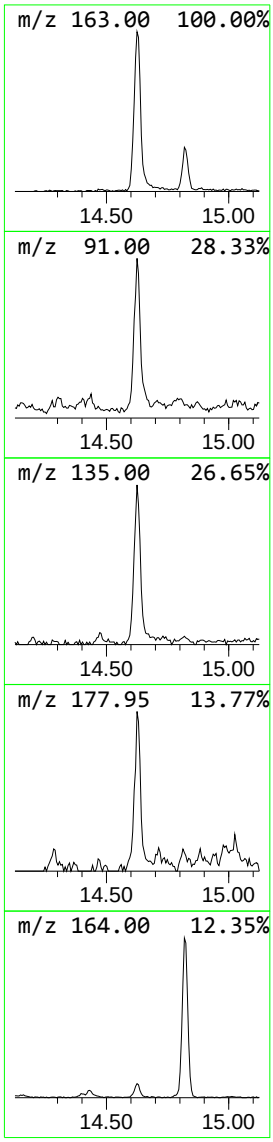
****

Peak Number 14 Benzoic acid, p-tert-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.625	11.72 ng	262850	Acenaphthene-d10	14.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	93
2	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	72
3	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	72
4	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	60
5	4-tert-Butyl-2,6-dimethylphenol	178	C12H18O	000879-97-0	59





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Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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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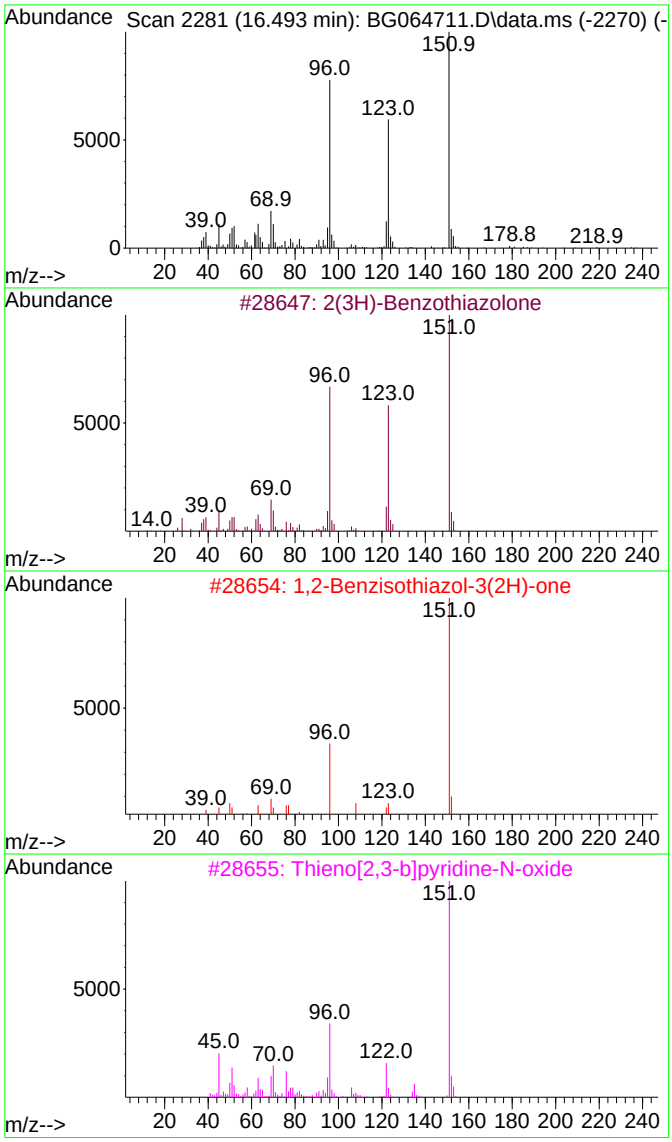
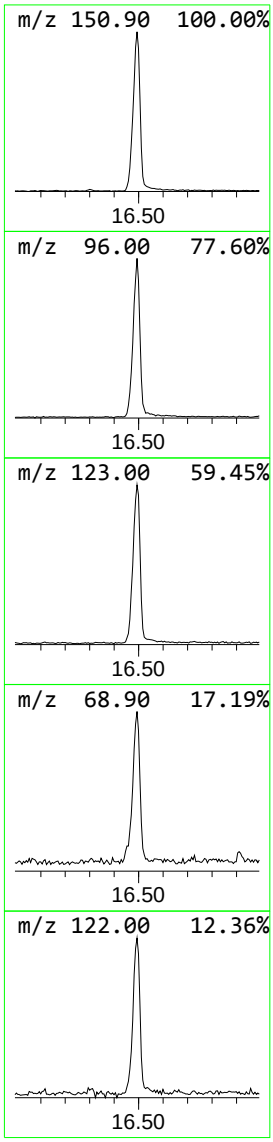
Peak Number 15 2(3H)-Benzothiazolone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.493	32.43 ng	850948	Phenanthrene-d10	17.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	96
2	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	59
3	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	53
4	Thieno[3,2-b]pyridin-7-ol	151	C7H5NOS	107818-20-2	49
5	t-Butylhydroquinone	166	C10H14O2	001948-33-0	38





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Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
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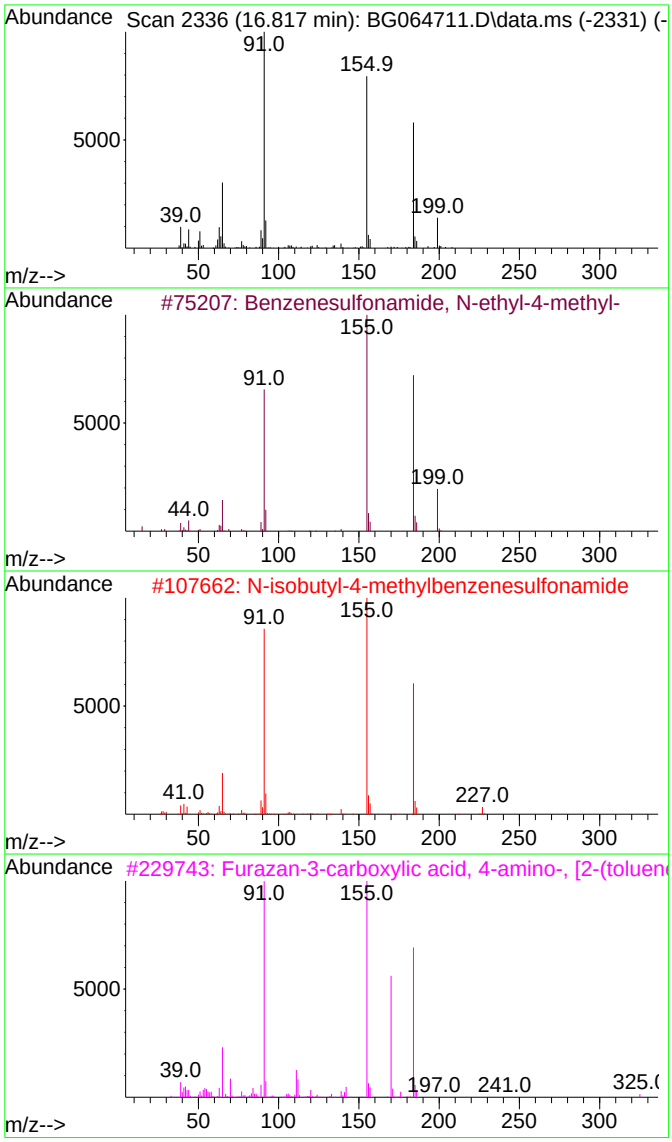
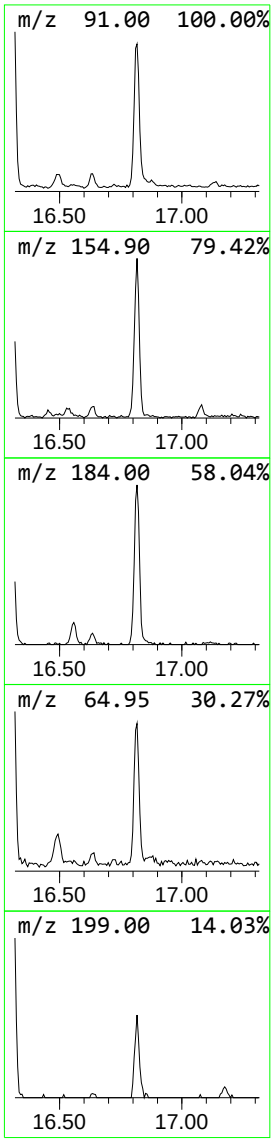
Peak Number 16 Benzenesulfonamide, N-ethyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.817	8.41 ng	220617	Phenanthrene-d10	17.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	94
2	N-isobutyl-4-methylbenzenesulfon...	227	C11H17NO2S	023705-38-6	90
3	Furazan-3-carboxylic acid, 4-ami...	325	C12H15N5O4S	1000304-69-4	83
4	benzenesulfonamide, 4-methyl-N-[...	369	C16H19NO5S2	1000402-61-7	78
5	4-Methyl-N-(2-oxobutyl)benzenesu...	241	C11H15NO3S	1000192-14-5	64





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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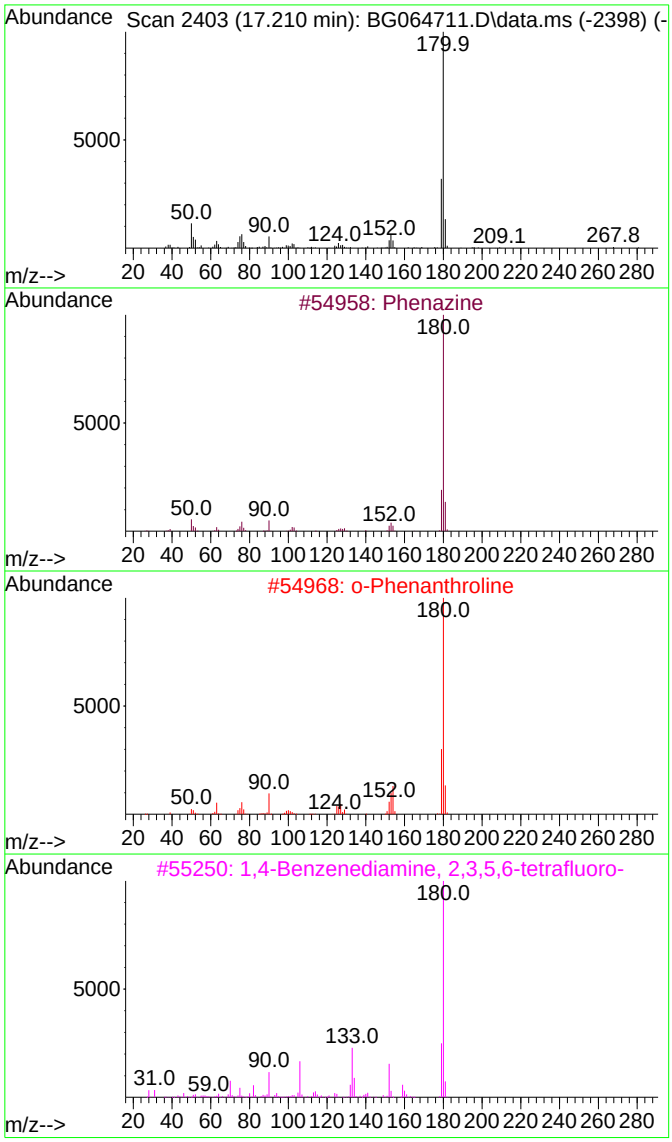
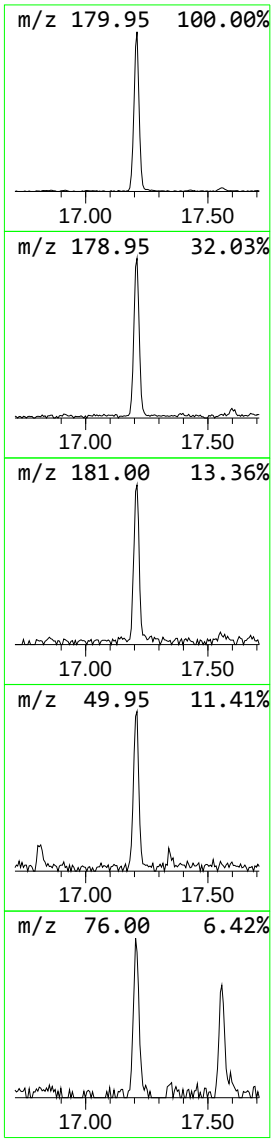
Peak Number 17 Phenazine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.210	9.10 ng	238823	Phenanthrene-d10	17.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenazine	180	C12H8N2	000092-82-0	93
2	o-Phenanthroline	180	C12H8N2	000066-71-7	80
3	1,4-Benzenediamine, 2,3,5,6-tetr...	180	C6H4F4N2	001198-64-7	72
4	1-Phenazinecarboxylic acid	224	C13H8N2O2	002538-68-3	64
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64





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Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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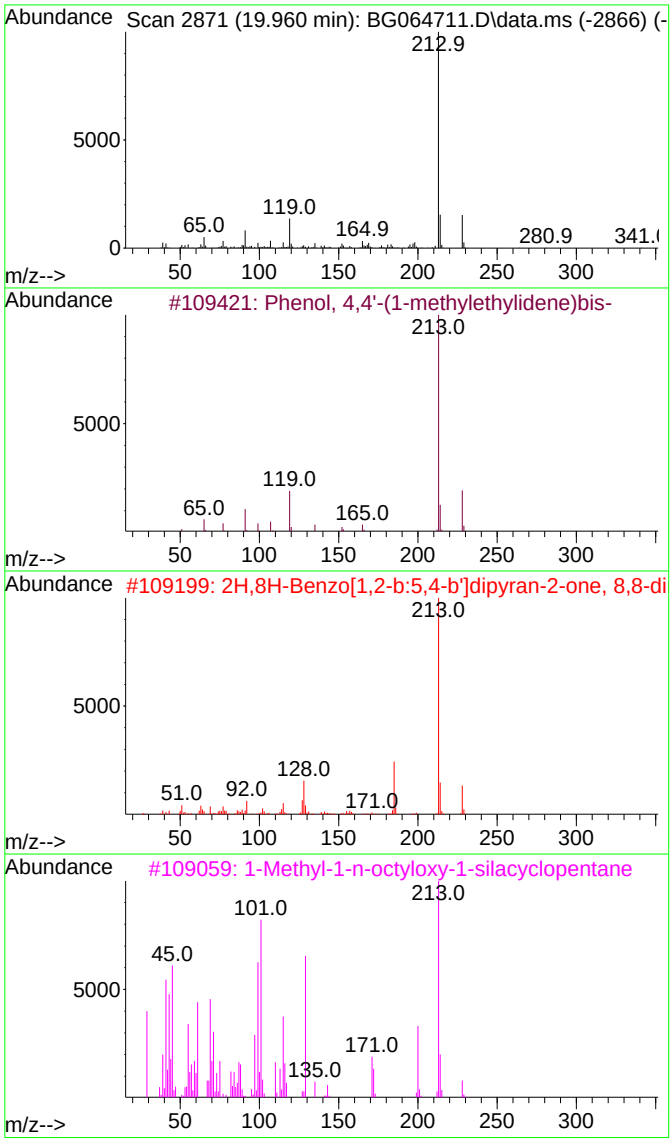
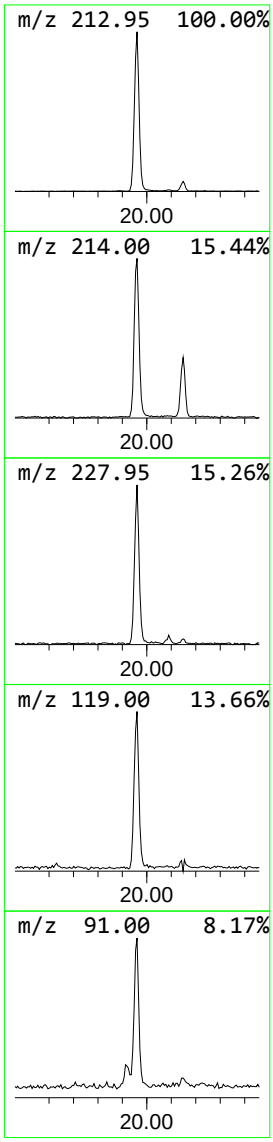
****
Peak Number 19 Phenol, 4,4'-(1-methylethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.960	21.69 ng	812260	Chrysene-d12	21.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	50
3	1-Methyl-1-n-octyloxy-1-silacycl...	228	C13H28OSi	1010216-91-0	50
4	As-Indacen-1(2H)-one, 3,6,7,8-te...	228	C16H20O	055591-18-9	43
5	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

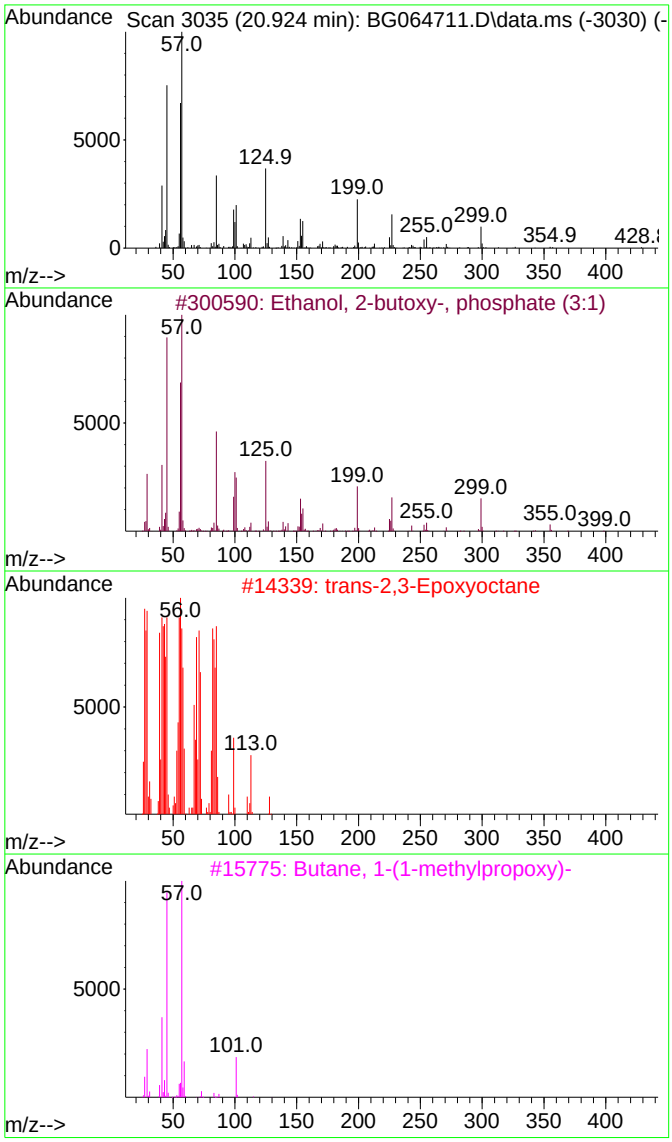
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

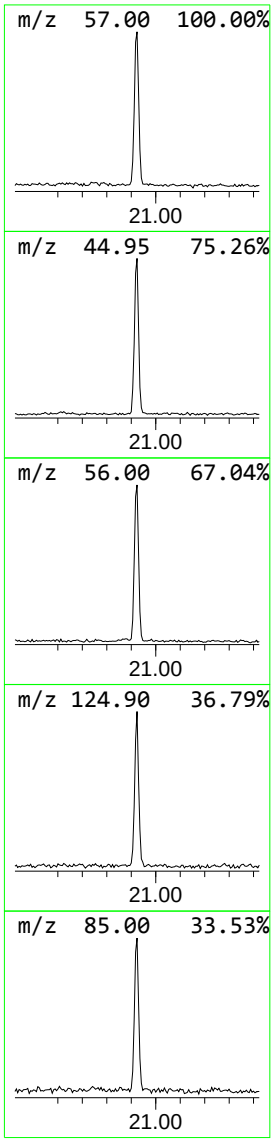
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Ethanol, 2-butoxy-, phospha... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.924	8.87 ng	332247	Chrysene-d12	21.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	90
2	trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	43
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	27
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	27
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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
Triethyl phosphate	9.654	5.4	ng	71382	2	11.023	265958	20.0
Phenol, p-tert-...	12.339	47.5	ng	632362	2	11.023	265958	20.0
4,7-Methano-5H-...	12.410	30.8	ng	409407	2	11.023	265958	20.0
Cyclohexanamine...	14.290	13.1	ng	294660	3	14.819	448448	20.0
Benzoic acid, p...	14.625	11.7	ng	262850	3	14.819	448448	20.0
2(3H)-Benzothia...	16.493	32.4	ng	850948	4	17.557	524728	20.0
Benzenesulfonam...	16.817	8.4	ng	220617	4	17.557	524728	20.0
Phenazine	17.210	9.1	ng	238823	4	17.557	524728	20.0
Phenol, 4,4'-(1...	19.960	21.7	ng	812260	5	21.828	749005	20.0
Ethanol, 2-buto...	20.924	8.9	ng	332247	5	21.828	749005	20.0

Sample Results: **BF144191.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144191.D
Acq On : 06 Nov 2025 16:54
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 06 17:27:48 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 :
MW-1

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	63903	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	245141	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	136285	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	213036	20.000	ng	0.00
76) Chrysene-d12	14.051	240	155402	20.000	ng	0.00
86) Perylene-d12	15.533	264	207385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	321066	78.623	ng	0.00
7) Phenol-d6	6.498	99	270663	58.496	ng	0.00
23) Nitrobenzene-d5	7.434	82	396092	93.319	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	228049	133.345	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	803818	87.111	ng	0.00
79) Terphenyl-d14	12.992	244	740183	75.656	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	119812	70.967	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144191.D
Acq On : 06 Nov 2025 16:54
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 06 17:27:48 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 :
MW-1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
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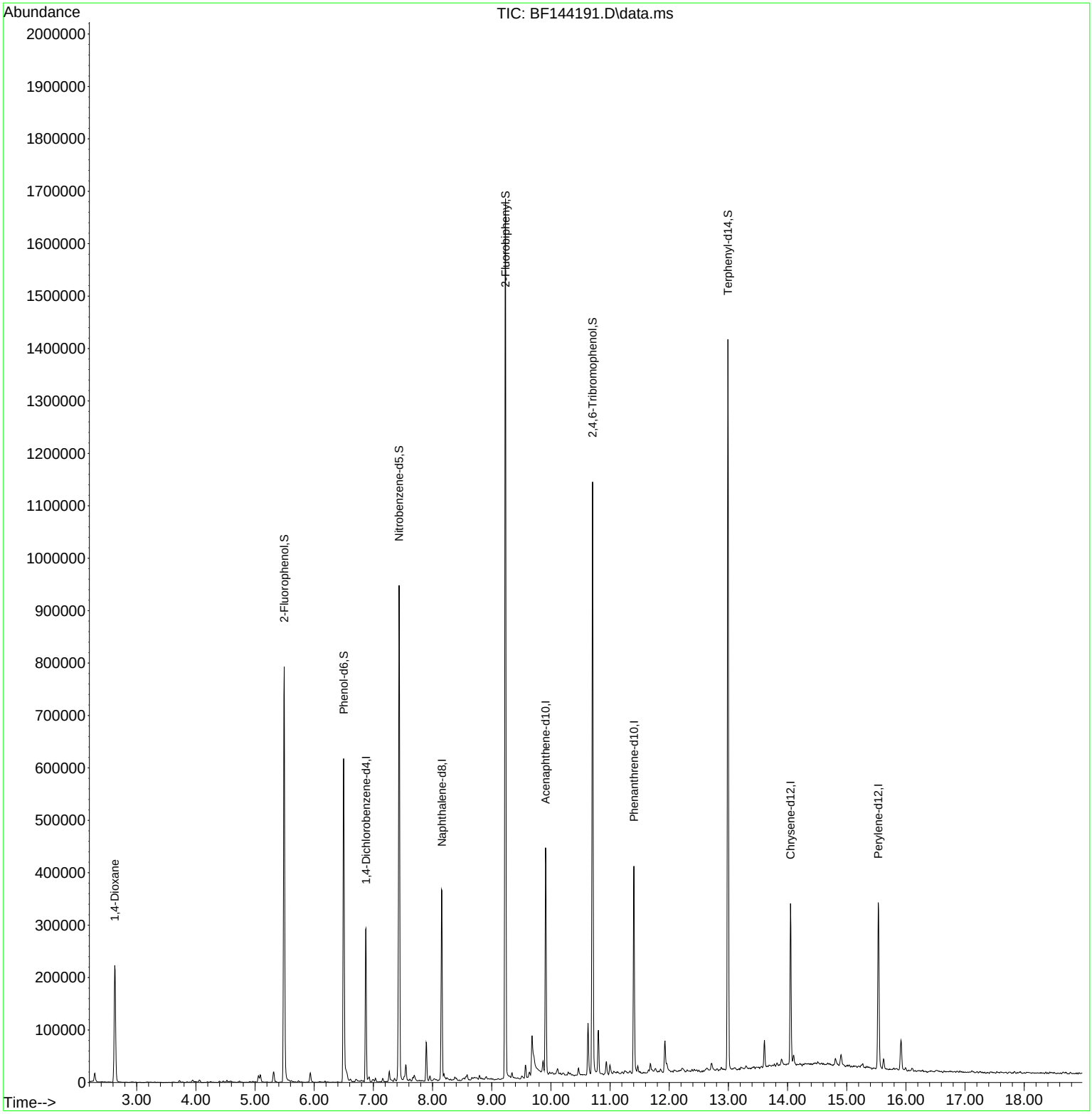
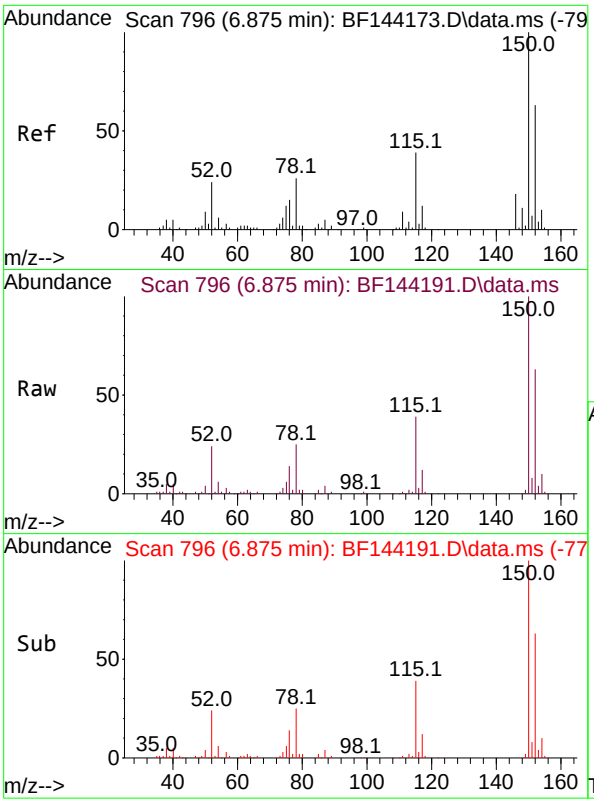
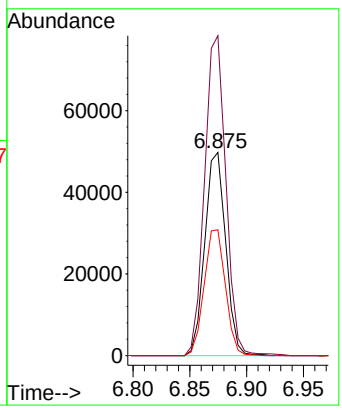




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:152 Resp: 6390

Ion	Ratio	Lower	Upper
152	100		
150	157.6	127.4	191.0
115	61.9	49.5	74.3



Instrument :
BNA_F
ClientSampleId :
MW-1

Manual Integrations
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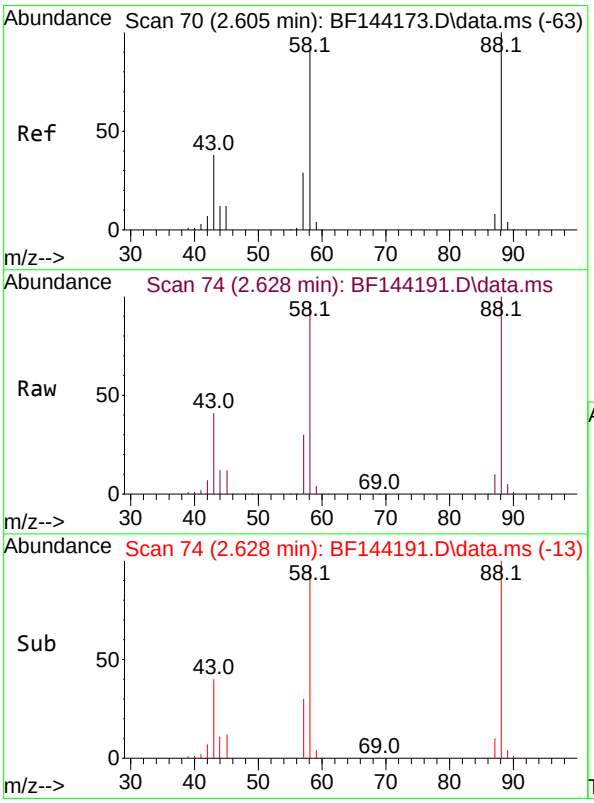
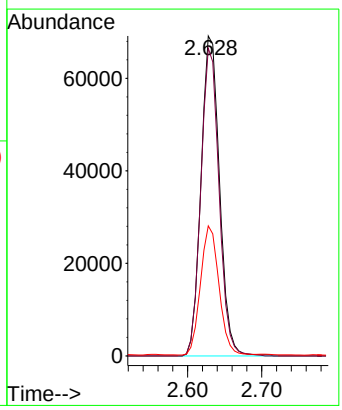
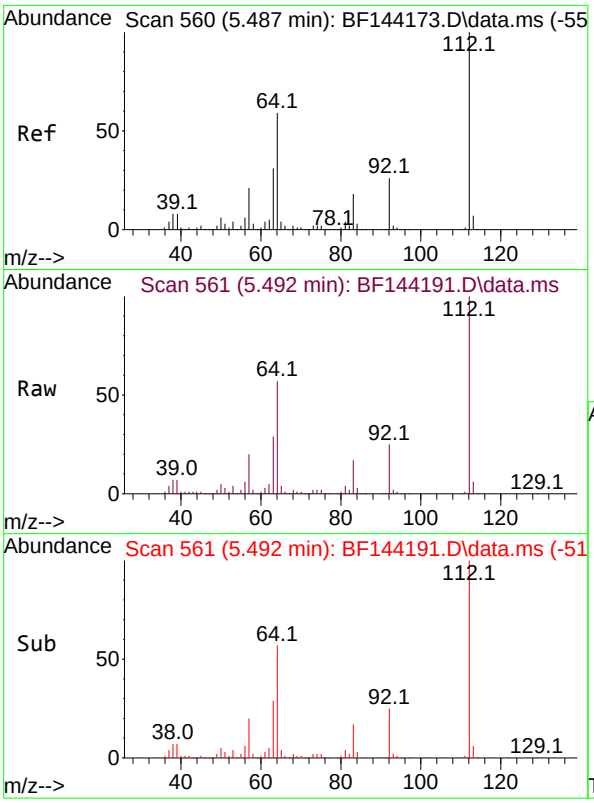


#2
1,4-Dioxane
Concen: 70.967 ng
RT: 2.628 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion: 88 Resp: 119812

Ion	Ratio	Lower	Upper
88	100		
58	94.6	73.1	109.7
43	40.2	31.0	46.6

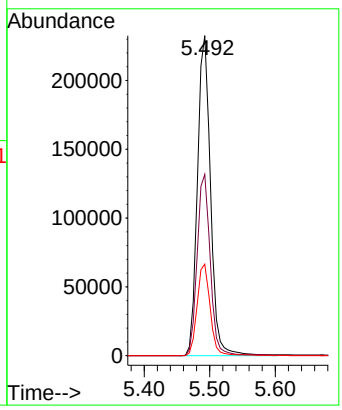




#5
2-Fluorophenol
Concen: 78.623 ng
RT: 5.492 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:112 Resp: 32106

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.2	70.8
63	28.6	24.4	36.6



Instrument :
BNA_F
ClientSampleId :
MW-1

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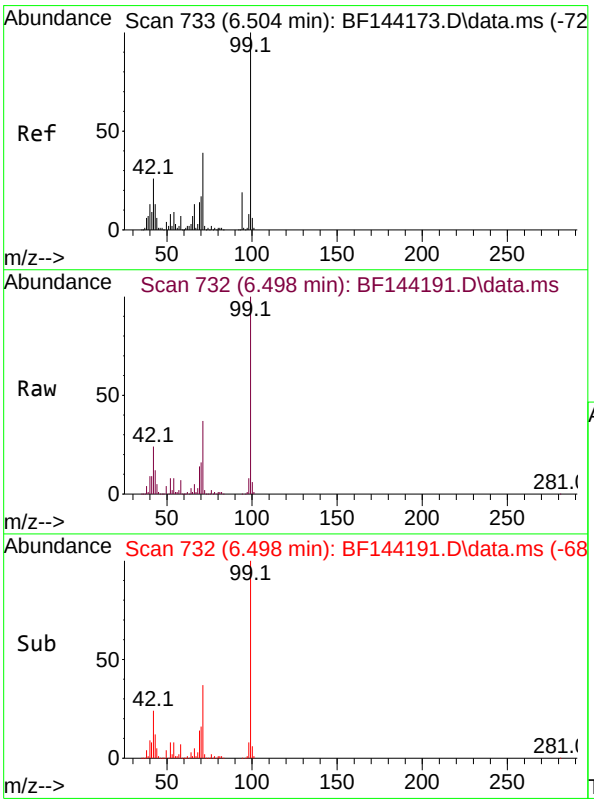
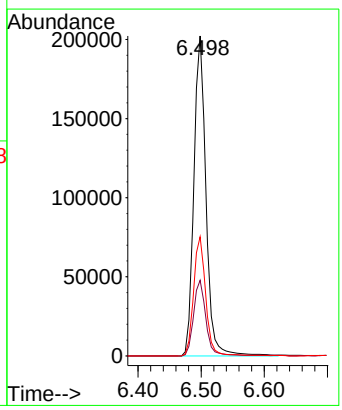
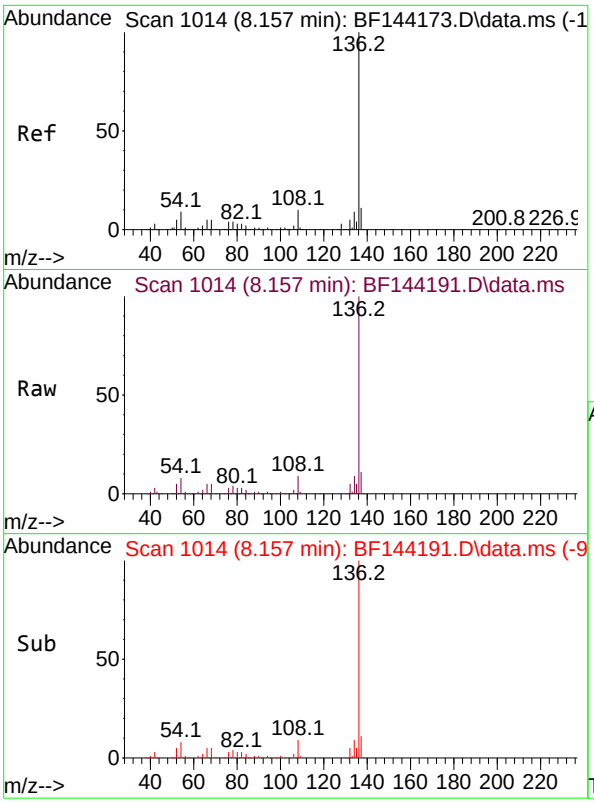


#7
Phenol-d6
Concen: 58.496 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion: 99 Resp: 270663

Ion	Ratio	Lower	Upper
99	100		
42	23.6	20.9	31.3
71	37.2	31.4	47.2

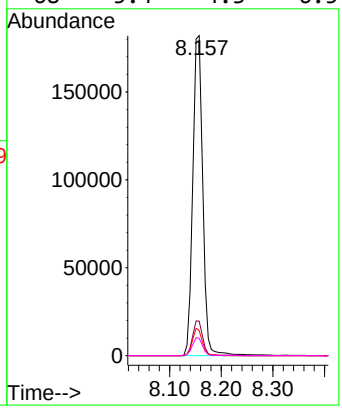




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:136 Resp: 24514

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.9	7.0	10.6
68	5.4	4.3	6.5



Instrument :
BNA_F
ClientSampleId :
MW-1

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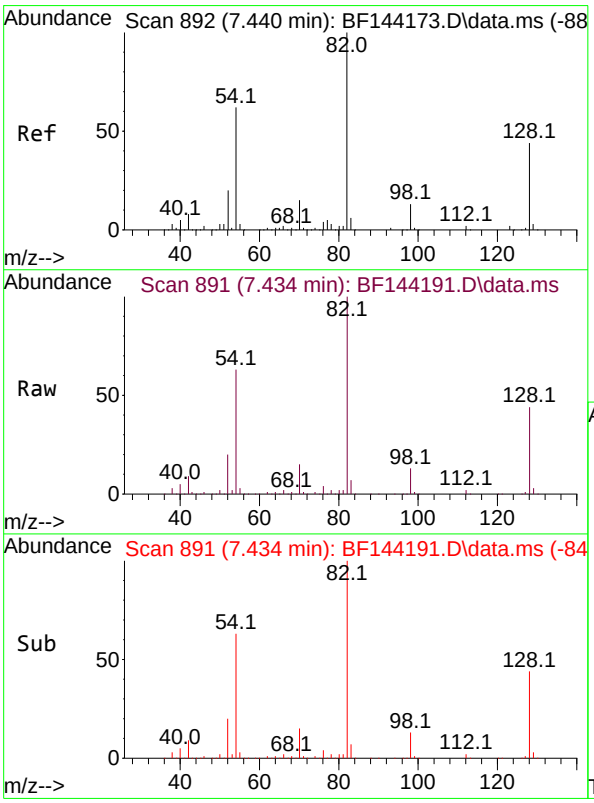
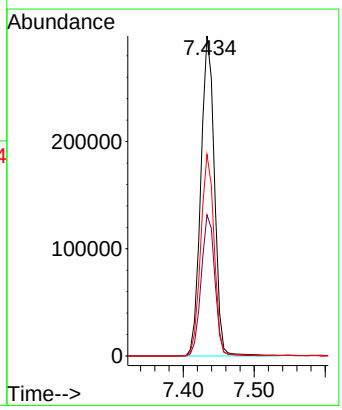
Supervised By :Jagrut Upadhyay 11/10/2025

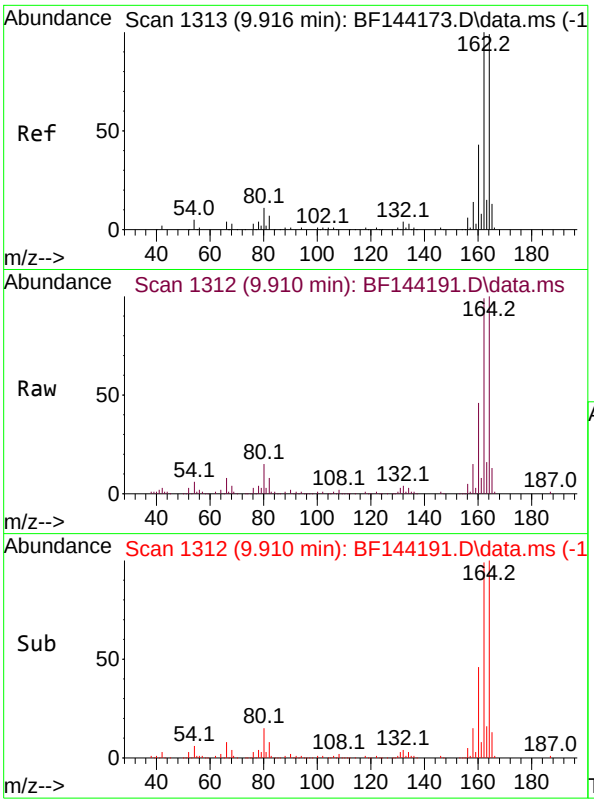


#23
Nitrobenzene-d5
Concen: 93.319 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion: 82 Resp: 396092

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.7	52.1
54	63.0	49.5	74.3

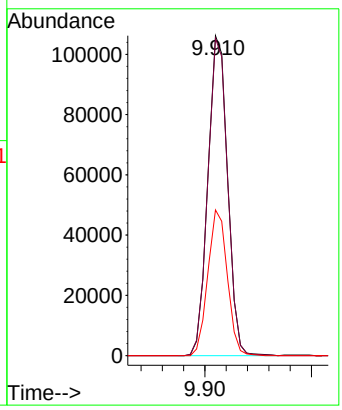




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:164 Resp: 13628

Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.1	121.7
160	45.5	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
MW-1

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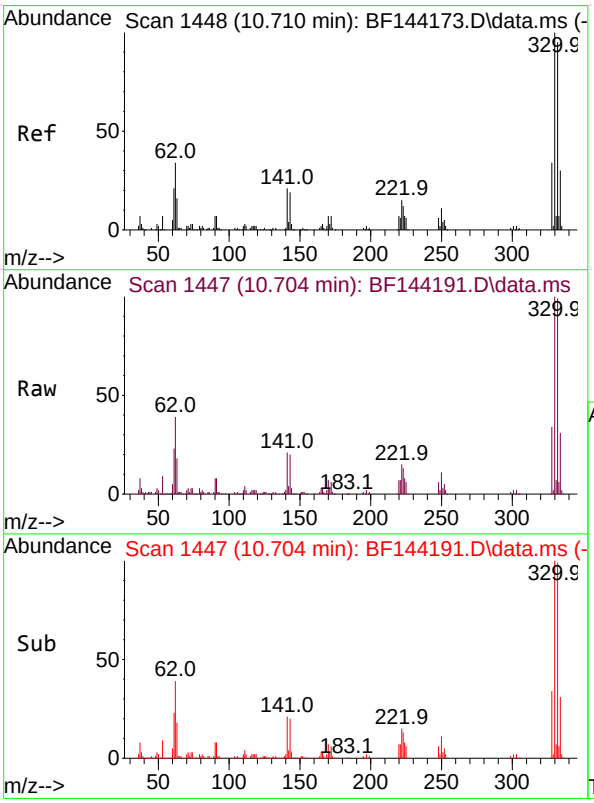
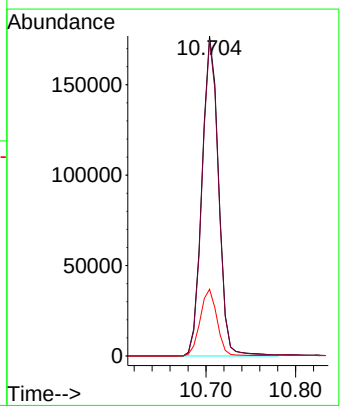
Supervised By :Jagrut Upadhyay 11/10/2025

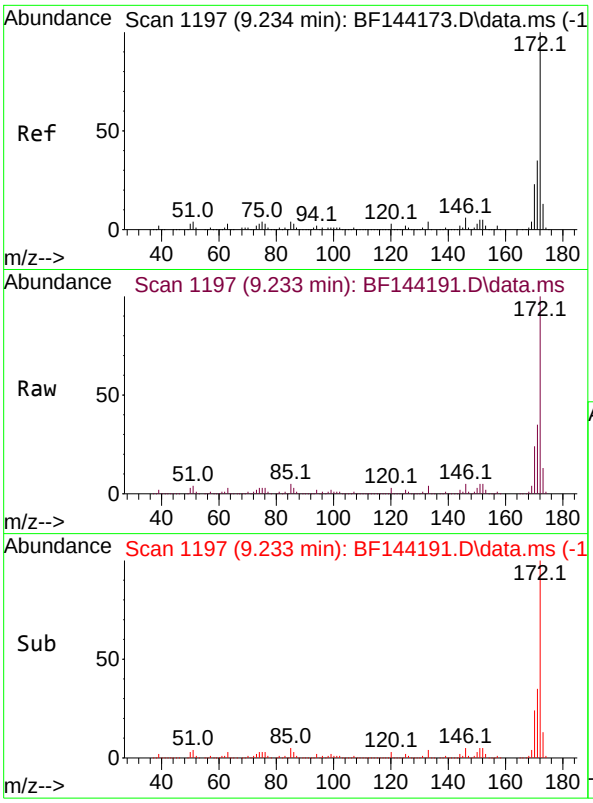


#42
2,4,6-Tribromophenol
Concen: 133.345 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:330 Resp: 228049

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.7	115.1
141	21.1	17.8	26.8

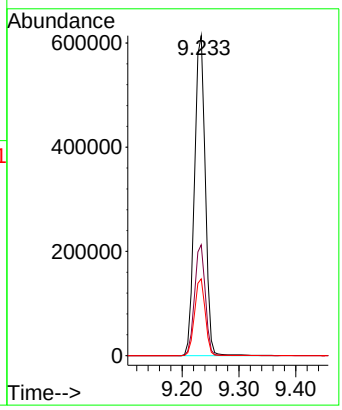




#45
2-Fluorobiphenyl
Concen: 87.111 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:172 Resp: 803818

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



Instrument :
BNA_F
ClientSampleId :
MW-1

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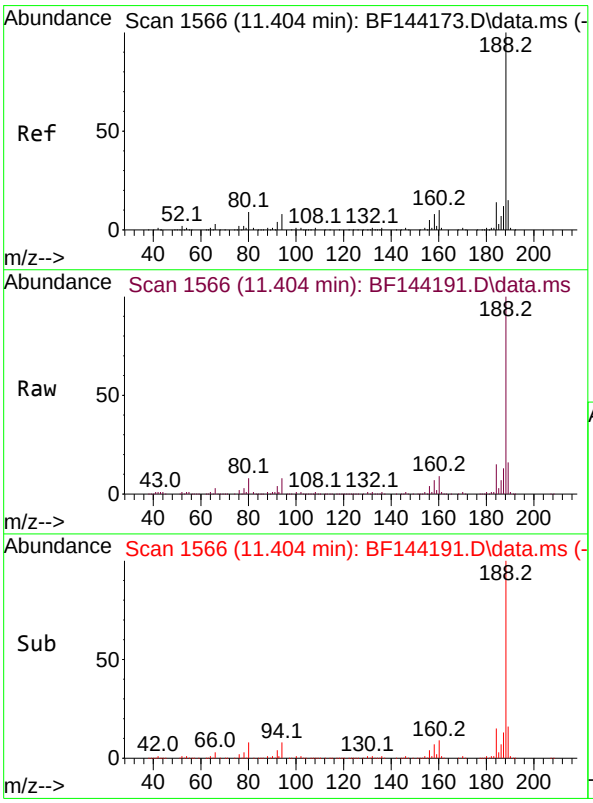
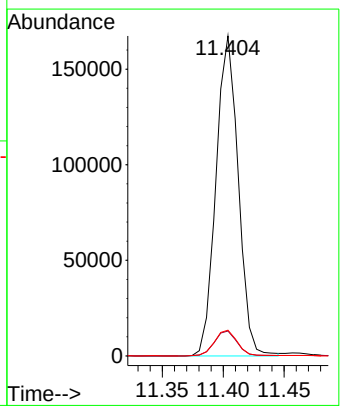
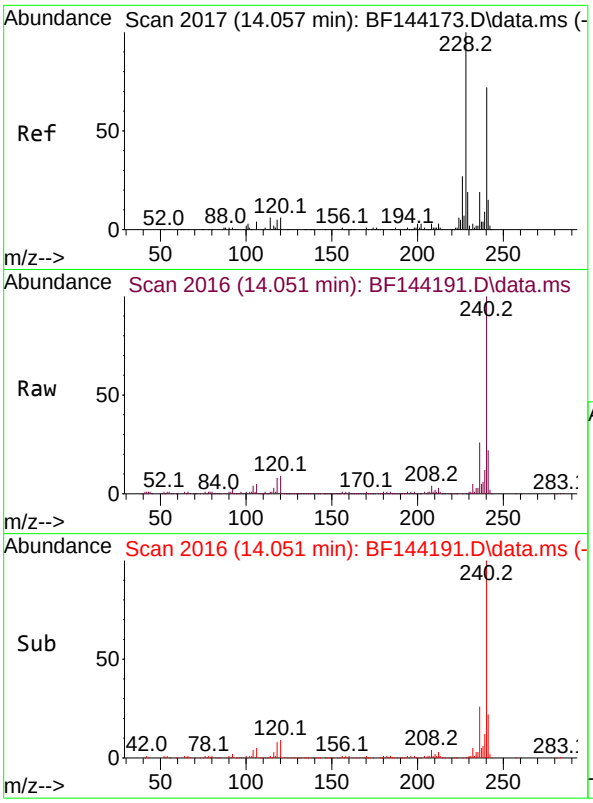


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:188 Resp: 213036

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.2
80	8.0	6.9	10.3

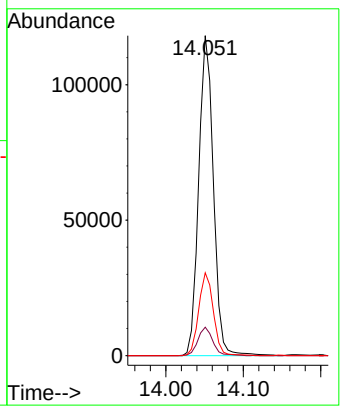




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:240 Resp: 15540

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.6	10.0
236	25.9	21.4	32.2



Instrument :
BNA_F
ClientSampleId :
MW-1

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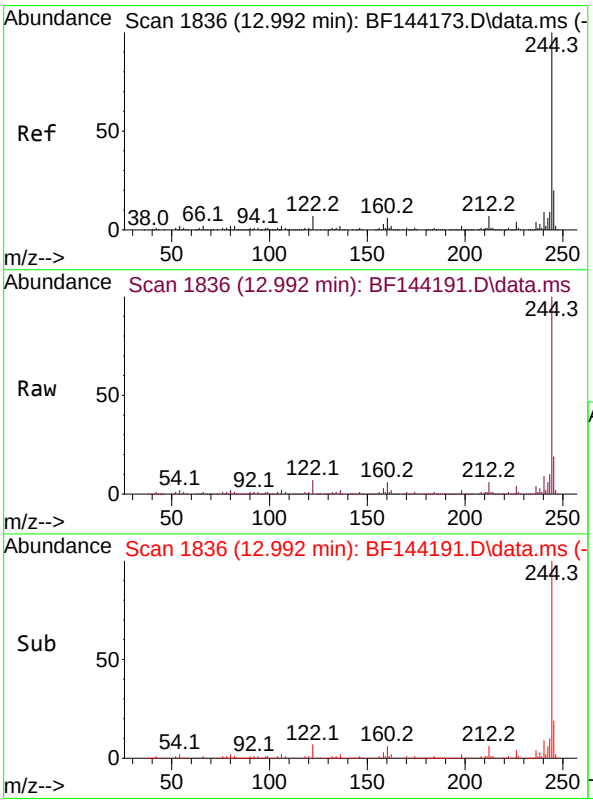
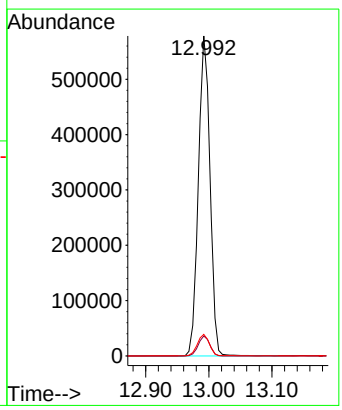
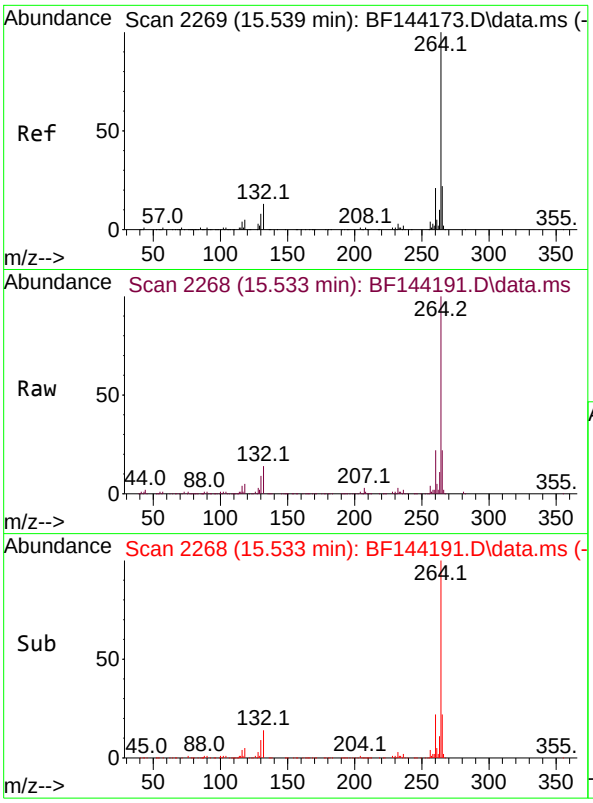


#79
Terphenyl-d14
Concen: 75.656 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:244 Resp: 740183

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.3	7.9
122	6.7	5.6	8.4

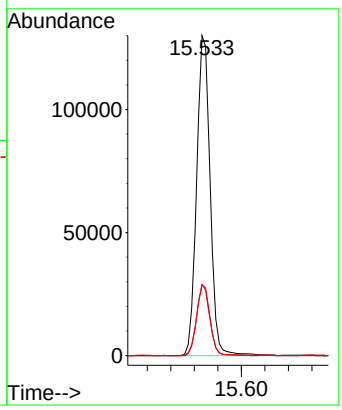




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:264 Resp: 20738

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.1	25.7
265	22.2	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
MW-1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Sample Results: **BF144191.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144191.D
Acq On : 06 Nov 2025 16:54
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

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

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

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

Signal : TIC: BF144191.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.293	12	17	26	rVB	16693	27940	1.28%	0.211%
2	2.628	68	74	87	rBV	222520	383753	17.52%	2.893%
3	5.316	521	531	535	rBV	19758	33633	1.54%	0.254%
4	5.492	555	561	573	rBV	791613	1083977	49.47%	8.172%
5	5.934	631	636	646	rVB2	17966	29299	1.34%	0.221%
6	6.498	727	732	748	rBV	617150	856830	39.11%	6.459%
7	6.875	791	796	800	rBV	292375	382390	17.45%	2.883%
8	7.269	858	863	874	rBV2	19244	31979	1.46%	0.241%
9	7.434	883	891	902	rBV	945236	1269793	57.96%	9.573%
10	7.545	902	910	916	rVB	29038	49990	2.28%	0.377%
11	7.892	964	969	976	rBV	74025	99792	4.55%	0.752%
12	8.151	1006	1013	1018	rBV	363566	483697	22.08%	3.646%
13	9.233	1191	1197	1202	rBV	1677497	2190973	100.00%	16.517%
14	9.569	1251	1254	1258	rBV2	24604	31933	1.46%	0.241%
15	9.680	1269	1273	1299	rBV	75394	247733	11.31%	1.868%
16	9.869	1301	1305	1308	rVV3	25790	39896	1.82%	0.301%
17	9.910	1308	1312	1320	rVB	432186	560148	25.57%	4.223%
18	10.627	1429	1434	1441	rBV	98648	136747	6.24%	1.031%
19	10.704	1441	1447	1457	rVV	1130340	1467695	66.99%	11.065%
20	10.804	1459	1464	1472	rVB	83156	109267	4.99%	0.824%
21	10.939	1482	1487	1493	rVB	24565	38891	1.78%	0.293%
22	10.998	1493	1497	1505	rBV3	18493	32805	1.50%	0.247%
23	11.404	1561	1566	1574	rBV	394871	510449	23.30%	3.848%
24	11.680	1610	1613	1622	rVB	14554	22118	1.01%	0.167%
25	11.927	1650	1655	1667	rBV2	60203	118970	5.43%	0.897%
26	12.716	1785	1789	1799	rVB2	13319	26265	1.20%	0.198%
27	12.992	1830	1836	1841	rBV	1392580	1788803	81.64%	13.485%
28	13.610	1936	1941	1947	rBV	52148	69989	3.19%	0.528%
29	14.051	2011	2016	2021	rBV	305296	400157	18.26%	3.017%
30	14.104	2022	2025	2033	rVB5	18907	30279	1.38%	0.228%
31	14.810	2142	2145	2155	rVB10	13505	26868	1.23%	0.203%
32	14.904	2157	2161	2173	rVB4	22723	50166	2.29%	0.378%
33	15.533	2262	2268	2279	rVV	316779	506548	23.12%	3.819%
34	15.621	2279	2283	2289	rVB8	19076	29668	1.35%	0.224%
35	15.915	2328	2333	2342	rVB3	56116	95355	4.35%	0.719%

Sample Results: **BF144191.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144191.D
Acq On : 06 Nov 2025 16:54
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

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

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

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

Sum of corrected areas: 13264796

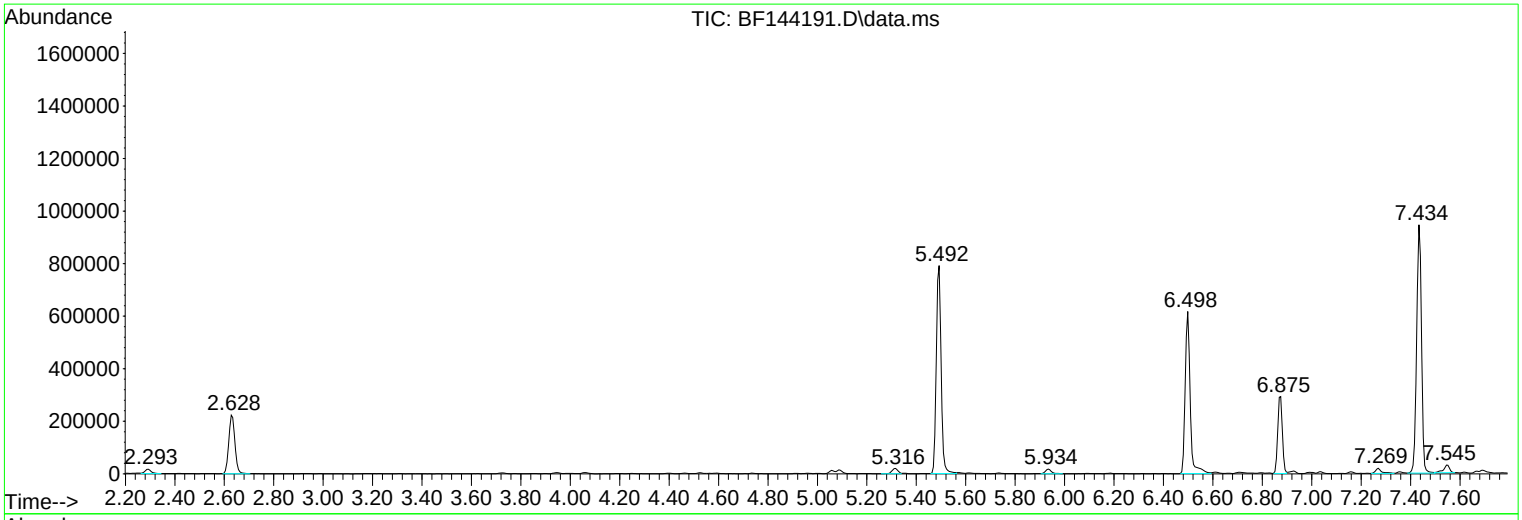
Sample Results: **BF144191.D**

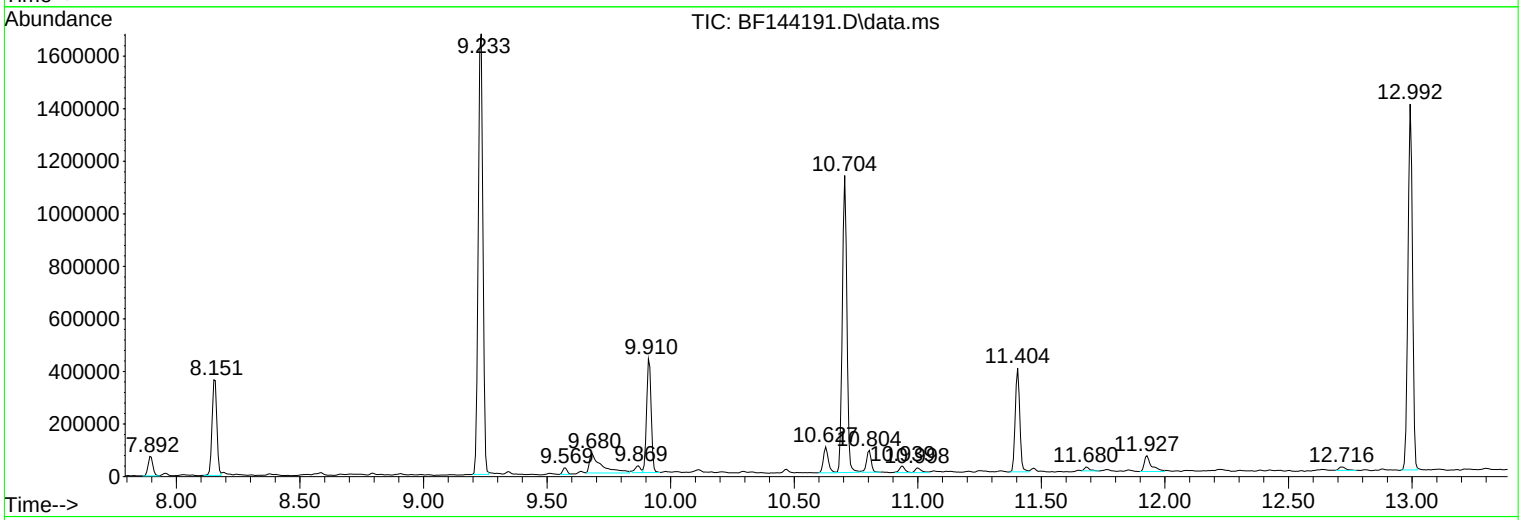
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144191.D
Acq On : 06 Nov 2025 16:54
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

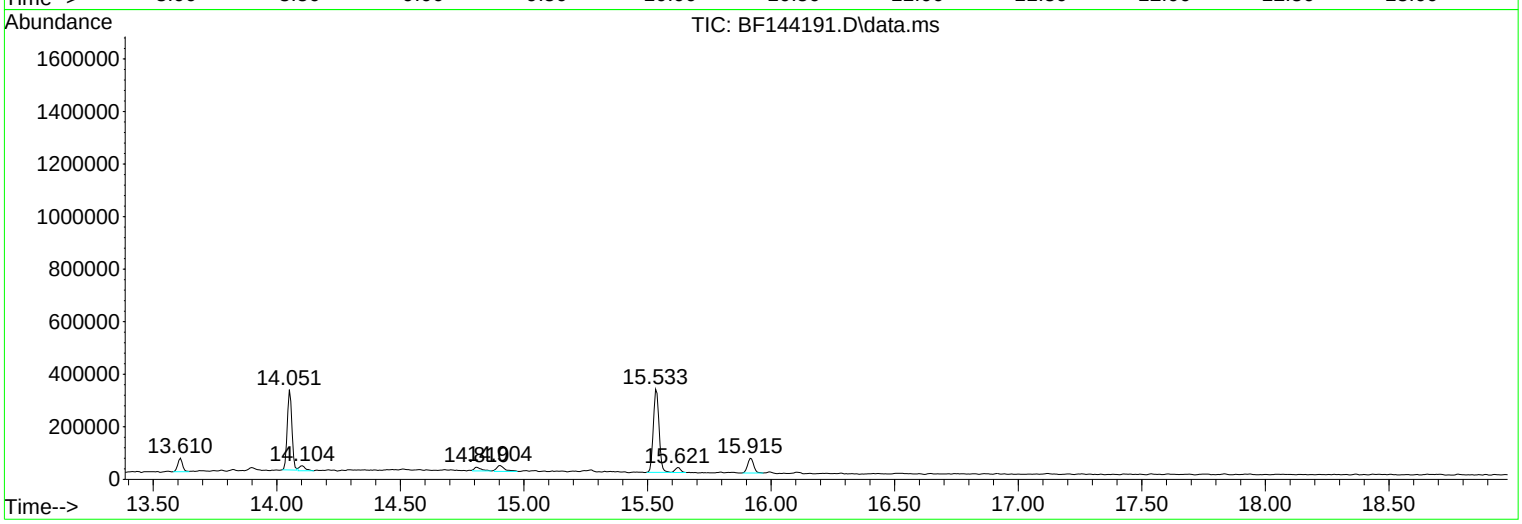
Instrument :
BNA_F
ClientSampleId :
MW-1

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\BF110625\
Data File : BF144191.D
Acq On : 06 Nov 2025 16:54
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

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

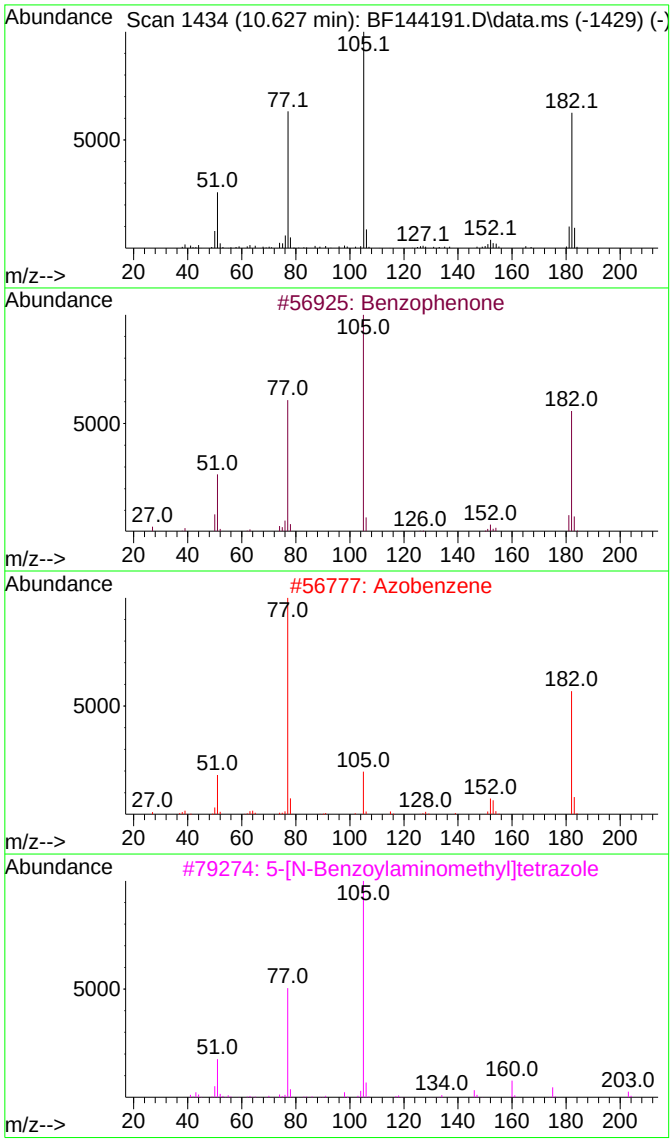
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

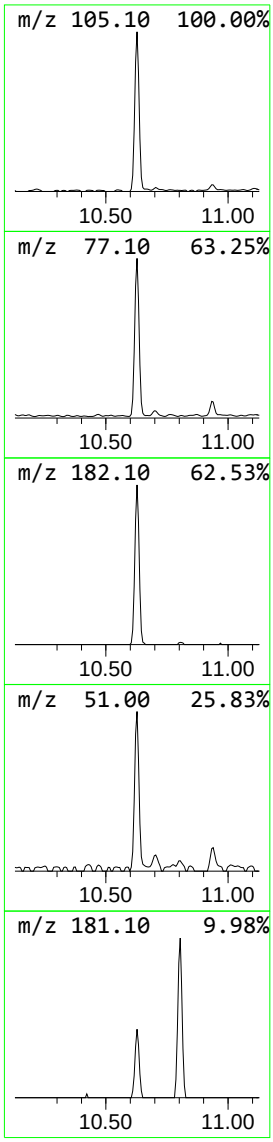
****

Peak Number 4 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	4.88 ng	136747	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	47
3	5-[N-Benzoylaminomethyl]tetrazole	203	C9H9N5O	1000227-36-3	43
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	43





Sample Results: **BF144191.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144191.D
Acq On : 06 Nov 2025 16:54
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

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	10.628	4.9	ng	136747	3	9.910	560148	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026082.D
Acq On : 06 Nov 2025 18:26
Operator : RC/JU
Sample : Q3534-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Time: Nov 07 01:01:30 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

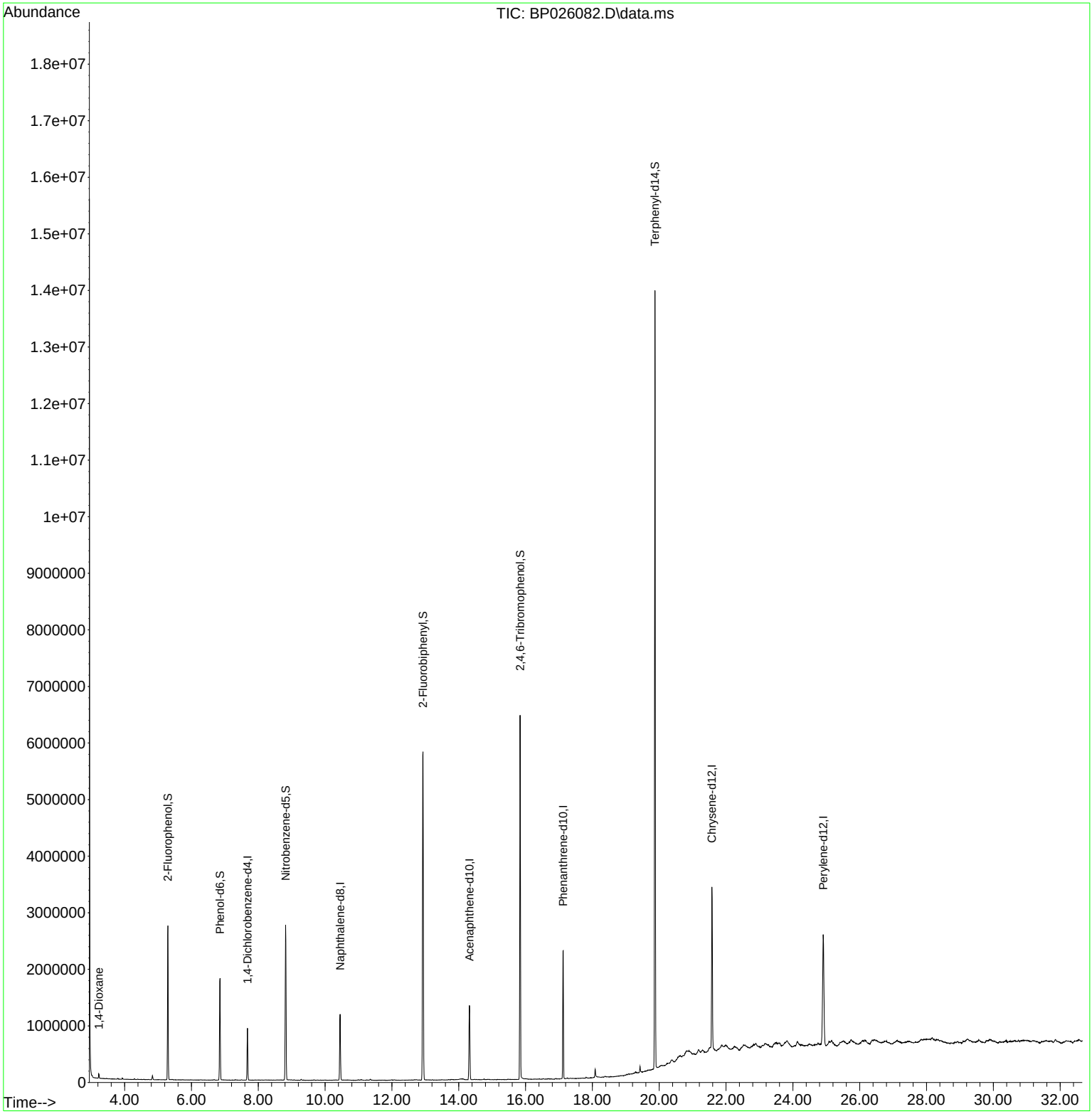
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	246596	20.000	ng	-0.01
21) Naphthalene-d8	10.448	136	961848	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	600974	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1364168	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1768109	20.000	ng	0.01
86) Perylene-d12	24.907	264	2046411	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1162965	77.820	ng	0.00
7) Phenol-d6	6.855	99	1035158	54.421	ng	0.00
23) Nitrobenzene-d5	8.819	82	1589635	103.028	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	1219849	187.752	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	3634552	86.902	ng	0.00
79) Terphenyl-d14	19.871	244	7325193	84.172	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	36187	5.744	ng	# 85

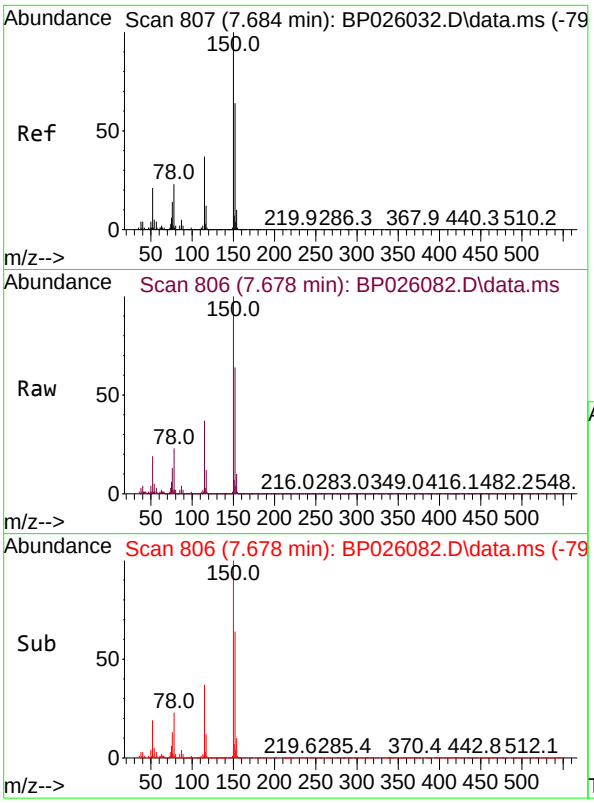
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026082.D
Acq On : 06 Nov 2025 18:26
Operator : RC/JU
Sample : Q3534-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Time: Nov 07 01:01:30 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



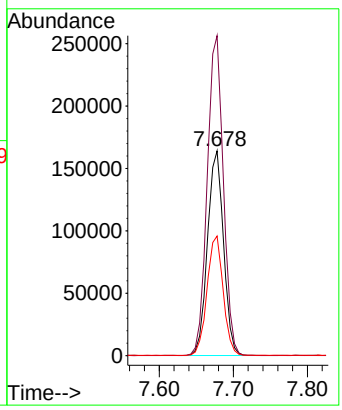


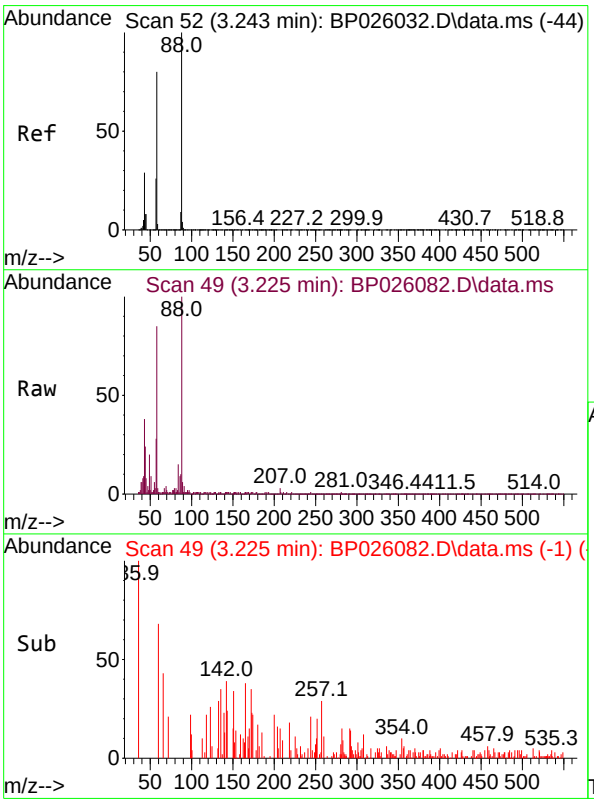
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-11

Tgt Ion:152 Resp: 246596

Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.7	188.5
115	58.4	46.4	69.6

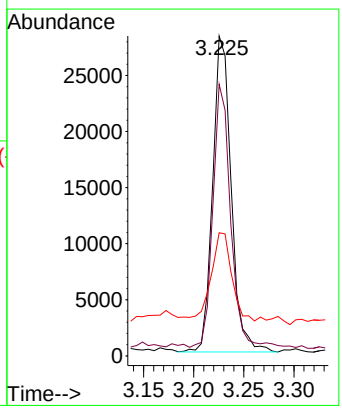


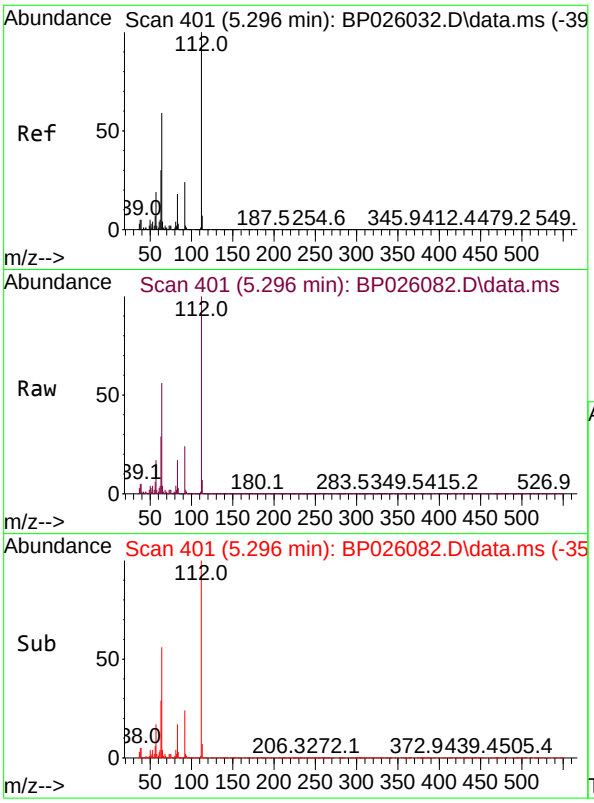


#2
1,4-Dioxane
Concen: 5.744 ng
RT: 3.225 min Scan# 49
Delta R.T. -0.012 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion: 88 Resp: 36187

Ion	Ratio	Lower	Upper
88	100		
58	81.1	65.4	98.0
43	0.0	23.1	34.7#



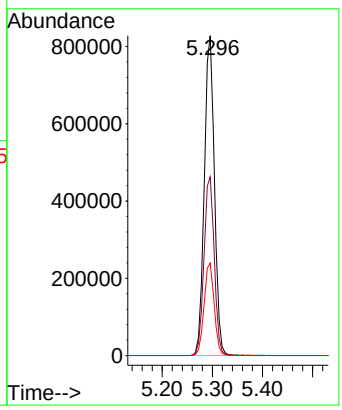


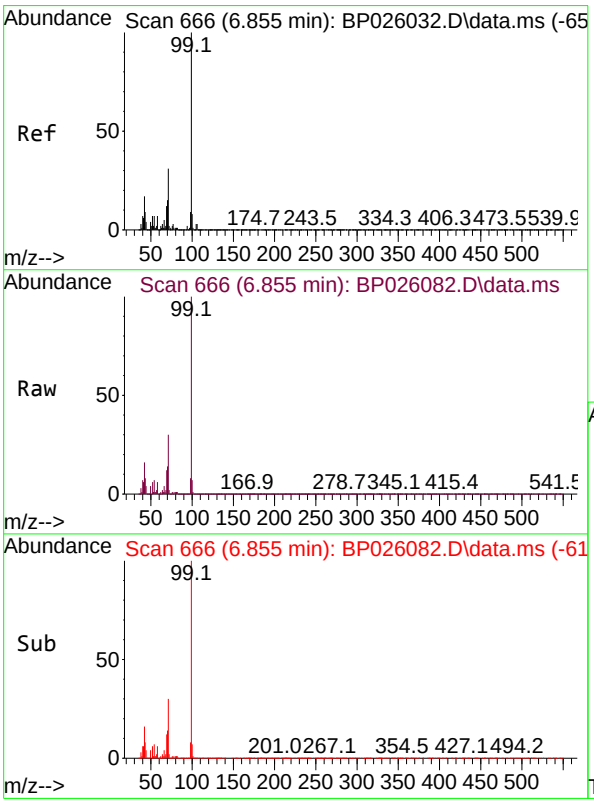
#5
2-Fluorophenol
Concen: 77.820 ng
RT: 5.296 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-11

Tgt Ion:112 Resp: 1162965

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.4	71.2
63	28.9	24.2	36.4

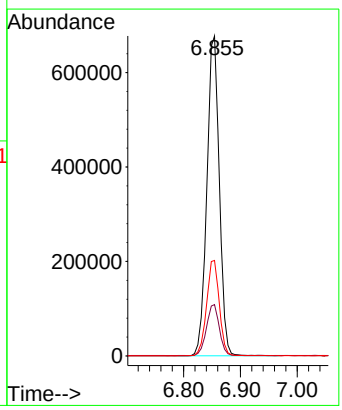


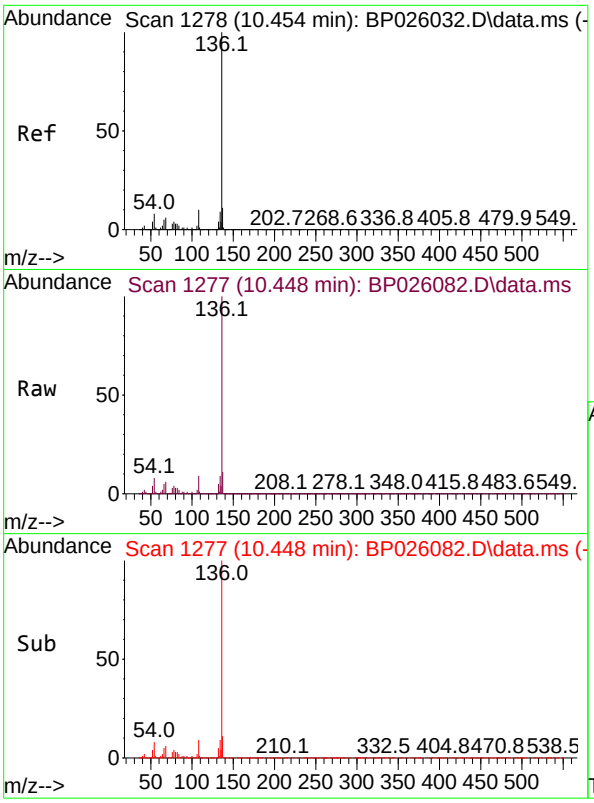


#7
Phenol-d6
Concen: 54.421 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion: 99 Resp: 1035158

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.7	20.5
71	29.9	24.4	36.6



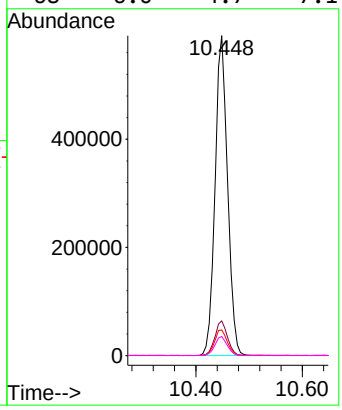


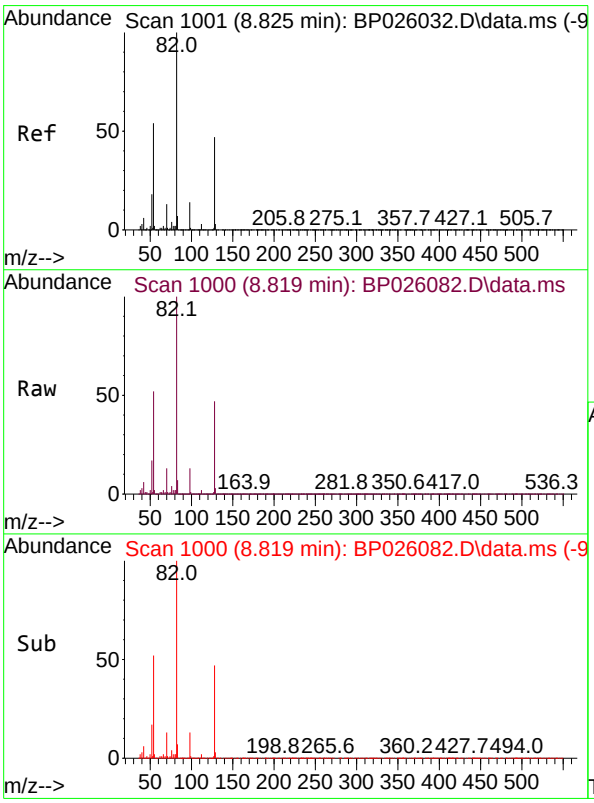
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.448 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-11

Tgt Ion:136 Resp: 961848

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	6.6	10.0
68	6.0	4.7	7.1

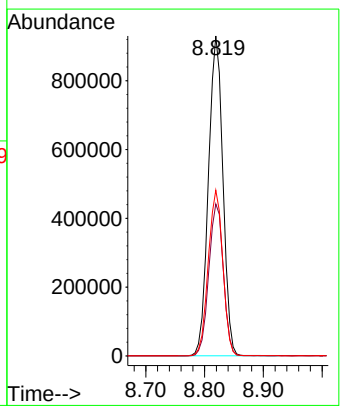


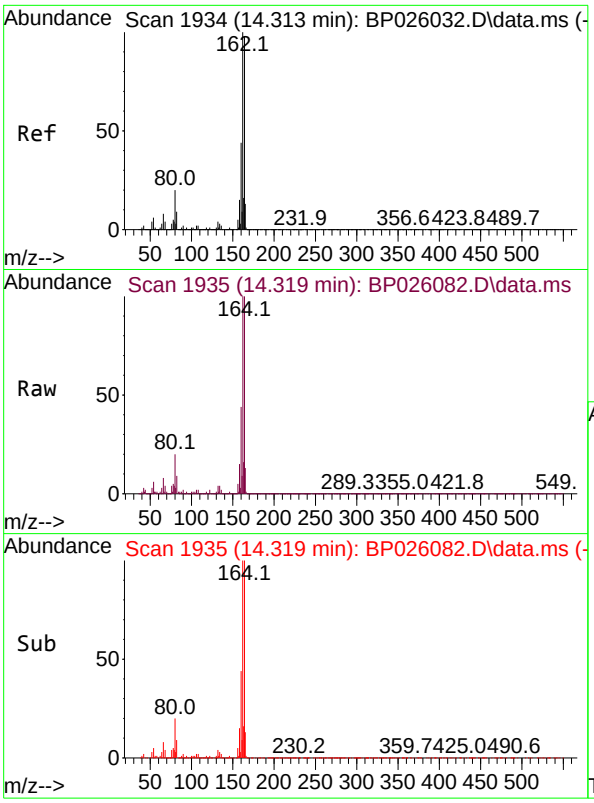


#23
Nitrobenzene-d5
Concen: 103.028 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion: 82 Resp: 1589635

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.0
54	51.8	42.7	64.1



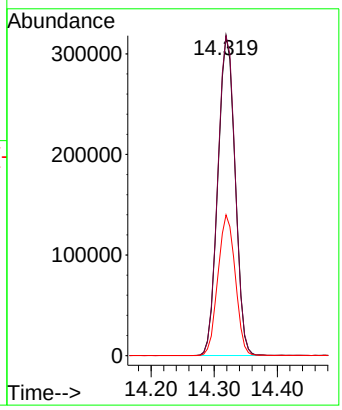


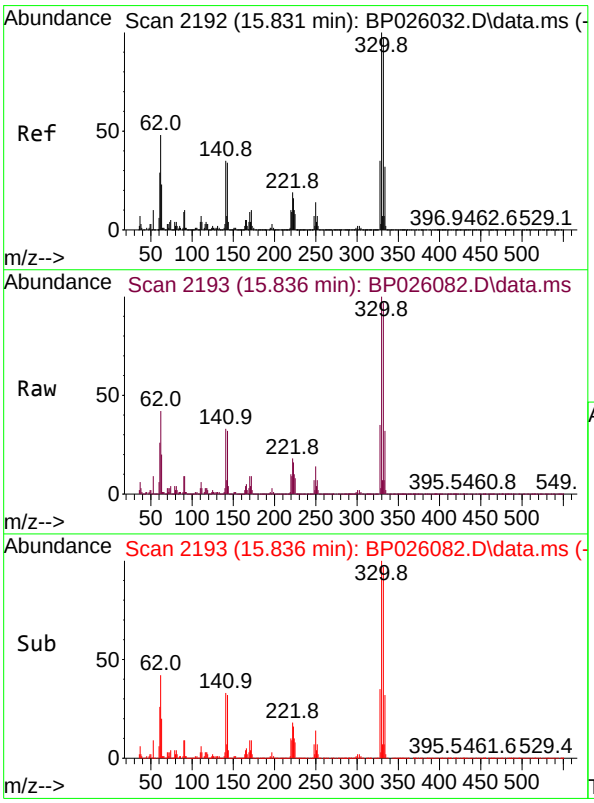
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-11

Tgt Ion:164 Resp: 600974

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.5	122.3
160	44.0	36.2	54.4

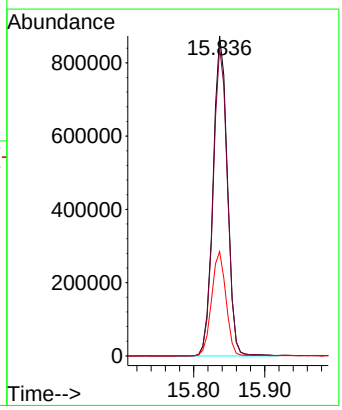


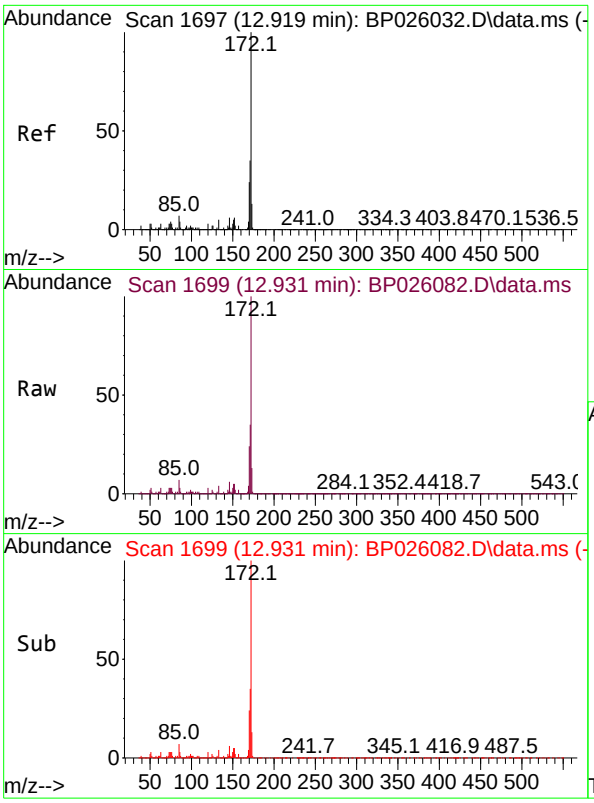


#42
2,4,6-Tribromophenol
Concen: 187.752 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion:330 Resp: 1219849

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	32.9	28.6	42.8



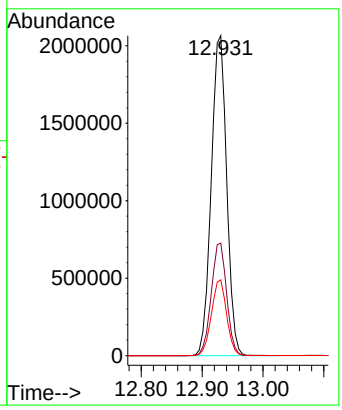


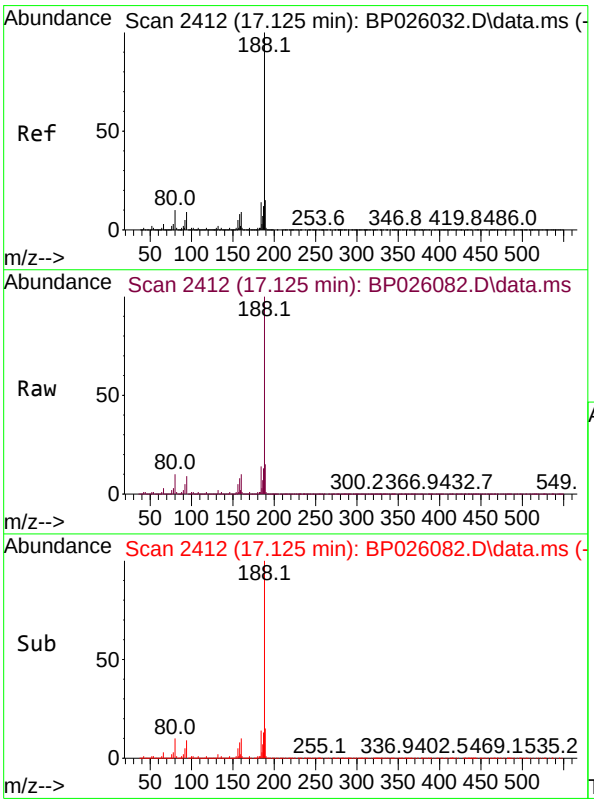
#45
2-Fluorobiphenyl
Concen: 86.902 ng
RT: 12.931 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-11

Tgt Ion:172 Resp: 3634552

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.7	19.0	28.4

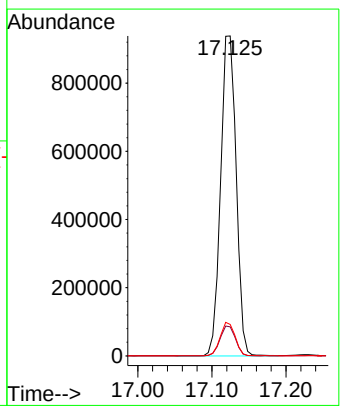


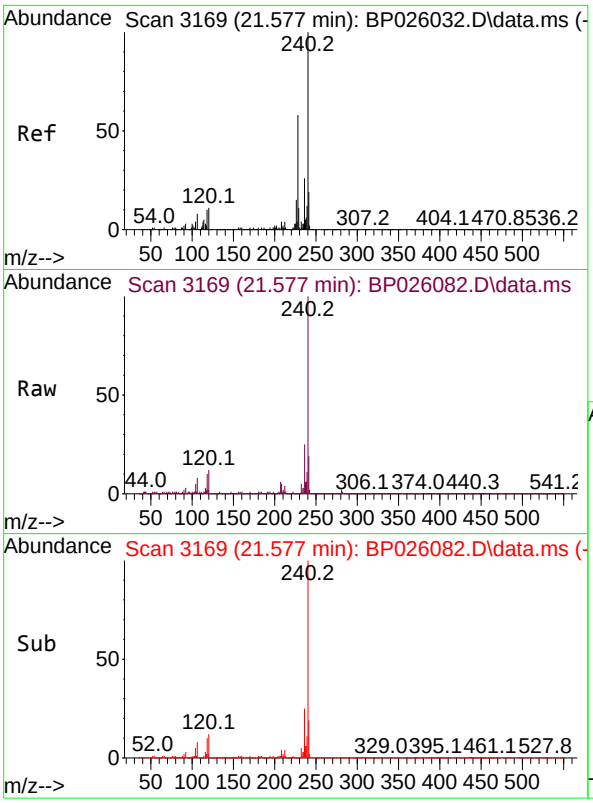


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion:188 Resp: 1364168

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	9.8	7.9	11.9



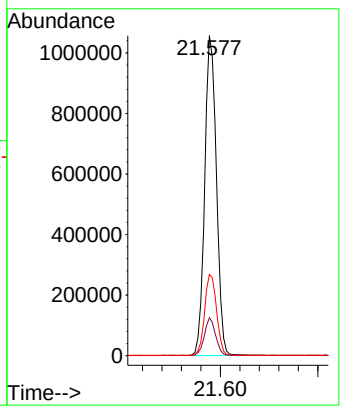


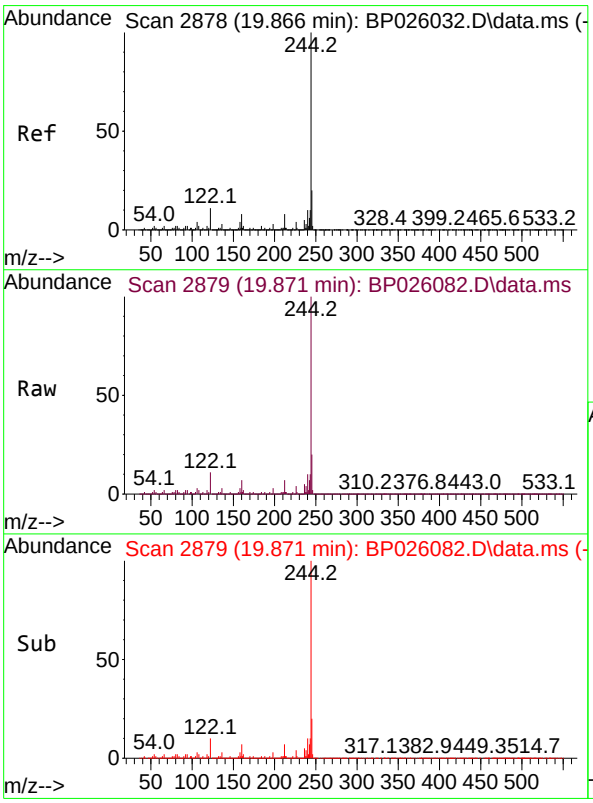
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-11

Tgt Ion:240 Resp: 1768109

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	25.4	20.6	31.0

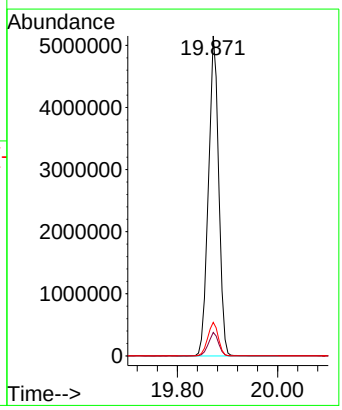


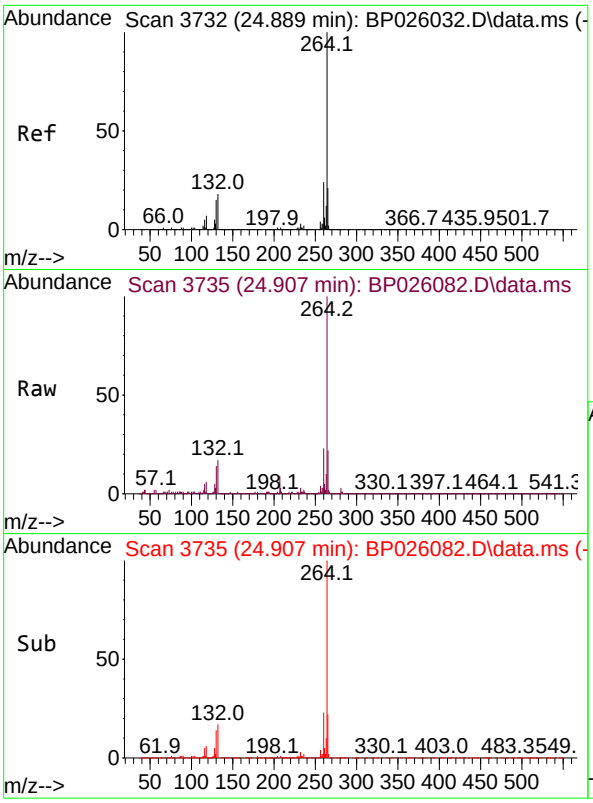


#79
Terphenyl-d14
Concen: 84.172 ng
RT: 19.871 min Scan# 2879
Delta R.T. 0.006 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion:244 Resp: 7325193

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.5	9.0	13.6



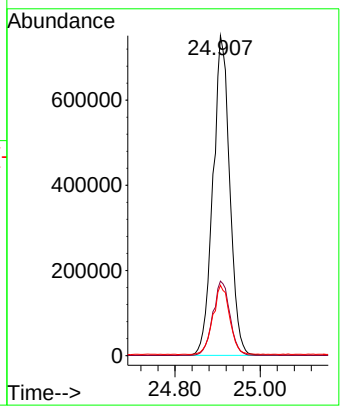


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-11

Tgt Ion:264 Resp: 2046411

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	22.0	17.2	25.8



Sample Results: **BP026082.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026082.D
Acq On : 06 Nov 2025 18:26
Operator : RC/JU
Sample : Q3534-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

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: BP026082.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.296	394	401	410	rBV	2723733	3852392	19.67%	5.516%
2	6.855	659	666	674	rBV	1797024	2785863	14.23%	3.989%
3	7.678	799	806	813	rBV	918906	1396402	7.13%	2.000%
4	8.819	991	1000	1009	rBV	2742184	4731996	24.16%	6.776%
5	10.448	1269	1277	1287	rVB	1164236	1896637	9.68%	2.716%
6	12.931	1690	1699	1707	rBV	5803413	10218047	52.18%	14.631%
7	14.319	1927	1935	1945	rBV	1314051	2511198	12.82%	3.596%
8	15.836	2186	2193	2212	rBV	6438923	9155436	46.75%	13.110%
9	17.125	2406	2412	2423	rVB2	2263886	3314265	16.92%	4.746%
10	18.083	2570	2575	2586	rBV3	144768	258273	1.32%	0.370%
11	19.871	2872	2879	2886	rBV	13760713	19583722	100.00%	28.042%
12	21.577	3163	3169	3178	rVB2	2860589	4790941	24.46%	6.860%
13	24.907	3727	3735	3748	rVB	1964653	5341210	27.27%	7.648%

Sum of corrected areas: 69836382

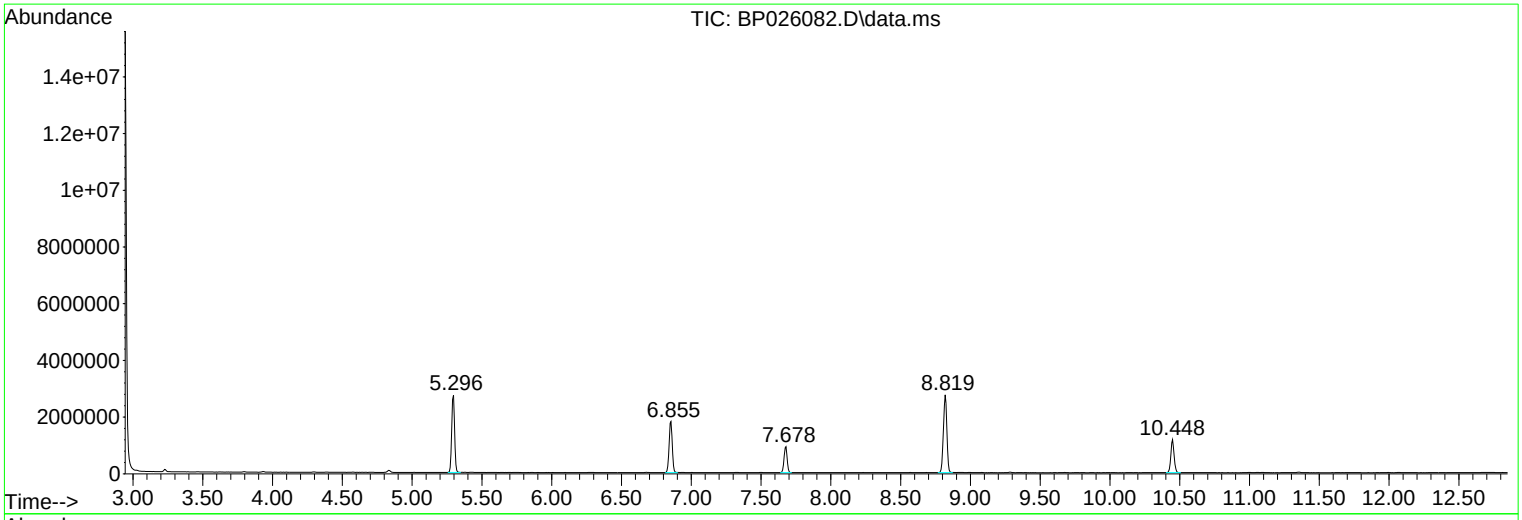
Sample Results: **BP026082.D**

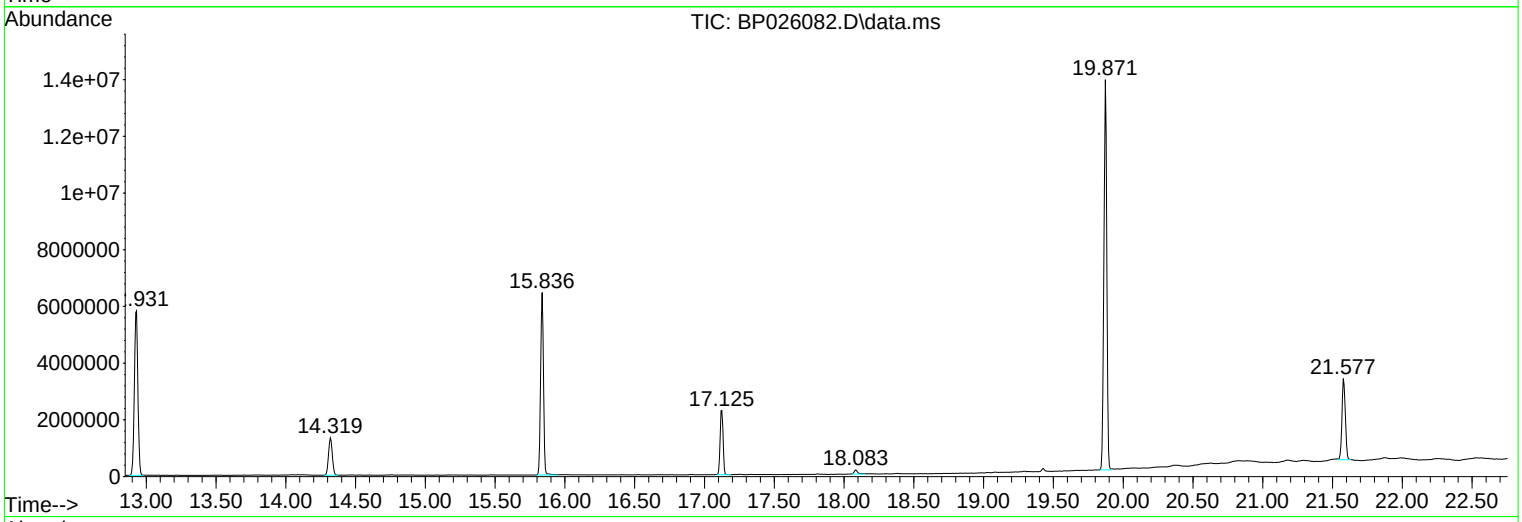
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026082.D
Acq On : 06 Nov 2025 18:26
Operator : RC/JU
Sample : Q3534-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

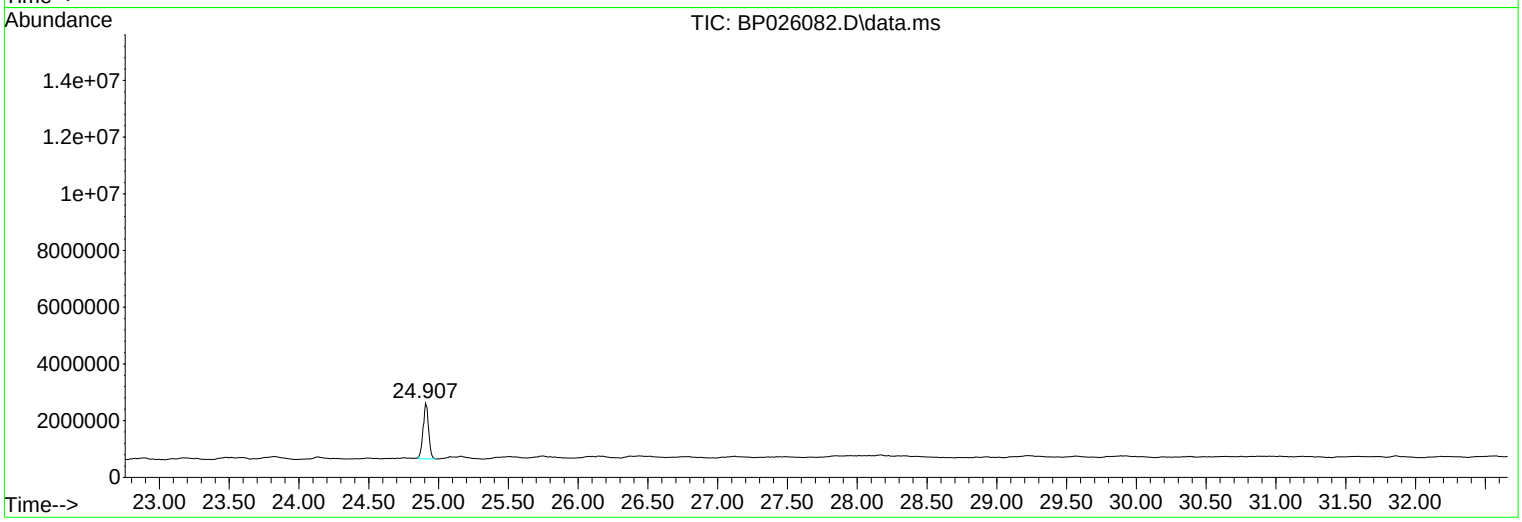
Instrument :
BNA_P
ClientSampleId :
MW-11

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







Library Search Compound Report

Sample Results: **BP026082.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026082.D
Acq On : 06 Nov 2025 18:26
Operator : RC/JU
Sample : Q3534-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

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

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026082.D
Acq On : 06 Nov 2025 18:26
Operator : RC/JU
Sample : Q3534-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

Quant Time: Nov 07 01:01:57 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

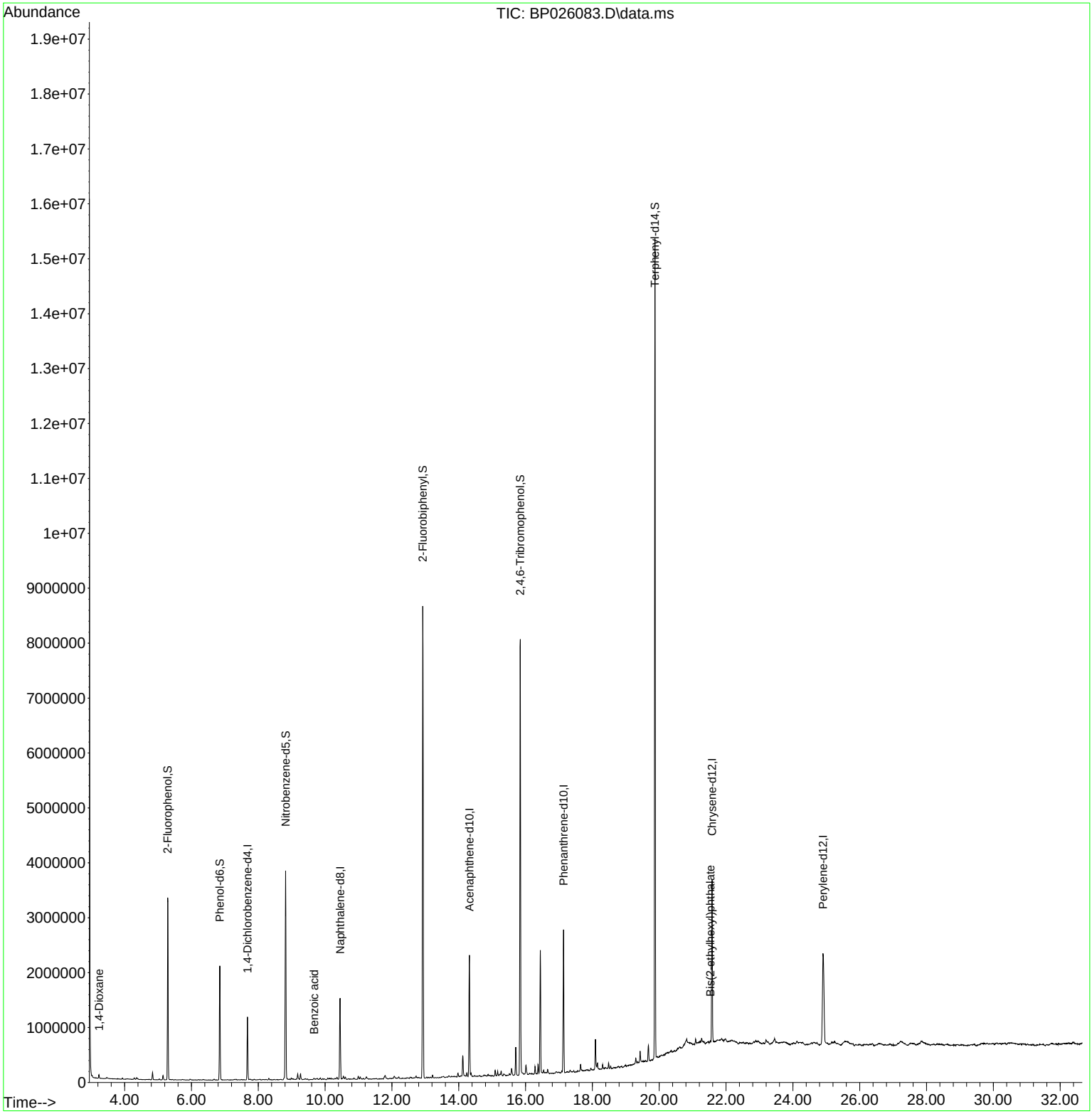
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	318473	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1283462	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	829933	20.000	ng	0.00
64) Phenanthrene-d10	17.137	188	1657805	20.000	ng	0.01
76) Chrysene-d12	21.583	240	1728941	20.000	ng	0.02
86) Perylene-d12	24.901	264	2004698	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1447269	74.987	ng	0.00
7) Phenol-d6	6.849	99	1183337	48.171	ng	0.00
23) Nitrobenzene-d5	8.819	82	2092316	101.627	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	1557099	173.543	ng	0.01
45) 2-Fluorobiphenyl	12.925	172	4951321	85.726	ng	0.00
79) Terphenyl-d14	19.872	244	7779259	91.414	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	30263	3.719	ng	# 83
32) Benzoic acid	9.672	122	6394	3.854	ng	95
84) Bis(2-ethylhexyl)phtha...	21.530	149	20473	2.875	ng	# 90

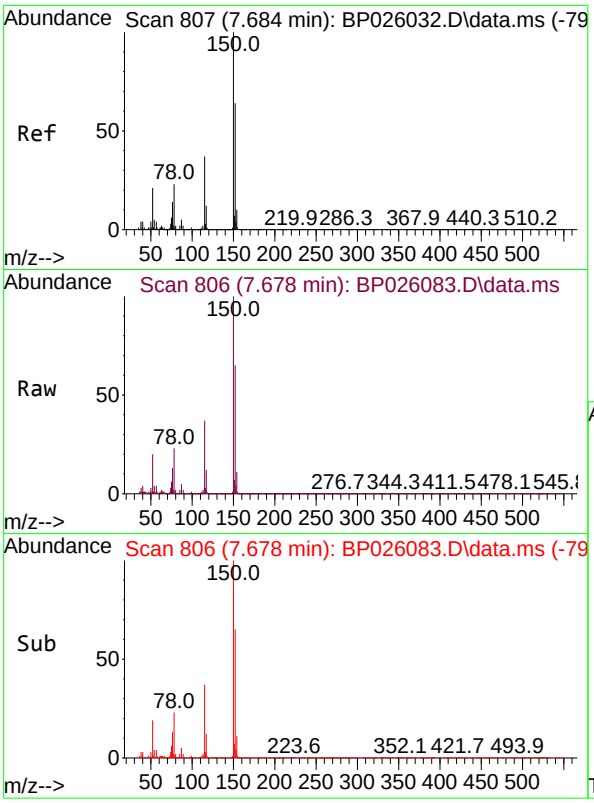
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

Quant Time: Nov 07 01:01:57 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



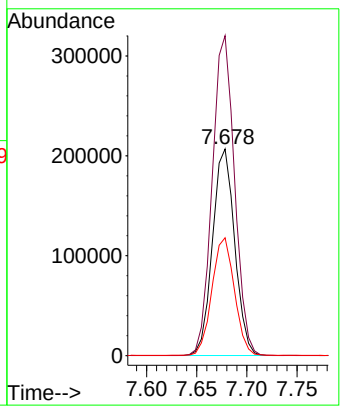


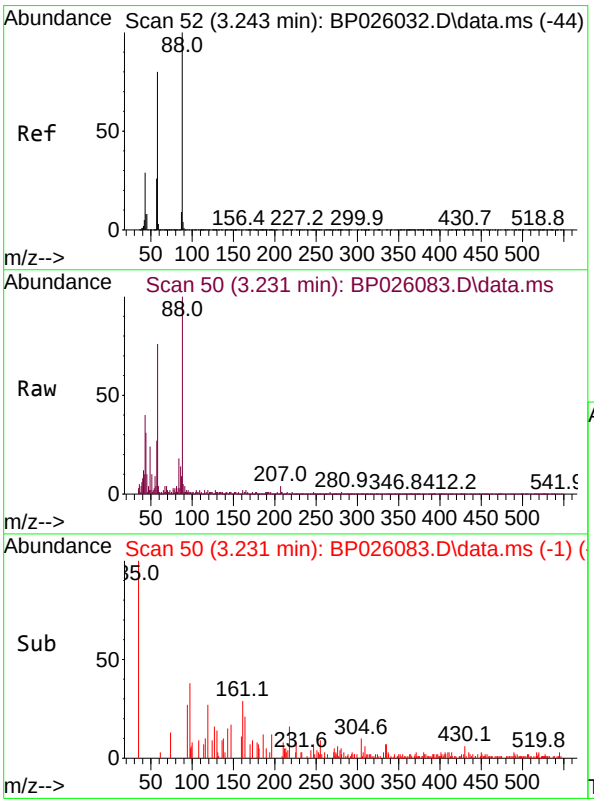
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Instrument :
BNA_P
ClientSampleId :
MW-5

Tgt Ion:152 Resp: 318473

Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.7	188.5
115	57.0	46.4	69.6

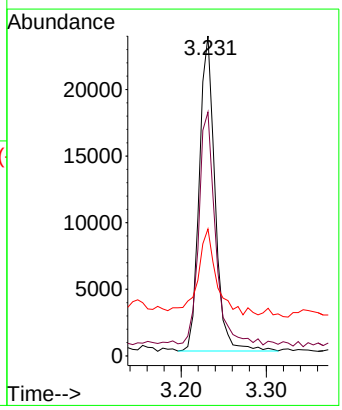


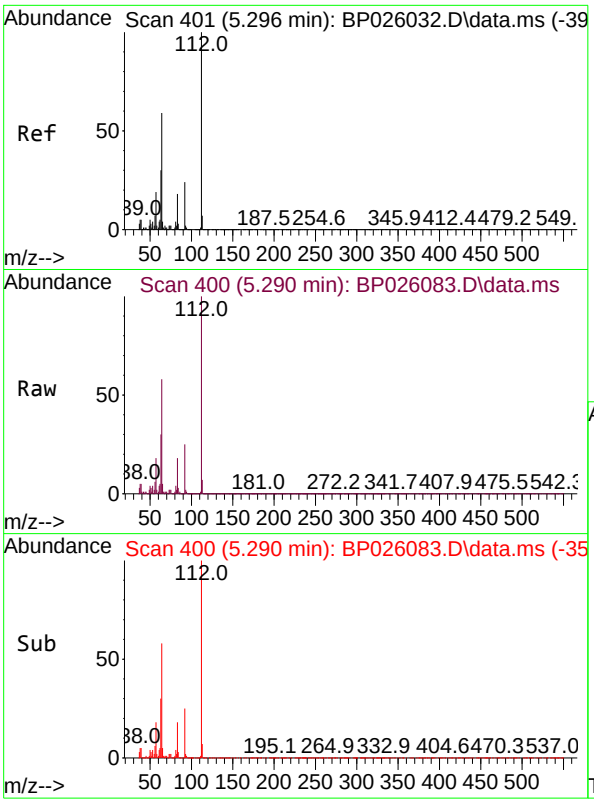


#2
1,4-Dioxane
Concen: 3.719 ng
RT: 3.231 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion: 88 Resp: 30263

Ion	Ratio	Lower	Upper
88	100		
58	78.5	65.4	98.0
43	0.0	23.1	34.7#



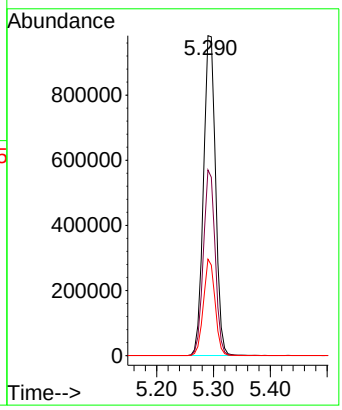


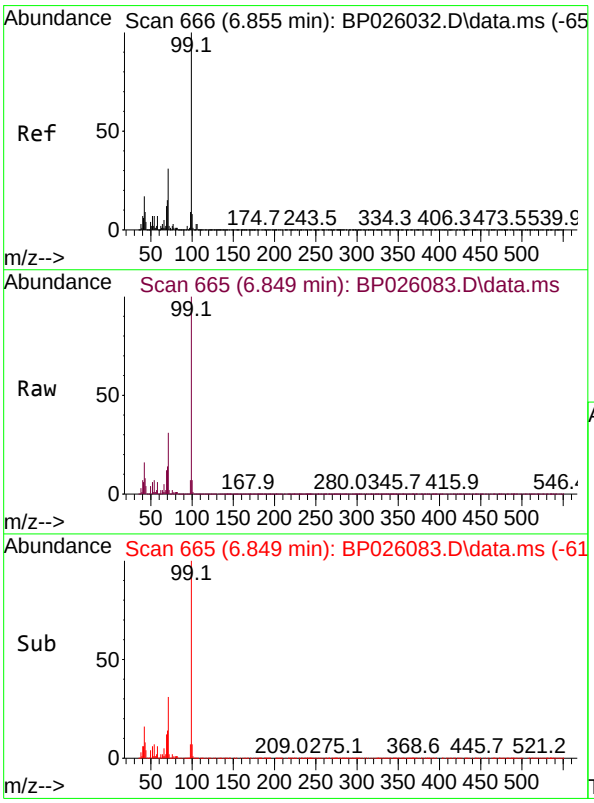
#5
2-Fluorophenol
Concen: 74.987 ng
RT: 5.290 min Scan# 40
Delta R.T. -0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Instrument :
BNA_P
ClientSampleId :
MW-5

Tgt Ion:112 Resp: 1447269

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.4	71.2
63	30.1	24.2	36.4

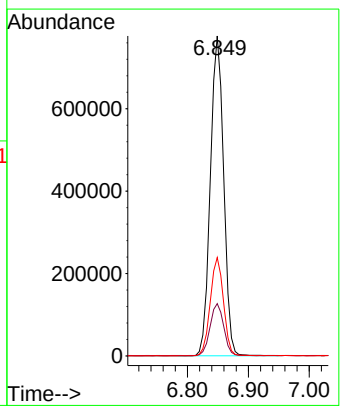


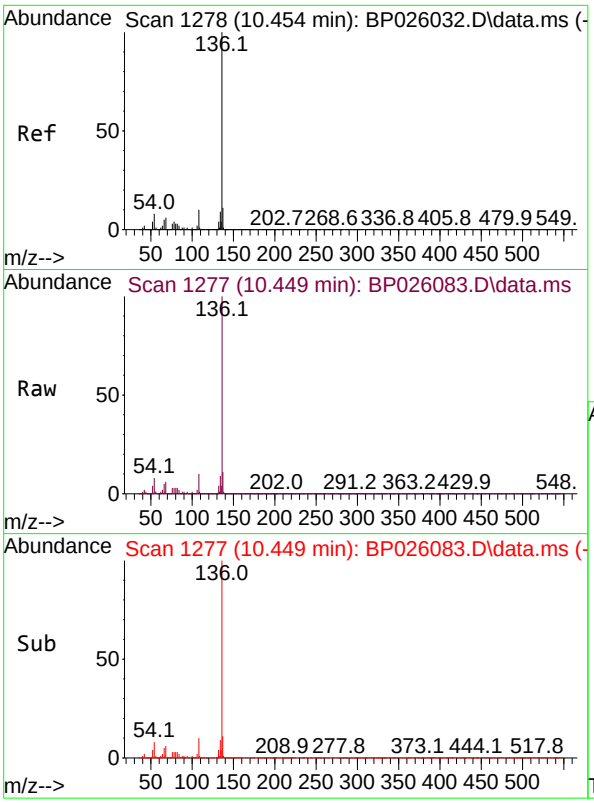


#7
Phenol-d6
Concen: 48.171 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion: 99 Resp: 1183337

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.7	20.5
71	30.7	24.4	36.6



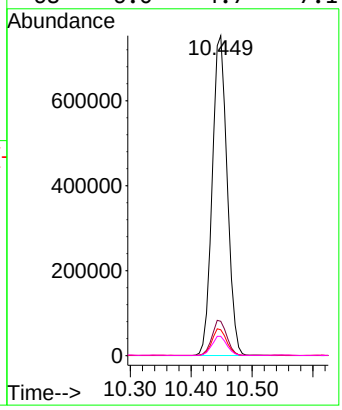


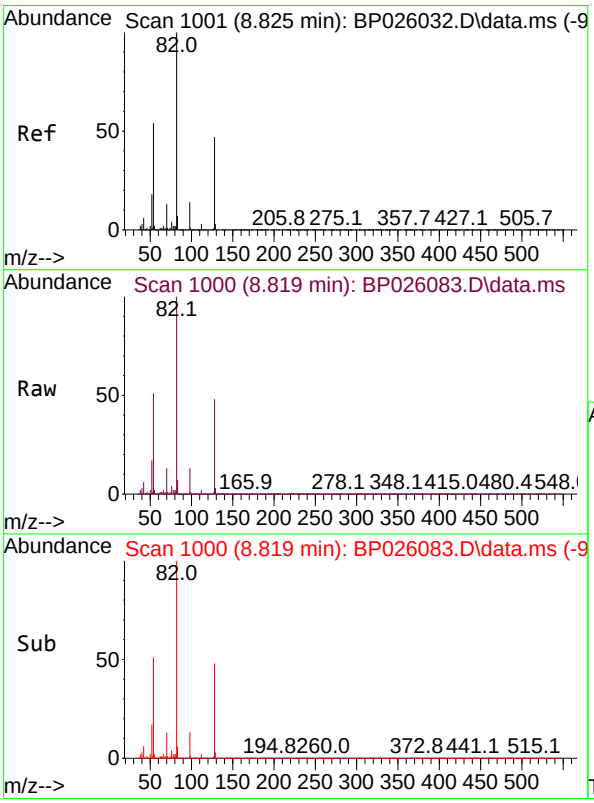
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Instrument :
BNA_P
ClientSampleId :
MW-5

Tgt Ion:136 Resp: 1283462

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.1	6.6	10.0
68	6.0	4.7	7.1

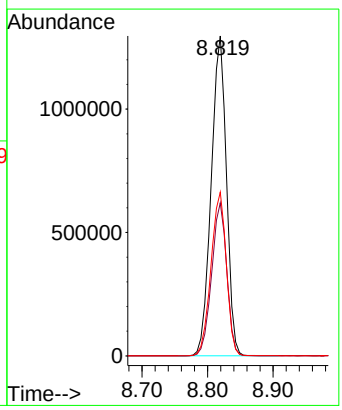


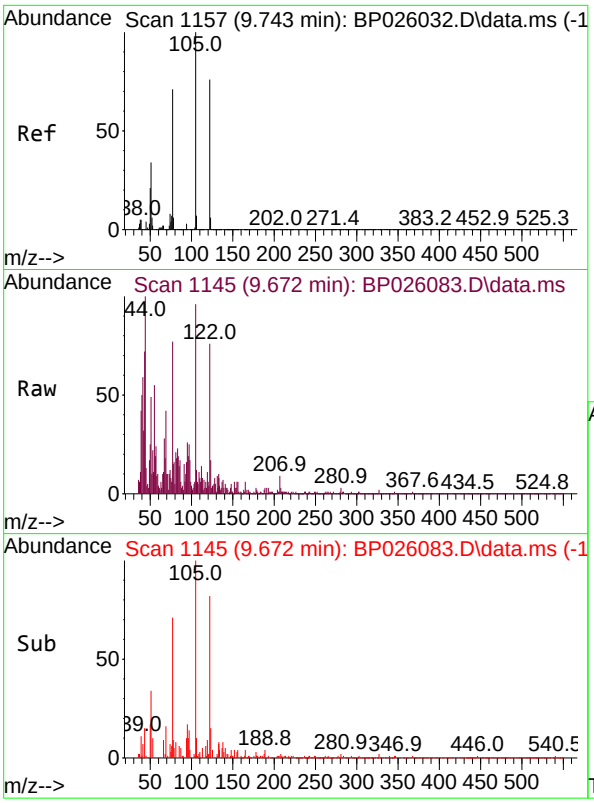


#23
Nitrobenzene-d5
Concen: 101.627 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion: 82 Resp: 2092316

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.4	56.0
54	51.2	42.7	64.1



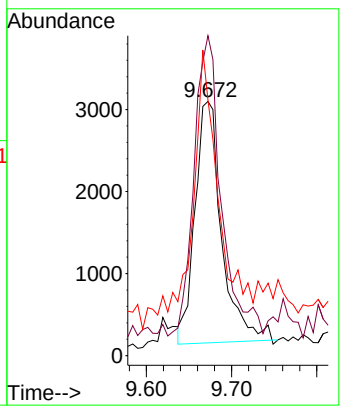


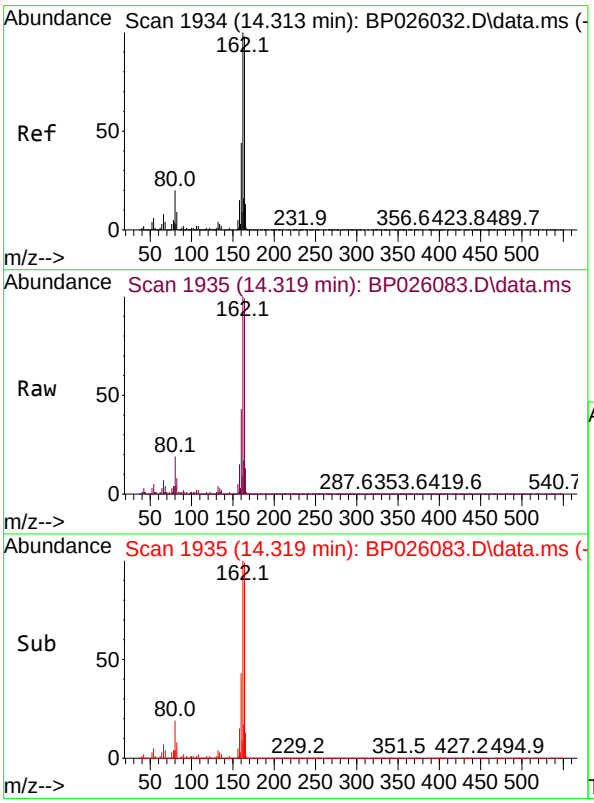
#32
Benzoic acid
Concen: 3.854 ng
RT: 9.672 min Scan# 11
Delta R.T. -0.106 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Instrument :
BNA_P
ClientSampleId :
MW-5

Tgt Ion:122 Resp: 6394

Ion	Ratio	Lower	Upper
122	100		
105	125.9	104.8	144.8
77	100.5	70.9	110.9

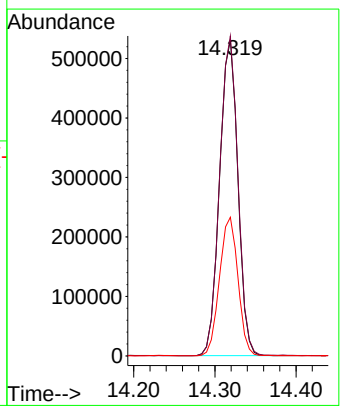


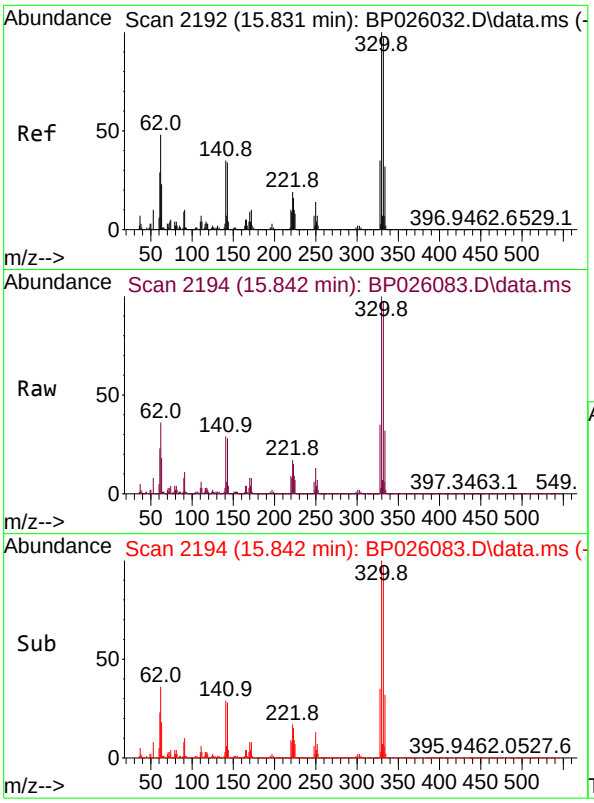


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion:164 Resp: 829933

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.5	122.3
160	43.9	36.2	54.4



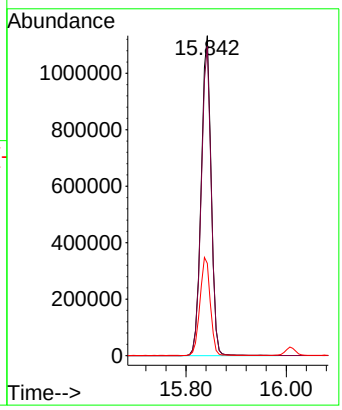


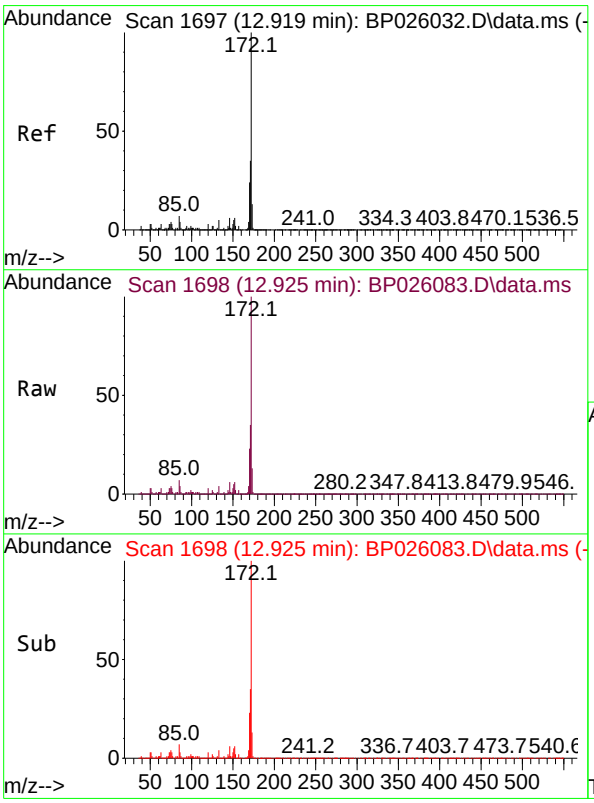
#42
2,4,6-Tribromophenol
Concen: 173.543 ng
RT: 15.842 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Instrument :
BNA_P
ClientSampleId :
MW-5

Tgt Ion:330 Resp: 1557099

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	32.1	28.6	42.8

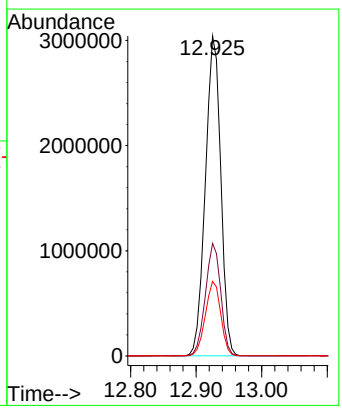


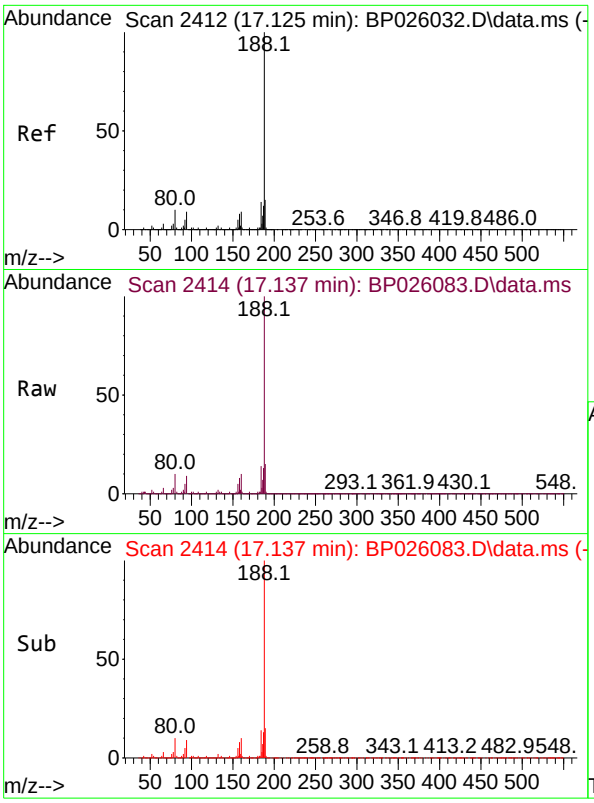


#45
2-Fluorobiphenyl
Concen: 85.726 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion:172 Resp: 4951321

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.3	19.0	28.4



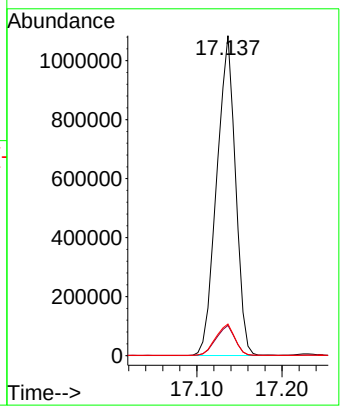


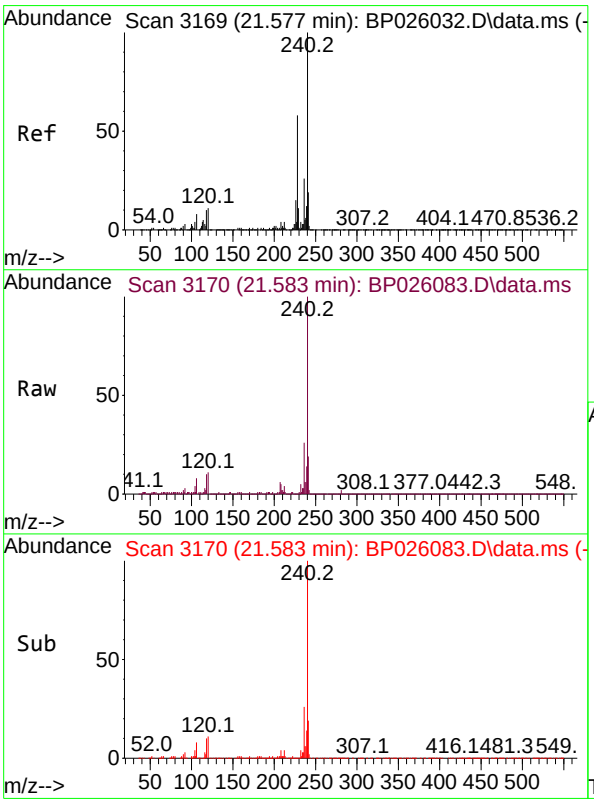
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.137 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Instrument :
BNA_P
ClientSampleId :
MW-5

Tgt Ion:188 Resp: 1657805

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	9.9	7.9	11.9

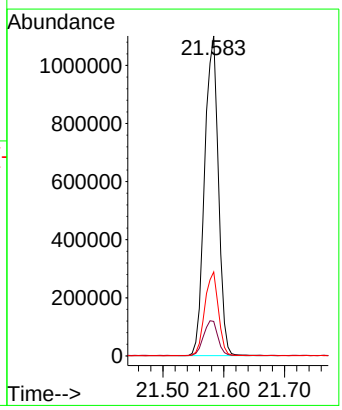


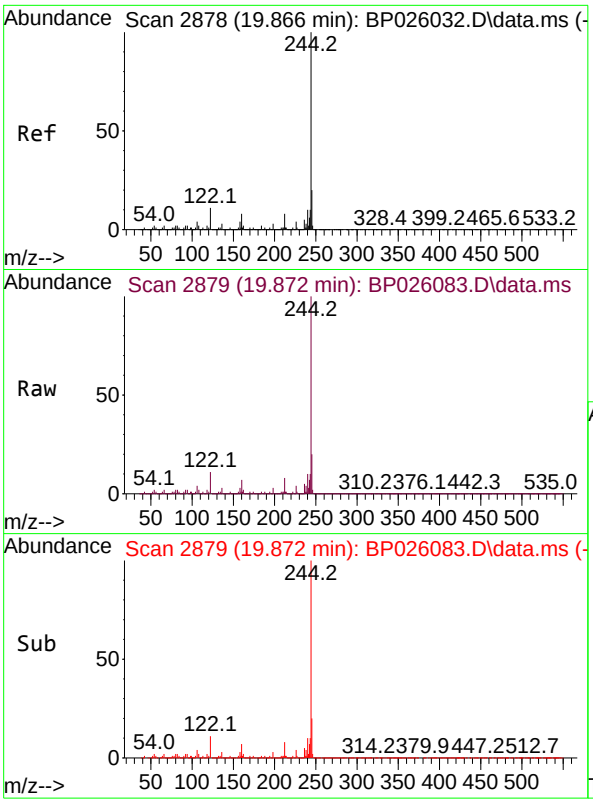


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.018 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion:240 Resp: 1728941

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.2	20.6	31.0



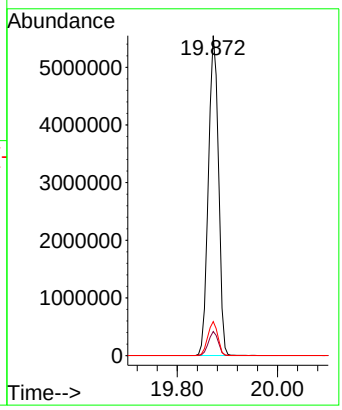


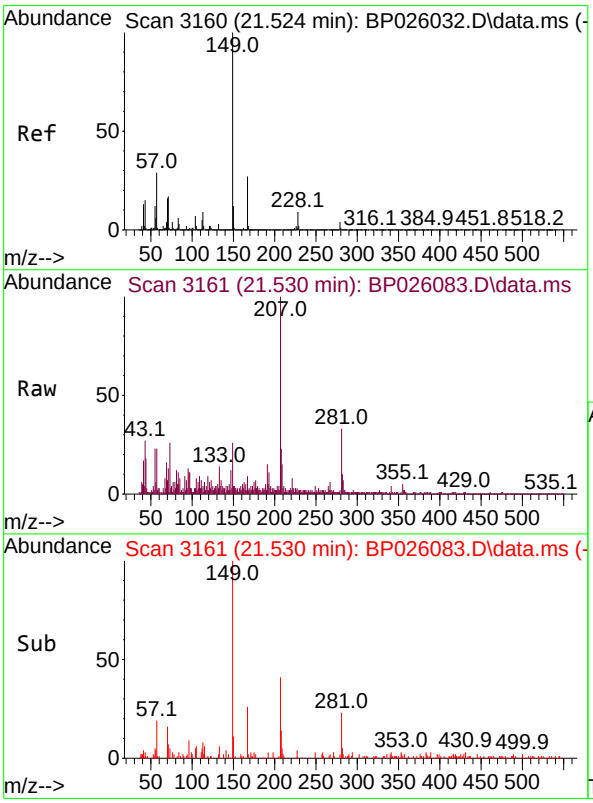
#79
Terphenyl-d14
Concen: 91.414 ng
RT: 19.872 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Instrument :
BNA_P
ClientSampleId :
MW-5

Tgt Ion:244 Resp: 7779259

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	10.6	9.0	13.6

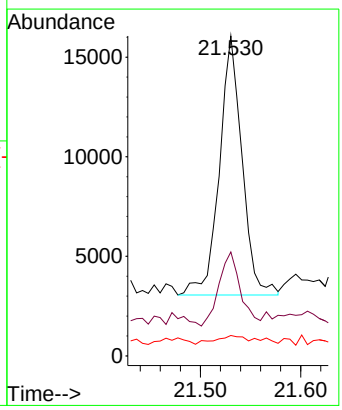


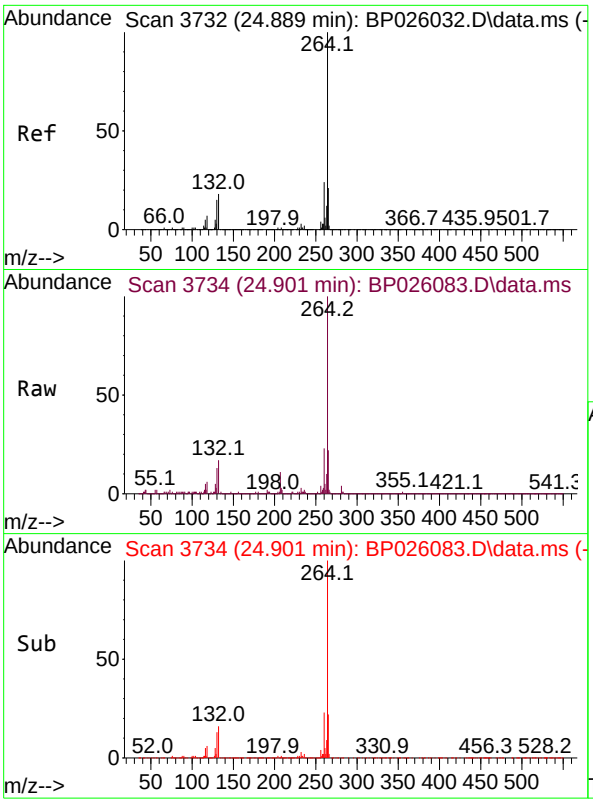


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.875 ng
RT: 21.530 min Scan# 3161
Delta R.T. 0.012 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion:149 Resp: 20473

Ion	Ratio	Lower	Upper
149	100		
167	32.5	21.5	32.3#
279	6.4	3.0	4.6#



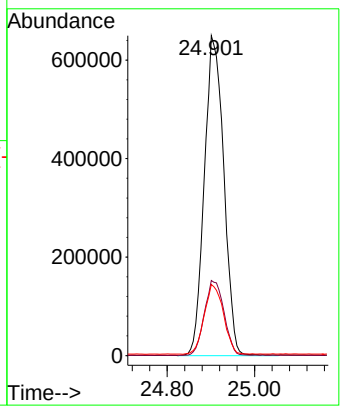


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Instrument :
BNA_P
ClientSampleId :
MW-5

Tgt Ion:264 Resp: 2004698

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.2	17.2	25.8



Sample Results: **BP026083.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

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: BP026083.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.290	394	400	409	rBV	3314898	4814663	23.24%	5.360%
2	6.849	657	665	673	rBV	2078612	3214541	15.52%	3.578%
3	7.678	799	806	813	rBV	1145764	1787867	8.63%	1.990%
4	8.819	992	1000	1011	rVB	3798951	6178665	29.82%	6.878%
5	10.449	1267	1277	1284	rBV	1477820	2547227	12.29%	2.836%
6	12.925	1690	1698	1707	rBV	8598422	13887928	67.03%	15.460%
7	14.119	1896	1901	1910	rBV	367878	629270	3.04%	0.701%
8	14.319	1928	1935	1941	rBV	2210208	3511643	16.95%	3.909%
9	15.578	2145	2149	2159	rVB	122249	232138	1.12%	0.258%
10	15.707	2165	2171	2179	rVB	512463	760107	3.67%	0.846%
11	15.842	2187	2194	2204	rBV	7932303	11931932	57.59%	13.283%
12	16.013	2218	2223	2231	rVB4	170162	318769	1.54%	0.355%
13	16.372	2280	2284	2289	rBV2	172534	245252	1.18%	0.273%
14	16.442	2289	2296	2308	rBV	2245147	3722799	17.97%	4.144%
15	17.137	2407	2414	2421	rVB	2605411	4026399	19.43%	4.482%
16	18.089	2571	2576	2583	rBV	547837	858206	4.14%	0.955%
17	19.425	2800	2803	2813	rBV	199666	311143	1.50%	0.346%
18	19.678	2841	2846	2853	rBV	292361	486838	2.35%	0.542%
19	19.872	2873	2879	2885	rBV	14921848	20718032	100.00%	23.063%
20	21.583	3164	3170	3176	rVB	2932573	4531390	21.87%	5.044%
21	24.901	3727	3734	3753	rVB	1636197	5116484	24.70%	5.696%

Sum of corrected areas: 89831293

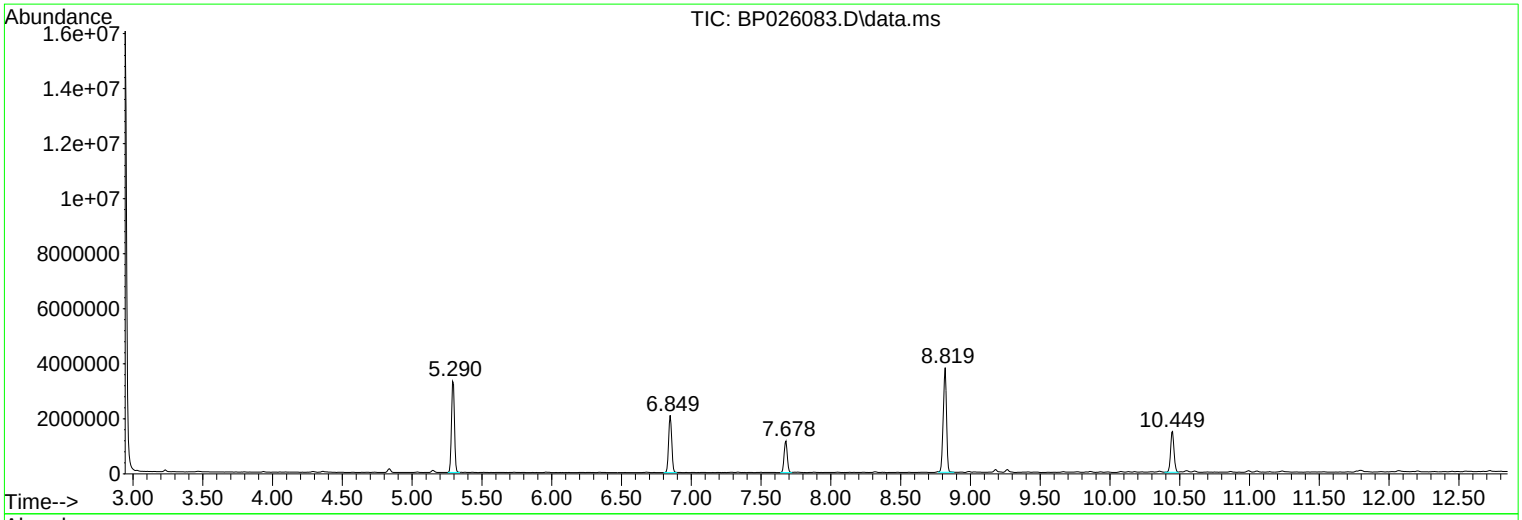
Sample Results: **BP026083.D**

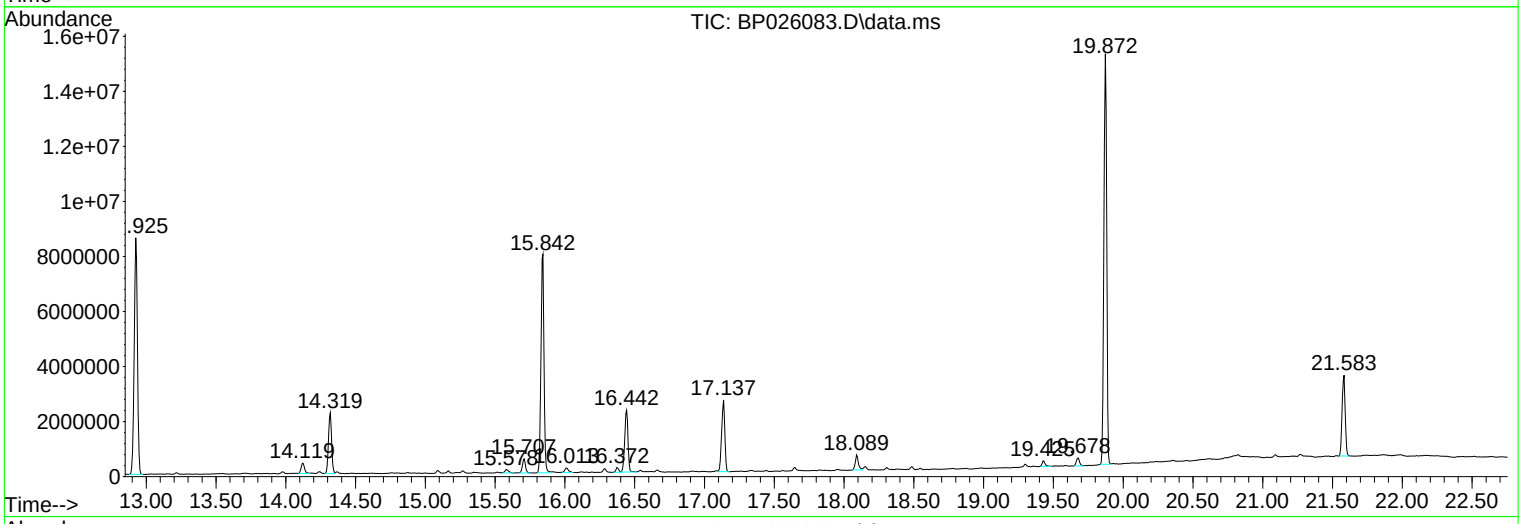
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

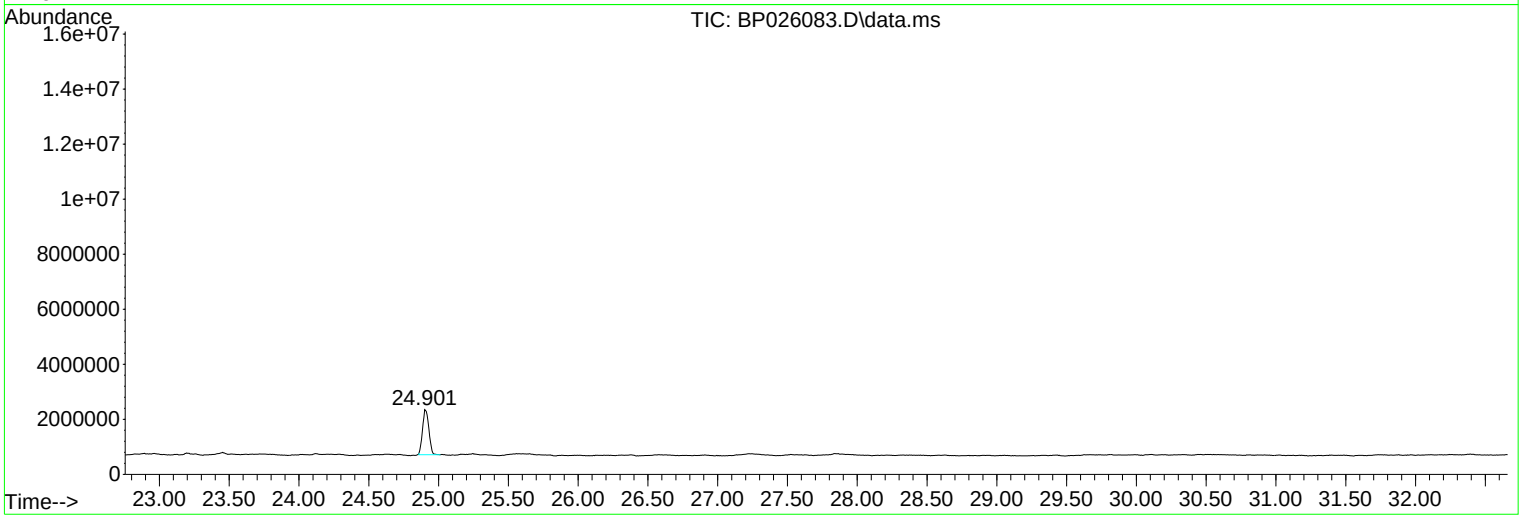
Instrument :
BNA_P
ClientSampleId :
MW-5

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\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

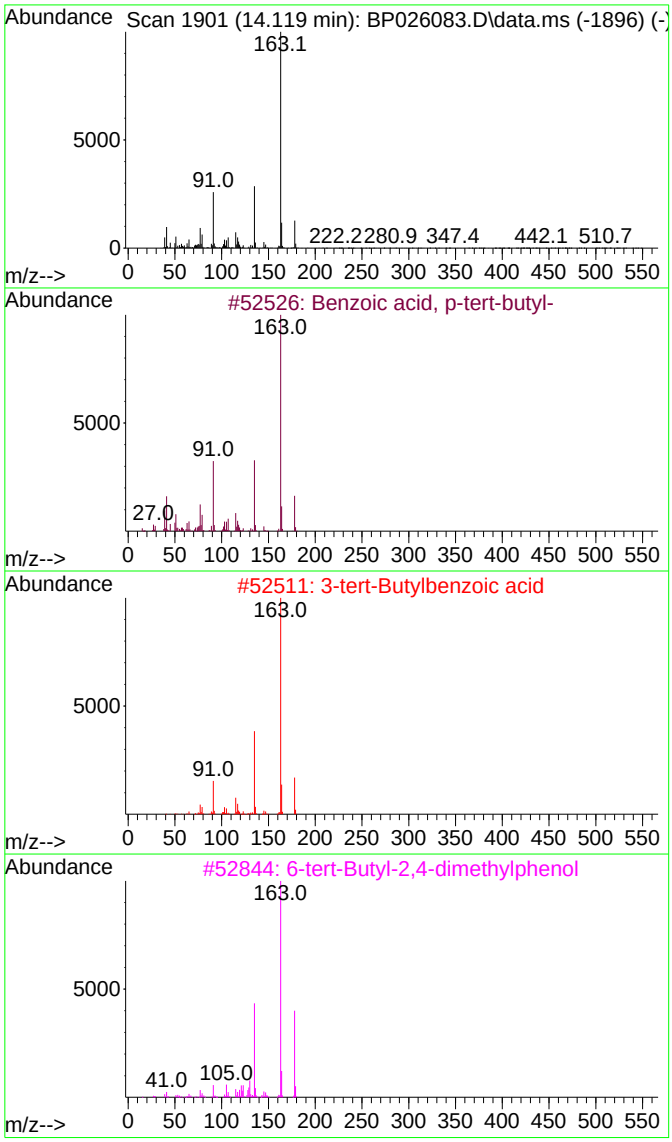
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

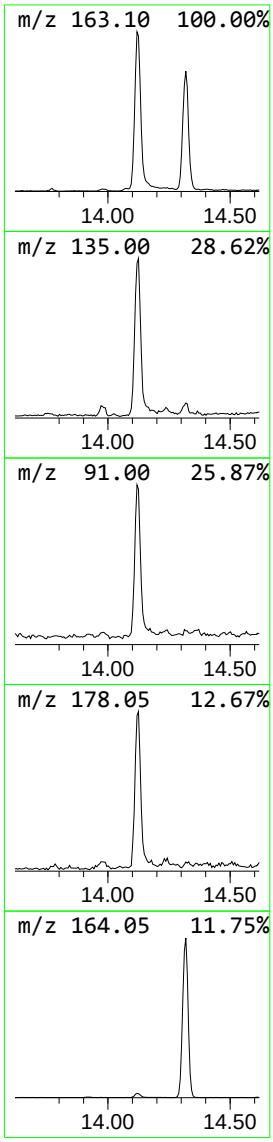
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzoic acid, p-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.119	3.58 ng	629270	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	96
2	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	93
3	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	72
4	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	72
5	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

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

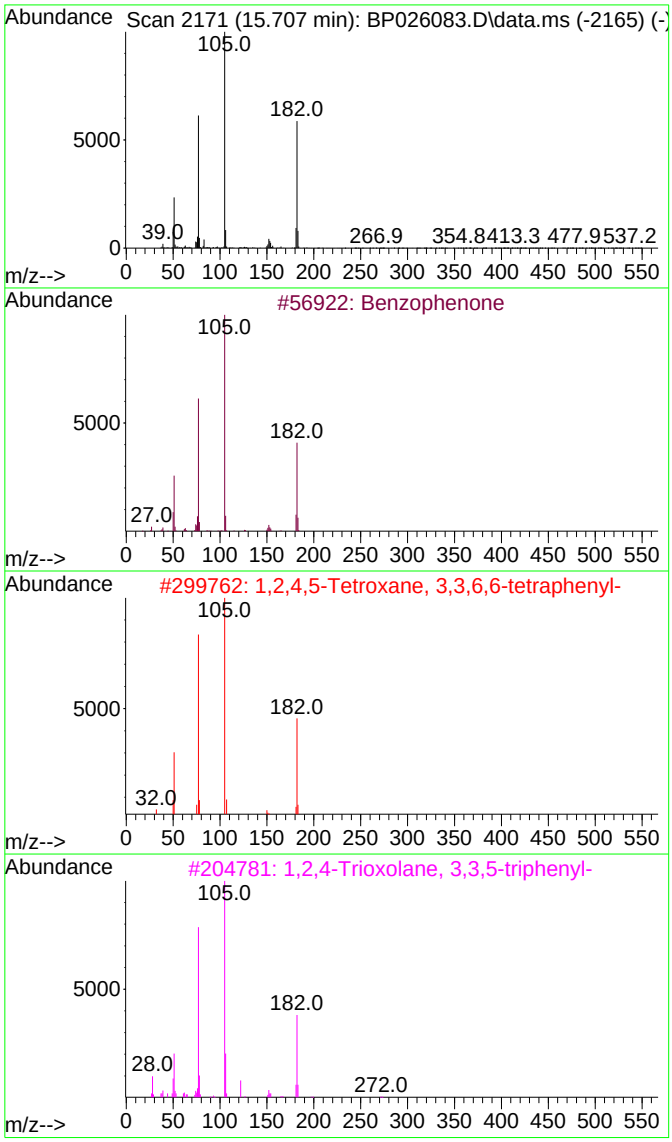
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

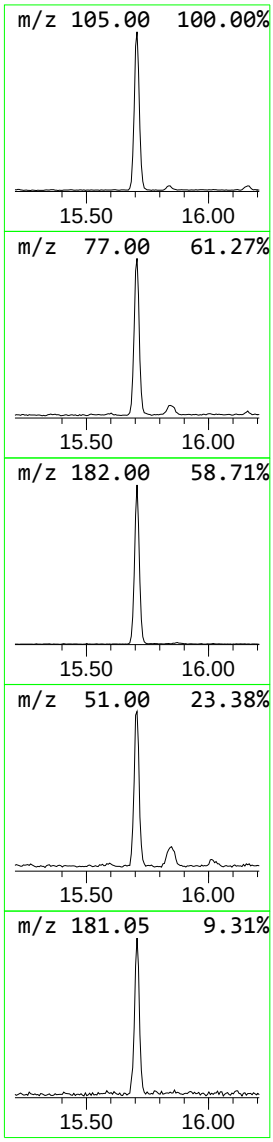
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.707	4.33 ng	760107	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50
4	Azobenzene	182	C12H10N2	000103-33-3	47
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

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

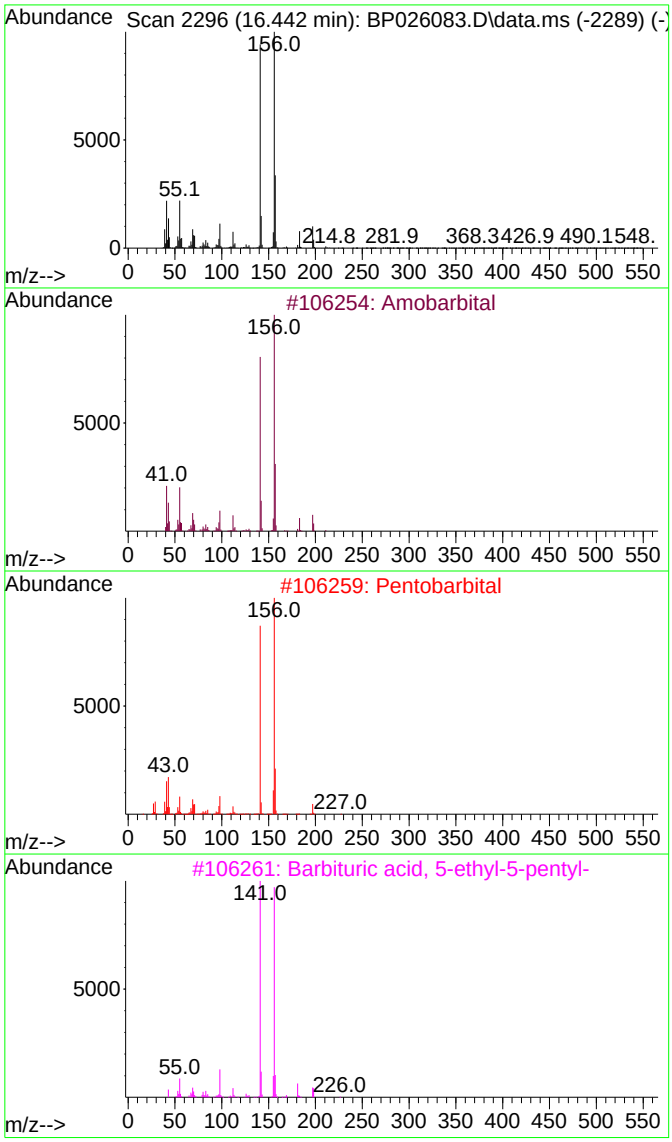
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

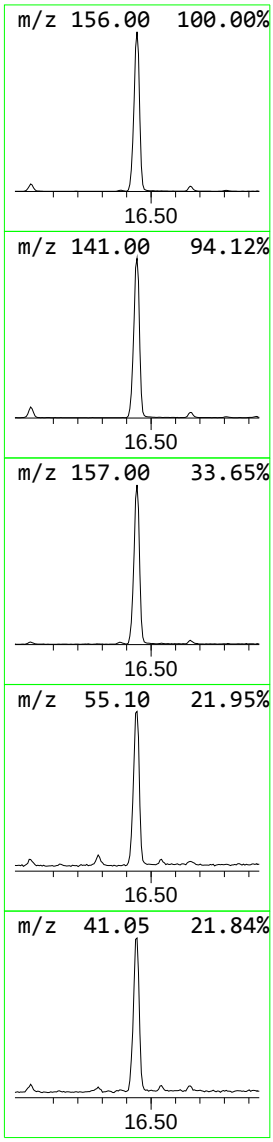
****

Peak Number 3 Amobarbital Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.442	18.49 ng	3722800	Phenanthrene-d10	17.137

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amobarbital	226	C11H18N2O3	000057-43-2	91
2	Pentobarbital	226	C11H18N2O3	000076-74-4	86
3	Barbituric acid, 5-ethyl-5-pentyl-	226	C11H18N2O3	000115-58-2	72
4	Butabarbital	212	C10H16N2O3	000125-40-6	72
5	Silane, trimethyl-2-thienyl-	156	C7H12SSi	018245-28-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

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

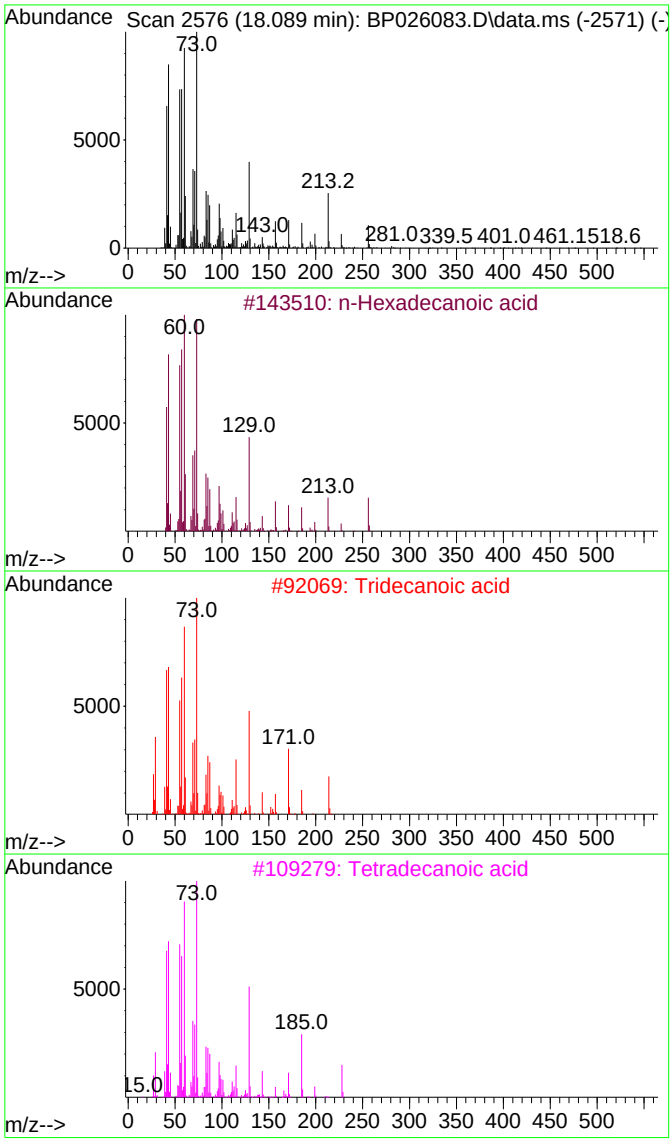
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

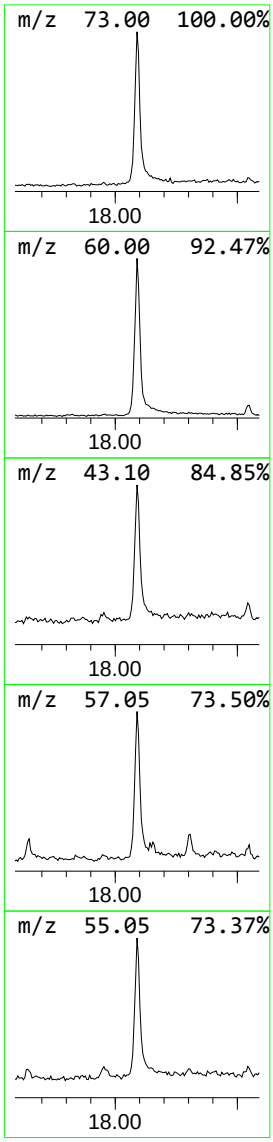
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.089	4.26 ng	858206	Phenanthrene-d10	17.137

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

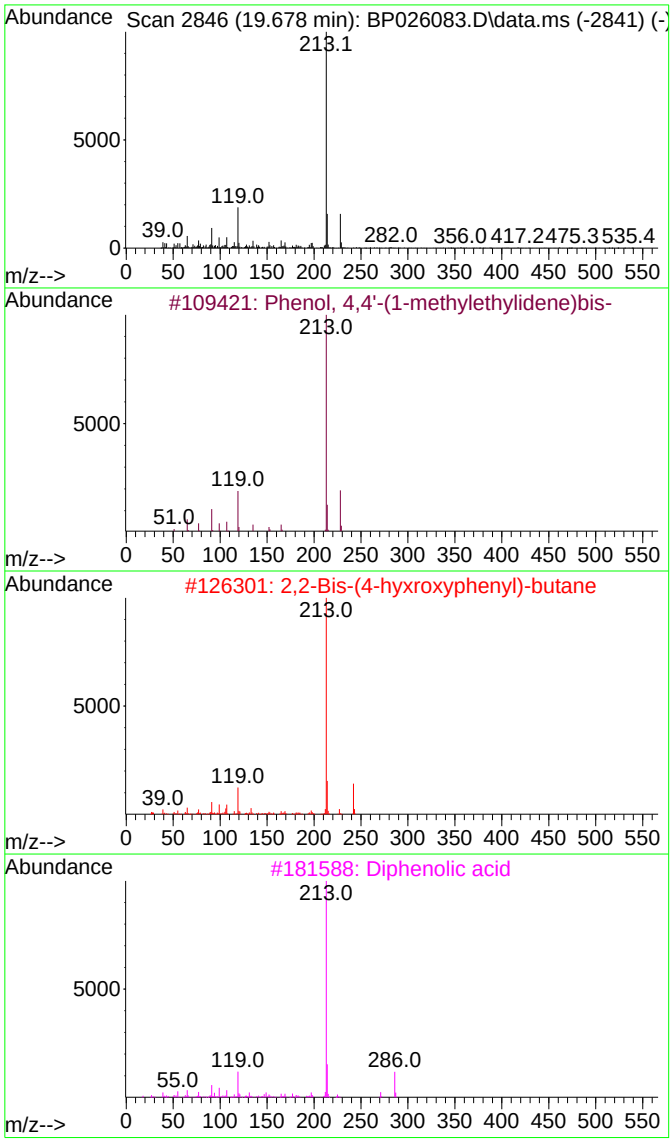
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

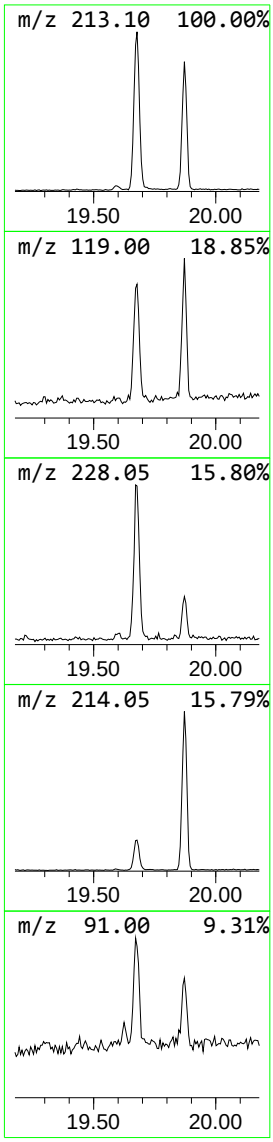
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, 4,4'-(1-methylethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.678	2.15 ng	486838	Chrysene-d12	21.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	78
3	Diphenolic acid	286	C17H18O4	000126-00-1	59
4	2,2-Bis(4-propionoxyphenyl)propane	340	C21H24O4	003711-19-1	59
5	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

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
Benzoic acid, p...	14.119	3.6	ng	629270	3	14.319	3511640	20.0
Benzophenone	15.707	4.3	ng	760107	3	14.319	3511640	20.0
Amobarbital	16.442	18.5	ng	3722800	4	17.137	4026400	20.0
n-Hexadecanoic ...	18.089	4.3	ng	858206	4	17.137	4026400	20.0
Phenol, 4,4'-(1...	19.678	2.1	ng	486838	5	21.583	4531390	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Quant Time: Nov 07 00:00:59 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

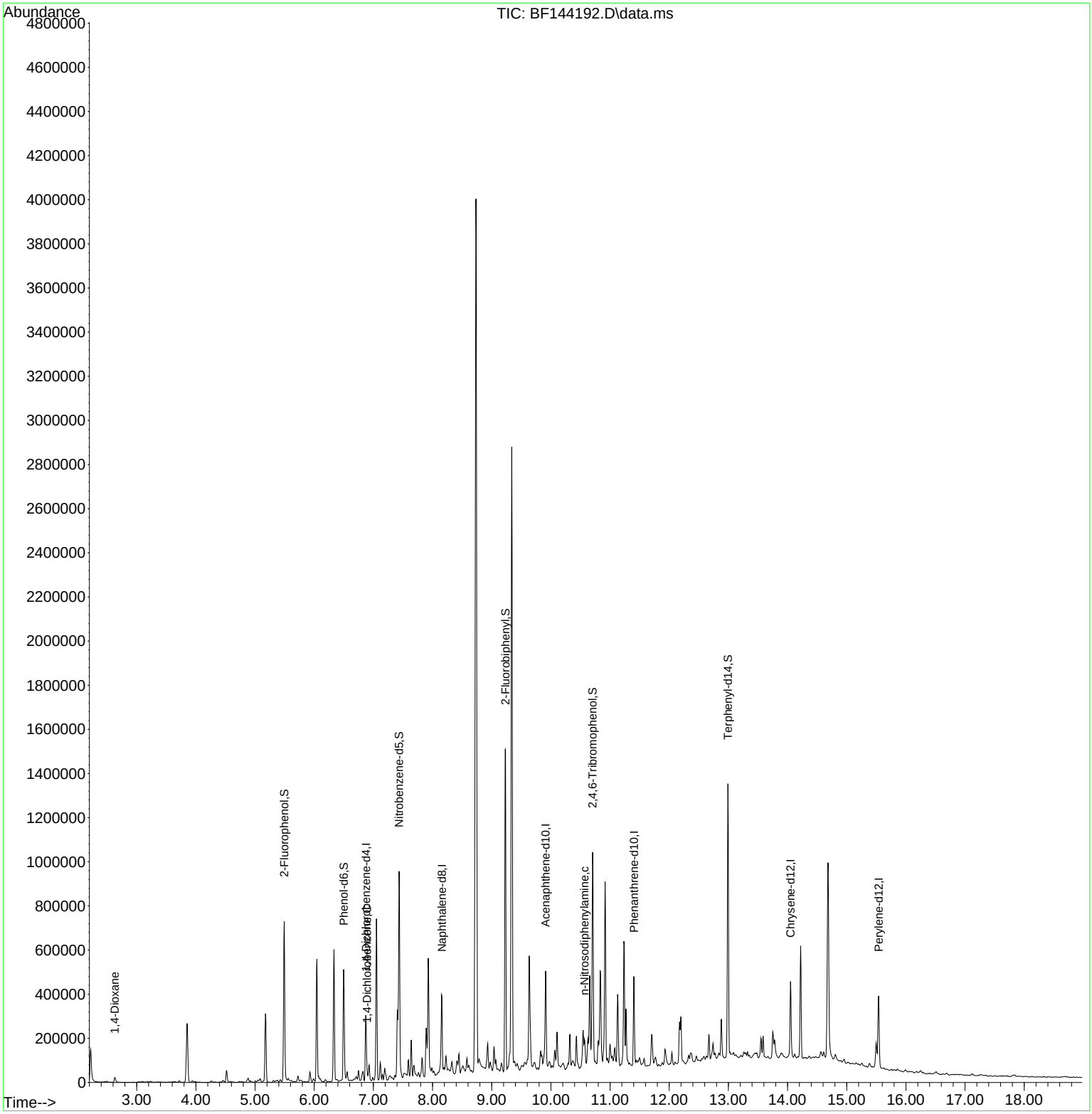
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	62761	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	229494	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	120957	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	183106	20.000	ng	0.00
76) Chrysene-d12	14.051	240	157153	20.000	ng	0.00
86) Perylene-d12	15.539	264	214152	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	289194	72.107	ng	0.00
7) Phenol-d6	6.498	99	221314	48.701	ng	0.00
23) Nitrobenzene-d5	7.434	82	353190	88.885	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	182170	120.017	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	707859	86.432	ng	0.00
79) Terphenyl-d14	12.992	244	654961	66.199	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	11907	7.181	ng	97
13) 1,4-Dichlorobenzene	6.893	146	16898	3.475	ng	94
66) n-Nitrosodiphenylamine	10.569	169	21832	3.707	ng	96

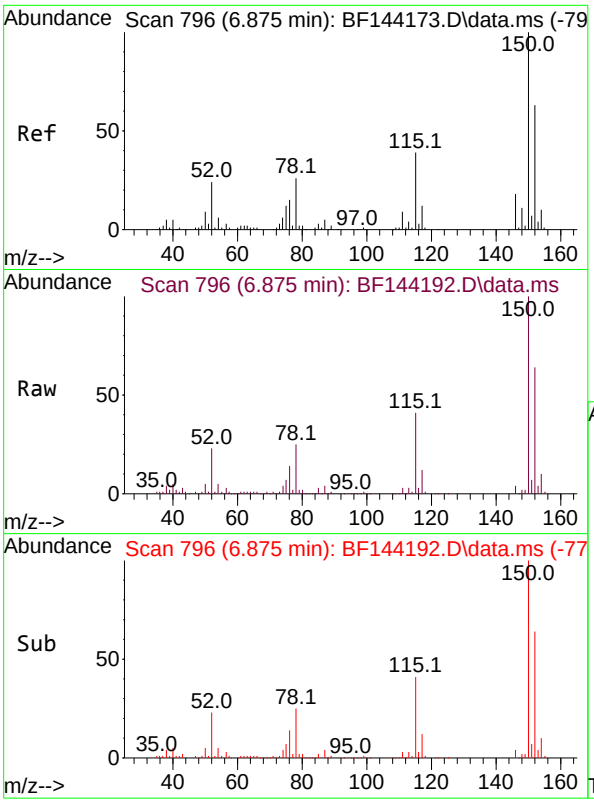
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Quant Time: Nov 07 00:00:59 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



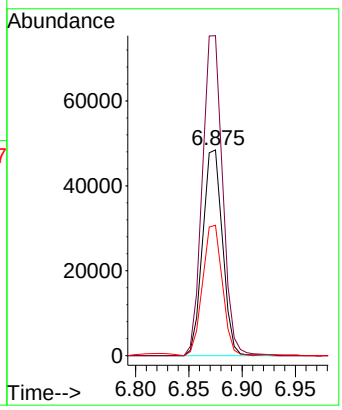


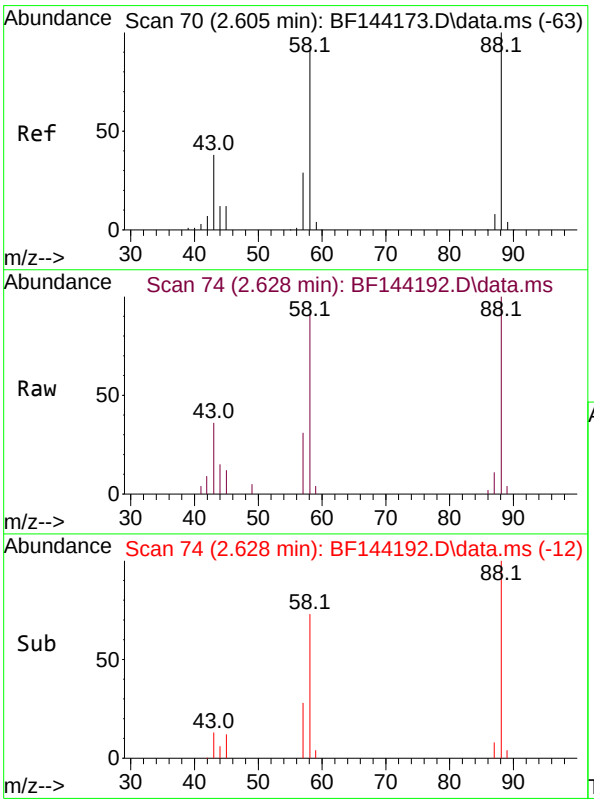
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Tgt Ion:152 Resp: 62761

Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.4	191.0
115	63.3	49.5	74.3

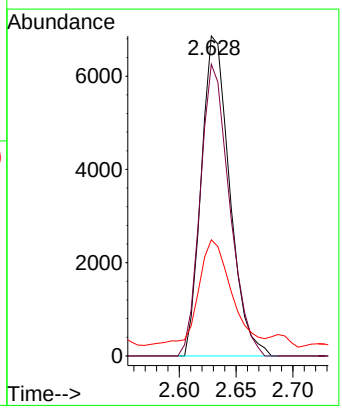


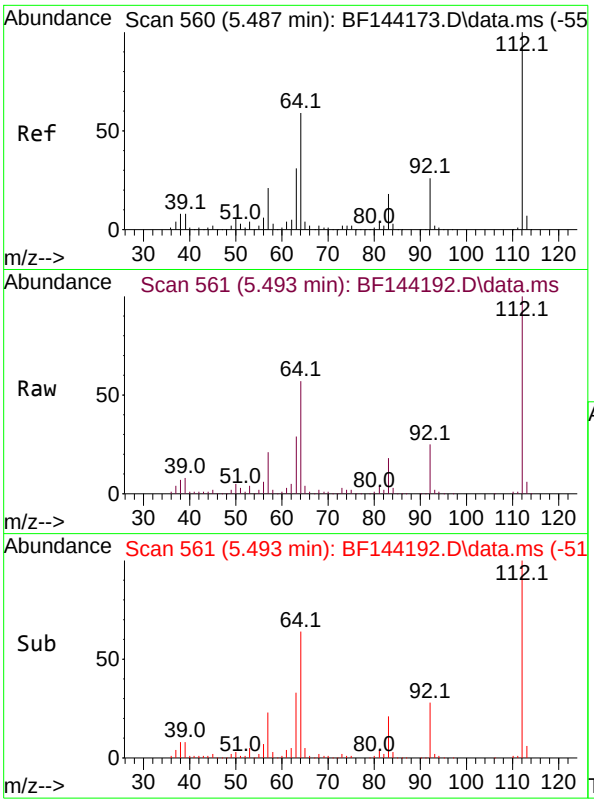


#2
1,4-Dioxane
Concen: 7.181 ng
RT: 2.628 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Tgt Ion: 88 Resp: 11907

Ion	Ratio	Lower	Upper
88	100		
58	93.7	73.1	109.7
43	36.6	31.0	46.6



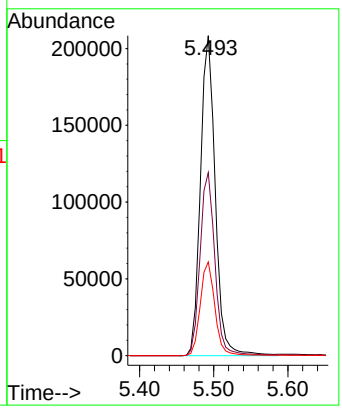


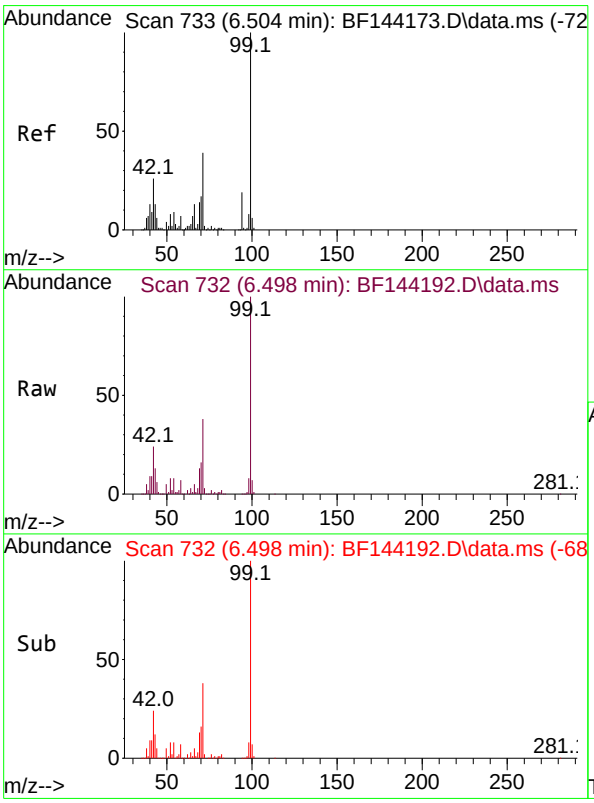
#5
2-Fluorophenol
Concen: 72.107 ng
RT: 5.493 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Tgt Ion:112 Resp: 289194

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.2	70.8
63	29.3	24.4	36.6

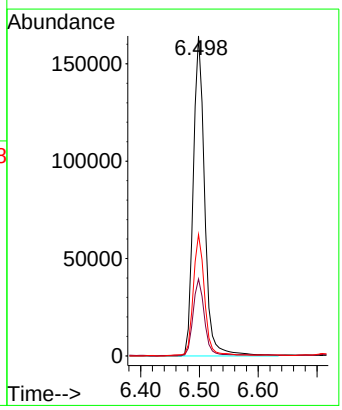


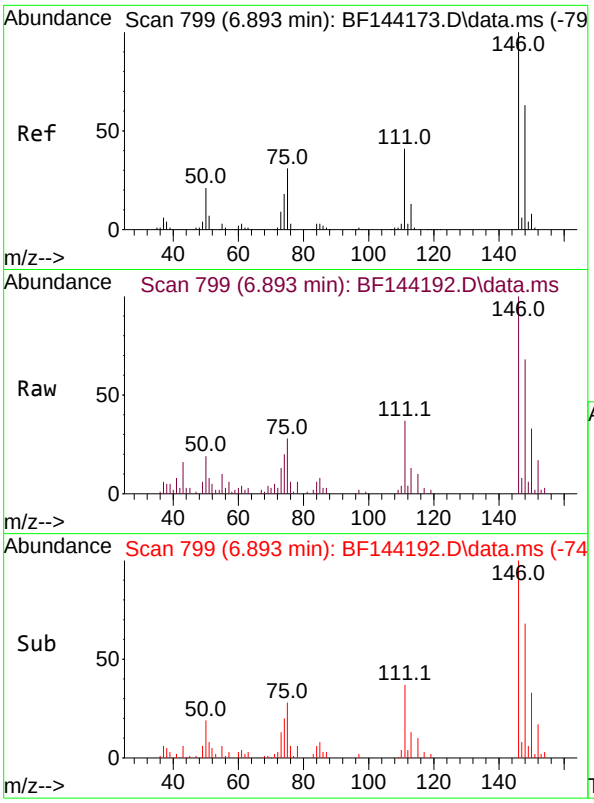


#7
Phenol-d6
Concen: 48.701 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Tgt Ion: 99 Resp: 221314

Ion	Ratio	Lower	Upper
99	100		
42	24.1	20.9	31.3
71	37.9	31.4	47.2



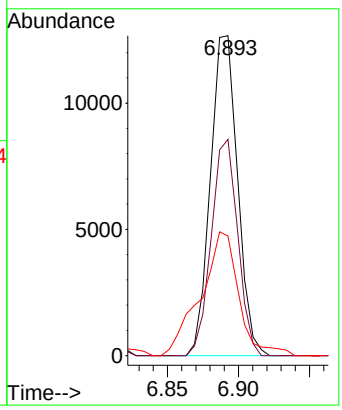


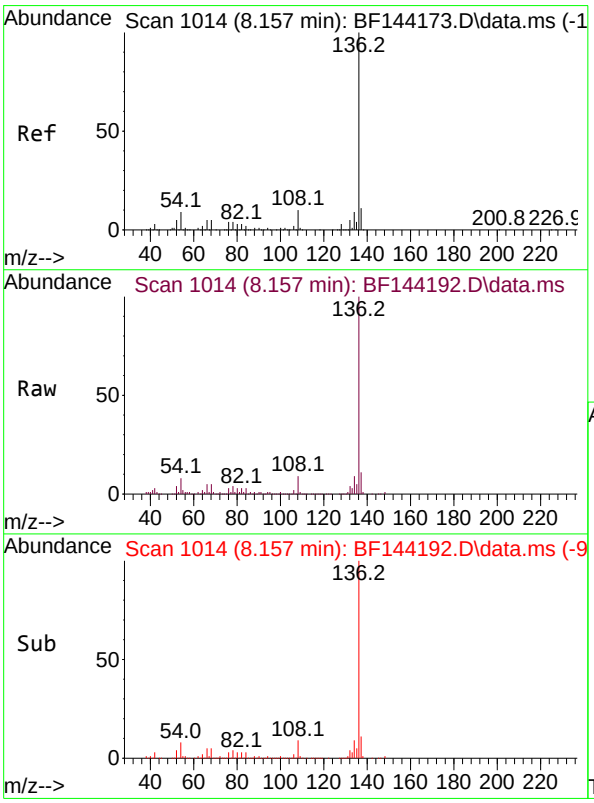
#13
1,4-Dichlorobenzene
Concen: 3.475 ng
RT: 6.893 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Tgt Ion:146 Resp: 16898

Ion	Ratio	Lower	Upper
146	100		
148	67.6	50.2	75.2
111	37.4	32.6	48.8

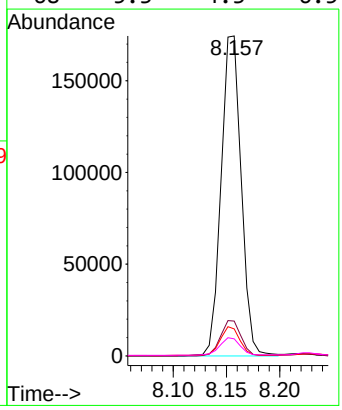


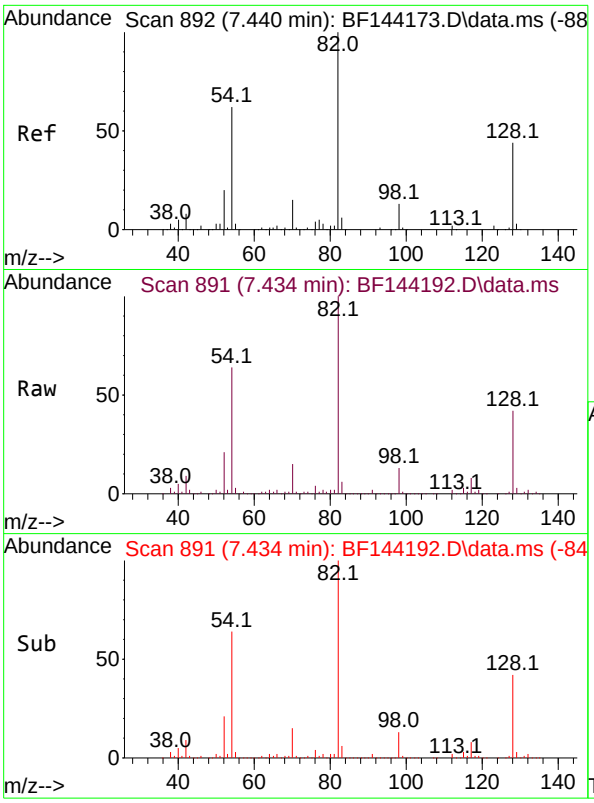


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Tgt Ion:136 Resp: 229494

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.4	7.0	10.6
68	5.3	4.3	6.5



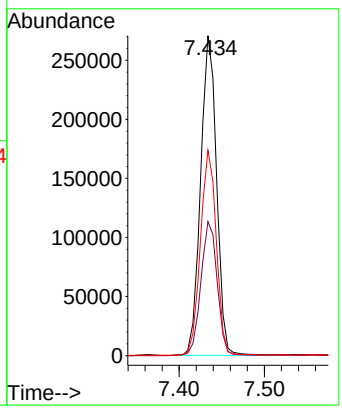


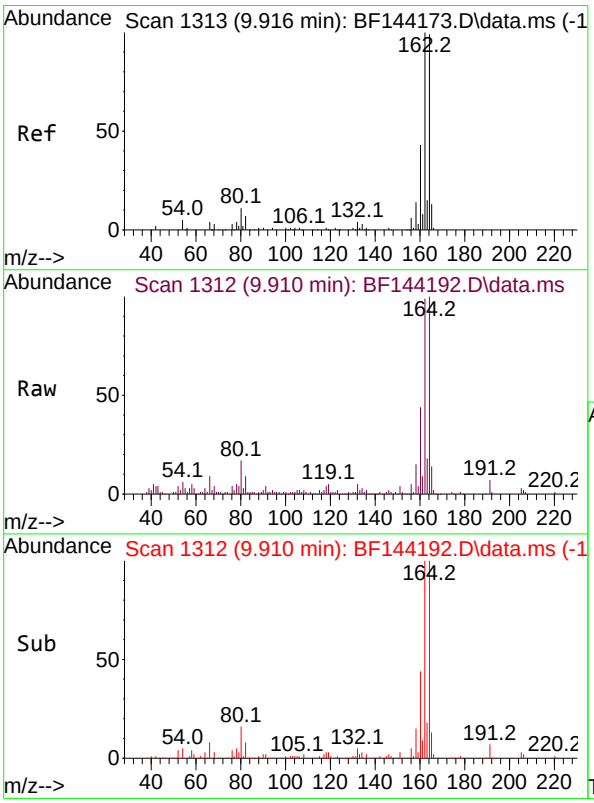
#23
Nitrobenzene-d5
Concen: 88.885 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Tgt Ion: 82 Resp: 353190

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.7	52.1
54	64.1	49.5	74.3

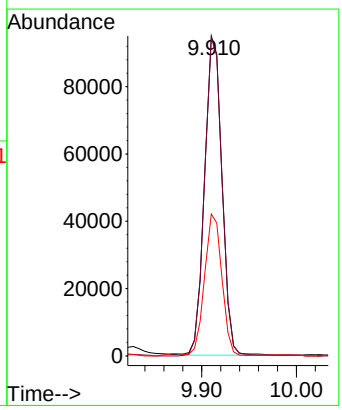


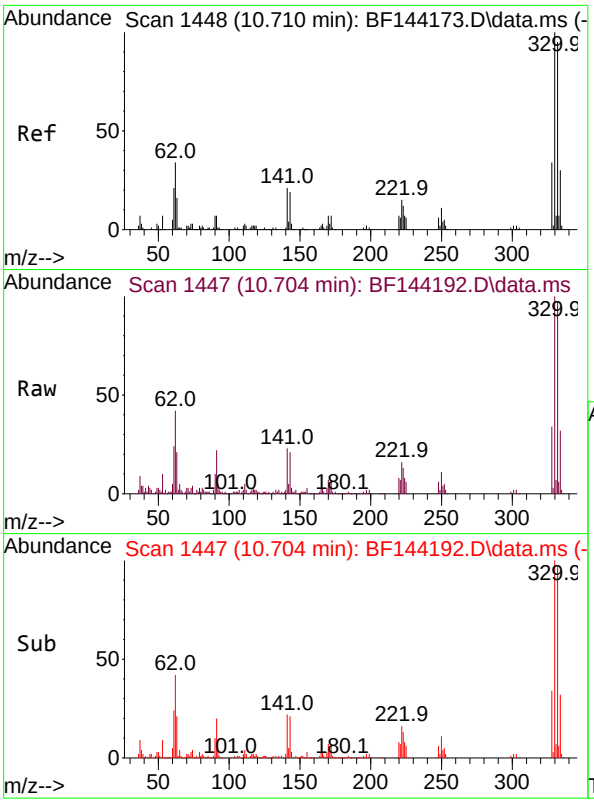


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Tgt Ion:164 Resp: 120957

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.1	121.7
160	44.3	34.5	51.7



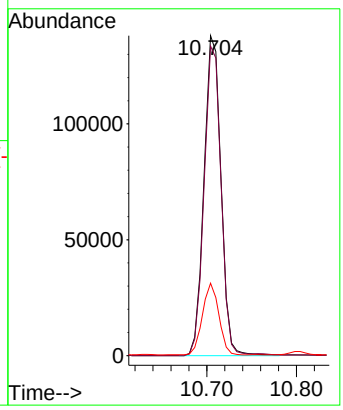


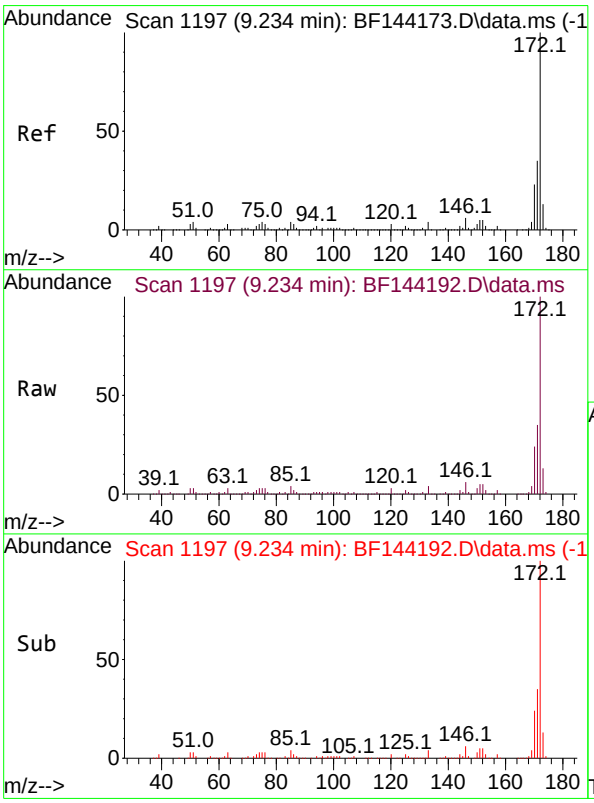
#42
2,4,6-Tribromophenol
Concen: 120.017 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Tgt Ion:330 Resp: 182170

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	21.5	17.8	26.8

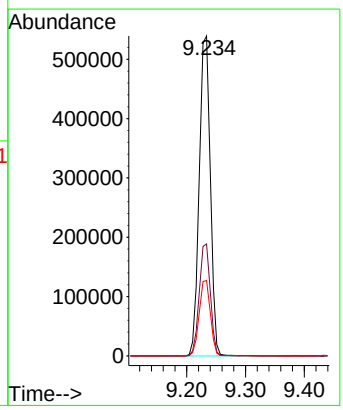


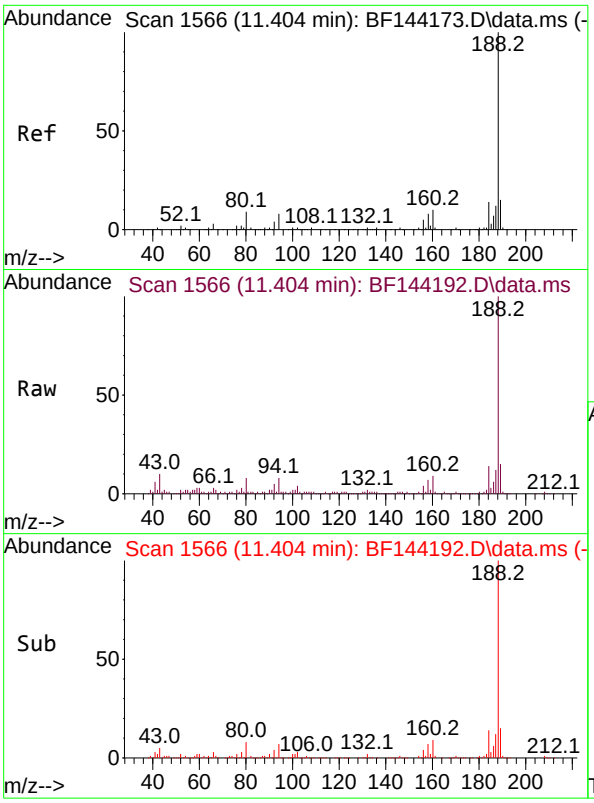


#45
2-Fluorobiphenyl
Concen: 86.432 ng
RT: 9.234 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Tgt Ion:172 Resp: 707859

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.6	18.6	28.0



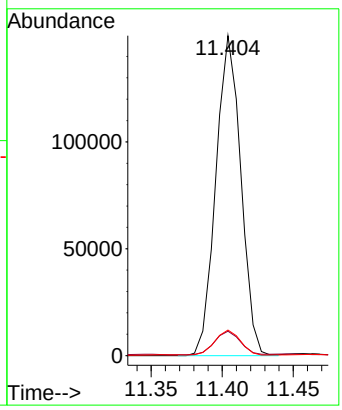


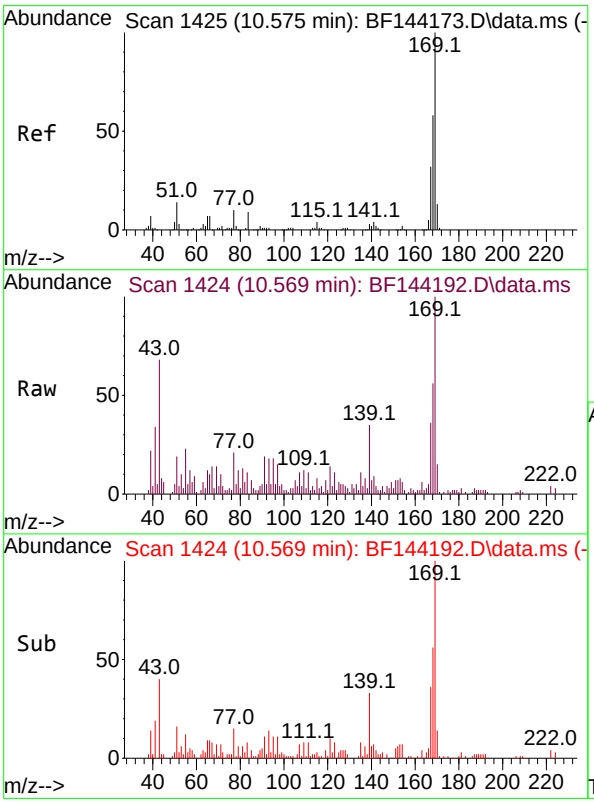
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Tgt Ion:188 Resp: 183106

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.2	9.2
80	8.0	6.9	10.3

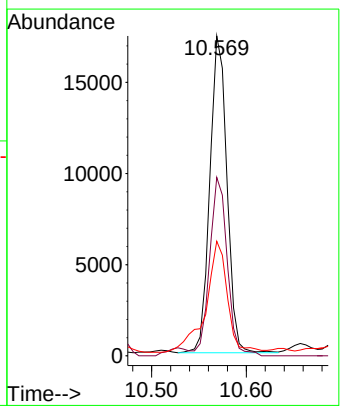


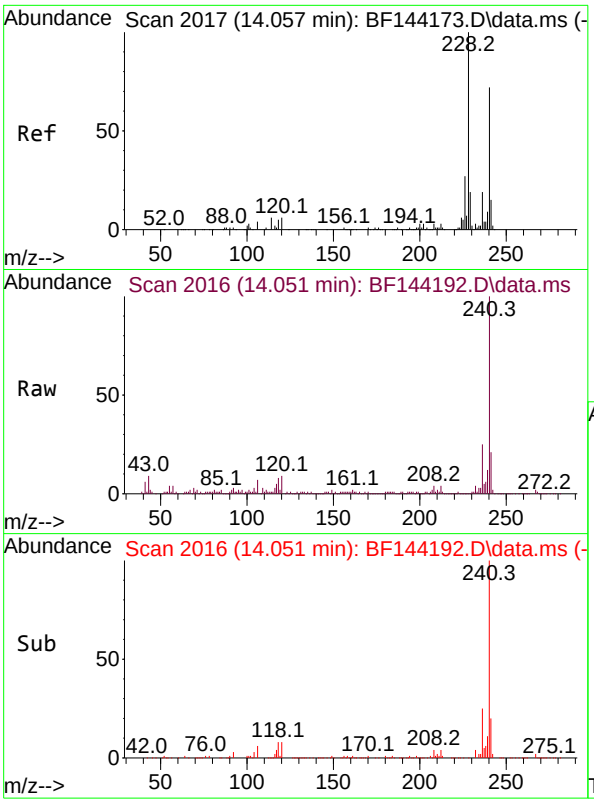


#66
n-Nitrosodiphenylamine
Concen: 3.707 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Tgt Ion:169 Resp: 21832

Ion	Ratio	Lower	Upper
169	100		
168	55.8	46.2	69.2
167	35.8	25.7	38.5



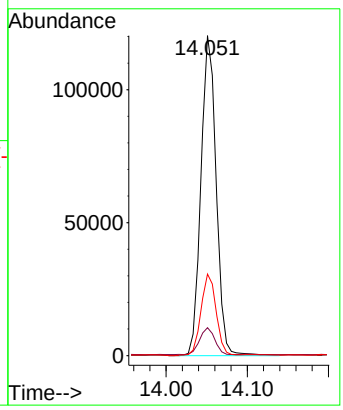


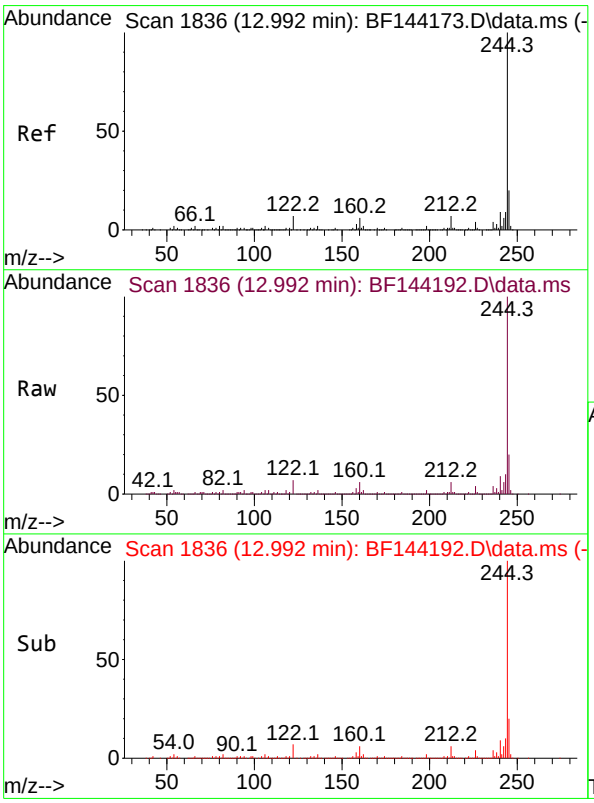
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Tgt Ion:240 Resp: 157153

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.6	10.0
236	25.5	21.4	32.2

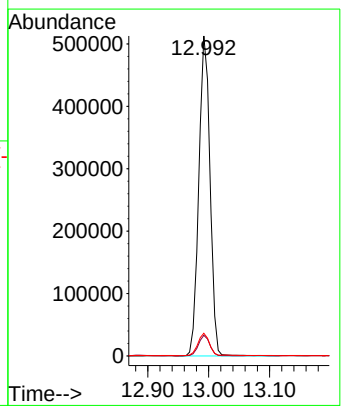


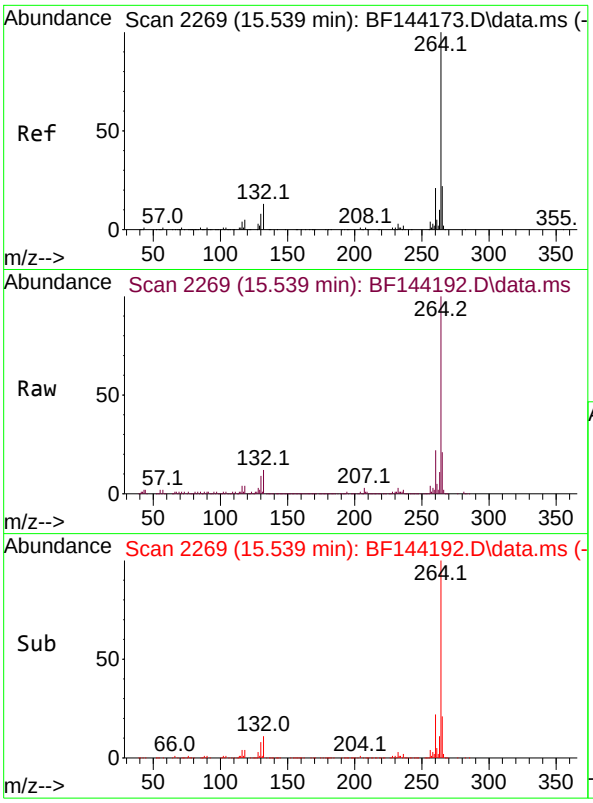


#79
Terphenyl-d14
Concen: 66.199 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Tgt Ion:244 Resp: 654961

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.3	7.9
122	7.1	5.6	8.4



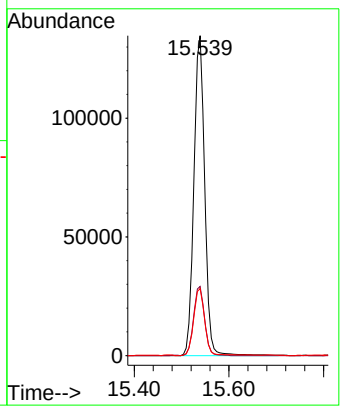


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Tgt Ion:264 Resp: 214152

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.1	25.7
265	21.0	17.4	26.0



Sample Results: **BF144192.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

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

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

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

Signal : TIC: BF144192.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.222	3	5	20	rVB	144898	209686	3.05%	0.537%
2	3.852	274	282	290	rVB	266298	461324	6.71%	1.182%
3	4.516	391	395	403	rVB	51544	77906	1.13%	0.200%
4	5.175	502	507	517	rVB	309923	425652	6.19%	1.090%
5	5.493	554	561	569	rBV	726092	996173	14.50%	2.551%
6	6.046	650	655	659	rBV	553751	717643	10.44%	1.838%
7	6.334	695	704	709	rBV	599976	785018	11.42%	2.011%
8	6.498	727	732	738	rBV	500989	650826	9.47%	1.667%
9	6.822	780	787	791	rVV2	41045	75289	1.10%	0.193%
10	6.869	791	795	801	rVV2	295870	447492	6.51%	1.146%
11	6.928	801	805	812	rVB2	70606	102258	1.49%	0.262%
12	7.051	819	826	832	rBV	732095	921791	13.41%	2.361%
13	7.116	832	837	841	rBV2	78978	102663	1.49%	0.263%
14	7.193	846	850	857	rVB	51668	88814	1.29%	0.227%
15	7.404	881	886	888	rBV2	301525	407084	5.92%	1.043%
16	7.434	888	891	901	rVB	935760	1287981	18.74%	3.299%
17	7.593	914	918	921	rVB2	71406	85172	1.24%	0.218%
18	7.640	921	926	930	rBV	163233	191208	2.78%	0.490%
19	7.687	930	934	938	rBV3	47406	77220	1.12%	0.198%
20	7.822	951	957	964	rBV	86081	131489	1.91%	0.337%
21	7.893	964	969	972	rBV3	222362	354723	5.16%	0.909%
22	7.928	972	975	983	rVB	513137	670743	9.76%	1.718%
23	8.151	1006	1013	1018	rBV	350286	503630	7.33%	1.290%
24	8.228	1022	1026	1030	rVB3	62675	84289	1.23%	0.216%
25	8.328	1039	1043	1051	rVB2	54887	94461	1.37%	0.242%
26	8.416	1052	1058	1060	rBV3	57137	100609	1.46%	0.258%
27	8.445	1060	1063	1067	rVB	84770	107976	1.57%	0.277%
28	8.510	1067	1074	1081	rBV5	31599	92883	1.35%	0.238%
29	8.581	1082	1086	1089	rBV	56723	75172	1.09%	0.193%
30	8.734	1104	1112	1118	rBV	3955875	6872210	100.00%	17.602%
31	8.787	1118	1121	1129	rVB7	38766	86852	1.26%	0.222%
32	8.934	1140	1146	1150	rBV3	112632	172276	2.51%	0.441%
33	9.039	1160	1164	1167	rBV3	109407	147594	2.15%	0.378%
34	9.234	1191	1197	1201	rBV	1463248	1923497	27.99%	4.927%
35	9.339	1209	1215	1220	rVB	2789269	3906627	56.85%	10.006%
36	9.634	1261	1265	1273	rVB2	501232	806705	11.74%	2.066%

Sample Results: **BF144192.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

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

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

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

37	9.828	1293	1298	1300	rBV2	80954	128609	1.87%	0.329%
38	9.910	1304	1312	1318	rVB3	432760	667546	9.71%	1.710%
39	10.069	1334	1339	1341	rBV	76130	107264	1.56%	0.275%
40	10.104	1341	1345	1351	rVB	153956	213194	3.10%	0.546%
41	10.322	1378	1382	1386	rVB	140744	167166	2.43%	0.428%
42	10.434	1396	1401	1409	rVB	146963	228689	3.33%	0.586%
43	10.545	1413	1420	1422	rBV2	167482	260516	3.79%	0.667%
44	10.628	1429	1434	1435	rBV2	112862	142959	2.08%	0.366%
45	10.657	1435	1439	1442	rVV	394349	530233	7.72%	1.358%
46	10.704	1442	1447	1453	rVB2	949557	1349638	19.64%	3.457%
47	10.804	1459	1464	1465	rBV2	103235	138415	2.01%	0.355%
48	10.833	1465	1469	1476	rVV2	416672	664454	9.67%	1.702%
49	10.916	1476	1483	1488	rVV	813704	1108252	16.13%	2.839%
50	10.998	1494	1497	1501	rBV	80825	115379	1.68%	0.296%
51	11.081	1507	1511	1515	rVV2	61955	89251	1.30%	0.229%
52	11.128	1515	1519	1526	rVB3	323961	474777	6.91%	1.216%
53	11.233	1531	1537	1541	rBV	555476	786790	11.45%	2.015%
54	11.269	1541	1543	1551	rVB	251046	296161	4.31%	0.759%
55	11.404	1561	1566	1570	rBV	404121	507550	7.39%	1.300%
56	11.704	1612	1617	1623	rBV	137717	222456	3.24%	0.570%
57	11.928	1651	1655	1666	rBV4	69924	138436	2.01%	0.355%
58	12.045	1672	1675	1681	rVB	55357	69864	1.02%	0.179%
59	12.175	1692	1697	1699	rBV	187445	275526	4.01%	0.706%
60	12.198	1699	1701	1706	rVB	201561	222957	3.24%	0.571%
61	12.363	1726	1729	1738	rVB5	40210	90077	1.31%	0.231%
62	12.669	1778	1781	1786	rVB	109043	141820	2.06%	0.363%
63	12.880	1813	1817	1826	rVB	176541	248792	3.62%	0.637%
64	12.992	1831	1836	1841	rBV	1232175	1576654	22.94%	4.038%
65	13.551	1927	1931	1934	rBV2	80393	104474	1.52%	0.268%
66	13.586	1934	1937	1947	rVB	98688	123519	1.80%	0.316%
67	13.751	1961	1965	1968	rBV2	115419	175724	2.56%	0.450%
68	14.051	2012	2016	2024	rVB	343497	467083	6.80%	1.196%
69	14.222	2040	2045	2052	rVB	509939	690276	10.04%	1.768%
70	14.686	2117	2124	2138	rVB	890063	1582868	23.03%	4.054%
71	15.498	2257	2262	2265	rBV	104670	174112	2.53%	0.446%
72	15.539	2265	2269	2280	rVB	329023	518627	7.55%	1.328%

Sum of corrected areas: 39043044

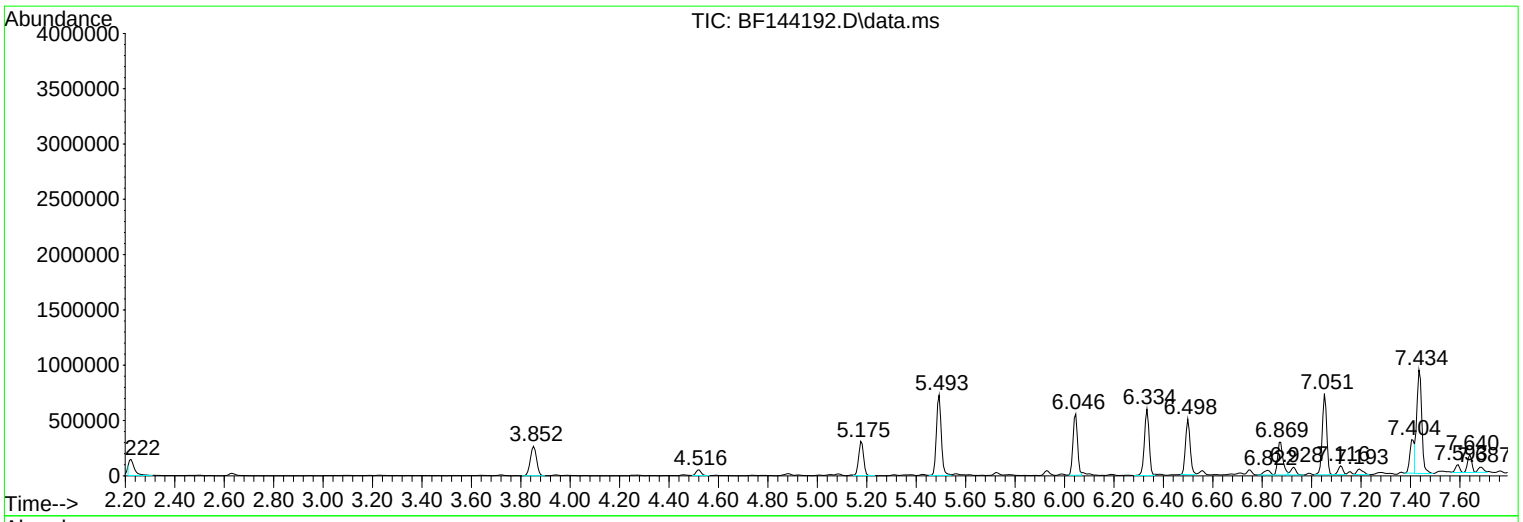
Sample Results: **BF144192.D**

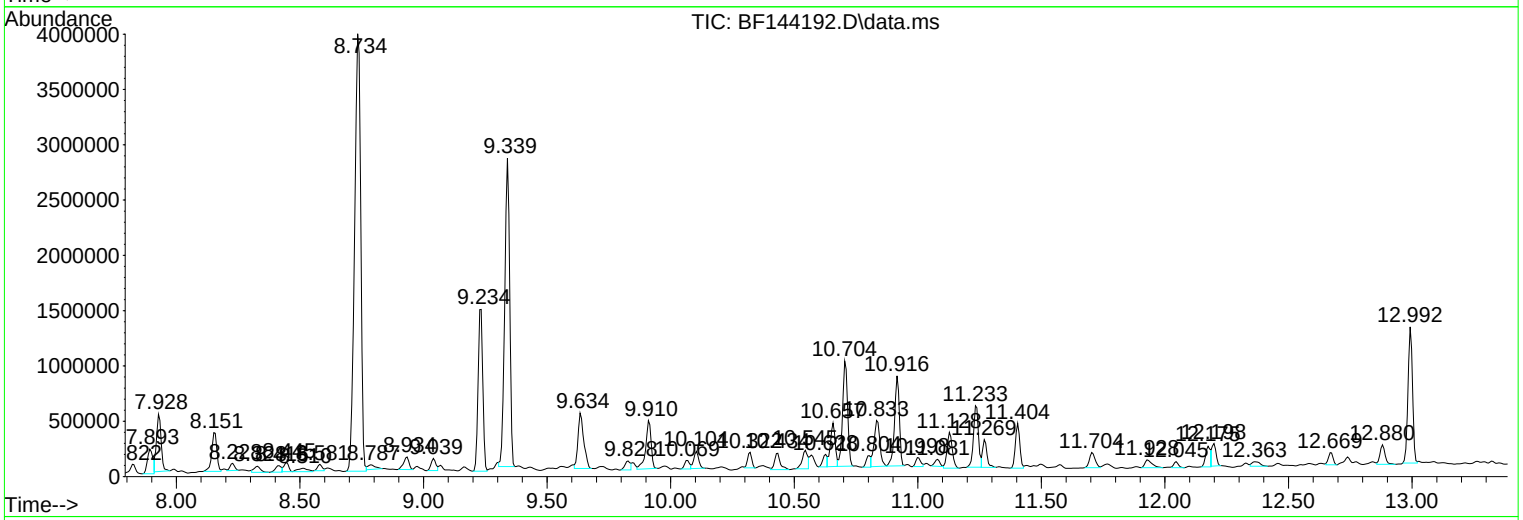
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

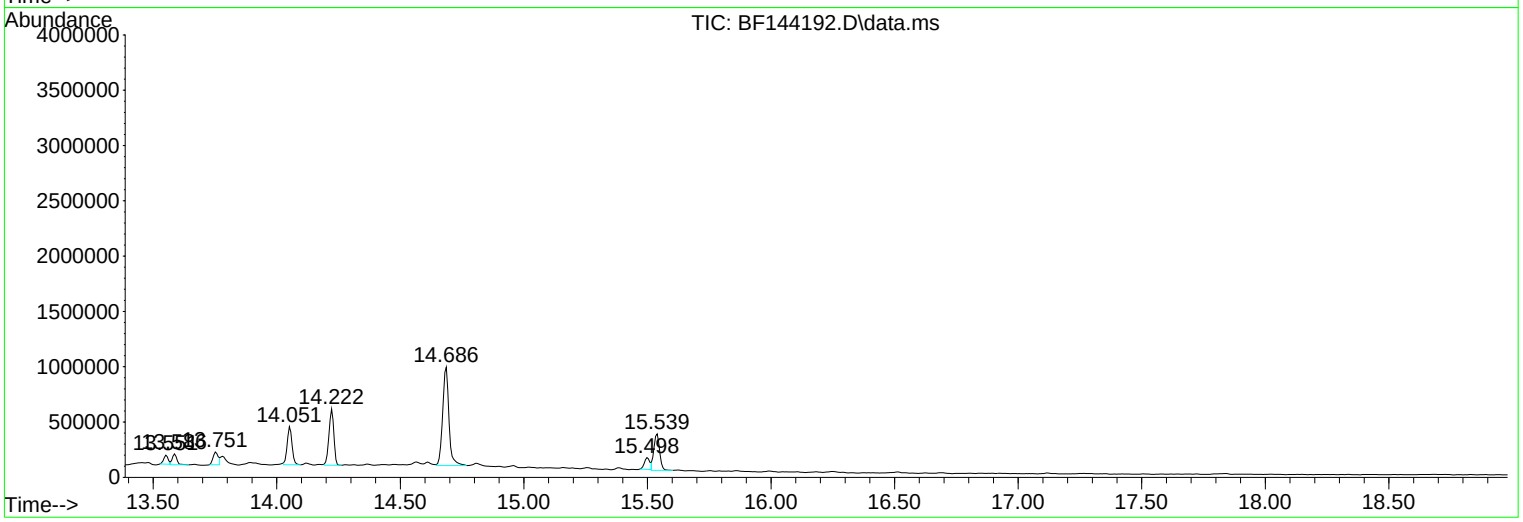
Instrument :
BNA_F
ClientSampleId :
MW-EB-1

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\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

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

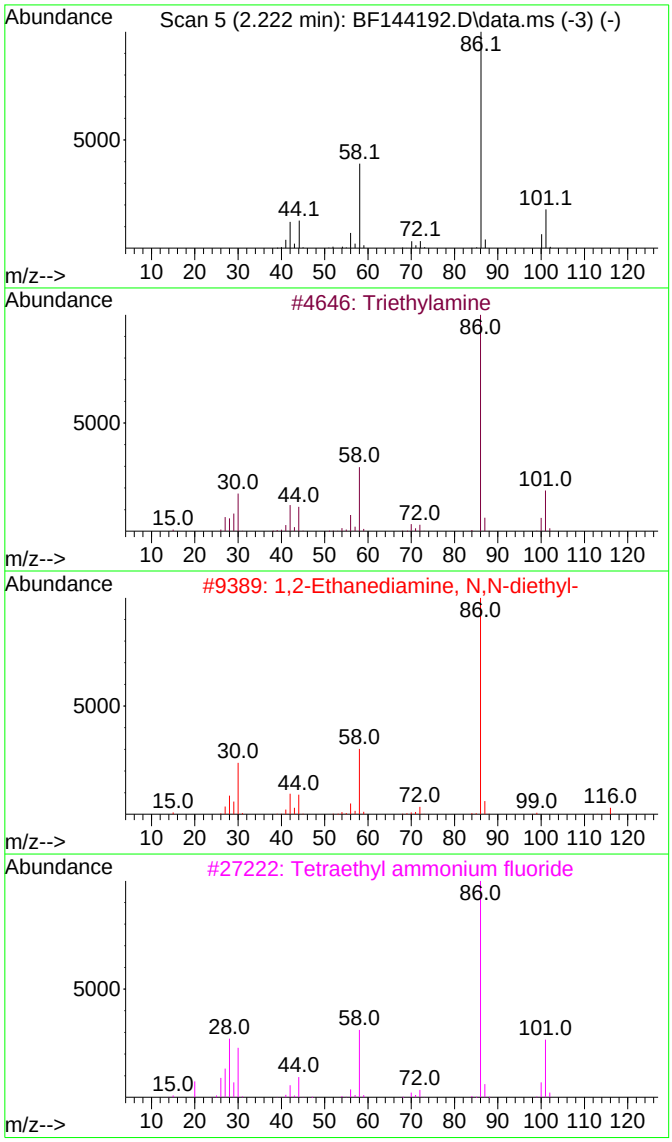
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

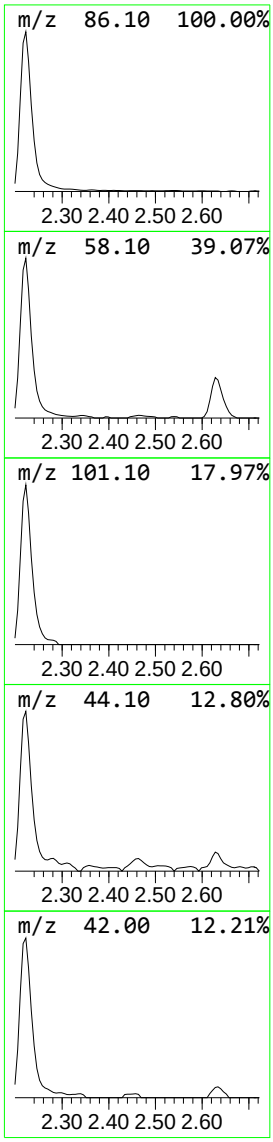
****

Peak Number 1 Triethylamine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.222	9.37 ng	209686	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylamine	101	C6H15N	000121-44-8	91
2	1,2-Ethanediamine, N,N-diethyl-	116	C6H16N2	000100-36-7	72
3	Tetraethyl ammonium fluoride	149	C8H20FN	000665-46-3	64
4	1,2-Ethanediamine, N,N-diethyl-N...	130	C7H18N2	000104-79-0	64
5	Tetraethylammonium chloride	165	C8H20ClN	000056-34-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

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

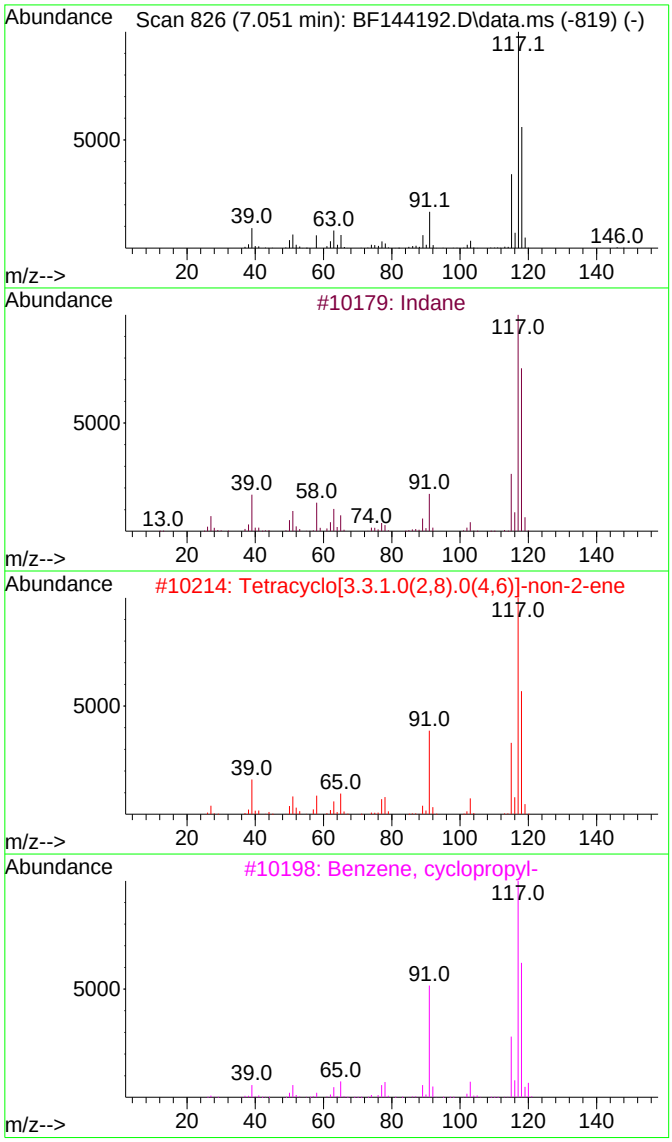
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

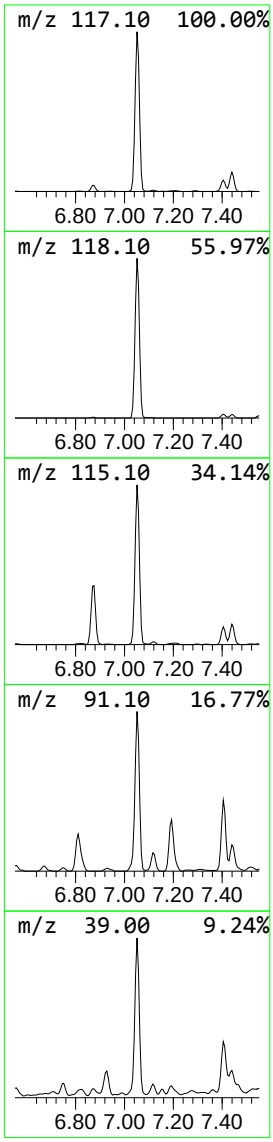
****

Peak Number 6 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	41.20 ng	921791	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

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

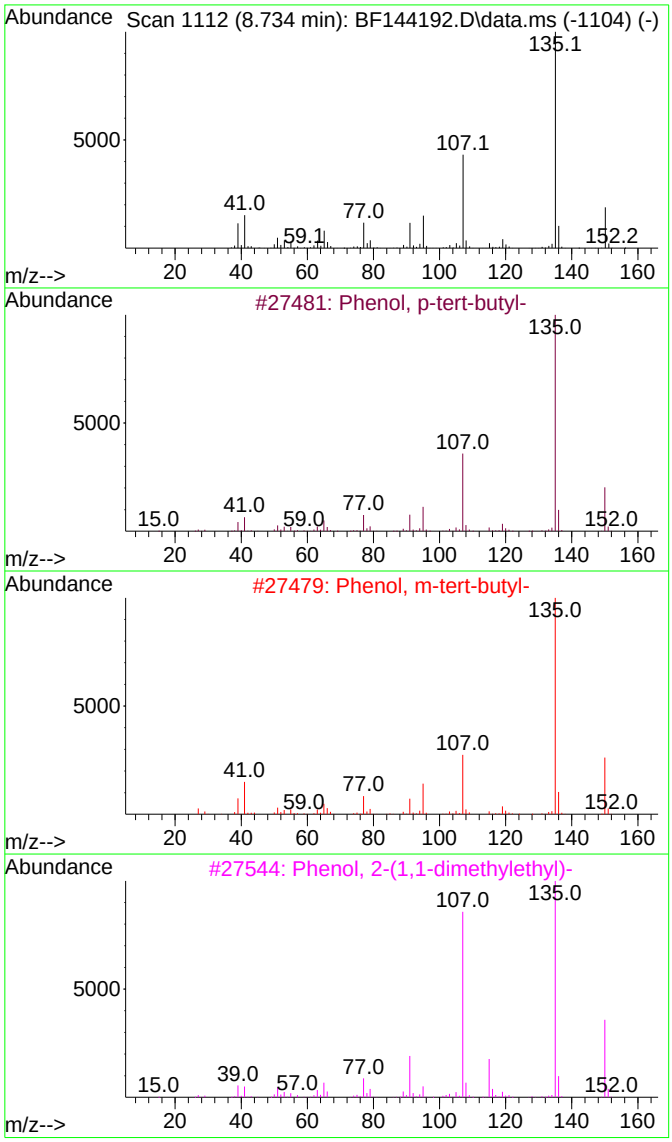
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

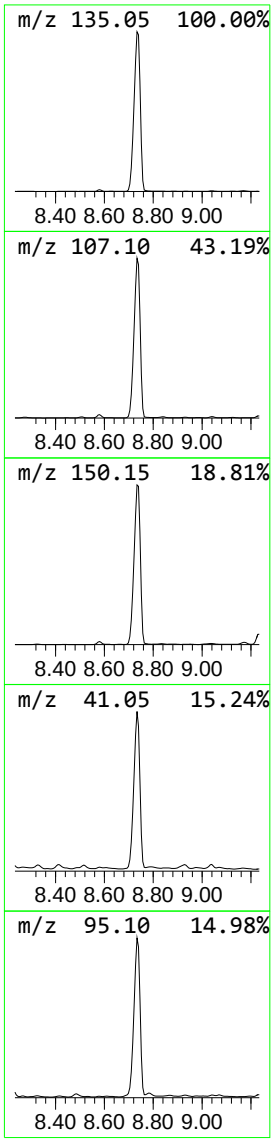
****

Peak Number 9 Phenol, p-tert-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.734	272.91 ng	6872210	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	93
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	74
4	Imidazo[1,2-c]pyrimidin-5-ol	135	C6H5N3O	055662-66-3	58
5	5-Cyano-1,2,3,4-tetrahydro-4,6-d...	150	C8H10N2O	027036-93-7	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

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

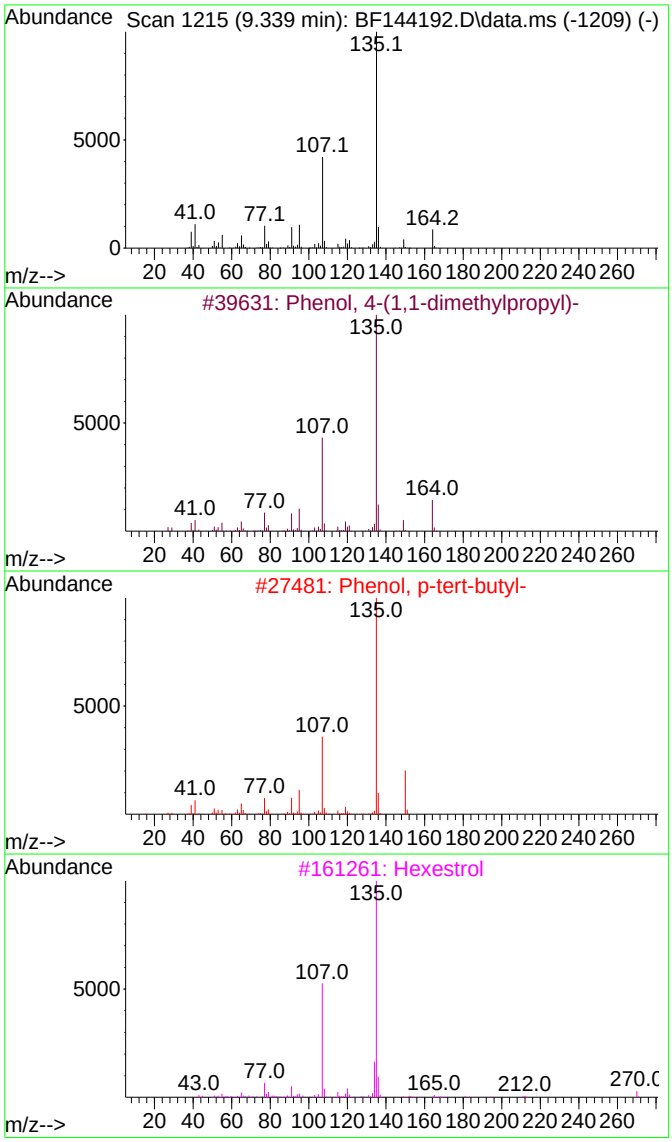
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

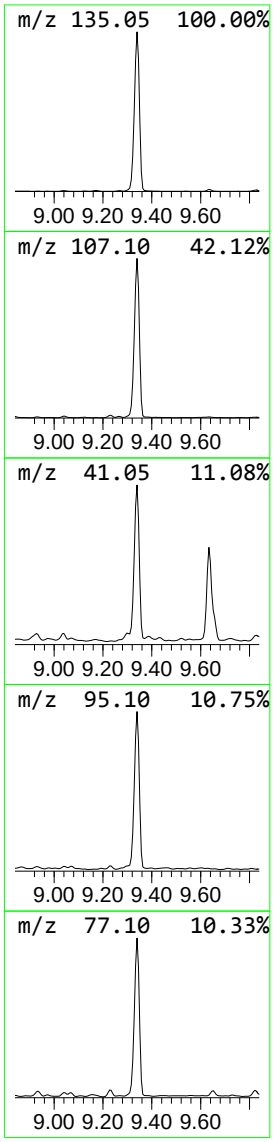
****

Peak Number 10 Phenol, 4-(1,1-dimethylprop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.339	117.04 ng	3906630	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	95
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	86
3	Hexestrol	270	C18H22O2	000084-16-2	72
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
5	4,4'-(1,2-diethylethylene)diphenol	270	C18H22O2	005635-50-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

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

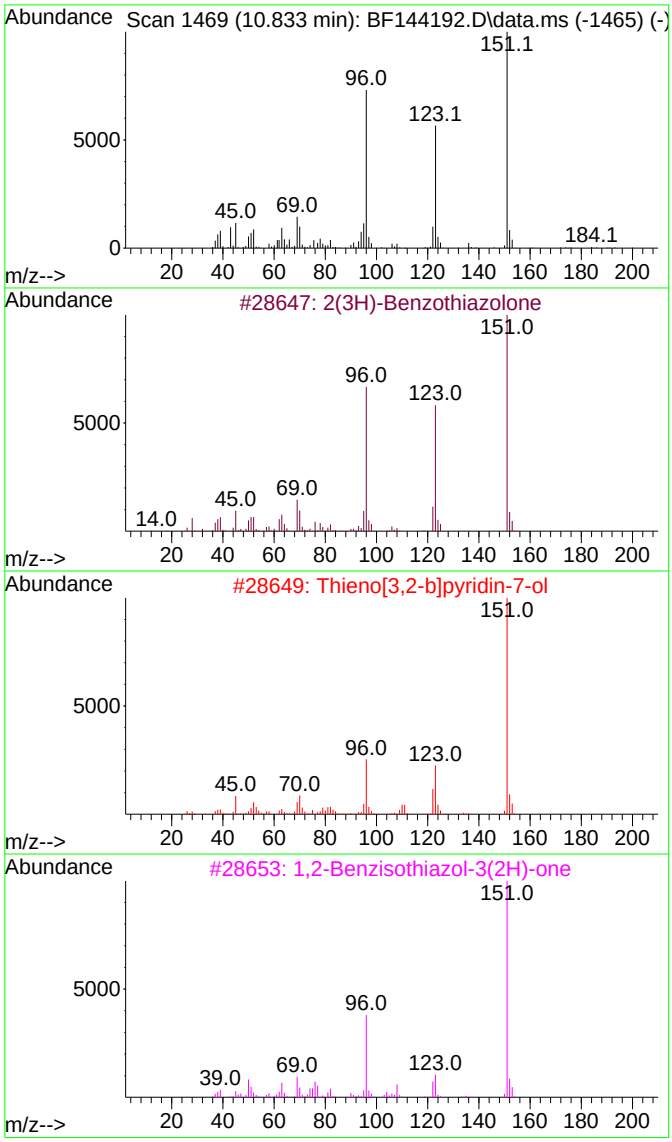
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

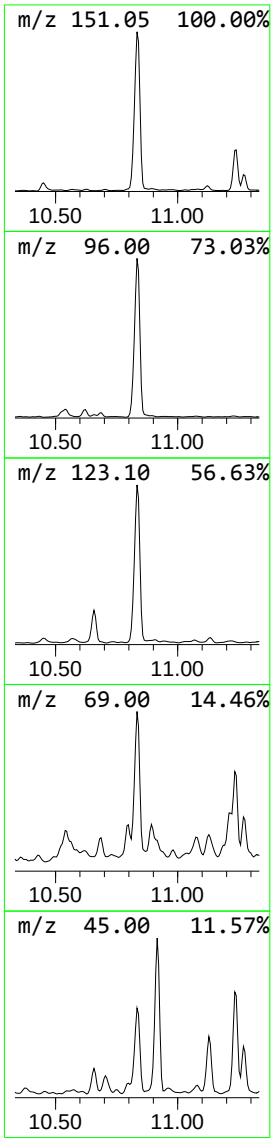
****

Peak Number 12 2(3H)-Benzothiazolone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.834	26.18 ng	664454	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
2	Thieno[3,2-b]pyridin-7-ol	151	C7H5NOS	107818-20-2	58
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	49
4	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	47
5	2-Cyano-3-fluorophenylhydrazine	151	C7H6FN3	1000131-91-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

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

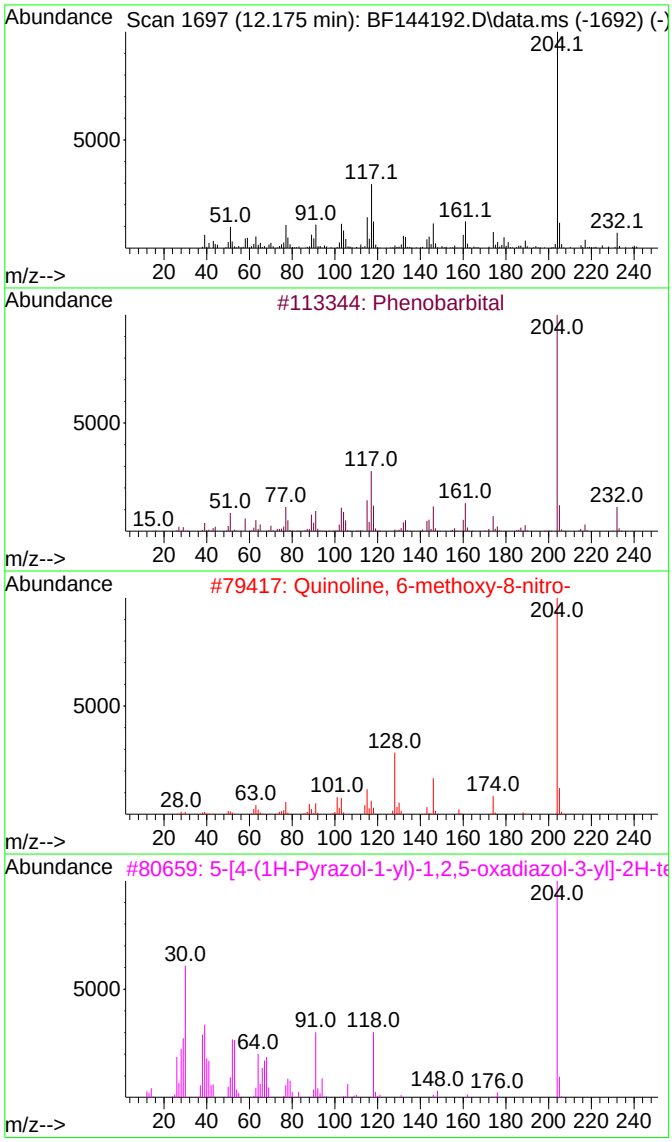
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

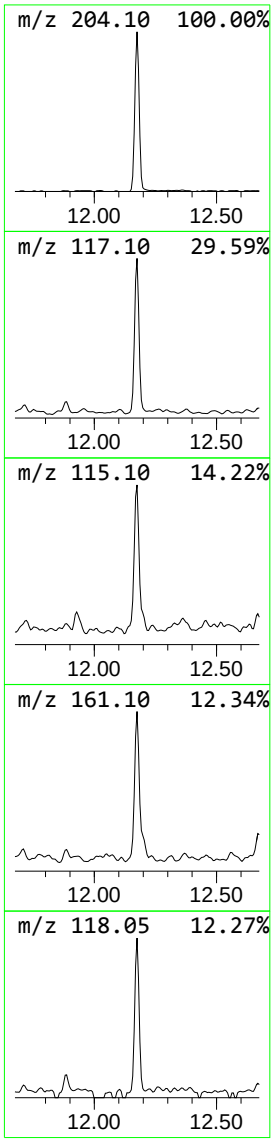
****

Peak Number 17 Phenobarbital Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.175	10.86 ng	275526	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenobarbital	232	C12H12N2O3	000050-06-6	96
2	Quinoline, 6-methoxy-8-nitro-	204	C10H8N2O3	000085-81-4	52
3	5-[4-(1H-Pyrazol-1-yl)-1,2,5-oxa...	204	C6H4N8O	1000460-43-6	47
4	2-Methyl-6-nitro-4-quinolinol	204	C10H8N2O3	001207-82-5	47
5	6-Hydroxy-8-nitrolepidine	204	C10H8N2O3	1000213-59-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

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

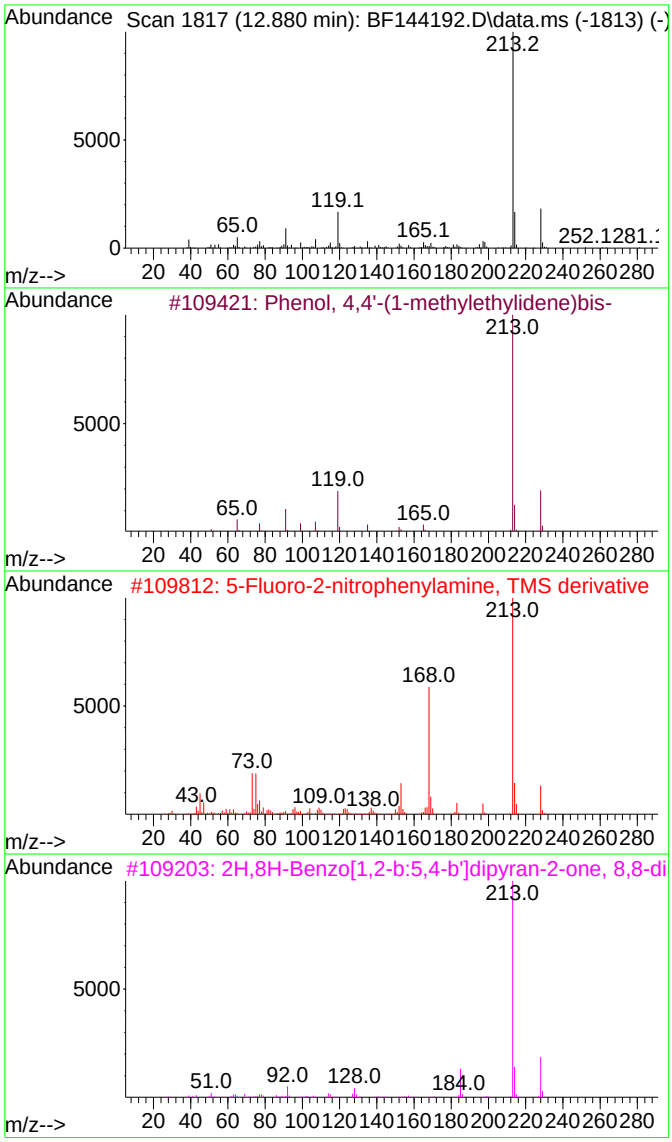
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

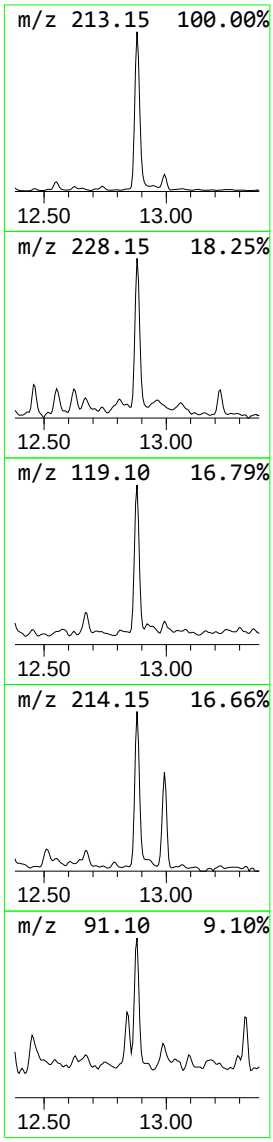
****

Peak Number 18 Phenol, 4,4'-(1-methylethyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.880	10.65 ng	248792	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	5-Fluoro-2-nitrophenylamine, TMS...	228	C9H13FN2O2Si	1000484-54-5	59
3	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	59
4	4H-Pyrazolo[5,1-c]-1,4-benzodiaz...	213	C11H7N3O2	1000277-20-1	59
5	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

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
Triethylamine	2.222	9.4	ng	209686	1	6.875	447492	20.0
Indane	7.051	41.2	ng	921791	1	6.875	447492	20.0
Phenol, p-tert-...	8.734	272.9	ng	6872210	2	8.157	503630	20.0
Phenol, 4-(1,1-...	9.339	117.0	ng	3906630	3	9.910	667546	20.0
2(3H)-Benzothia...	10.834	26.2	ng	664454	4	11.404	507550	20.0
Phenobarbital	12.175	10.9	ng	275526	4	11.404	507550	20.0
Phenol, 4,4'-(1...	12.880	10.7	ng	248792	5	14.051	467083	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Quant Time: Nov 07 01:02:25 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

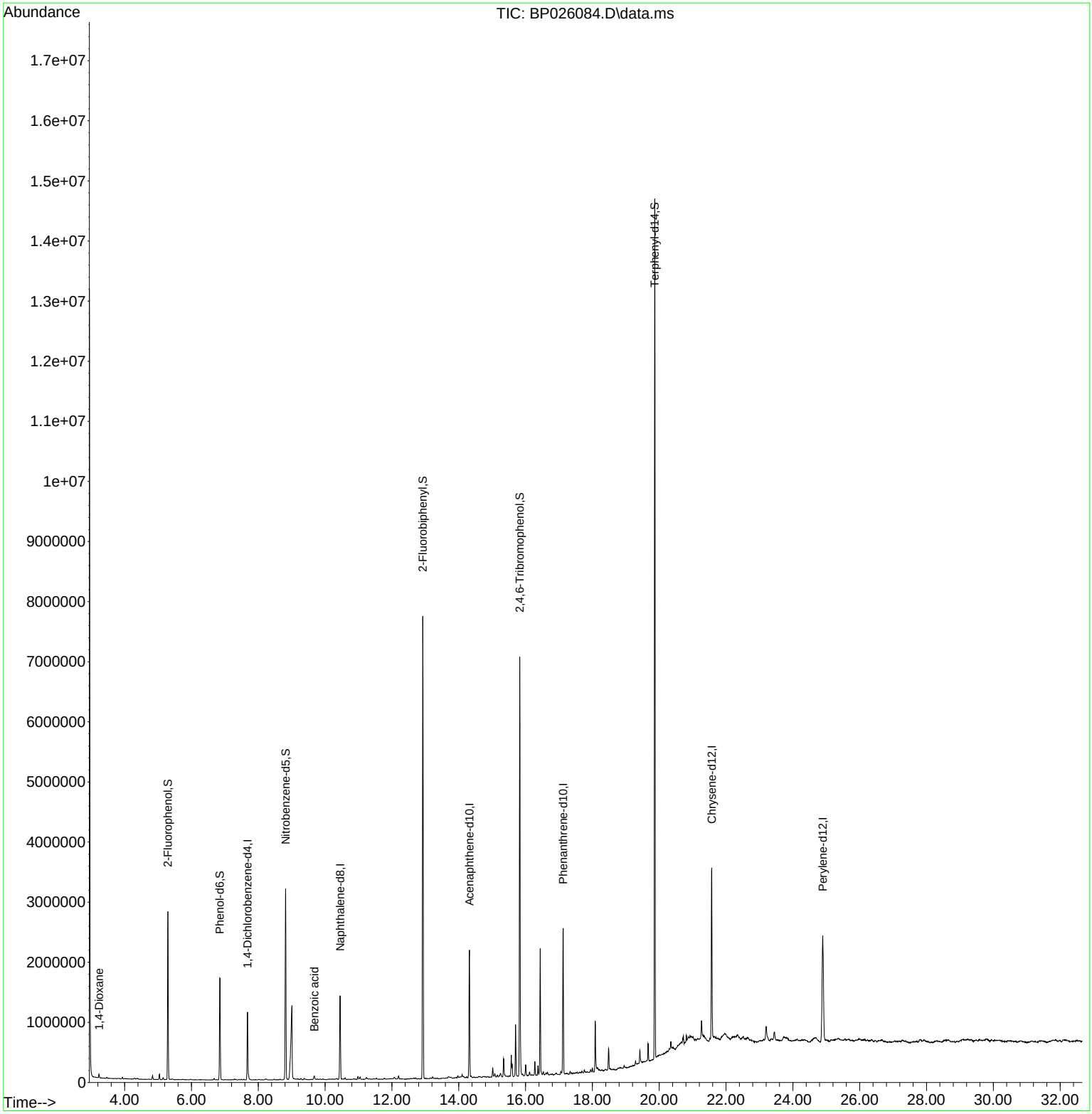
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	311269	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1204036	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	734309	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1476005	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1673935	20.000	ng	0.00
86) Perylene-d12	24.895	264	1952856	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1208679	64.074	ng	0.00
7) Phenol-d6	6.849	99	1017253	42.368	ng	0.00
23) Nitrobenzene-d5	8.819	82	1756493	90.944	ng	0.00
42) 2,4,6-Tribromophenol	15.825	330	1265917	159.464	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	4039177	79.040	ng	0.00
79) Terphenyl-d14	19.866	244	6548074	79.475	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	28071	3.530	ng	# 85
32) Benzoic acid	9.678	122	23950	6.009	ng	98

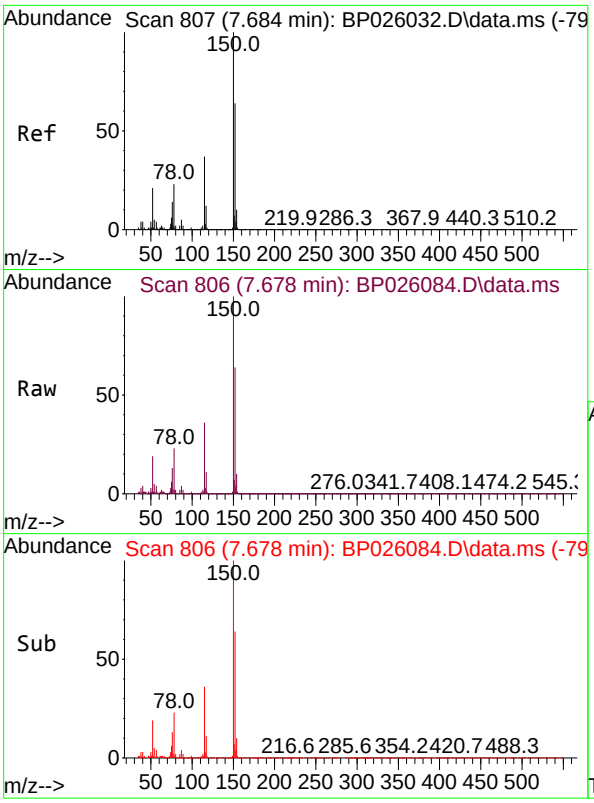
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Quant Time: Nov 07 01:02:25 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



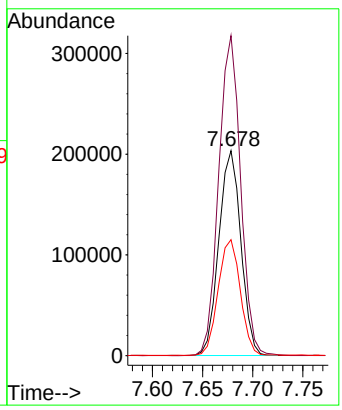


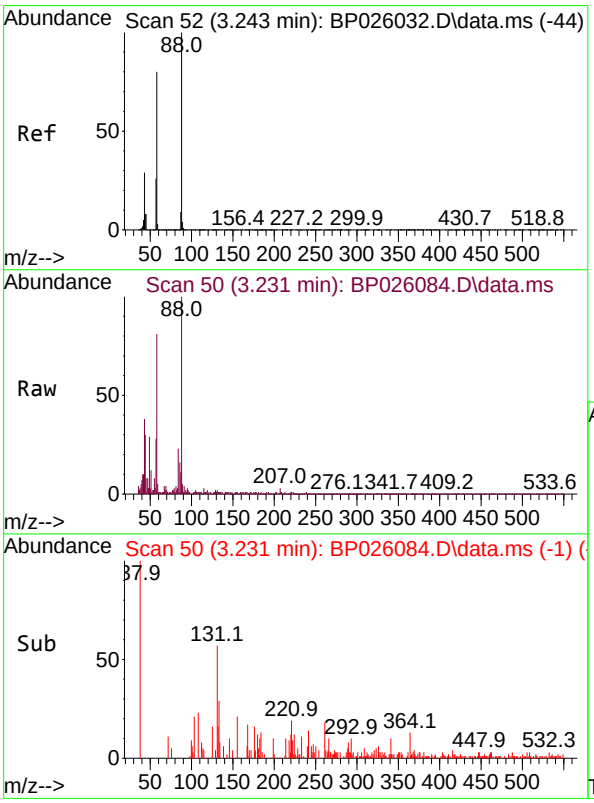
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Tgt Ion:152 Resp: 311269

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.7	188.5
115	56.6	46.4	69.6

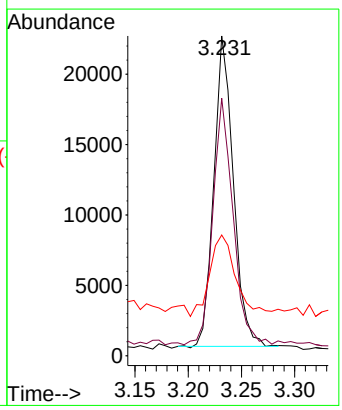


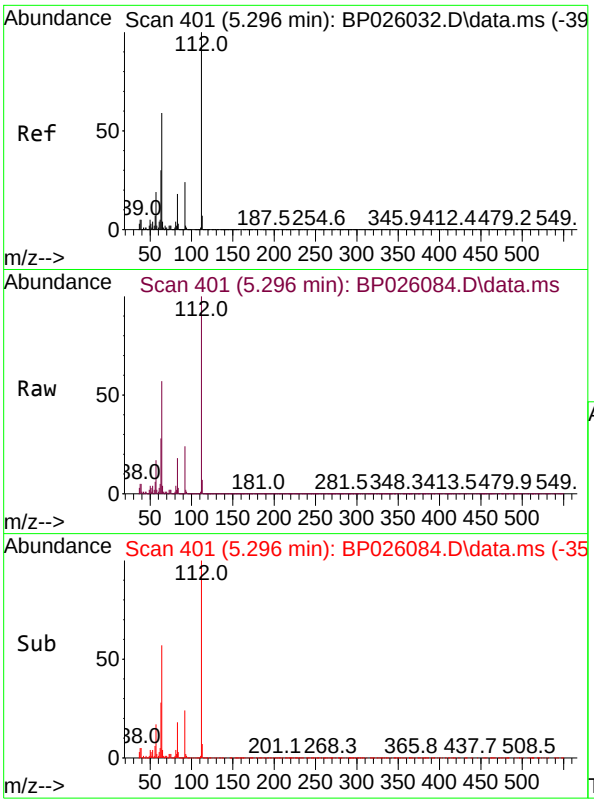


#2
1,4-Dioxane
Concen: 3.530 ng
RT: 3.231 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion: 88 Resp: 28071

Ion	Ratio	Lower	Upper
88	100		
58	82.3	65.4	98.0
43	0.0	23.1	34.7#



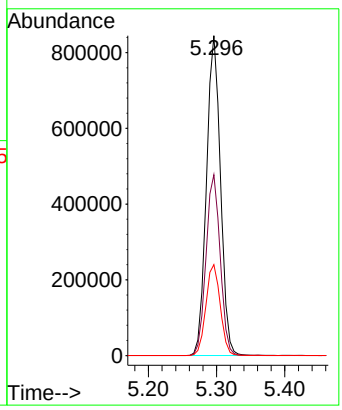


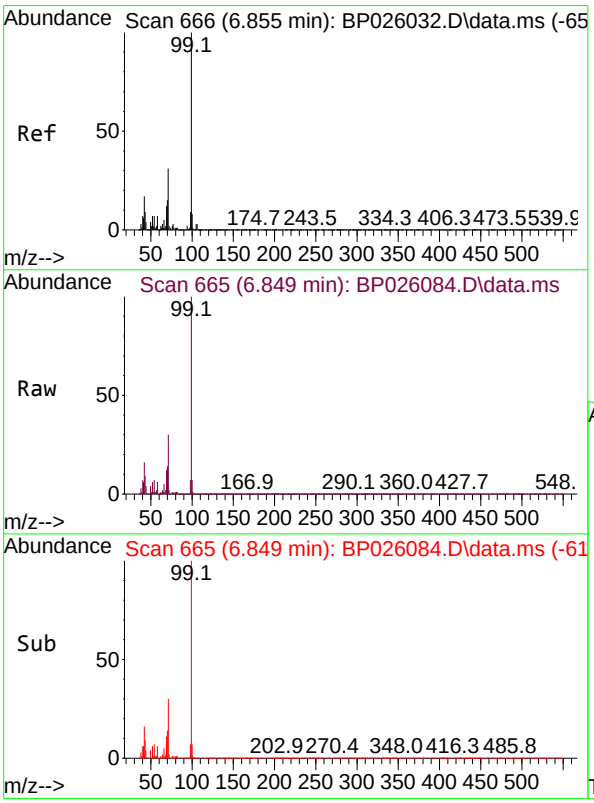
#5
2-Fluorophenol
Concen: 64.074 ng
RT: 5.296 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Tgt Ion:112 Resp: 1208679

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.4	71.2
63	28.4	24.2	36.4

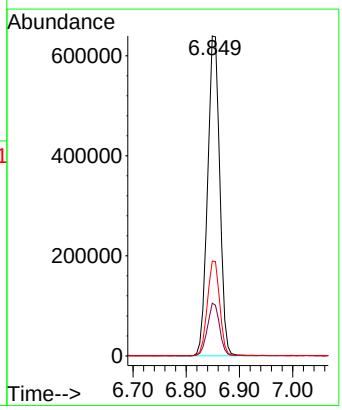


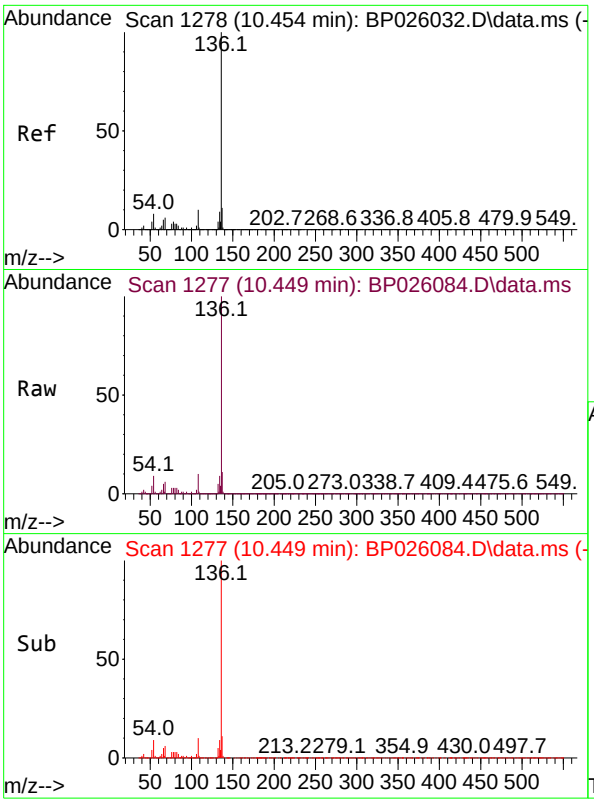


#7
Phenol-d6
Concen: 42.368 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion: 99 Resp: 1017253

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.7	20.5
71	29.6	24.4	36.6



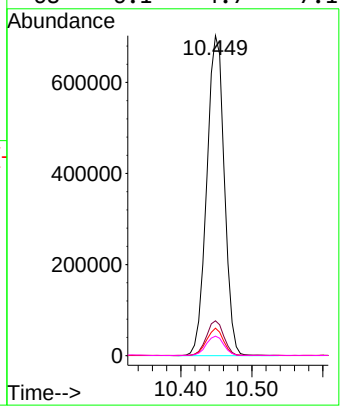


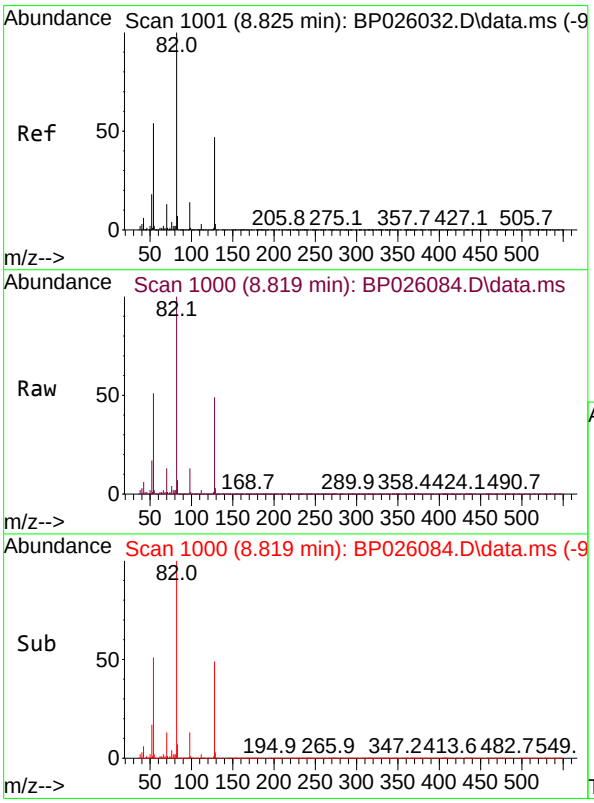
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Tgt Ion:136 Resp: 1204036

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.6	6.6	10.0
68	6.1	4.7	7.1

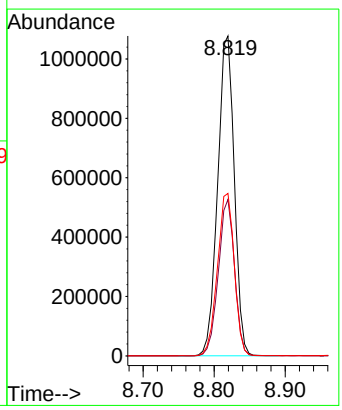


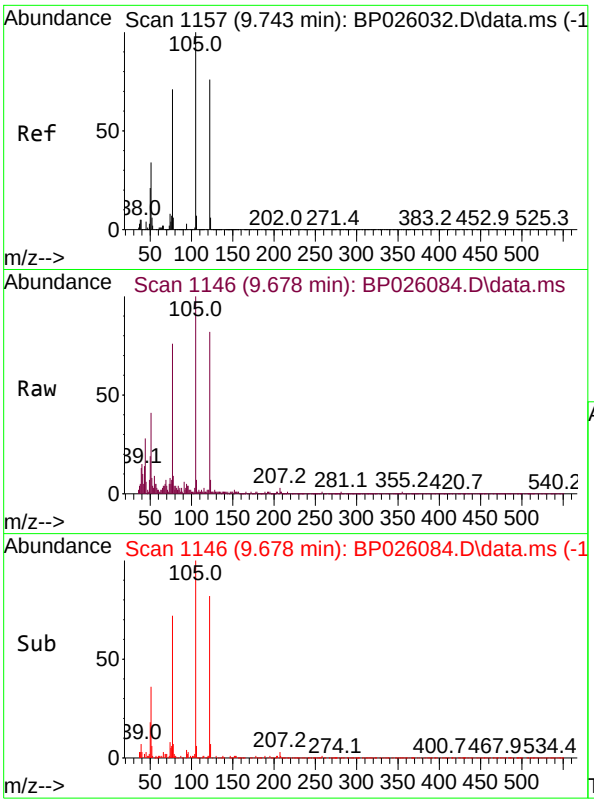


#23
Nitrobenzene-d5
Concen: 90.944 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion: 82 Resp: 1756493

Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.4	56.0
54	50.8	42.7	64.1



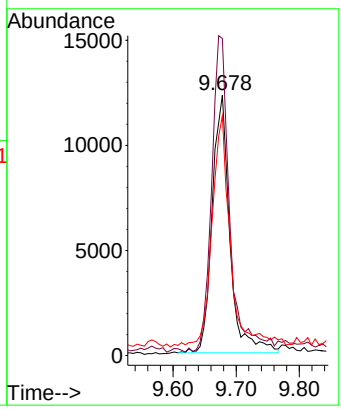


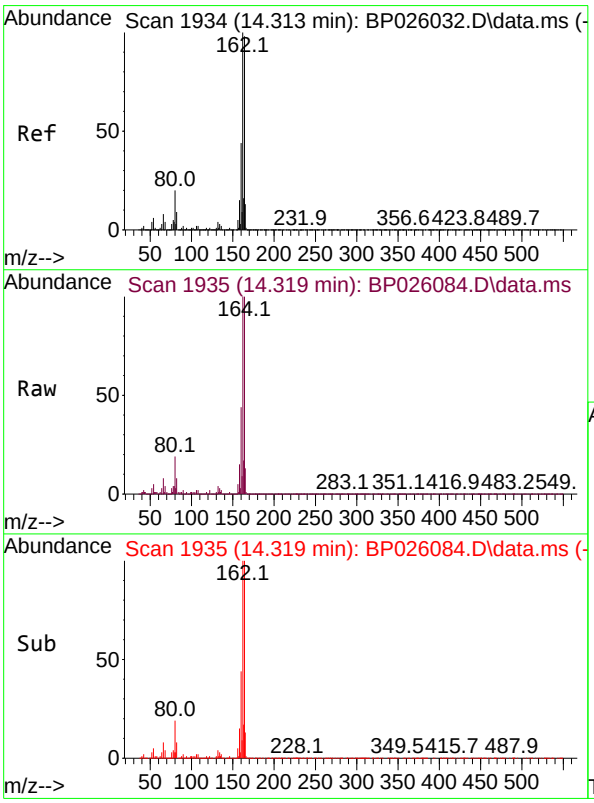
#32
Benzoic acid
Concen: 6.009 ng
RT: 9.678 min Scan# 11
Delta R.T. -0.100 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Tgt Ion:122 Resp: 23950

Ion	Ratio	Lower	Upper
122	100		
105	121.7	104.8	144.8
77	92.0	70.9	110.9

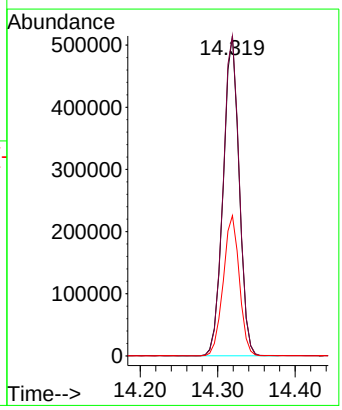


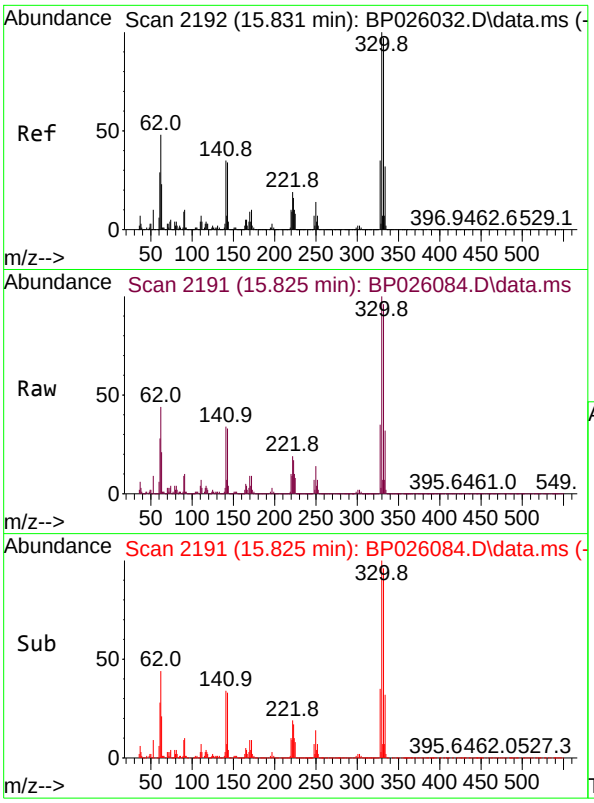


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion:164 Resp: 734309

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.5	122.3
160	43.9	36.2	54.4



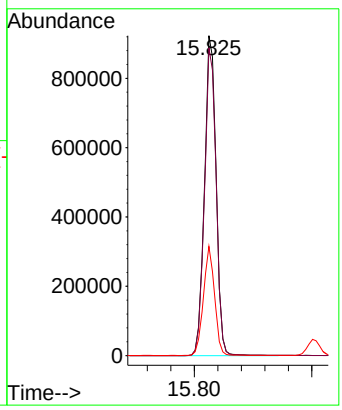


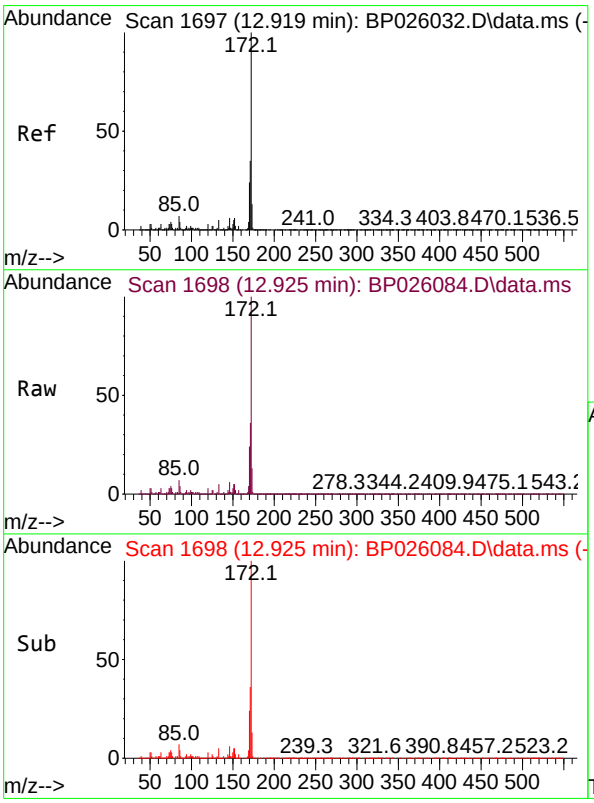
#42
2,4,6-Tribromophenol
Concen: 159.464 ng
RT: 15.825 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Tgt Ion:330 Resp: 1265917

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	32.7	28.6	42.8

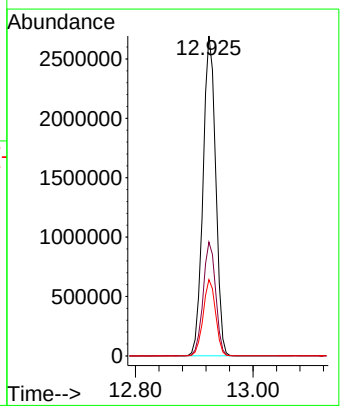


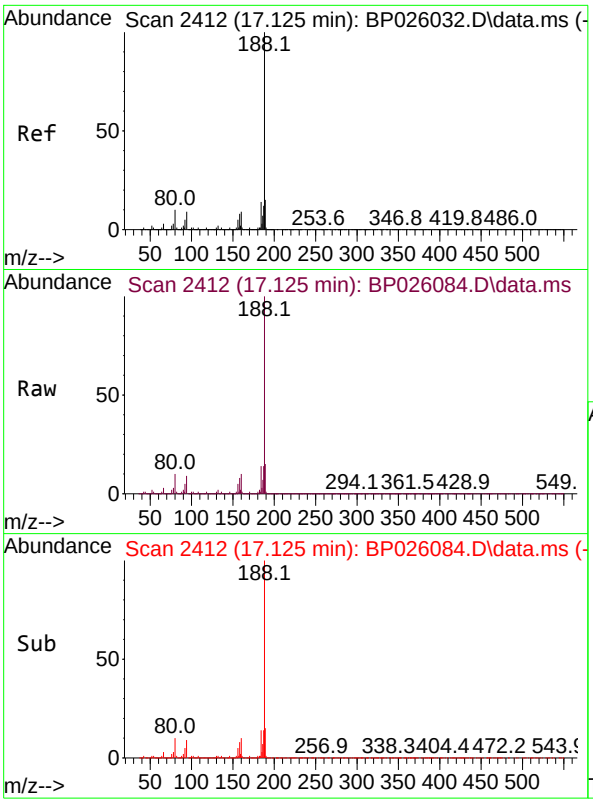


#45
2-Fluorobiphenyl
Concen: 79.040 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion:172 Resp: 4039177

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	23.8	19.0	28.4



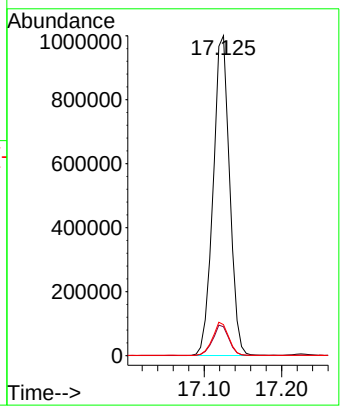


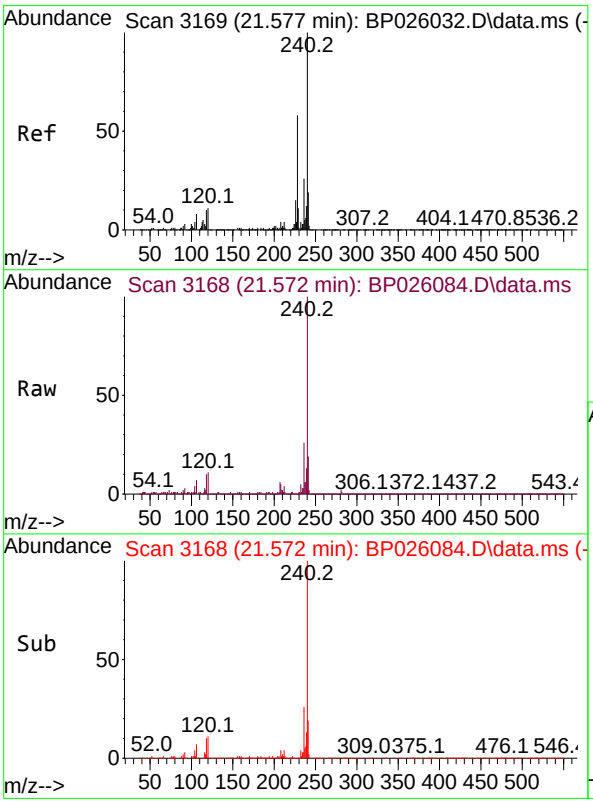
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Tgt Ion:188 Resp: 1476005

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.7	7.9	11.9

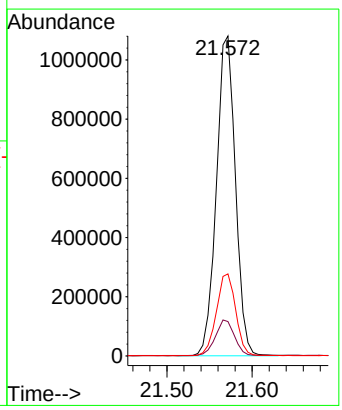


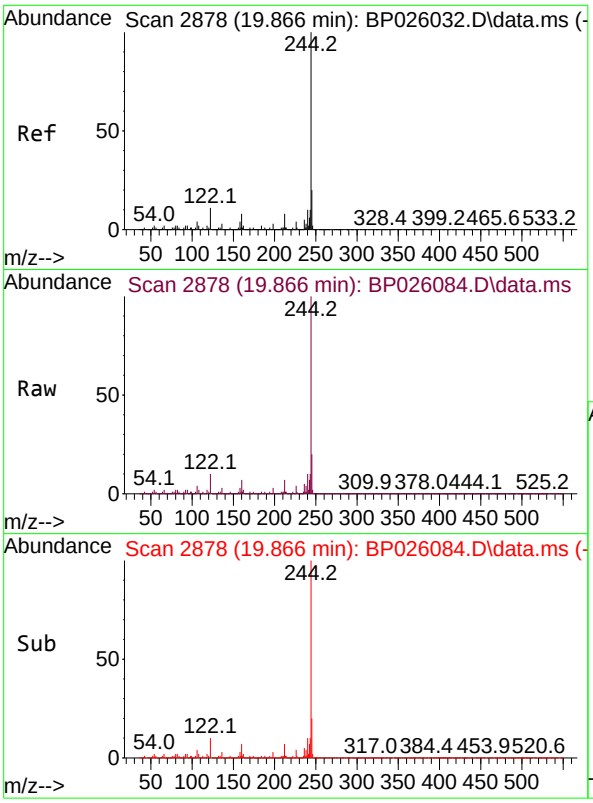


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3168
Delta R.T. 0.006 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion:240 Resp: 1673935

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.6	20.6	31.0



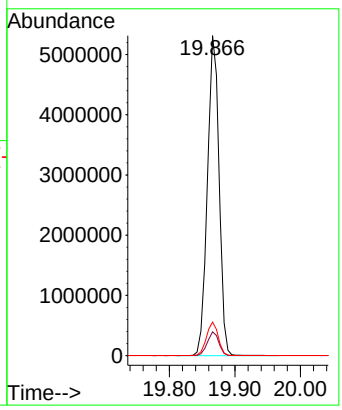


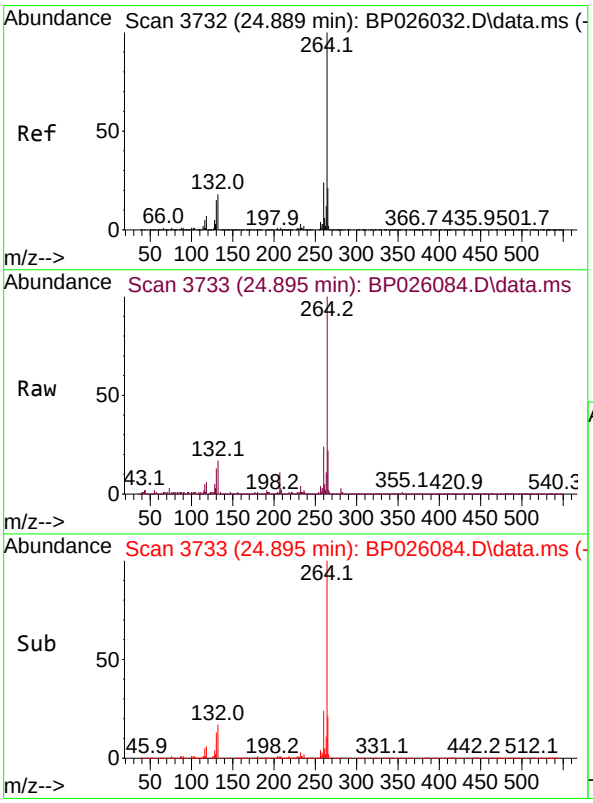
#79
Terphenyl-d14
Concen: 79.475 ng
RT: 19.866 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Tgt Ion:244 Resp: 6548074

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

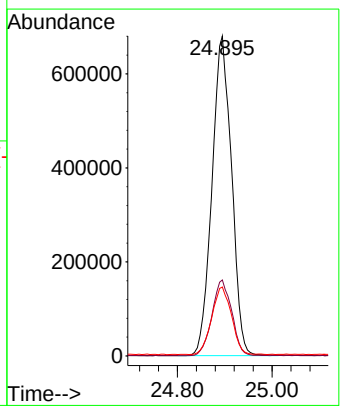




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.895 min Scan# 3733
Delta R.T. 0.012 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion:264 Resp: 1952856

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.5	17.2	25.8



Sample Results: **BP026084.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-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_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026084.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.296	394	401	410	rBV	2796871	4048681	23.01%	4.833%
2	6.849	658	665	675	rBV	1695173	2752932	15.64%	3.287%
3	7.678	798	806	824	rVB	1129024	1873663	10.65%	2.237%
4	8.819	992	1000	1009	rBV	3172683	5173099	29.40%	6.176%
5	9.008	1012	1032	1040	rBV	1231081	3532418	20.07%	4.217%
6	10.449	1270	1277	1284	rBV	1392306	2370314	13.47%	2.830%
7	12.925	1691	1698	1706	rBV	7696742	11383768	64.69%	13.590%
8	14.319	1927	1935	1941	rBV	2128399	3156599	17.94%	3.768%
9	15.019	2047	2054	2059	rBV	152879	260248	1.48%	0.311%
10	15.343	2104	2109	2121	rBV	303676	539576	3.07%	0.644%
11	15.572	2143	2148	2151	rBV	354362	488882	2.78%	0.584%
12	15.601	2151	2153	2158	rVB	207314	209866	1.19%	0.251%
13	15.701	2164	2170	2179	rVB	854913	1147721	6.52%	1.370%
14	15.825	2185	2191	2202	rBV	6971070	9776480	55.56%	11.672%
15	16.001	2217	2221	2227	rVB	177805	251041	1.43%	0.300%
16	16.278	2264	2268	2273	rVB	230369	303333	1.72%	0.362%
17	16.372	2280	2284	2288	rBV	160498	215237	1.22%	0.257%
18	16.437	2288	2295	2300	rBV	2091984	2782099	15.81%	3.321%
19	17.125	2405	2412	2420	rVB	2425255	3600897	20.46%	4.299%
20	18.084	2570	2575	2583	rBV	846769	1291907	7.34%	1.542%
21	18.484	2638	2643	2649	rBV	346618	546453	3.11%	0.652%
22	19.419	2799	2802	2812	rBV	201342	304437	1.73%	0.363%
23	19.666	2841	2844	2850	rVB	291658	358011	2.03%	0.427%
24	19.866	2873	2878	2884	rBV	14301037	17596876	100.00%	21.008%
25	21.266	3113	3116	3125	rVB2	263633	384213	2.18%	0.459%
26	21.572	3162	3168	3178	rBV2	2829743	4459858	25.34%	5.324%
27	24.895	3724	3733	3745	rVB	1737157	4954677	28.16%	5.915%

Sum of corrected areas: 83763286

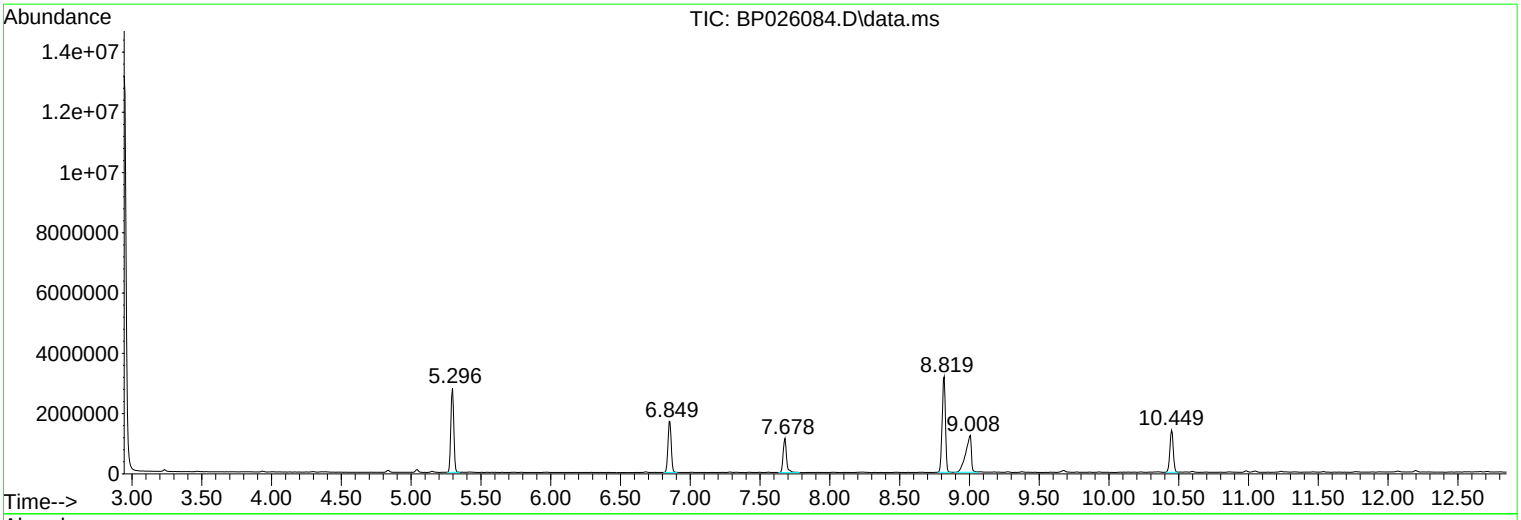
Sample Results: **BP026084.D**

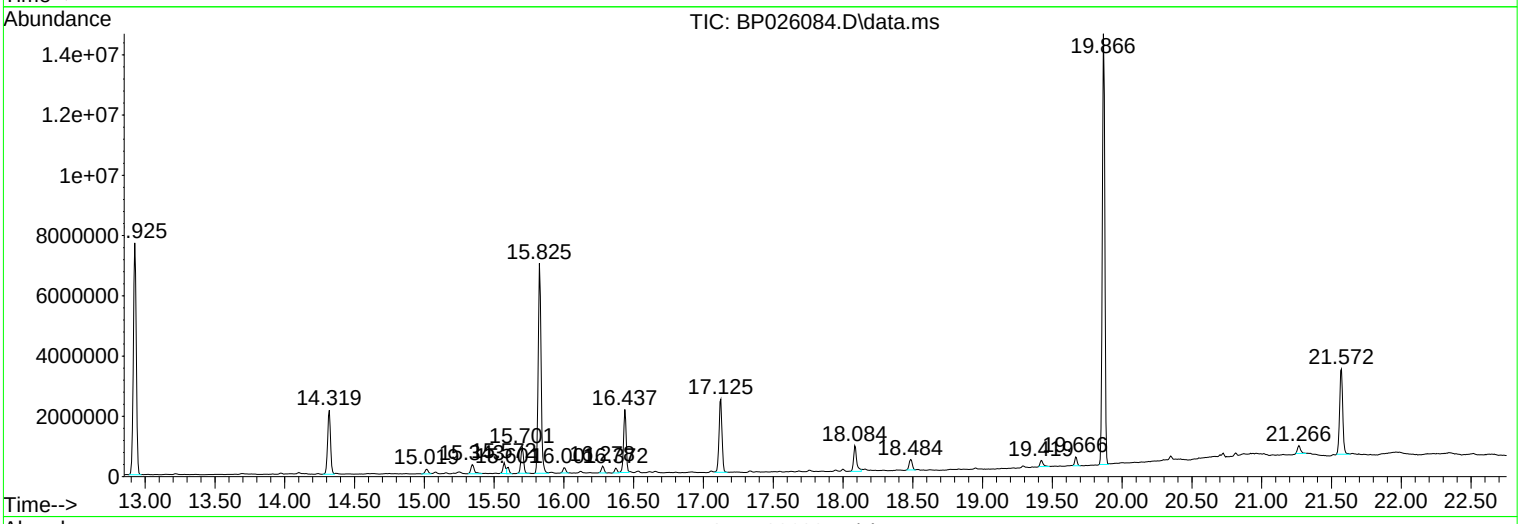
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

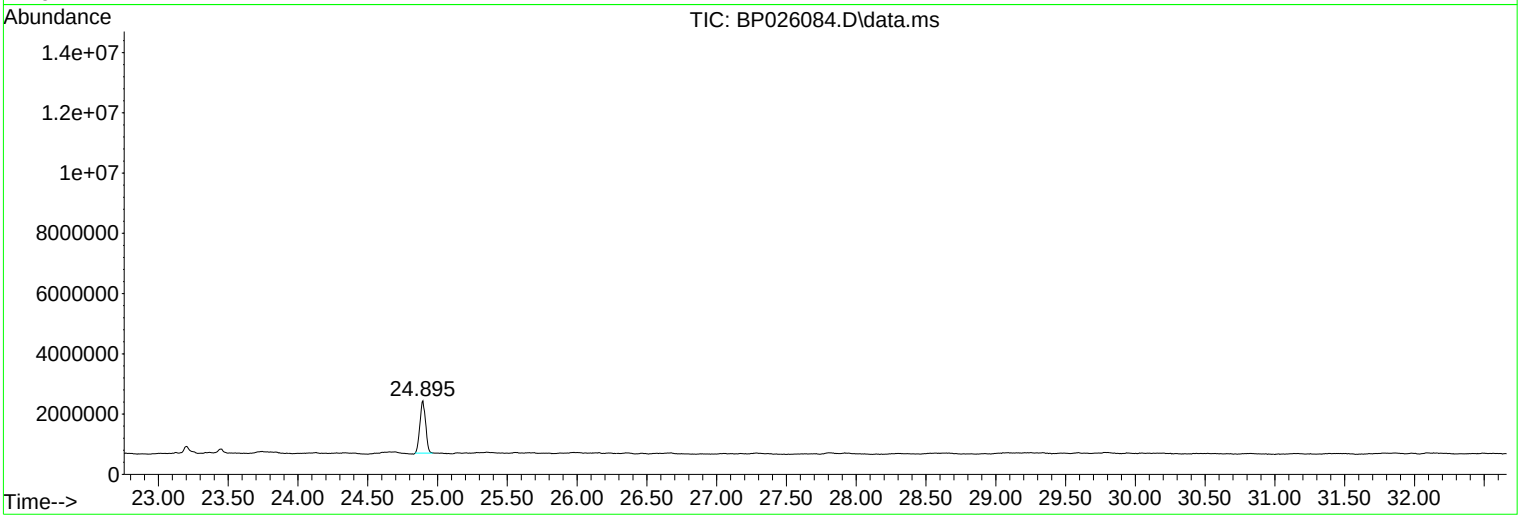
Instrument :
BNA_P
ClientSampleId :
MW-EB-2

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\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

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

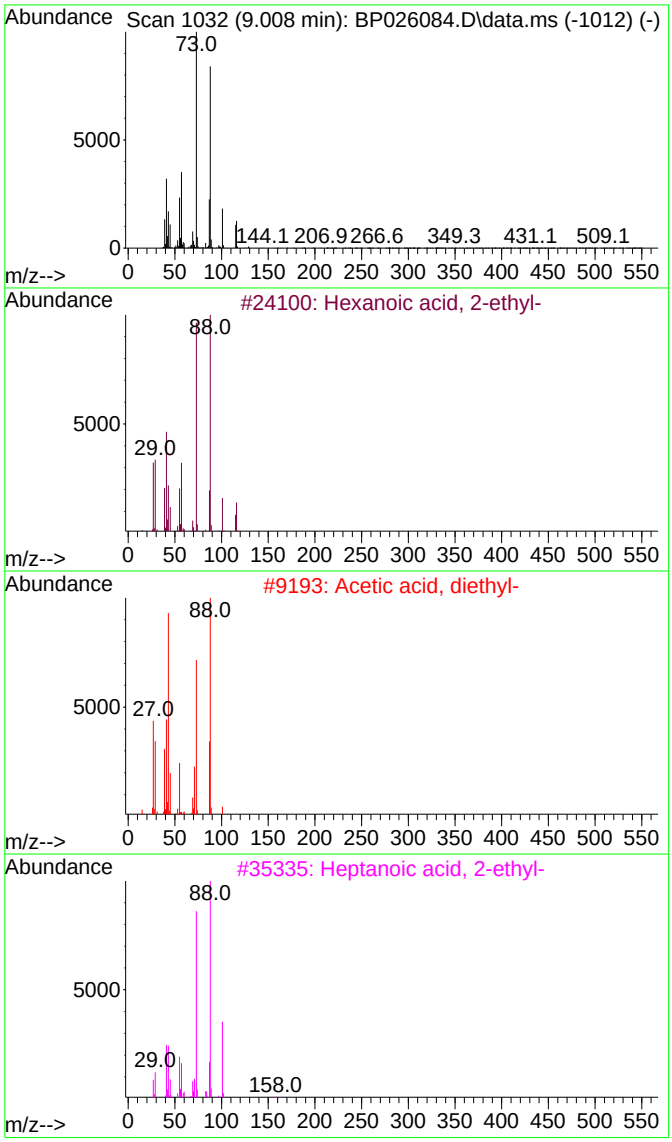
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

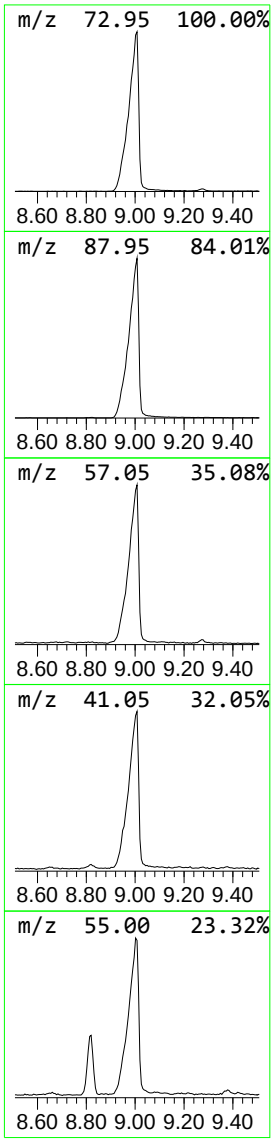
****

Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.008	37.71 ng	3532420	1,4-Dichlorobenzene-d4	7.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	59
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
4	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	56
5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

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

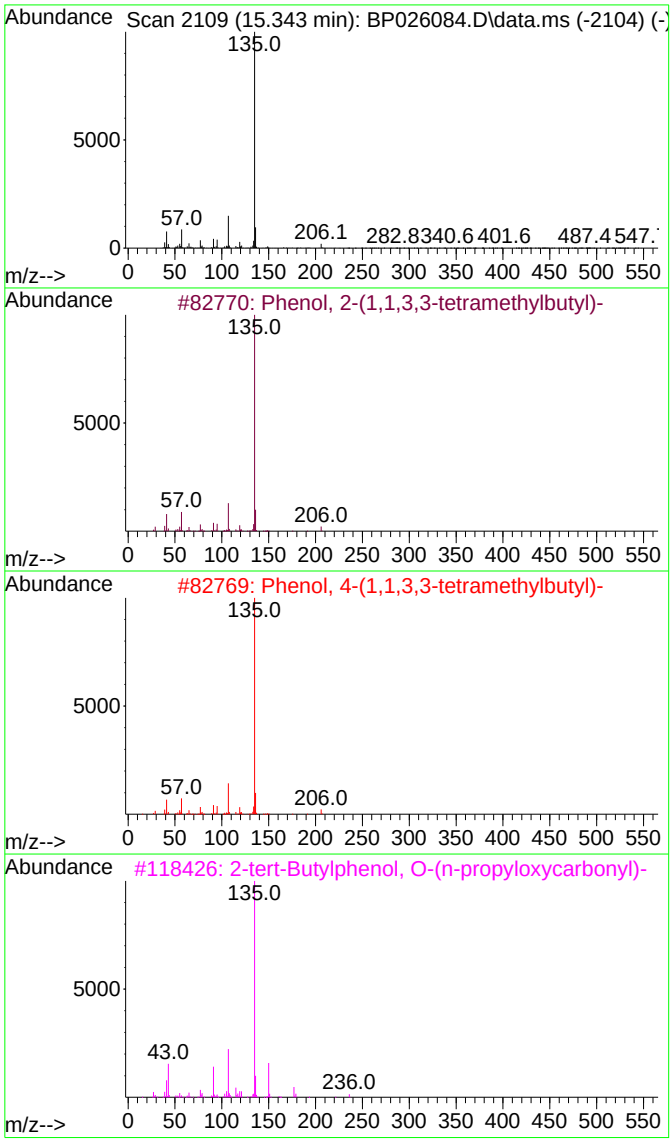
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

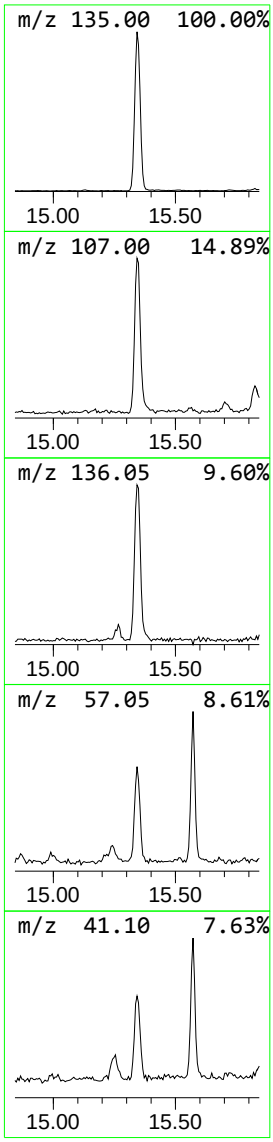
****

Peak Number 2 Phenol, 2-(1,1,3,3-tetramet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.342	3.42 ng	539576	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	97
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	95
3	2-tert-Butylphenol, O-(n-propylo...	236	C14H20O3	1000487-37-9	78
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

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

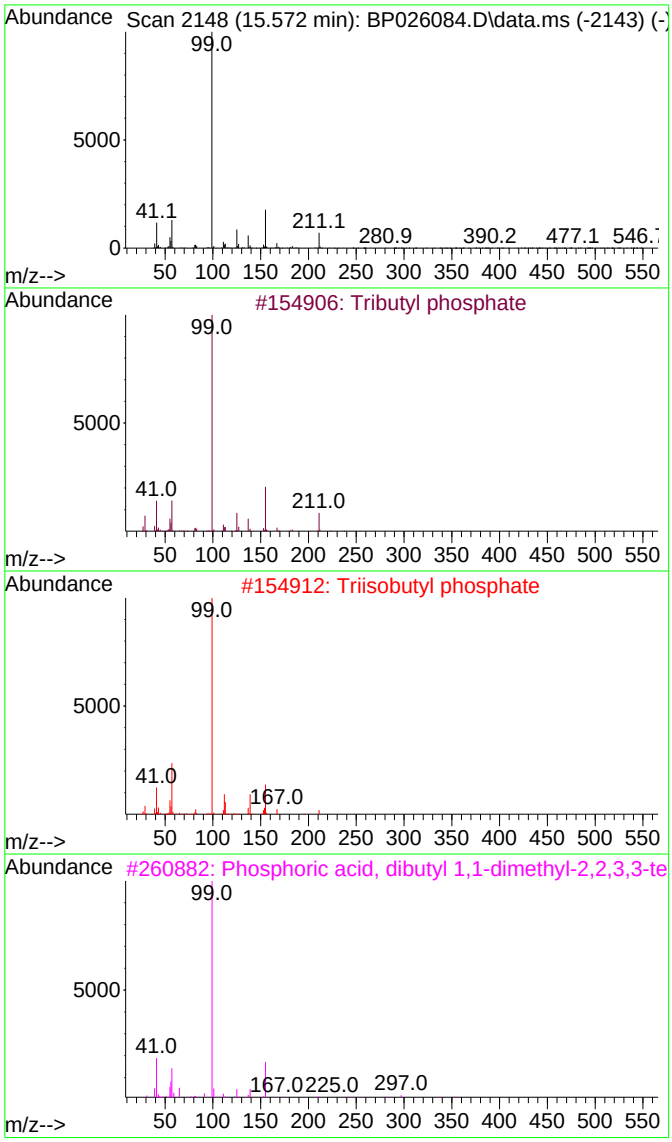
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

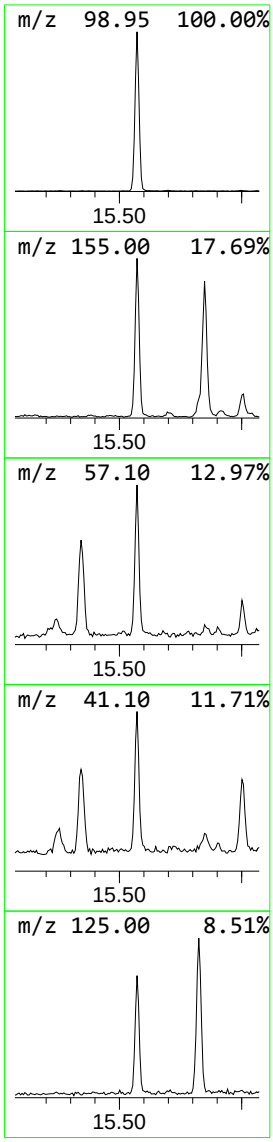
****

Peak Number 3 Tributyl phosphate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.572	3.10 ng	488882	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	91
2	Triisobutyl phosphate	266	C12H27O4P	000126-71-6	78
3	Phosphoric acid, dibutyl 1,1-dim...	352	C13H25F4O4P	1000298-93-9	72
4	Phosphoric acid, dibutyl 3-trifl...	348	C14H28F3O4P	1000298-93-8	39
5	Fumaric acid, 4-chlorophenyl hep...	324	C17H21ClO4	1000405-84-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

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

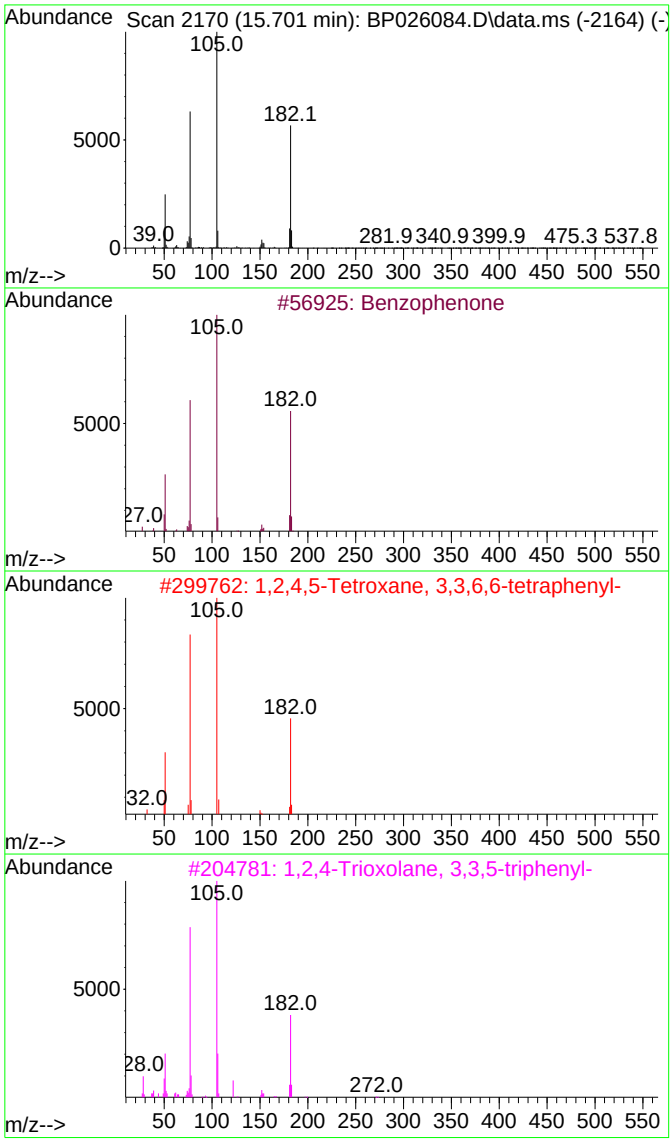
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

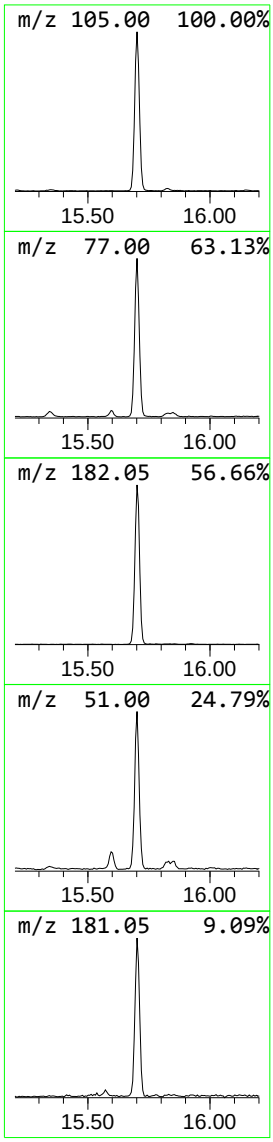
****

Peak Number 4 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.701	7.27 ng	1147720	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45
4	Azobenzene	182	C12H10N2	000103-33-3	40
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

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

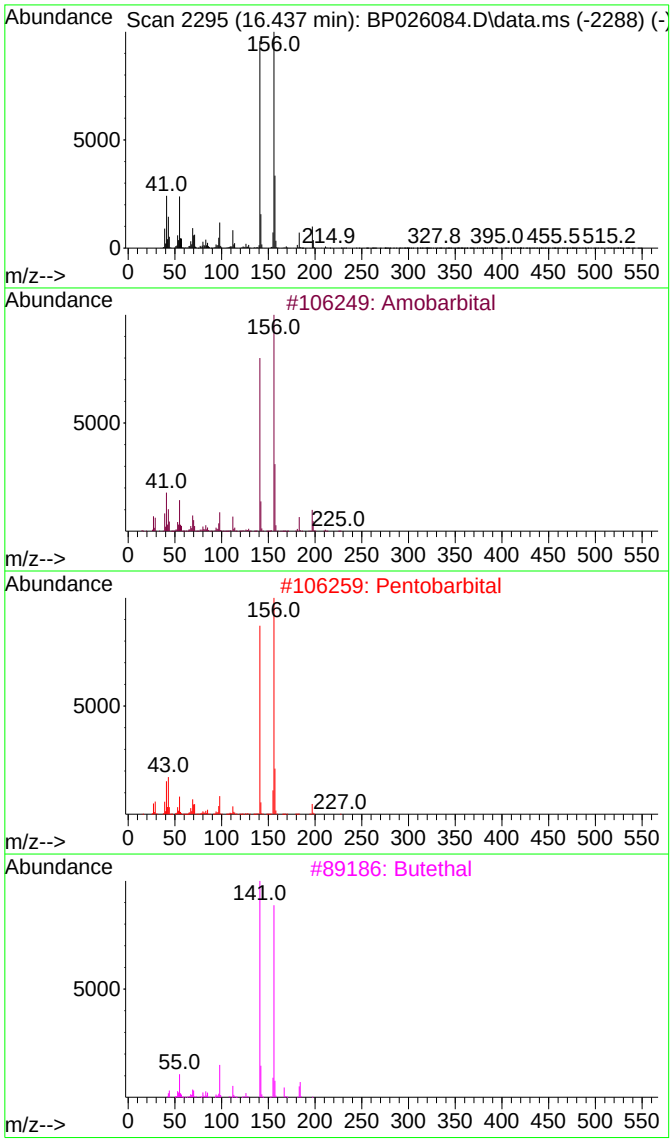
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

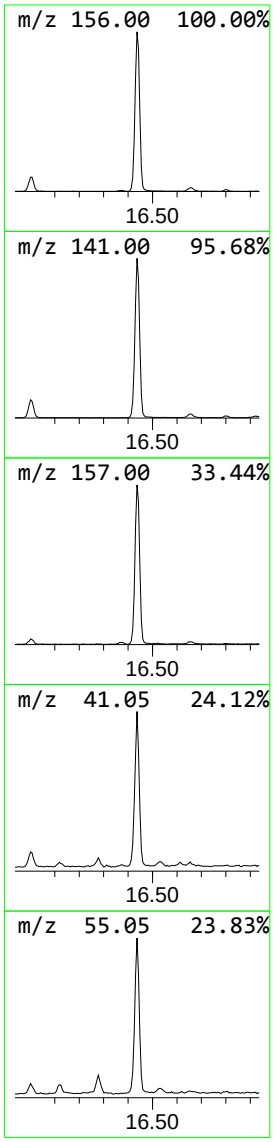
****

Peak Number 5 Amobarbital Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.437	15.45 ng	2782100	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amobarbital	226	C11H18N2O3	000057-43-2	94
2	Pentobarbital	226	C11H18N2O3	000076-74-4	86
3	Butethal	212	C10H16N2O3	000077-28-1	80
4	Butabarbital	212	C10H16N2O3	000125-40-6	72
5	3,4-Dihydro-4,4,6-trimethyl-2-py...	156	C7H12N2S	005392-23-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

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

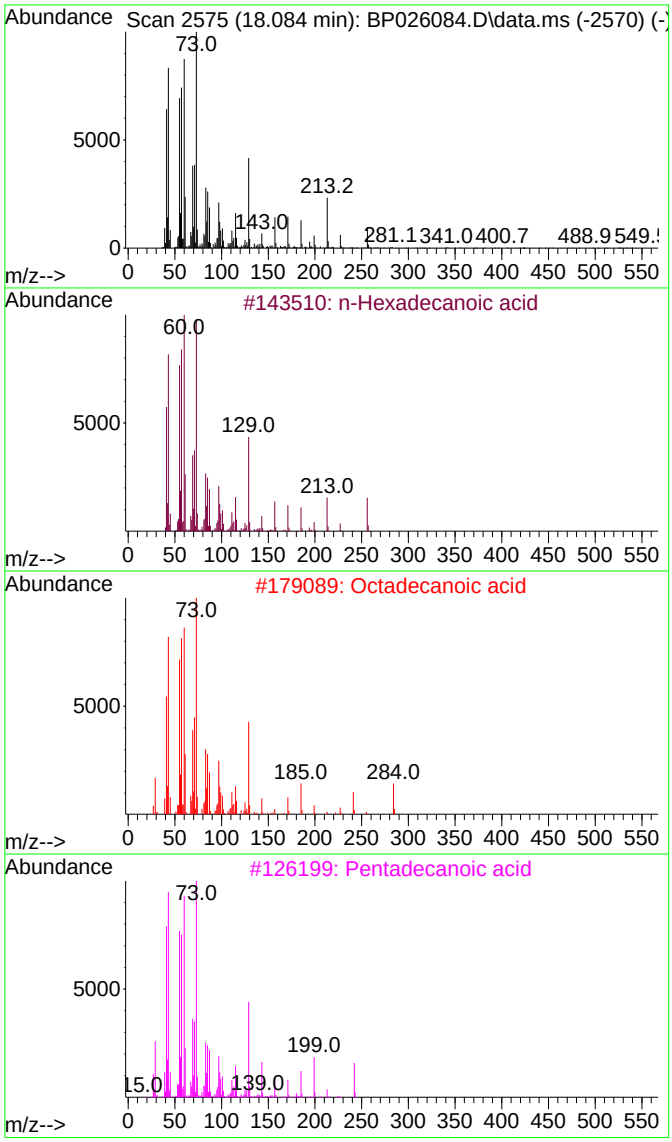
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

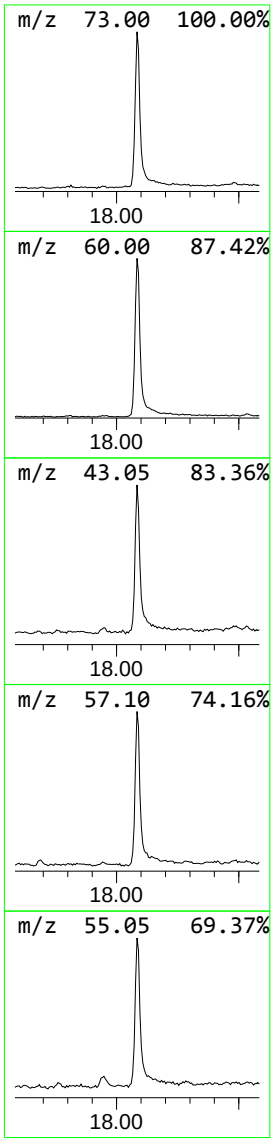
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.084	7.18 ng	1291910	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	92
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

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

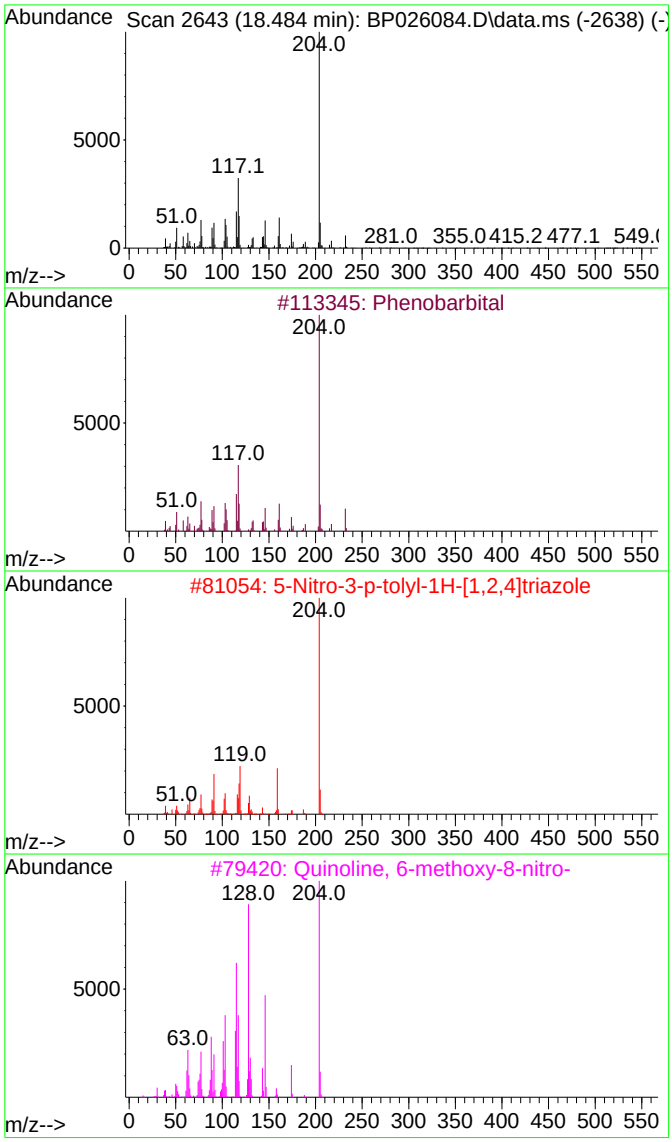
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

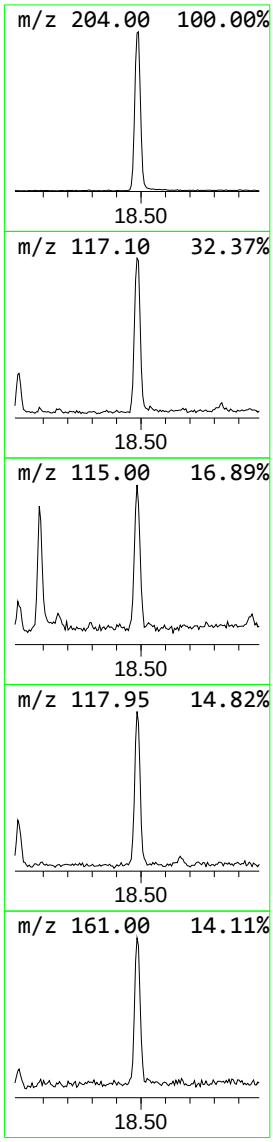
****

Peak Number 7 Phenobarbital Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.483	3.04 ng	546453	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenobarbital	232	C12H12N2O3	000050-06-6	95
2	5-Nitro-3-p-tolyl-1H-[1,2,4]tria...	204	C9H8N4O2	1010296-48-9	53
3	Quinoline, 6-methoxy-8-nitro-	204	C10H8N2O3	000085-81-4	50
4	Quinoline, 6-methoxy-5-nitro-	204	C10H8N2O3	006623-91-2	49
5	4-tert-Butyl-N-[2-(2-fluoro-phen...	315	C19H22FNO2	329919-98-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

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
Hexanoic acid, ...	9.008	37.7	ng	3532420	1	7.678	1873660	20.0
Phenol, 2-(1,1,...	15.342	3.4	ng	539576	3	14.319	3156600	20.0
Tributyl phosphate	15.572	3.1	ng	488882	3	14.319	3156600	20.0
Benzophenone	15.701	7.3	ng	1147720	3	14.319	3156600	20.0
Amobarbital	16.437	15.4	ng	2782100	4	17.125	3600900	20.0
n-Hexadecanoic ...	18.084	7.2	ng	1291910	4	17.125	3600900	20.0
Phenobarbital	18.483	3.0	ng	546453	4	17.125	3600900	20.0

Sample Results: **BG064706.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064706.D
Acq On : 6 Nov 2025 17:09
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Quant Time: Nov 07 00:31:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

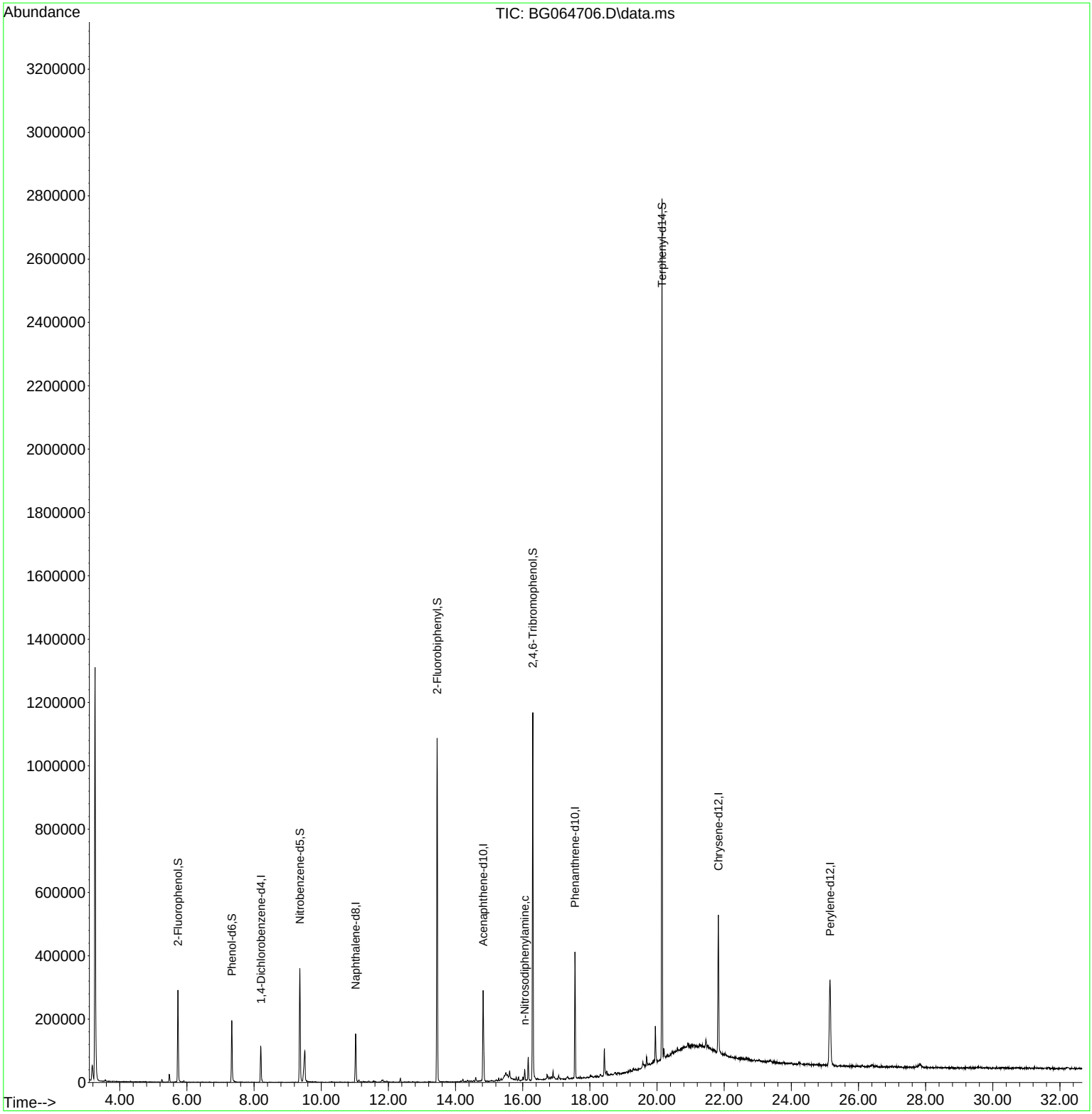
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.204	152	33315	20.000	ng	-0.02
21) Naphthalene-d8	11.024	136	133129	20.000	ng	#-0.02
39) Acenaphthene-d10	14.820	164	109224	20.000	ng	-0.02
64) Phenanthrene-d10	17.558	188	255947	20.000	ng	#-0.02
76) Chrysene-d12	21.829	240	309555	20.000	ng	#-0.03
86) Perylene-d12	25.155	264	340594	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.730	112	121020	60.973	ng	-0.02
7) Phenol-d6	7.334	99	113146	41.543	ng	-0.02
23) Nitrobenzene-d5	9.361	82	213261	96.215	ng	-0.02
42) 2,4,6-Tribromophenol	16.300	330	267052	169.403	ng	-0.02
45) 2-Fluorobiphenyl	13.451	172	591707	82.114	ng	-0.02
79) Terphenyl-d14	20.149	244	1395468	85.073	ng	-0.02
Target Compounds						Qvalue
66) n-Nitrosodiphenylamine	16.060	169	15042	2.176	ng	97

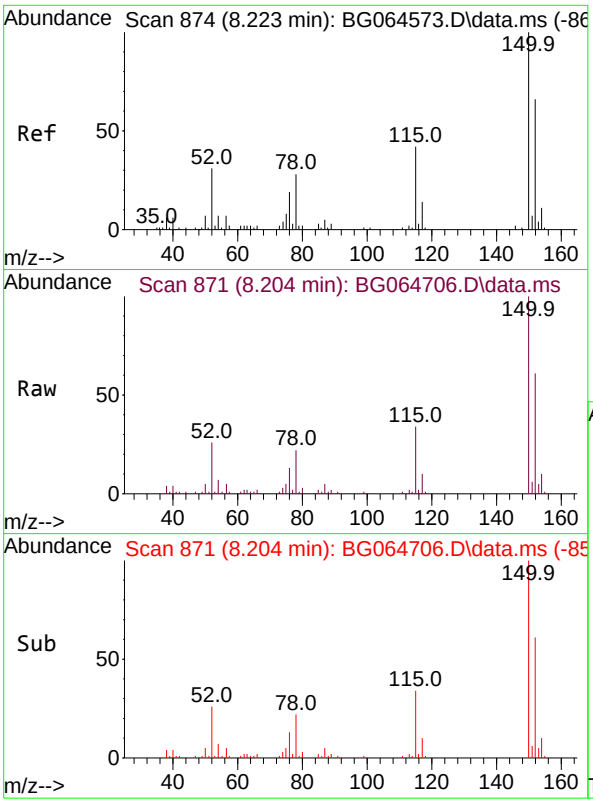
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064706.D
Acq On : 6 Nov 2025 17:09
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Quant Time: Nov 07 00:31:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



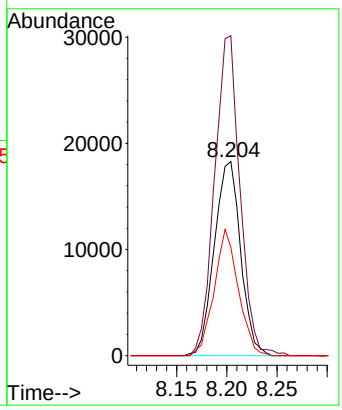


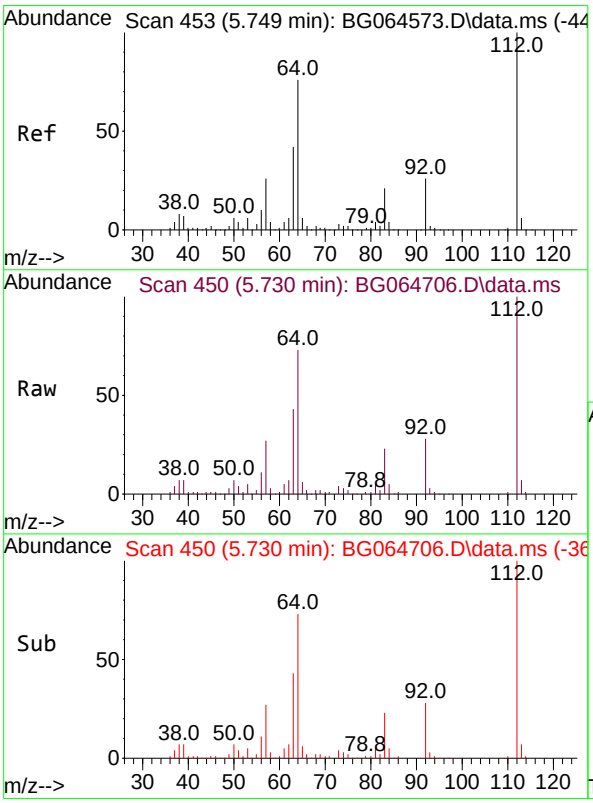
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.204 min Scan# 8
Delta R.T. -0.019 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Tgt Ion:152 Resp: 33315

Ion	Ratio	Lower	Upper
152	100		
150	164.8	122.2	183.4
115	55.7	50.8	76.2

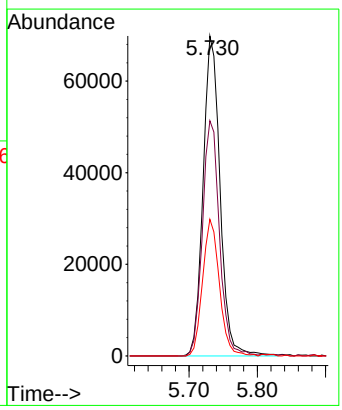


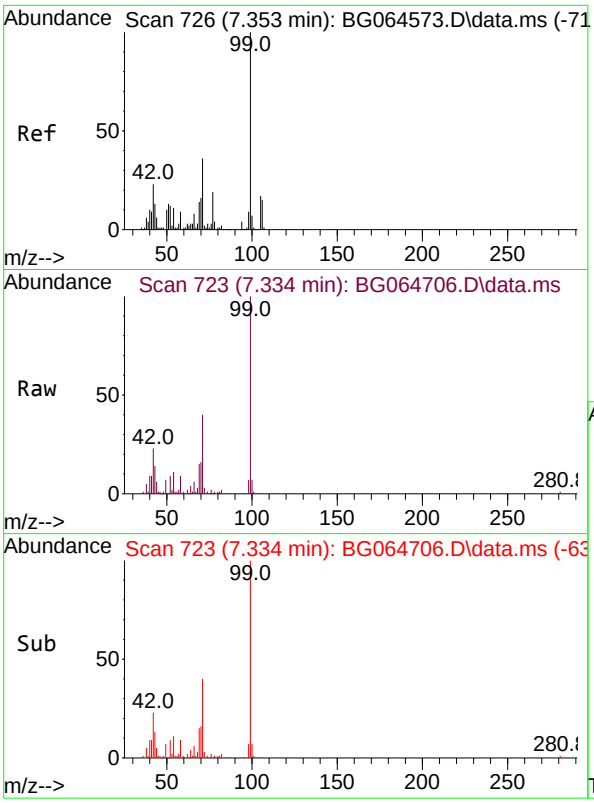


#5
2-Fluorophenol
Concen: 60.973 ng
RT: 5.730 min Scan# 450
Delta R.T. -0.019 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Tgt Ion:112 Resp: 121020

Ion	Ratio	Lower	Upper
112	100		
64	73.5	60.7	91.1
63	42.7	33.4	50.0



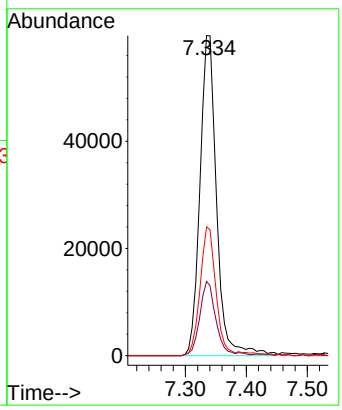


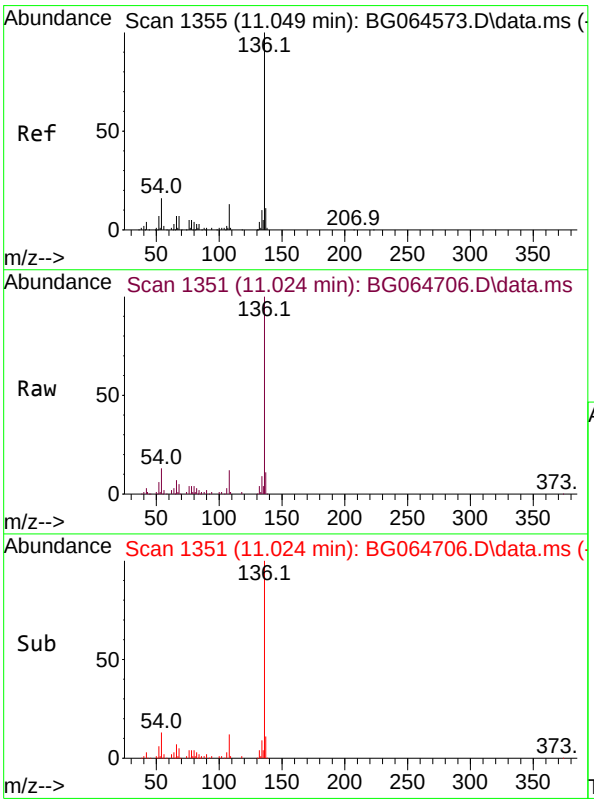
#7
Phenol-d6
Concen: 41.543 ng
RT: 7.334 min Scan# 7
Delta R.T. -0.019 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Tgt Ion: 99 Resp: 113146

Ion	Ratio	Lower	Upper
99	100		
42	23.2	18.3	27.5
71	40.2	28.6	43.0

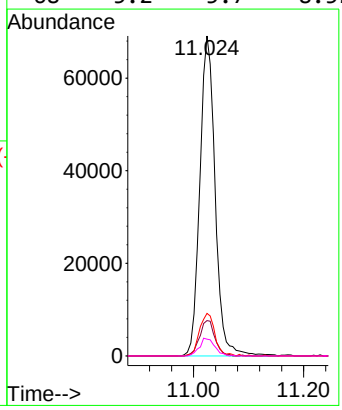


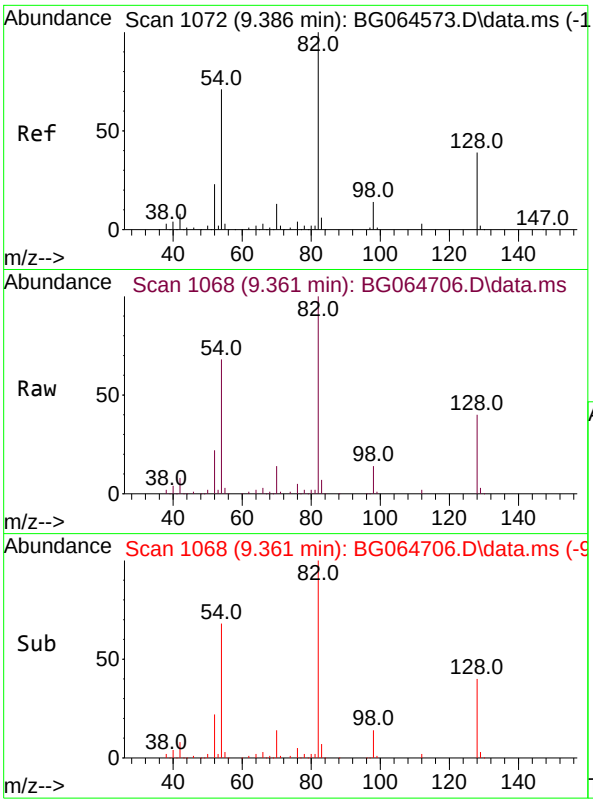


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.024 min Scan# 1351
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Tgt Ion:136 Resp: 133129

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	13.3	12.6	19.0
68	5.2	5.7	8.5#



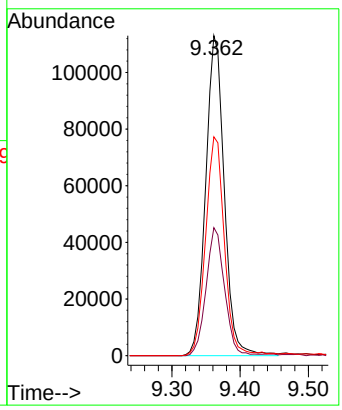


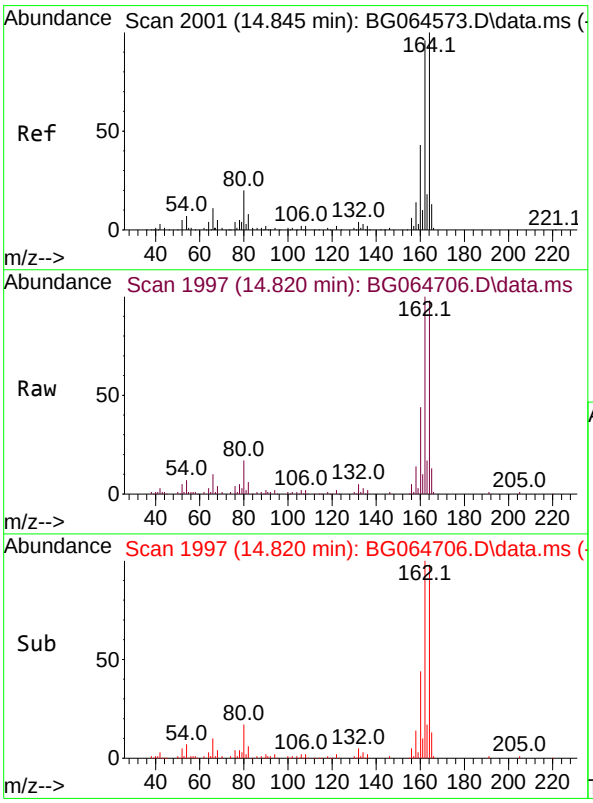
#23
Nitrobenzene-d5
Concen: 96.215 ng
RT: 9.361 min Scan# 1
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Tgt Ion: 82 Resp: 213261

Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.3	46.9
54	68.4	56.6	84.8

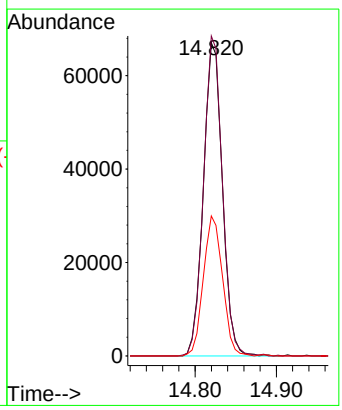


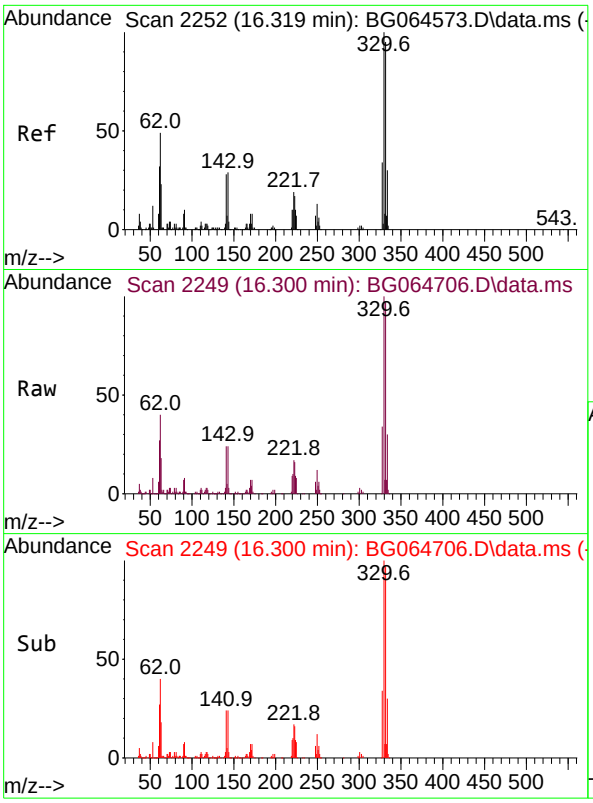


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.820 min Scan# 1997
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Tgt Ion:164 Resp: 109224

Ion	Ratio	Lower	Upper
164	100		
162	102.2	77.0	115.6
160	44.7	34.4	51.6



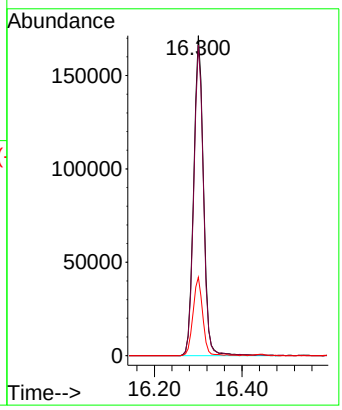


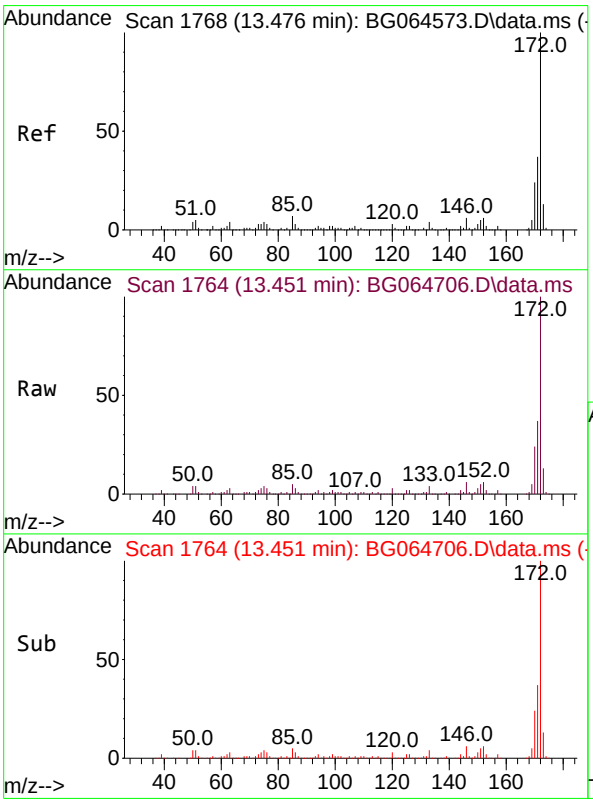
#42
2,4,6-Tribromophenol
Concen: 169.403 ng
RT: 16.300 min Scan# 2
Delta R.T. -0.019 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Tgt Ion:330 Resp: 267052

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.0	117.0
141	24.0	21.8	32.6

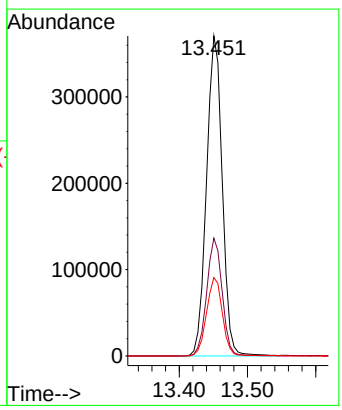


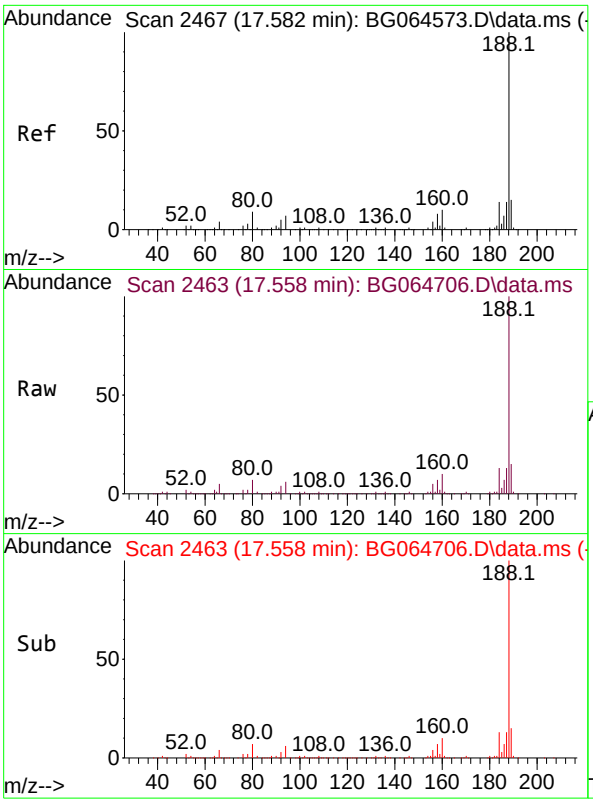


#45
2-Fluorobiphenyl
Concen: 82.114 ng
RT: 13.451 min Scan# 1764
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Tgt Ion:172 Resp: 591707

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.5	19.1	28.7



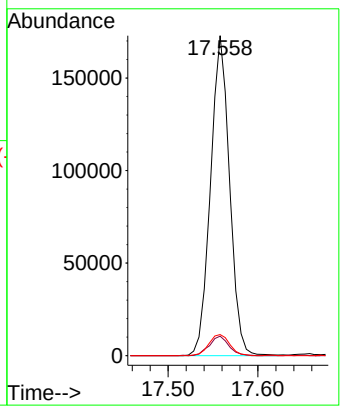


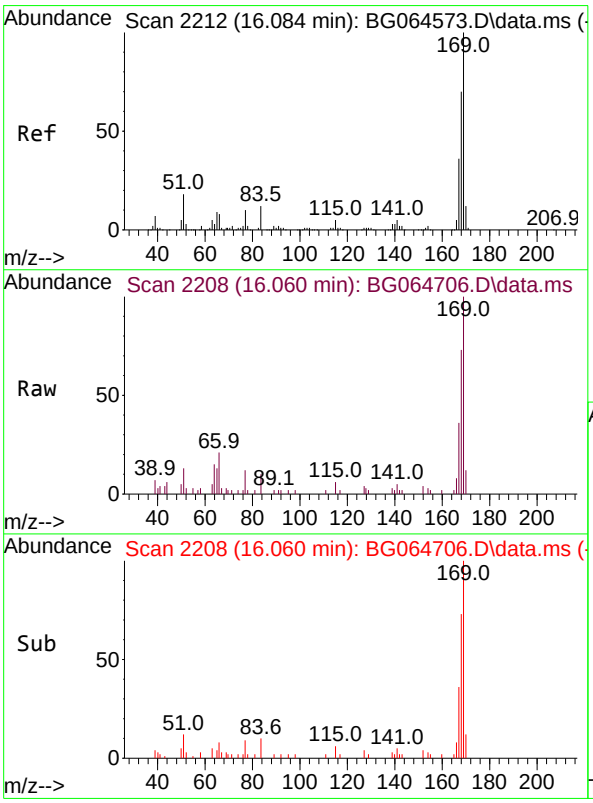
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.558 min Scan# 24
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Tgt Ion:188 Resp: 255947

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.7	8.5
80	6.6	6.8	10.2#

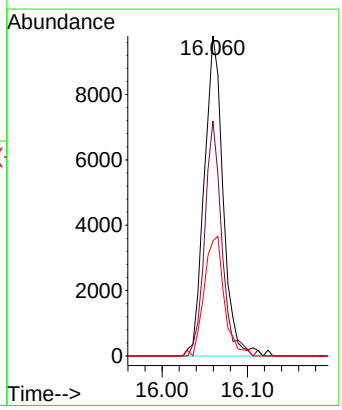


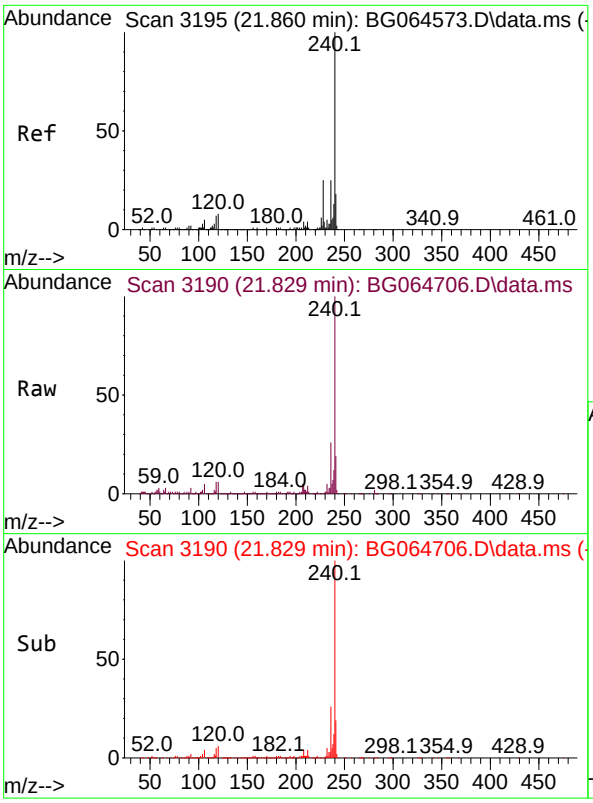


#66
n-Nitrosodiphenylamine
Concen: 2.176 ng
RT: 16.060 min Scan# 2208
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Tgt Ion:169 Resp: 15042

Ion	Ratio	Lower	Upper
169	100		
168	73.4	56.3	84.5
167	35.9	29.0	43.6



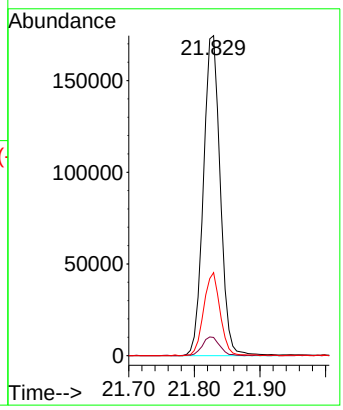


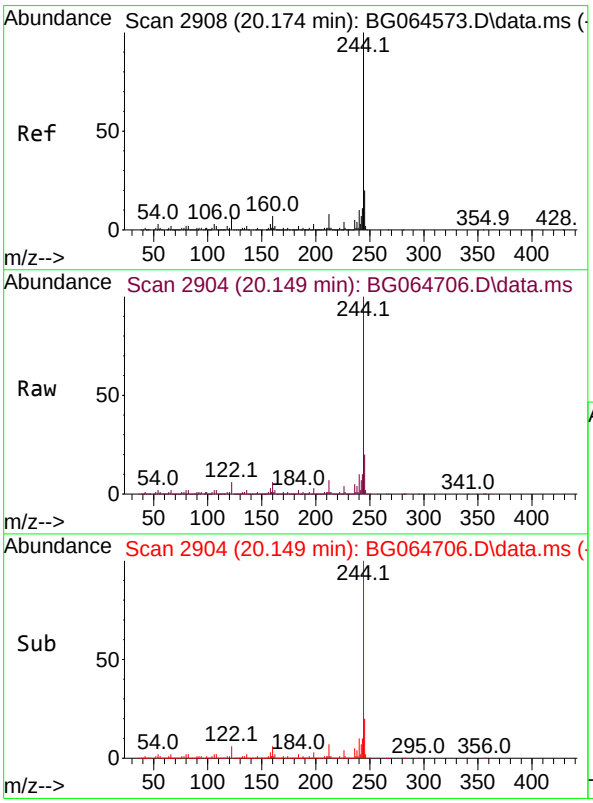
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.829 min Scan# 31
Delta R.T. -0.031 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Tgt Ion:240 Resp: 309555

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.5	9.7#
236	25.9	20.2	30.2

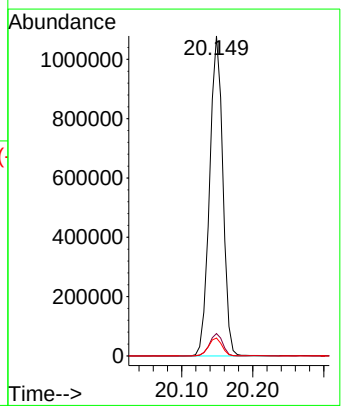


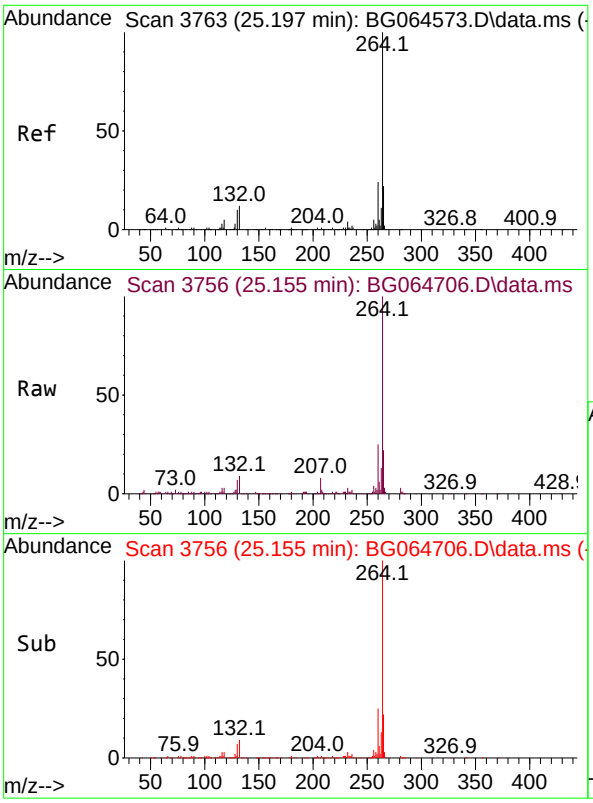


#79
Terphenyl-d14
Concen: 85.073 ng
RT: 20.149 min Scan# 2904
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Tgt Ion:244 Resp: 1395468

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	5.6	5.6	8.4#



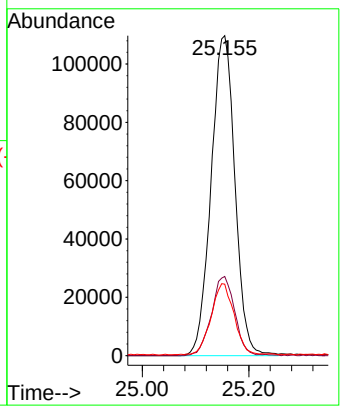


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.155 min Scan# 3
Delta R.T. -0.042 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Tgt Ion:264 Resp: 340594

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.4
265	22.3	17.6	26.4



Sample Results: **BG064706.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064706.D
Acq On : 6 Nov 2025 17:09
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-EB-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_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064706.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.175	9	15	24	rBV2	45897	119823	3.43%	0.786%
2	3.263	24	30	54	rVB	1306321	2382427	68.17%	15.629%
3	5.472	401	406	414	rVB	24903	41740	1.19%	0.274%
4	5.730	442	450	462	rBV	290804	497362	14.23%	3.263%
5	7.334	716	723	735	rBV	194681	360401	10.31%	2.364%
6	8.198	864	870	884	rBV	114633	211622	6.06%	1.388%
7	9.362	1060	1068	1079	rBV	359976	679349	19.44%	4.457%
8	9.508	1081	1093	1105	rVB2	97076	267394	7.65%	1.754%
9	11.024	1343	1351	1363	rBV	153259	293242	8.39%	1.924%
10	13.451	1755	1764	1780	rBV	1086370	1731669	49.55%	11.360%
11	14.820	1991	1997	2009	rVB2	286784	545148	15.60%	3.576%
12	15.460	2094	2106	2107	rBV3	14238	36122	1.03%	0.237%
13	15.613	2127	2132	2137	rVB3	22483	37703	1.08%	0.247%
14	16.060	2203	2208	2215	rVB2	35919	54472	1.56%	0.357%
15	16.165	2221	2226	2234	rVB	73275	111651	3.19%	0.732%
16	16.300	2242	2249	2265	rBV	1160727	1808221	51.74%	11.862%
17	17.558	2457	2463	2471	rBV	399775	603291	17.26%	3.958%
18	18.433	2607	2612	2620	rBV2	84694	134267	3.84%	0.881%
19	19.691	2823	2826	2831	rBV5	28342	40363	1.15%	0.265%
20	19.949	2866	2870	2878	rVB	110230	164118	4.70%	1.077%
21	20.149	2898	2904	2910	rBV	2716773	3494897	100.00%	22.928%
22	20.202	2911	2913	2921	rVB2	28405	42714	1.22%	0.280%
23	21.829	3183	3190	3202	rVB2	436507	785254	22.47%	5.152%
24	25.155	3747	3756	3768	rVB	265596	799944	22.89%	5.248%

Sum of corrected areas: 15243194

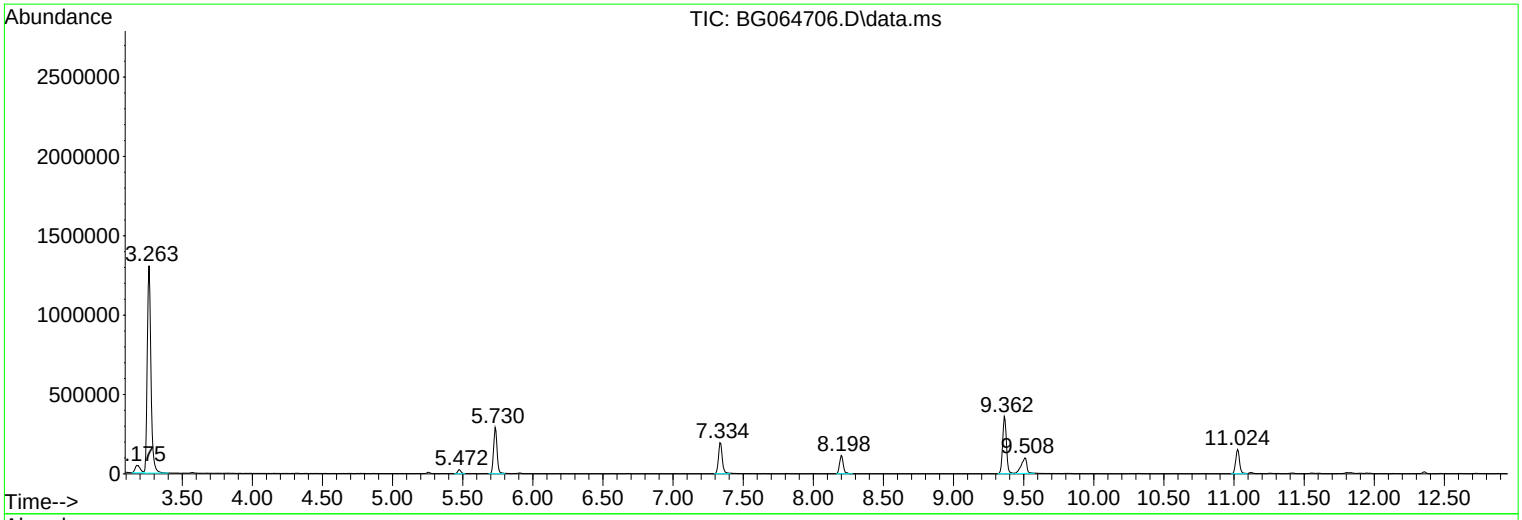
Sample Results: **BG064706.D**

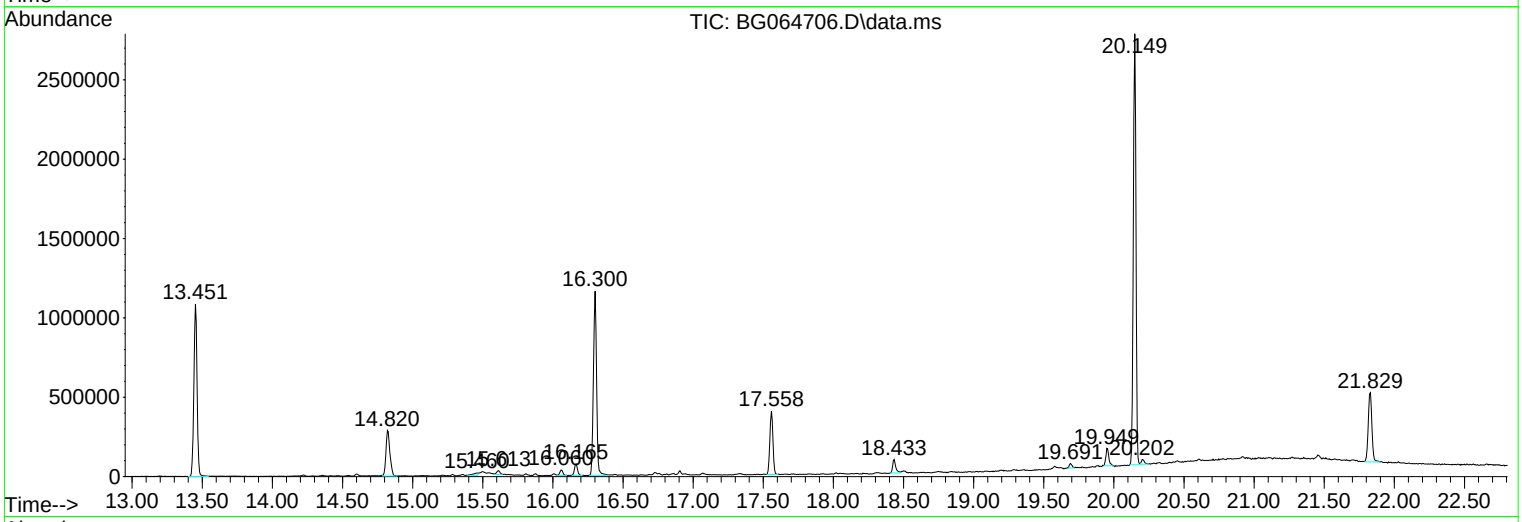
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064706.D
Acq On : 6 Nov 2025 17:09
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

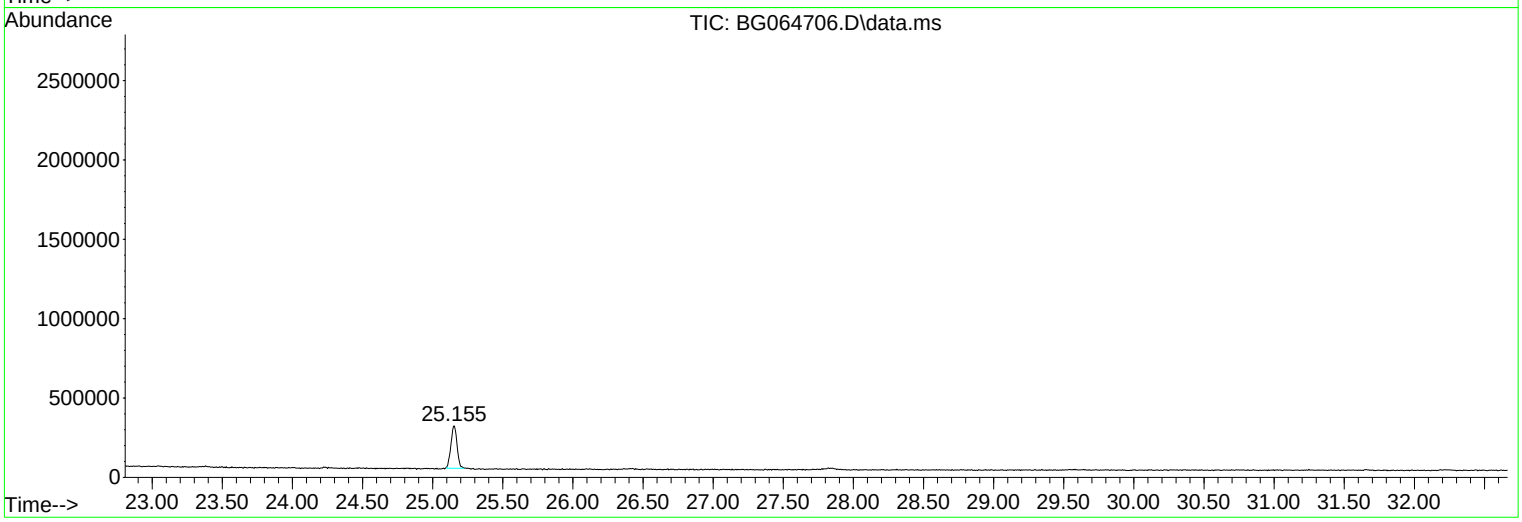
Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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_G\Data\BG110625\
Data File : BG064706.D
Acq On : 6 Nov 2025 17:09
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

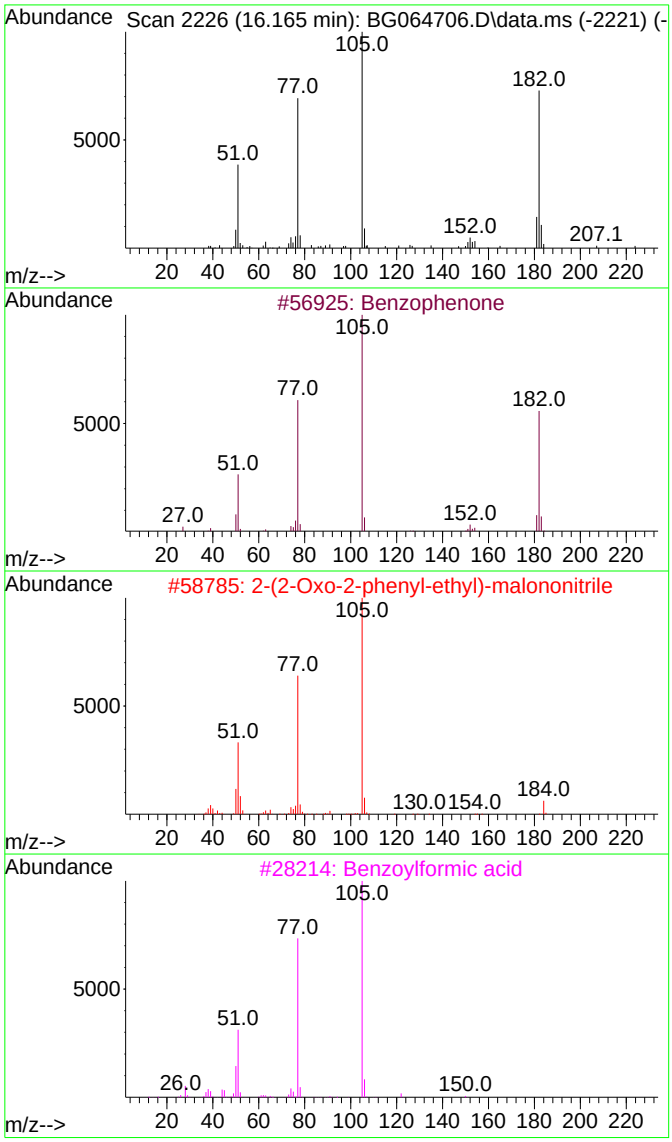
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

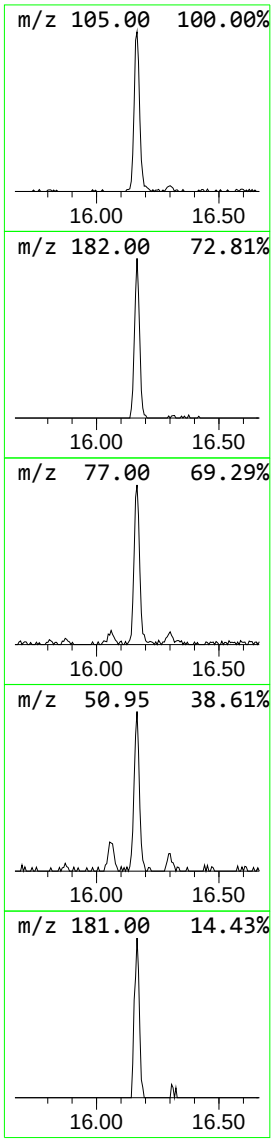
****

Peak Number 5 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.165	4.10 ng	111651	Acenaphthene-d10	14.820

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	49
3	Benzoylformic acid	150	C8H6O3	000611-73-4	49
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	47
5	Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064706.D
Acq On : 6 Nov 2025 17:09
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

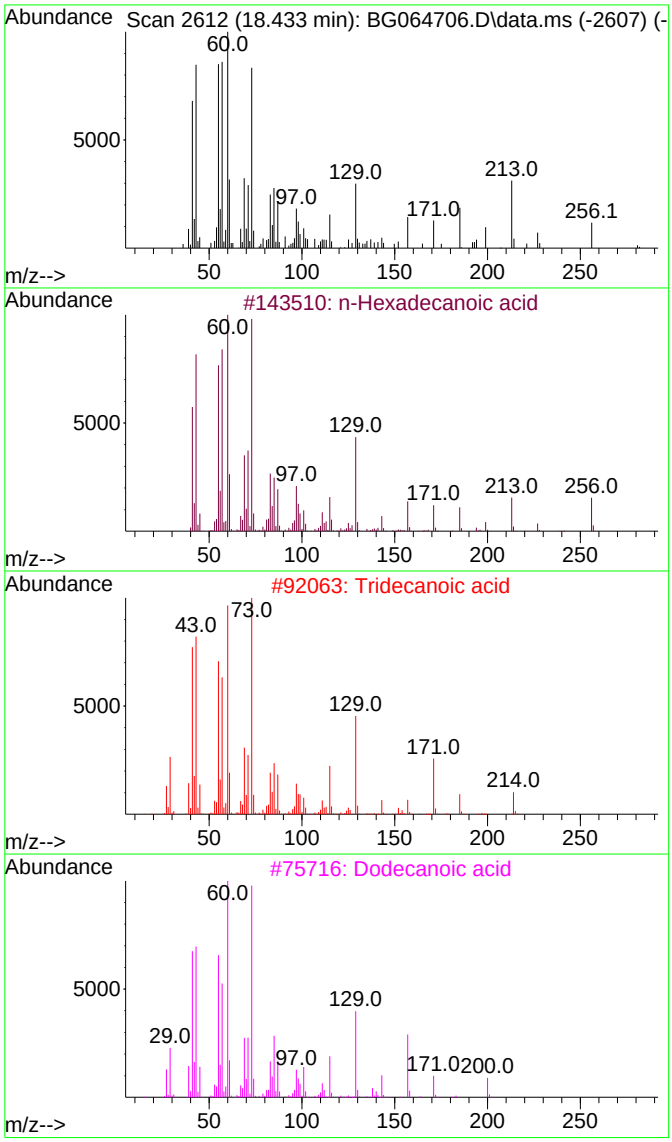
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

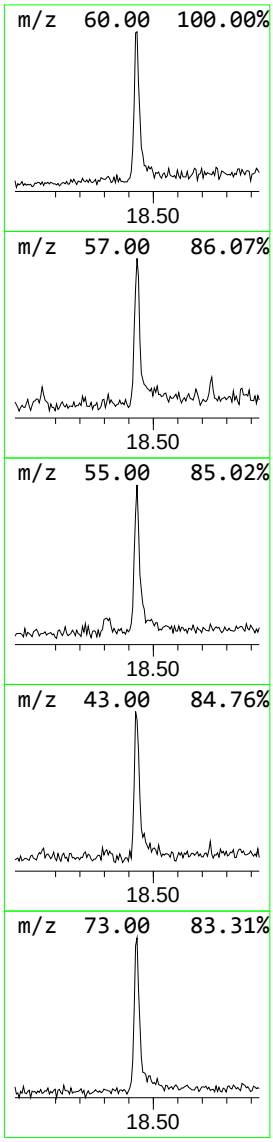
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	4.45 ng	134267	Phenanthrene-d10	17.558

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Dodecanoic acid	200	C12H24O2	000143-07-7	53
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064706.D
Acq On : 6 Nov 2025 17:09
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

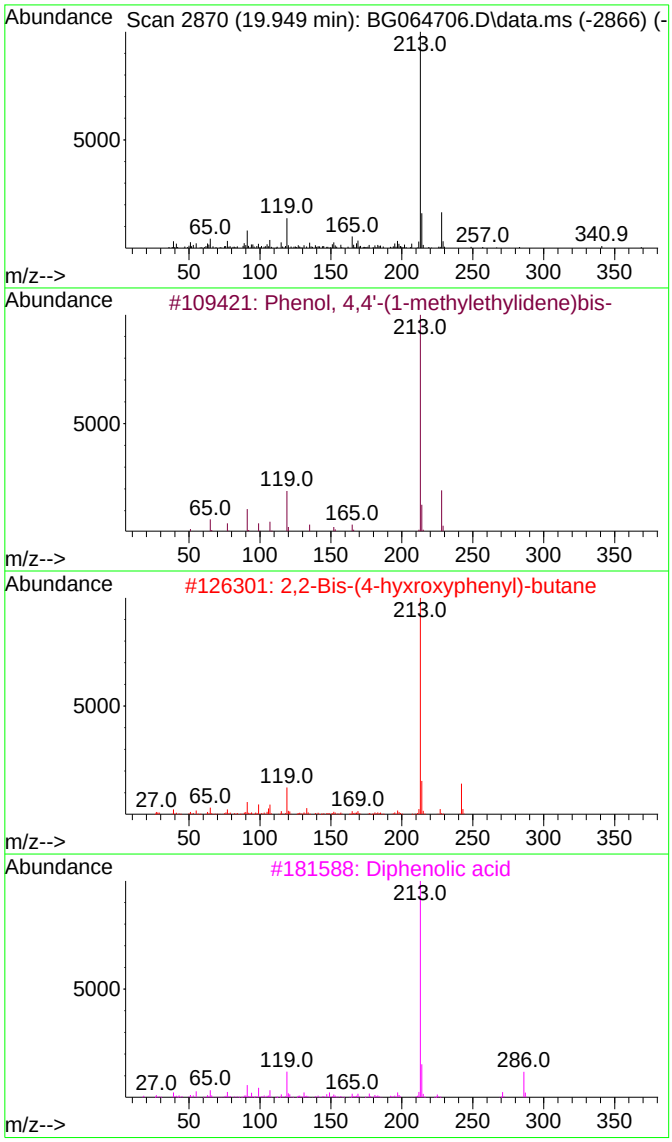
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

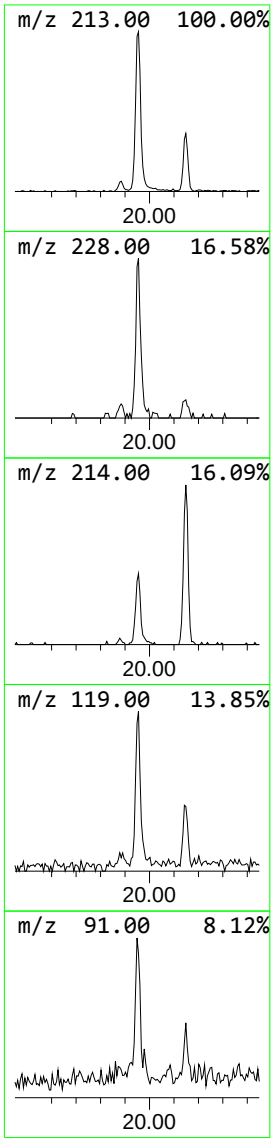
****

Peak Number 7 Phenol, 4,4'-(1-methylethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.949	4.18 ng	164118	Chrysene-d12	21.829

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	93
2	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	72
3	Diphenolic acid	286	C17H18O4	000126-00-1	72
4	1-Bromo-4-(trimethylsilyl)benzene	228	C9H13BrSi	006999-03-7	64
5	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064706.D
Acq On : 6 Nov 2025 17:09
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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	16.165	4.1	ng	111651	3	14.820	545148	20.0
n-Hexadecanoic ...	18.433	4.5	ng	134267	4	17.558	603291	20.0
Phenol, 4,4'-(1...	19.949	4.2	ng	164118	5	21.829	785254	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

Quant Time: Nov 07 01:00:34 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

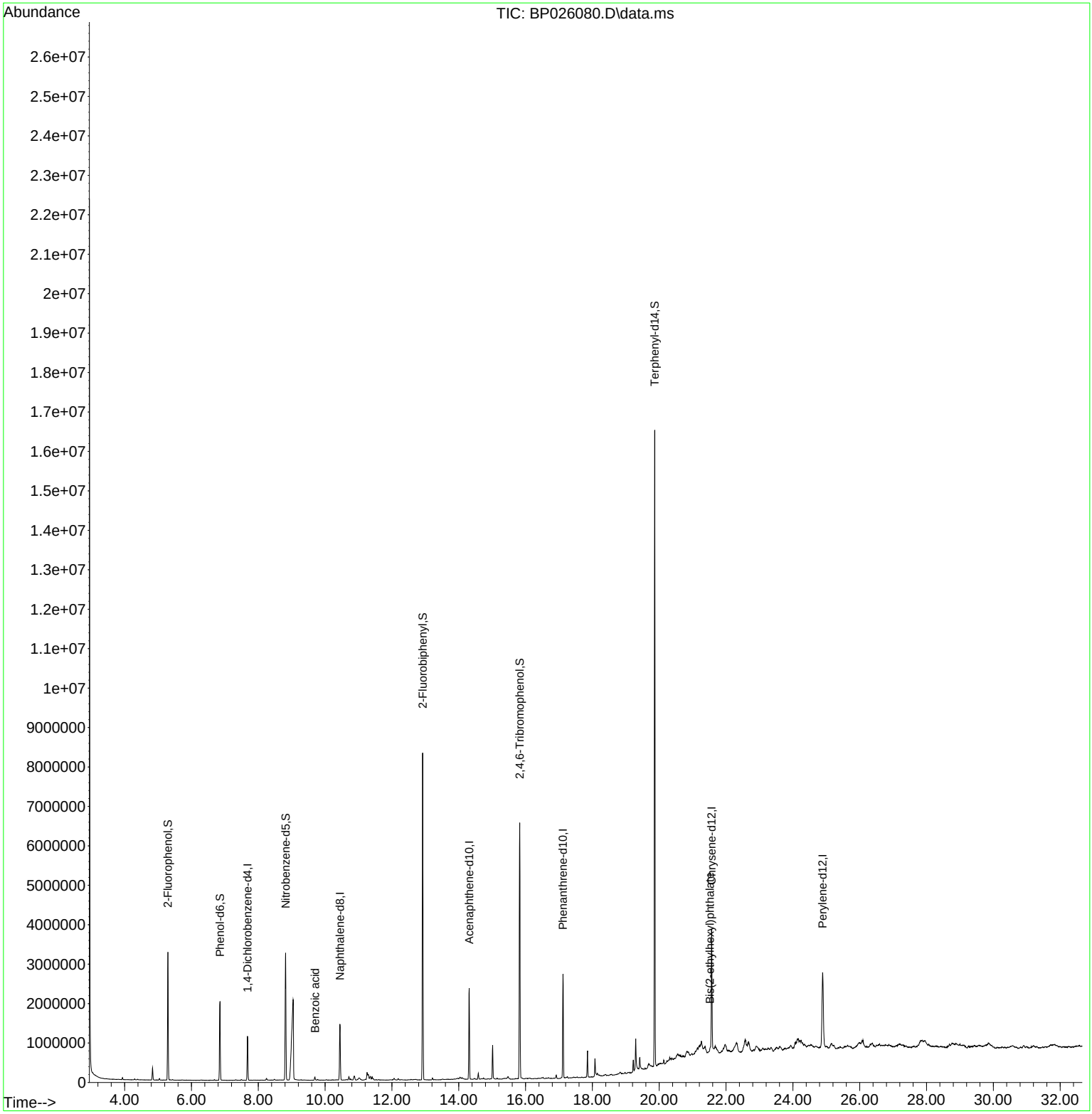
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	311794	20.000	ng		-0.01
21) Naphthalene-d8	10.443	136	1217060	20.000	ng		-0.01
39) Acenaphthene-d10	14.313	164	769070	20.000	ng		0.00
64) Phenanthrene-d10	17.119	188	1563789	20.000	ng		0.00
76) Chrysene-d12	21.566	240	1705423	20.000	ng		0.00
86) Perylene-d12	24.889	264	2009785	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1377067	72.878	ng		0.00
7) Phenol-d6	6.855	99	1149647	47.802	ng		0.00
23) Nitrobenzene-d5	8.819	82	1765997	90.457	ng		0.00
42) 2,4,6-Tribromophenol	15.825	330	1346021	161.890	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	4173637	77.980	ng		-0.01
79) Terphenyl-d14	19.866	244	7228578	86.115	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.696	122	29767	6.654	ng		98
84) Bis(2-ethylhexyl)phtha...	21.519	149	24169	2.930	ng	#	86

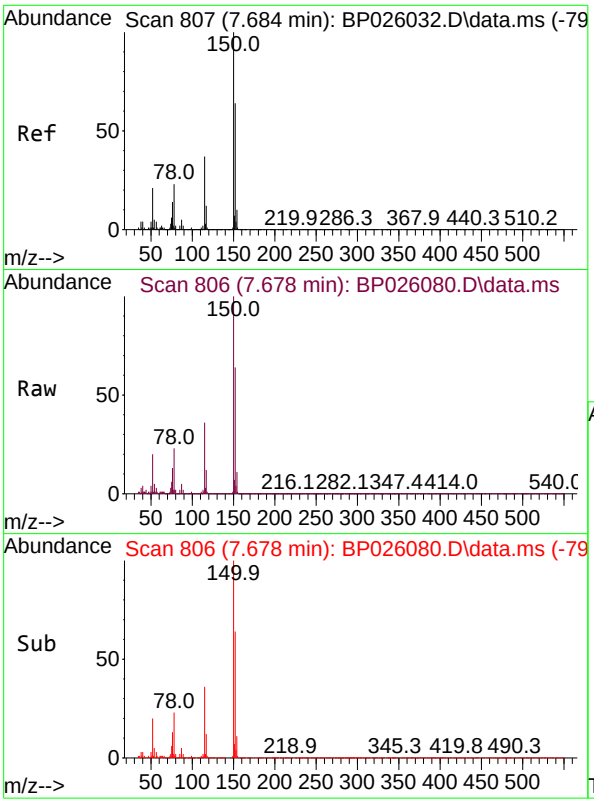
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

Quant Time: Nov 07 01:00:34 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



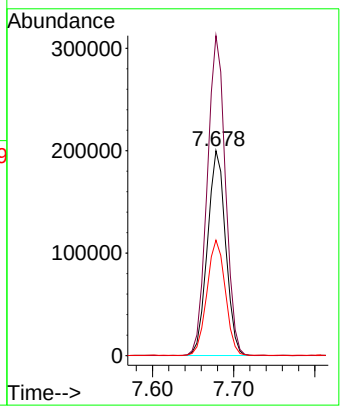


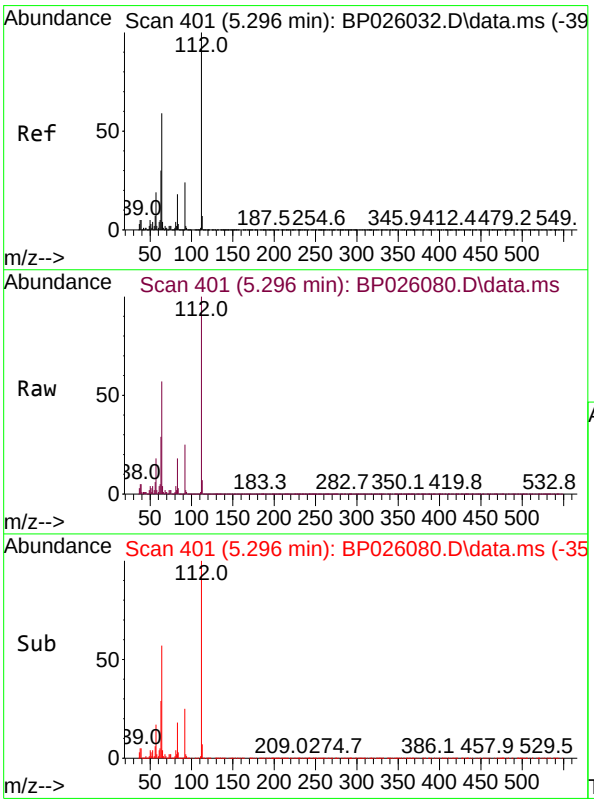
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Instrument :
BNA_P
ClientSampleId :
FB-1

Tgt Ion:152 Resp: 311794

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.7	188.5
115	56.3	46.4	69.6

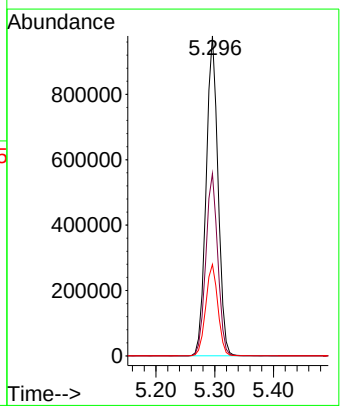


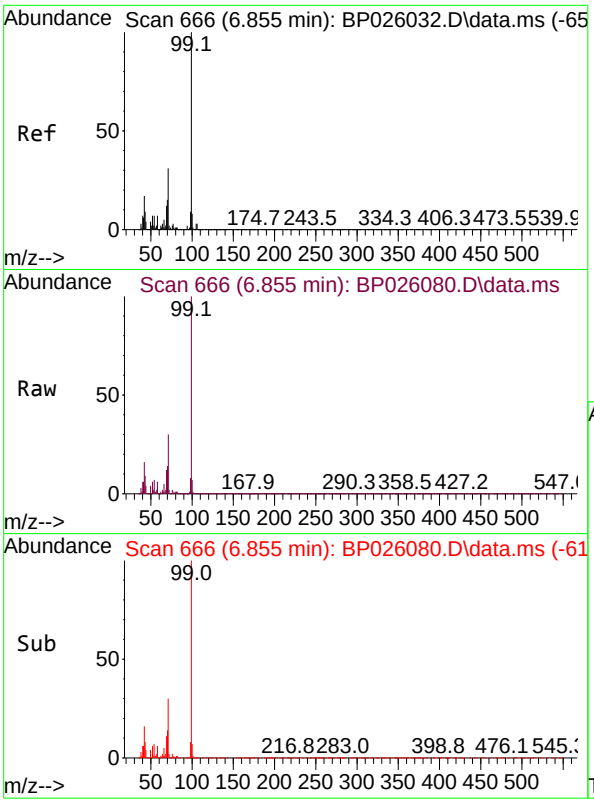


#5
2-Fluorophenol
Concen: 72.878 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:112 Resp: 1377067

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.4	71.2
63	28.6	24.2	36.4



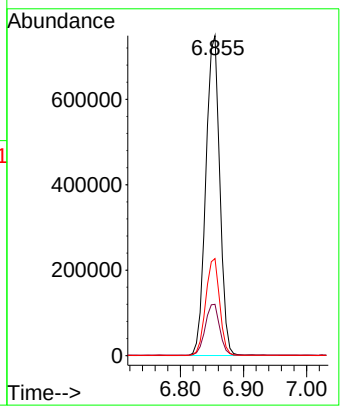


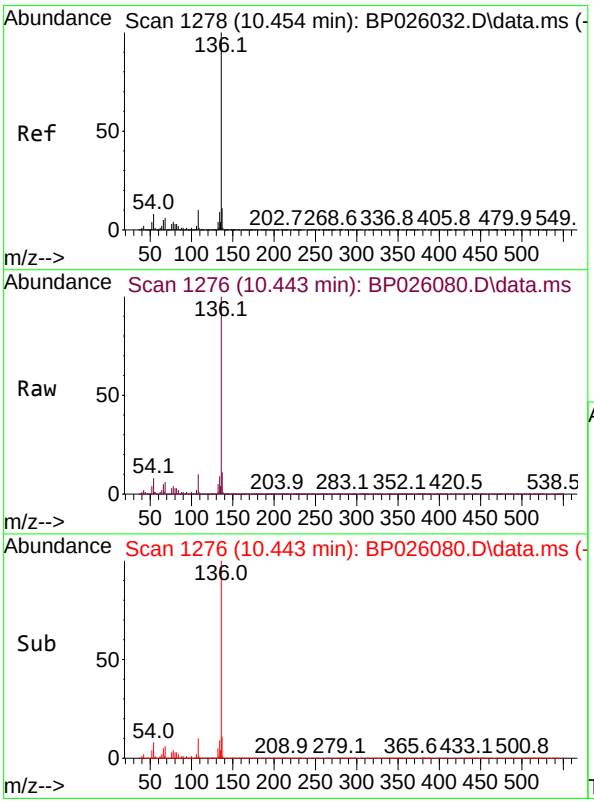
#7
Phenol-d6
Concen: 47.802 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Instrument :
BNA_P
ClientSampleId :
FB-1

Tgt Ion: 99 Resp: 1149647

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.7	20.5
71	30.3	24.4	36.6

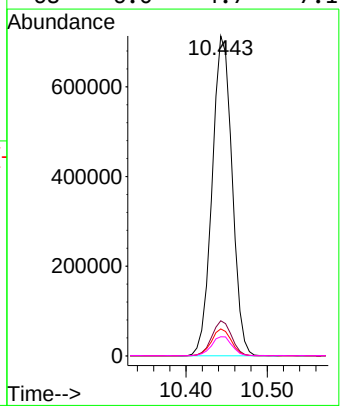


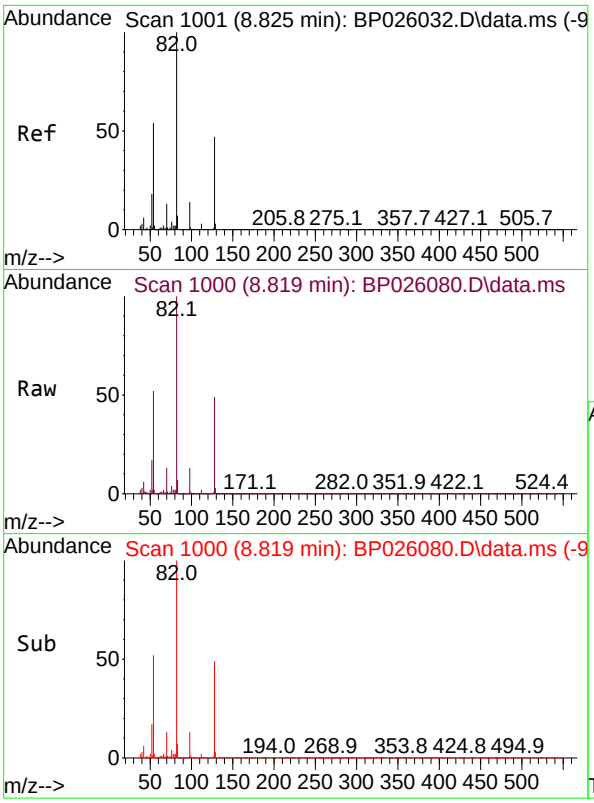


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:136 Resp: 1217060

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.4	6.6	10.0
68	6.0	4.7	7.1



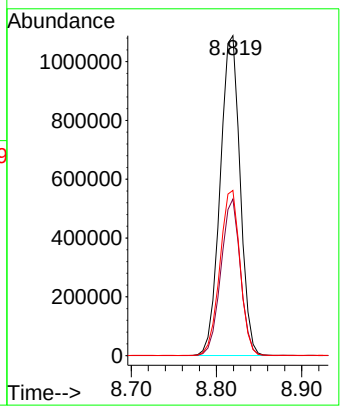


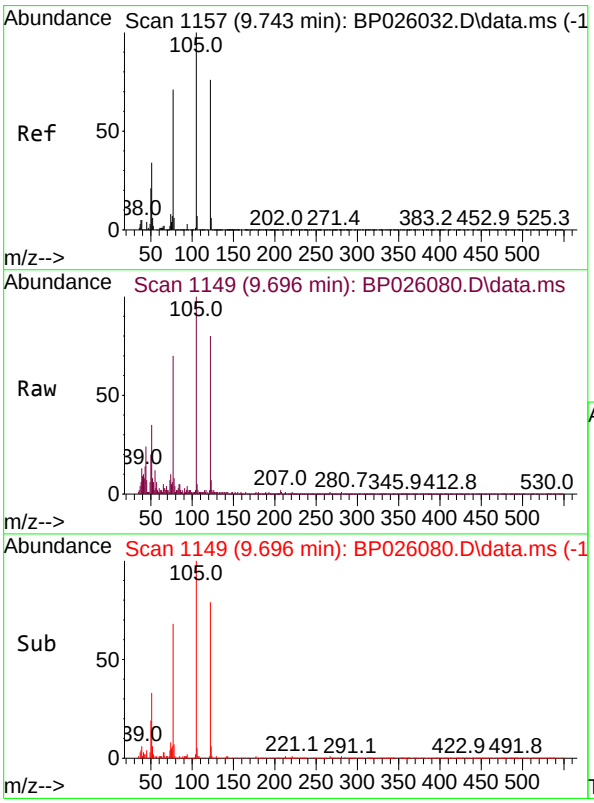
#23
Nitrobenzene-d5
Concen: 90.457 ng
RT: 8.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Instrument :
BNA_P
ClientSampleId :
FB-1

Tgt Ion: 82 Resp: 1765997

Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.4	56.0
54	51.6	42.7	64.1

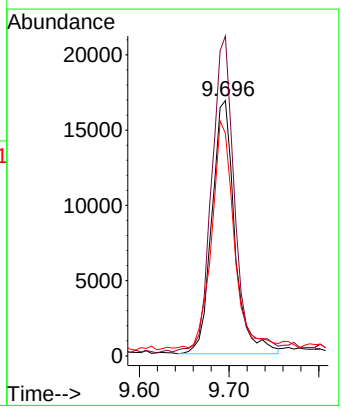


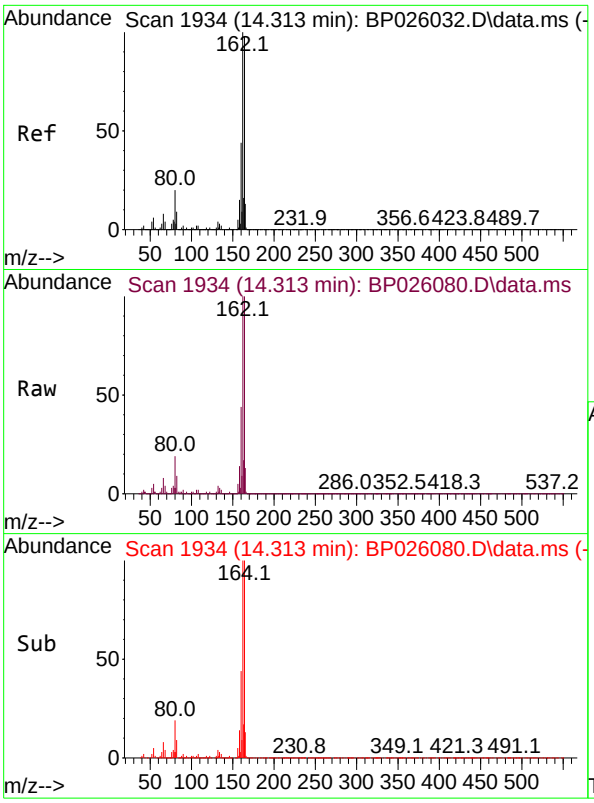


#32
Benzoic acid
Concen: 6.654 ng
RT: 9.696 min Scan# 1149
Delta R.T. -0.082 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:122 Resp: 29767

Ion	Ratio	Lower	Upper
122	100		
105	125.4	104.8	144.8
77	87.2	70.9	110.9



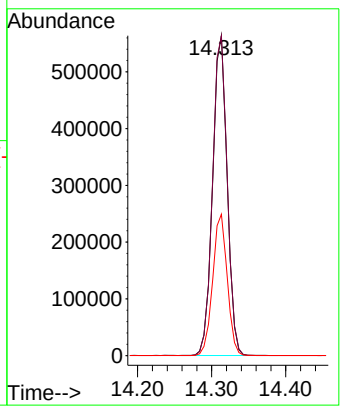


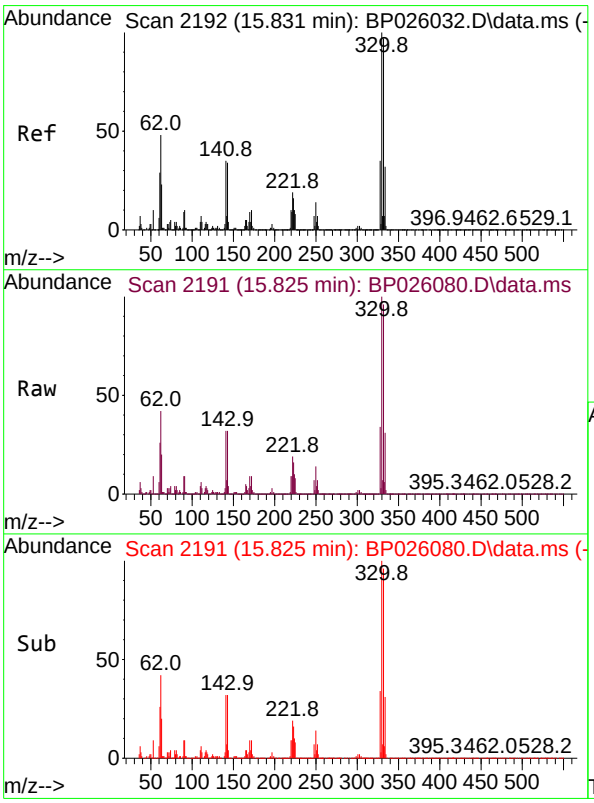
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Instrument :
BNA_P
ClientSampleId :
FB-1

Tgt Ion:164 Resp: 769070

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.5	122.3
160	44.2	36.2	54.4

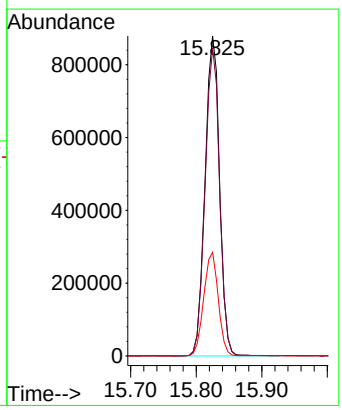


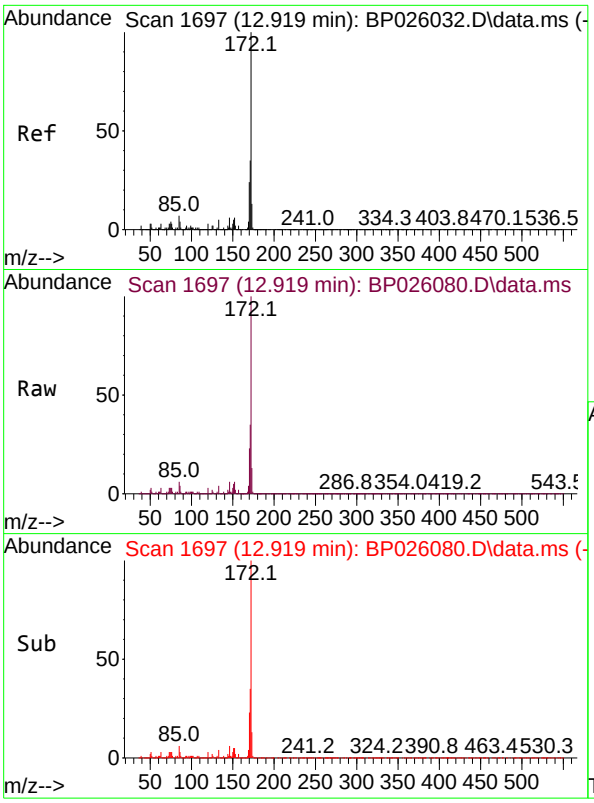


#42
2,4,6-Tribromophenol
Concen: 161.890 ng
RT: 15.825 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:330 Resp: 1346021

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	32.5	28.6	42.8



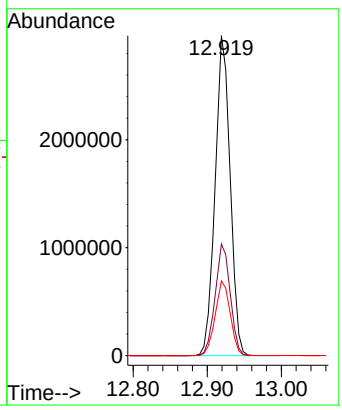


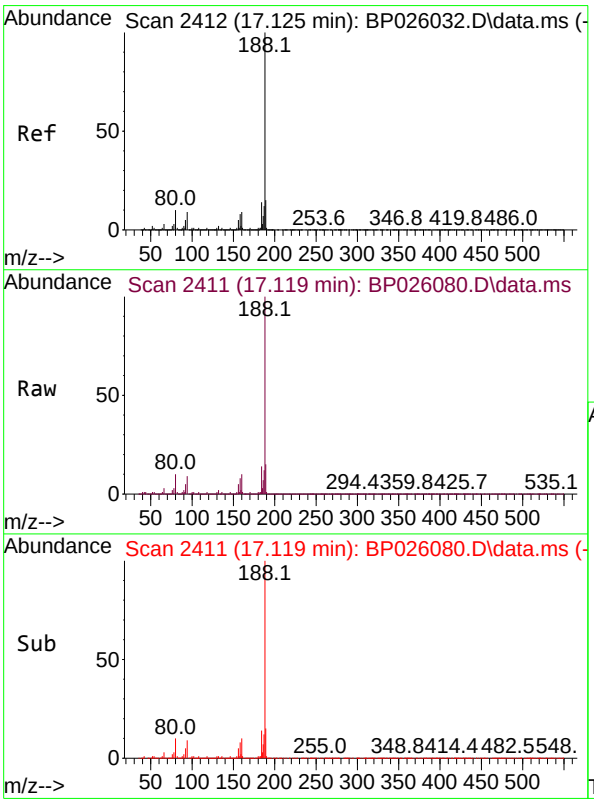
#45
2-Fluorobiphenyl
Concen: 77.980 ng
RT: 12.919 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Instrument :
BNA_P
ClientSampleId :
FB-1

Tgt Ion:172 Resp: 4173637

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.3	19.0	28.4

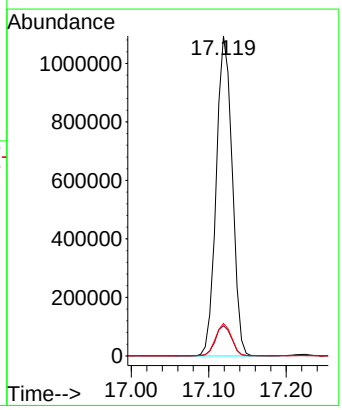


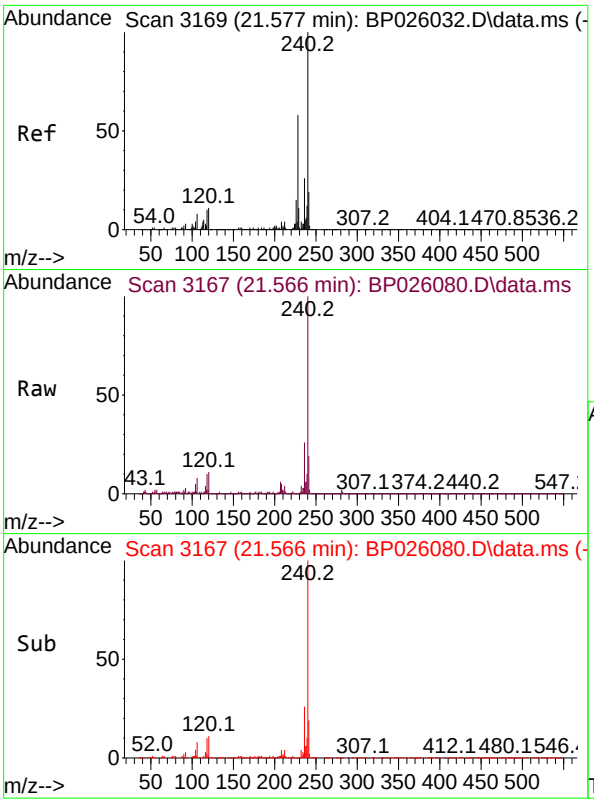


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:188 Resp: 1563789

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	10.2	7.9	11.9



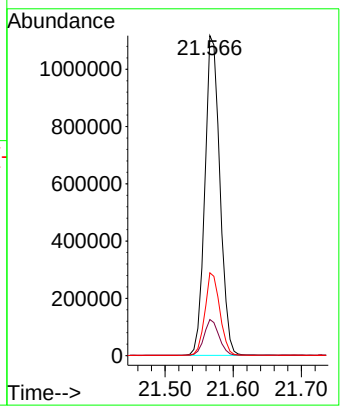


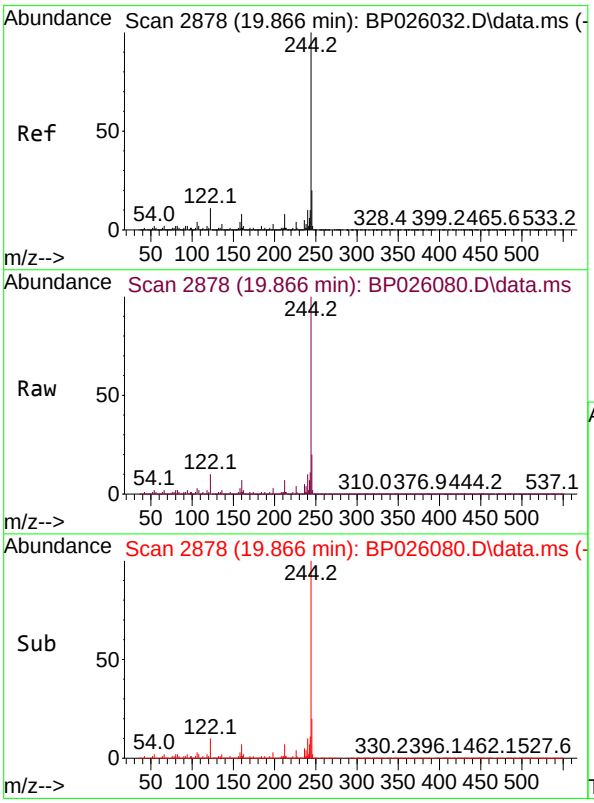
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Instrument :
BNA_P
ClientSampleId :
FB-1

Tgt Ion:240 Resp: 1705423

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	25.9	20.6	31.0

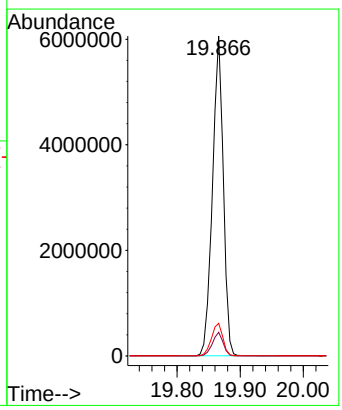


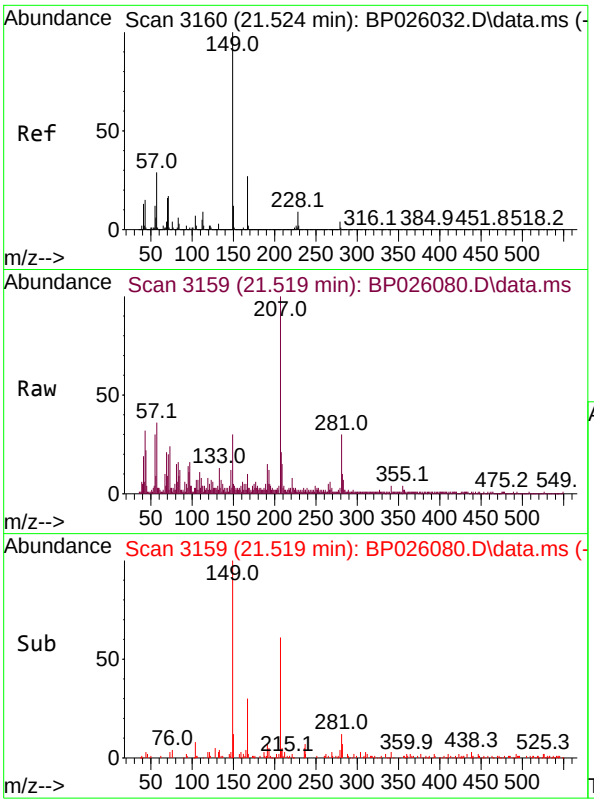


#79
Terphenyl-d14
Concen: 86.115 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:244 Resp: 7228578

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.2	9.0	13.6



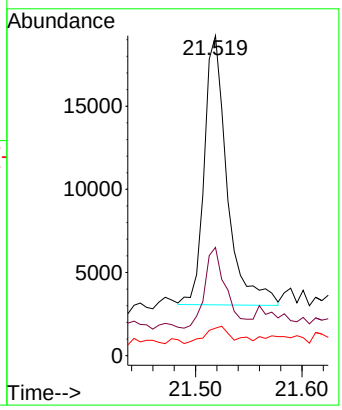


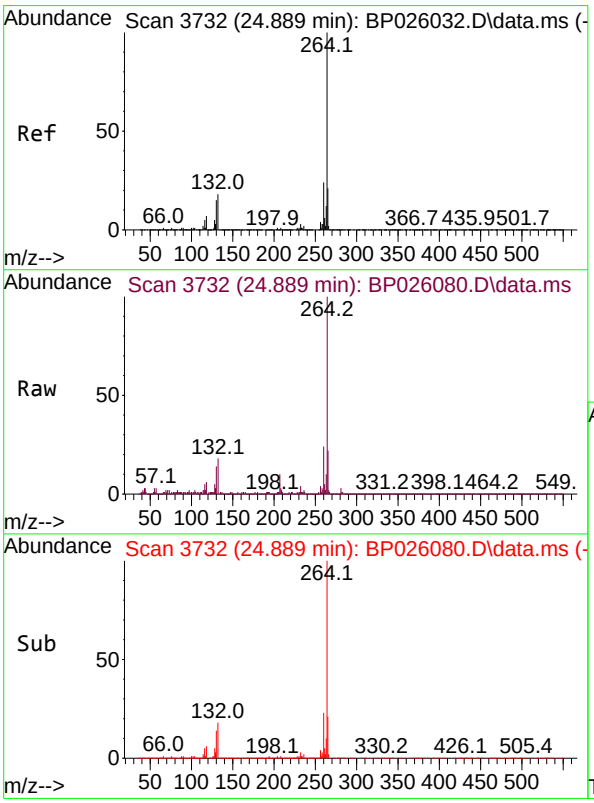
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.930 ng
RT: 21.519 min Scan# 31
Delta R.T. 0.001 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Instrument :
BNA_P
ClientSampleId :
FB-1

Tgt Ion:149 Resp: 24169

Ion	Ratio	Lower	Upper
149	100		
167	33.8	21.5	32.3#
279	8.6	3.0	4.6#

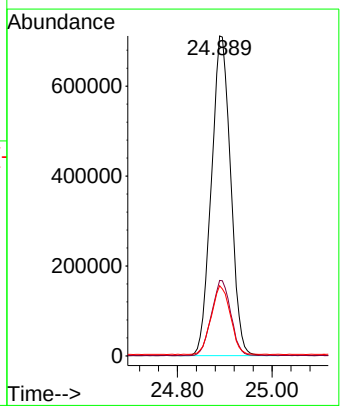




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.889 min Scan# 3732
Delta R.T. 0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:264 Resp: 2009785

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.9	17.2	25.8



Sample Results: **BP026080.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-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: BP026080.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	316	323	329	rBV2	310246	446527	2.30%	0.497%
2	5.296	394	401	410	rBV	3245233	4596128	23.71%	5.119%
3	6.855	658	666	673	rBV	2002448	3106676	16.03%	3.460%
4	7.678	799	806	814	rBV	1118251	1753116	9.04%	1.952%
5	8.819	991	1000	1010	rVB	3222017	5252766	27.10%	5.850%
6	9.043	1017	1038	1056	rBV	2035950	7847720	40.48%	8.740%
7	10.443	1268	1276	1285	rBV	1416994	2414436	12.46%	2.689%
8	10.872	1341	1349	1359	rVB6	100669	247869	1.28%	0.276%
9	11.019	1367	1374	1393	rVB9	53664	228252	1.18%	0.254%
10	11.254	1409	1414	1418	rBV3	184637	359186	1.85%	0.400%
11	12.919	1690	1697	1706	rBV	8292106	11711828	60.42%	13.043%
12	14.313	1927	1934	1942	rVB	2309514	3200455	16.51%	3.564%
13	14.584	1975	1980	1987	rBV	150307	223023	1.15%	0.248%
14	15.013	2047	2053	2069	rVB	858416	1275868	6.58%	1.421%
15	15.825	2184	2191	2200	rBV	6487063	9974613	51.46%	11.108%
16	17.119	2405	2411	2421	rVB2	2627431	3798726	19.60%	4.230%
17	17.854	2530	2536	2541	rBV	667999	839639	4.33%	0.935%
18	18.078	2569	2574	2583	rBV2	454644	738157	3.81%	0.822%
19	19.225	2765	2769	2773	rBV	301417	384984	1.99%	0.429%
20	19.295	2777	2781	2793	rVV	809818	1364282	7.04%	1.519%
21	19.419	2797	2802	2812	rVV	294939	547347	2.82%	0.610%
22	19.866	2872	2878	2889	rBV	16132659	19384266	100.00%	21.587%
23	21.566	3162	3167	3180	rVB	3043972	4780759	24.66%	5.324%
24	24.889	3725	3732	3746	rVB	1886389	5317440	27.43%	5.922%

Sum of corrected areas: 89794063

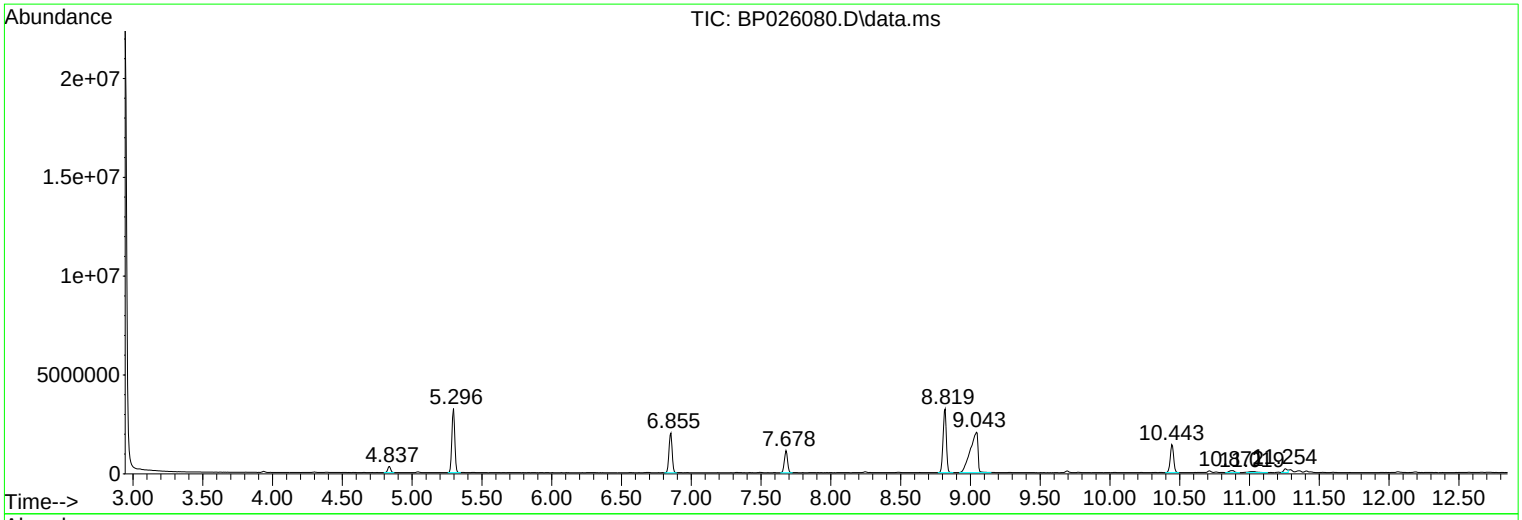
Sample Results: **BP026080.D**

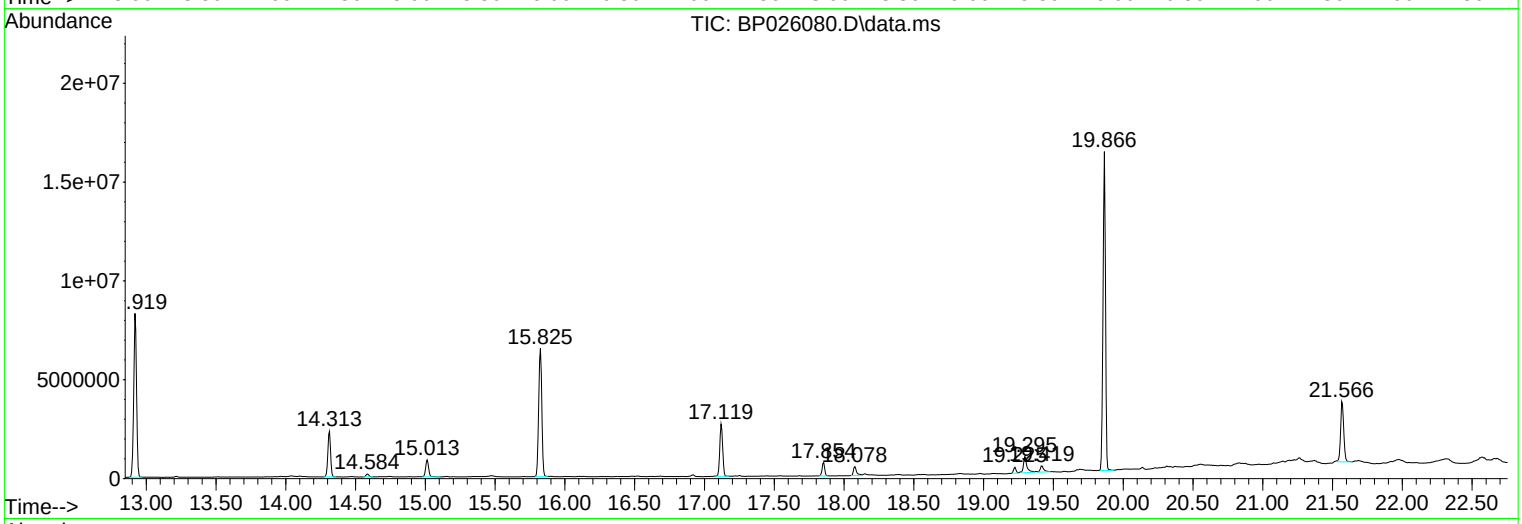
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

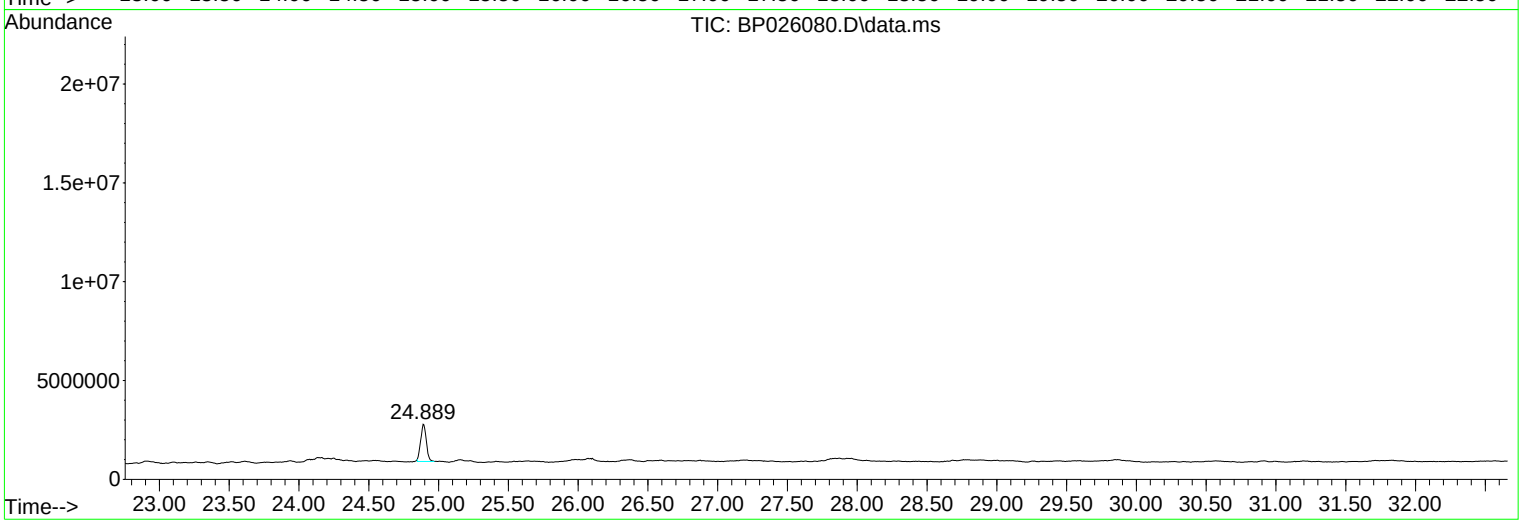
Instrument :
BNA_P
ClientSampleId :
FB-1

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\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

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

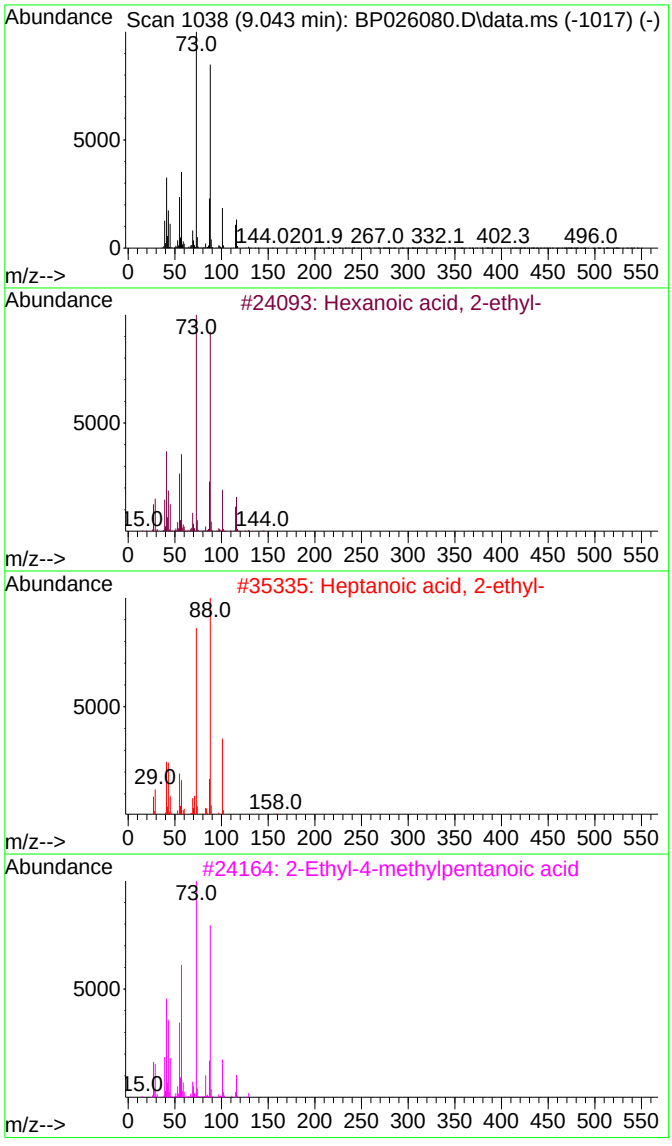
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

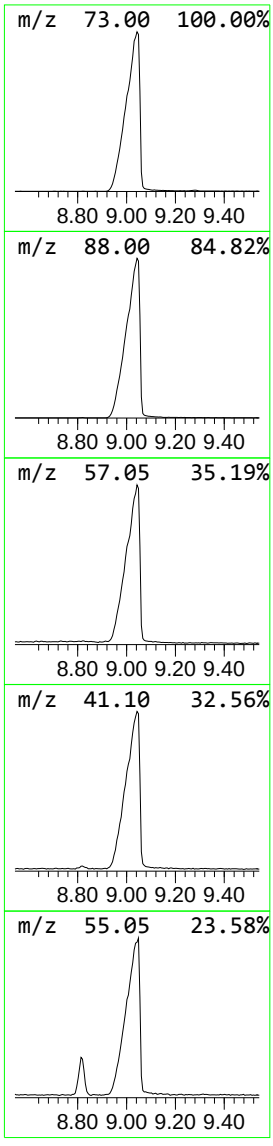
****

Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.043	89.53 ng	7847720	1,4-Dichlorobenzene-d4	7.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	91
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
3	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	56
4	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	47
5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

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

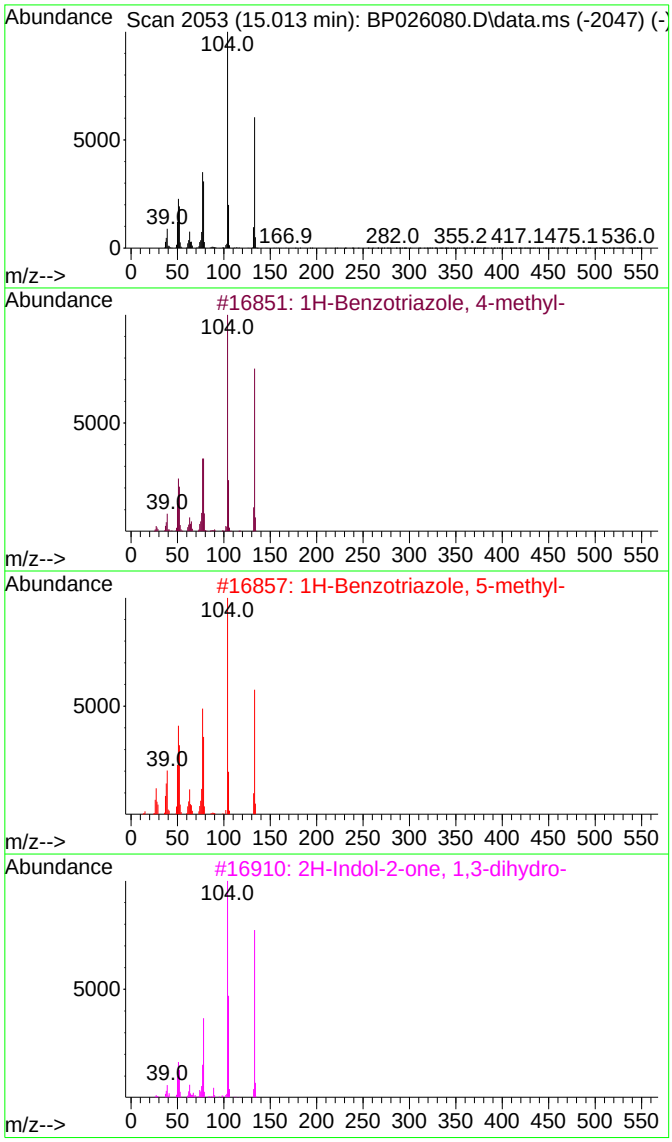
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

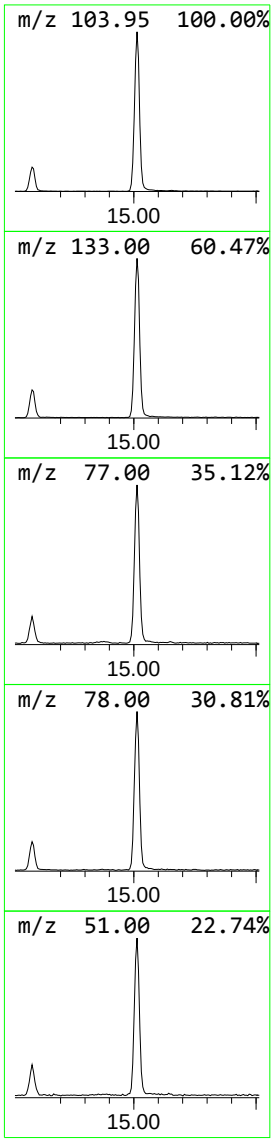
****

Peak Number 5 1H-Benzotriazole, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.013	7.97 ng	1275870	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	98
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	97
3	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	83
4	Benzene, 1-azido-2-methyl-	133	C7H7N3	031656-92-5	72
5	1H-Indol-5-ol	133	C8H7NO	001953-54-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

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

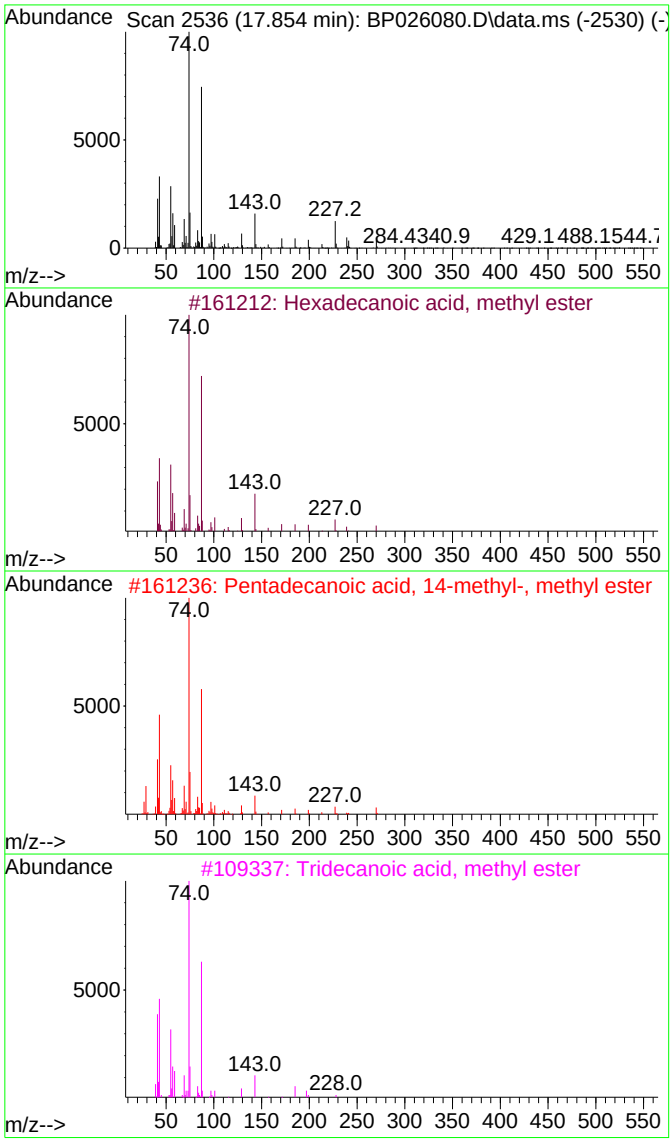
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

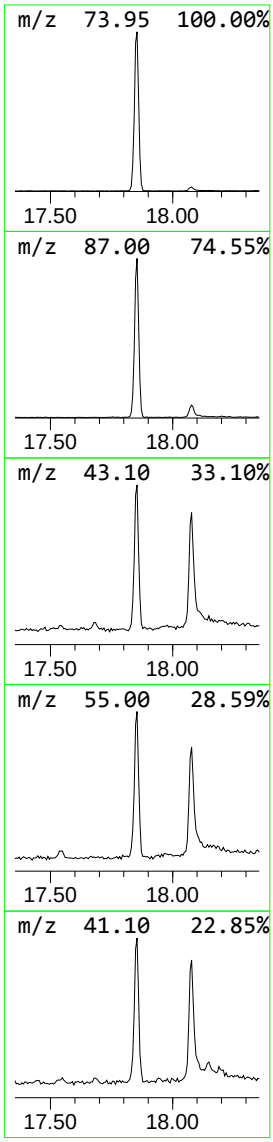
****

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.854	4.42 ng	839639	Phenanthrene-d10	17.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl stearate	298	C19H38O2	000112-61-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

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

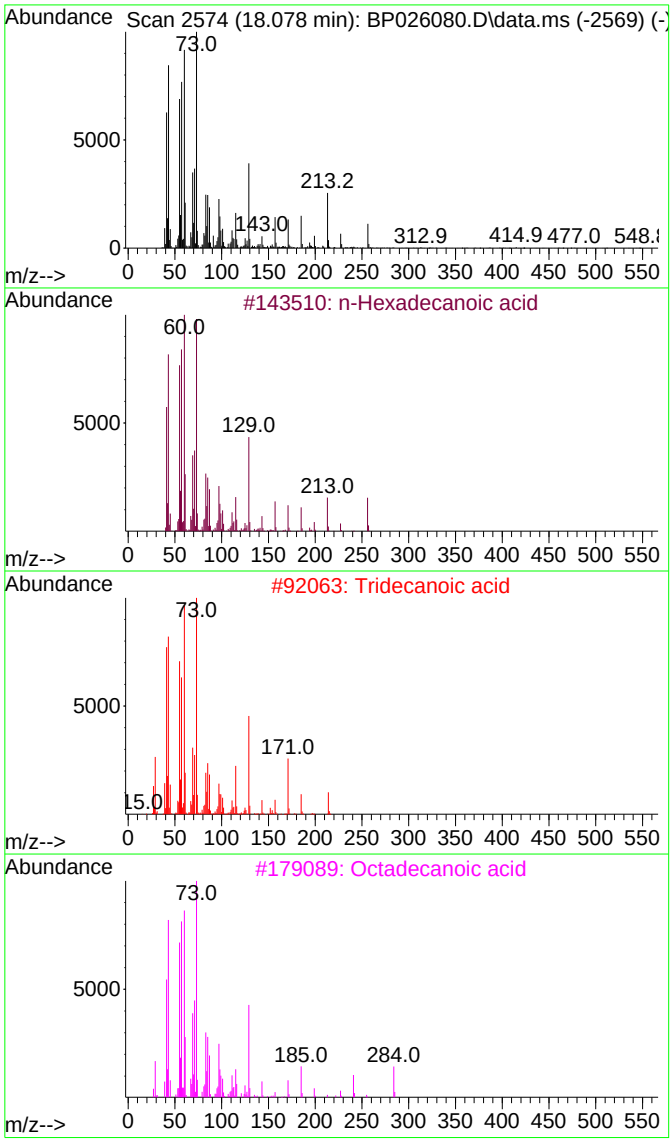
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

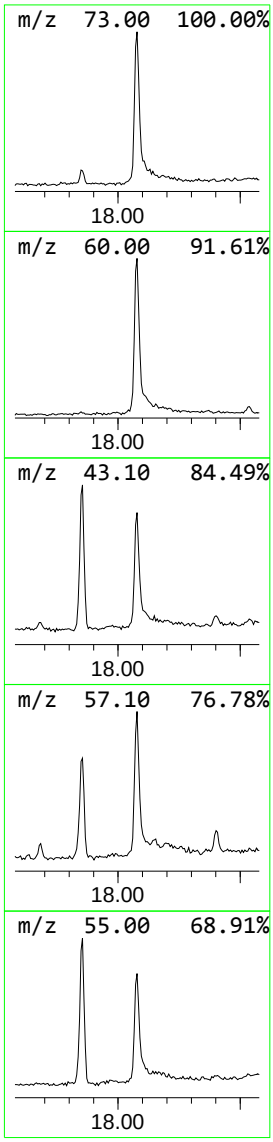
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.078	3.89 ng	738157	Phenanthrene-d10	17.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

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

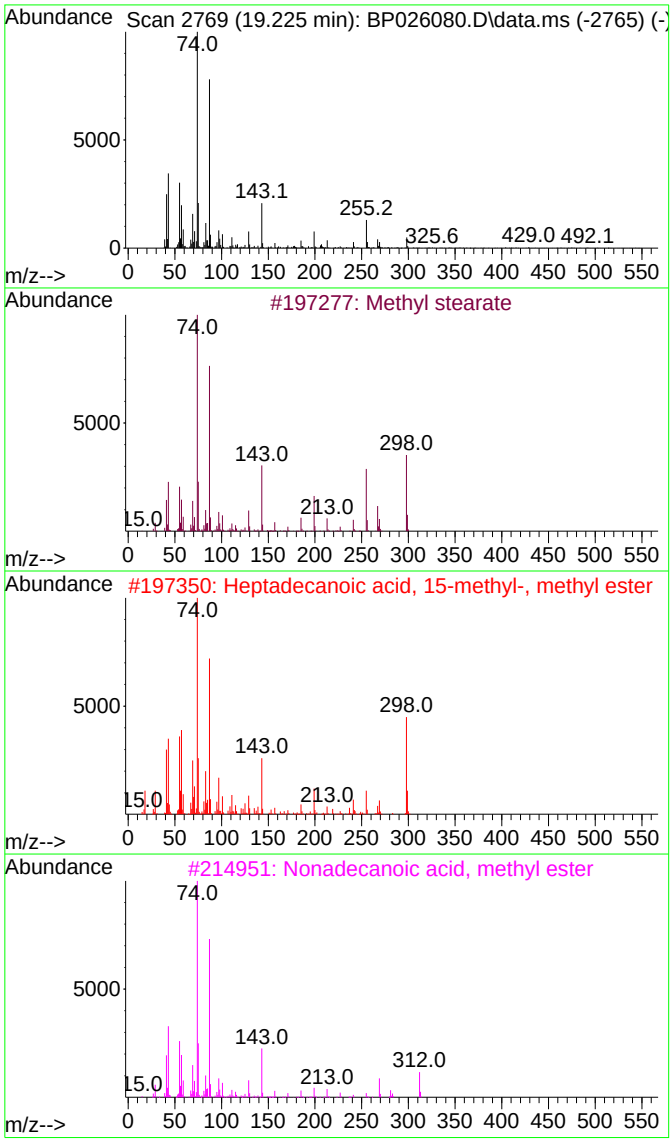
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

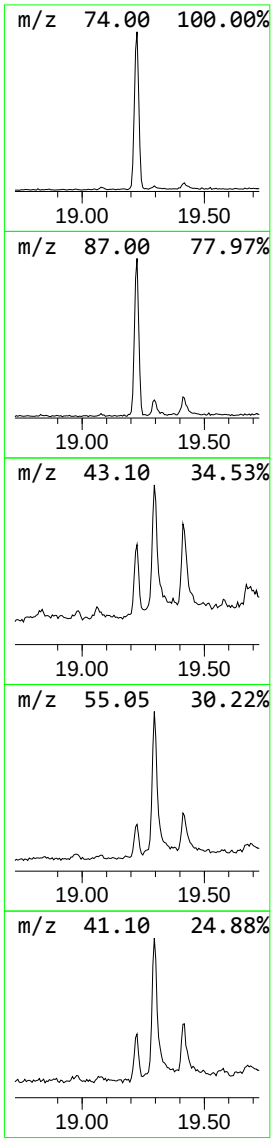
****

Peak Number 8 Methyl stearate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.225	2.03 ng	384984	Phenanthrene-d10	17.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	91
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

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

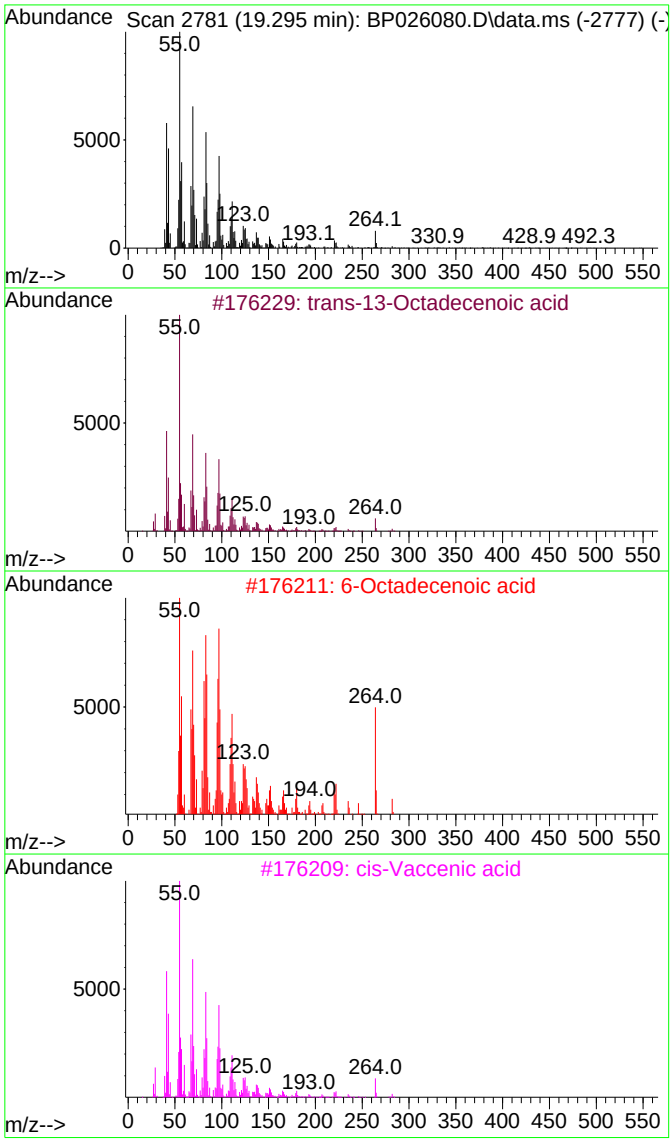
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

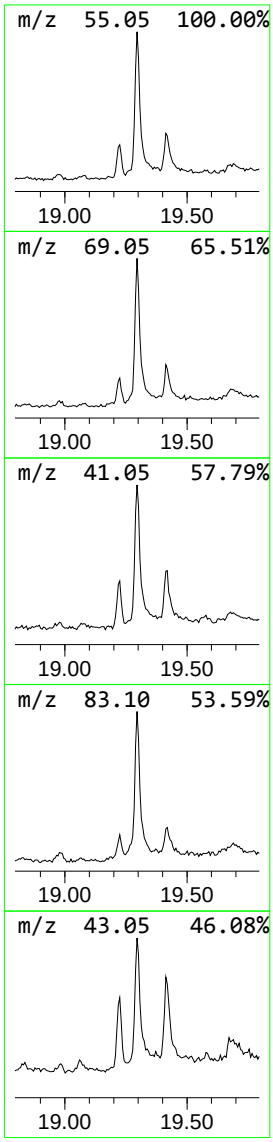
****

Peak Number 9 trans-13-Octadecenoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.295	7.18 ng	1364280	Phenanthrene-d10	17.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	97
2	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	93
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	93
4	Palmitoleic acid	254	C16H30O2	000373-49-9	93
5	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

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

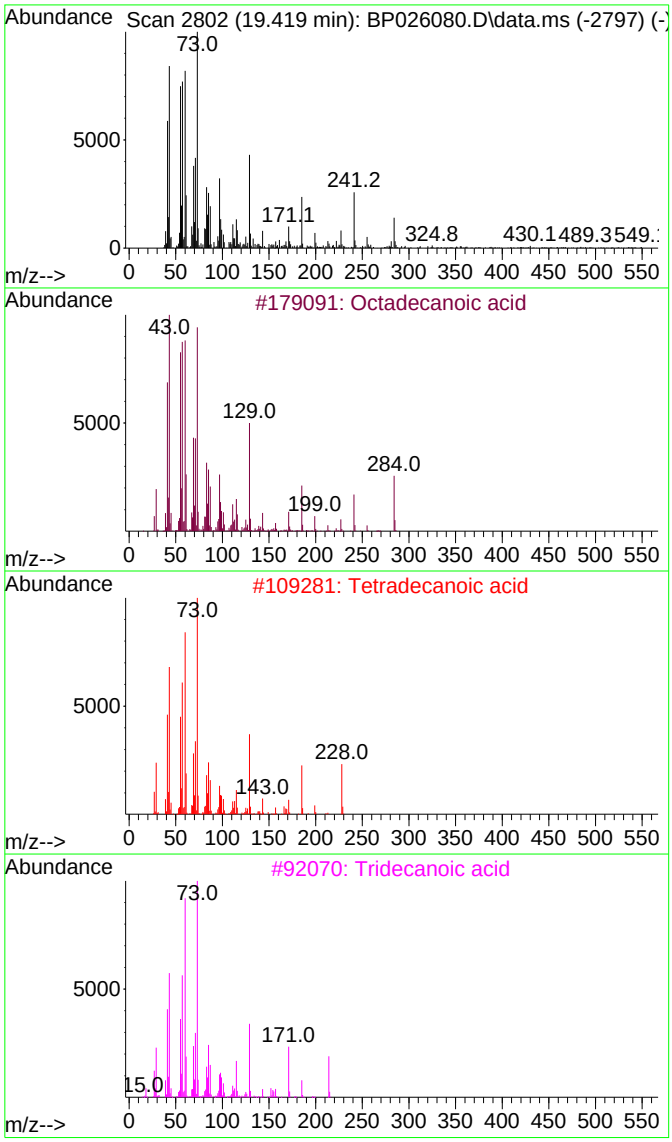
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

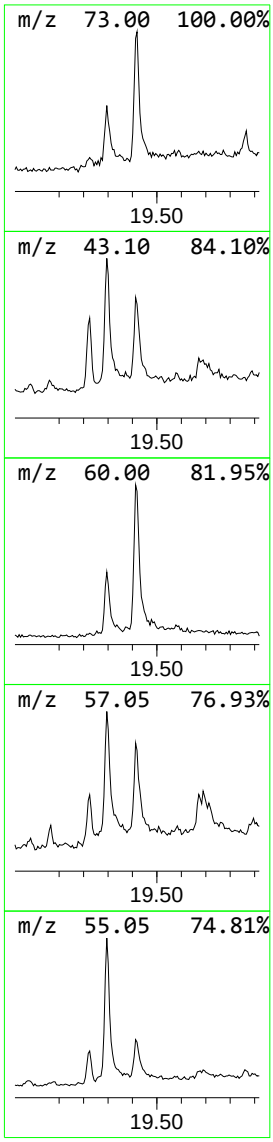
****

Peak Number 10 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.419	2.29 ng	547347	Chrysene-d12	21.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-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
Hexanoic acid, ...	9.043	89.5	ng	7847720	1	7.678	1753120	20.0
1H-Benzotriazol...	15.013	8.0	ng	1275870	3	14.313	3200460	20.0
Hexadecanoic ac...	17.854	4.4	ng	839639	4	17.119	3798730	20.0
n-Hexadecanoic ...	18.078	3.9	ng	738157	4	17.119	3798730	20.0
Methyl stearate	19.225	2.0	ng	384984	4	17.119	3798730	20.0
trans-13-Octade...	19.295	7.2	ng	1364280	4	17.119	3798730	20.0
Octadecanoic acid	19.419	2.3	ng	547347	5	21.566	4780760	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026081.D
Acq On : 06 Nov 2025 17:45
Operator : RC/JU
Sample : Q3534-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-1

Quant Time: Nov 07 01:01:03 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

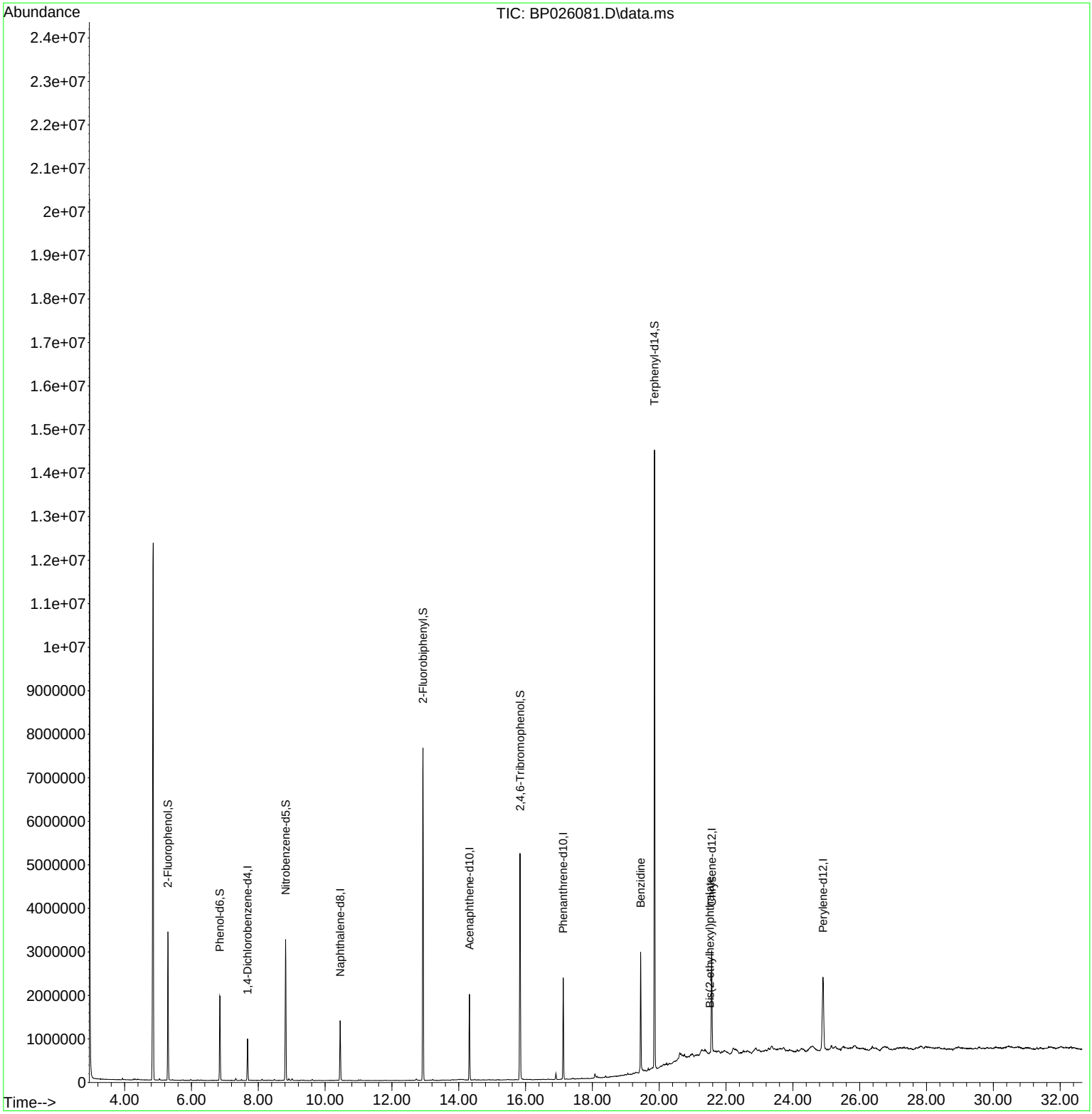
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	277359	20.000	ng		-0.01
21) Naphthalene-d8	10.449	136	1074842	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	656338	20.000	ng		0.00
64) Phenanthrene-d10	17.125	188	1338846	20.000	ng		0.00
76) Chrysene-d12	21.572	240	1519419	20.000	ng		0.00
86) Perylene-d12	24.901	264	1841615	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1437672	85.532	ng		0.00
7) Phenol-d6	6.849	99	1101390	51.481	ng		0.00
23) Nitrobenzene-d5	8.819	82	1711143	99.245	ng		0.00
42) 2,4,6-Tribromophenol	15.837	330	1158129	163.217	ng		0.00
45) 2-Fluorobiphenyl	12.931	172	3915612	85.725	ng		0.00
79) Terphenyl-d14	19.860	244	6948205	92.908	ng		0.00
Target Compounds							Qvalue
77) Benzidine	19.442	184	1600987	41.512	ng		99
84) Bis(2-ethylhexyl)phtha...	21.519	149	15838	2.842	ng	#	95

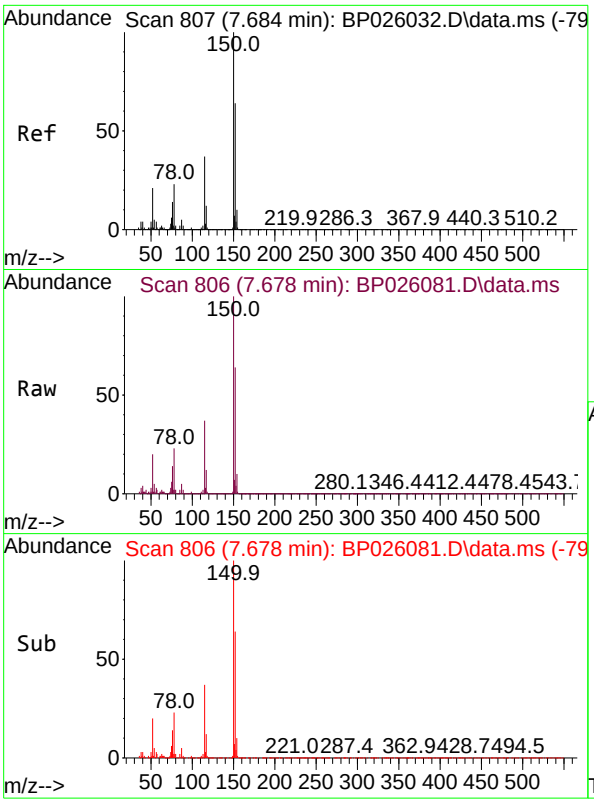
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026081.D
Acq On : 06 Nov 2025 17:45
Operator : RC/JU
Sample : Q3534-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-1

Quant Time: Nov 07 01:01:03 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



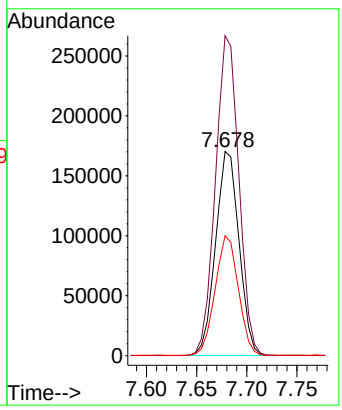


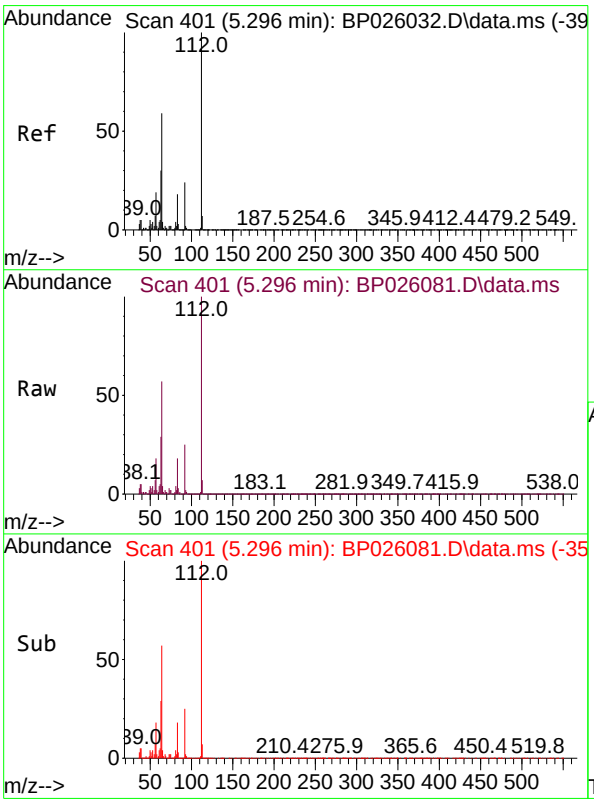
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Instrument :
BNA_P
ClientSampleId :
EB-1

Tgt Ion:152 Resp: 277359

Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.7	188.5
115	58.7	46.4	69.6

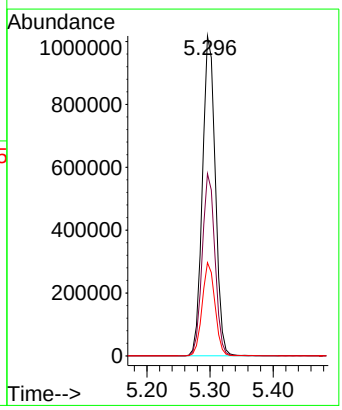


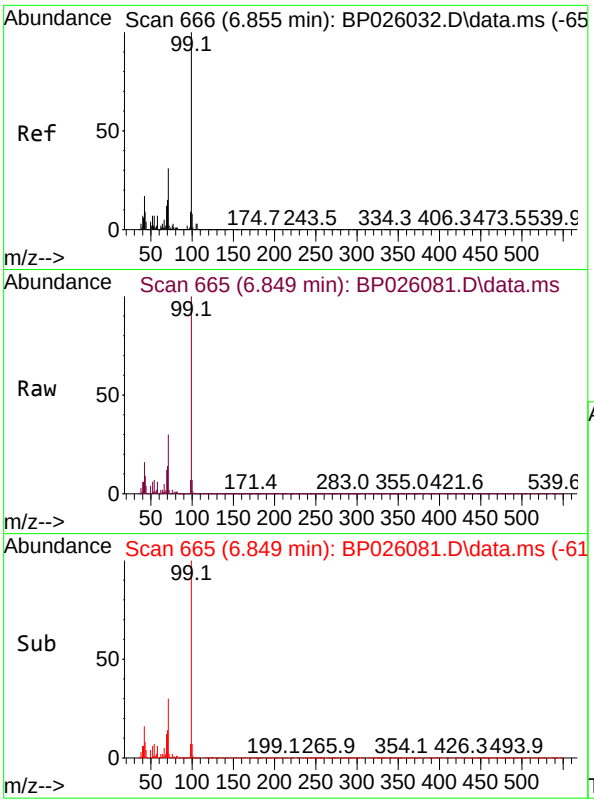


#5
2-Fluorophenol
Concen: 85.532 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:112 Resp: 1437672

Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.4	71.2
63	29.1	24.2	36.4



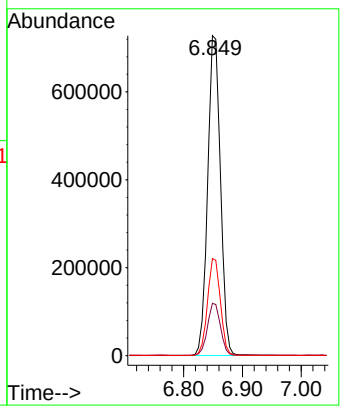


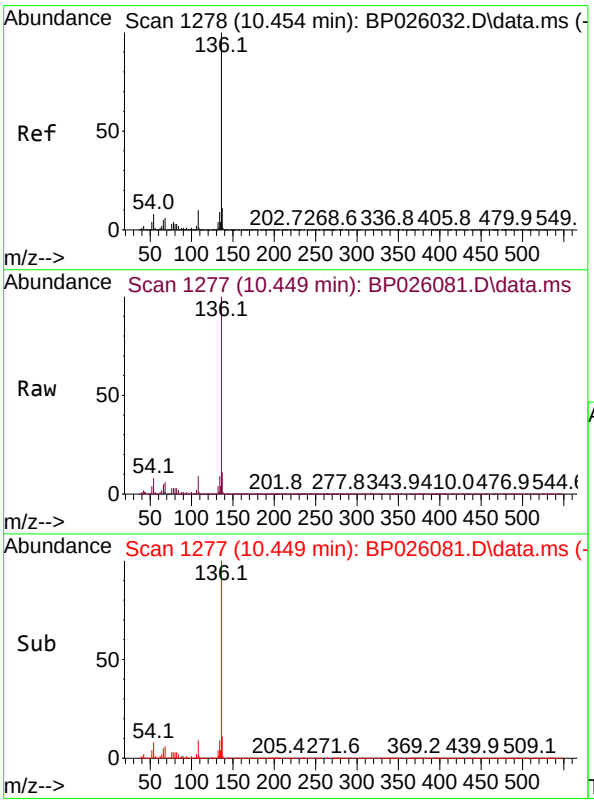
#7
Phenol-d6
Concen: 51.481 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Instrument :
BNA_P
ClientSampleId :
EB-1

Tgt Ion: 99 Resp: 1101390

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.7	20.5
71	30.3	24.4	36.6

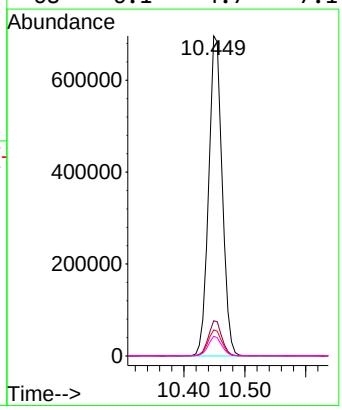


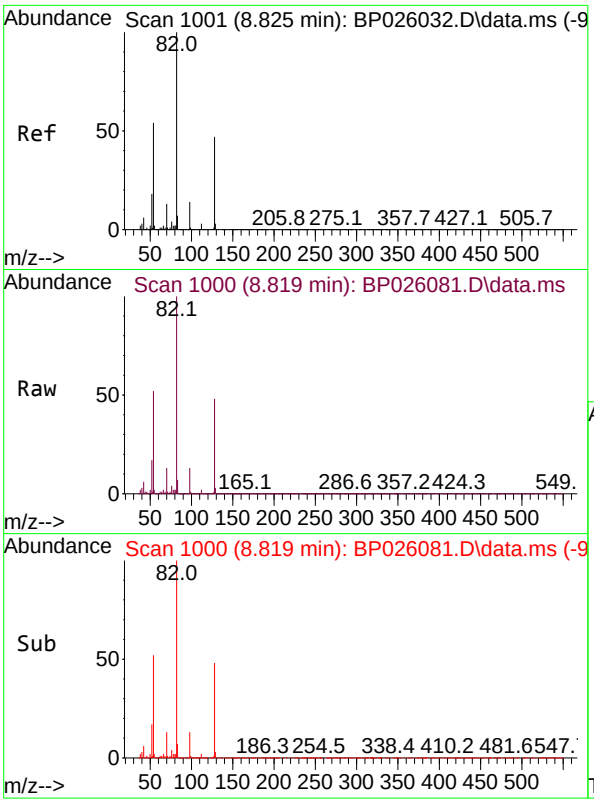


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:136 Resp: 1074842

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.1	6.6	10.0
68	6.1	4.7	7.1



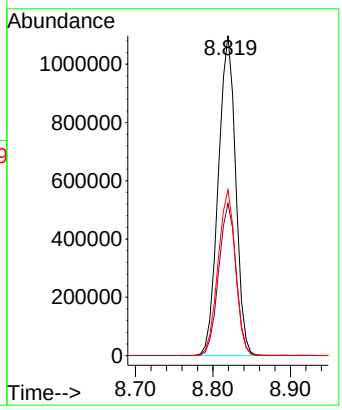


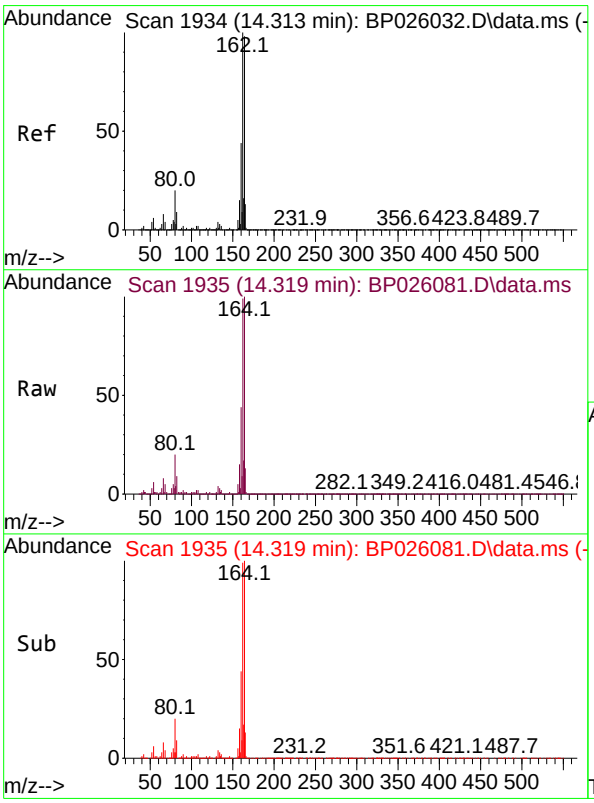
#23
Nitrobenzene-d5
Concen: 99.245 ng
RT: 8.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Instrument :
BNA_P
ClientSampleId :
EB-1

Tgt Ion: 82 Resp: 1711143

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.0
54	51.9	42.7	64.1

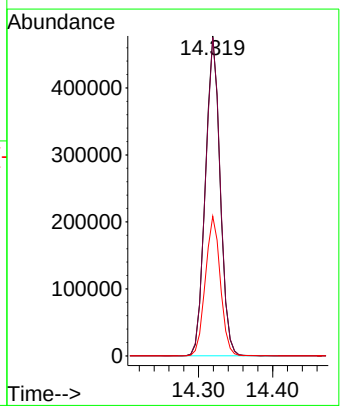


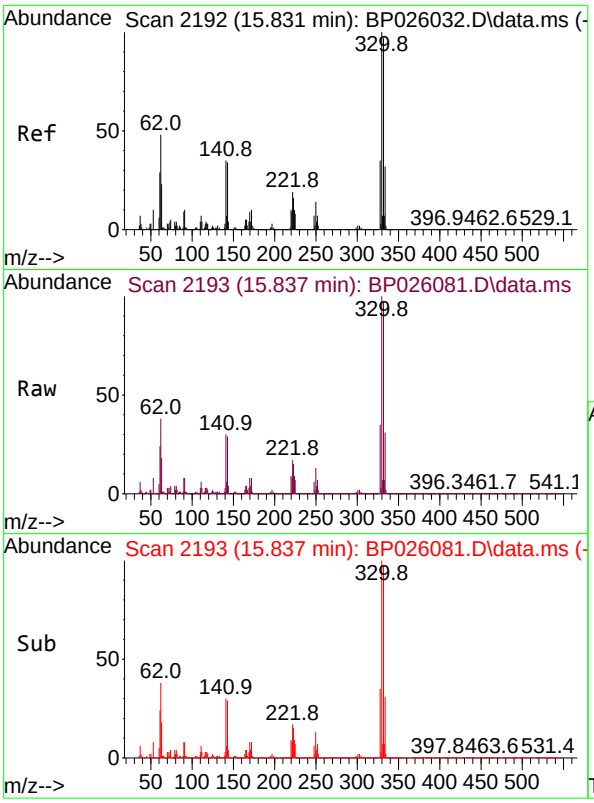


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:164 Resp: 656338

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.5	122.3
160	43.6	36.2	54.4



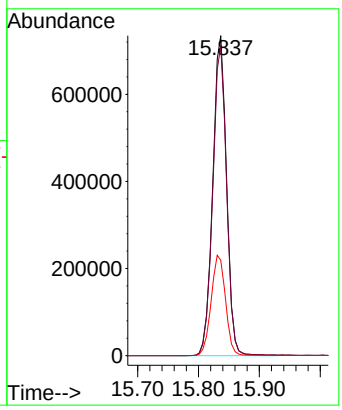


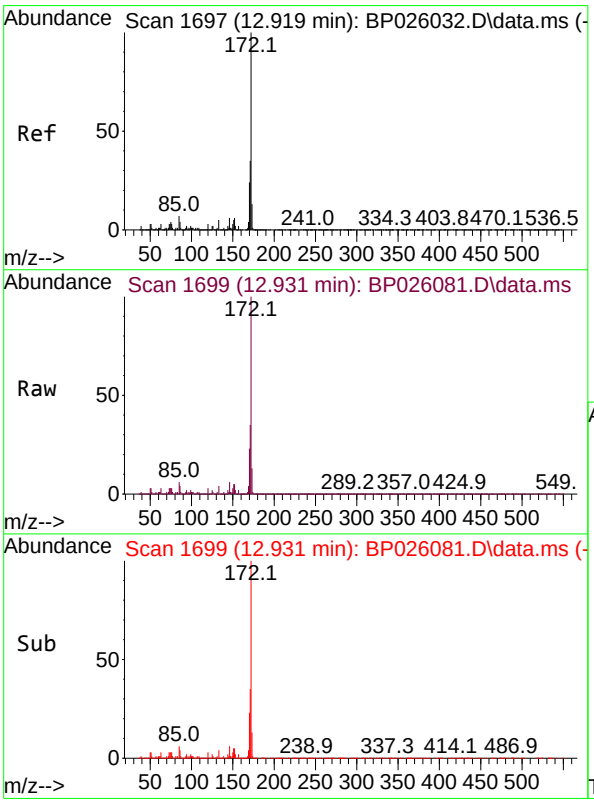
#42
2,4,6-Tribromophenol
Concen: 163.217 ng
RT: 15.837 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Instrument :
BNA_P
ClientSampleId :
EB-1

Tgt Ion:330 Resp: 1158129

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	32.7	28.6	42.8

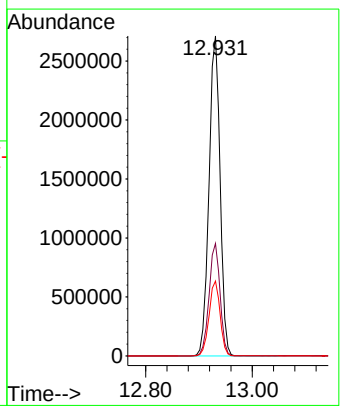


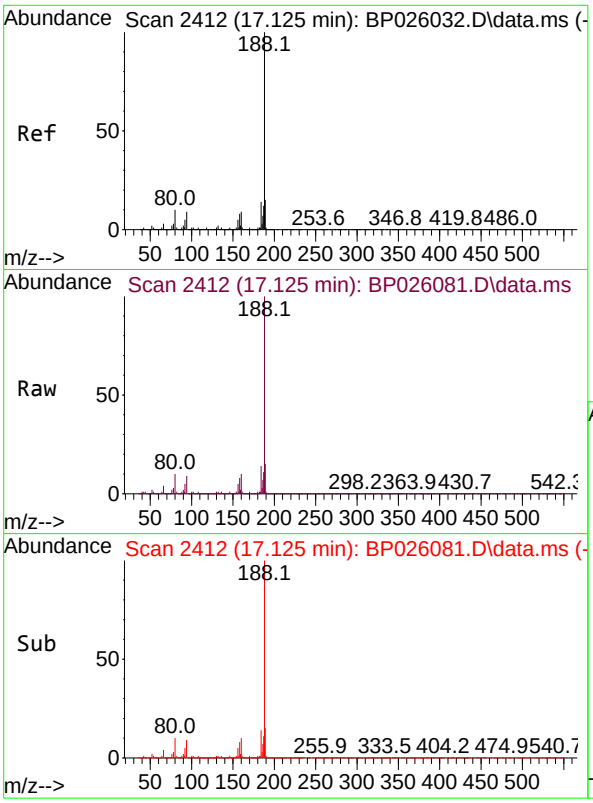


#45
2-Fluorobiphenyl
Concen: 85.725 ng
RT: 12.931 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:172 Resp: 3915612

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.4	19.0	28.4



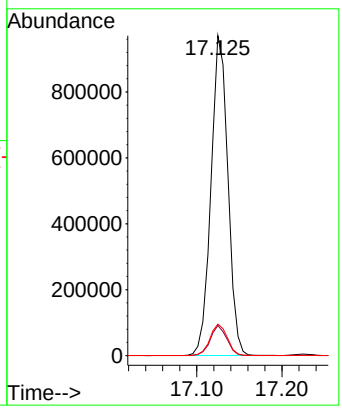


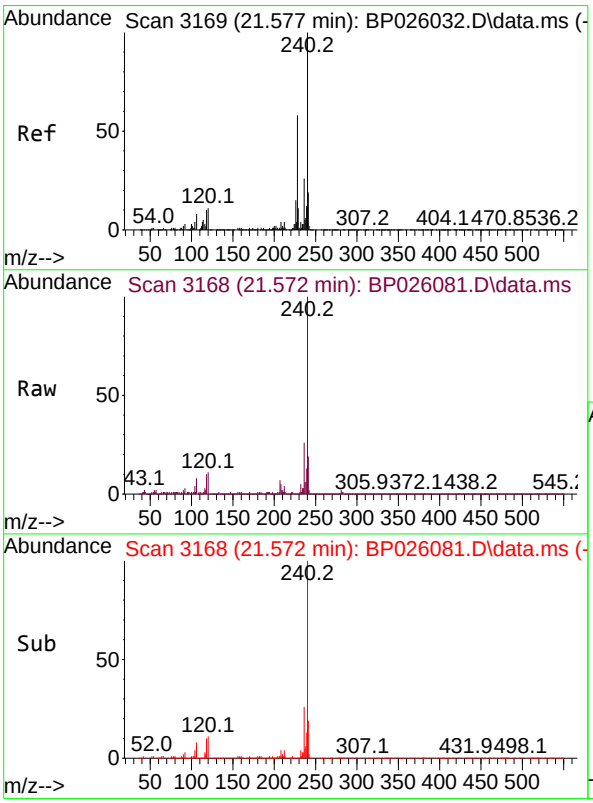
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Instrument :
BNA_P
ClientSampleId :
EB-1

Tgt Ion:188 Resp: 1338846

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	9.8	7.9	11.9

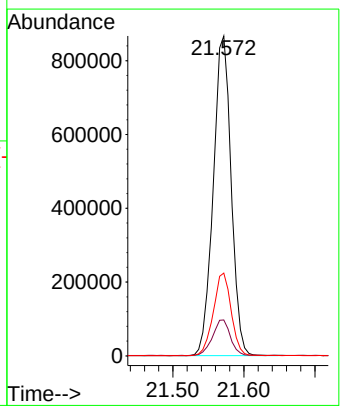


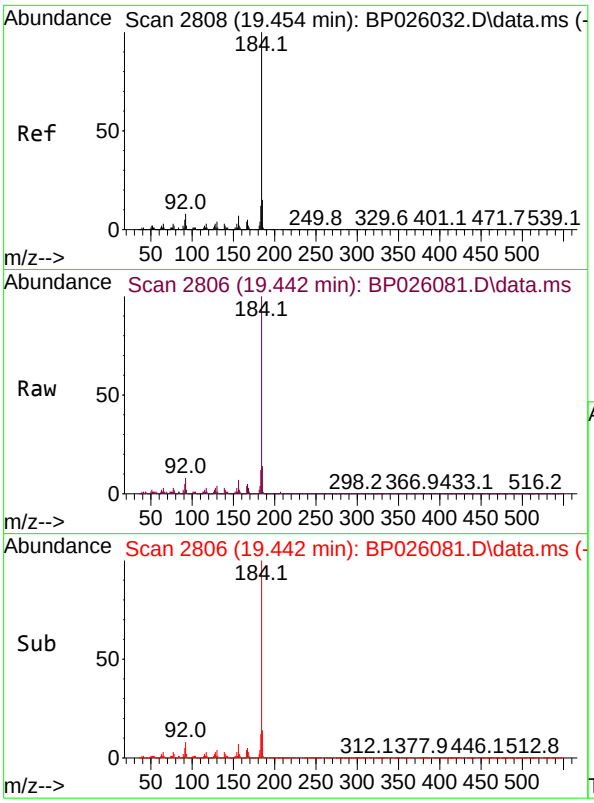


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3168
Delta R.T. 0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:240 Resp: 1519419

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.9	20.6	31.0



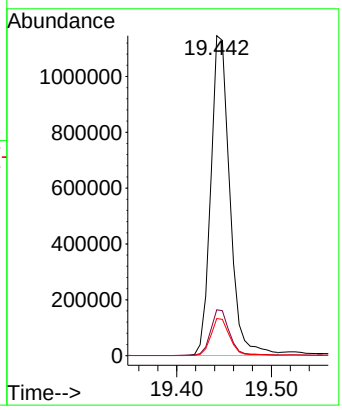


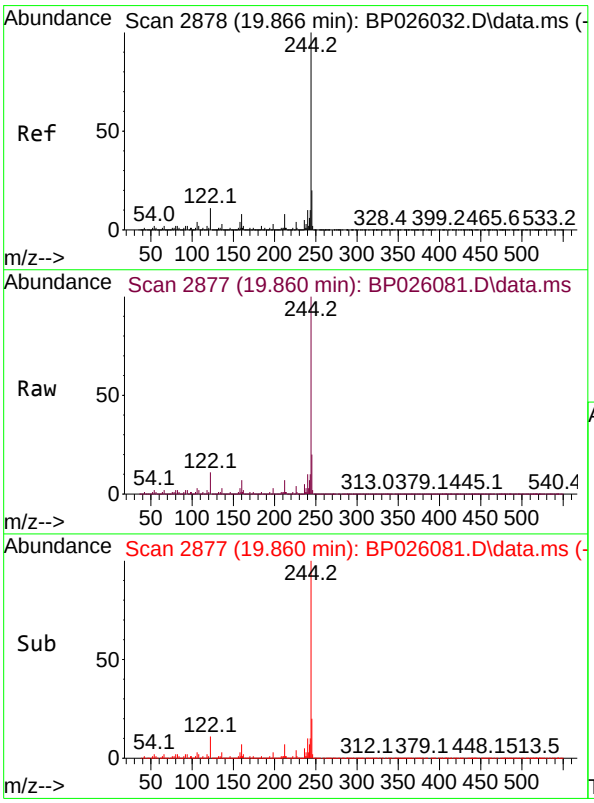
#77
Benzidine
Concen: 41.512 ng
RT: 19.442 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Instrument :
BNA_P
ClientSampleId :
EB-1

Tgt Ion:184 Resp: 1600987

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.9	17.9
183	11.6	9.2	13.8

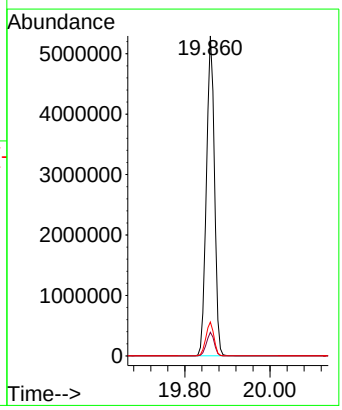


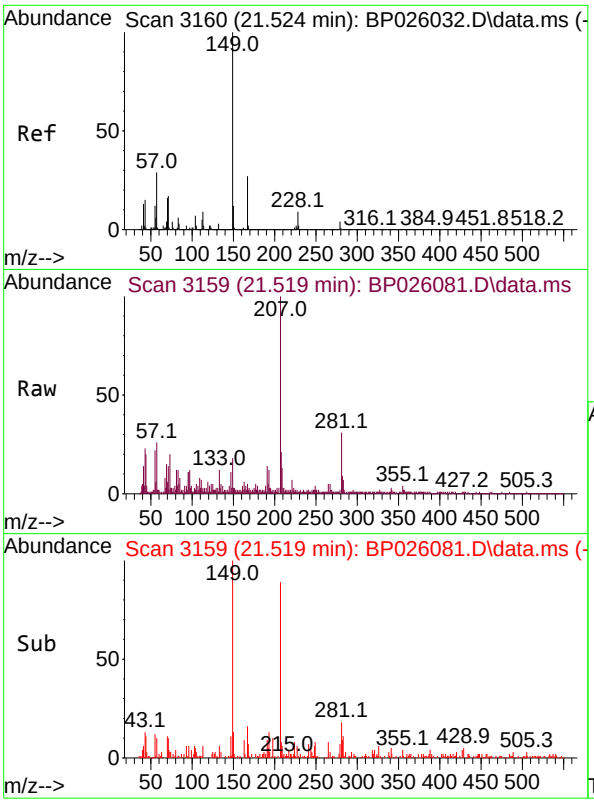


#79
Terphenyl-d14
Concen: 92.908 ng
RT: 19.860 min Scan# 2877
Delta R.T. -0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:244 Resp: 6948205

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.6	9.0	13.6



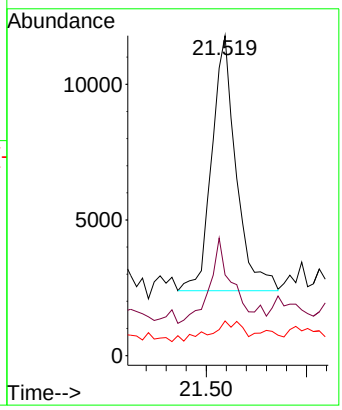


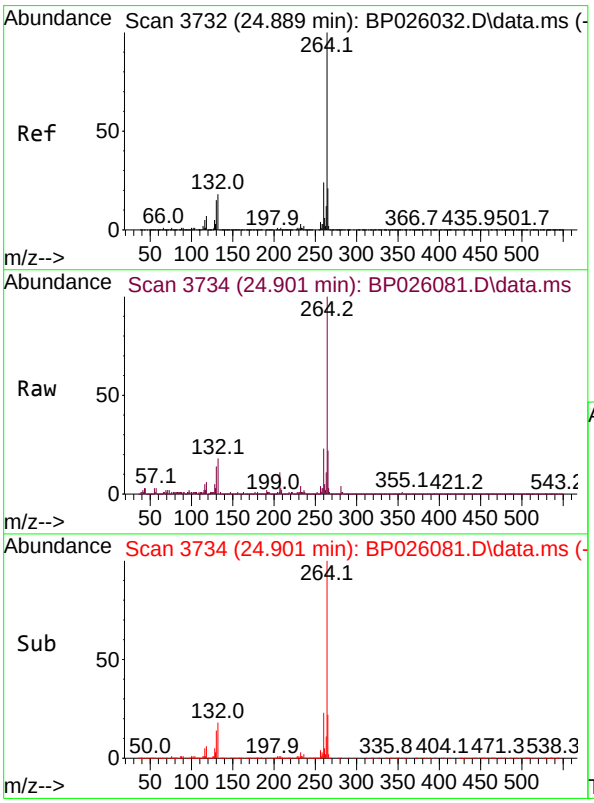
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.842 ng
RT: 21.519 min Scan# 31
Delta R.T. 0.001 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Instrument :
BNA_P
ClientSampleId :
EB-1

Tgt Ion:149 Resp: 15838

Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.5	32.3
279	10.8	3.0	4.6#

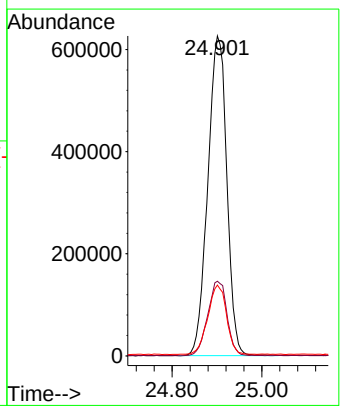




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3734
Delta R.T. 0.018 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:264 Resp: 1841615

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	22.1	17.2	25.8



Sample Results: **BP026081.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026081.D
Acq On : 06 Nov 2025 17:45
Operator : RC/JU
Sample : Q3534-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-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: BP026081.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.855	317	326	331	rBV	12342431	19885082	100.00%	21.125%
2	5.296	395	401	408	rBV	3409556	4773446	24.01%	5.071%
3	6.849	659	665	674	rBV	1936686	2976072	14.97%	3.162%
4	7.678	798	806	813	rBV	961665	1557990	7.83%	1.655%
5	8.819	992	1000	1009	rBV	3235484	5085393	25.57%	5.402%
6	10.449	1270	1277	1294	rVB	1376759	2157045	10.85%	2.292%
7	12.931	1691	1699	1705	rBV	7634552	11010923	55.37%	11.697%
8	14.319	1929	1935	1947	rVB	1974724	2751816	13.84%	2.923%
9	15.831	2185	2192	2203	rBV	5204682	8634212	43.42%	9.173%
10	16.907	2369	2375	2382	rVB3	141536	213900	1.08%	0.227%
11	17.125	2405	2412	2420	rVB2	2329717	3252226	16.36%	3.455%
12	18.072	2568	2573	2581	rBV3	98173	227016	1.14%	0.241%
13	19.442	2798	2806	2817	rBV	2767161	3975709	19.99%	4.224%
14	19.860	2871	2877	2890	rVB	14215331	18654675	93.81%	19.818%
15	21.572	3161	3168	3178	rBV2	2346404	4209997	21.17%	4.472%
16	24.901	3725	3734	3745	rVB	1642197	4765476	23.97%	5.063%

Sum of corrected areas: 94130978

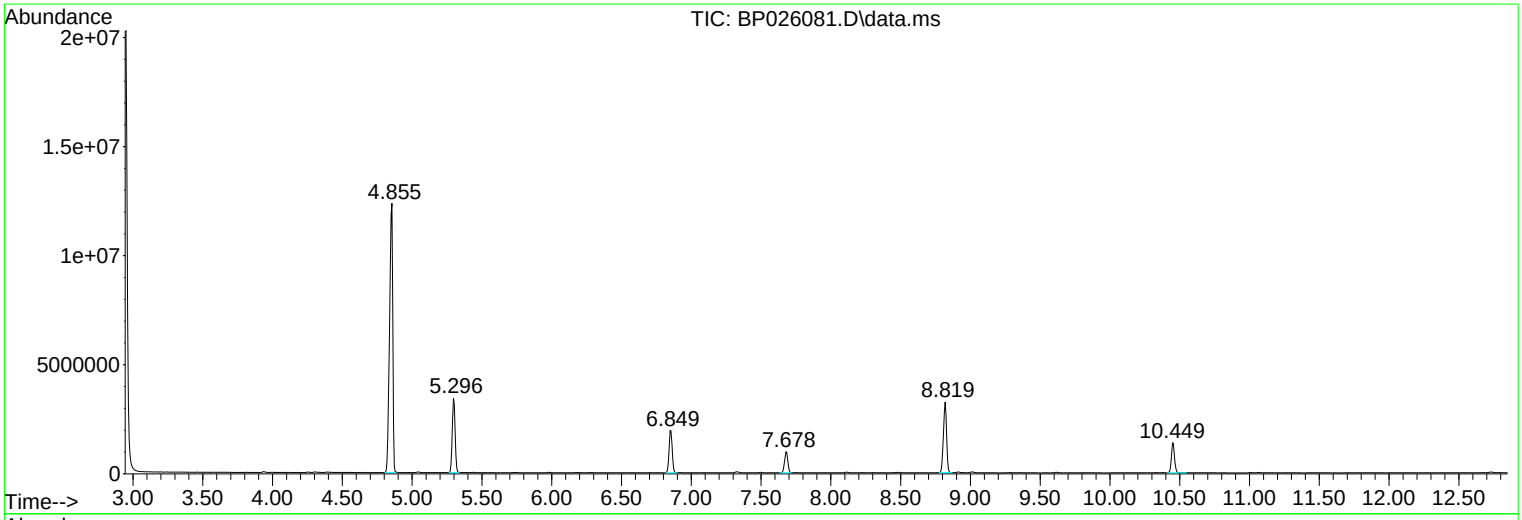
Sample Results: **BP026081.D**

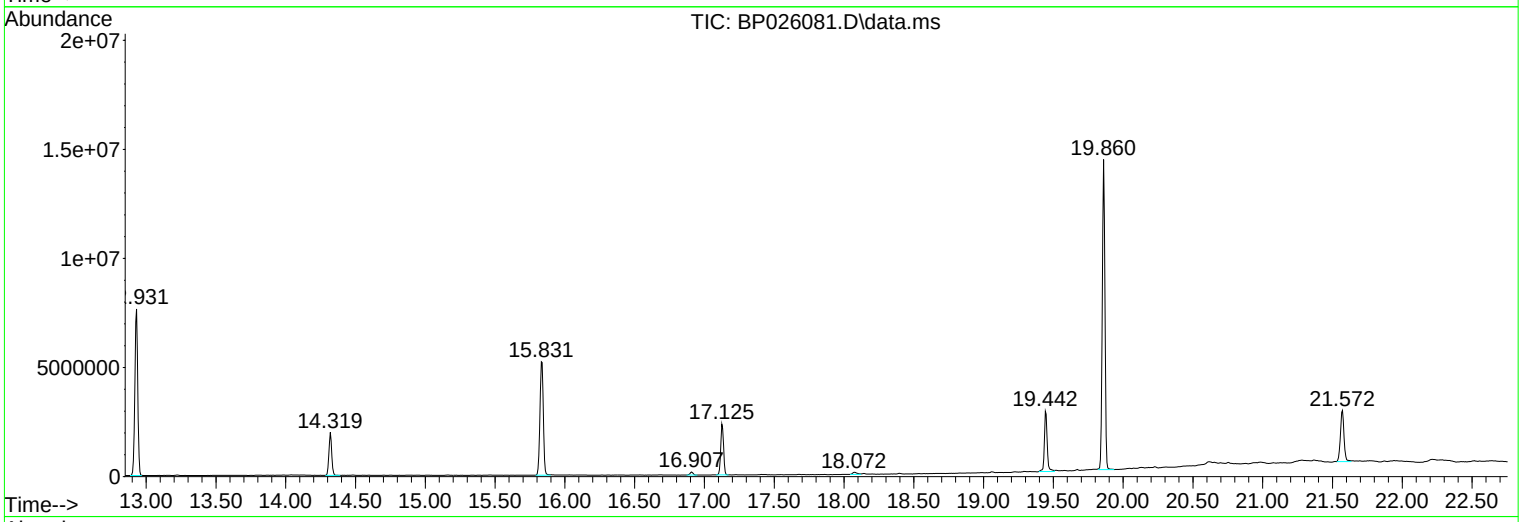
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026081.D
Acq On : 06 Nov 2025 17:45
Operator : RC/JU
Sample : Q3534-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

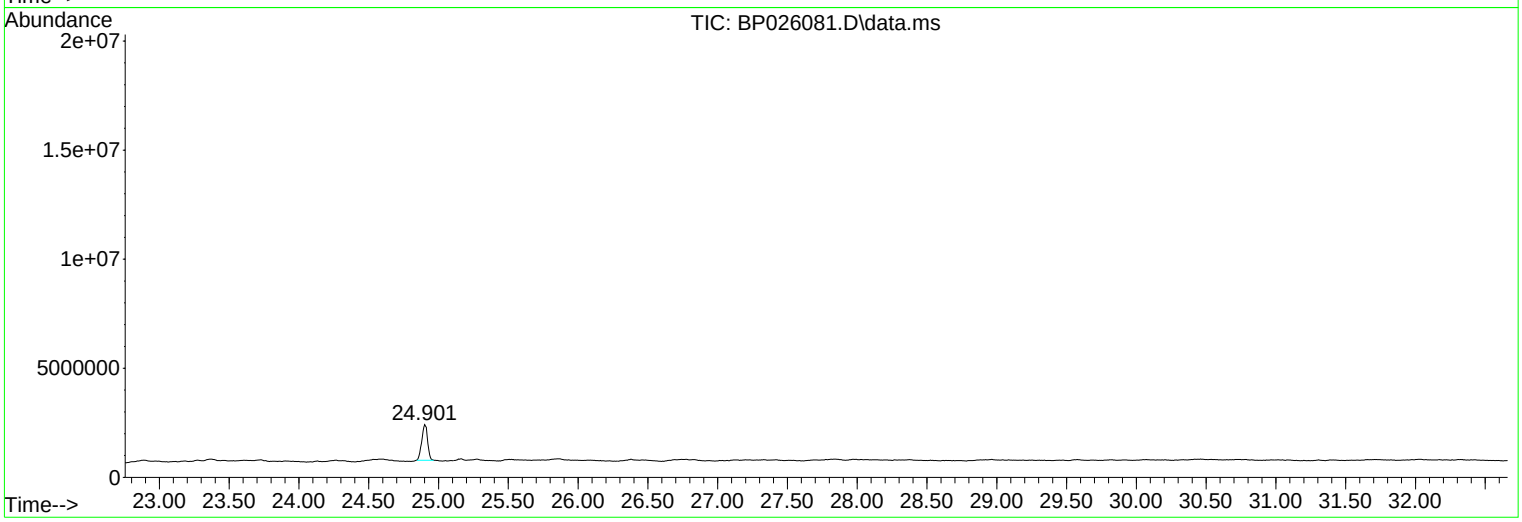
Instrument :
BNA_P
ClientSampleId :
EB-1

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: **BP026081.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026081.D
Acq On : 06 Nov 2025 17:45
Operator : RC/JU
Sample : Q3534-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-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

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026081.D
Acq On : 06 Nov 2025 17:45
Operator : RC/JU
Sample : Q3534-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Quant Time: Nov 06 14:45:58 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

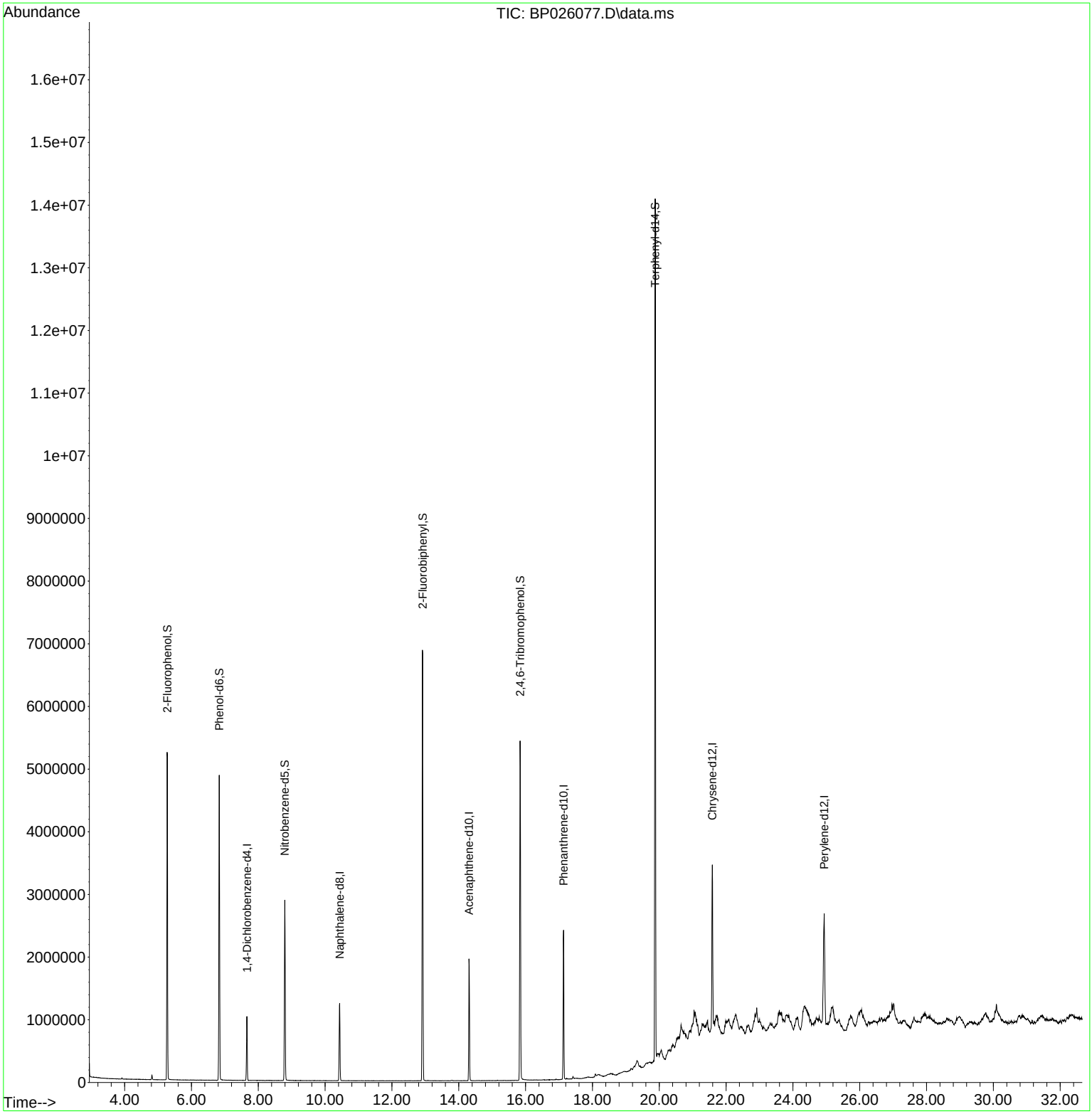
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	281412	20.000	ng	-0.03
21) Naphthalene-d8	10.437	136	1090241	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	699934	20.000	ng	-0.01
64) Phenanthrene-d10	17.136	188	1528535	20.000	ng	0.01
76) Chrysene-d12	21.589	240	1747812	20.000	ng	0.02
86) Perylene-d12	24.936	264	1979388	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	2353394	137.994	ng	-0.02
7) Phenol-d6	6.831	99	2888806	133.083	ng	-0.02
23) Nitrobenzene-d5	8.795	82	1635887	93.540	ng	-0.03
42) 2,4,6-Tribromophenol	15.836	330	1281072	169.298	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4073635	83.629	ng	-0.01
79) Terphenyl-d14	19.877	244	7701953	89.529	ng	0.01
Target Compounds						Qvalue

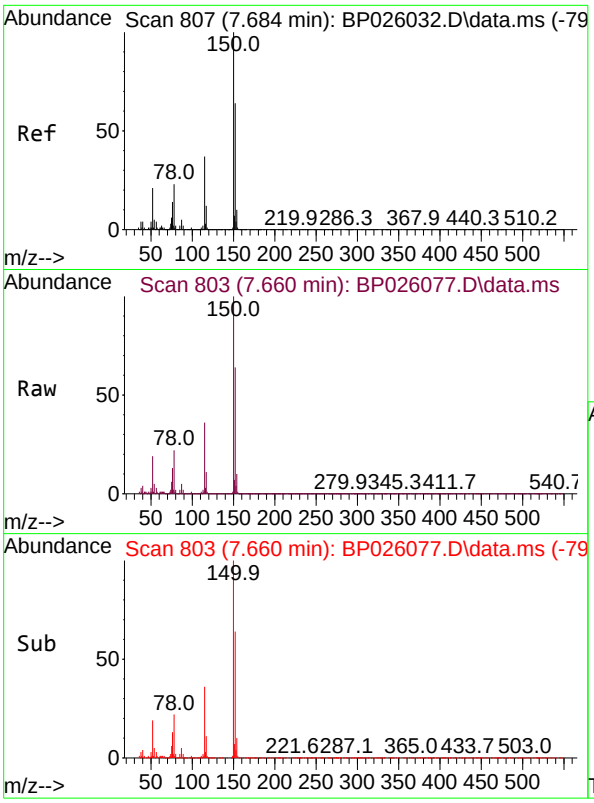
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Quant Time: Nov 06 14:45:58 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



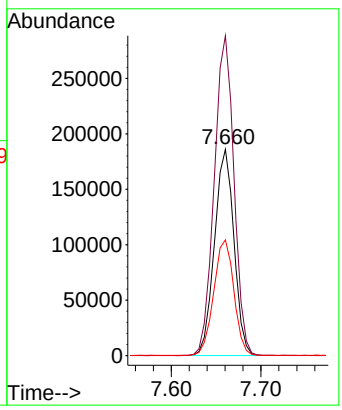


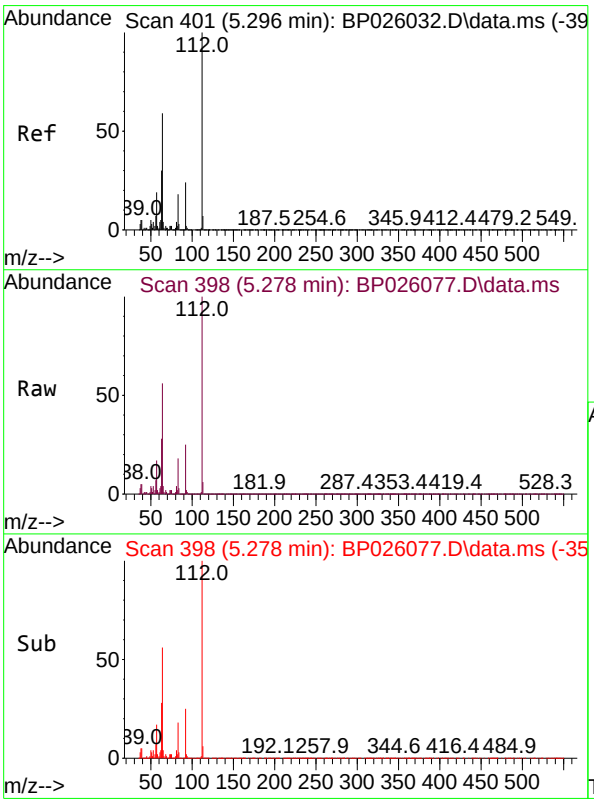
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.660 min Scan# 80
Delta R.T. -0.030 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Tgt Ion:152 Resp: 281412

Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.7	188.5
115	56.1	46.4	69.6

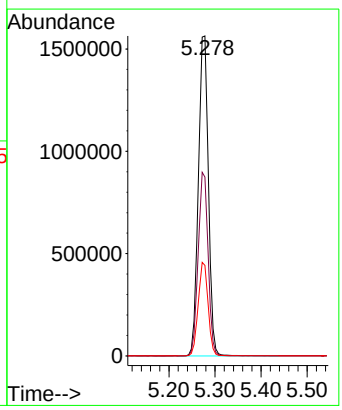


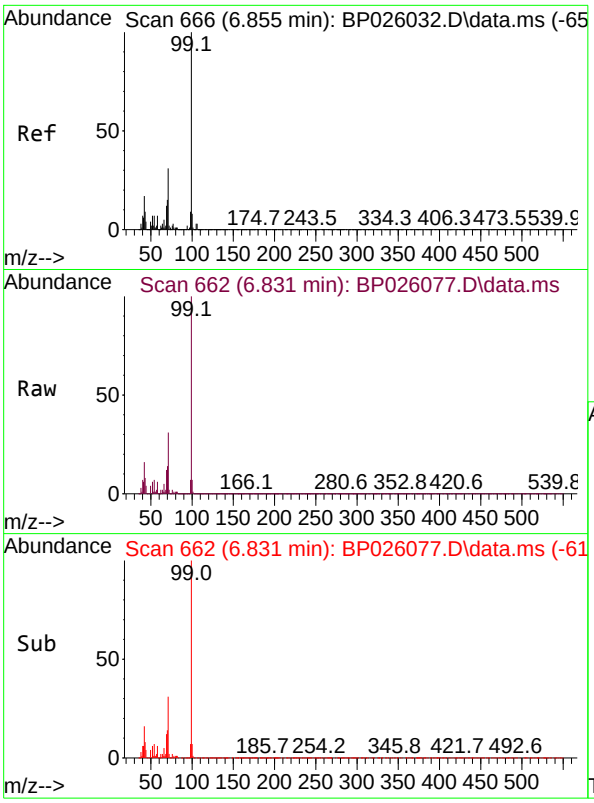


#5
2-Fluorophenol
Concen: 137.994 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.018 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion:112 Resp: 2353394

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.4	71.2
63	28.3	24.2	36.4



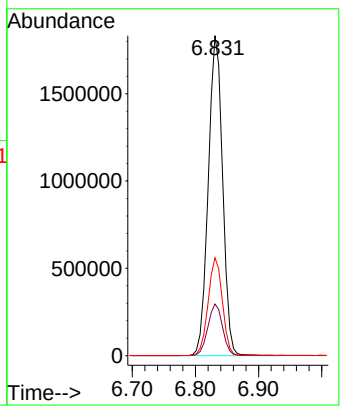


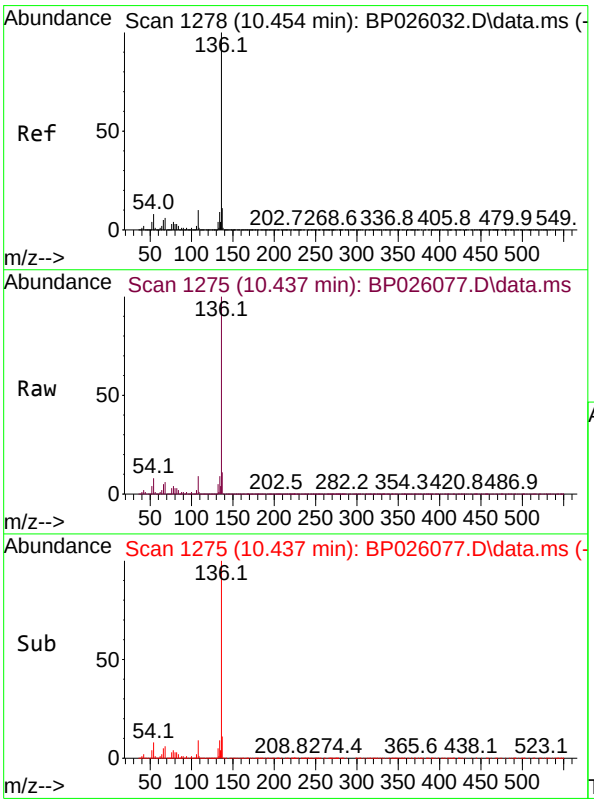
#7
Phenol-d6
Concen: 133.083 ng
RT: 6.831 min Scan# 6
Delta R.T. -0.024 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Tgt Ion: 99 Resp: 2888806

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.7	20.5
71	30.6	24.4	36.6

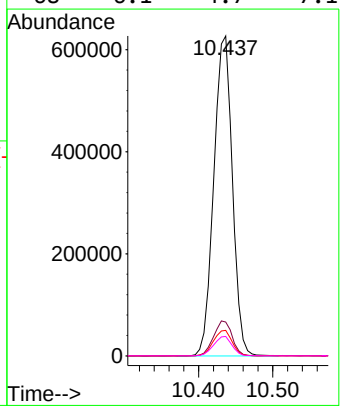


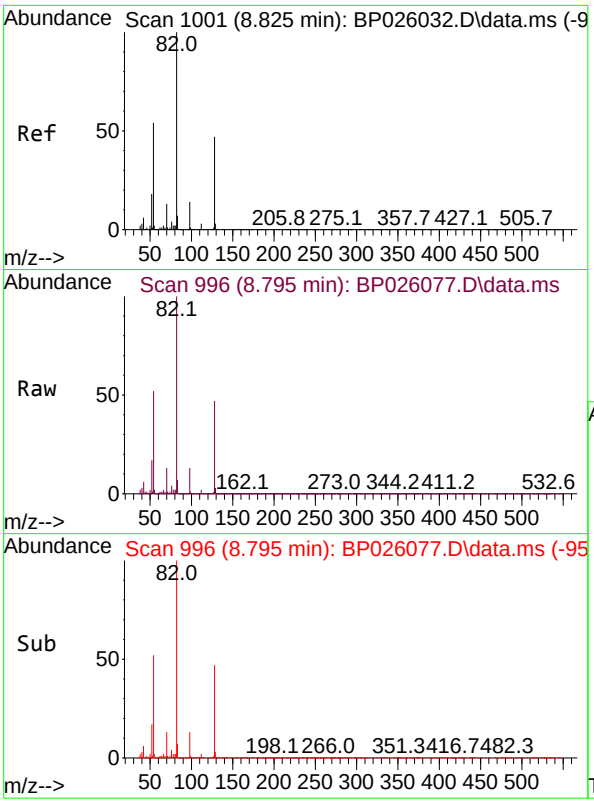


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.017 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion:136 Resp: 1090241

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.0	6.6	10.0
68	6.1	4.7	7.1



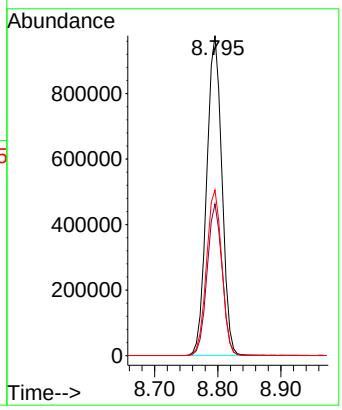


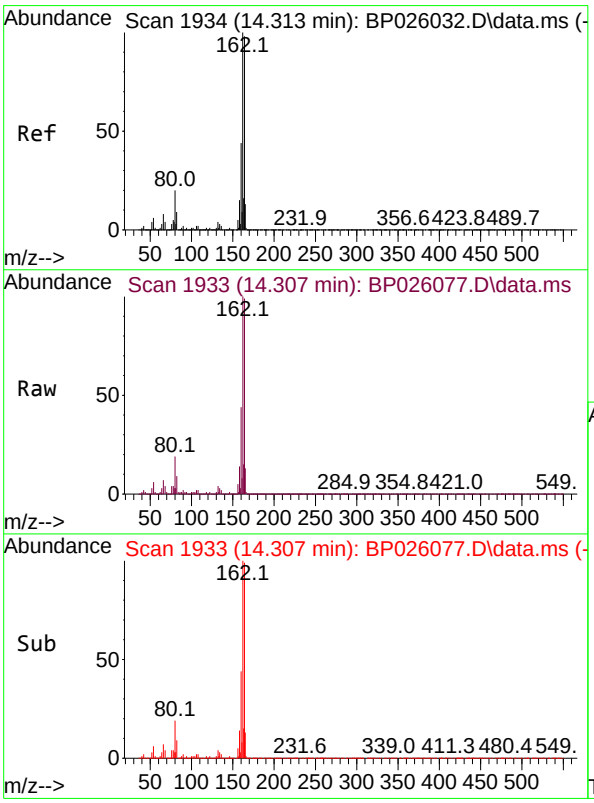
#23
Nitrobenzene-d5
Concen: 93.540 ng
RT: 8.795 min Scan# 99
Delta R.T. -0.029 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Tgt Ion: 82 Resp: 1635887

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.4	56.0
54	51.8	42.7	64.1

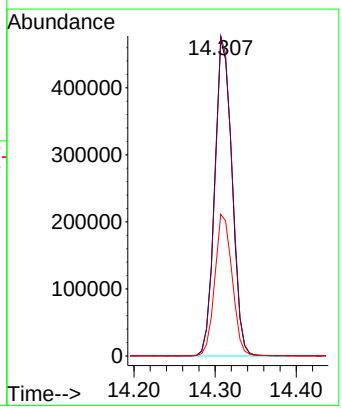


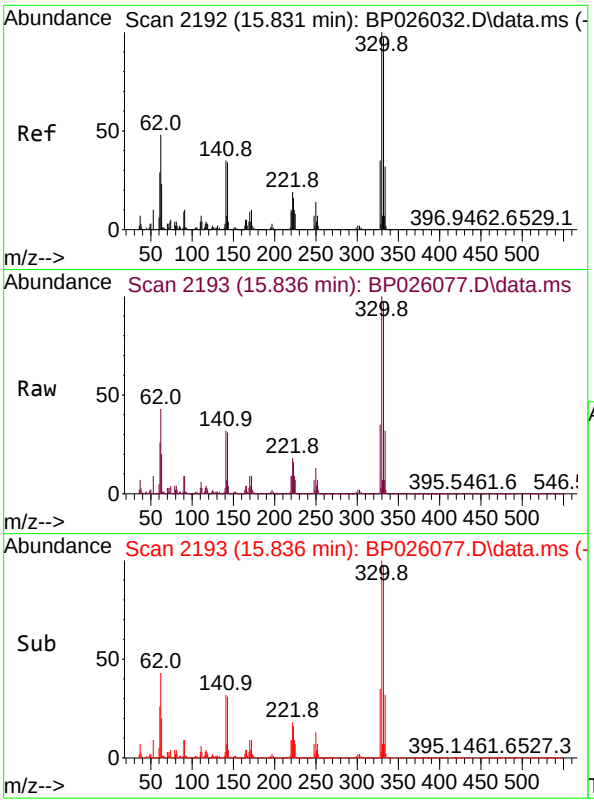


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion:164 Resp: 699934

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.5	122.3
160	44.8	36.2	54.4



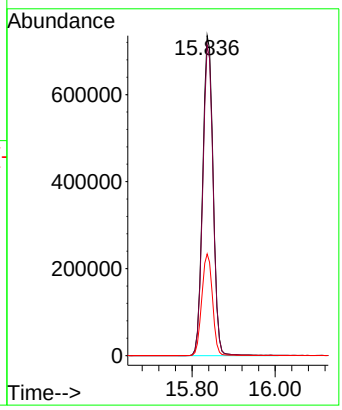


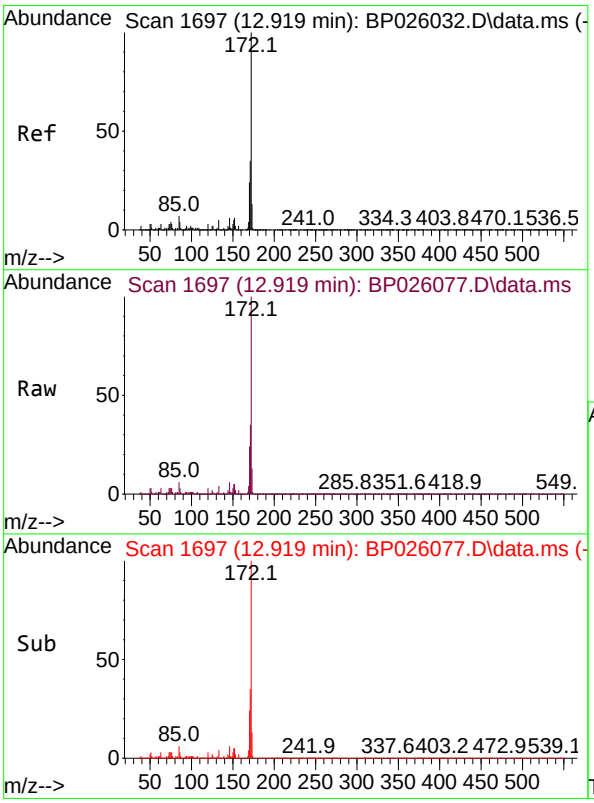
#42
2,4,6-Tribromophenol
Concen: 169.298 ng
RT: 15.836 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Tgt Ion:330 Resp: 1281072

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	32.5	28.6	42.8

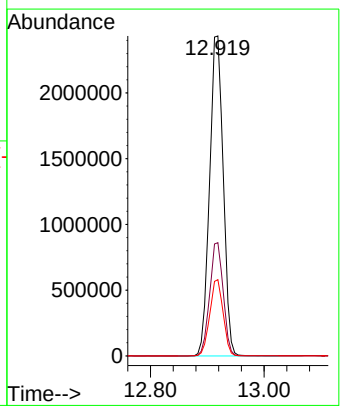


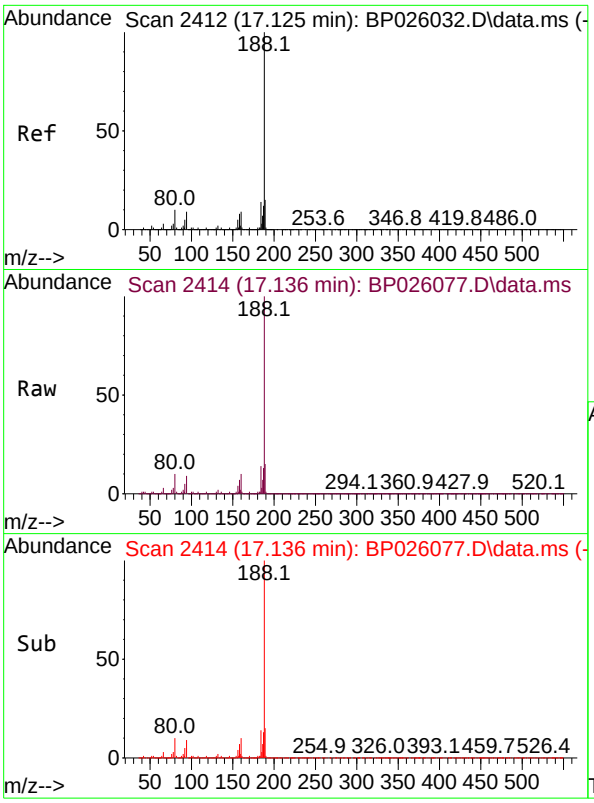


#45
2-Fluorobiphenyl
Concen: 83.629 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion:172 Resp: 4073635

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	23.8	19.0	28.4



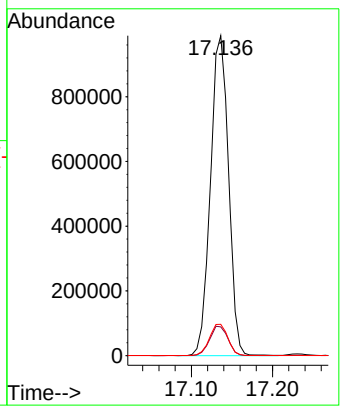


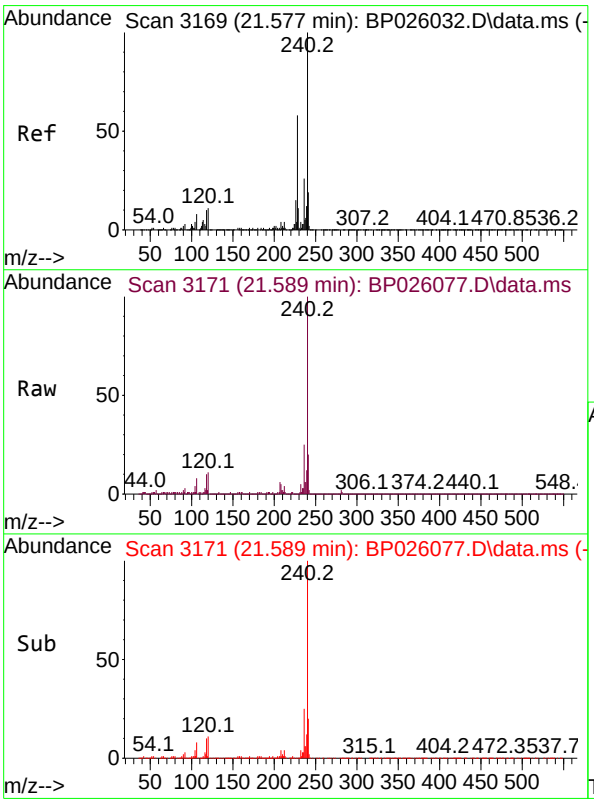
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.136 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Tgt Ion:188 Resp: 1528535

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.8	7.9	11.9

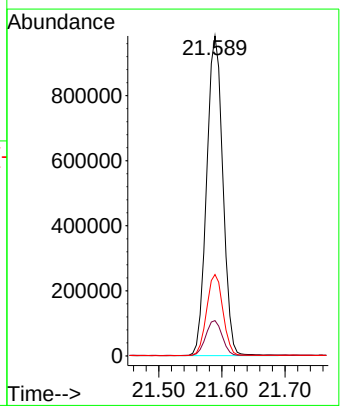


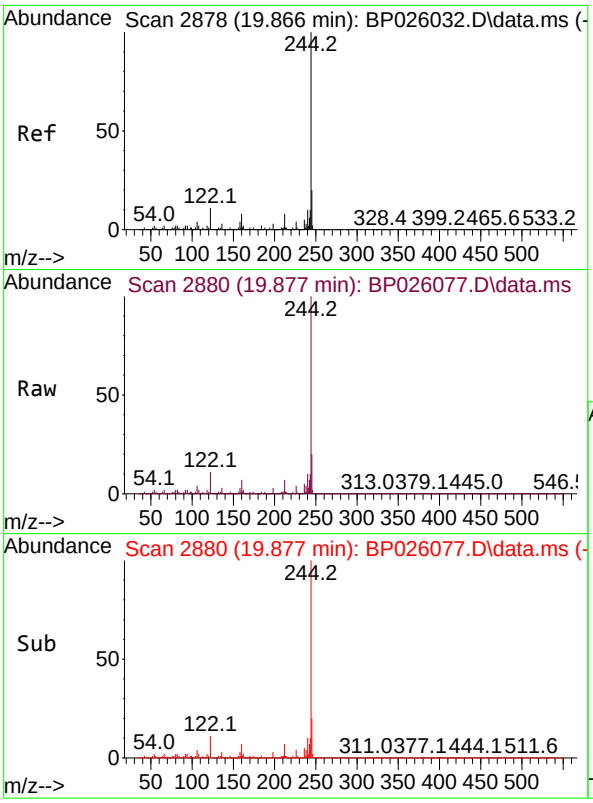


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. 0.024 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion:240 Resp: 1747812

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	25.4	20.6	31.0



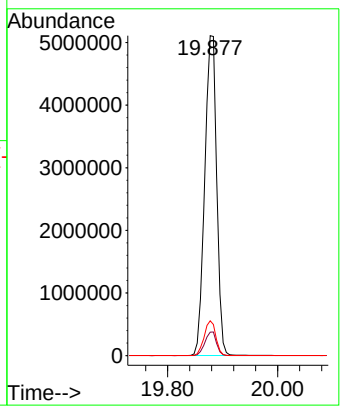


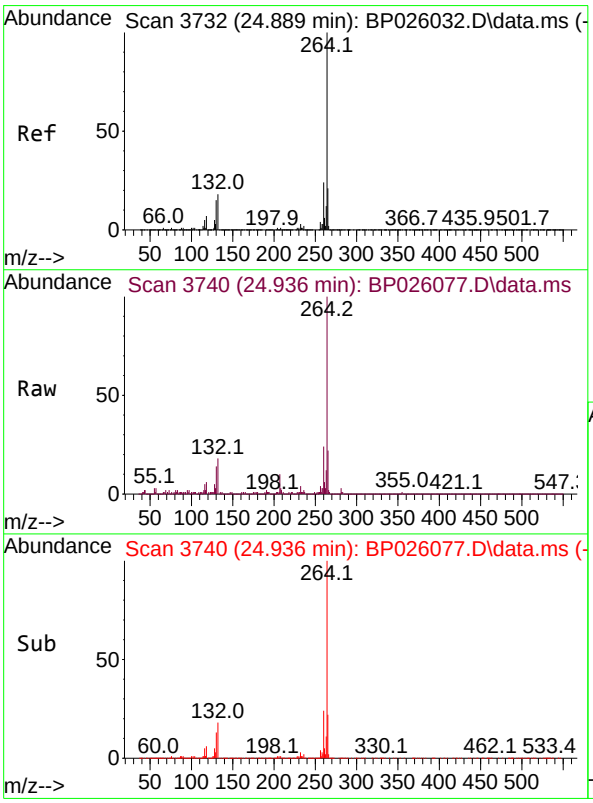
#79
Terphenyl-d14
Concen: 89.529 ng
RT: 19.877 min Scan# 28
Delta R.T. 0.012 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Tgt Ion:244 Resp: 7701953

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

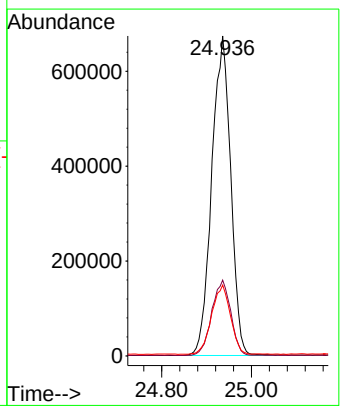




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.936 min Scan# 3740
Delta R.T. 0.053 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion:264 Resp: 1979388

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	22.1	17.2	25.8



Sample Results: **BP026077.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170424BL

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: BP026077.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.272	390	397	411	rBV	5225583	7813506	37.86%	9.495%
2	6.831	654	662	676	rBV	4868587	7797066	37.78%	9.475%
3	7.660	795	803	811	rVB	1022746	1591887	7.71%	1.935%
4	8.795	987	996	1006	rBV	2880051	4866773	23.58%	5.914%
5	10.437	1266	1275	1287	rVB	1235166	2153237	10.43%	2.617%
6	12.913	1688	1696	1709	rBV	6875094	11469039	55.57%	13.938%
7	14.307	1927	1933	1943	rBV	1945595	2908102	14.09%	3.534%
8	15.836	2185	2193	2208	rBV	5417814	9565685	46.35%	11.625%
9	17.136	2406	2414	2425	rBV2	2381214	3736978	18.11%	4.541%
10	19.877	2874	2880	2888	rBV	13758790	20637705	100.00%	25.080%
11	21.589	3165	3171	3178	rBV2	2600389	4672550	22.64%	5.678%
12	24.936	3731	3740	3749	rVB	1761078	5076248	24.60%	6.169%

Sum of corrected areas: 82288776

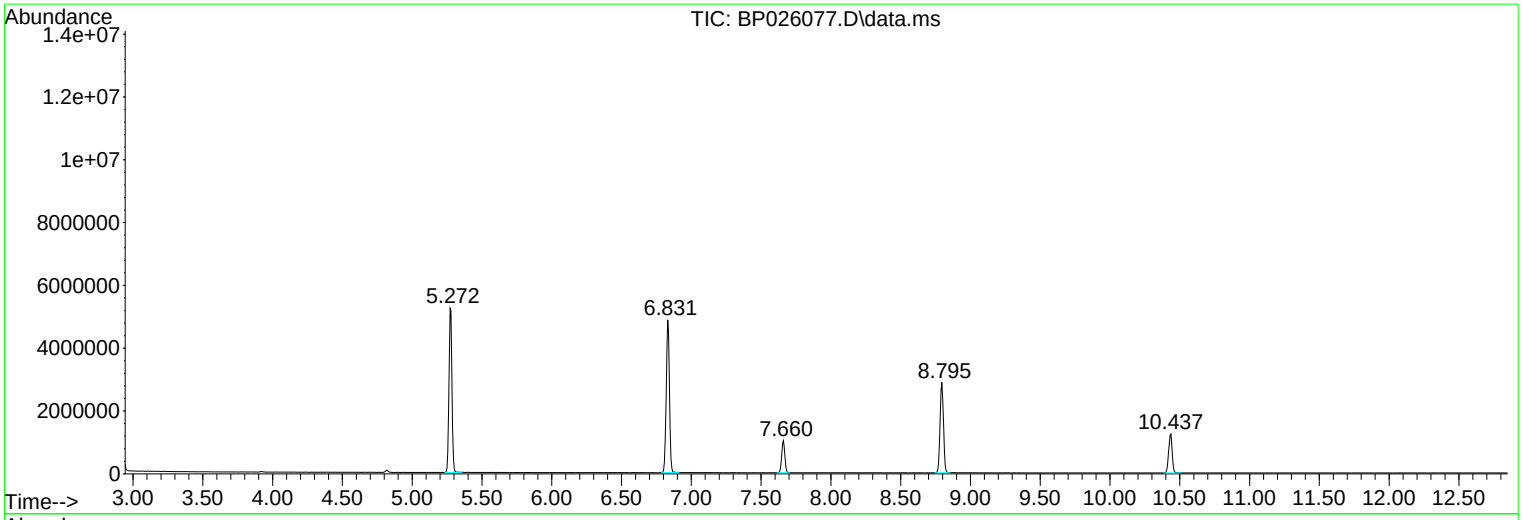
Sample Results: **BP026077.D**

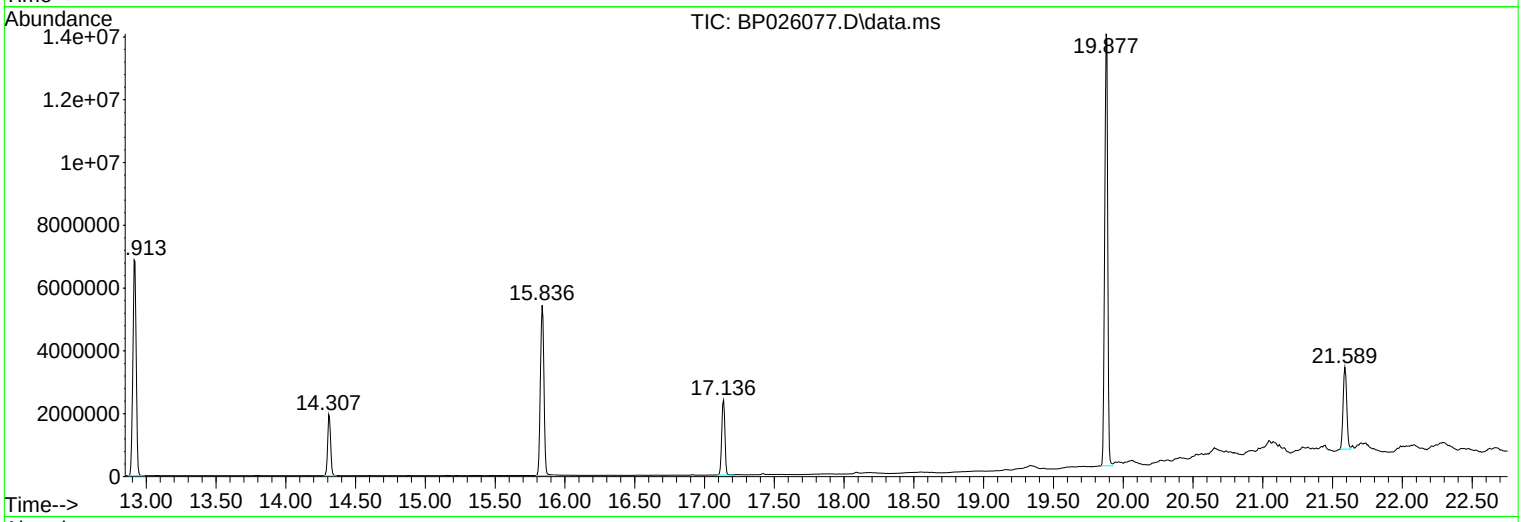
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

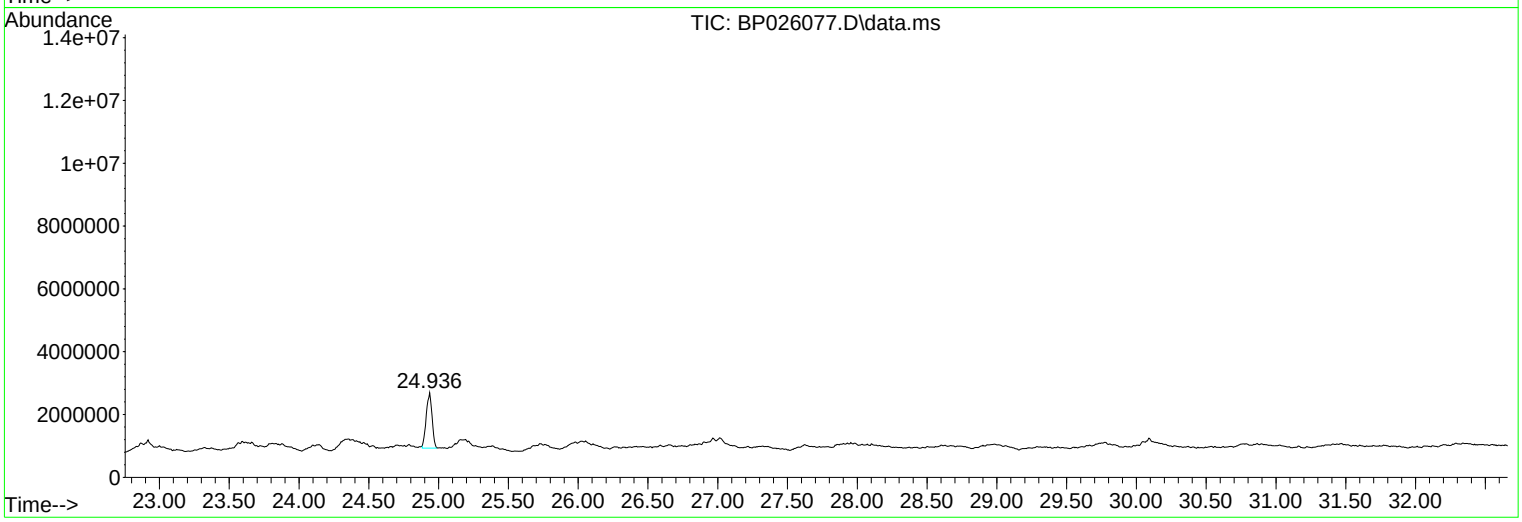
Instrument :
BNA_P
ClientSampleId :
PB170424BL

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\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170424BL

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

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170424BL

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026078.D
Acq On : 06 Nov 2025 14:54
Operator : RC/JU
Sample : PB170424BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 15:21:15 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

Instrument :
BNA_P
ClientSampleId :
PB170424BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	267481	20.000	ng		-0.01
21) Naphthalene-d8	10.449	136	1101025	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	743151	20.000	ng		0.00
64) Phenanthrene-d10	17.137	188	1605700	20.000	ng		0.01
76) Chrysene-d12	21.589	240	1768366	20.000	ng		0.02
86) Perylene-d12	24.918	264	1900235	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	2134431	131.674	ng		0.00
7) Phenol-d6	6.855	99	2739608	132.783	ng		0.00
23) Nitrobenzene-d5	8.819	82	1516048	85.838	ng		0.00
42) 2,4,6-Tribromophenol	15.848	330	1259976	156.827	ng		0.02
45) 2-Fluorobiphenyl	12.925	172	3989141	77.132	ng		0.00
79) Terphenyl-d14	19.878	244	7274300	83.575	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	228695	33.466	ng		98
3) Pyridine	3.614	79	625068	32.176	ng		98
4) n-Nitrosodimethylamine	3.525	42	319759	41.069	ng		94
6) Aniline	7.008	93	958128	34.796	ng		100
8) 2-Chlorophenol	7.249	128	858954	47.852	ng		99
9) Benzaldehyde	6.825	77	345997	32.260	ng		95
10) Phenol	6.884	94	1066604	46.566	ng		99
11) bis(2-Chloroethyl)ether	7.108	93	753091	41.661	ng		100
12) 1,3-Dichlorobenzene	7.572	146	868572	42.134	ng		99
13) 1,4-Dichlorobenzene	7.713	146	892245	42.809	ng		99
14) 1,2-Dichlorobenzene	8.025	146	856556	43.068	ng		98
15) Benzyl Alcohol	7.908	79	710449	47.765	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.208	45	1049272	38.407	ng		98
17) 2-Methylphenol	8.113	107	721030	48.073	ng		99
18) Hexachloroethane	8.755	117	309247	43.360	ng		99
19) n-Nitroso-di-n-propyla...	8.478	70	569930	44.500	ng		98
20) 3+4-Methylphenols	8.437	107	999019	47.878	ng		99
22) Acetophenone	8.490	105	1324713	47.574	ng	#	97
24) Nitrobenzene	8.860	77	831145	44.571	ng		98
25) Isophorone	9.384	82	1671080	44.205	ng		99
26) 2-Nitrophenol	9.560	139	412794	59.463	ng		97
27) 2,4-Dimethylphenol	9.631	122	827301	52.041	ng		99
28) bis(2-Chloroethoxy)met...	9.860	93	1035151	43.449	ng		99
29) 2,4-Dichlorophenol	10.102	162	839860	50.036	ng		100
30) 1,2,4-Trichlorobenzene	10.313	180	821961	45.054	ng		98
31) Naphthalene	10.496	128	2518184	41.941	ng		100
32) Benzoic acid	9.766	122	733850	66.851	ng		96
33) 4-Chloroaniline	10.596	127	687819	29.812	ng		100
34) Hexachlorobutadiene	10.796	225	487756	42.071	ng		98
35) Caprolactam	11.372	113	318793	54.084	ng	#	85
36) 4-Chloro-3-methylphenol	11.737	107	921338	52.361	ng		97
37) 2-Methylnaphthalene	12.119	142	1662385	39.559	ng		99
38) 1-Methylnaphthalene	12.337	142	1745234	42.749	ng		99
40) 1,2,4,5-Tetrachloroben...	12.490	216	1031085	44.654	ng		99
41) Hexachlorocyclopentadiene	12.472	237	1038818	122.960	ng		98
43) 2,4,6-Trichlorophenol	12.731	196	701691	51.412	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026078.D
Acq On : 06 Nov 2025 14:54
Operator : RC/JU
Sample : PB170424BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 15:21:15 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

Instrument :
BNA_P
ClientSampleId :
PB170424BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	784179	50.353	ng	97
46) 1,1'-Biphenyl	13.137	154	2661227	46.767	ng	99
47) 2-Chloronaphthalene	13.178	162	1849030	41.299	ng	98
48) 2-Nitroaniline	13.378	65	565071	48.980	ng	95
49) Acenaphthylene	14.037	152	3262480	49.996	ng	99
50) Dimethylphthalate	13.778	163	2532955	46.858	ng	100
51) 2,6-Dinitrotoluene	13.884	165	540117	53.171	ng	94
52) Acenaphthene	14.390	154	1816312	40.545	ng	99
53) 3-Nitroaniline	14.213	138	458416	38.212	ng	94
54) 2,4-Dinitrophenol	14.431	184	585957	107.212	ng	98
55) Dibenzofuran	14.731	168	2969657	43.876	ng	99
56) 4-Nitrophenol	14.537	139	1146432	106.358	ng	96
57) 2,4-Dinitrotoluene	14.690	165	794705	53.238	ng	90
58) Fluorene	15.390	166	2393222	45.133	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.954	232	707680	57.794	ng	99
60) Diethylphthalate	15.172	149	2591597	47.689	ng	100
61) 4-Chlorophenyl-phenyle...	15.390	204	1171602	44.245	ng	99
62) 4-Nitroaniline	15.401	138	613474	53.110	ng	95
63) Azobenzene	15.690	77	2223930	45.155	ng	97
65) 4,6-Dinitro-2-methylph...	15.472	198	399647	57.808	ng	95
66) n-Nitrosodiphenylamine	15.601	169	2194244	43.706	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	772035	43.345	ng	99
68) Hexachlorobenzene	16.419	284	897305	44.254	ng	98
69) Atrazine	16.595	200	860965	50.836	ng	99
70) Pentachlorophenol	16.772	266	1435012	115.866	ng	100
71) Phenanthrene	17.178	178	4032543	43.147	ng	100
72) Anthracene	17.266	178	4104031	44.300	ng	99
73) Carbazole	17.548	167	4027600	45.927	ng	99
74) Di-n-butylphthalate	18.148	149	4830149	49.223	ng	99
75) Fluoranthene	19.272	202	5051062	46.331	ng	99
77) Benzidine	19.460	184	1695764	37.780	ng	99
78) Pyrene	19.648	202	5228032	43.712	ng	99
80) Butylbenzylphthalate	20.613	149	2362622	52.562	ng	98
81) Benzo(a)anthracene	21.566	228	5354112	44.060	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	1541201	39.364	ng	99
83) Chrysene	21.636	228	4930677	42.834	ng	100
84) Bis(2-ethylhexyl)phtha...	21.530	149	3492262	48.947	ng	98
85) Di-n-octyl phthalate	22.807	149	6106180	58.006	ng	97
87) Indeno(1,2,3-cd)pyrene	28.689	276	6667852m	47.529	ng	
88) Benzo(b)fluoranthene	23.854	252	5544570	47.002	ng	99
89) Benzo(k)fluoranthene	23.936	252	5471101	45.417	ng	100
90) Benzo(a)pyrene	24.754	252	5303300	48.935	ng	99
91) Dibenzo(a,h)anthracene	28.789	278	5511788	48.279	ng	99
92) Benzo(g,h,i)perylene	29.865	276	5388220	49.046	ng	98

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

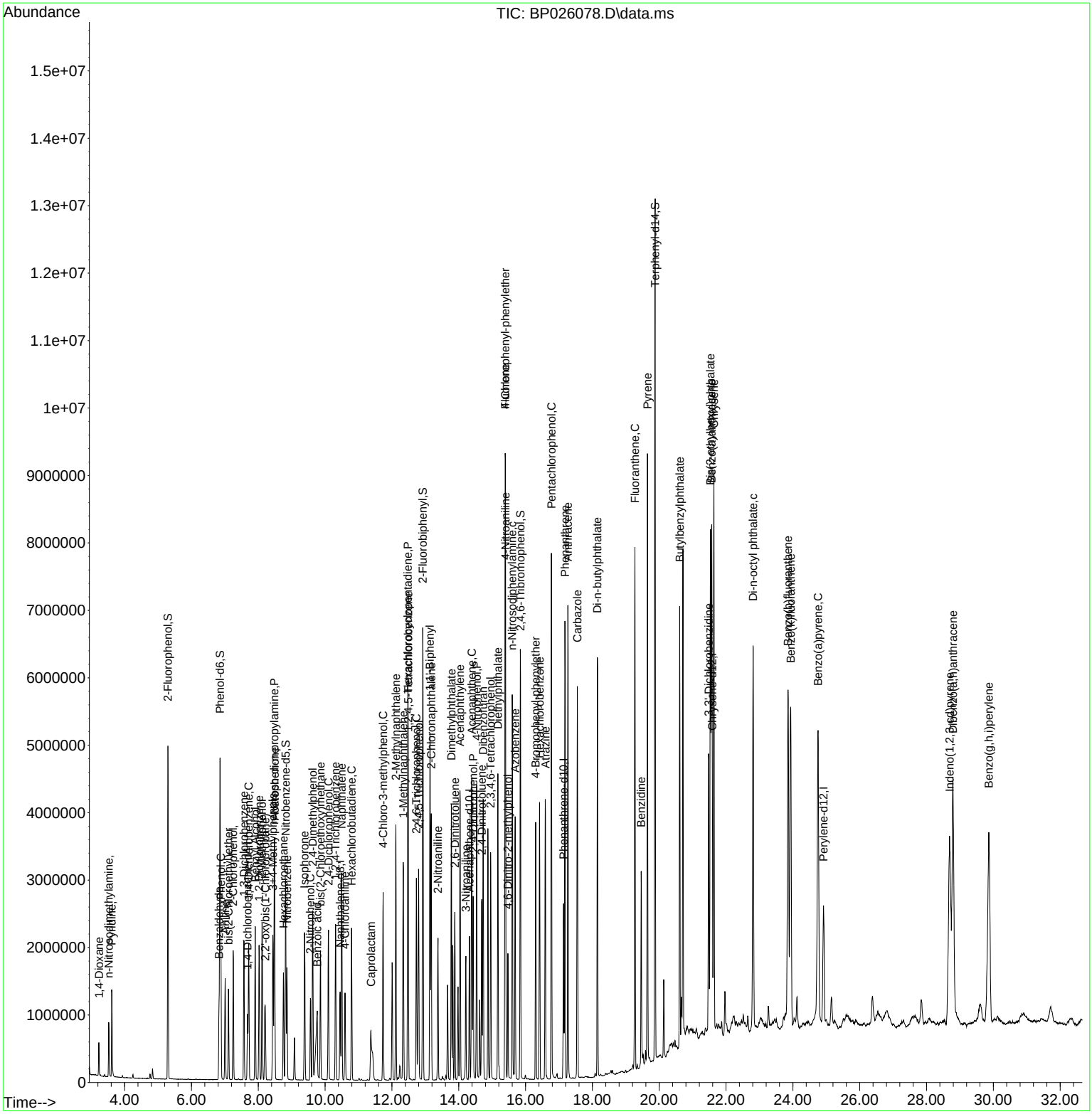
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026078.D
Acq On : 06 Nov 2025 14:54
Operator : RC/JU
Sample : PB170424BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 15:21:15 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

Instrument :
BNA_P
ClientSampleId :
PB170424BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026079.D
Acq On : 06 Nov 2025 15:35
Operator : RC/JU
Sample : PB170424BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 06 16:12:58 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

Instrument :
BNA_P
ClientSampleId :
PB170424BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	300293	20.000	ng		0.00
21) Naphthalene-d8	10.454	136	1260021	20.000	ng		0.00
39) Acenaphthene-d10	14.325	164	853804	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	1821988	20.000	ng		0.00
76) Chrysene-d12	21.571	240	1872003	20.000	ng		0.00
86) Perylene-d12	24.895	264	1998604	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.302	112	2407721	132.303	ng		0.00
7) Phenol-d6	6.860	99	3111525	134.331	ng		0.00
23) Nitrobenzene-d5	8.819	82	1740695	86.121	ng		0.00
42) 2,4,6-Tribromophenol	15.836	330	1432494	155.192	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	4550227	76.579	ng		0.00
79) Terphenyl-d14	19.872	244	7828262	84.960	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	252458	32.907	ng		98
3) Pyridine	3.614	79	695094	31.871	ng		97
4) n-Nitrosodimethylamine	3.525	42	354902	40.602	ng		91
6) Aniline	7.013	93	1091236	35.299	ng		99
8) 2-Chlorophenol	7.249	128	980493	48.655	ng		97
9) Benzaldehyde	6.825	77	396545	32.933	ng		99
10) Phenol	6.884	94	1207329	46.950	ng		99
11) bis(2-Chloroethyl)ether	7.107	93	846976	41.735	ng		100
12) 1,3-Dichlorobenzene	7.572	146	979064	42.305	ng		99
13) 1,4-Dichlorobenzene	7.719	146	1005636	42.977	ng		99
14) 1,2-Dichlorobenzene	8.031	146	973373	43.594	ng		99
15) Benzyl Alcohol	7.913	79	815169	48.817	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.207	45	1205373	39.300	ng		97
17) 2-Methylphenol	8.119	107	828132	49.180	ng		99
18) Hexachloroethane	8.749	117	350060	43.719	ng		98
19) n-Nitroso-di-n-propyla...	8.478	70	652661	45.391	ng		98
20) 3+4-Methylphenols	8.437	107	1147915	49.003	ng		99
22) Acetophenone	8.490	105	1508040	47.323	ng	#	97
24) Nitrobenzene	8.860	77	949232	44.480	ng		98
25) Isophorone	9.390	82	1899192	43.899	ng		100
26) 2-Nitrophenol	9.566	139	483675	60.817	ng		97
27) 2,4-Dimethylphenol	9.631	122	942767	51.821	ng		99
28) bis(2-Chloroethoxy)met...	9.866	93	1186049	43.501	ng		100
29) 2,4-Dichlorophenol	10.101	162	971363	50.568	ng		99
30) 1,2,4-Trichlorobenzene	10.319	180	942195	45.127	ng		97
31) Naphthalene	10.501	128	2877193	41.874	ng		100
32) Benzoic acid	9.772	122	845596	67.173	ng		95
33) 4-Chloroaniline	10.601	127	779125	29.508	ng		100
34) Hexachlorobutadiene	10.796	225	556926	41.975	ng		98
35) Caprolactam	11.372	113	360818m	53.490	ng		
36) 4-Chloro-3-methylphenol	11.731	107	1061481	52.714	ng		99
37) 2-Methylnaphthalene	12.119	142	1919899	39.922	ng		99
38) 1-Methylnaphthalene	12.337	142	1982527	42.433	ng		98
40) 1,2,4,5-Tetrachloroben...	12.495	216	1205103	45.426	ng		99
41) Hexachlorocyclopentadiene	12.484	237	1209033	124.561	ng		97
43) 2,4,6-Trichlorophenol	12.731	196	815265	51.992	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026079.D
Acq On : 06 Nov 2025 15:35
Operator : RC/JU
Sample : PB170424BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 06 16:12:58 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

Instrument :
BNA_P
ClientSampleId :
PB170424BSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.807	196	917274	51.266	ng		98
46) 1,1'-Biphenyl	13.142	154	3049794	46.650	ng		99
47) 2-Chloronaphthalene	13.184	162	2112935	41.078	ng		99
48) 2-Nitroaniline	13.378	65	658887	49.667	ng		94
49) Acenaphthylene	14.037	152	3645640	48.628	ng		100
50) Dimethylphthalate	13.778	163	2927654	47.141	ng		100
51) 2,6-Dinitrotoluene	13.889	165	629781	53.919	ng		93
52) Acenaphthene	14.389	154	2107035	40.939	ng		99
53) 3-Nitroaniline	14.219	138	533574	38.678	ng	#	97
54) 2,4-Dinitrophenol	14.425	184	696443	109.641	ng		97
55) Dibenzofuran	14.731	168	3388704	43.579	ng		99
56) 4-Nitrophenol	14.542	139	1292340	104.356	ng		97
57) 2,4-Dinitrotoluene	14.689	165	898072	52.416	ng		91
58) Fluorene	15.389	166	2689532	44.148	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	813480	57.824	ng		99
60) Diethylphthalate	15.172	149	2969874	47.567	ng		100
61) 4-Chlorophenyl-phenyle...	15.395	204	1330487	43.733	ng		98
62) 4-Nitroaniline	15.401	138	688459	51.877	ng		96
63) Azobenzene	15.695	77	2508347	44.329	ng		96
65) 4,6-Dinitro-2-methylph...	15.466	198	471257	59.474	ng		92
66) n-Nitrosodiphenylamine	15.607	169	2503020	43.938	ng		99
67) 4-Bromophenyl-phenylether	16.307	248	892025	44.137	ng		98
68) Hexachlorobenzene	16.425	284	1021133	44.383	ng		97
69) Atrazine	16.589	200	967981	50.370	ng		99
70) Pentachlorophenol	16.772	266	1628665	115.892	ng		100
71) Phenanthrene	17.172	178	4480675	42.251	ng		99
72) Anthracene	17.272	178	4659290	44.323	ng		99
73) Carbazole	17.548	167	4429412	44.513	ng		99
74) Di-n-butylphthalate	18.166	149	5463574	49.068	ng		99
75) Fluoranthene	19.272	202	5547129	44.841	ng		98
77) Benzidine	19.466	184	1936772	40.760	ng		99
78) Pyrene	19.648	202	5719749	45.175	ng		99
80) Butylbenzylphthalate	20.613	149	2570878	53.934	ng		96
81) Benzo(a)anthracene	21.554	228	5596910	43.509	ng		99
82) 3,3'-Dichlorobenzidine	21.483	252	1654362	39.915	ng		100
83) Chrysene	21.624	228	5341240	43.832	ng		99
84) Bis(2-ethylhexyl)phtha...	21.524	149	3787769	50.086	ng	#	98
85) Di-n-octyl phthalate	22.801	149	6607119	59.290	ng		98
87) Indeno(1,2,3-cd)pyrene	28.689	276	6952210	47.117	ng		99
88) Benzo(b)fluoranthene	23.860	252	5846575	47.122	ng		99
89) Benzo(k)fluoranthene	23.930	252	5721823	45.161	ng		99
90) Benzo(a)pyrene	24.759	252	5490590	48.170	ng		99
91) Dibenzo(a,h)anthracene	28.765	278	5761092	47.979	ng		99
92) Benzo(g,h,i)perylene	29.865	276	5657726	48.965	ng		99

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

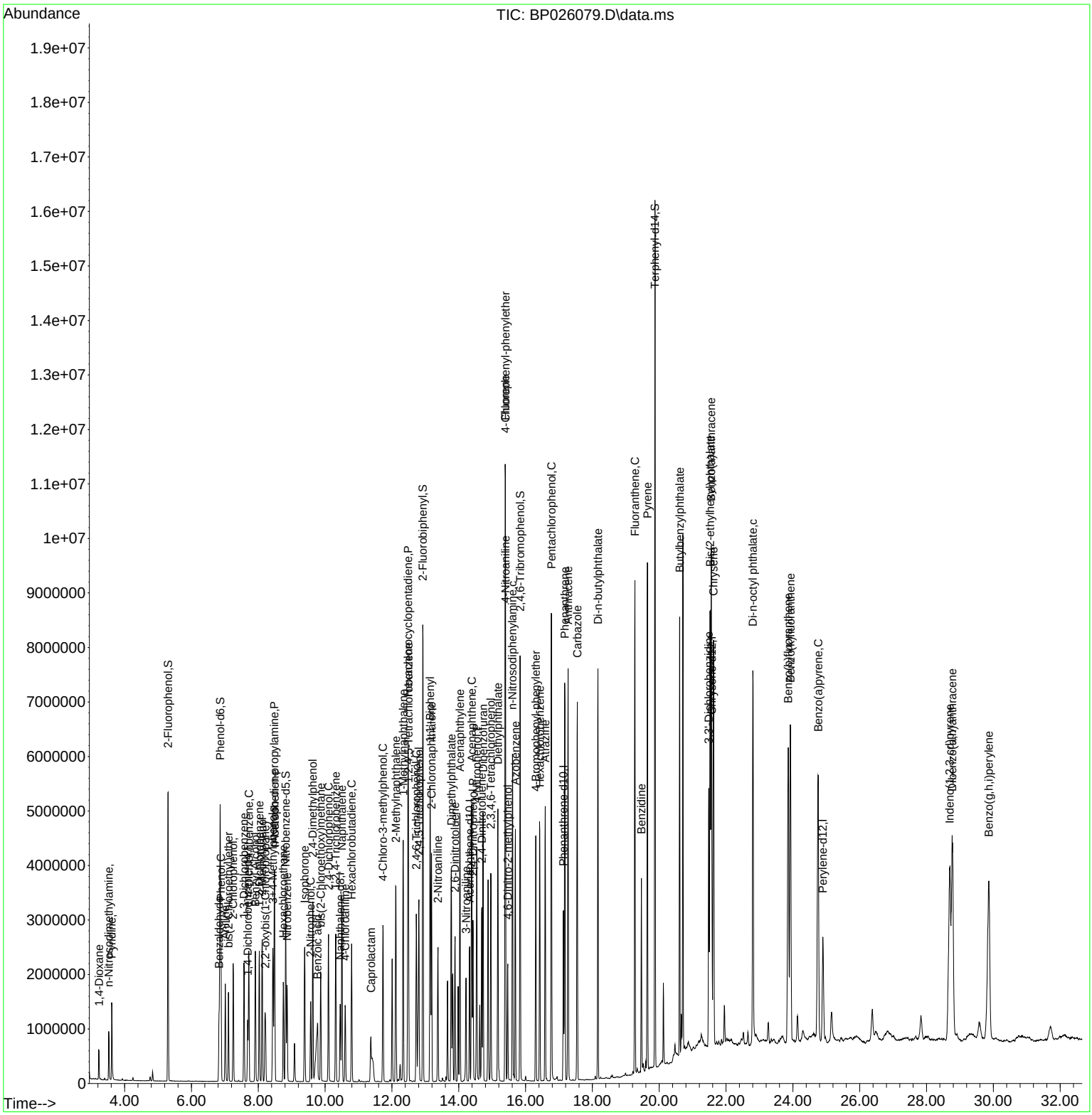
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026079.D
Acq On : 06 Nov 2025 15:35
Operator : RC/JU
Sample : PB170424BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 06 16:12:58 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

Instrument :
BNA_P
ClientSampleId :
PB170424BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



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

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

Manual Integration Report

Sequence:	BF110625	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3534-02	BF144191.D	2,6-Dinitrotoluene	rahul	11/7/2025 2:34:54 PM	Jagrut	11/10/2025 2:03:57 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BG102425	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064570.D	1,4-Dichlorobenzene	rahul	10/27/2025 8:32:20 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC005	BG064570.D	1-Methylnaphthalene	rahul	10/27/2025 8:32:20 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC010	BG064571.D	Benzoic acid	rahul	10/27/2025 8:32:22 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC020	BG064572.D	Benzoic acid	rahul	10/27/2025 8:32:28 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICCC040	BG064573.D	Benzoic acid	rahul	10/27/2025 8:33:01 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC060	BG064574.D	Benzoic acid	Jagrut	11/4/2025 3:47:57 PM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC080	BG064575.D	Benzoic acid	Jagrut	11/4/2025 3:48:00 PM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC050	BG064576.D	Benzoic acid	rahul	10/27/2025 8:33:12 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BG110625	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BG064699.D	Benzoic acid	rahul	11/7/2025 2:35:34 PM	Jagrut	11/10/2025 2:05:11 PM	Peak Integrated by Software

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

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

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

Manual Integration Report

Sequence:	BP110625	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP026076.D	Benzoic acid	rahul	11/7/2025 2:36:21 PM	Jagrut	11/10/2025 2:04:25 PM	Peak Integrated by Software
PB170424BS	BP026078.D	Indeno(1,2,3-cd)pyrene	rahul	11/7/2025 2:36:23 PM	Jagrut	11/10/2025 2:04:31 PM	Peak Integrated by Software
PB170424BSD	BP026079.D	Caprolactam	rahul	11/7/2025 2:36:26 PM	Jagrut	11/10/2025 2:04:36 PM	Peak Integrated by Software

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 # 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 # BF110625

Review By	rahul	Review On	11/6/2025 3:51:49 PM				
Supervise By	Jagrut	Supervise On	11/10/2025 2:04:15 PM				
SubDirectory	BF110625	HP Acquire Method	BNA_P		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	BF144179.D	06 Nov 2025 10:44	RC/JU	Ok
2	SSTDCCC040	BF144180.D	06 Nov 2025 11:13	RC/JU	Ok
3	PB170402BL	BF144181.D	06 Nov 2025 11:42	RC/JU	Ok
4	PB170402BS	BF144182.D	06 Nov 2025 12:12	RC/JU	Ok,M
5	Q3549-02	BF144183.D	06 Nov 2025 12:56	RC/JU	Ok
6	Q3537-01	BF144184.D	06 Nov 2025 13:26	RC/JU	Ok
7	Q3532-01	BF144185.D	06 Nov 2025 13:56	RC/JU	Ok
8	Q3532-05	BF144186.D	06 Nov 2025 14:25	RC/JU	Ok
9	Q3532-05MS	BF144187.D	06 Nov 2025 14:55	RC/JU	Ok,M
10	Q3532-05MSD	BF144188.D	06 Nov 2025 15:25	RC/JU	Ok,M
11	Q3541-01	BF144189.D	06 Nov 2025 15:54	RC/JU	Ok
12	Q3534-01	BF144190.D	06 Nov 2025 16:24	RC/JU	ReRun
13	Q3534-02	BF144191.D	06 Nov 2025 16:54	RC/JU	Ok,M
14	Q3534-05	BF144192.D	06 Nov 2025 17:24	RC/JU	Ok
15	Q3552-03	BF144193.D	06 Nov 2025 17:53	RC/JU	Ok
16	Q3552-05	BF144194.D	06 Nov 2025 18:23	RC/JU	Ok
17	Q3532-08	BF144195.D	06 Nov 2025 18:53	RC/JU	Ok
18	Q3544-04	BF144196.D	06 Nov 2025 19:23	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM				
Supervise By	mohammad	Supervise On	11/5/2025 12:11:16 AM				
SubDirectory	BG102425	HP Acquire Method	BNA_G		HP Processing Method	BG102425	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064568.D	24 Oct 2025 8:20	RC/JU	Ok
2	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00	RC/JU	Ok
3	SSTDICC005	BG064570.D	24 Oct 2025 9:41	RC/JU	Ok,M
4	SSTDICC010	BG064571.D	24 Oct 2025 11:02	RC/JU	Ok,M
5	SSTDICC020	BG064572.D	24 Oct 2025 12:23	RC/JU	Ok,M
6	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	RC/JU	Ok,M
7	SSTDICC060	BG064574.D	24 Oct 2025 13:44	RC/JU	Ok,M
8	SSTDICC080	BG064575.D	24 Oct 2025 14:24	RC/JU	Ok,M
9	SSTDICC050	BG064576.D	24 Oct 2025 15:32	RC/JU	Ok,M
10	SSTDICV040	BG064577.D	24 Oct 2025 16:47	RC/JU	Ok
11	PB170222BL	BG064578.D	24 Oct 2025 17:28	RC/JU	Not Ok
12	Q3405-02	BG064579.D	24 Oct 2025 18:08	RC/JU	Ok
13	Q3405-03	BG064580.D	24 Oct 2025 18:49	RC/JU	Ok
14	Q3405-04	BG064581.D	24 Oct 2025 19:30	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG110625

Review By	rahul	Review On	11/6/2025 3:55:54 PM				
Supervise By	Jagrut	Supervise On	11/10/2025 2:06:55 PM				
SubDirectory	BG110625	HP Acquire Method	BNA_G		HP Processing Method	BG102425	

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	BG064698.D	6 Nov 2025 11:32	RC/JU	Ok
2	SSTDCCC040	BG064699.D	6 Nov 2025 12:13	RC/JU	Ok,M
3	PB170421BL	BG064700.D	6 Nov 2025 12:54	RC/JU	Ok
4	PB170421BS	BG064701.D	6 Nov 2025 13:35	RC/JU	Ok,M
5	Q3546-01	BG064702.D	6 Nov 2025 14:25	RC/JU	Ok
6	Q3544-01	BG064703.D	6 Nov 2025 15:06	RC/JU	Ok
7	Q3544-01MS	BG064704.D	6 Nov 2025 15:47	RC/JU	Ok,M
8	Q3544-01MSD	BG064705.D	6 Nov 2025 16:28	RC/JU	Ok,M
9	Q3534-07	BG064706.D	6 Nov 2025 17:09	RC/JU	Ok
10	Q3537-02	BG064707.D	6 Nov 2025 17:50	RC/JU	Not Ok
11	Q3532-04	BG064708.D	6 Nov 2025 18:30	RC/JU	Ok
12	Q3532-04MS	BG064709.D	6 Nov 2025 19:11	RC/JU	Ok,M
13	Q3532-04MSD	BG064710.D	6 Nov 2025 19:52	RC/JU	Ok,M
14	Q3534-01	BG064711.D	6 Nov 2025 20:33	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 # BP110625

Review By	rahul	Review On	11/6/2025 3:53:26 PM				
Supervise By	Jagrut	Supervise On	11/10/2025 2:04:52 PM				
SubDirectory	BP110625	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	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	BP026075.D	06 Nov 2025 12:44	RC/JU	Ok
2	SSTDCCC040	BP026076.D	06 Nov 2025 13:25	RC/JU	Ok,M
3	PB170424BL	BP026077.D	06 Nov 2025 14:13	RC/JU	Ok
4	PB170424BS	BP026078.D	06 Nov 2025 14:54	RC/JU	Ok,M
5	PB170424BSD	BP026079.D	06 Nov 2025 15:35	RC/JU	Ok,M
6	Q3534-09	BP026080.D	06 Nov 2025 17:04	RC/JU	Ok
7	Q3534-10	BP026081.D	06 Nov 2025 17:45	RC/JU	Ok
8	Q3534-03	BP026082.D	06 Nov 2025 18:26	RC/JU	Ok
9	Q3534-04	BP026083.D	06 Nov 2025 19:07	RC/JU	Ok
10	Q3534-06	BP026084.D	06 Nov 2025 19:48	RC/JU	Ok
11	Q3537-03	BP026085.D	06 Nov 2025 20:30	RC/JU	Ok
12	Q3552-01	BP026086.D	06 Nov 2025 21:11	RC/JU	Ok
13	Q3552-02	BP026087.D	06 Nov 2025 21:52	RC/JU	Ok
14	Q3552-04	BP026088.D	06 Nov 2025 22:33	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 # BF110625

Review By	rahul	Review On	11/6/2025 3:51:49 PM		
Supervise By	Jagrut	Supervise On	11/10/2025 2:04:15 PM		
SubDirectory	BF110625	HP Acquire Method	BNA_P	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	BF144179.D	06 Nov 2025 10:44		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144180.D	06 Nov 2025 11:13		RC/JU	Ok
3	PB170402BL	PB170402BL	BF144181.D	06 Nov 2025 11:42		RC/JU	Ok
4	PB170402BS	PB170402BS	BF144182.D	06 Nov 2025 12:12		RC/JU	Ok,M
5	Q3549-02	RT4922	BF144183.D	06 Nov 2025 12:56		RC/JU	Ok
6	Q3537-01	MW-17-SOIL	BF144184.D	06 Nov 2025 13:26		RC/JU	Ok
7	Q3532-01	TP-1	BF144185.D	06 Nov 2025 13:56		RC/JU	Ok
8	Q3532-05	TP-2	BF144186.D	06 Nov 2025 14:25		RC/JU	Ok
9	Q3532-05MS	TP-2MS	BF144187.D	06 Nov 2025 14:55		RC/JU	Ok,M
10	Q3532-05MSD	TP-2MSD	BF144188.D	06 Nov 2025 15:25		RC/JU	Ok,M
11	Q3541-01	N48969	BF144189.D	06 Nov 2025 15:54		RC/JU	Ok
12	Q3534-01	MW-6	BF144190.D	06 Nov 2025 16:24	Internal standard fail	RC/JU	ReRun
13	Q3534-02	MW-1	BF144191.D	06 Nov 2025 16:54		RC/JU	Ok,M
14	Q3534-05	MW-EB-1	BF144192.D	06 Nov 2025 17:24		RC/JU	Ok
15	Q3552-03	MW-9	BF144193.D	06 Nov 2025 17:53		RC/JU	Ok
16	Q3552-05	MW-3	BF144194.D	06 Nov 2025 18:23		RC/JU	Ok
17	Q3532-08	TP-2	BF144195.D	06 Nov 2025 18:53		RC/JU	Ok
18	Q3544-04	ONYX-1	BF144196.D	06 Nov 2025 19:23		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF110625

Review By	rahul	Review On	11/6/2025 3:51:49 PM		
Supervise By	Jagrut	Supervise On	11/10/2025 2:04:15 PM		
SubDirectory	BF110625	HP Acquire Method	BNA_P	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	

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM		
Supervise By	mohammad	Supervise On	11/5/2025 12:11:16 AM		
SubDirectory	BG102425	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/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	BG064568.D	24 Oct 2025 8:20		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064570.D	24 Oct 2025 9:41		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064571.D	24 Oct 2025 11:02		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BG064572.D	24 Oct 2025 12:23	Compound #32 kept on QR	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	Compound #26,48,51,54,57,65 are kept on LR	RC/JU	Ok,M
7	SSTDICC060	SSTDICC060	BG064574.D	24 Oct 2025 13:44		RC/JU	Ok,M
8	SSTDICC080	SSTDICC080	BG064575.D	24 Oct 2025 14:24		RC/JU	Ok,M
9	SSTDICC050	SSTDICC050	BG064576.D	24 Oct 2025 15:32		RC/JU	Ok,M
10	SSTDICV040	ICVBG102425	BG064577.D	24 Oct 2025 16:47	compound #77 failed in the ICV.	RC/JU	Ok
11	PB170222BL	PB170222BL	BG064578.D	24 Oct 2025 17:28	Analyzed for contamination check	RC/JU	Not Ok
12	Q3405-02	PAD-10-20-25-B	BG064579.D	24 Oct 2025 18:08		RC/JU	Ok
13	Q3405-03	PAD-10-20-25-C	BG064580.D	24 Oct 2025 18:49		RC/JU	Ok
14	Q3405-04	SW-10-20-25	BG064581.D	24 Oct 2025 19:30		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG110625

Review By	rahul	Review On	11/6/2025 3:55:54 PM		
Supervise By	Jagrut	Supervise On	11/10/2025 2:06:55 PM		
SubDirectory	BG110625	HP Acquire Method	BNA_G	HP Processing Method	BG102425

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	BG064698.D	6 Nov 2025 11:32		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064699.D	6 Nov 2025 12:13	CCC fail high side for com. #23,26,34,42,43,51,57,59 and #65	RC/JU	Ok,M
3	PB170421BL	PB170421BL	BG064700.D	6 Nov 2025 12:54		RC/JU	Ok
4	PB170421BS	PB170421BS	BG064701.D	6 Nov 2025 13:35		RC/JU	Ok,M
5	Q3546-01	TP-COMP	BG064702.D	6 Nov 2025 14:25		RC/JU	Ok
6	Q3544-01	ONYX-1	BG064703.D	6 Nov 2025 15:06		RC/JU	Ok
7	Q3544-01MS	ONYX-1MS	BG064704.D	6 Nov 2025 15:47		RC/JU	Ok,M
8	Q3544-01MSD	ONYX-1MSD	BG064705.D	6 Nov 2025 16:28		RC/JU	Ok,M
9	Q3534-07	MW-EB-3	BG064706.D	6 Nov 2025 17:09		RC/JU	Ok
10	Q3537-02	MW-17-SOIL	BG064707.D	6 Nov 2025 17:50	Internal standard not added	RC/JU	Not Ok
11	Q3532-04	TP-1	BG064708.D	6 Nov 2025 18:30		RC/JU	Ok
12	Q3532-04MS	TP-1MS	BG064709.D	6 Nov 2025 19:11		RC/JU	Ok,M
13	Q3532-04MSD	TP-1MSD	BG064710.D	6 Nov 2025 19:52		RC/JU	Ok,M
14	Q3534-01	MW-6	BG064711.D	6 Nov 2025 20:33		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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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP110625

Review By	rahul	Review On	11/6/2025 3:53:26 PM		
Supervise By	Jagrut	Supervise On	11/10/2025 2:04:52 PM		
SubDirectory	BP110625	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	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	BP026075.D	06 Nov 2025 12:44		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026076.D	06 Nov 2025 13:25	CCC Fail high for Com#26,32,41,42,54,59,65,70 Need #85	RC/JU	Ok,M
3	PB170424BL	PB170424BL	BP026077.D	06 Nov 2025 14:13		RC/JU	Ok
4	PB170424BS	PB170424BS	BP026078.D	06 Nov 2025 14:54		RC/JU	Ok,M
5	PB170424BSD	PB170424BSD	BP026079.D	06 Nov 2025 15:35		RC/JU	Ok,M
6	Q3534-09	FB-1	BP026080.D	06 Nov 2025 17:04	Split volume (True value adjusted).	RC/JU	Ok
7	Q3534-10	EB-1	BP026081.D	06 Nov 2025 17:45	Split volume (True value adjusted).	RC/JU	Ok
8	Q3534-03	MW-11	BP026082.D	06 Nov 2025 18:26		RC/JU	Ok
9	Q3534-04	MW-5	BP026083.D	06 Nov 2025 19:07		RC/JU	Ok
10	Q3534-06	MW-EB-2	BP026084.D	06 Nov 2025 19:48		RC/JU	Ok
11	Q3537-03	MW-17-PURGE-WATEI	BP026085.D	06 Nov 2025 20:30		RC/JU	Ok
12	Q3552-01	MW-4	BP026086.D	06 Nov 2025 21:11		RC/JU	Ok
13	Q3552-02	MW-8	BP026087.D	06 Nov 2025 21:52		RC/JU	Ok
14	Q3552-04	MW-10	BP026088.D	06 Nov 2025 22:33		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170424

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3953

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 11/06/2025

Extraction Start Time : 08:35

Extraction End Date : 11/06/2025

Extraction End Time : 13:35

Concentration By: EH

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. Q3534-09 & 10 split the volume.

KD Bath ID: WATER BATH-1

KD Bath Temperature: 60 °C

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/6/25	RS (Ext-Lab)	JH/SVOA
13:40	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170424

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

Concentration Date: 11/06/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170424BL	SBLK424	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB170424BS	SLCS424	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB170424BSD	SLCSD424	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q3534-01	MW-6	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	N		4
Q3534-02	MW-1	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	N		5
Q3534-03	MW-11	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	N		6
Q3534-04	MW-5	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	N		7
Q3534-05	MW-EB-1	SVOC-TCL BNA -20	960	6	RUPESH	ritesh	1	N		8
Q3534-06	MW-EB-2	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	N		9
Q3534-07	MW-EB-3	SVOC-TCL BNA -20	970	6	RUPESH	ritesh	1	N		10
Q3534-09	FB-1	SVOC-TCL BNA -20	500	6	RUPESH	ritesh	0.5	G		11
Q3534-10	EB-1	SVOC-TCL BNA -20	500	6	RUPESH	ritesh	0.5	G		12
Q3537-03	MW-17-PURGE-WATER	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	N		13
Q3541-01	N48969	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	N		14
Q3552-01	MW-4	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		15
Q3552-02	MW-8	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		16
Q3552-03	MW-9	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		SEP-1
Q3552-04	MW-10	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		2
Q3552-05	MW-3	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	N		3

RS
11/6

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

170424
8:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3534 **WorkList ID :** 192932 **Department :** Extraction **Date :** 11-06-2025 08:28:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3534-01	MW-6	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/03/2025	8270E
Q3534-02	MW-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/03/2025	8270E
Q3534-03	MW-11	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/03/2025	8270E
Q3534-04	MW-5	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/03/2025	8270E
Q3534-05	MW-EB-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/04/2025	8270E
Q3534-06	MW-EB-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/03/2025	8270E
Q3534-07	MW-EB-3	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/04/2025	8270E
Q3534-09	FB-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/03/2025	8270E
Q3534-10	EB-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/04/2025	8270E
Q3537-03	MW-17-PURGE-WATER	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02		11/04/2025	8270E
Q3541-01	N48969	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/04/2025	8270E
Q3552-01	MW-4	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/04/2025	8270E
Q3552-02	MW-8	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/04/2025	8270E
Q3552-03	MW-9	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/04/2025	8270E
Q3552-04	MW-10	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/04/2025	8270E
Q3552-05	MW-3	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/04/2025	8270E

Date/Time 11/6/25 8:30
Raw Sample Received by: RS (Ext-lab)
Raw Sample Relinquished by: SM

Date/Time 11/6/25 9:15
Raw Sample Received by: SM
Raw Sample Relinquished by: RS (Ext-lab)

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LAB CHRONICLE

OrderID:	Q3534	**OrderDate:**	11/4/2025 1:29:44 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3534-01	**MW-6**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3534-01DL	**MW-6DL**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/08/25	
Q3534-02	**MW-1**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3534-02DL	**MW-1DL**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/08/25	
Q3534-03	**MW-11**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3534-03DL	**MW-11DL**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/08/25	
Q3534-04	**MW-5**	**Water**			**11/04/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3534-05	**MW-EB-1**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3534-05DL	**MW-EB-1DL**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/10/25	
Q3534-06	**MW-EB-2**	**Water**			**11/04/25**			**11/04/25**

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LAB CHRONICLE

			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3534-07	**MW-EB-3**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3534-09	**FB-1**	**Water**			**11/04/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3534-10	**EB-1**	**Water**			**11/04/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/08/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	