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

Hit Summary Sheet
SW-846

SDG No.: Q3569

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW-2									
Q3569-01	MW-2	WATER	Bis(2-ethylhexyl)phthalate		3.100	J	1.7	5.3	ug/L
Q3569-01	MW-2	WATER	1,4-Dioxane		32.100		1.1	5.3	ug/L
			Total Svoc :		**35.20**				
Q3569-01	MW-2	WATER	2(3H)-Benzothiazolone	*	28.700	J	0	0	ug/L
Q3569-01	MW-2	WATER	2,4,6-Cycloheptatrien-1-one	*	3.000	J	0	0	ug/L
Q3569-01	MW-2	WATER	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	2.700	J	0	0	ug/L
Q3569-01	MW-2	WATER	Benzenamine, N,N-dimethyl-	*	2.600	J	0	0	ug/L
Q3569-01	MW-2	WATER	Benzeneacetamide, .alpha.-ethyl-	*	2.300	J	0	0	ug/L
Q3569-01	MW-2	WATER	Benzophenone	*	10.900	J	0	0	ug/L
Q3569-01	MW-2	WATER	Bicyclo[2.2.1]heptan-2-ol, 2,3,3-t	*	2.600	J	0	0	ug/L
Q3569-01	MW-2	WATER	n-Hexadecanoic acid	*	11.300	J	0	0	ug/L
Q3569-01	MW-2	WATER	Octadecanoic acid	*	2.500	J	0	0	ug/L
Q3569-01	MW-2	WATER	Pentacos-1-ene	*	2.400	J	0	0	ug/L
Q3569-01	MW-2	WATER	1,3-Dithiolane	*	6.300	J	0	0	ug/L
			Total Tics :		**75.30**				
			Total Concentration:		**110.50**				
Client ID : MW-12									
Q3569-02	MW-12	WATER	2-Chlorophenol		2.300	J	0.61	5.3	ug/L
Q3569-02	MW-12	WATER	3+4-Methylphenols		2.800	J	1.2	10.5	ug/L
Q3569-02	MW-12	WATER	Bis(2-ethylhexyl)phthalate		3.000	J	1.7	5.3	ug/L
Q3569-02	MW-12	WATER	1,4-Dioxane		91.600	E	1.1	5.3	ug/L
			Total Svoc :		**99.70**				
Q3569-02	MW-12	WATER	2(3H)-Benzothiazolone	*	200.000	J	0	0	ug/L
Q3569-02	MW-12	WATER	Benzenesulfonamide, N-ethyl-4-m	*	11.900	J	0	0	ug/L
Q3569-02	MW-12	WATER	Benzoic acid, p-tert-butyl-	*	9.100	J	0	0	ug/L
Q3569-02	MW-12	WATER	Bicyclo[2.2.1]heptan-2-ol, 2,3,3-t	*	10.700	J	0	0	ug/L
Q3569-02	MW-12	WATER	Glutethimide	*	48.900	J	0	0	ug/L
Q3569-02	MW-12	WATER	Ibuprofen	*	15.200	J	0	0	ug/L
Q3569-02	MW-12	WATER	n-Hexadecanoic acid	*	6.800	J	0	0	ug/L
Q3569-02	MW-12	WATER	Phenol, 4,4-(1-methylethylidene)b	*	53.900	J	0	0	ug/L
Q3569-02	MW-12	WATER	Phenol, 4-chloro-	*	10.800	J	0	0	ug/L
Q3569-02	MW-12	WATER	Phenol, p-tert-butyl-	*	39.400	J	0	0	ug/L
Q3569-02	MW-12	WATER	Aniline	*	3.300	J	1.6	5.3	ug/L
			Total Tics :		**410.00**				
			Total Concentration:		**509.70**				
Client ID : MW-12DL									
Q3569-02DL	MW-12DL	WATER	1,4-Dioxane		90.400	D	2.1	10.5	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3569

Client: Remington & Vernick Engineers

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
		Total Svoc :	**90.40**				
		Total Concentration:	**90.40**				

SAMPLE DATA

Raw Data: **BP026095.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:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-2	SDG No.:	Q3569
Lab Sample ID:	Q3569-01	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: 11/10/25		

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	11/11/25 18:14	PB170473
108-95-2	Phenol	0.97	U	1	0.97	5.30	ug/L	11/11/25 18:14	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.86	U	1	0.86	5.30	ug/L	11/11/25 18:14	PB170473
95-57-8	2-Chlorophenol	0.62	U	1	0.62	5.30	ug/L	11/11/25 18:14	PB170473
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.30	ug/L	11/11/25 18:14	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1	1.40	5.30	ug/L	11/11/25 18:14	PB170473
98-86-2	Acetophenone	0.79	U	1	0.79	5.30	ug/L	11/11/25 18:14	PB170473
65794-96-9	3+4-Methylphenols	1.20	U	1	1.20	10.6	ug/L	11/11/25 18:14	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.70	ug/L	11/11/25 18:14	PB170473
67-72-1	Hexachloroethane	0.69	U	1	0.69	5.30	ug/L	11/11/25 18:14	PB170473
98-95-3	Nitrobenzene	0.81	U	1	0.81	5.30	ug/L	11/11/25 18:14	PB170473
78-59-1	Isophorone	0.80	U	1	0.80	5.30	ug/L	11/11/25 18:14	PB170473
88-75-5	2-Nitrophenol	1.90	U	1	1.90	5.30	ug/L	11/11/25 18:14	PB170473
105-67-9	2,4-Dimethylphenol	2.00	U	1	2.00	5.30	ug/L	11/11/25 18:14	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.72	U	1	0.72	5.30	ug/L	11/11/25 18:14	PB170473
120-83-2	2,4-Dichlorophenol	0.55	U	1	0.55	5.30	ug/L	11/11/25 18:14	PB170473
91-20-3	Naphthalene	0.53	U	1	0.53	5.30	ug/L	11/11/25 18:14	PB170473
106-47-8	4-Chloroaniline	0.89	UQ	1	0.89	5.30	ug/L	11/11/25 18:14	PB170473
87-68-3	Hexachlorobutadiene	0.57	U	1	0.57	5.30	ug/L	11/11/25 18:14	PB170473
105-60-2	Caprolactam	1.20	U	1	1.20	10.6	ug/L	11/11/25 18:14	PB170473
59-50-7	4-Chloro-3-methylphenol	0.63	U	1	0.63	5.30	ug/L	11/11/25 18:14	PB170473
91-57-6	2-Methylnaphthalene	0.60	U	1	0.60	5.30	ug/L	11/11/25 18:14	PB170473
77-47-4	Hexachlorocyclopentadiene	3.90	U	1	3.90	10.6	ug/L	11/11/25 18:14	PB170473
88-06-2	2,4,6-Trichlorophenol	0.54	U	1	0.54	5.30	ug/L	11/11/25 18:14	PB170473
95-95-4	2,4,5-Trichlorophenol	0.66	U	1	0.66	5.30	ug/L	11/11/25 18:14	PB170473
92-52-4	1,1-Biphenyl	0.56	U	1	0.56	5.30	ug/L	11/11/25 18:14	PB170473
91-58-7	2-Chloronaphthalene	0.65	U	1	0.65	5.30	ug/L	11/11/25 18:14	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.30	ug/L	11/11/25 18:14	PB170473
131-11-3	Dimethylphthalate	0.65	U	1	0.65	5.30	ug/L	11/11/25 18:14	PB170473
208-96-8	Acenaphthylene	0.80	U	1	0.80	5.30	ug/L	11/11/25 18:14	PB170473
606-20-2	2,6-Dinitrotoluene	0.98	U	1	0.98	5.30	ug/L	11/11/25 18:14	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.30	ug/L	11/11/25 18:14	PB170473
83-32-9	Acenaphthene	0.59	U	1	0.59	5.30	ug/L	11/11/25 18:14	PB170473
51-28-5	2,4-Dinitrophenol	6.40	U	1	6.40	10.6	ug/L	11/11/25 18:14	PB170473
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.6	ug/L	11/11/25 18:14	PB170473
132-64-9	Dibenzofuran	0.65	U	1	0.65	5.30	ug/L	11/11/25 18:14	PB170473
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.30	ug/L	11/11/25 18:14	PB170473
84-66-2	Diethylphthalate	0.73	U	1	0.73	5.30	ug/L	11/11/25 18:14	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.72	U	1	0.72	5.30	ug/L	11/11/25 18:14	PB170473
86-73-7	Fluorene	0.67	U	1	0.67	5.30	ug/L	11/11/25 18:14	PB170473
100-01-6	4-Nitroaniline	1.60	U	1	1.60	5.30	ug/L	11/11/25 18:14	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	1	3.10	10.6	ug/L	11/11/25 18:14	PB170473

Raw Data: **BP026095.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:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-2	SDG No.:	Q3569
Lab Sample ID:	Q3569-01	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: 11/10/25		

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	11/11/25 18:14	PB170473
101-55-3	4-Bromophenyl-phenylether	0.43	U	1	0.43	5.30	ug/L	11/11/25 18:14	PB170473
118-74-1	Hexachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/11/25 18:14	PB170473
1912-24-9	Atrazine	1.10	U	1	1.10	5.30	ug/L	11/11/25 18:14	PB170473
87-86-5	Pentachlorophenol	1.70	U	1	1.70	10.6	ug/L	11/11/25 18:14	PB170473
85-01-8	Phenanthrene	0.53	U	1	0.53	5.30	ug/L	11/11/25 18:14	PB170473
120-12-7	Anthracene	0.65	U	1	0.65	5.30	ug/L	11/11/25 18:14	PB170473
86-74-8	Carbazole	0.77	U	1	0.77	5.30	ug/L	11/11/25 18:14	PB170473
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.30	ug/L	11/11/25 18:14	PB170473
206-44-0	Fluoranthene	0.87	U	1	0.87	5.30	ug/L	11/11/25 18:14	PB170473
129-00-0	Pyrene	0.53	U	1	0.53	5.30	ug/L	11/11/25 18:14	PB170473
85-68-7	Butylbenzylphthalate	2.10	U	1	2.10	5.30	ug/L	11/11/25 18:14	PB170473
91-94-1	3,3-Dichlorobenzidine	0.99	UQ	1	0.99	10.6	ug/L	11/11/25 18:14	PB170473
56-55-3	Benzo(a)anthracene	0.48	U	1	0.48	5.30	ug/L	11/11/25 18:14	PB170473
218-01-9	Chrysene	0.47	U	1	0.47	5.30	ug/L	11/11/25 18:14	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	3.10	J	1	1.70	5.30	ug/L	11/11/25 18:14	PB170473
117-84-0	Di-n-octyl phthalate	2.50	U	1	2.50	10.6	ug/L	11/11/25 18:14	PB170473
205-99-2	Benzo(b)fluoranthene	0.52	U	1	0.52	5.30	ug/L	11/11/25 18:14	PB170473
207-08-9	Benzo(k)fluoranthene	0.51	U	1	0.51	5.30	ug/L	11/11/25 18:14	PB170473
50-32-8	Benzo(a)pyrene	0.59	U	1	0.59	5.30	ug/L	11/11/25 18:14	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.63	U	1	0.63	5.30	ug/L	11/11/25 18:14	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.71	U	1	0.71	5.30	ug/L	11/11/25 18:14	PB170473
191-24-2	Benzo(g,h,i)perylene	0.73	U	1	0.73	5.30	ug/L	11/11/25 18:14	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/11/25 18:14	PB170473
123-91-1	1,4-Dioxane	32.1		1	1.10	5.30	ug/L	11/11/25 18:14	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.77	U	1	0.77	5.30	ug/L	11/11/25 18:14	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	78.3			15 (10) - 110 (134)	52%	SPK: 150		
13127-88-3	Phenol-d6	52.9			15 (10) - 110 (135)	35%	SPK: 150		
4165-60-0	Nitrobenzene-d5	94.9			30 (39) - 130 (138)	95%	SPK: 100		
321-60-8	2-Fluorobiphenyl	82.5			30 (52) - 130 (132)	82%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	182	*		15 (44) - 110 (137)	122%	SPK: 150		
1718-51-0	Terphenyl-d14	80.4			30 (42) - 130 (152)	80%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	269000							
1146-65-2	Naphthalene-d8	1070000							
15067-26-2	Acenaphthene-d10	698000							
1517-22-2	Phenanthrene-d10	1530000							
1719-03-5	Chrysene-d12	1830000							
1520-96-3	Perylene-d12	2040000							
TENTATIVE IDENTIFIED COMPOUNDS									
004829-04-3	1,3-Dithiolane	6.30	J			7.22	ug/L		
000121-69-7	Benzenamine, N,N-dimethyl-	2.60	J			8.87	ug/L		

Raw Data: **BP026095.D**

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

Client:	Remington & Vernick Engineers			Date Collected:	11/05/25
Project:	Edison Landfill			Date Received:	11/06/25
Client Sample ID:	MW-2			SDG No.:	Q3569
Lab Sample ID:	Q3569-01			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:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000539-80-0	2,4,6-Cycloheptatrien-1-one	3.00	J			9.87	ug/L		
000465-31-6	Bicyclo[2.2.1]heptan-2-ol, 2,3,3-t	2.60	J			10.0	ug/L		
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	2.70	J			13.2	ug/L		
000090-26-6	Benzeneacetamide, .alpha.-ethyl-	2.30	J			14.2	ug/L		
000119-61-9	Benzophenone	10.9	J			15.7	ug/L		
000934-34-9	2(3H)-Benzothiazolone	28.7	J			16.0	ug/L		
000057-10-3	n-Hexadecanoic acid	11.3	J			18.1	ug/L		
000057-11-4	Octadecanoic acid	2.50	J			19.4	ug/L		
016980-85-1	Pentacos-1-ene	2.40	J			21.3	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: **BP026096.D**

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

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-12	SDG No.:	Q3569
Lab Sample ID:	Q3569-02	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: 11/10/25		

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	11/11/25 18:55	PB170473
108-95-2	Phenol	0.96	U	1	0.96	5.30	ug/L	11/11/25 18:55	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.85	U	1	0.85	5.30	ug/L	11/11/25 18:55	PB170473
95-57-8	2-Chlorophenol	2.30	J	1	0.61	5.30	ug/L	11/11/25 18:55	PB170473
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.30	ug/L	11/11/25 18:55	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.30	ug/L	11/11/25 18:55	PB170473
98-86-2	Acetophenone	0.78	U	1	0.78	5.30	ug/L	11/11/25 18:55	PB170473
65794-96-9	3+4-Methylphenols	2.80	J	1	1.20	10.5	ug/L	11/11/25 18:55	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.60	ug/L	11/11/25 18:55	PB170473
67-72-1	Hexachloroethane	0.68	U	1	0.68	5.30	ug/L	11/11/25 18:55	PB170473
98-95-3	Nitrobenzene	0.80	U	1	0.80	5.30	ug/L	11/11/25 18:55	PB170473
78-59-1	Isophorone	0.79	U	1	0.79	5.30	ug/L	11/11/25 18:55	PB170473
88-75-5	2-Nitrophenol	1.90	U	1	1.90	5.30	ug/L	11/11/25 18:55	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.30	ug/L	11/11/25 18:55	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.72	U	1	0.72	5.30	ug/L	11/11/25 18:55	PB170473
120-83-2	2,4-Dichlorophenol	0.55	U	1	0.55	5.30	ug/L	11/11/25 18:55	PB170473
91-20-3	Naphthalene	0.53	U	1	0.53	5.30	ug/L	11/11/25 18:55	PB170473
106-47-8	4-Chloroaniline	0.88	U	1	0.88	5.30	ug/L	11/11/25 18:55	PB170473
87-68-3	Hexachlorobutadiene	0.57	U	1	0.57	5.30	ug/L	11/11/25 18:55	PB170473
105-60-2	Caprolactam	1.20	U	1	1.20	10.5	ug/L	11/11/25 18:55	PB170473
59-50-7	4-Chloro-3-methylphenol	0.62	U	1	0.62	5.30	ug/L	11/11/25 18:55	PB170473
91-57-6	2-Methylnaphthalene	0.59	U	1	0.59	5.30	ug/L	11/11/25 18:55	PB170473
77-47-4	Hexachlorocyclopentadiene	3.80	U	1	3.80	10.5	ug/L	11/11/25 18:55	PB170473
88-06-2	2,4,6-Trichlorophenol	0.54	U	1	0.54	5.30	ug/L	11/11/25 18:55	PB170473
95-95-4	2,4,5-Trichlorophenol	0.65	U	1	0.65	5.30	ug/L	11/11/25 18:55	PB170473
92-52-4	1,1-Biphenyl	0.56	U	1	0.56	5.30	ug/L	11/11/25 18:55	PB170473
91-58-7	2-Chloronaphthalene	0.64	U	1	0.64	5.30	ug/L	11/11/25 18:55	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.30	ug/L	11/11/25 18:55	PB170473
131-11-3	Dimethylphthalate	0.64	U	1	0.64	5.30	ug/L	11/11/25 18:55	PB170473
208-96-8	Acenaphthylene	0.79	U	1	0.79	5.30	ug/L	11/11/25 18:55	PB170473
606-20-2	2,6-Dinitrotoluene	0.97	U	1	0.97	5.30	ug/L	11/11/25 18:55	PB170473
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.30	ug/L	11/11/25 18:55	PB170473
83-32-9	Acenaphthene	0.58	U	1	0.58	5.30	ug/L	11/11/25 18:55	PB170473
51-28-5	2,4-Dinitrophenol	6.30	U	1	6.30	10.5	ug/L	11/11/25 18:55	PB170473
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.5	ug/L	11/11/25 18:55	PB170473
132-64-9	Dibenzofuran	0.64	U	1	0.64	5.30	ug/L	11/11/25 18:55	PB170473
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.30	ug/L	11/11/25 18:55	PB170473
84-66-2	Diethylphthalate	0.73	U	1	0.73	5.30	ug/L	11/11/25 18:55	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.72	U	1	0.72	5.30	ug/L	11/11/25 18:55	PB170473
86-73-7	Fluorene	0.66	U	1	0.66	5.30	ug/L	11/11/25 18:55	PB170473
100-01-6	4-Nitroaniline	1.60	U	1	1.60	5.30	ug/L	11/11/25 18:55	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	1	3.00	10.5	ug/L	11/11/25 18:55	PB170473

Raw Data: **BP026096.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:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-12	SDG No.:	Q3569
Lab Sample ID:	Q3569-02	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: 11/10/25		

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	11/11/25 18:55	PB170473
101-55-3	4-Bromophenyl-phenylether	0.42	U	1	0.42	5.30	ug/L	11/11/25 18:55	PB170473
118-74-1	Hexachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/11/25 18:55	PB170473
1912-24-9	Atrazine	1.10	U	1	1.10	5.30	ug/L	11/11/25 18:55	PB170473
87-86-5	Pentachlorophenol	1.70	U	1	1.70	10.5	ug/L	11/11/25 18:55	PB170473
85-01-8	Phenanthrene	0.53	U	1	0.53	5.30	ug/L	11/11/25 18:55	PB170473
120-12-7	Anthracene	0.64	U	1	0.64	5.30	ug/L	11/11/25 18:55	PB170473
86-74-8	Carbazole	0.76	U	1	0.76	5.30	ug/L	11/11/25 18:55	PB170473
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.30	ug/L	11/11/25 18:55	PB170473
206-44-0	Fluoranthene	0.86	U	1	0.86	5.30	ug/L	11/11/25 18:55	PB170473
129-00-0	Pyrene	0.53	U	1	0.53	5.30	ug/L	11/11/25 18:55	PB170473
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.30	ug/L	11/11/25 18:55	PB170473
91-94-1	3,3-Dichlorobenzidine	0.98	U	1	0.98	10.5	ug/L	11/11/25 18:55	PB170473
56-55-3	Benzo(a)anthracene	0.47	U	1	0.47	5.30	ug/L	11/11/25 18:55	PB170473
218-01-9	Chrysene	0.46	U	1	0.46	5.30	ug/L	11/11/25 18:55	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	3.00	J	1	1.70	5.30	ug/L	11/11/25 18:55	PB170473
117-84-0	Di-n-octyl phthalate	2.50	U	1	2.50	10.5	ug/L	11/11/25 18:55	PB170473
205-99-2	Benzo(b)fluoranthene	0.52	U	1	0.52	5.30	ug/L	11/11/25 18:55	PB170473
207-08-9	Benzo(k)fluoranthene	0.51	U	1	0.51	5.30	ug/L	11/11/25 18:55	PB170473
50-32-8	Benzo(a)pyrene	0.58	U	1	0.58	5.30	ug/L	11/11/25 18:55	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.62	U	1	0.62	5.30	ug/L	11/11/25 18:55	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.71	U	1	0.71	5.30	ug/L	11/11/25 18:55	PB170473
191-24-2	Benzo(g,h,i)perylene	0.73	U	1	0.73	5.30	ug/L	11/11/25 18:55	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/11/25 18:55	PB170473
123-91-1	1,4-Dioxane	91.6	E	1	1.10	5.30	ug/L	11/11/25 18:55	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.76	U	1	0.76	5.30	ug/L	11/11/25 18:55	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	68.0			15 (10) - 110 (134)	45%	SPK: 150		
13127-88-3	Phenol-d6	45.2			15 (10) - 110 (135)	30%	SPK: 150		
4165-60-0	Nitrobenzene-d5	94.8			30 (39) - 130 (138)	95%	SPK: 100		
321-60-8	2-Fluorobiphenyl	83.3			30 (52) - 130 (132)	83%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	159			15 (44) - 110 (137)	106%	SPK: 150		
1718-51-0	Terphenyl-d14	80.6			30 (42) - 130 (152)	81%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	347000							
1146-65-2	Naphthalene-d8	1350000							
15067-26-2	Acenaphthene-d10	840000							
1517-22-2	Phenanthrene-d10	1660000							
1719-03-5	Chrysene-d12	1890000							
1520-96-3	Perylene-d12	2200000							
TENTATIVE IDENTIFIED COMPOUNDS									
62-53-3	Aniline	3.30	J			7.03	ug/L		
000465-31-6	Bicyclo[2.2.1]heptan-2-ol, 2,3,3-t	10.7	J			10.0	ug/L		

Raw Data: **BP026096.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:	11/05/25
Project:	Edison Landfill			Date Received:	11/06/25
Client Sample ID:	MW-12			SDG No.:	Q3569
Lab Sample ID:	Q3569-02			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:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000106-48-9	Phenol, 4-chloro-	10.8	J			10.3	ug/L		
000098-54-4	Phenol, p-tert-butyl-	39.4	J			11.8	ug/L		
000098-73-7	Benzoic acid, p-tert-butyl-	9.10	J			14.1	ug/L		
015687-27-1	Ibuprofen	15.2	J			15.4	ug/L		
000934-34-9	2(3H)-Benzothiazolone	200	J			16.1	ug/L		
000080-39-7	Benzenesulfonamide, N-ethyl-4-meth	11.9	J			16.4	ug/L		
000077-21-4	Glutethimide	48.9	J			17.7	ug/L		
000057-10-3	n-Hexadecanoic acid	6.80	J			18.1	ug/L		
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	53.9	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: **BP026116.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:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-12DL	SDG No.:	Q3569
Lab Sample ID:	Q3569-02DL	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: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	8.20	UD	2	8.20	21.1	ug/L	11/12/25 17:17	PB170473
108-95-2	Phenol	1.90	UD	2	1.90	10.5	ug/L	11/12/25 17:17	PB170473
111-44-4	bis(2-Chloroethyl)ether	1.70	UD	2	1.70	10.5	ug/L	11/12/25 17:17	PB170473
95-57-8	2-Chlorophenol	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
95-48-7	2-Methylphenol	2.40	UD	2	2.40	10.5	ug/L	11/12/25 17:17	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	2.70	UD	2	2.70	10.5	ug/L	11/12/25 17:17	PB170473
98-86-2	Acetophenone	1.60	UD	2	1.60	10.5	ug/L	11/12/25 17:17	PB170473
65794-96-9	3+4-Methylphenols	2.30	UD	2	2.30	21.1	ug/L	11/12/25 17:17	PB170473
621-64-7	n-Nitroso-di-n-propylamine	3.00	UD	2	3.00	5.30	ug/L	11/12/25 17:17	PB170473
67-72-1	Hexachloroethane	1.40	UD	2	1.40	10.5	ug/L	11/12/25 17:17	PB170473
98-95-3	Nitrobenzene	1.60	UD	2	1.60	10.5	ug/L	11/12/25 17:17	PB170473
78-59-1	Isophorone	1.60	UD	2	1.60	10.5	ug/L	11/12/25 17:17	PB170473
88-75-5	2-Nitrophenol	3.70	UD	2	3.70	10.5	ug/L	11/12/25 17:17	PB170473
105-67-9	2,4-Dimethylphenol	3.90	UD	2	3.90	10.5	ug/L	11/12/25 17:17	PB170473
111-91-1	bis(2-Chloroethoxy)methane	1.40	UD	2	1.40	10.5	ug/L	11/12/25 17:17	PB170473
120-83-2	2,4-Dichlorophenol	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
91-20-3	Naphthalene	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
106-47-8	4-Chloroaniline	1.80	UDQ	2	1.80	10.5	ug/L	11/12/25 17:17	PB170473
87-68-3	Hexachlorobutadiene	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
105-60-2	Caprolactam	2.40	UD	2	2.40	21.1	ug/L	11/12/25 17:17	PB170473
59-50-7	4-Chloro-3-methylphenol	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
91-57-6	2-Methylnaphthalene	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
77-47-4	Hexachlorocyclopentadiene	7.60	UD	2	7.60	21.1	ug/L	11/12/25 17:17	PB170473
88-06-2	2,4,6-Trichlorophenol	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
95-95-4	2,4,5-Trichlorophenol	1.30	UD	2	1.30	10.5	ug/L	11/12/25 17:17	PB170473
92-52-4	1,1-Biphenyl	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
91-58-7	2-Chloronaphthalene	1.30	UD	2	1.30	10.5	ug/L	11/12/25 17:17	PB170473
88-74-4	2-Nitroaniline	2.70	UD	2	2.70	10.5	ug/L	11/12/25 17:17	PB170473
131-11-3	Dimethylphthalate	1.30	UD	2	1.30	10.5	ug/L	11/12/25 17:17	PB170473
208-96-8	Acenaphthylene	1.60	UD	2	1.60	10.5	ug/L	11/12/25 17:17	PB170473
606-20-2	2,6-Dinitrotoluene	1.90	UD	2	1.90	10.5	ug/L	11/12/25 17:17	PB170473
99-09-2	3-Nitroaniline	2.20	UDQ	2	2.20	10.5	ug/L	11/12/25 17:17	PB170473
83-32-9	Acenaphthene	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
51-28-5	2,4-Dinitrophenol	12.6	UD	2	12.6	21.1	ug/L	11/12/25 17:17	PB170473
100-02-7	4-Nitrophenol	5.00	UD	2	5.00	21.1	ug/L	11/12/25 17:17	PB170473
132-64-9	Dibenzofuran	1.30	UD	2	1.30	10.5	ug/L	11/12/25 17:17	PB170473
121-14-2	2,4-Dinitrotoluene	2.60	UD	2	2.60	10.5	ug/L	11/12/25 17:17	PB170473
84-66-2	Diethylphthalate	1.50	UD	2	1.50	10.5	ug/L	11/12/25 17:17	PB170473
7005-72-3	4-Chlorophenyl-phenylether	1.40	UD	2	1.40	10.5	ug/L	11/12/25 17:17	PB170473
86-73-7	Fluorene	1.30	UD	2	1.30	10.5	ug/L	11/12/25 17:17	PB170473
100-01-6	4-Nitroaniline	3.20	UD	2	3.20	10.5	ug/L	11/12/25 17:17	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	6.10	UD	2	6.10	21.1	ug/L	11/12/25 17:17	PB170473

Raw Data: **BP026116.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:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-12DL	SDG No.:	Q3569
Lab Sample ID:	Q3569-02DL	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: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
101-55-3	4-Bromophenyl-phenylether	0.84	UD	2	0.84	10.5	ug/L	11/12/25 17:17	PB170473
118-74-1	Hexachlorobenzene	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
1912-24-9	Atrazine	2.10	UD	2	2.10	10.5	ug/L	11/12/25 17:17	PB170473
87-86-5	Pentachlorophenol	3.30	UD	2	3.30	21.1	ug/L	11/12/25 17:17	PB170473
85-01-8	Phenanthrene	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
120-12-7	Anthracene	1.30	UD	2	1.30	10.5	ug/L	11/12/25 17:17	PB170473
86-74-8	Carbazole	1.50	UD	2	1.50	10.5	ug/L	11/12/25 17:17	PB170473
84-74-2	Di-n-butylphthalate	2.60	UD	2	2.60	10.5	ug/L	11/12/25 17:17	PB170473
206-44-0	Fluoranthene	1.70	UD	2	1.70	10.5	ug/L	11/12/25 17:17	PB170473
129-00-0	Pyrene	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
85-68-7	Butylbenzylphthalate	4.10	UD	2	4.10	10.5	ug/L	11/12/25 17:17	PB170473
91-94-1	3,3-Dichlorobenzidine	2.00	UDQ	2	2.00	21.1	ug/L	11/12/25 17:17	PB170473
56-55-3	Benzo(a)anthracene	0.95	UD	2	0.95	10.5	ug/L	11/12/25 17:17	PB170473
218-01-9	Chrysene	0.93	UD	2	0.93	10.5	ug/L	11/12/25 17:17	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	3.40	UD	2	3.40	10.5	ug/L	11/12/25 17:17	PB170473
117-84-0	Di-n-octyl phthalate	4.90	UD	2	4.90	21.1	ug/L	11/12/25 17:17	PB170473
205-99-2	Benzo(b)fluoranthene	1.00	UD	2	1.00	10.5	ug/L	11/12/25 17:17	PB170473
207-08-9	Benzo(k)fluoranthene	1.00	UD	2	1.00	10.5	ug/L	11/12/25 17:17	PB170473
50-32-8	Benzo(a)pyrene	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
53-70-3	Dibenzo(a,h)anthracene	1.40	UD	2	1.40	10.5	ug/L	11/12/25 17:17	PB170473
191-24-2	Benzo(g,h,i)perylene	1.50	UD	2	1.50	10.5	ug/L	11/12/25 17:17	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
123-91-1	1,4-Dioxane	90.4	D	2	2.10	10.5	ug/L	11/12/25 17:17	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	1.50	UD	2	1.50	10.5	ug/L	11/12/25 17:17	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	66.2			15 (10) - 110 (134)	44%	SPK: 150		
13127-88-3	Phenol-d6	44.2			15 (10) - 110 (135)	29%	SPK: 150		
4165-60-0	Nitrobenzene-d5	92.9			30 (39) - 130 (138)	93%	SPK: 100		
321-60-8	2-Fluorobiphenyl	83.9			30 (52) - 130 (132)	84%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	164			15 (44) - 110 (137)	109%	SPK: 150		
1718-51-0	Terphenyl-d14	84.4			30 (42) - 130 (152)	84%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	346000							
1146-65-2	Naphthalene-d8	1360000							
15067-26-2	Acenaphthene-d10	867000							
1517-22-2	Phenanthrene-d10	1780000							
1719-03-5	Chrysene-d12	2020000							
1520-96-3	Perylene-d12	2320000							

Raw Data: **BP026116.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:	11/05/25
Project:	Edison Landfill			Date Received:	11/06/25
Client Sample ID:	MW-12DL			SDG No.:	Q3569
Lab Sample ID:	Q3569-02DL			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:	11/10/25		

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

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

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

QC SUMMARY

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

Surrogate Summary

SW-846

SDG No.: Q3569

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170473BL	PB170473BL	2-Fluorophenol	150	119	79		15 (10)	110 (134)
		Phenol-d6	150	119	80		15 (10)	110 (135)
		Nitrobenzene-d5	100	84.0	84		30 (39)	130 (138)
		2-Fluorobiphenyl	100	80.8	81		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	122	82		15 (44)	110 (137)
		Terphenyl-d14	100	95.0	95		30 (42)	130 (152)
PB170473BS	PB170473BS	2-Fluorophenol	150	119	79		15 (10)	110 (134)
		Phenol-d6	150	120	80		15 (10)	110 (135)
		Nitrobenzene-d5	100	83.2	83		30 (39)	130 (138)
		2-Fluorobiphenyl	100	76.8	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	123	82		15 (44)	110 (137)
		Terphenyl-d14	100	96.5	96		30 (42)	130 (152)
PB170473BSD	PB170473BSD	2-Fluorophenol	150	121	81		15 (10)	110 (134)
		Phenol-d6	150	122	81		15 (10)	110 (135)
		Nitrobenzene-d5	100	82.0	82		30 (39)	130 (138)
		2-Fluorobiphenyl	100	78.5	79		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	124	83		15 (44)	110 (137)
		Terphenyl-d14	100	94.1	94		30 (42)	130 (152)
Q3569-01	MW-2	2-Fluorophenol	150	78.3	52		15 (10)	110 (134)
		Phenol-d6	150	52.9	35		15 (10)	110 (135)
		Nitrobenzene-d5	100	94.9	95		30 (39)	130 (138)
		2-Fluorobiphenyl	100	82.5	82		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	182	122	*	15 (44)	110 (137)
		Terphenyl-d14	100	80.4	80		30 (42)	130 (152)
Q3569-02	MW-12	2-Fluorophenol	150	68.0	45		15 (10)	110 (134)
		Phenol-d6	150	45.2	30		15 (10)	110 (135)
		Nitrobenzene-d5	100	94.8	95		30 (39)	130 (138)
		2-Fluorobiphenyl	100	83.3	83		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	159	106		15 (44)	110 (137)
		Terphenyl-d14	100	80.6	81		30 (42)	130 (152)
Q3569-02DL	MW-12DL	2-Fluorophenol	150	66.2	44		15 (10)	110 (134)
		Phenol-d6	150	44.2	29		15 (10)	110 (135)
		Nitrobenzene-d5	100	92.9	93		30 (39)	130 (138)
		2-Fluorobiphenyl	100	83.9	84		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	164	109		15 (44)	110 (137)
		Terphenyl-d14	100	84.4	84		30 (42)	130 (152)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3569 **Analytical Method:** 8270E

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

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

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3569 **Analytical Method:** 8270E

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

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

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3569 **Analytical Method:** 8270E

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

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

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3569 **Analytical Method:** 8270E

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

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

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170473BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3569

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

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

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170473BS	PB170473BS	BF144245.D	11/13/2025
PB170473BSD	PB170473BSD	BF144246.D	11/13/2025
MW-2	Q3569-01	BP026095.D	11/11/2025
MW-12	Q3569-02	BP026096.D	11/11/2025

COMMENTS:

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3569

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.: Q3569

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

Instrument ID: BNA_F DFTPP Injection Time: 14:26

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

1-Value is % mass 69

2-Value is % mass 442

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

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

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3569

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.: Q3569

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

Instrument ID: BNA_P DFTPP Injection Time: 14:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	29.8
70	Less than 2.0% of mass 69	0.1 (0.3) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	91.8
443	15.0 - 24.0% of mass 442	17.6 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP026090.D	11/11/2025	14:44
MW-2	Q3569-01	BP026095.D	11/11/2025	18:14
MW-12	Q3569-02	BP026096.D	11/11/2025	18:55

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3569

Lab File ID: BP026107.D | DFTPP Injection Date: 11/12/2025

Instrument ID: BNA_P | DFTPP Injection Time: 10:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	29.4
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.5
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	3.5
441	Present, but less than mass 443	14.1
442	Greater than 50% of mass 198	91.7
443	15.0 - 24.0% of mass 442	17.8 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP026108.D	11/12/2025	11:36
MW-12DL	Q3569-02DL	BP026116.D	11/12/2025	17:17

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3569

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

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

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	57801	6.869	225618	8.15	126474	9.90
	UPPER LIMIT	115602	7.369	451236	8.651	252948	10.404
	LOWER LIMIT	28900.5	6.369	112809	7.651	63237	9.404
	EPA SAMPLE NO.						
01	PB170473BL	58185	6.86	226377	8.15	128860	9.90
02	PB170473BS	61443	6.87	243453	8.15	140132	9.91
03	PB170473BSD	58832	6.86	241570	8.15	135120	9.91

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3569

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

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

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	214028	11.398	119800	14.045	154528	15.521
	UPPER LIMIT	428056	11.898	239600	14.545	309056	16.021
	LOWER LIMIT	107014	10.898	59900	13.545	77264	15.021
	EPA SAMPLE NO.						
01	PB170473BL	235212	11.39	125254	14.05	146599	15.52
02	PB170473BS	236951	11.40	118377	14.05	157737	15.53
03	PB170473BSD	232588	11.40	118249	14.05	155276	15.52

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3569

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

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

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	341127	7.678	1393560	10.45	901803	14.32
	UPPER LIMIT	682254	8.178	2787120	10.949	1803610	14.819
	LOWER LIMIT	170564	7.178	696780	9.949	450902	13.819
	EPA SAMPLE NO.						
01	MW-2	269143	7.68	1072140	10.44	697904	14.32
02	MW-12	346728	7.68	1352870	10.44	840321	14.31

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3569

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

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

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1845190	17.131	1927460	21.589	2191180	24.924
	UPPER LIMIT	3690380	17.631	3854920	22.089	4382360	25.424
	LOWER LIMIT	922595	16.631	963730	21.089	1095590	24.424
	EPA SAMPLE NO.						
01	MW-2	1534730	17.13	1828450	21.58	2040430	24.91
02	MW-12	1658310	17.13	1893820	21.58	2202760	24.91

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3569

Client ID : SSTDCCC040 Date Analyzed: 11/12/2025

Lab File ID: BP026108.D Time Analyzed: 11:36

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	274793	7.672	1101110	10.44	695884	14.32
	UPPER LIMIT	549586	8.172	2202220	10.937	1391770	14.819
	LOWER LIMIT	137397	7.172	550555	9.937	347942	13.819
	EPA SAMPLE NO.						
01	MW-12DL	345995	7.67	1363080	10.44	867470	14.31

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3569

Client ID: SSTDCCC040 Date Analyzed: 11/12/2025

Lab File ID: BP026108.D Time Analyzed: 11:36

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	1413050	17.125	1582920	21.583	1849640	24.924
	UPPER LIMIT	2826100	17.625	3165840	22.083	3699280	25.424
	LOWER LIMIT	706525	16.625	791460	21.083	924820	24.424
	EPA SAMPLE NO.						
01	MW-12DL	1776020	17.13	2024260	21.58	2316390	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: **BF144244.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170473BL	SDG No.:	Q3569
Lab Sample ID:	PB170473BL	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

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

Raw Data: **BF144244.D**

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170473BL			SDG No.:	Q3569
Lab Sample ID:	PB170473BL			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/13/25 15:25	PB170473
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/13/25 15:25	PB170473
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/13/25 15:25	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/13/25 15:25	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/13/25 15:25	PB170473
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/13/25 15:25	PB170473
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/13/25 15:25	PB170473
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/13/25 15:25	PB170473
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/13/25 15:25	PB170473
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/13/25 15:25	PB170473
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/13/25 15:25	PB170473
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/13/25 15:25	PB170473
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/13/25 15:25	PB170473
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/13/25 15:25	PB170473
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/13/25 15:25	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/13/25 15:25	PB170473
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/13/25 15:25	PB170473
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/13/25 15:25	PB170473
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/13/25 15:25	PB170473
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/13/25 15:25	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/13/25 15:25	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/13/25 15:25	PB170473
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/13/25 15:25	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/13/25 15:25	PB170473
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/13/25 15:25	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/13/25 15:25	PB170473

SURROGATES					
367-12-4	2-Fluorophenol	119	15 (10) - 110 (134)	79%	SPK: 150
13127-88-3	Phenol-d6	119	15 (10) - 110 (135)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.0	30 (39) - 130 (138)	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.8	30 (52) - 130 (132)	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	122	15 (44) - 110 (137)	82%	SPK: 150
1718-51-0	Terphenyl-d14	95.0	30 (42) - 130 (152)	95%	SPK: 100

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	58200
1146-65-2	Naphthalene-d8	226000
15067-26-2	Acenaphthene-d10	129000
1517-22-2	Phenanthrene-d10	235000
1719-03-5	Chrysene-d12	125000
1520-96-3	Perylene-d12	147000

Raw Data: **BF144244.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170473BL			SDG No.:	Q3569
Lab Sample ID:	PB170473BL			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

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

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

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

Raw Data: **BF144245.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170473BS	SDG No.:	Q3569
Lab Sample ID:	PB170473BS	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

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

Raw Data: **BF144245.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170473BS			SDG No.:	Q3569
Lab Sample ID:	PB170473BS			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

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

Raw Data: **BF144245.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170473BS			SDG No.:	Q3569
Lab Sample ID:	PB170473BS			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

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

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

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

Raw Data: **BF144246.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170473BSD	SDG No.:	Q3569
Lab Sample ID:	PB170473BSD	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

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

Raw Data: **BF144246.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170473BSD			SDG No.:	Q3569
Lab Sample ID:	PB170473BSD			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

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

Raw Data: **BF144246.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170473BSD			SDG No.:	Q3569
Lab Sample ID:	PB170473BSD			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

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

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

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

CALIBRATION SUMMARY

Response Factor Report BNA_F

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

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

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

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

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

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

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

(#) = Out of Range

Response Factor Report MSBNA_P

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

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

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

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

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

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

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

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3569

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

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

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

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

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

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3569

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

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

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

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

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

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3569

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

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

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

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

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

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3569

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

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

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

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

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

All other compounds must meet a minimum RRF of 0.010.

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3569

Instrument ID: BNA_P Calibration Date/Time: 11/12/2025 11:36

Lab File ID: BP026108.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	1.287		6.2	
Benzaldehyde	0.802	0.764		-4.7	
Phenol-d6	1.543	1.632		5.8	
Phenol	1.713	1.785		4.2	20.0
bis(2-Chloroethyl)ether	1.352	1.339		-1.0	
2-Chlorophenol	1.342	1.463		9.0	
2-Methylphenol	1.121	1.177		5.0	
2,2-oxybis(1-Chloropropane)	2.043	1.820		-10.9	
Acetophenone	0.506	0.512		1.2	
3+4-Methylphenols	1.560	1.616		3.6	
n-Nitroso-di-n-propylamine	0.958	0.961	0.050	0.3	
Nitrobenzene-d5	0.321	0.359		11.8	
Hexachloroethane	0.533	0.556		4.3	
Nitrobenzene	0.339	0.366		8.0	
Isophorone	0.687	0.685		-0.3	
2-Nitrophenol	0.104	0.184		76.9	20.0
2,4-Dimethylphenol	0.289	0.294		1.7	
bis(2-Chloroethoxy)methane	0.433	0.428		-1.2	
2,4-Dichlorophenol	0.305	0.338		10.8	20.0
Naphthalene	1.091	1.107		1.5	
4-Chloroaniline	0.419	0.390		-6.9	
Hexachlorobutadiene	0.211	0.216		2.4	20.0
Caprolactam	0.107	0.118		10.3	
4-Chloro-3-methylphenol	0.320	0.347		8.4	20.0
2-Methylnaphthalene	0.763	0.764		0.1	
Hexachlorocyclopentadiene	0.227	0.263	0.050	15.9	
2,4,6-Trichlorophenol	0.367	0.430		17.2	20.0
2-Fluorobiphenyl	1.392	1.362		-2.2	
2,4,5-Trichlorophenol	0.419	0.472		12.6	
1,1-Biphenyl	1.531	1.511		-1.3	
2-Chloronaphthalene	1.205	1.215		0.8	
2-Nitroaniline	0.272	0.334		22.8	
Dimethylphthalate	1.455	1.464		0.6	
Acenaphthylene	1.756	1.748		-0.5	
2,6-Dinitrotoluene	0.237	0.303		27.8	
3-Nitroaniline	0.291	0.351		20.6	
Acenaphthene	1.206	1.190		-1.3	20.0
2,4-Dinitrophenol	0.100	0.153	0.050	53.0	
4-Nitrophenol	0.290	0.319	0.050	10.0	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3569

Instrument ID: BNA_P Calibration Date/Time: 11/12/2025 11:36

Lab File ID: BP026108.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	1.802		-1.1	
2,4-Dinitrotoluene	0.347	0.456		31.4	
Diethylphthalate	1.463	1.471		0.5	
4-Chlorophenyl-phenylether	0.713	0.701		-1.7	
Fluorene	1.427	1.434		0.5	
4-Nitroaniline	0.311	0.370		19.0	
4,6-Dinitro-2-methylphenol	0.077	0.115		49.4	
n-Nitrosodiphenylamine	0.625	0.618		-1.1	20.0
2,4,6-Tribromophenol	0.216	0.263		21.8	
4-Bromophenyl-phenylether	0.222	0.225		1.4	
Hexachlorobenzene	0.253	0.262		3.6	
Atrazine	0.211	0.217		2.8	
Pentachlorophenol	0.154	0.177		14.9	20.0
Phenanthrene	1.164	1.169		0.4	
Anthracene	1.154	1.162		0.7	
Carbazole	1.092	1.137		4.1	
Di-n-butylphthalate	1.222	1.301		6.5	
Fluoranthene	1.358	1.417		4.3	20.0
Pyrene	1.353	1.341		-0.9	
Terphenyl-d14	0.984	0.954		-3.0	
Butylbenzylphthalate	0.432	0.554		28.2	
3,3-Dichlorobenzidine	0.443	0.431		-2.7	
Benzo(a)anthracene	1.374	1.381		0.5	
Chrysene	1.302	1.307		0.4	
Bis(2-ethylhexyl)phthalate	0.718	0.836		16.4	
Di-n-octyl phthalate	1.191	1.474		23.8	20.0
Benzo(b)fluoranthene	1.242	1.260		1.4	
Benzo(k)fluoranthene	1.268	1.243		-2.0	
Benzo(a)pyrene	1.141	1.160		1.7	20.0
Indeno(1,2,3-cd)pyrene	1.476	1.533		3.9	
Dibenzo(a,h)anthracene	1.202	1.245		3.5	
Benzo(g,h,i)perylene	1.156	1.201		3.9	
1,2,4,5-Tetrachlorobenzene	0.621	0.633		1.9	
1,4-Dioxane	0.511	0.523		2.3	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.398		20.6	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 12 01:46:21 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 :
MW-2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	269143	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1072142	20.000	ng	-0.01
39) Acenaphthene-d10	14.319	164	697904	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1534727	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1828450	20.000	ng	0.02
86) Perylene-d12	24.913	264	2040425	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1277275	78.309	ng	0.00
7) Phenol-d6	6.849	99	1097518	52.866	ng	0.00
23) Nitrobenzene-d5	8.813	82	1631315	94.853	ng	-0.01
42) 2,4,6-Tribromophenol	15.842	330	1375825	182.349	ng	0.01
45) 2-Fluorobiphenyl	12.931	172	4004795	82.455	ng	0.00
79) Terphenyl-d14	19.872	244	7233493	80.375	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	207617	30.194	ng	98
84) Bis(2-ethylhexyl)phtha...	21.525	149	26364m	2.936	ng	

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

Sample Results: **BP026095.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 12 01:46:21 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
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MW-2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
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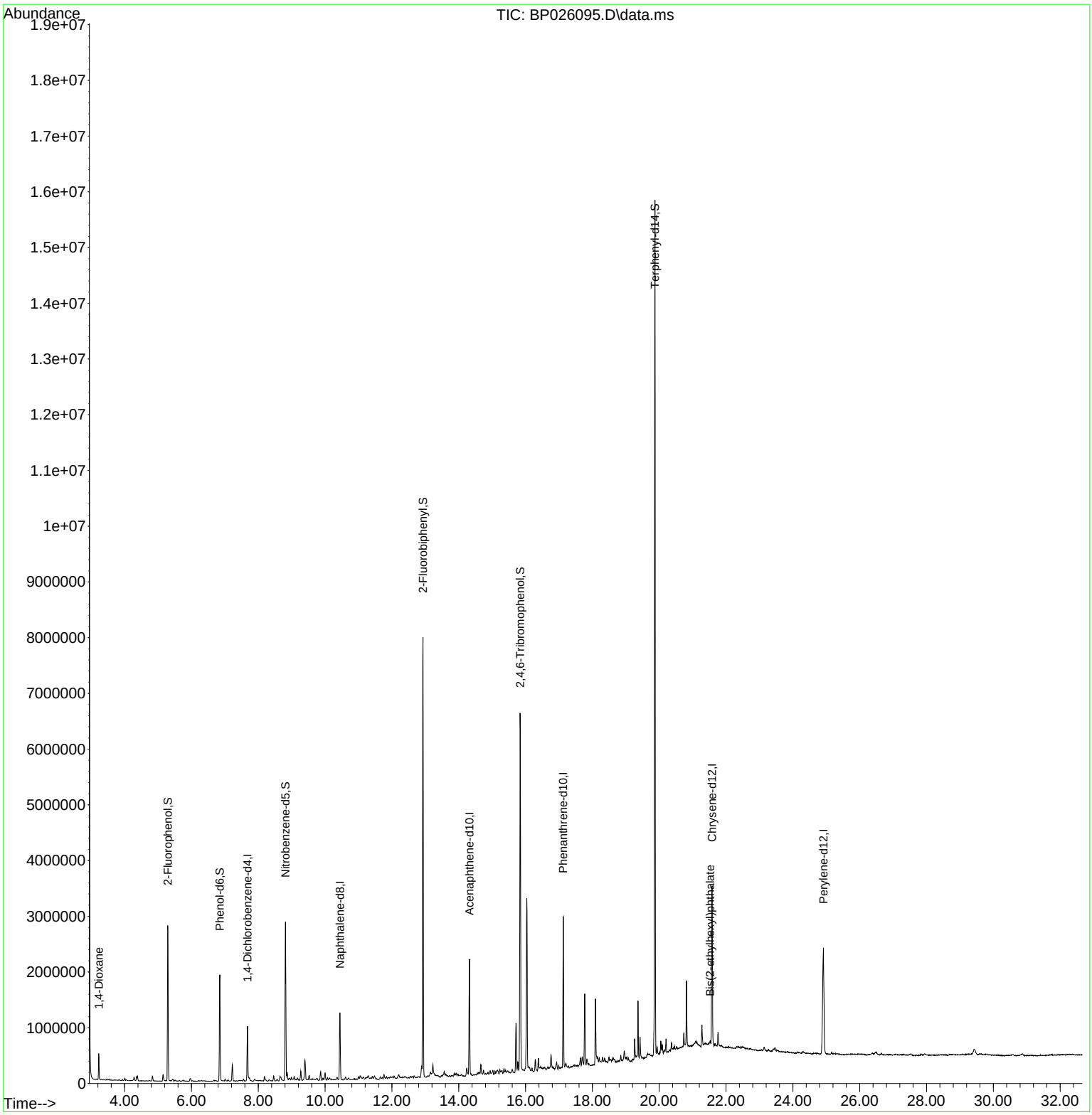
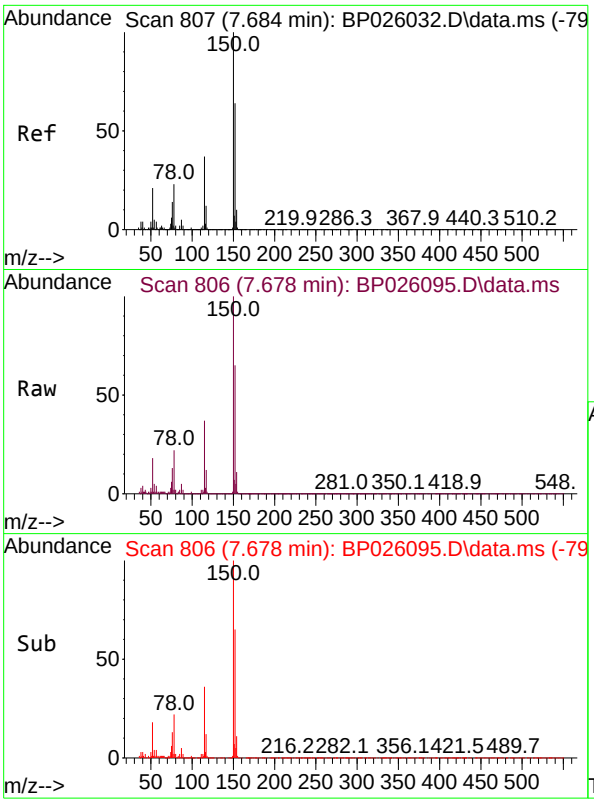
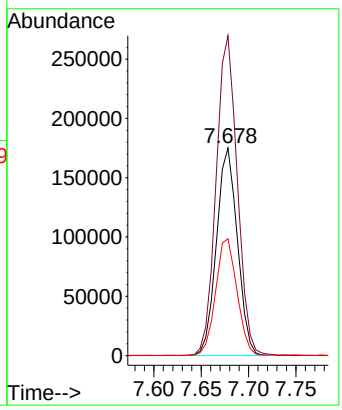




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

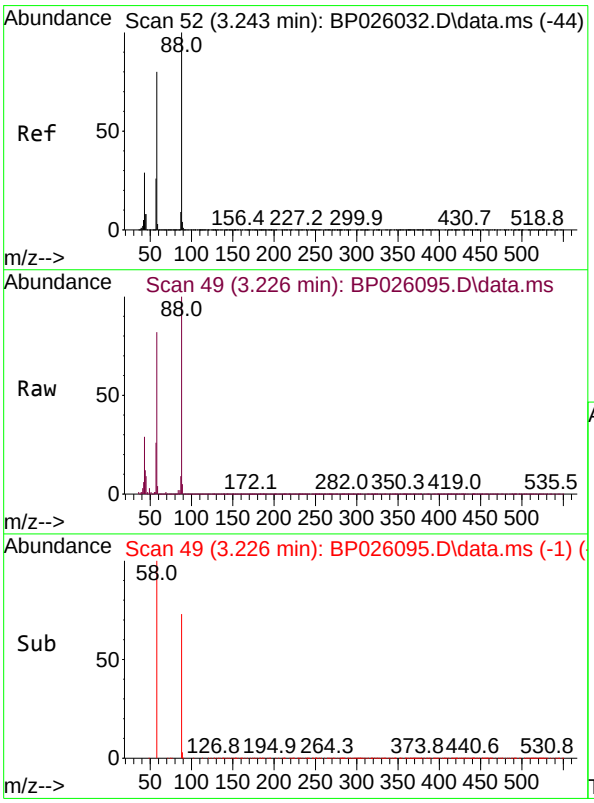
Tgt Ion:152 Resp: 26914

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.7	188.5
115	56.4	46.4	69.6



Instrument :
BNA_P
ClientSampleId :
MW-2

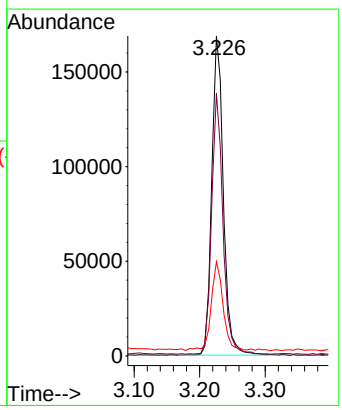
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

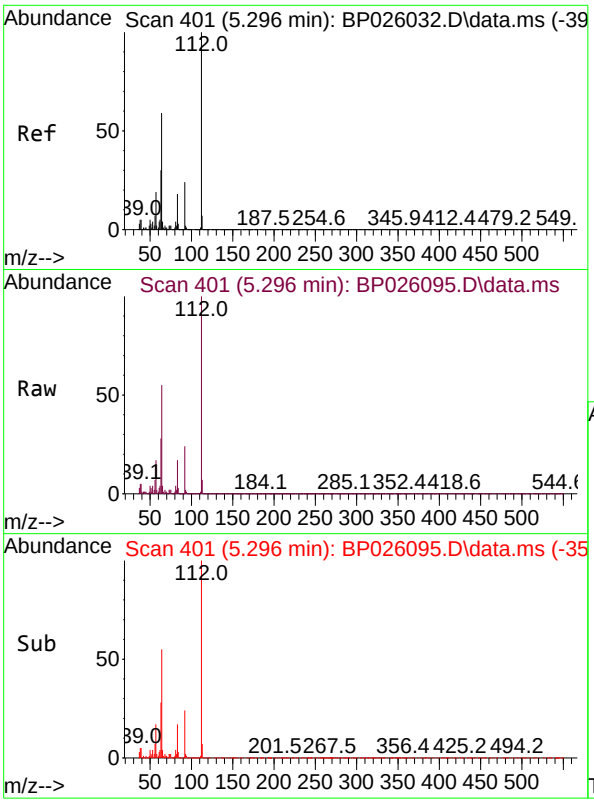


#2
1,4-Dioxane
Concen: 30.194 ng
RT: 3.226 min Scan# 49
Delta R.T. -0.011 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion: 88 Resp: 207617

Ion	Ratio	Lower	Upper
88	100		
58	79.8	65.4	98.0
43	28.6	23.1	34.7

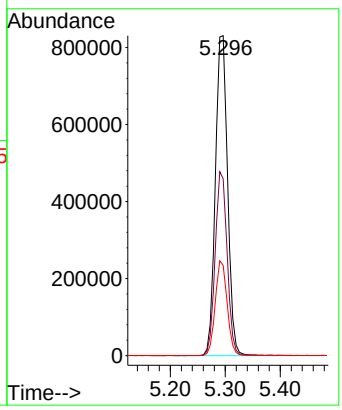




#5
2-Fluorophenol
Concen: 78.309 ng
RT: 5.296 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:112 Resp: 127727

Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.4	71.2
63	28.3	24.2	36.4



Instrument :
BNA_P
ClientSampleId :
MW-2

Manual Integrations
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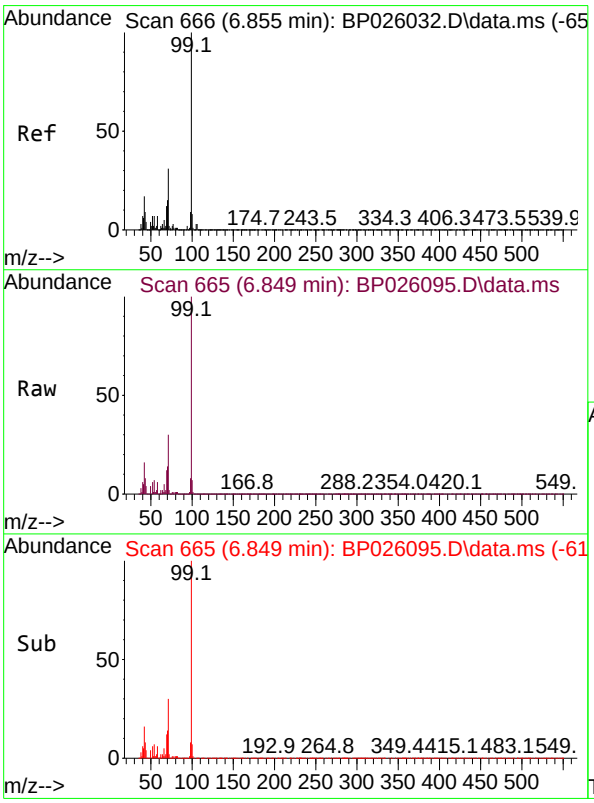
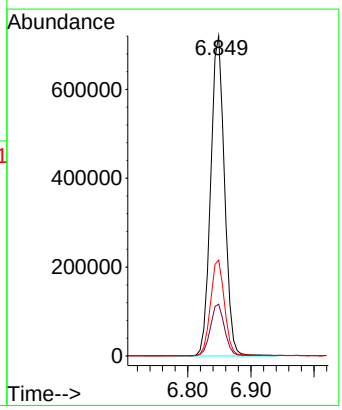
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

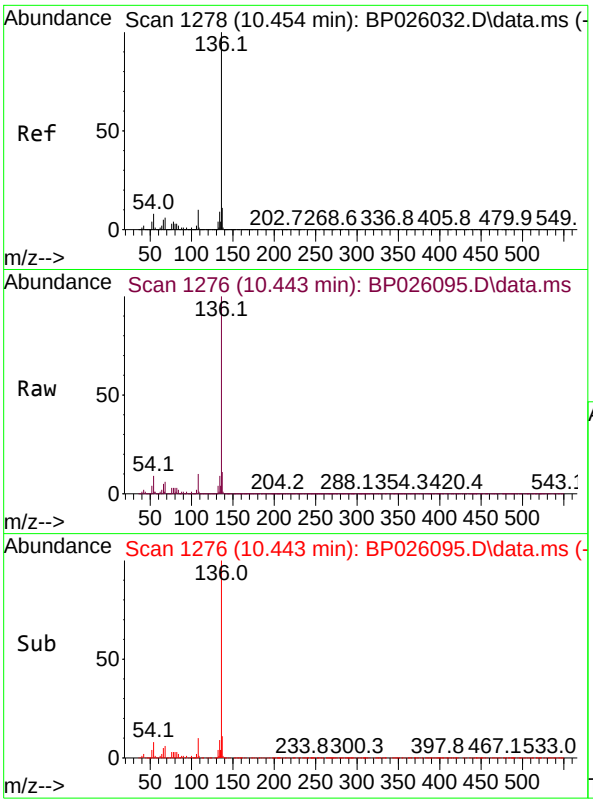


#7
Phenol-d6
Concen: 52.866 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion: 99 Resp: 1097518

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.7	20.5
71	30.0	24.4	36.6

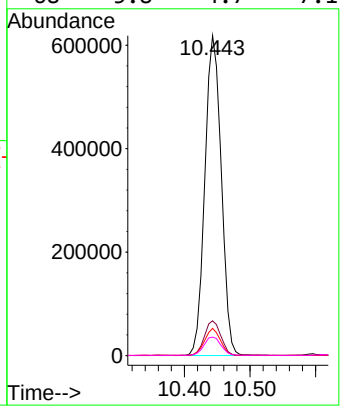




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:136 Resp: 107214

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.5	6.6	10.0
68	5.8	4.7	7.1



Instrument :
BNA_P
ClientSampleId :
MW-2

Manual Integrations
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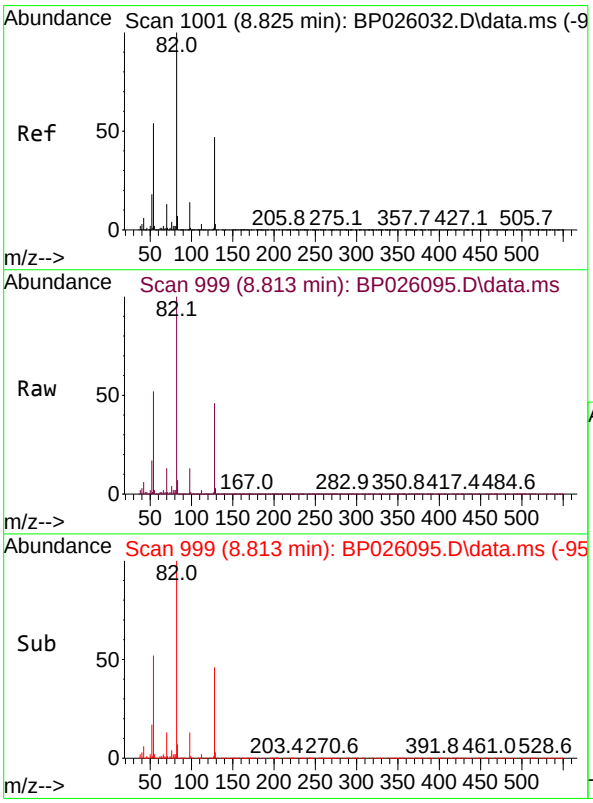
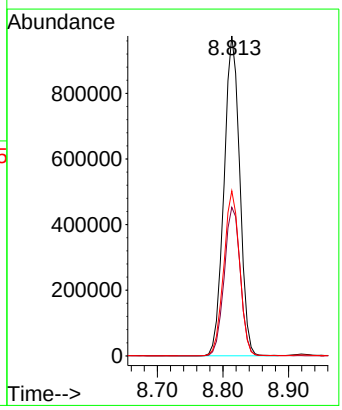
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

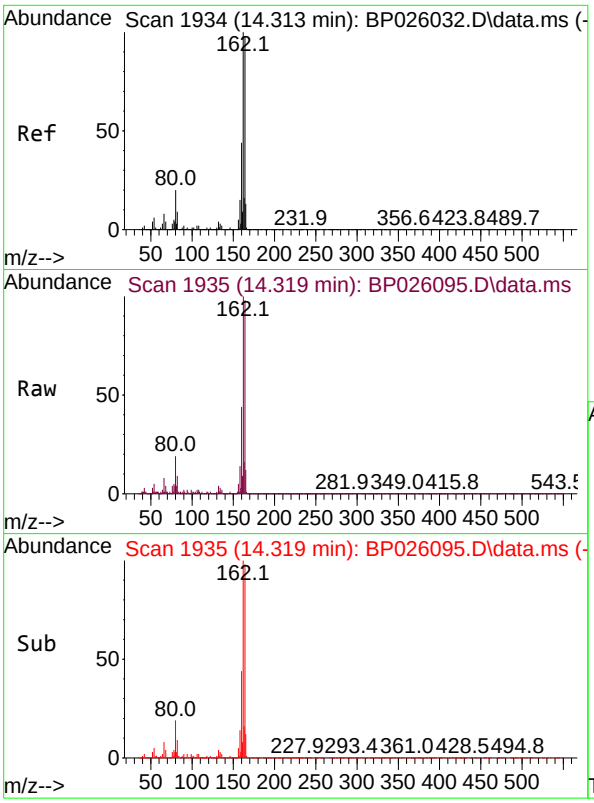


#23
Nitrobenzene-d5
Concen: 94.853 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.011 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion: 82 Resp: 1631315

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.4	56.0
54	51.6	42.7	64.1

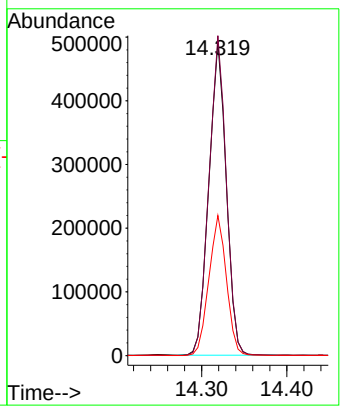




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:164 Resp: 697904

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.5	122.3
160	44.7	36.2	54.4



Instrument :
BNA_P
ClientSampleId :
MW-2

Manual Integrations
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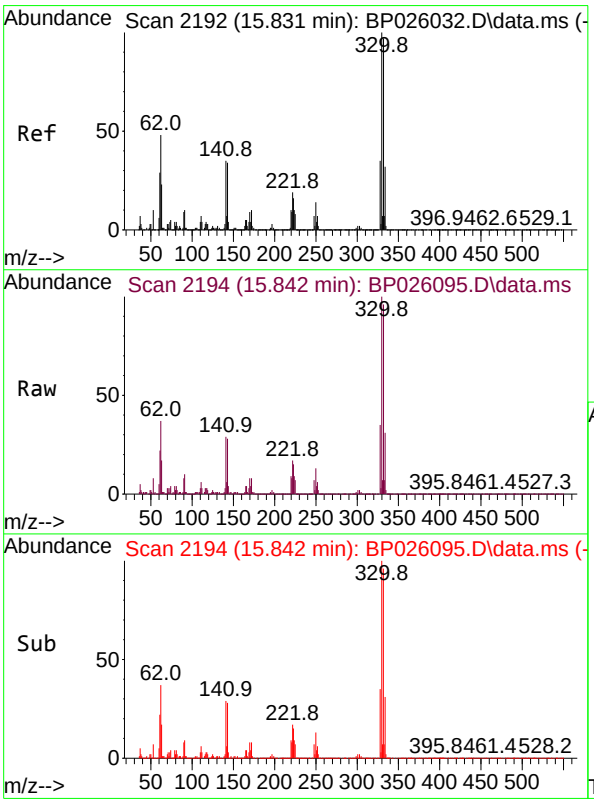
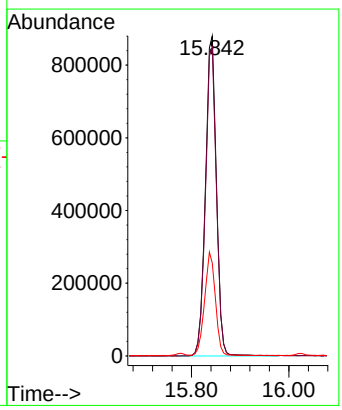
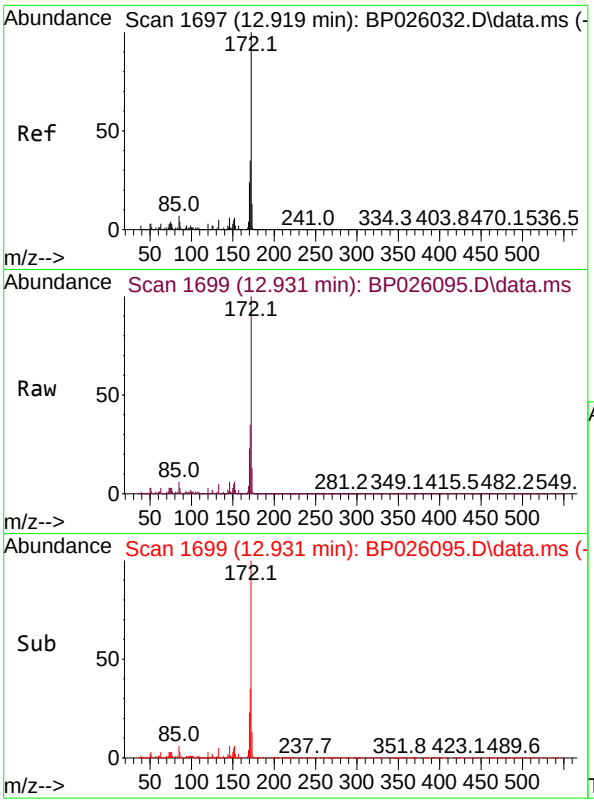


#42
2,4,6-Tribromophenol
Concen: 182.349 ng
RT: 15.842 min Scan# 2194
Delta R.T. 0.012 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:330 Resp: 1375825

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	31.7	28.6	42.8

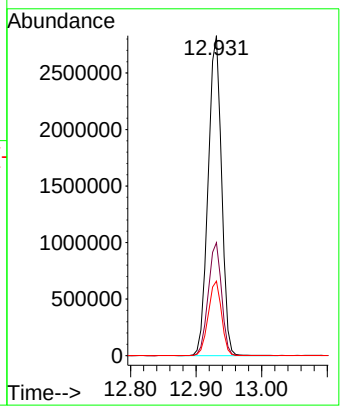




#45
2-Fluorobiphenyl
Concen: 82.455 ng
RT: 12.931 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:172 Resp: 400479

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.3	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
MW-2

Manual Integrations APPROVED

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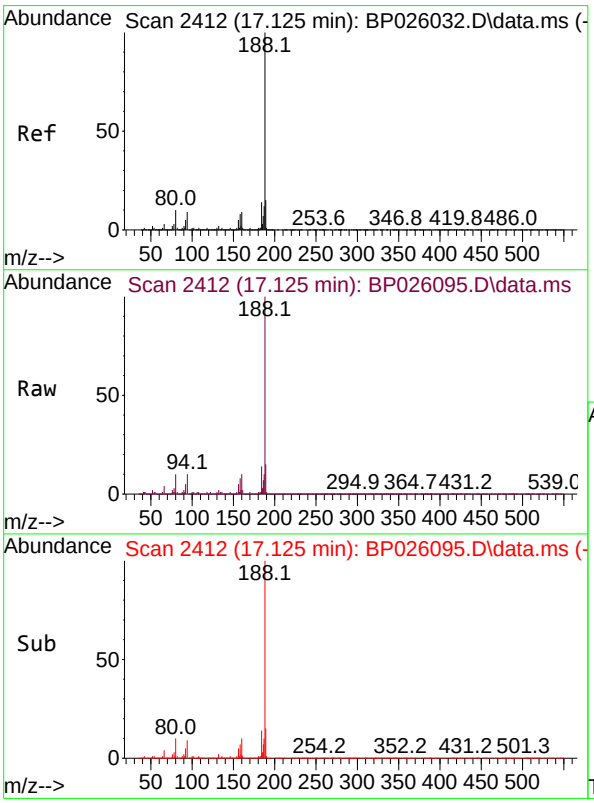
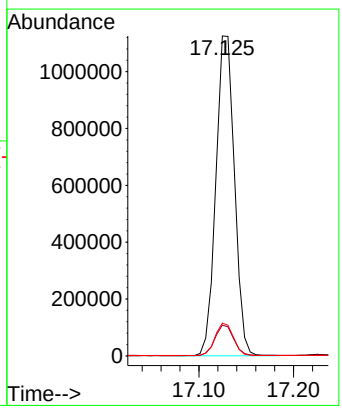
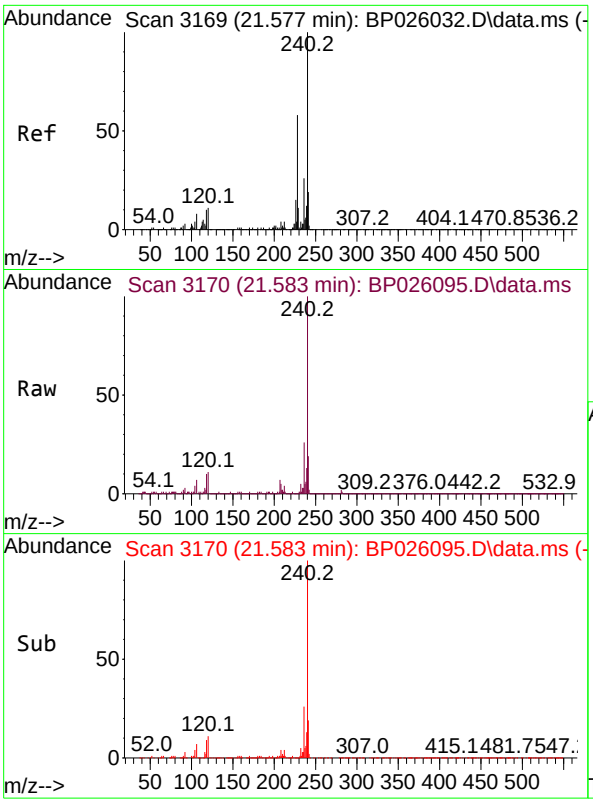


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:188 Resp: 1534727

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.1	10.7
80	10.2	7.9	11.9

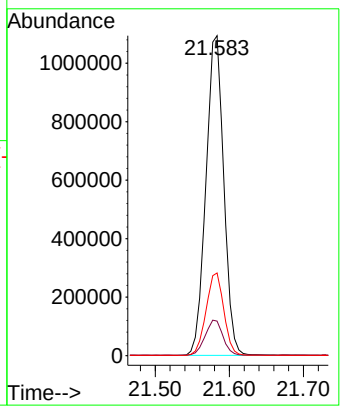




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:240 Resp: 182845

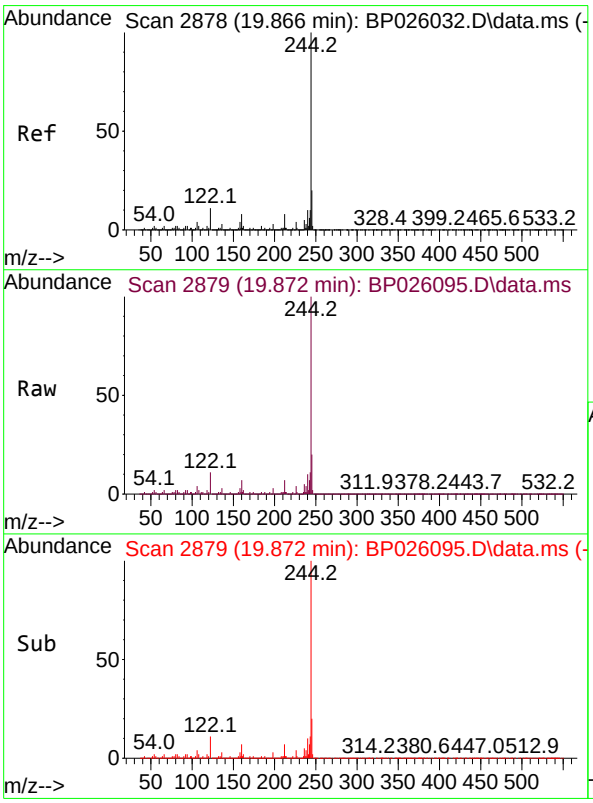
Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	25.8	20.6	31.0



Instrument :
BNA_P
ClientSampleId :
MW-2

Manual Integrations
APPROVED

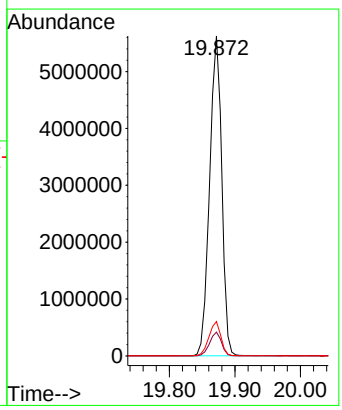
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

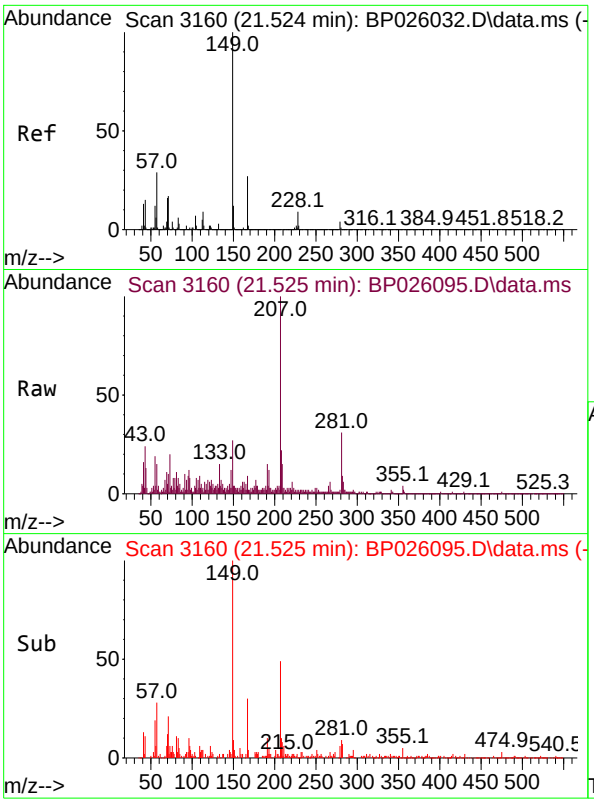


#79
Terphenyl-d14
Concen: 80.375 ng
RT: 19.872 min Scan# 2879
Delta R.T. 0.006 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:244 Resp: 7233493

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.7	9.0	13.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.936 ng m
RT: 21.525 min Scan# 3
Delta R.T. 0.007 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

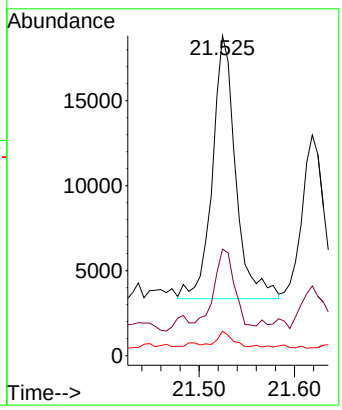
Tgt Ion:149 Resp: 2636

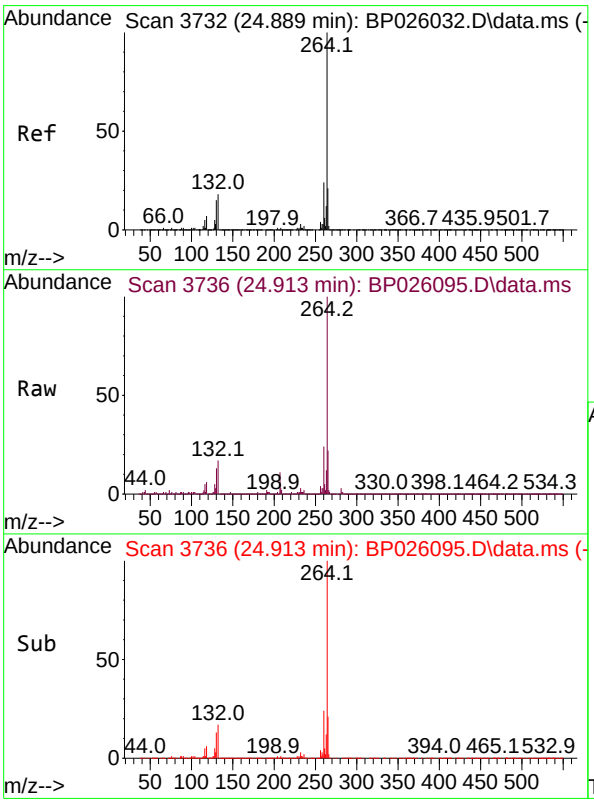
Ion	Ratio	Lower	Upper
149	100		
167	33.3	21.5	32.3#
279	7.6	3.0	4.6#

Instrument :
BNA_P
ClientSampleId :
MW-2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

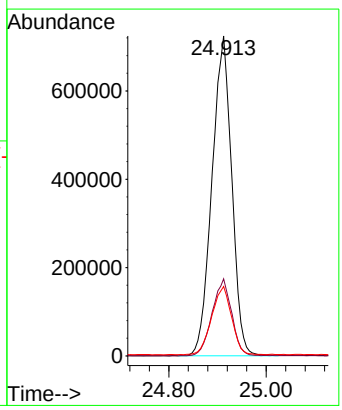




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.913 min Scan# 3736
Delta R.T. 0.030 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:264 Resp: 2040425

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.7	17.2	25.8



Sample Results: **BP026095.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-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: BP026095.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.226	45	49	62	rVB	474748	591429	2.95%	0.611%
2	5.149	370	376	387	rBV3	114862	218754	1.09%	0.226%
3	5.290	394	400	412	rBV	2789428	4250701	21.19%	4.394%
4	6.849	656	665	677	rBV	1911389	3010254	15.00%	3.112%
5	7.225	719	729	735	rBV	291577	503662	2.51%	0.521%
6	7.678	794	806	814	rBV	982458	1690060	8.42%	1.747%
7	8.813	991	999	1005	rBV	2850818	4848872	24.17%	5.012%
8	8.866	1005	1008	1013	rVB2	136663	210652	1.05%	0.218%
9	9.272	1071	1077	1084	rVB	171175	280530	1.40%	0.290%
10	9.396	1091	1098	1106	rVB3	347634	736242	3.67%	0.761%
11	9.866	1171	1178	1185	rVB2	160165	291245	1.45%	0.301%
12	10.002	1194	1201	1207	rVB3	137145	259217	1.29%	0.268%
13	10.443	1269	1276	1283	rBV	1203328	2080221	10.37%	2.150%
14	12.890	1685	1692	1693	rBV2	197218	300862	1.50%	0.311%
15	12.931	1693	1699	1712	rVB	7893222	11267823	56.16%	11.648%
16	13.225	1745	1749	1760	rVB3	193558	376151	1.87%	0.389%
17	14.237	1916	1921	1929	rBV2	129327	319546	1.59%	0.330%
18	14.319	1929	1935	1941	rVV	2066620	2974075	14.82%	3.074%
19	14.660	1989	1993	2002	rVB2	173028	271715	1.35%	0.281%
20	15.713	2166	2172	2178	rBV2	887159	1529332	7.62%	1.581%
21	15.766	2178	2181	2186	rVV4	172882	289927	1.44%	0.300%
22	15.837	2186	2193	2205	rVV	6414492	10307580	51.37%	10.655%
23	16.037	2220	2227	2233	rBV	3051111	5123490	25.54%	5.296%
24	16.290	2266	2270	2275	rBV	194265	294536	1.47%	0.304%
25	16.384	2281	2286	2291	rBV2	224659	367446	1.83%	0.380%
26	16.760	2346	2350	2357	rVB	234208	390536	1.95%	0.404%
27	17.131	2407	2413	2419	rBV2	2701853	3798720	18.93%	3.927%
28	17.701	2505	2510	2516	rBV3	132045	262258	1.31%	0.271%
29	17.772	2517	2522	2529	rVB	1275996	1914988	9.54%	1.980%
30	18.089	2571	2576	2585	rBV	1187826	2020014	10.07%	2.088%
31	18.954	2720	2723	2730	rVB2	138554	221523	1.10%	0.229%
32	19.266	2772	2776	2781	rBV	367997	533473	2.66%	0.551%
33	19.366	2789	2793	2799	rVB	1027474	1173352	5.85%	1.213%
34	19.425	2799	2803	2813	rVB	383657	567695	2.83%	0.587%
35	19.872	2870	2879	2886	rBV	15346569	20064290	100.00%	20.741%
36	20.048	2906	2909	2913	rBV	202089	242075	1.21%	0.250%

Sample Results: **BP026095.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-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

37	20.201	2933	2935	2940	rVB	249104	292306	1.46%	0.302%
38	20.736	3023	3026	3032	rBV	236399	307118	1.53%	0.317%
39	20.819	3036	3040	3047	rVB	1172507	1479643	7.37%	1.530%
40	21.278	3114	3118	3125	rBV	367902	561340	2.80%	0.580%
41	21.583	3164	3170	3179	rVB	2872286	4897099	24.41%	5.062%
42	21.760	3197	3200	3206	rVB	234752	311817	1.55%	0.322%
43	24.913	3726	3736	3749	rVB	1898680	5303069	26.43%	5.482%

Sum of corrected areas: 96735638

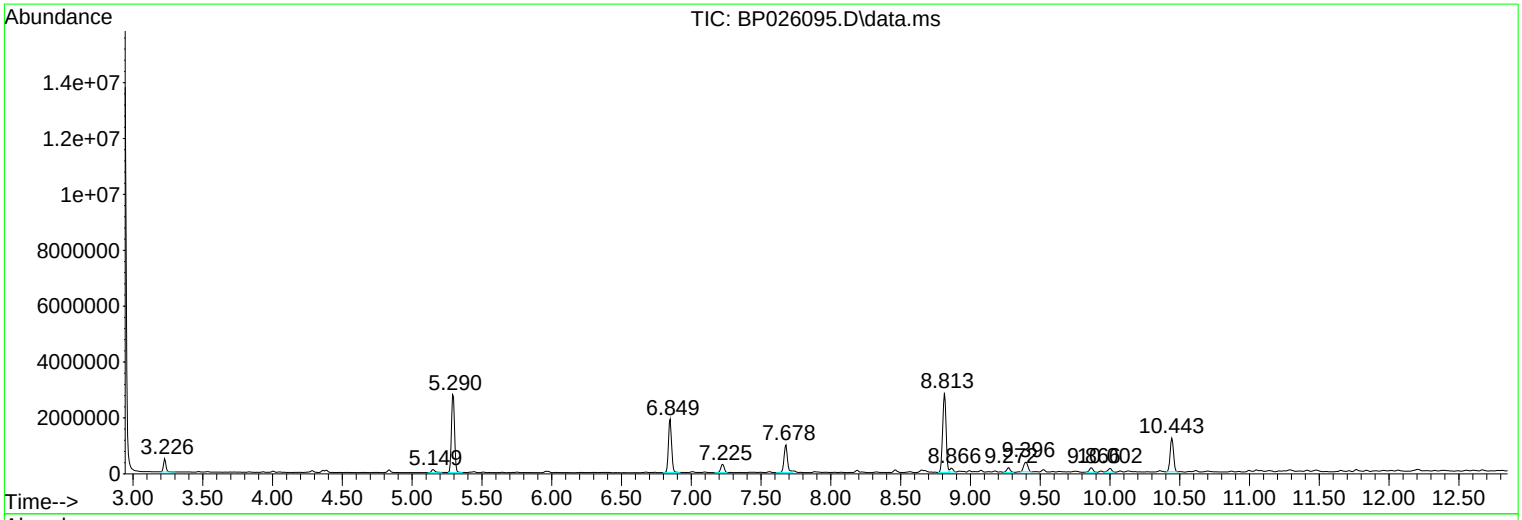
Sample Results: **BP026095.D**

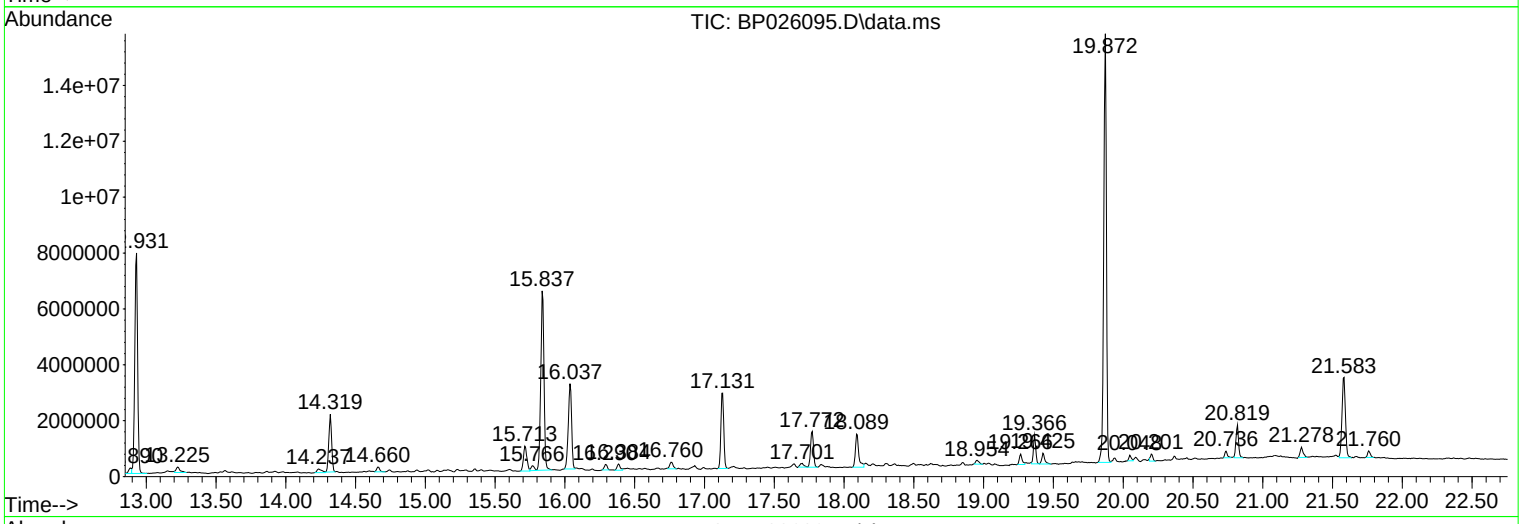
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

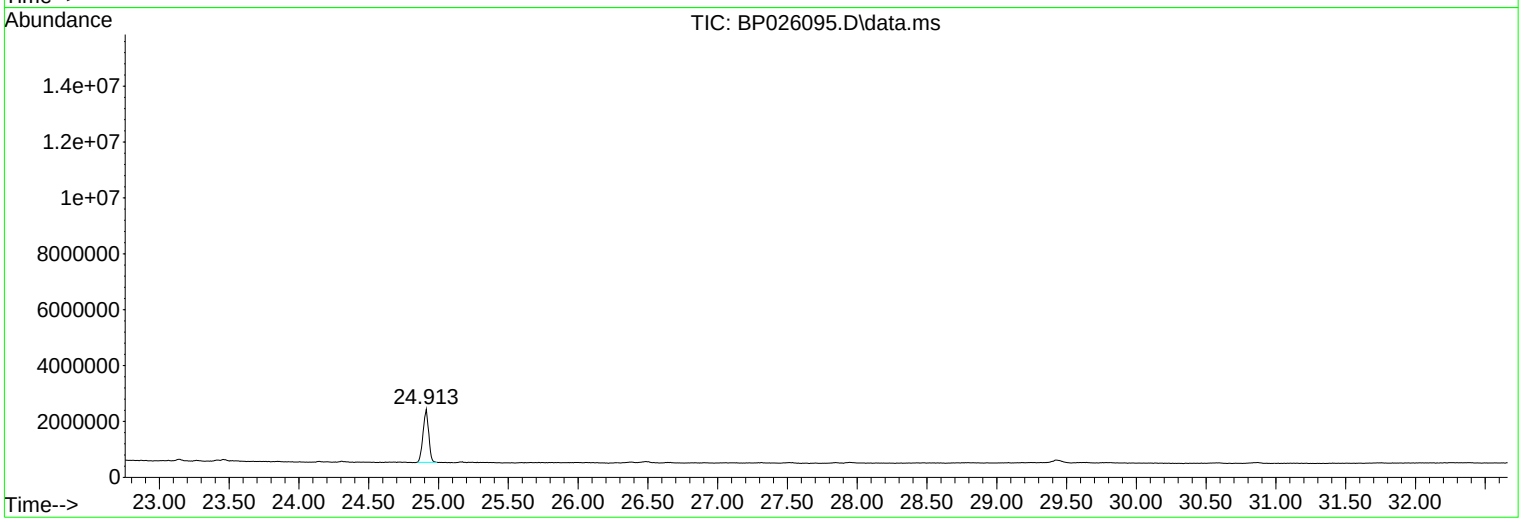
Instrument :
BNA_P
ClientSampleId :
MW-2

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\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

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

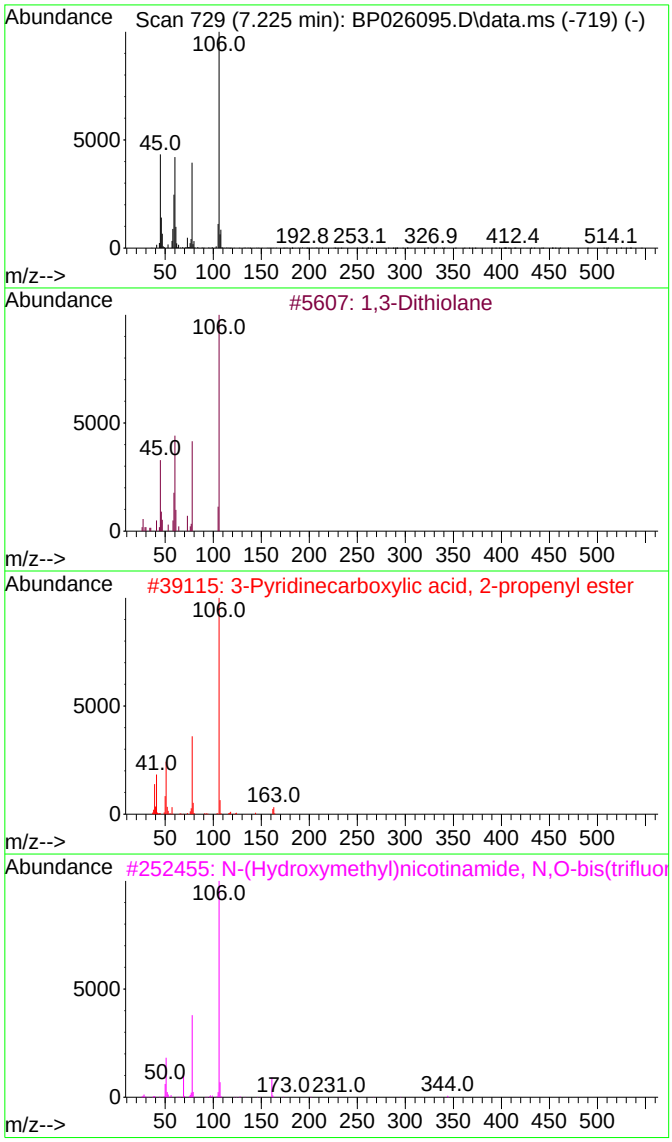
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

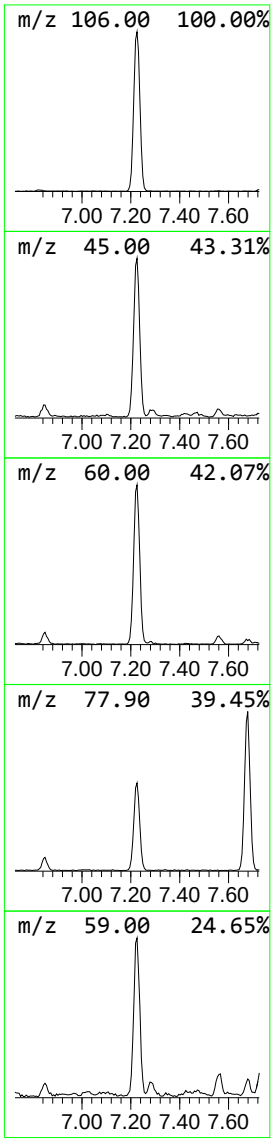
****

Peak Number 2 1,3-Dithiolane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.225	5.96 ng	503662	1,4-Dichlorobenzene-d4	7.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dithiolane	106	C3H6S2	004829-04-3	94
2	3-Pyridinecarboxylic acid, 2-pro...	163	C9H9NO2	025635-12-5	32
3	N-(Hydroxymethyl)nicotinamide, N...	344	C11H6F6N2O4	1000462-03-5	23
4	Propanoic acid, 3-(ethylthio)-	134	C5H10O2S	007244-82-8	10
5	Carbonothioic dihydrazide	106	CH6N4S	002231-57-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

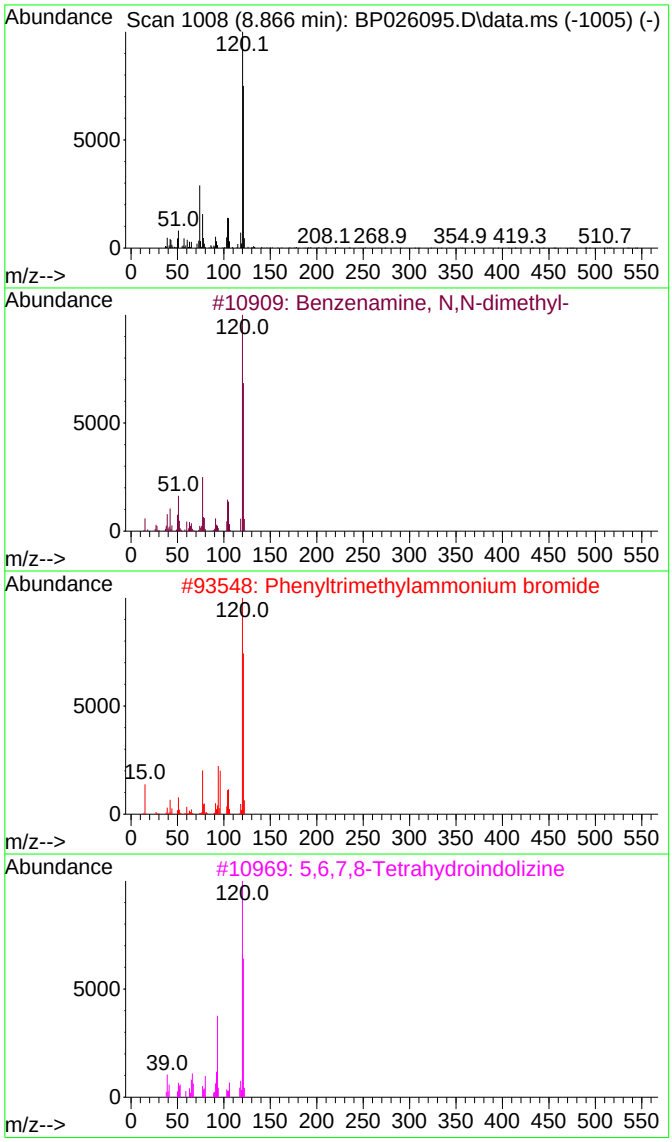
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

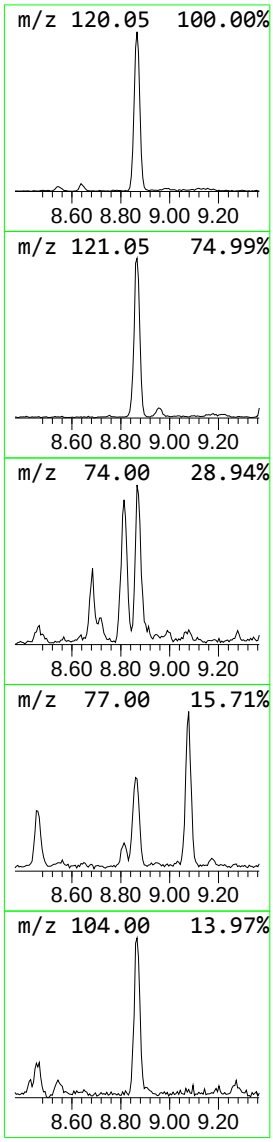
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzenamine, N,N-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.866	2.49 ng	210652	1,4-Dichlorobenzene-d4	7.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N,N-dimethyl-	121	C8H11N	000121-69-7	90
2	Phenyltrimethylammonium bromide	215	C9H14BrN	016056-11-4	86
3	5,6,7,8-Tetrahydroindolizine	121	C8H11N	013618-88-7	64
4	Pyridine, 2-ethyl-6-methyl-	121	C8H11N	001122-69-6	59
5	N-(2-Cyanoethyl)-N-methylaniline	160	C10H12N2	000094-34-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

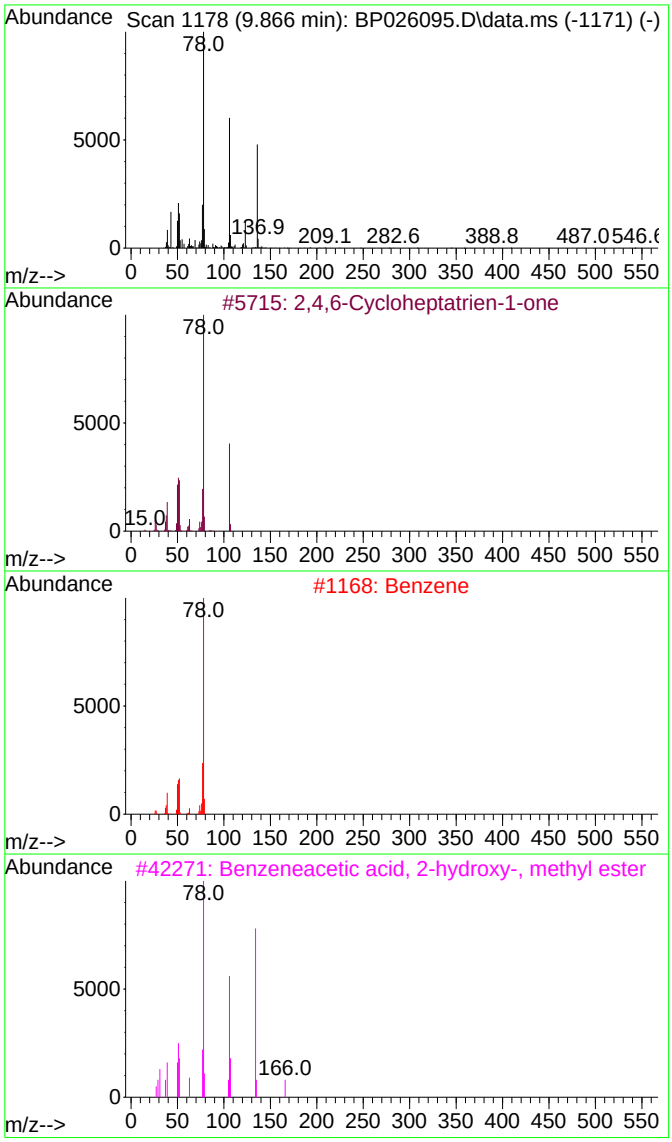
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

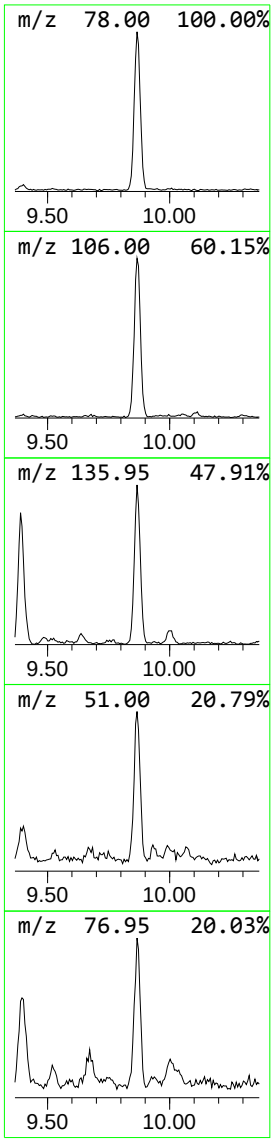
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,4,6-Cycloheptatrien-1-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.866	2.80 ng	291245	Naphthalene-d8	10.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	87
2	Benzene	78	C6H6	000071-43-2	76
3	Benzeneacetic acid, 2-hydroxy-, ...	166	C9H10O3	022446-37-3	72
4	3-Isonicotinoylhydrazono-N-(2-py...	297	C15H15N5O2	299970-72-2	72
5	Ethanone, 1-(3-pyridinyl)-	121	C7H7NO	000350-03-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

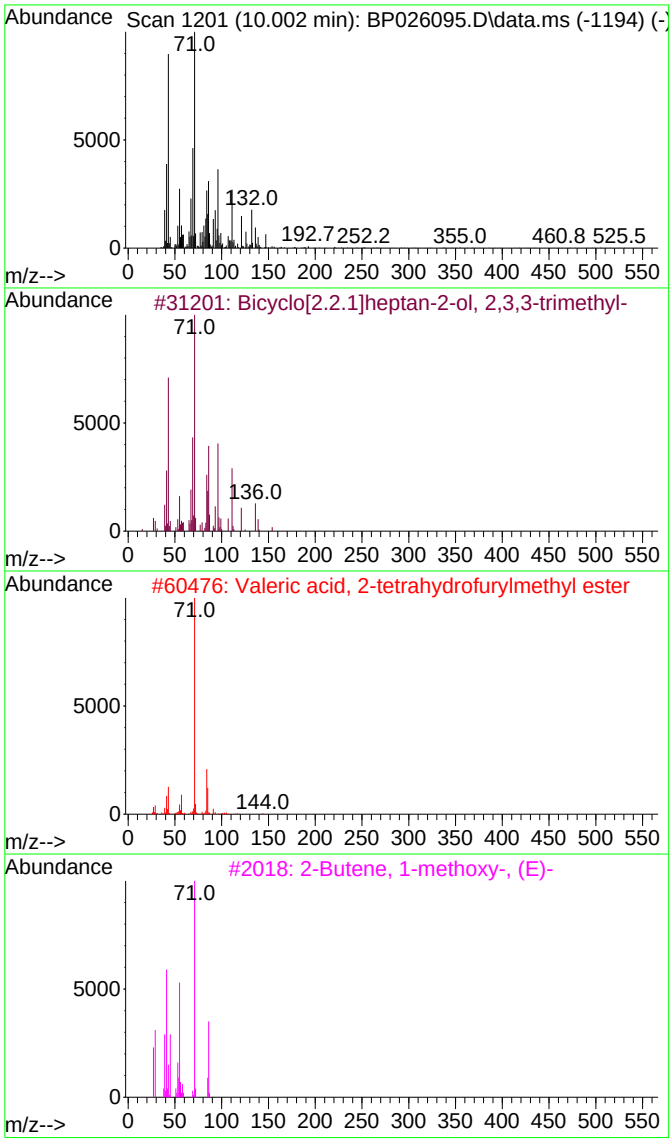
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

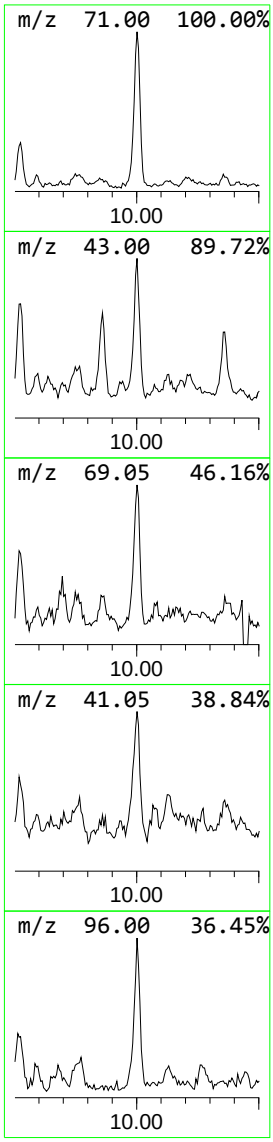
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.002	2.49 ng	259217	Naphthalene-d8	10.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 2,3,3...	154	C10H18O	000465-31-6	87
2	Valeric acid, 2-tetrahydrofurylm...	186	C10H18O3	005451-86-5	38
3	2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	38
4	(Z)-CH3CH2CH=CH(OCH3)	86	C5H10O	010034-12-5	35
5	1-Butene, 1-methoxy-	86	C5H10O	029512-02-5	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

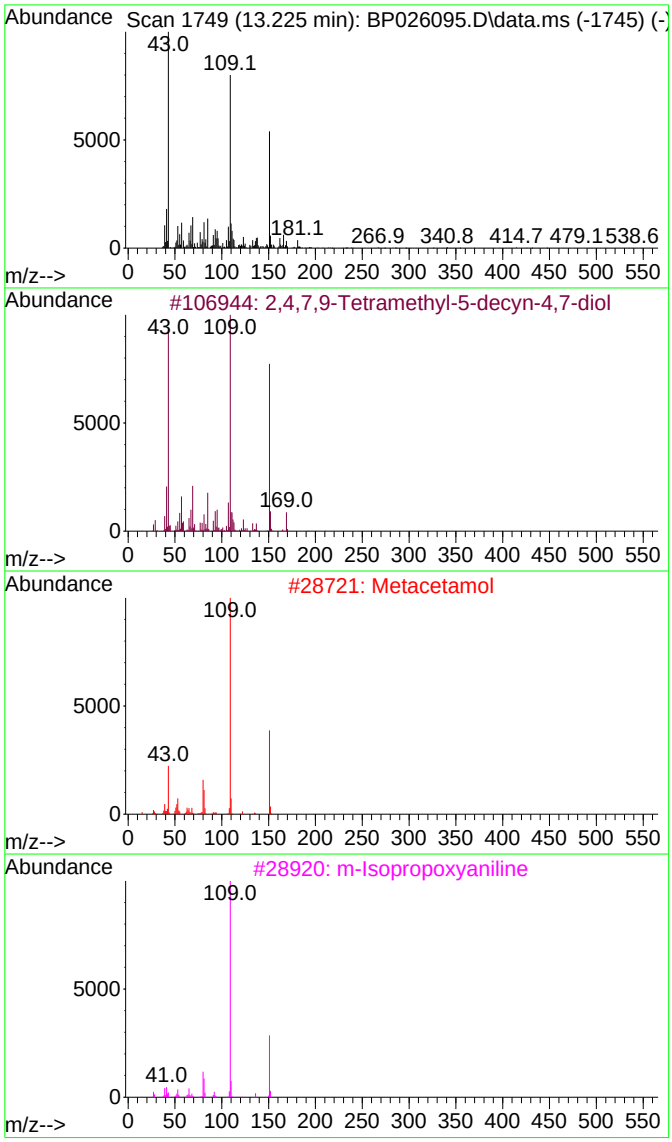
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

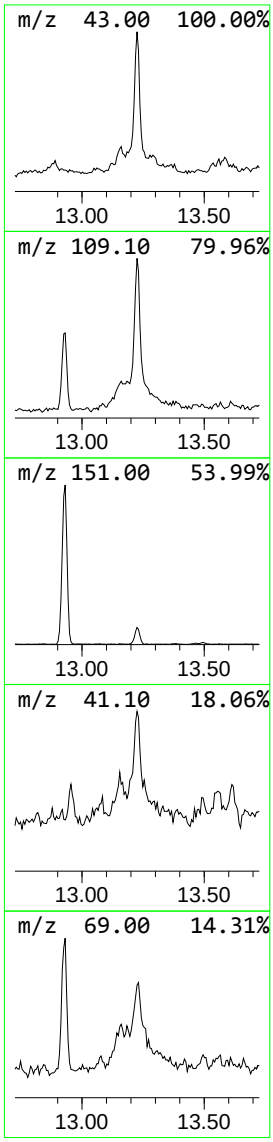
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.225	2.53 ng	376151	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	Metacetamol	151	C8H9NO2	000621-42-1	68
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	58
4	Acetaminophen	151	C8H9NO2	000103-90-2	53
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

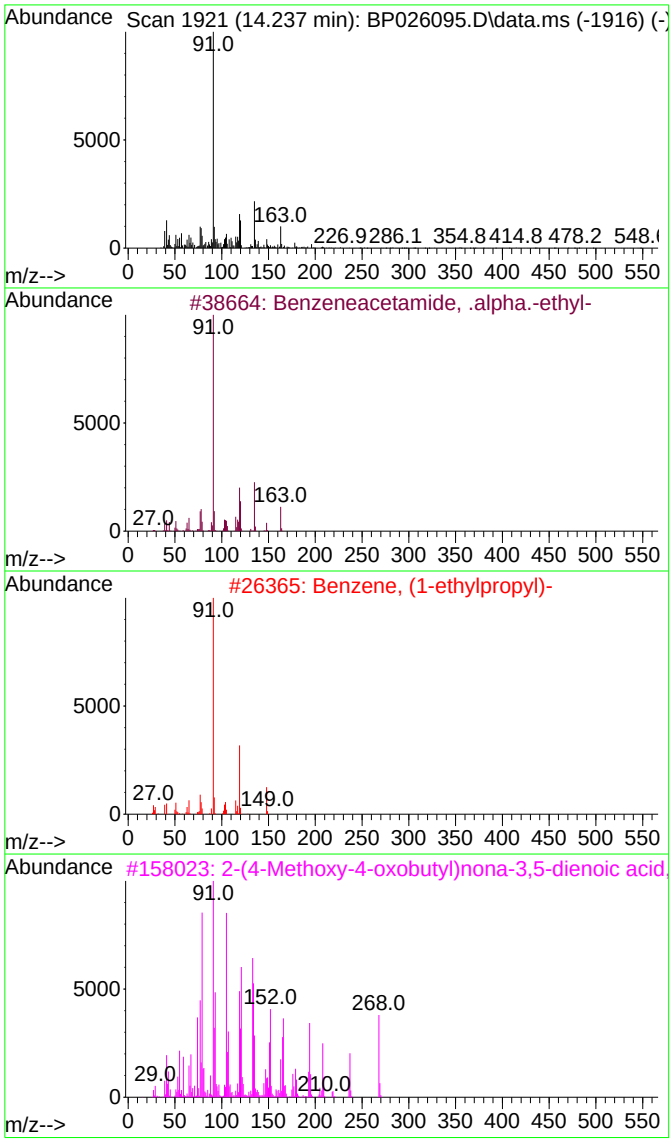
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

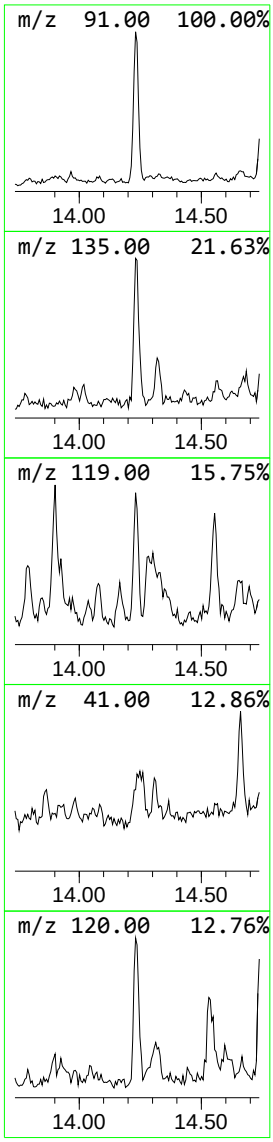
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzeneacetamide, .alpha.-e... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.237	2.15 ng	319546	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetamide, .alpha.-ethyl-	163	C10H13NO	000090-26-6	96
2	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	43
3	2-(4-Methoxy-4-oxobutyl)nona-3,5...	268	C15H24O4	1000503-94-7	30
4	Benzene, (2-isothiocyanatoethyl)-	163	C9H9NS	002257-09-2	30
5	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	30





Sample Results: **BP026095.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

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

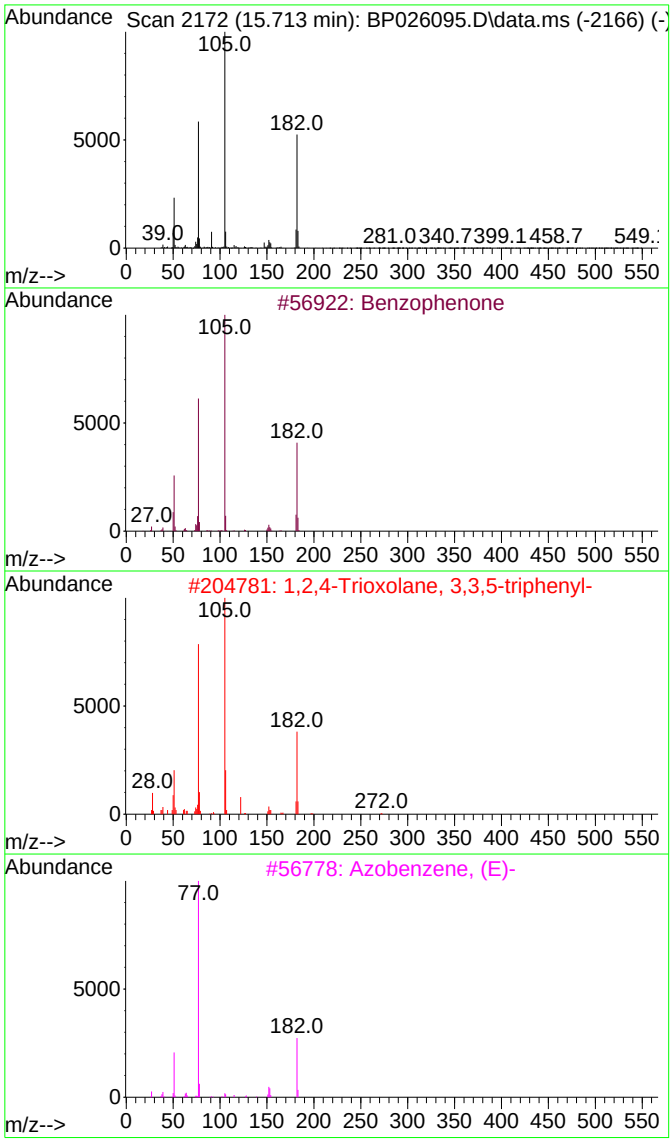
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

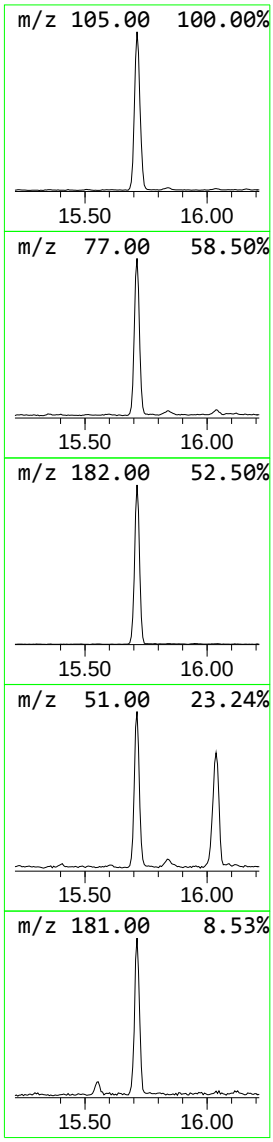
****

Peak Number 10 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.713	10.28 ng	1529330	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-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	56
3	Azobenzene, (E)-	182	C12H10N2	017082-12-1	42
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\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

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

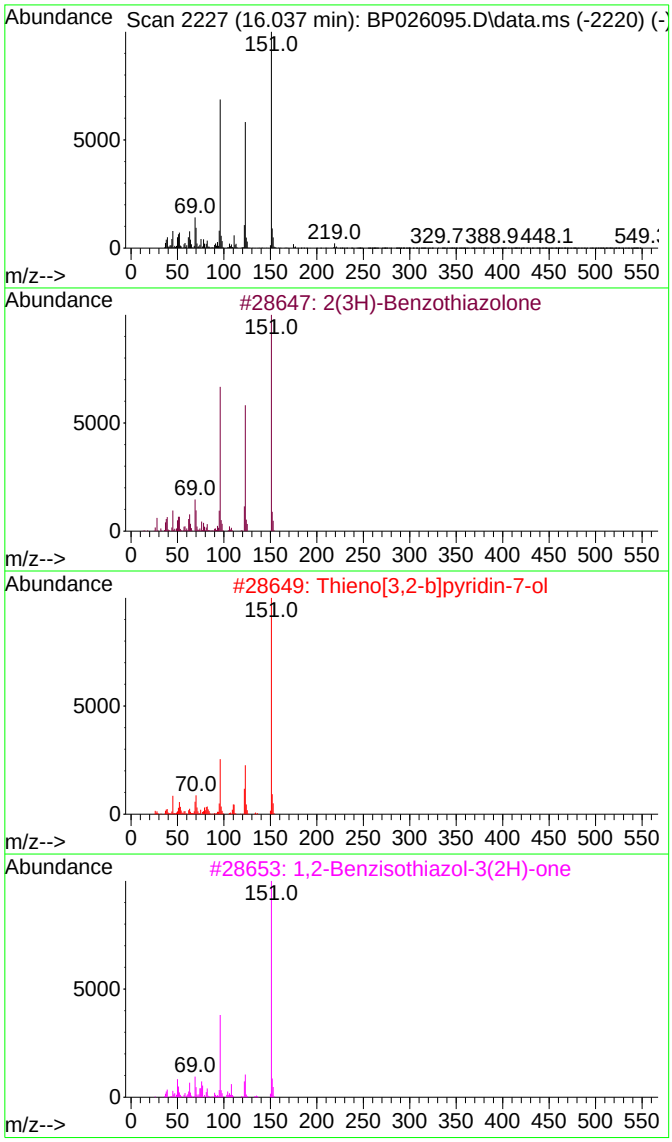
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

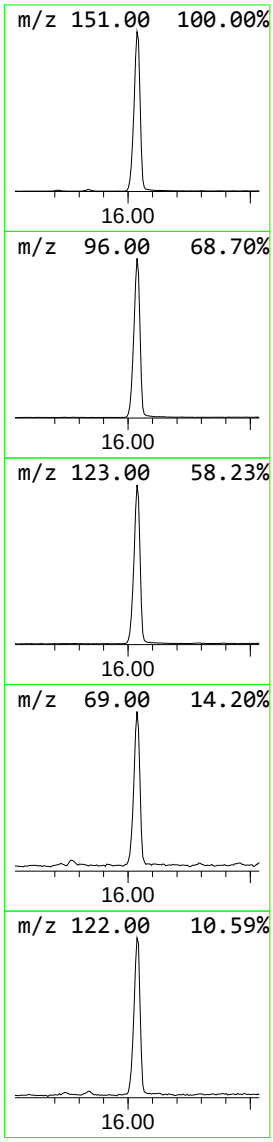
****

Peak Number 11 2(3H)-Benzothiazolone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.037	26.97 ng	5123490	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	97
2	Thieno[3,2-b]pyridin-7-ol	151	C7H5NOS	107818-20-2	76
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	59
4	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	53
5	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

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

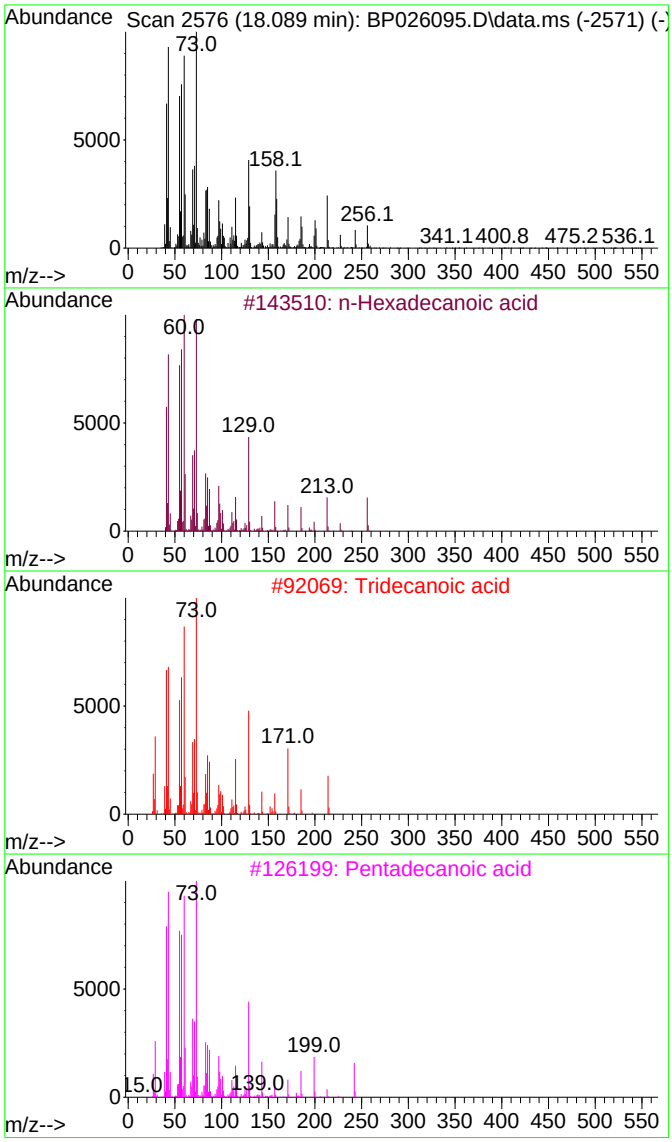
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

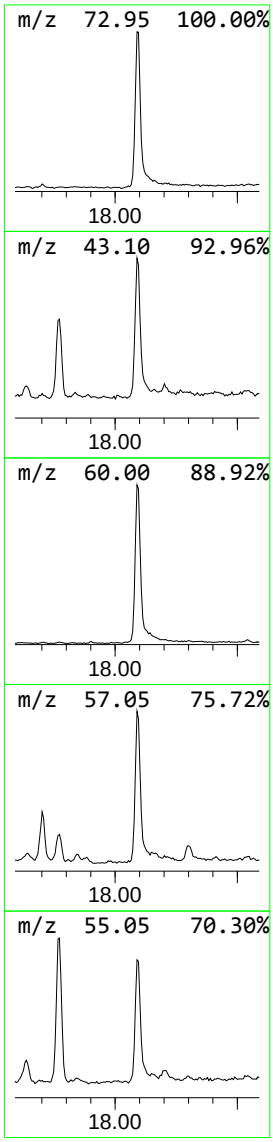
****

Peak Number 14 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.089	10.64 ng	2020010	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4	Dodecanoic acid	200	C12H24O2	000143-07-7	60
5	Undecanoic acid	186	C11H22O2	000112-37-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-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

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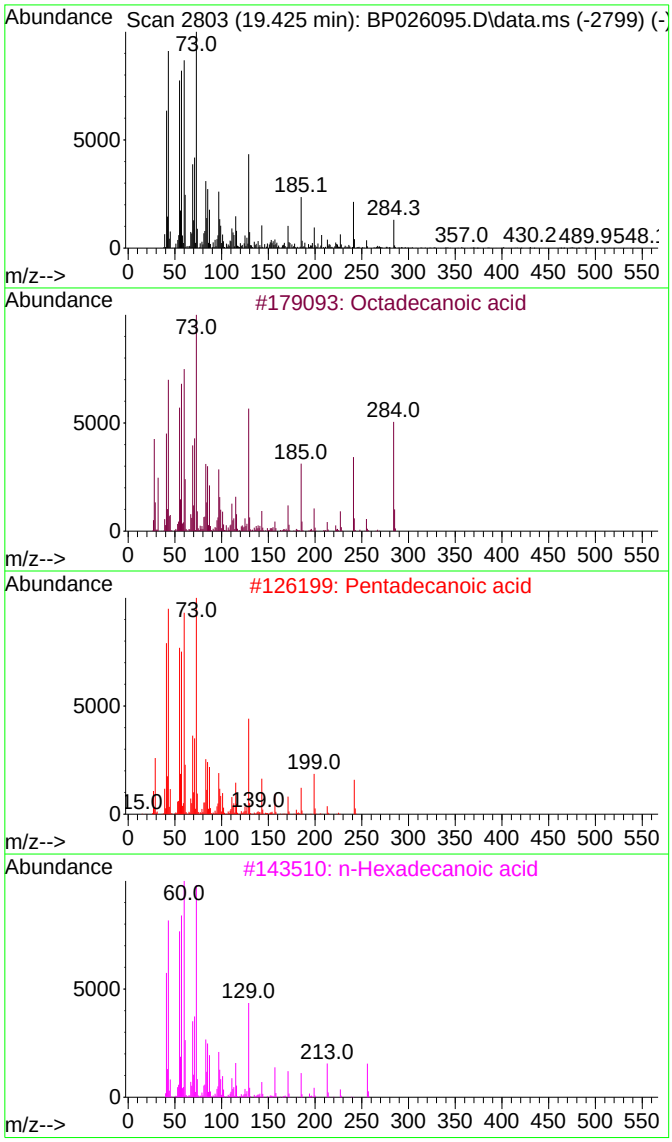
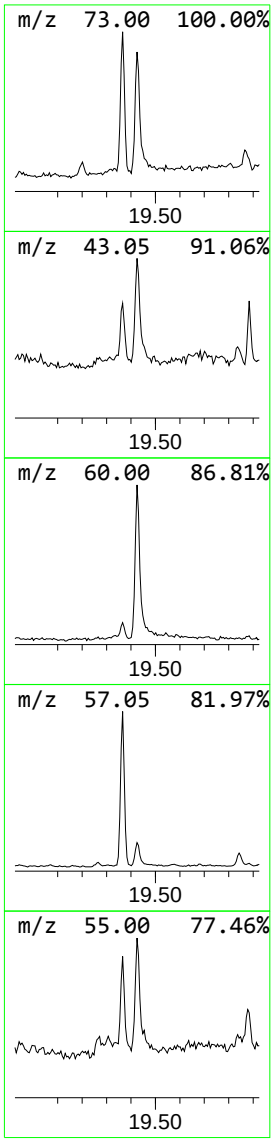
Peak Number 17 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.425	2.32 ng	567695	Chrysene-d12	21.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-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

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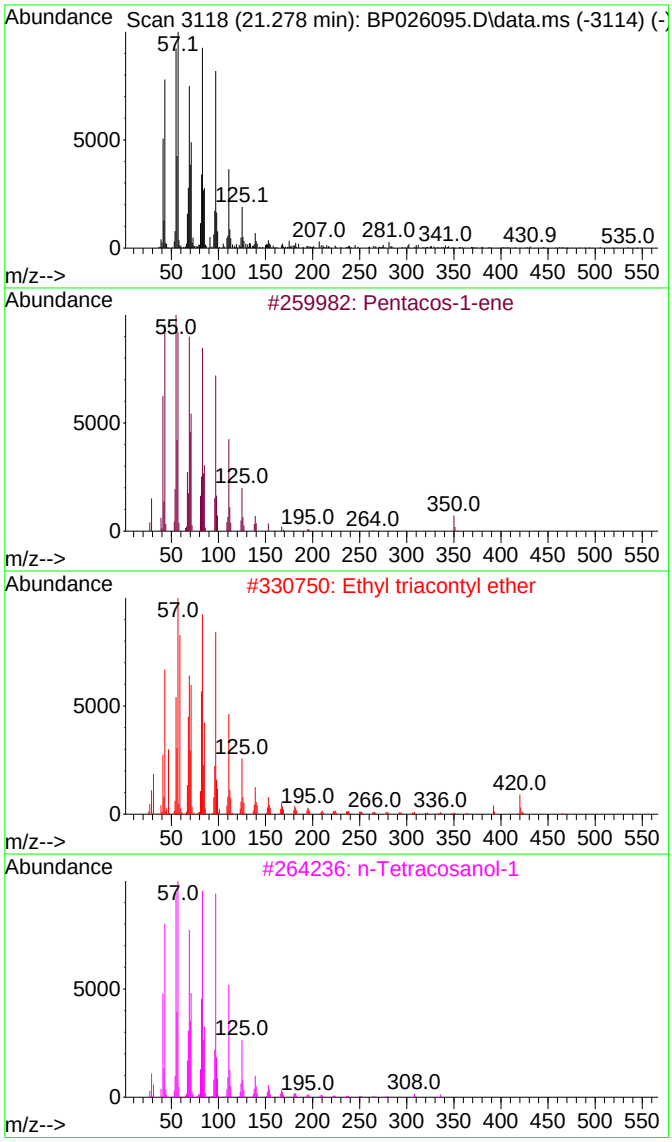
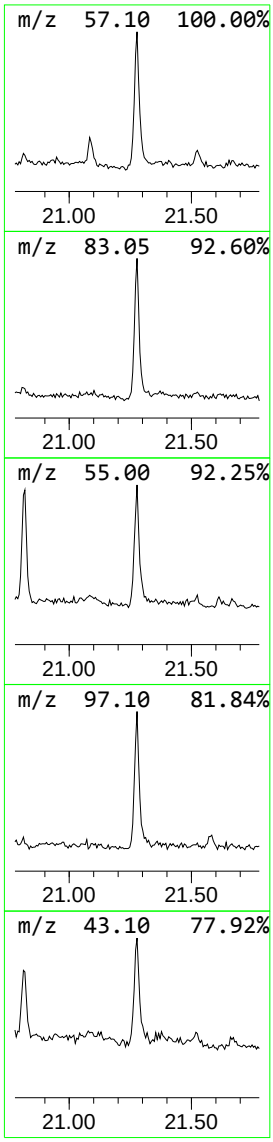
Peak Number 19 Pentacos-1-ene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.278	2.29 ng	561340	Chrysene-d12	21.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacos-1-ene	350	C25H50	016980-85-1	96
2	Ethyl triacontyl ether	467	C32H66O	1000406-37-1	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
Operator : RC/JU
Sample : Q3569-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-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
1,3-Dithiolane	7.225	6.0	ng	503662	1	7.678	1690060	20.0
Benzenamine, N,...	8.866	2.5	ng	210652	1	7.678	1690060	20.0
2,4,6-Cycloheptr...	9.866	2.8	ng	291245	2	10.443	2080220	20.0
Bicyclo[2.2.1]h...	10.002	2.5	ng	259217	2	10.443	2080220	20.0
2,4,7,9-Tetrame...	13.225	2.5	ng	376151	3	14.319	2974080	20.0
Benzeneacetamid...	14.237	2.1	ng	319546	3	14.319	2974080	20.0
Benzophenone	15.713	10.3	ng	1529330	3	14.319	2974080	20.0
2(3H)-Benzothia...	16.037	27.0	ng	5123490	4	17.125	3798720	20.0
n-Hexadecanoic ...	18.089	10.6	ng	2020010	4	17.125	3798720	20.0
Octadecanoic acid	19.425	2.3	ng	567695	5	21.583	4897100	20.0
Pentacos-1-ene	21.278	2.3	ng	561340	5	21.583	4897100	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026096.D
Acq On : 11 Nov 2025 18:55
Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12

Quant Time: Nov 12 01:46:48 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

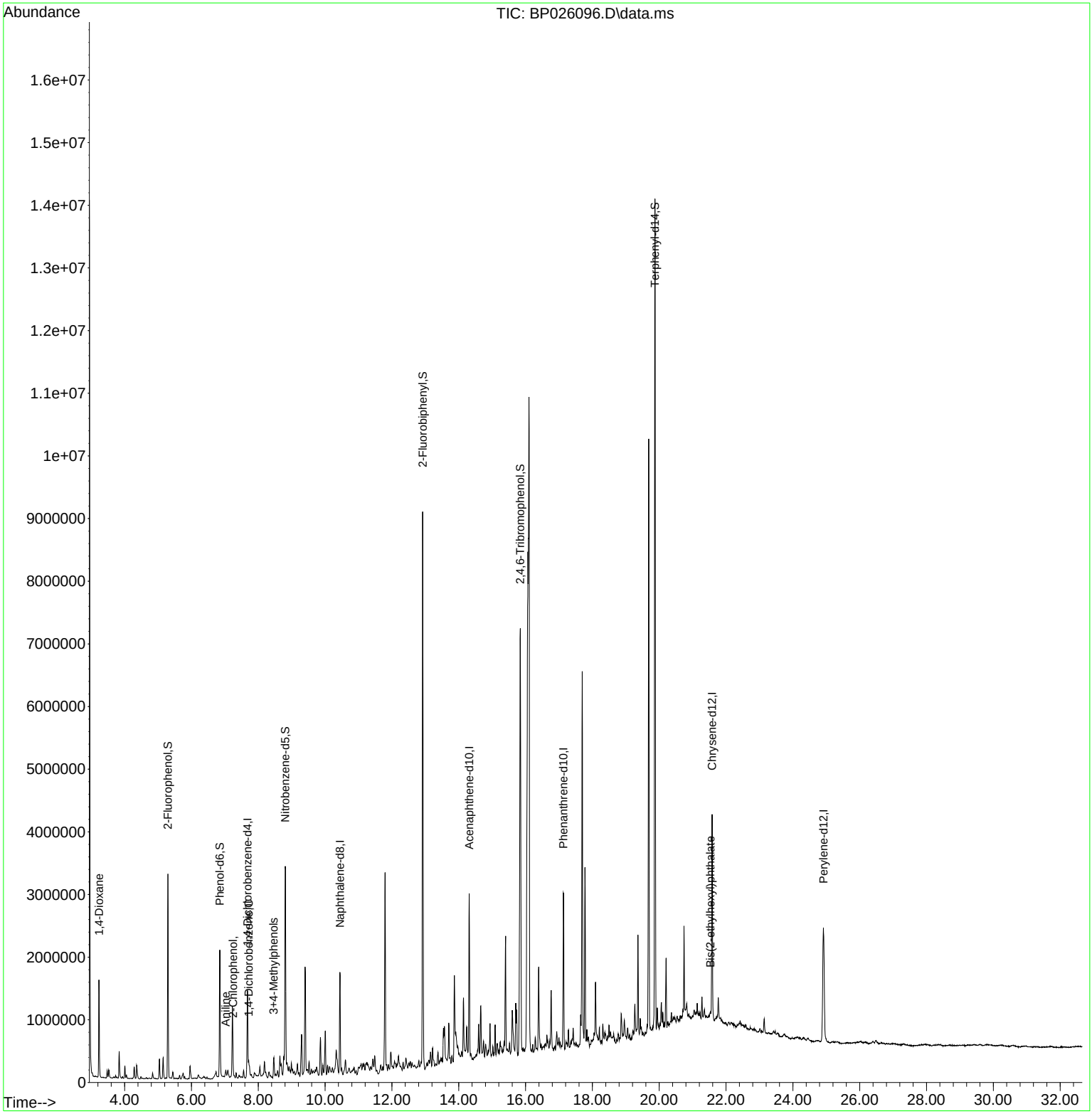
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	346728	20.000	ng		-0.01
21) Naphthalene-d8	10.443	136	1352865	20.000	ng		-0.01
39) Acenaphthene-d10	14.313	164	840321	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	1658313	20.000	ng		0.00
76) Chrysene-d12	21.583	240	1893823	20.000	ng		0.02
86) Perylene-d12	24.912	264	2202758	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1427999	67.959	ng		0.00
7) Phenol-d6	6.849	99	1210081	45.245	ng		0.00
23) Nitrobenzene-d5	8.807	82	2056955	94.784	ng		-0.02
42) 2,4,6-Tribromophenol	15.842	330	1448875	159.485	ng		0.01
45) 2-Fluorobiphenyl	12.919	172	4874140	83.346	ng		-0.01
79) Terphenyl-d14	19.872	244	7516183	80.633	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	771130	87.052	ng		97
6) Aniline	7.025	93	110347	3.091	ng		99
8) 2-Chlorophenol	7.249	128	51862	2.229	ng		99
13) 1,4-Dichlorobenzene	7.713	146	97714	3.617	ng		98
20) 3+4-Methylphenols	8.460	107	70746	2.616	ng	#	43
84) Bis(2-ethylhexyl)phtha...	21.530	149	24005	2.895	ng	#	87

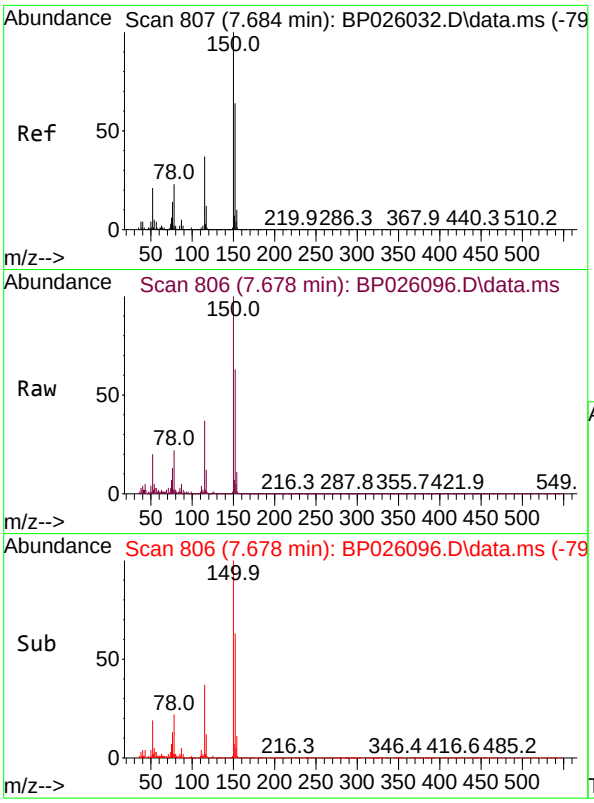
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026096.D
Acq On : 11 Nov 2025 18:55
Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12

Quant Time: Nov 12 01:46:48 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



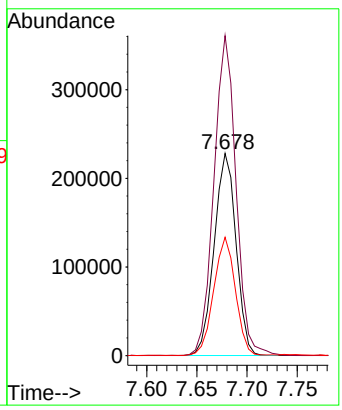


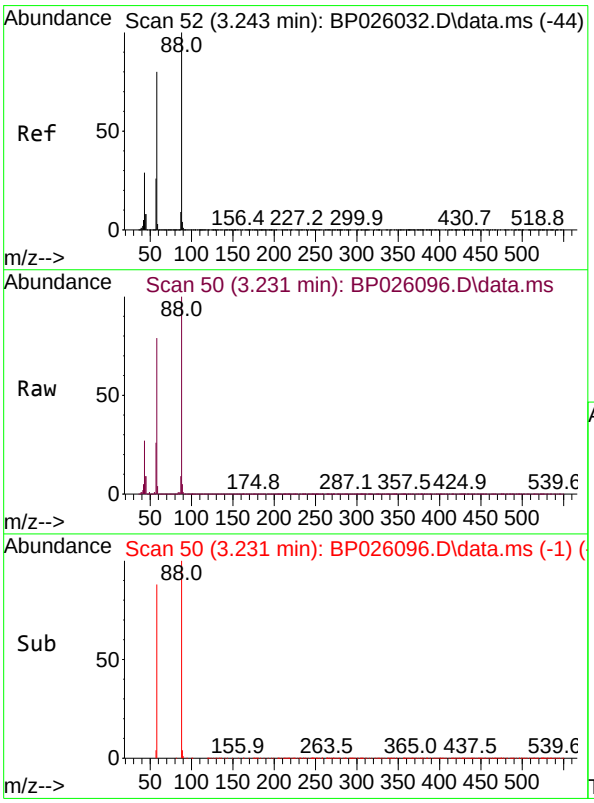
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:152 Resp: 346728

Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.7	188.5
115	58.5	46.4	69.6

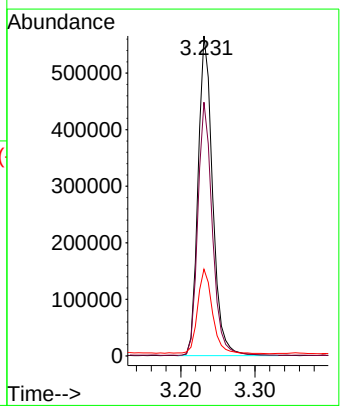


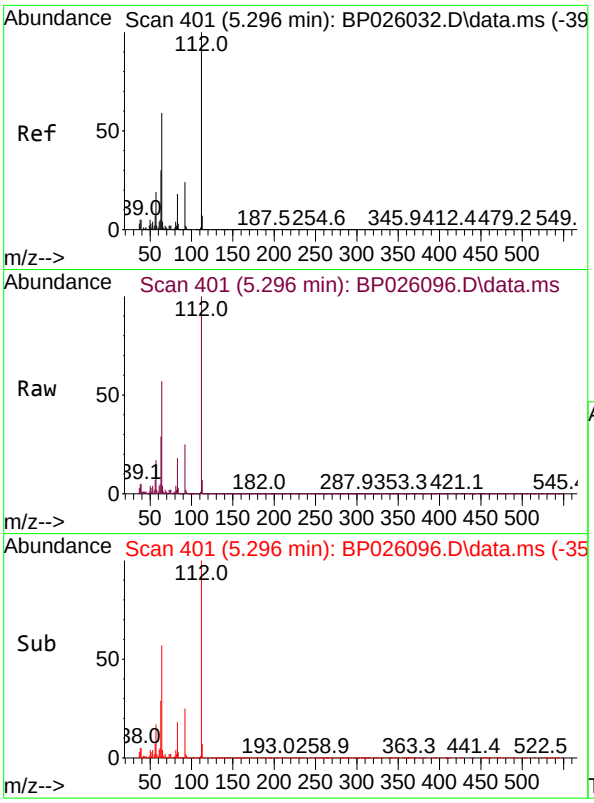


#2
1,4-Dioxane
Concen: 87.052 ng
RT: 3.231 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion: 88 Resp: 771130

Ion	Ratio	Lower	Upper
88	100		
58	78.6	65.4	98.0
43	27.1	23.1	34.7



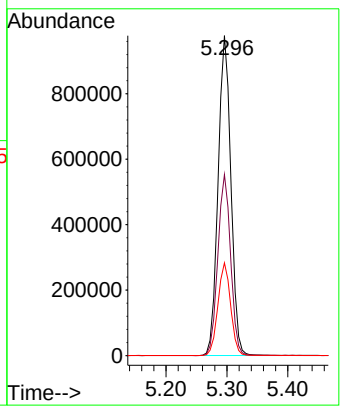


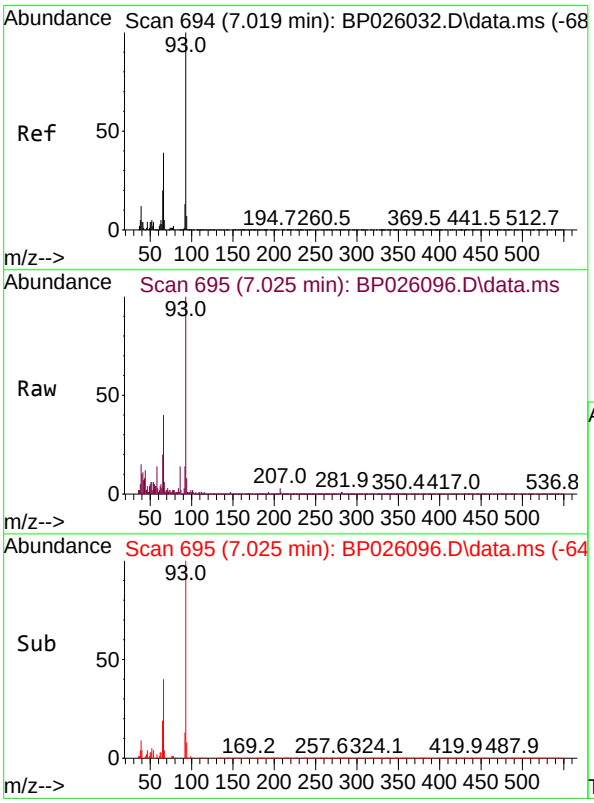
#5
2-Fluorophenol
Concen: 67.959 ng
RT: 5.296 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:112 Resp: 1427999

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.4	71.2
63	29.0	24.2	36.4

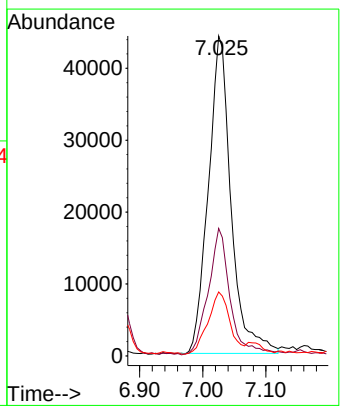


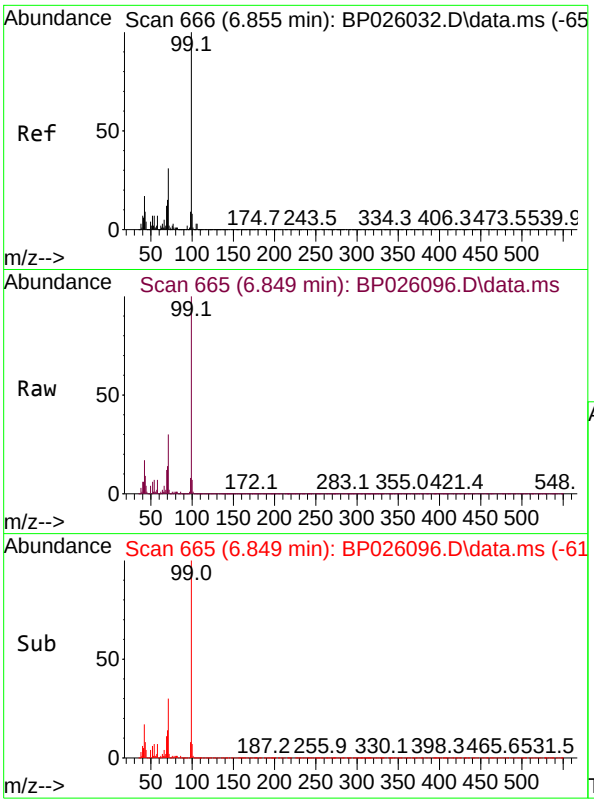


#6
Aniline
Concen: 3.091 ng
RT: 7.025 min Scan# 695
Delta R.T. 0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion: 93 Resp: 110347

Ion	Ratio	Lower	Upper
93	100		
66	39.8	31.2	46.8
65	20.0	16.1	24.1



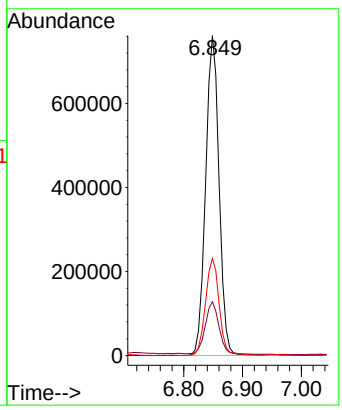


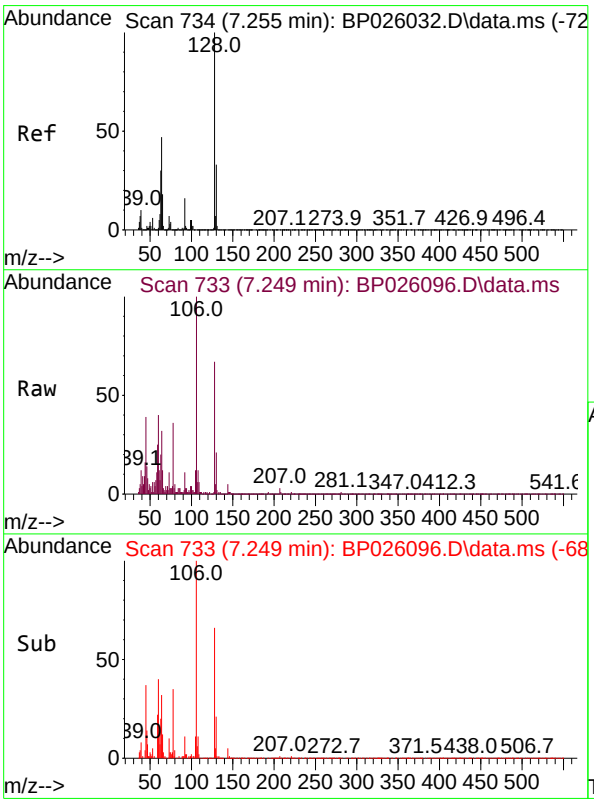
#7
Phenol-d6
Concen: 45.245 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion: 99 Resp: 1210081

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.7	20.5
71	30.4	24.4	36.6

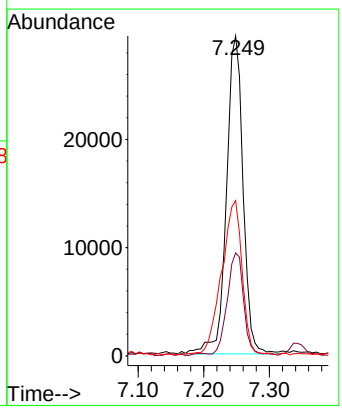




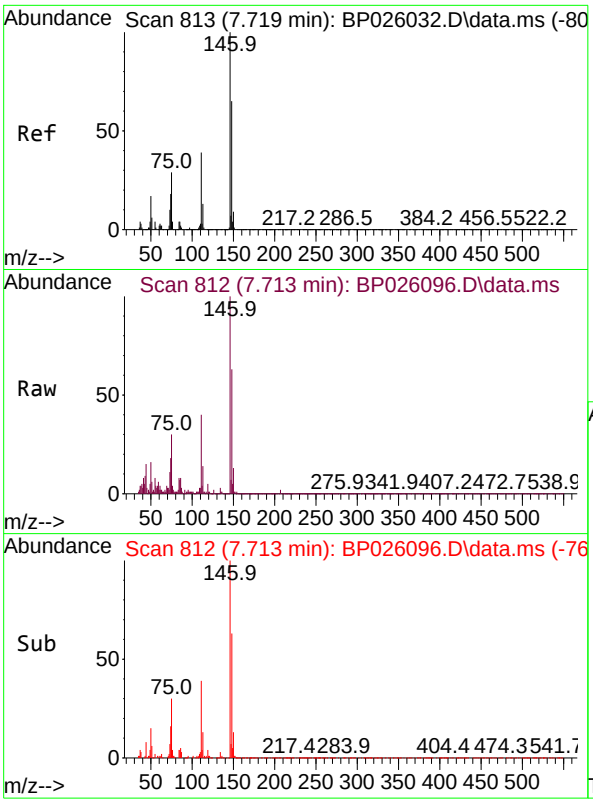
#8
2-Chlorophenol
Concen: 2.229 ng
RT: 7.249 min Scan# 733
Delta R.T. -0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:128 Resp: 51862

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.7	52.7
64	48.5	27.4	67.4



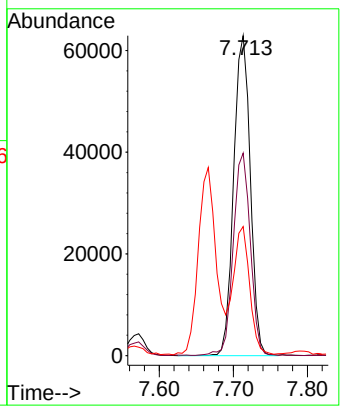
Instrument :
BNA_P
ClientSampleId :
MW-12

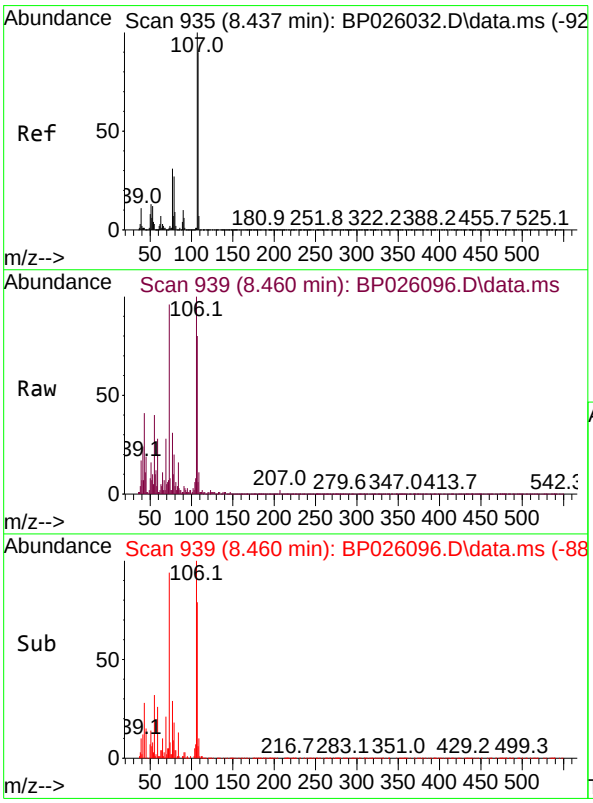


#13
1,4-Dichlorobenzene
Concen: 3.617 ng
RT: 7.713 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:146 Resp: 97714

Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	40.3	31.3	46.9

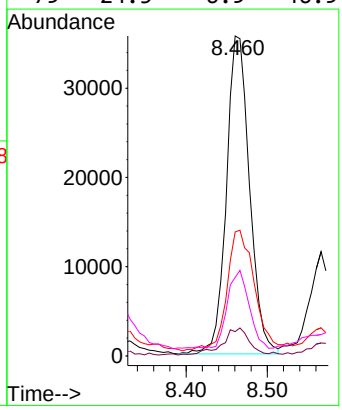


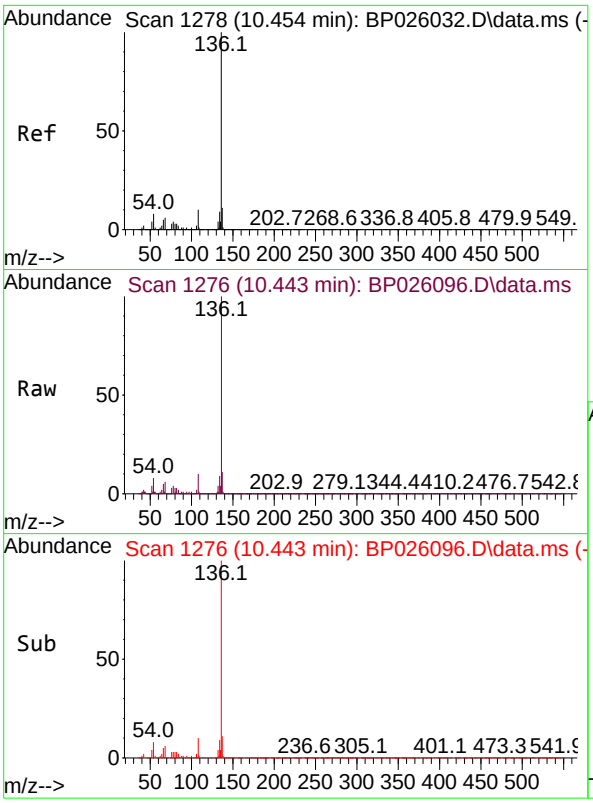


#20
3+4-Methylphenols
Concen: 2.616 ng
RT: 8.460 min Scan# 939
Delta R.T. 0.018 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:107 Resp: 70746

Ion	Ratio	Lower	Upper
107	100		
108	7.6	70.1	110.1#
77	38.7	10.7	50.7
79	24.5	6.9	46.9



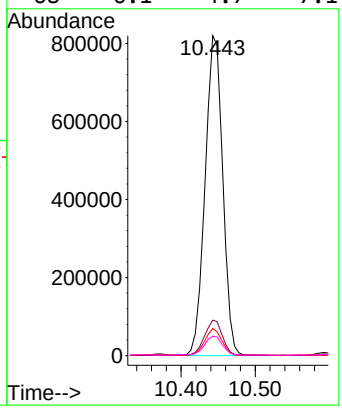


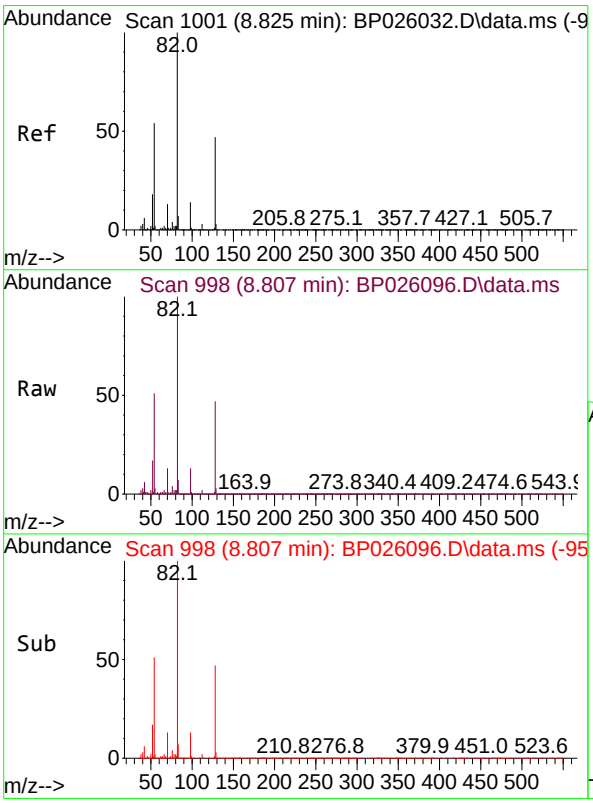
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:136 Resp: 1352865

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.5	6.6	10.0
68	6.1	4.7	7.1

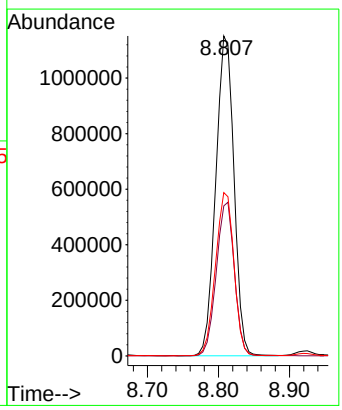


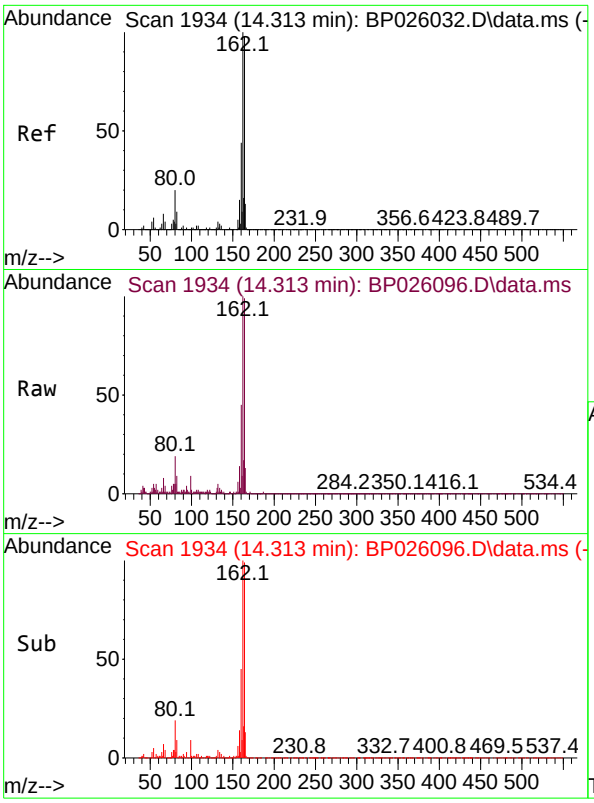


#23
Nitrobenzene-d5
Concen: 94.784 ng
RT: 8.807 min Scan# 998
Delta R.T. -0.018 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion: 82 Resp: 2056955

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.4	56.0
54	51.0	42.7	64.1



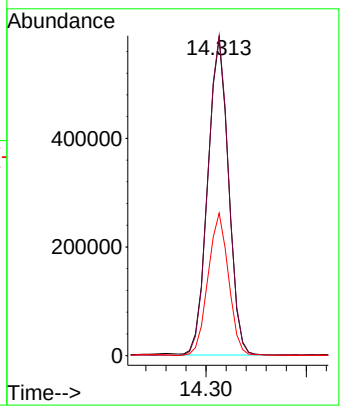


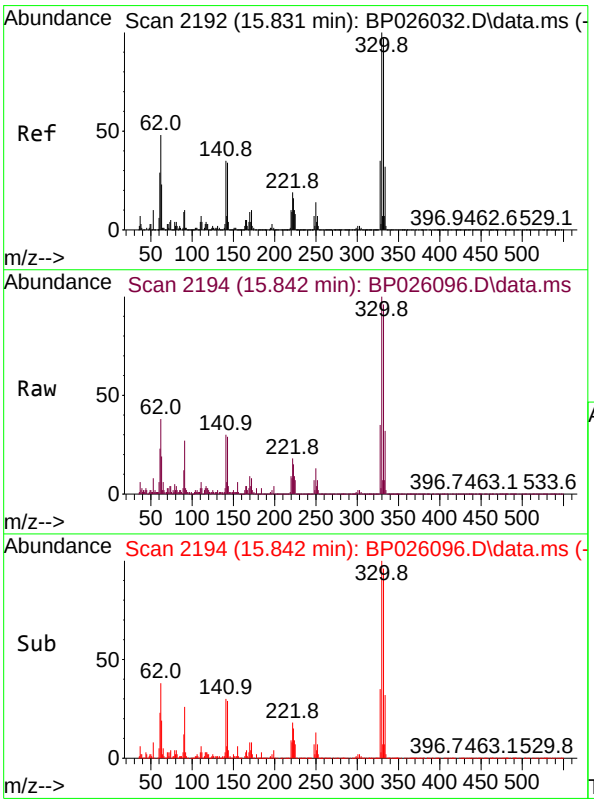
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:164 Resp: 840321

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.5	122.3
160	45.0	36.2	54.4

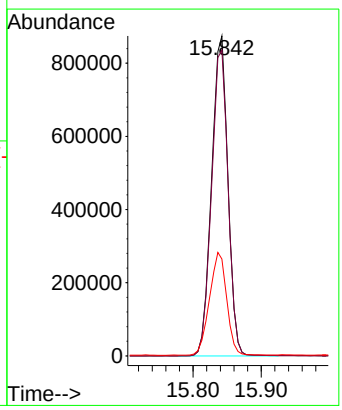


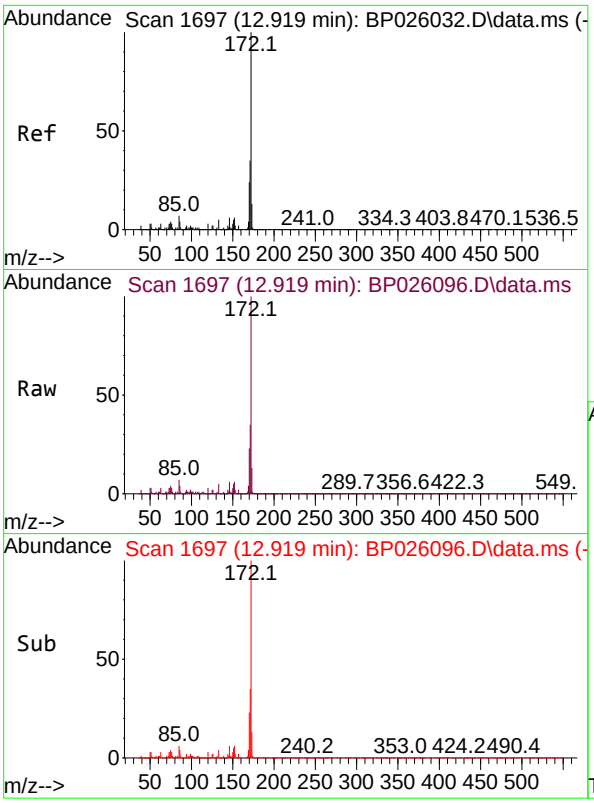


#42
2,4,6-Tribromophenol
Concen: 159.485 ng
RT: 15.842 min Scan# 2194
Delta R.T. 0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:330 Resp: 1448875

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	33.9	28.6	42.8



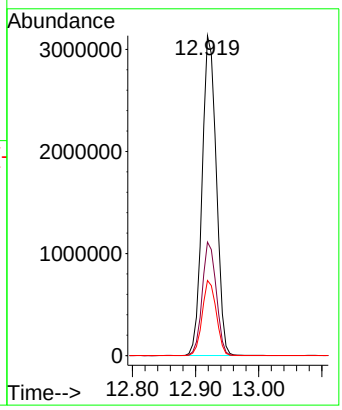


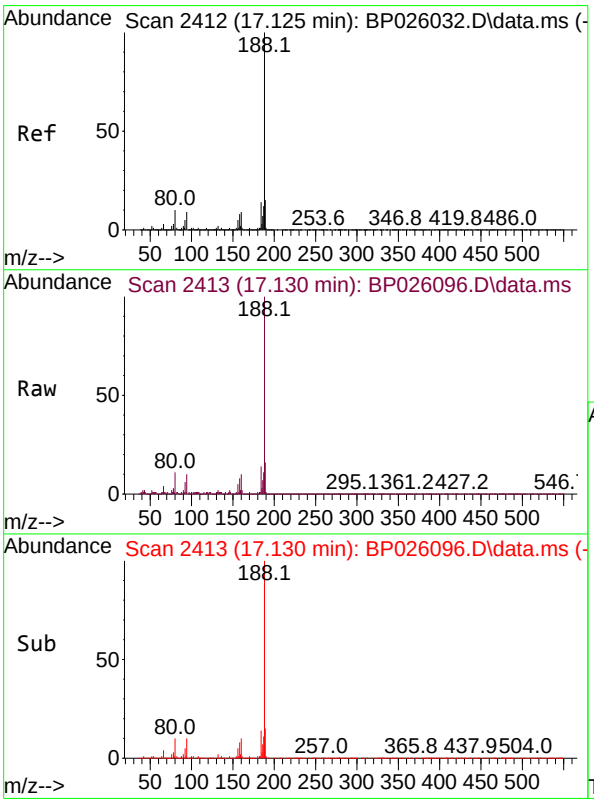
#45
2-Fluorobiphenyl
Concen: 83.346 ng
RT: 12.919 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:172 Resp: 4874140

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	23.5	19.0	28.4

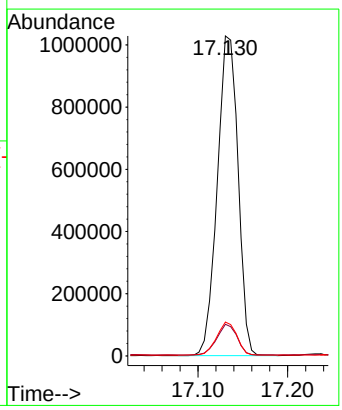


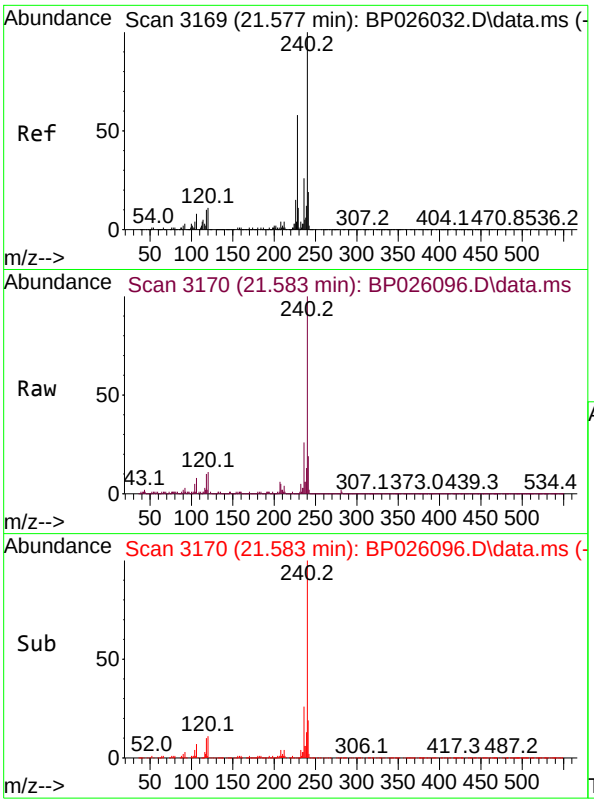


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.130 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:188 Resp: 1658313

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.1	10.7
80	10.6	7.9	11.9



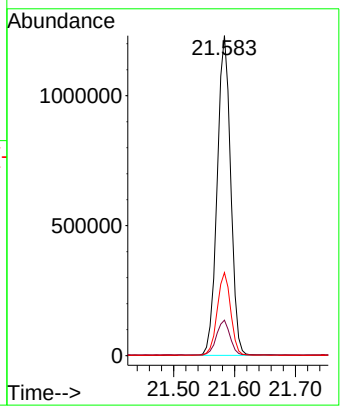


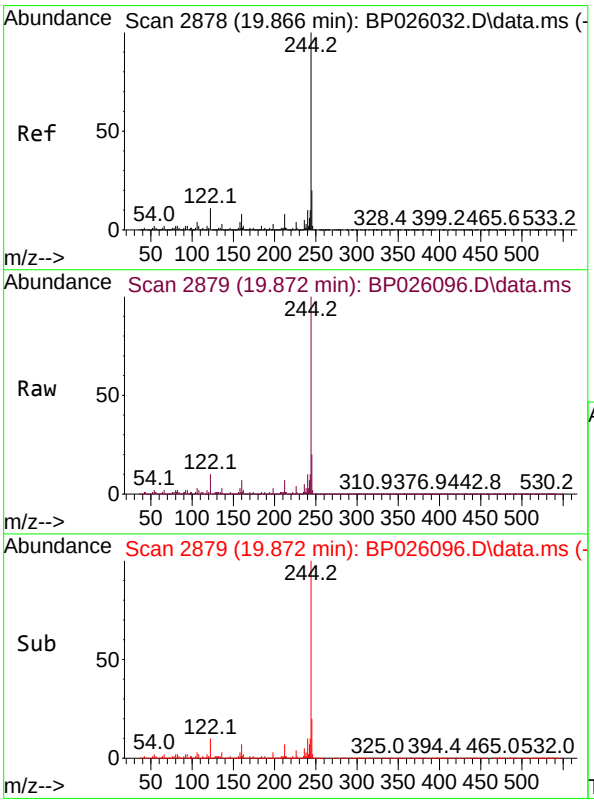
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:240 Resp: 1893823

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.9	20.6	31.0

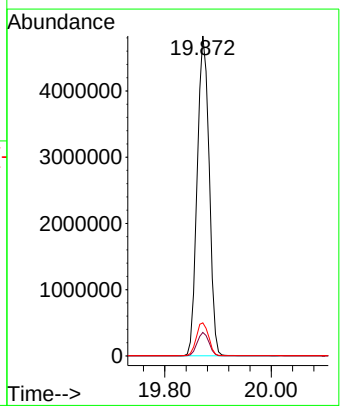


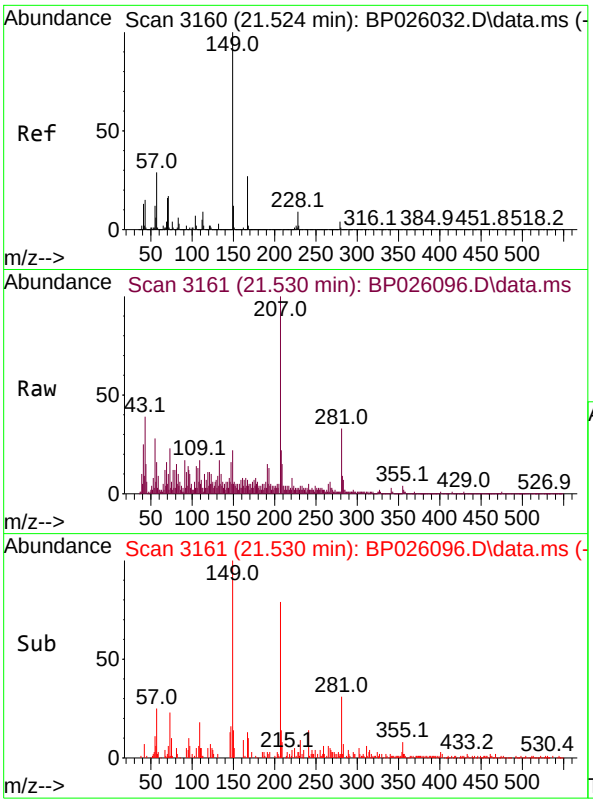


#79
Terphenyl-d14
Concen: 80.633 ng
RT: 19.872 min Scan# 2879
Delta R.T. 0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:244 Resp: 7516183

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.3	9.0	13.6



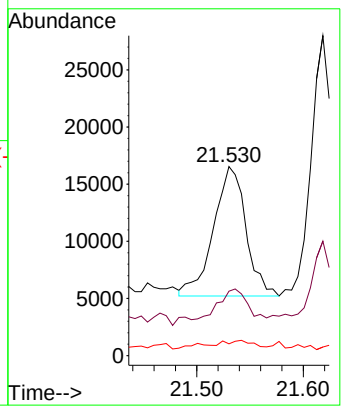


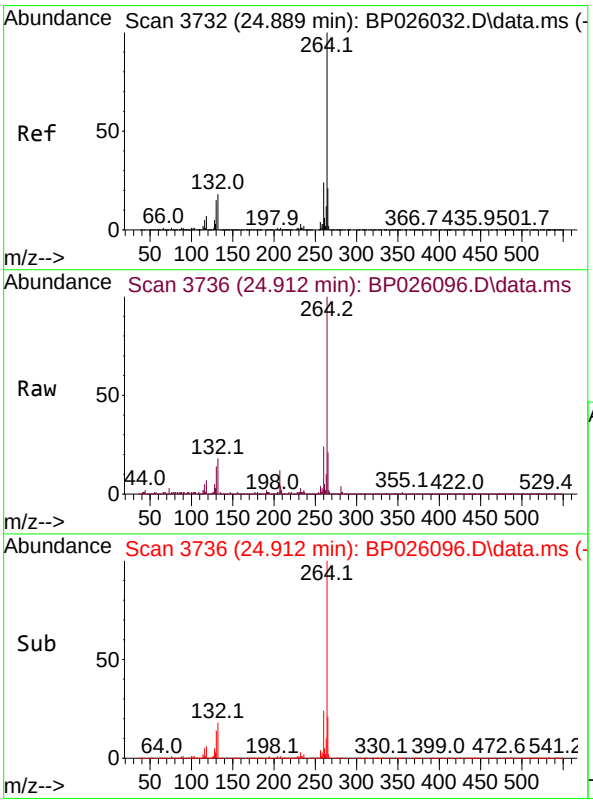
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.895 ng
RT: 21.530 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:149 Resp: 24005

Ion	Ratio	Lower	Upper
149	100		
167	34.1	21.5	32.3#
279	6.2	3.0	4.6#

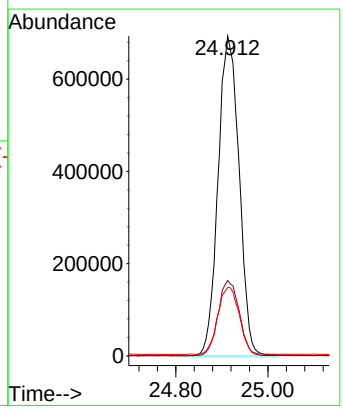




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.912 min Scan# 3736
Delta R.T. 0.030 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:264 Resp: 2202758

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.4	17.2	25.8



Sample Results: **BP026096.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026096.D
Acq On : 11 Nov 2025 18:55
Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12

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: BP026096.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.231	45	50	66	rVB	1559908	2145026	5.55%	1.009%
2	3.837	148	153	164	rBV	428664	665290	1.72%	0.313%
3	4.361	237	242	257	rVB3	219019	415946	1.08%	0.196%
4	5.043	350	358	365	rBV	323369	515723	1.34%	0.243%
5	5.155	370	377	386	rVB2	337667	571141	1.48%	0.269%
6	5.296	394	401	410	rBV	3264258	4794656	12.41%	2.255%
7	5.960	508	514	523	rBV2	202245	402554	1.04%	0.189%
8	6.737	626	646	652	rBV4	117349	466645	1.21%	0.219%
9	6.849	658	665	677	rBV	2023430	3372468	8.73%	1.586%
10	7.225	720	729	737	rBV	1118309	1995545	5.17%	0.938%
11	7.678	796	806	810	rBV	1398976	2540083	6.58%	1.194%
12	8.466	934	940	946	rBV4	325205	662214	1.71%	0.311%
13	8.649	964	971	975	rBV2	340032	650327	1.68%	0.306%
14	8.766	985	991	992	rBV2	300213	450306	1.17%	0.212%
15	8.807	992	998	1004	rVB	3193884	5685539	14.72%	2.674%
16	9.296	1072	1081	1087	rBV	674232	1356516	3.51%	0.638%
17	9.401	1087	1099	1105	rBV2	1721586	3354777	8.68%	1.578%
18	9.860	1169	1177	1184	rVB3	605295	1149014	2.97%	0.540%
19	10.007	1194	1202	1208	rVV2	703245	1382565	3.58%	0.650%
20	10.331	1245	1257	1270	rVV3	377338	1396639	3.62%	0.657%
21	10.443	1270	1276	1282	rVV	1620486	2726104	7.06%	1.282%
22	10.607	1291	1304	1311	rBV5	237603	661969	1.71%	0.311%
23	11.484	1449	1453	1461	rVB	242948	480794	1.24%	0.226%
24	11.795	1497	1506	1512	rBV	3153231	5103877	13.21%	2.400%
25	11.966	1529	1535	1542	rBV5	271506	593208	1.54%	0.279%
26	12.919	1691	1697	1708	rVB	8902625	13997732	36.24%	6.582%
27	13.154	1733	1737	1743	rVB3	228246	415871	1.08%	0.196%
28	13.219	1743	1748	1752	rBV	292984	513204	1.33%	0.241%
29	13.542	1798	1803	1805	rBV2	543714	799624	2.07%	0.376%
30	13.572	1806	1808	1821	rVB2	555896	898461	2.33%	0.422%
31	13.701	1826	1830	1834	rVB	567454	777803	2.01%	0.366%
32	13.872	1853	1859	1864	rBV	1377544	2750983	7.12%	1.294%
33	14.142	1899	1905	1912	rBV	936665	1628455	4.22%	0.766%
34	14.237	1917	1921	1927	rVV2	465827	910420	2.36%	0.428%
35	14.313	1928	1934	1940	rVB	2589032	3764105	9.74%	1.770%
36	14.595	1978	1982	1986	rVB	467940	586813	1.52%	0.276%

Sample Results: **BP026096.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026096.D
Acq On : 11 Nov 2025 18:55
Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12

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

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

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

37	14.660	1988	1993	1999	rVV2	769351	1330910	3.45%	0.626%
38	14.742	2003	2007	2012	rVB4	250574	432600	1.12%	0.203%
39	14.936	2037	2040	2045	rVB	519756	654580	1.69%	0.308%
40	15.089	2062	2066	2070	rVB	485381	617094	1.60%	0.290%
41	15.401	2113	2119	2125	rVB	1831237	2725657	7.06%	1.282%
42	15.601	2147	2153	2166	rBV2	665107	1656979	4.29%	0.779%
43	15.707	2166	2171	2173	rVV	768280	1038744	2.69%	0.488%
44	15.731	2173	2175	2180	rVB	721825	875665	2.27%	0.412%
45	15.842	2184	2194	2204	rBV2	6788925	15256651	39.50%	7.174%
46	16.101	2221	2238	2249	rVB	10438836	38628580	100.00%	18.164%
47	16.395	2282	2288	2297	rBV	1325810	2331935	6.04%	1.097%
48	16.766	2346	2351	2358	rVB2	923435	1511442	3.91%	0.711%
49	16.930	2374	2379	2384	rBV4	274131	547885	1.42%	0.258%
50	17.130	2408	2413	2419	rVB2	2495365	4135756	10.71%	1.945%
51	17.283	2435	2439	2444	rVB2	283875	408875	1.06%	0.192%
52	17.648	2497	2501	2503	rBV	478789	615669	1.59%	0.290%
53	17.695	2503	2509	2518	rVV2	5939049	9614068	24.89%	4.521%
54	17.777	2518	2523	2529	rVB	2781394	3923844	10.16%	1.845%
55	18.095	2572	2577	2585	rVB2	868957	1339111	3.47%	0.630%
56	18.313	2611	2614	2621	rBV2	287022	466329	1.21%	0.219%
57	18.860	2704	2707	2715	rVB3	366087	652830	1.69%	0.307%
58	18.954	2720	2723	2731	rVB4	267629	480905	1.24%	0.226%
59	19.272	2773	2777	2783	rVB2	437122	672855	1.74%	0.316%
60	19.360	2788	2792	2799	rVB	1589904	2198676	5.69%	1.034%
61	19.683	2841	2847	2860	rVB	9441002	13490604	34.92%	6.344%
62	19.872	2873	2879	2886	rVB	13250487	21267050	55.06%	10.000%
63	20.066	2908	2912	2916	rBV2	327424	440528	1.14%	0.207%
64	20.207	2930	2936	2940	rVB	1109427	1682893	4.36%	0.791%
65	20.742	3023	3027	3033	rBV	1375598	1523939	3.95%	0.717%
66	21.277	3115	3118	3123	rVB	317801	410184	1.06%	0.193%
67	21.583	3164	3170	3180	rVB	3295855	5270285	13.64%	2.478%
68	24.912	3727	3736	3756	rVB	1817090	5876943	15.21%	2.764%

Sum of corrected areas: 212662463

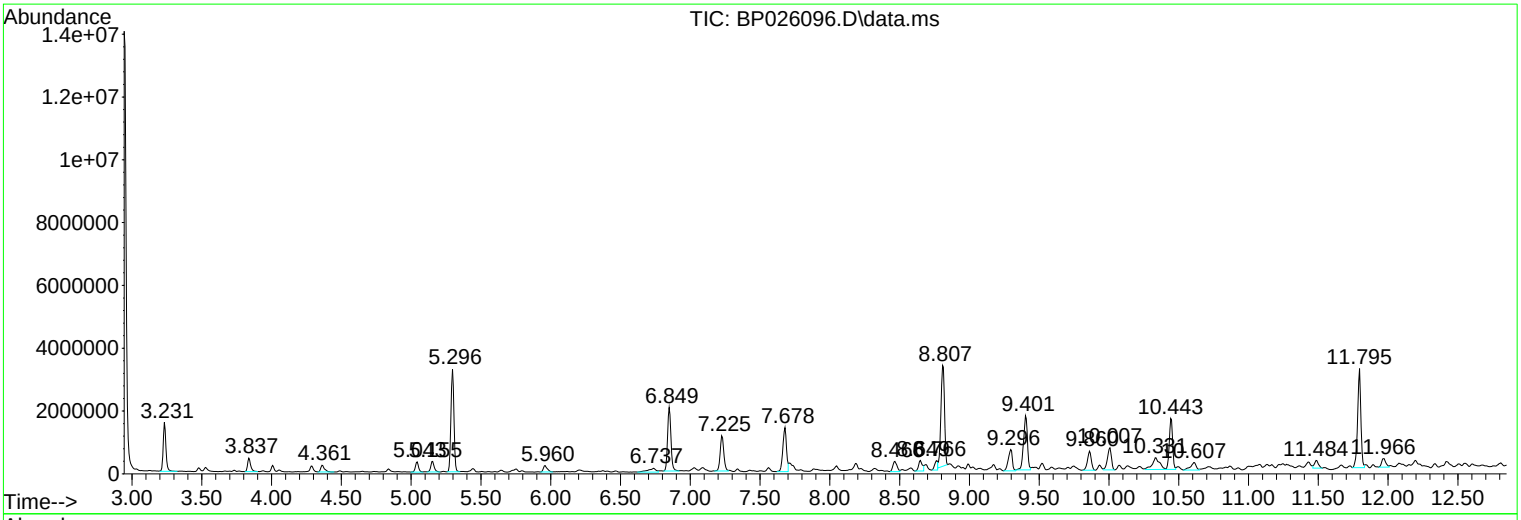
Sample Results: **BP026096.D**

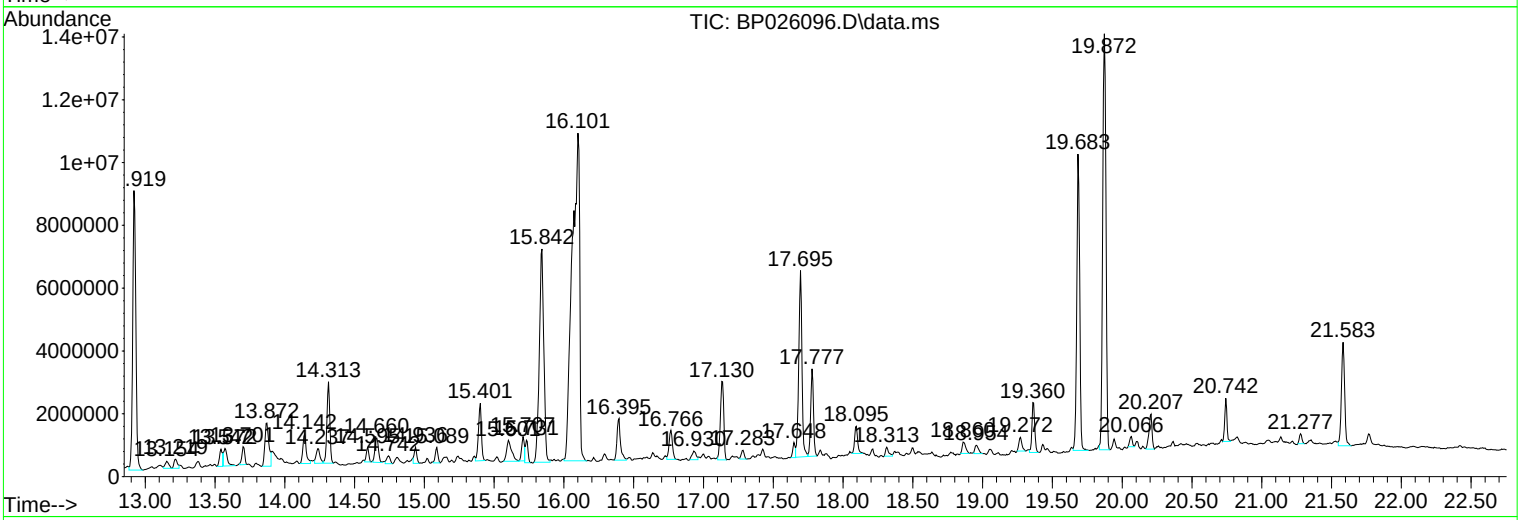
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026096.D
Acq On : 11 Nov 2025 18:55
Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

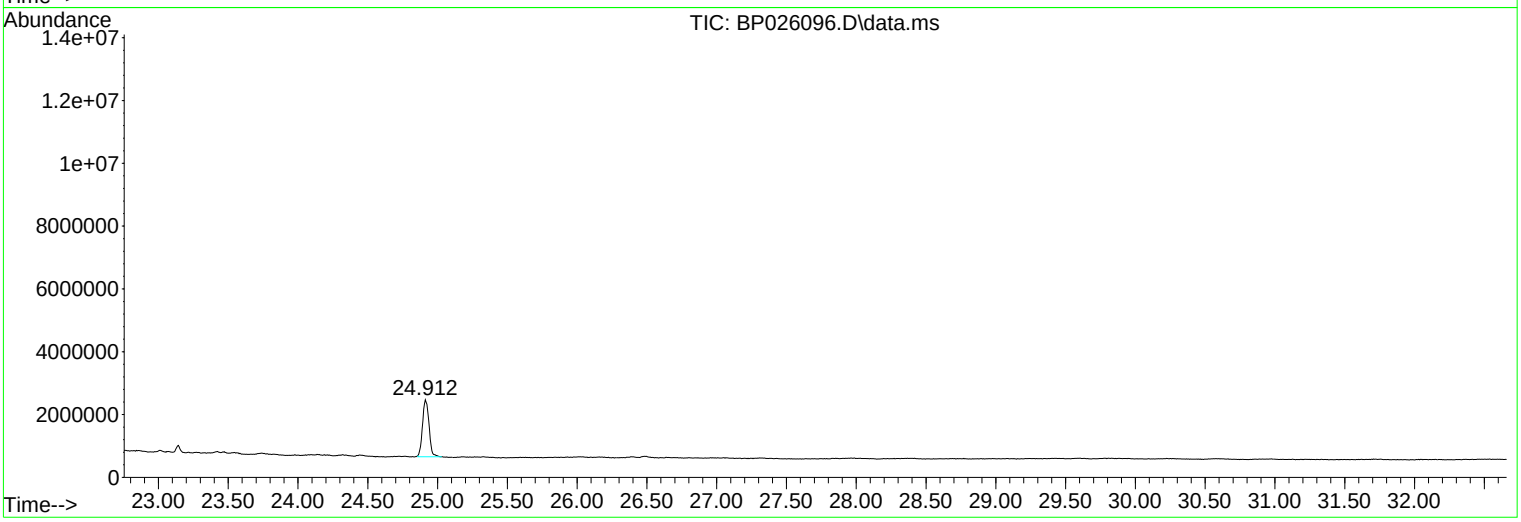
Instrument :
BNA_P
ClientSampleId :
MW-12

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

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







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Acq On : 11 Nov 2025 18:55
Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12

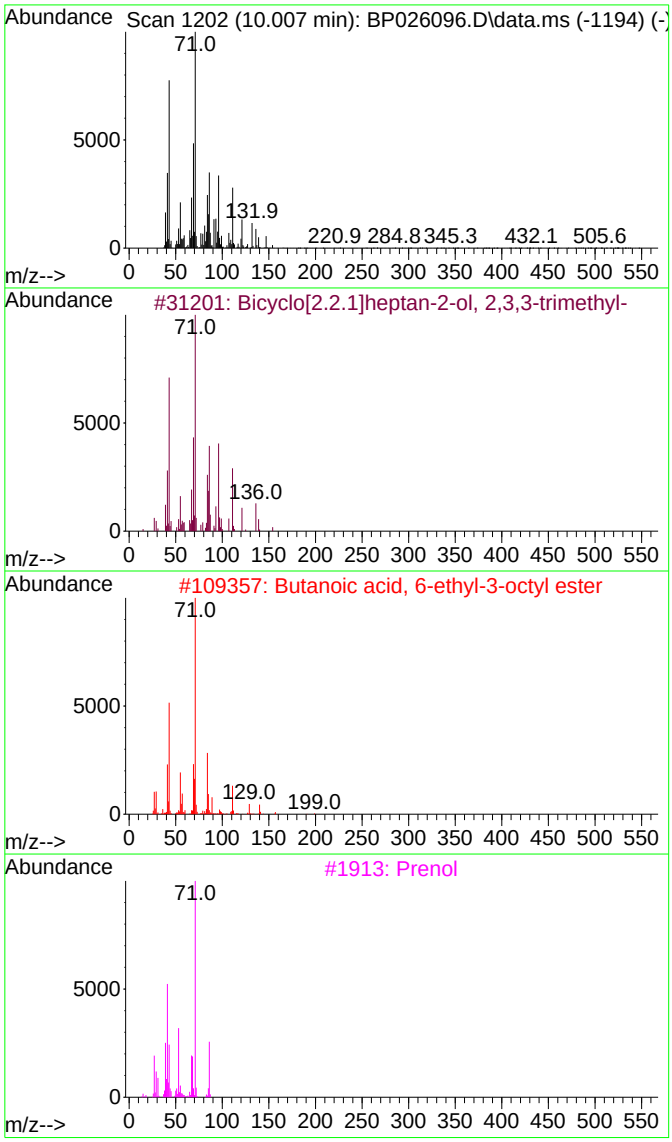
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

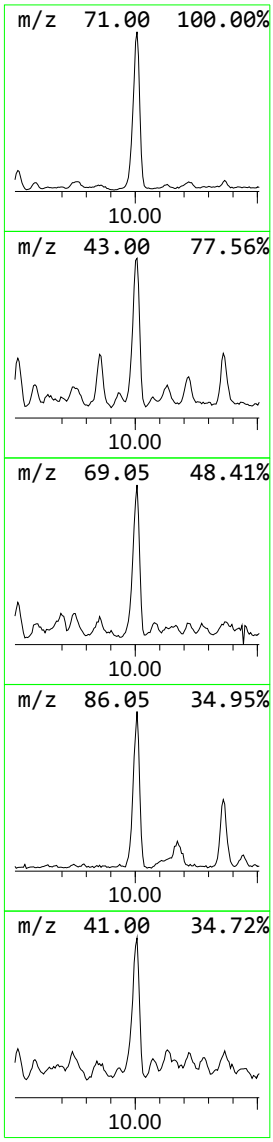
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.007	10.14 ng	1382570	Naphthalene-d8	10.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 2,3,3...	154	C10H18O	000465-31-6	96
2	Butanoic acid, 6-ethyl-3-octyl e...	228	C14H28O2	1000282-60-1	43
3	Prenol	86	C5H10O	000556-82-1	43
4	Z-1-Methoxy-2-hexene	114	C7H14O	1000279-60-9	38
5	Ether, methyl 1-tetradecenyl	226	C15H30O	026537-05-3	35





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Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12

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

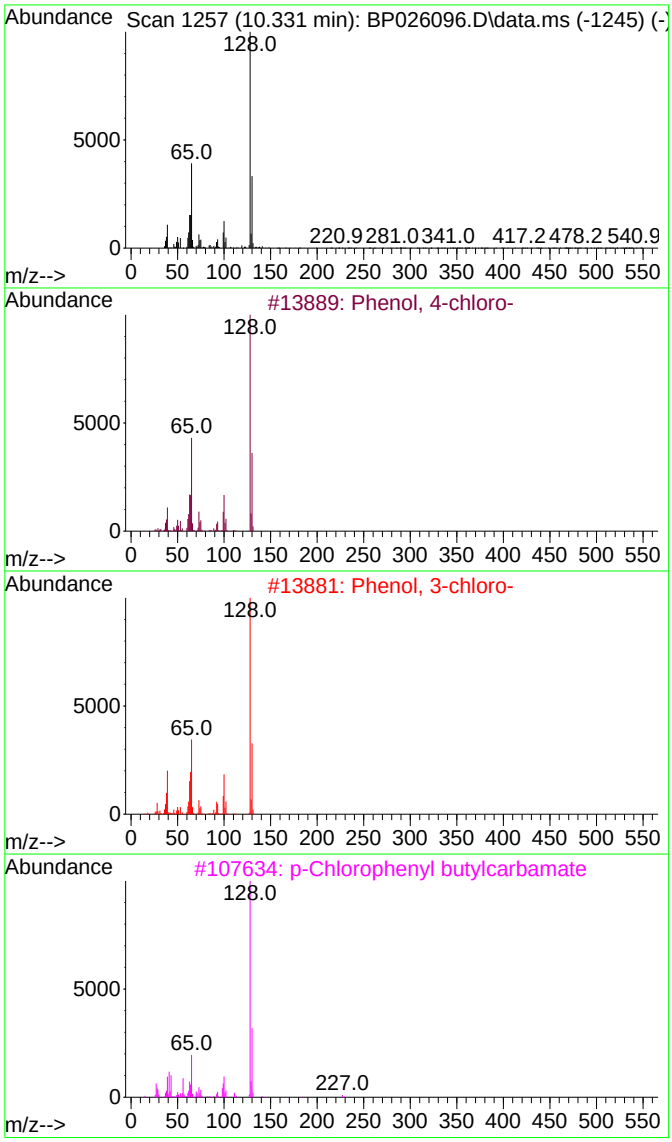
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

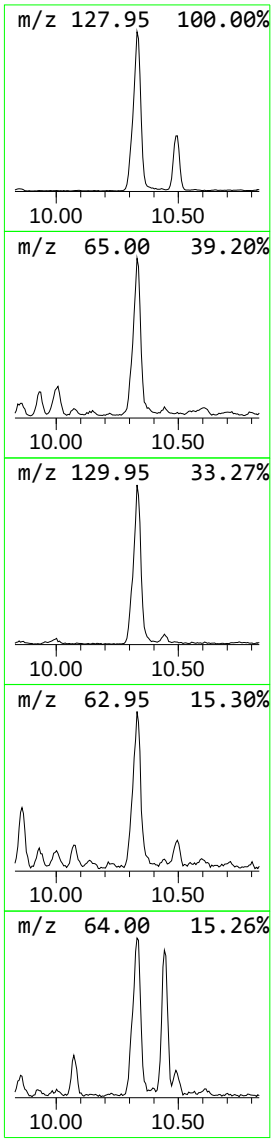
****

Peak Number 5 Phenol, 4-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.331	10.25 ng	1396640	Naphthalene-d8	10.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-chloro-	128	C6H5ClO	000106-48-9	97
2	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	94
3	p-Chlorophenyl butylcarbamate	227	C11H14ClNO2	132905-93-2	83
4	p-Chlorophenyl N-(cyanomethyl)ca...	210	C9H7ClN2O2	1000240-68-8	38
5	Phenol, 2-chloro-	128	C6H5ClO	000095-57-8	38





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Acq On : 11 Nov 2025 18:55
Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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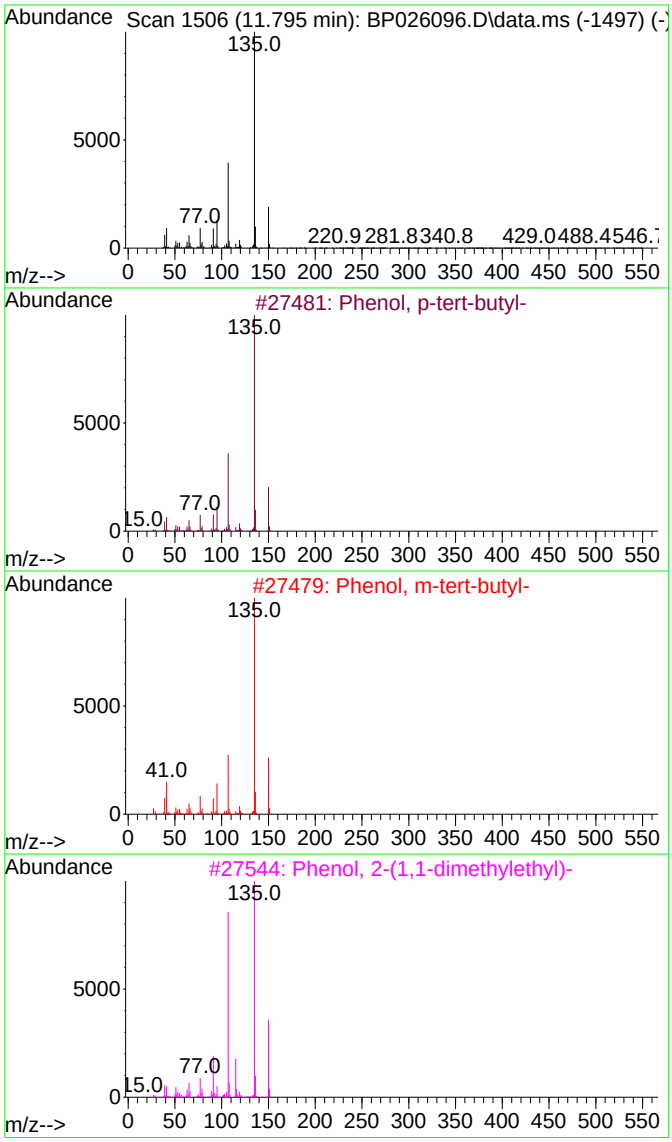
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

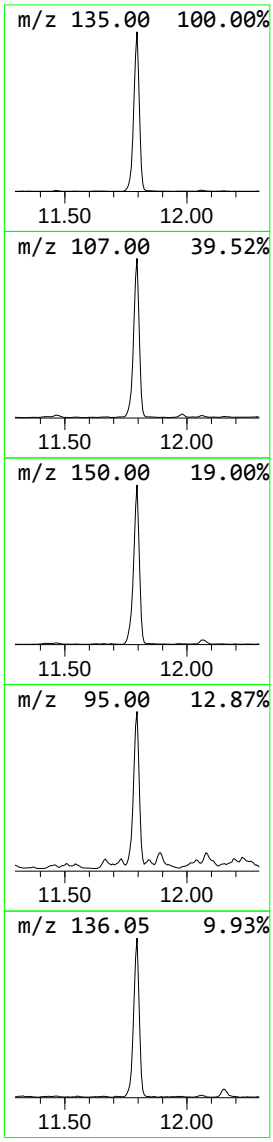
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenol, p-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.796	37.44 ng	5103880	Naphthalene-d8	10.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	97
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	94
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	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	52





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Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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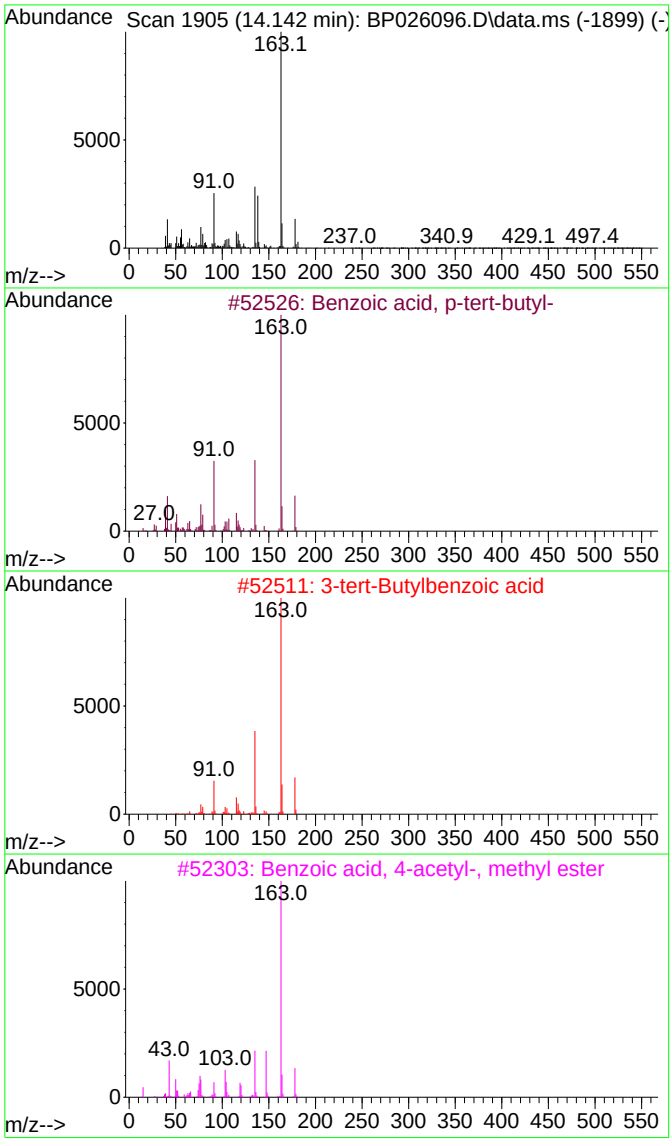
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

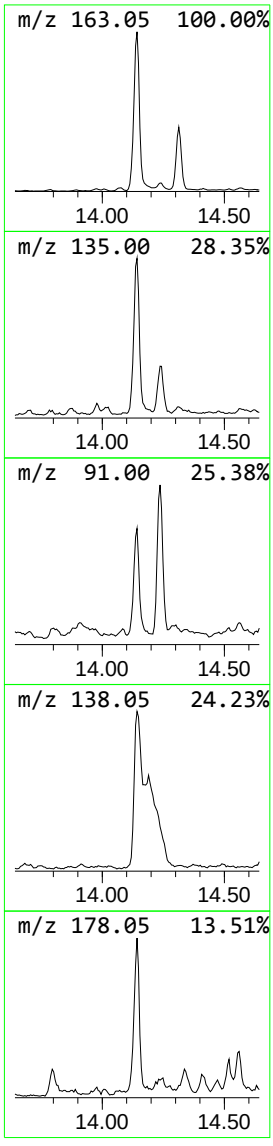
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzoic acid, p-tert-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.142	8.65 ng	1628460	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	95
2	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	76
3	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	58
4	Terephthalaldehyde mono-(diethyl...	208	C12H16O3	081172-89-6	53
5	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	53





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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

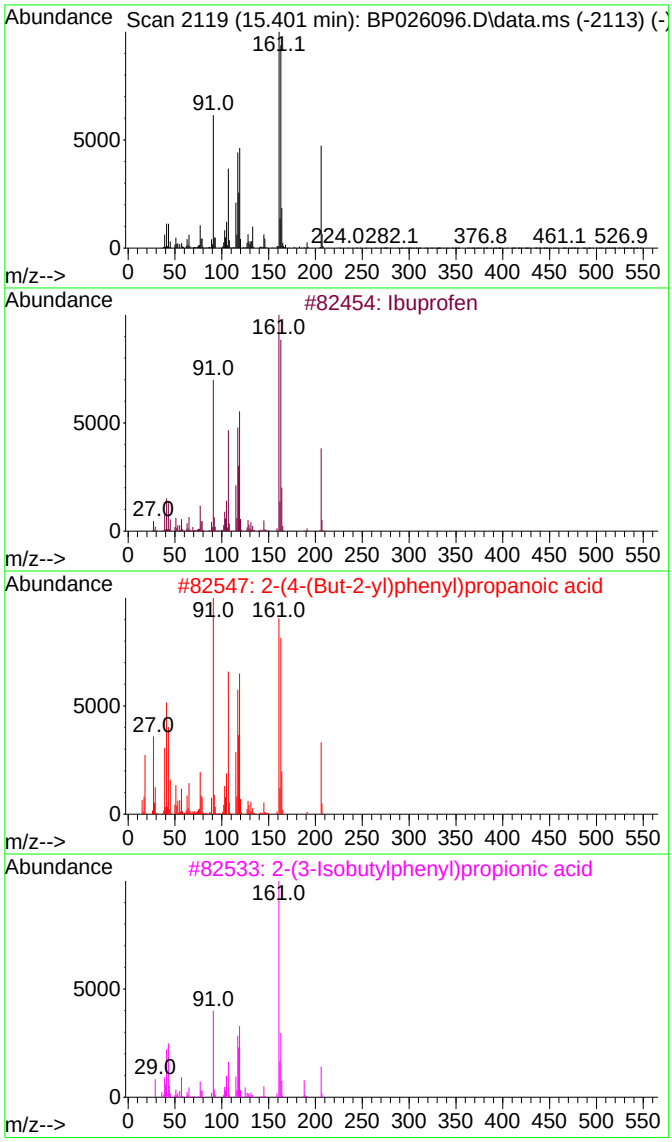
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

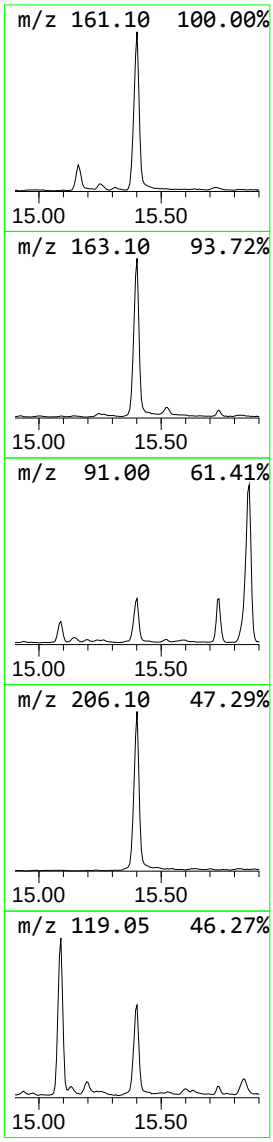
****

Peak Number 10 Ibuprofen Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.401	14.48 ng	2725660	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ibuprofen	206	C13H18O2	015687-27-1	99
2	2-(4-(But-2-yl)phenyl)propanoic ...	206	C13H18O2	064451-76-9	87
3	2-(3-Isobutylphenyl)propionic acid	206	C13H18O2	066622-47-7	50
4	Benzenamine, 2,4-dichloro-	161	C6H5Cl2N	000554-00-7	38
5	Benzenamine, 2,5-dichloro-	161	C6H5Cl2N	000095-82-9	38





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Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

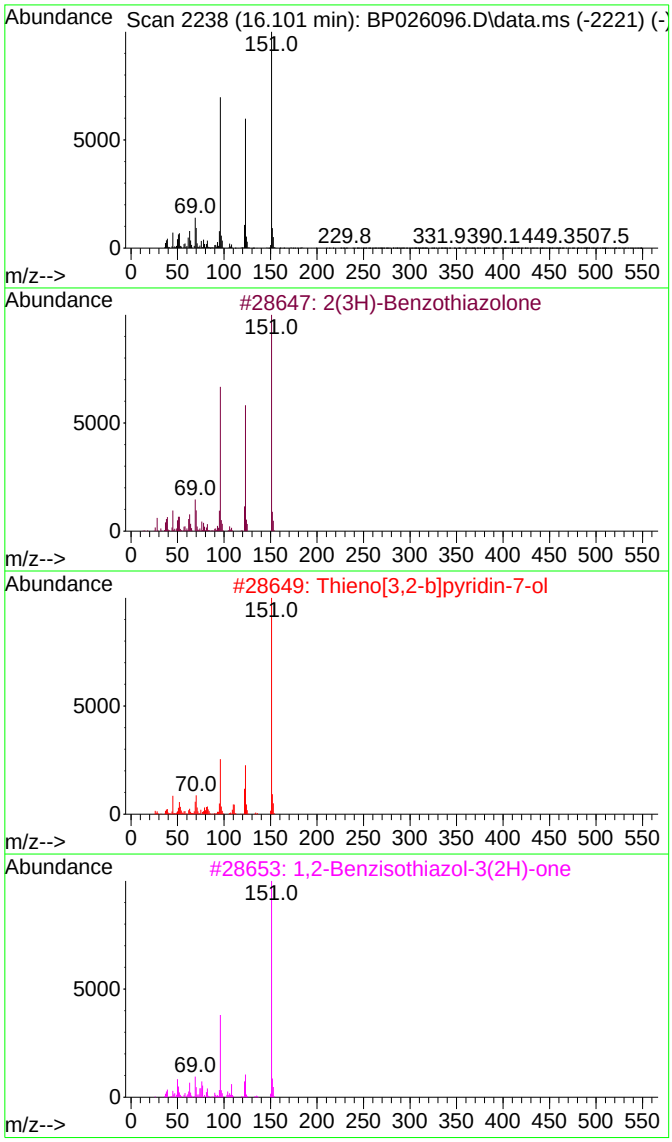
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

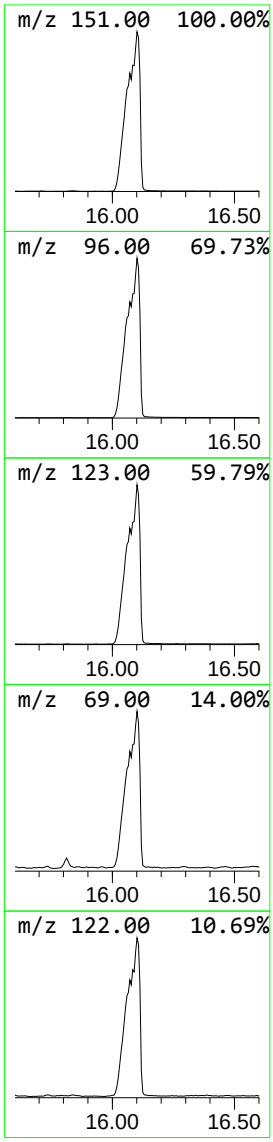
****

Peak Number 12 2(3H)-Benzothiazolone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.101	186.80 ng	38628600	Phenanthrene-d10	17.131

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	72
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	52
4	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	50
5	t-Butylhydroquinone	166	C10H14O2	001948-33-0	40





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Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

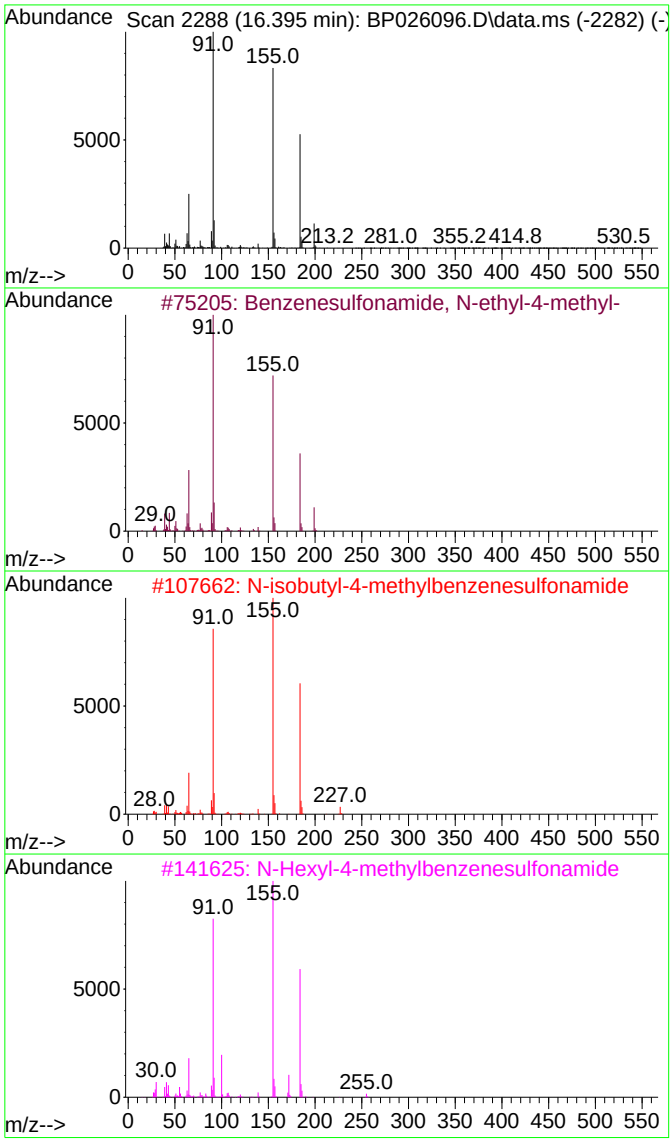
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

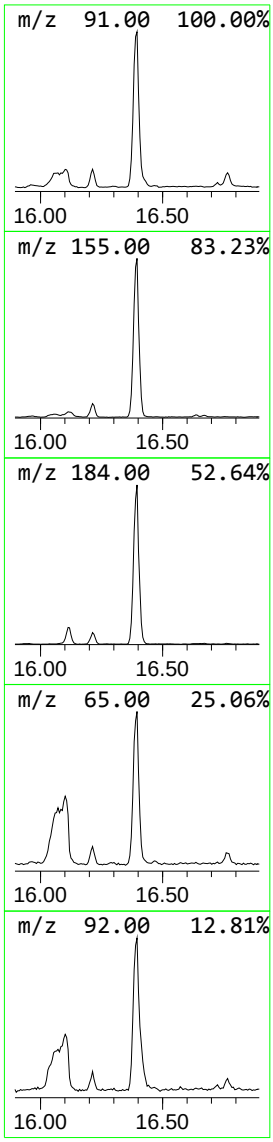
****

Peak Number 13 Benzenesulfonamide, N-ethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.395	11.28 ng	2331940	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
2	N-isobutyl-4-methylbenzenesulfon...	227	C11H17NO2S	023705-38-6	87
3	N-Hexyl-4-methylbenzenesulfonamide	255	C13H21NO2S	001143-01-7	86
4	4-Methyl-N-[2-(3-nitro-[1,2,4]tr...	311	C11H13N5O4S	1000301-03-5	83
5	Furazan-3-carboxylic acid, 4-ami...	325	C12H15N5O4S	1000304-69-4	78





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12

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

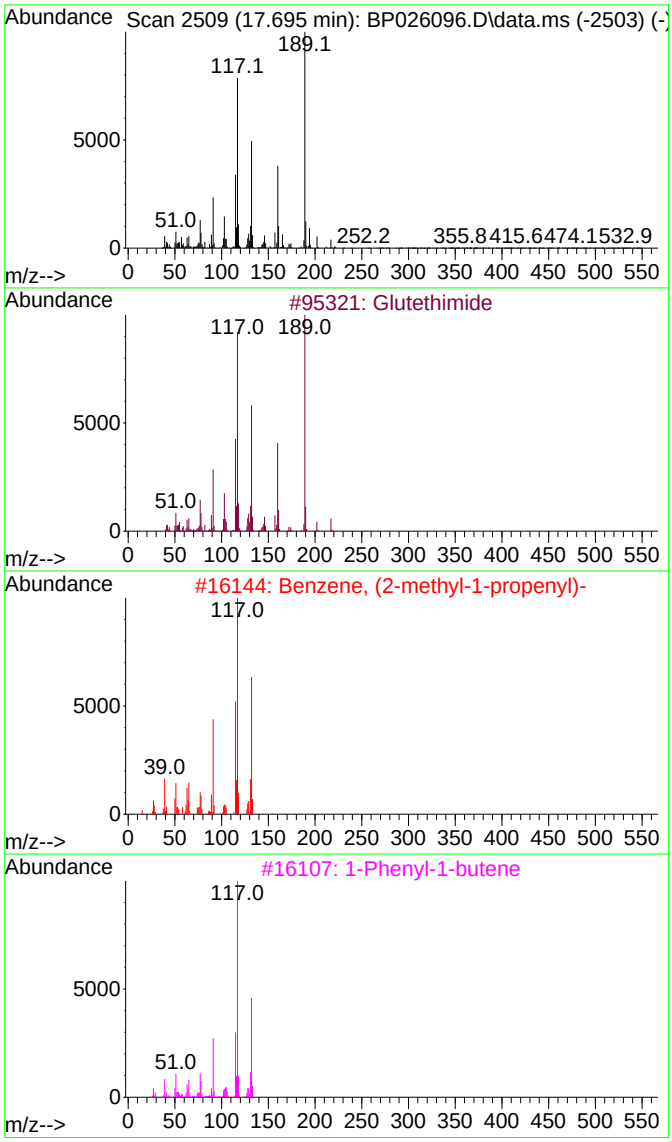
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

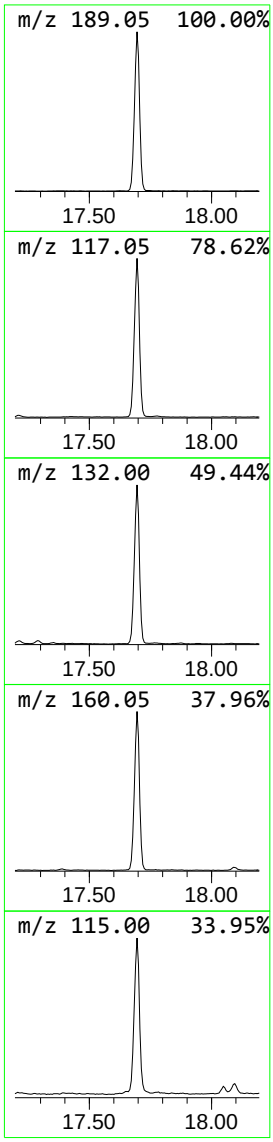
****

Peak Number 15 Glutethimide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.695	46.49 ng	9614070	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glutethimide	217	C13H15NO2	000077-21-4	99
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	89
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	64
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64





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Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12

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

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

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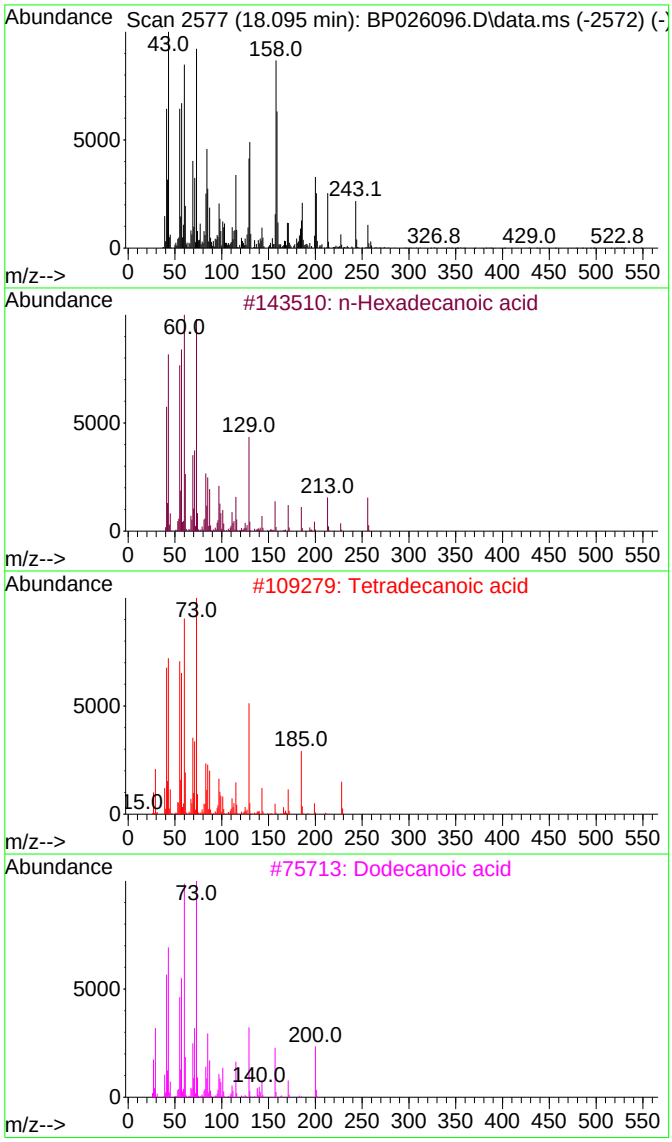
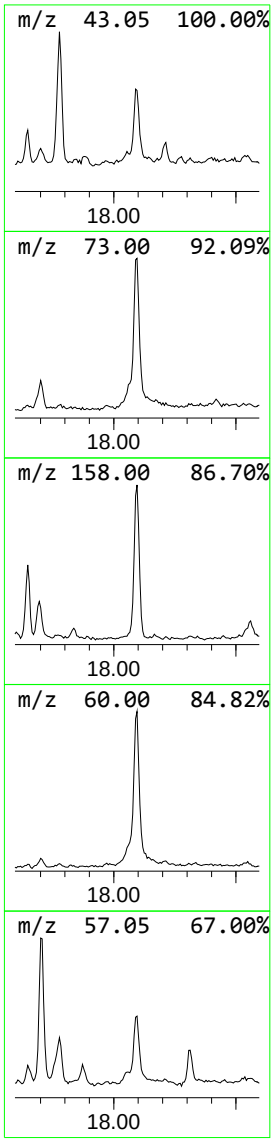
Peak Number 17 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.095	6.48 ng	1339110	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	60
3	Dodecanoic acid	200	C12H24O2	000143-07-7	50
4	1H-Indole-3-carboxaldehyde, 7-me...	159	C10H9NO	004771-50-0	38
5	1H-Indole-3-carboxaldehyde, 2-me...	159	C10H9NO	005416-80-8	38





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ALS Vial : 8 Sample Multiplier: 1

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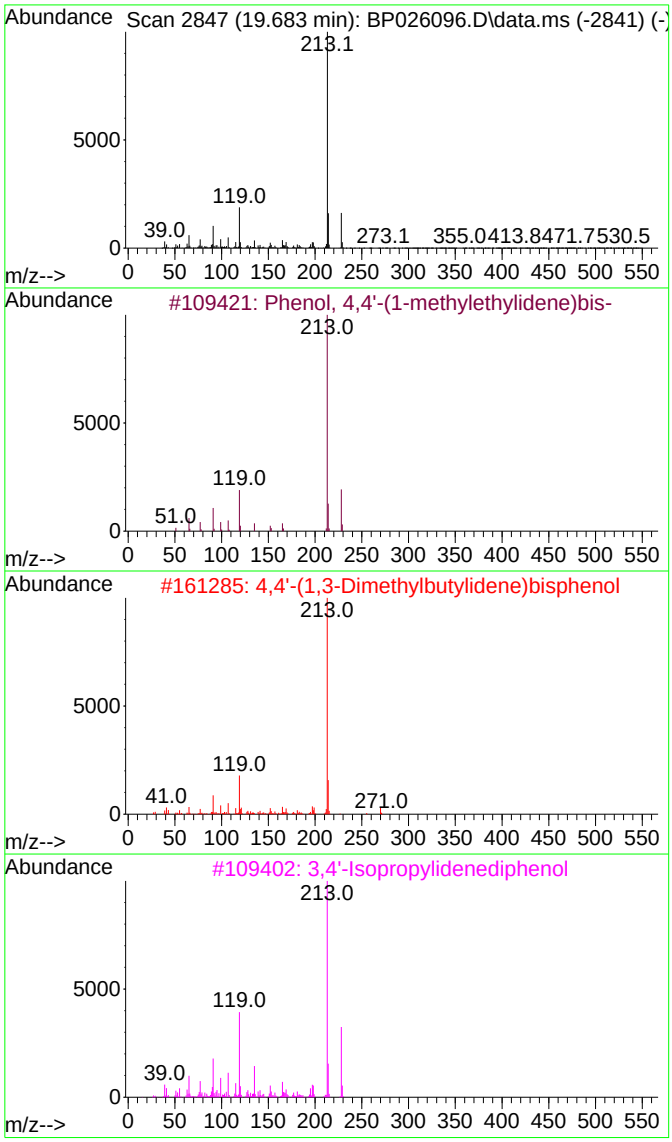
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

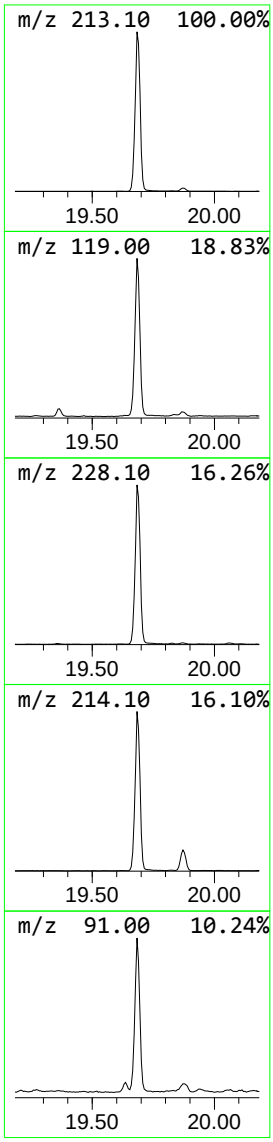
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenol, 4,4'-(1-methylethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.683	51.20 ng	13490600	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	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	83
3	3,4'-Isopropylidenediphenol	228	C15H16O2	046765-25-7	70
4	2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	59
5	5-Fluoro-2-nitrophenylamine, TMS...	228	C9H13FN2O2Si	1000484-54-5	59





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ALS Vial : 8 Sample Multiplier: 1

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Phenol, 4-chloro-	10.331	10.3	ng	1396640	2	10.443	2726100	20.0
Phenol, p-tert-...	11.796	37.4	ng	5103880	2	10.443	2726100	20.0
Benzoic acid, p...	14.142	8.7	ng	1628460	3	14.313	3764110	20.0
Ibuprofen	15.401	14.5	ng	2725660	3	14.313	3764110	20.0
2(3H)-Benzothia...	16.101	186.8	ng	38628600	4	17.131	4135760	20.0
Benzenesulfonam...	16.395	11.3	ng	2331940	4	17.131	4135760	20.0
Glutethimide	17.695	46.5	ng	9614070	4	17.131	4135760	20.0
n-Hexadecanoic ...	18.095	6.5	ng	1339110	4	17.131	4135760	20.0
Phenol, 4,4'-(1...	19.683	51.2	ng	13490600	5	21.583	5270290	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
Data File : BP026116.D
Acq On : 12 Nov 2025 17:17
Operator : RC/JU
Sample : Q3569-02DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Quant Time: Nov 12 17:45:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

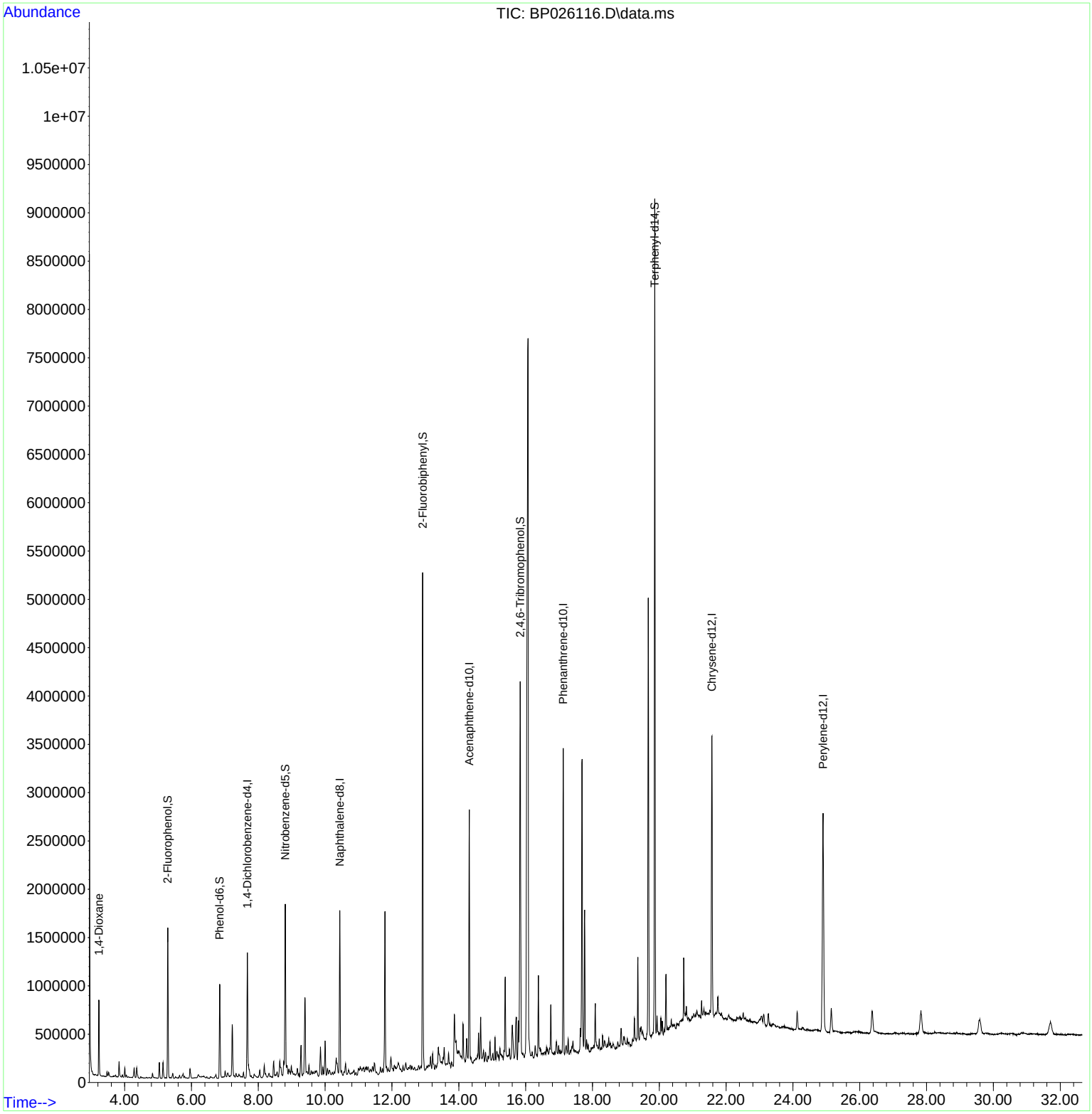
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	345995	20.000	ng	-0.02
21) Naphthalene-d8	10.437	136	1363084	20.000	ng	-0.02
39) Acenaphthene-d10	14.313	164	867470	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1776019	20.000	ng	0.00
76) Chrysene-d12	21.577	240	2024264	20.000	ng	0.01
86) Perylene-d12	24.901	264	2316393	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	694133	33.104	ng	0.00
7) Phenol-d6	6.843	99	589370	22.083	ng	-0.01
23) Nitrobenzene-d5	8.807	82	1015470	46.442	ng	-0.02
42) 2,4,6-Tribromophenol	15.836	330	767097	81.796	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	2533981	41.974	ng	-0.01
79) Terphenyl-d14	19.866	244	4202650	42.181	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	379701	42.955	ng	97

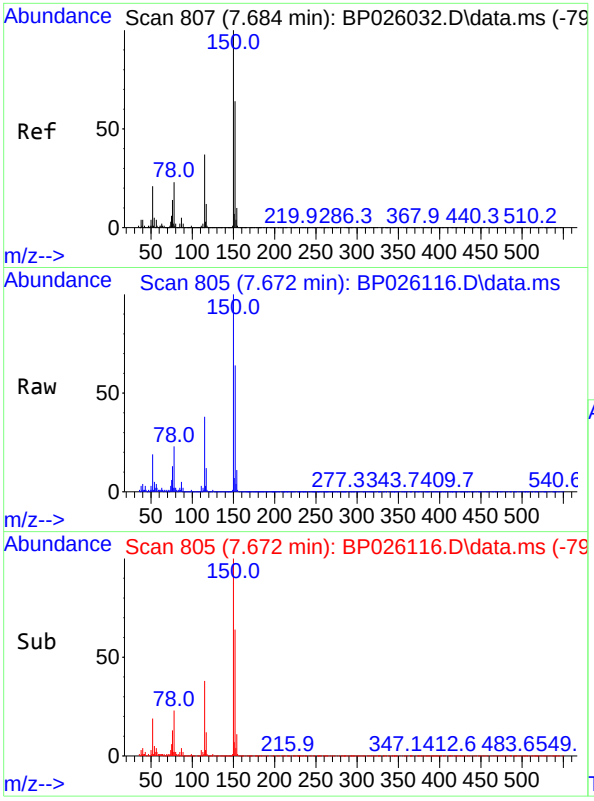
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
Data File : BP026116.D
Acq On : 12 Nov 2025 17:17
Operator : RC/JU
Sample : Q3569-02DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Quant Time: Nov 12 17:45:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



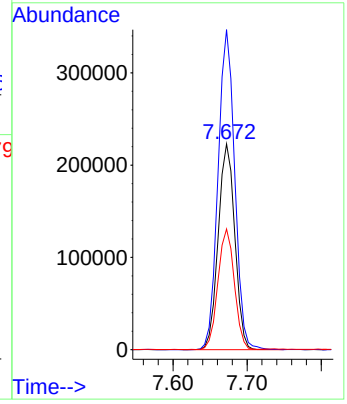


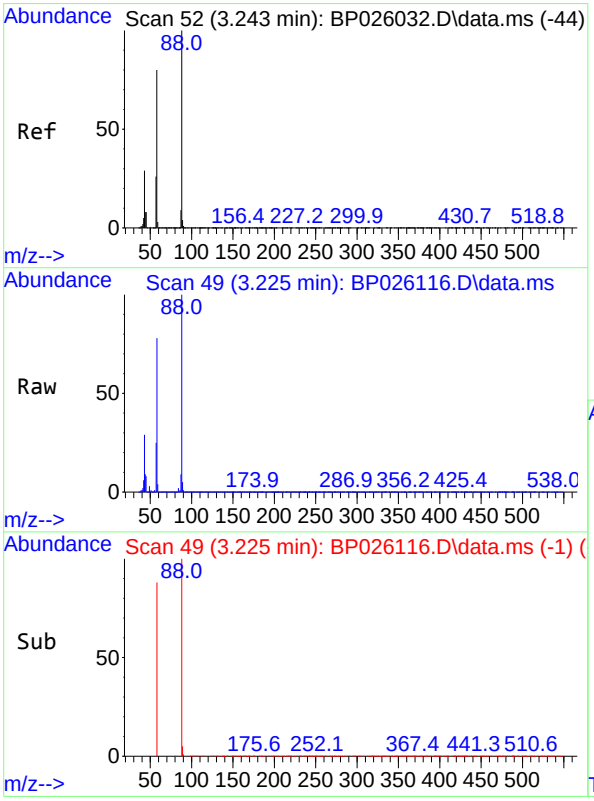
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:152 Resp: 345995

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.7	188.5
115	58.7	46.4	69.6

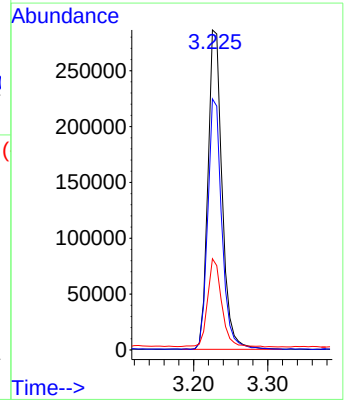


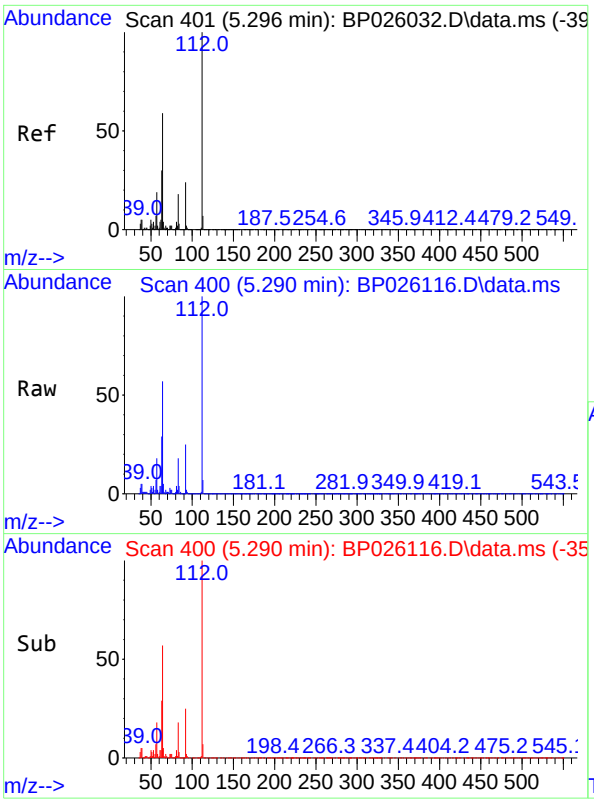


#2
1,4-Dioxane
Concen: 42.955 ng
RT: 3.225 min Scan# 49
Delta R.T. -0.012 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion: 88 Resp: 379701

Ion	Ratio	Lower	Upper
88	100		
58	78.4	65.4	98.0
43	27.6	23.1	34.7



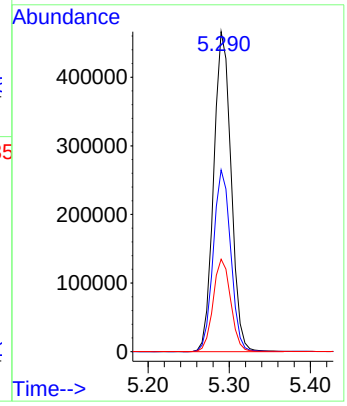


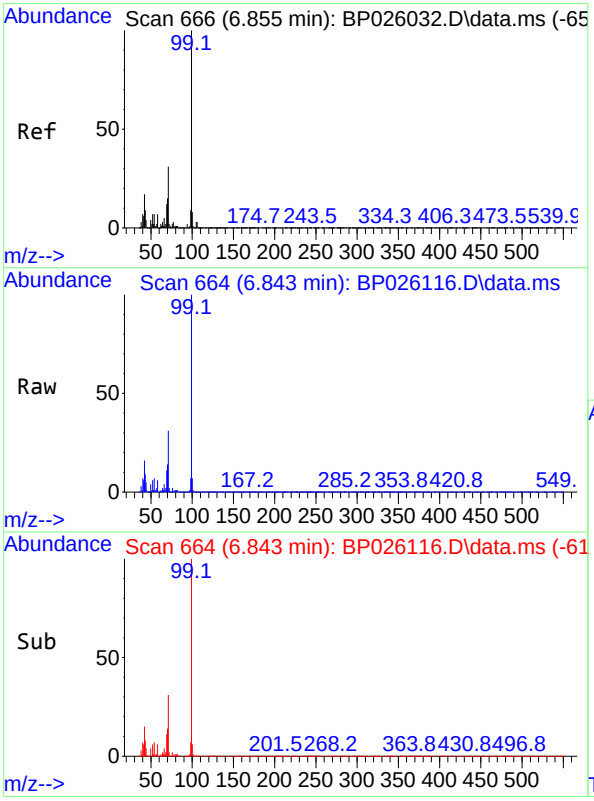
#5
2-Fluorophenol
Concen: 33.104 ng
RT: 5.290 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:112 Resp: 694133

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.4	71.2
63	28.9	24.2	36.4

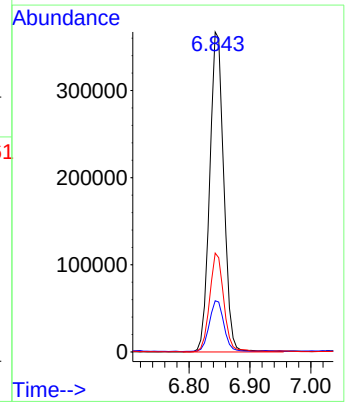


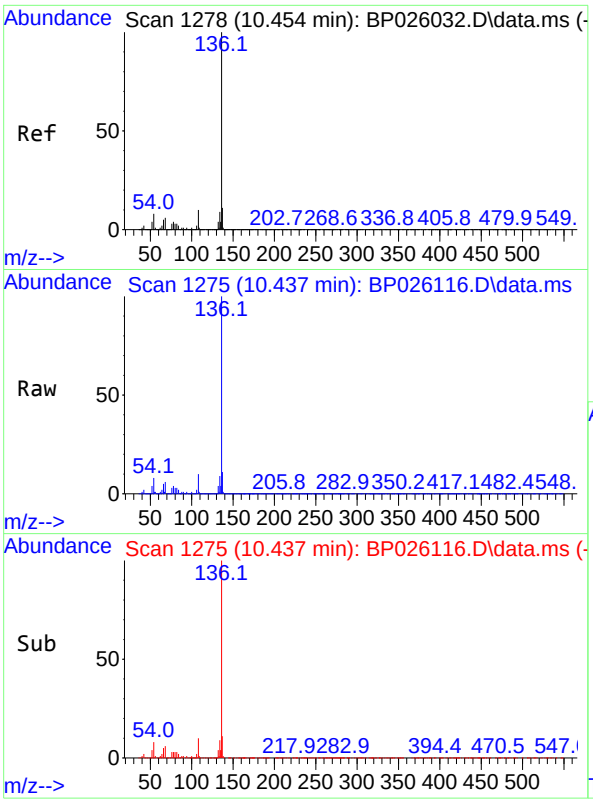


#7
Phenol-d6
Concen: 22.083 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion: 99 Resp: 589370

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.7	20.5
71	30.9	24.4	36.6



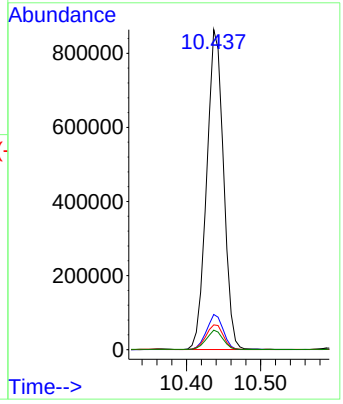


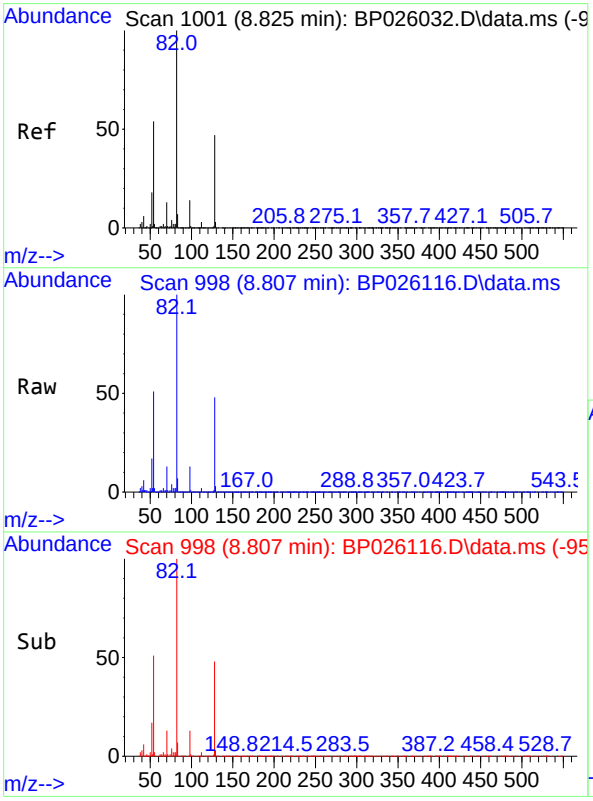
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:136 Resp: 1363084

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.8	6.6	10.0
68	6.1	4.7	7.1

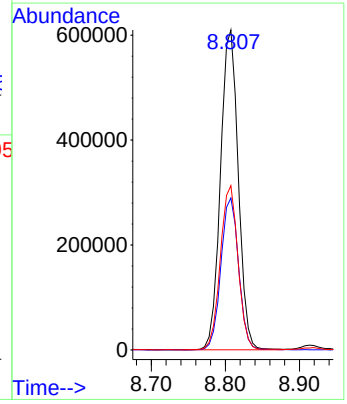


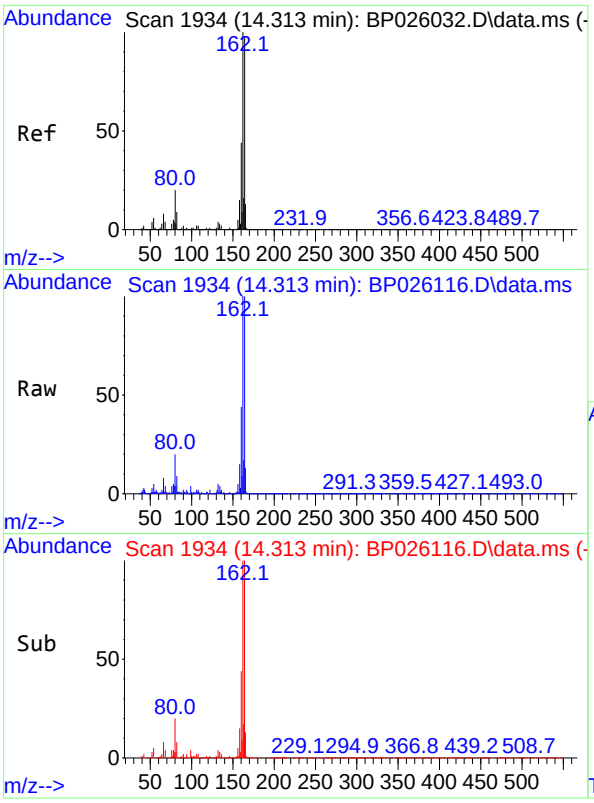


#23
Nitrobenzene-d5
Concen: 46.442 ng
RT: 8.807 min Scan# 998
Delta R.T. -0.018 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion: 82 Resp: 1015470

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.0
54	51.4	42.7	64.1



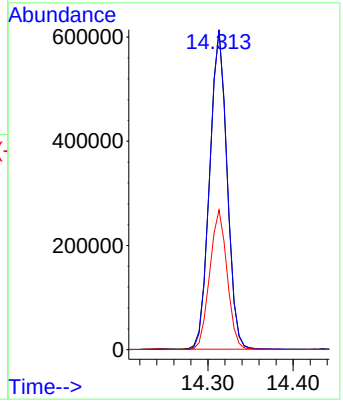


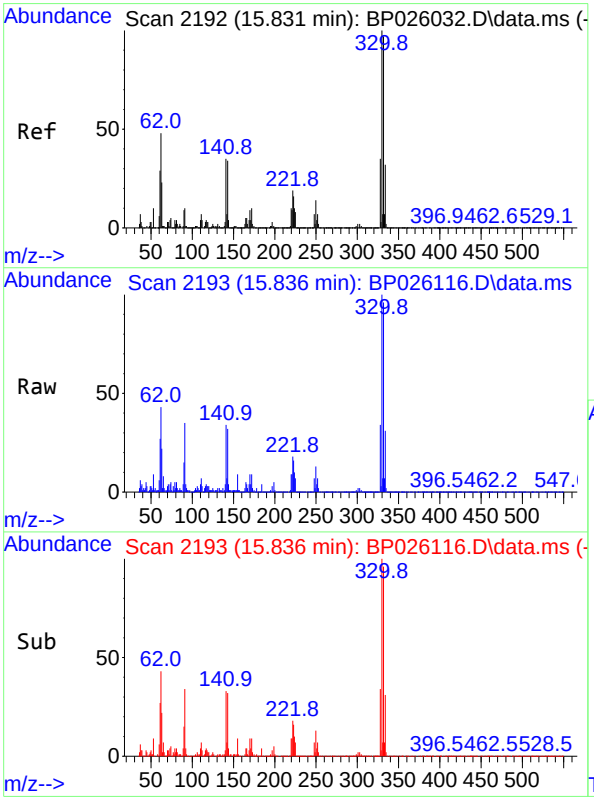
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:164 Resp: 867470

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.5	122.3
160	43.8	36.2	54.4

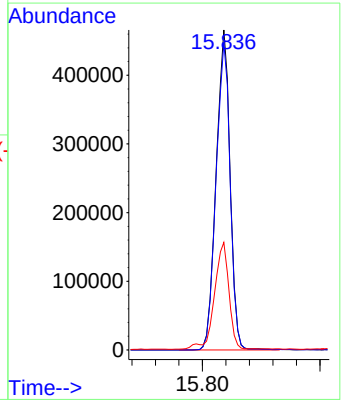


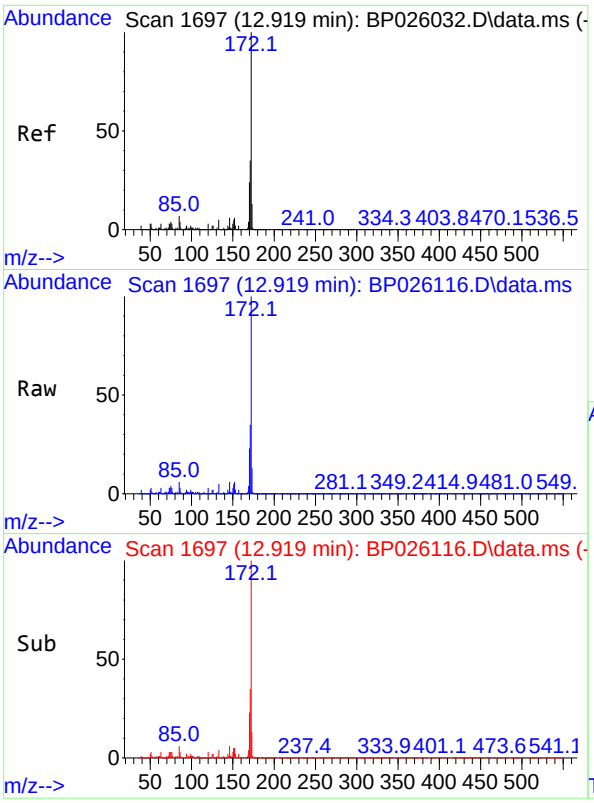


#42
2,4,6-Tribromophenol
Concen: 81.796 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion:330 Resp: 767097

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	34.9	28.6	42.8



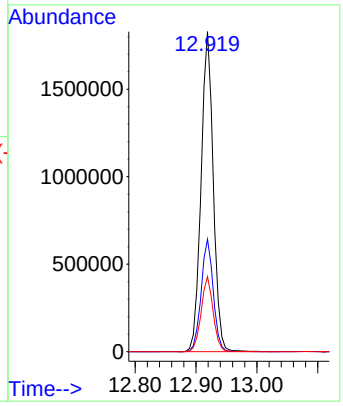


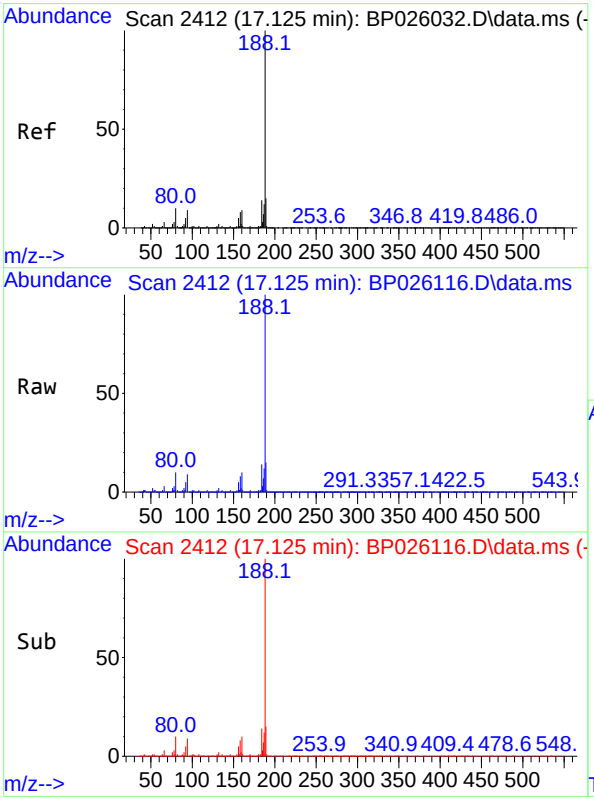
#45
2-Fluorobiphenyl
Concen: 41.974 ng
RT: 12.919 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:172 Resp: 2533981

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.4	19.0	28.4

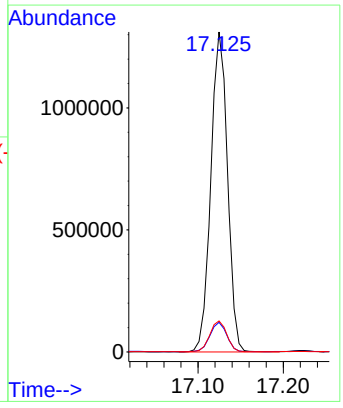


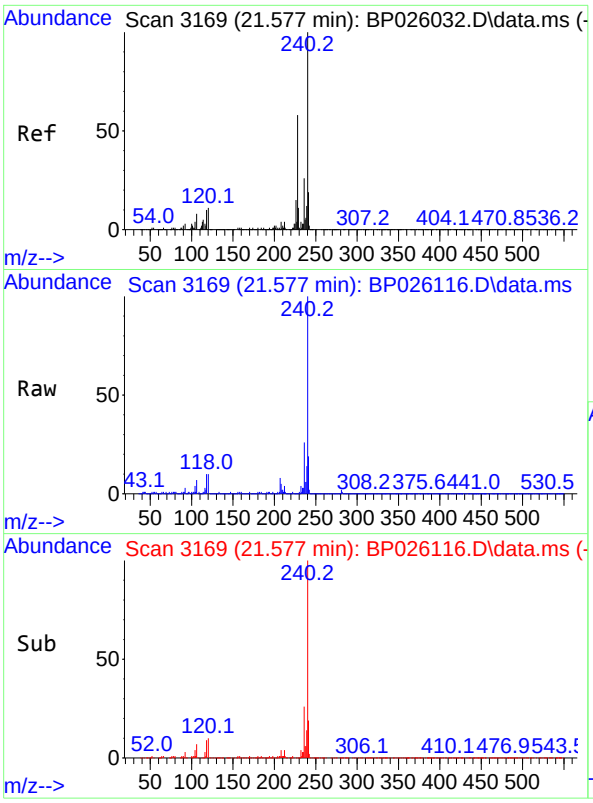


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion:188 Resp: 1776019

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.1	10.7
80	9.7	7.9	11.9



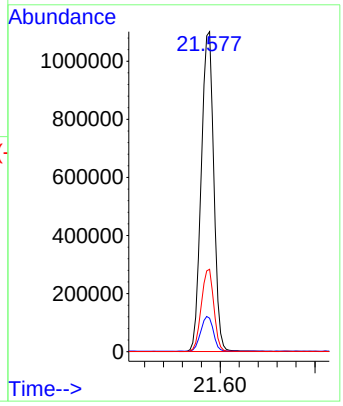


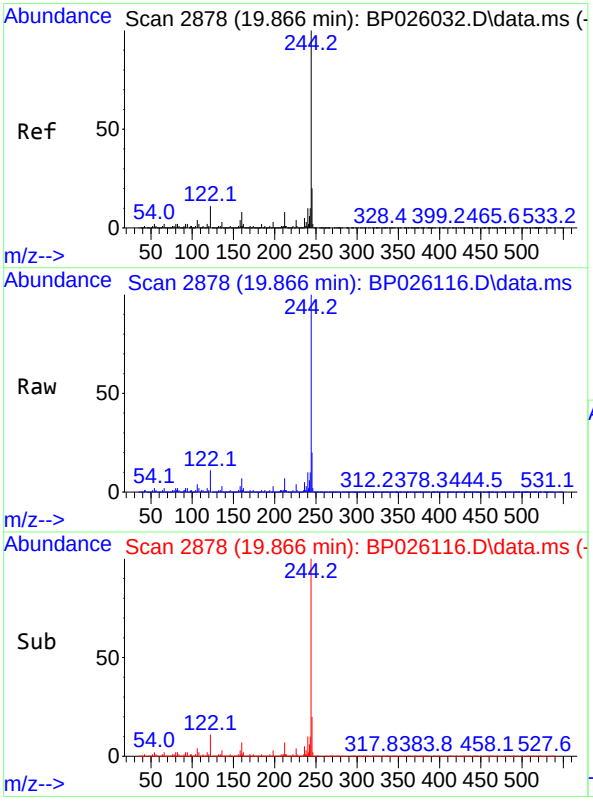
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:240 Resp: 2024264

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	25.8	20.6	31.0

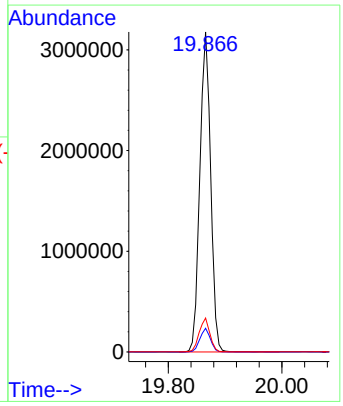


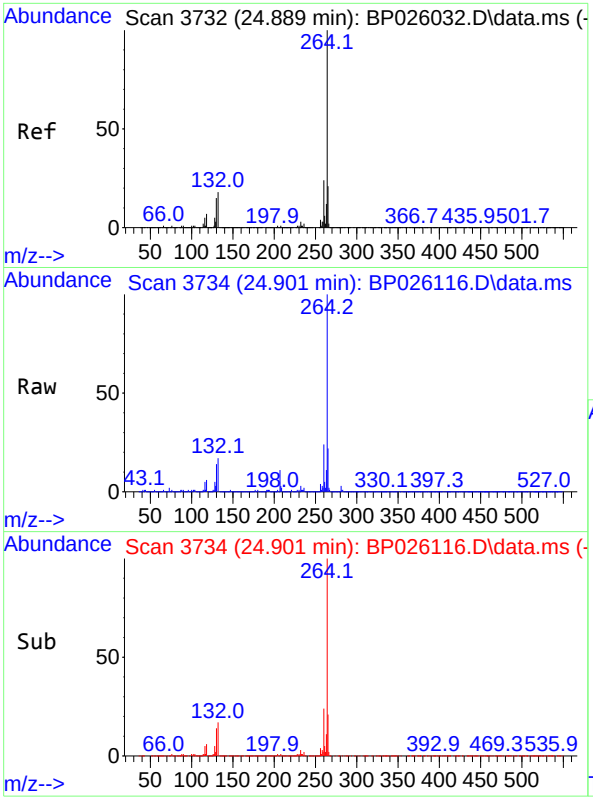


#79
Terphenyl-d14
Concen: 42.181 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion:244 Resp: 4202650

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



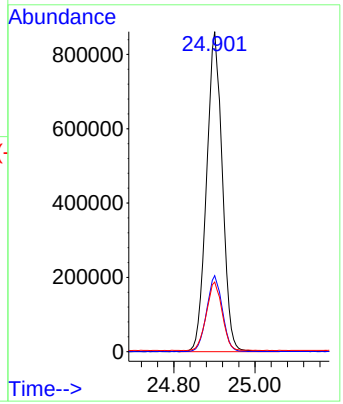


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:264 Resp: 2316393

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.7	17.2	25.8



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

Instrument :
BNA_F
ClientSampleId :
PB170473BL

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

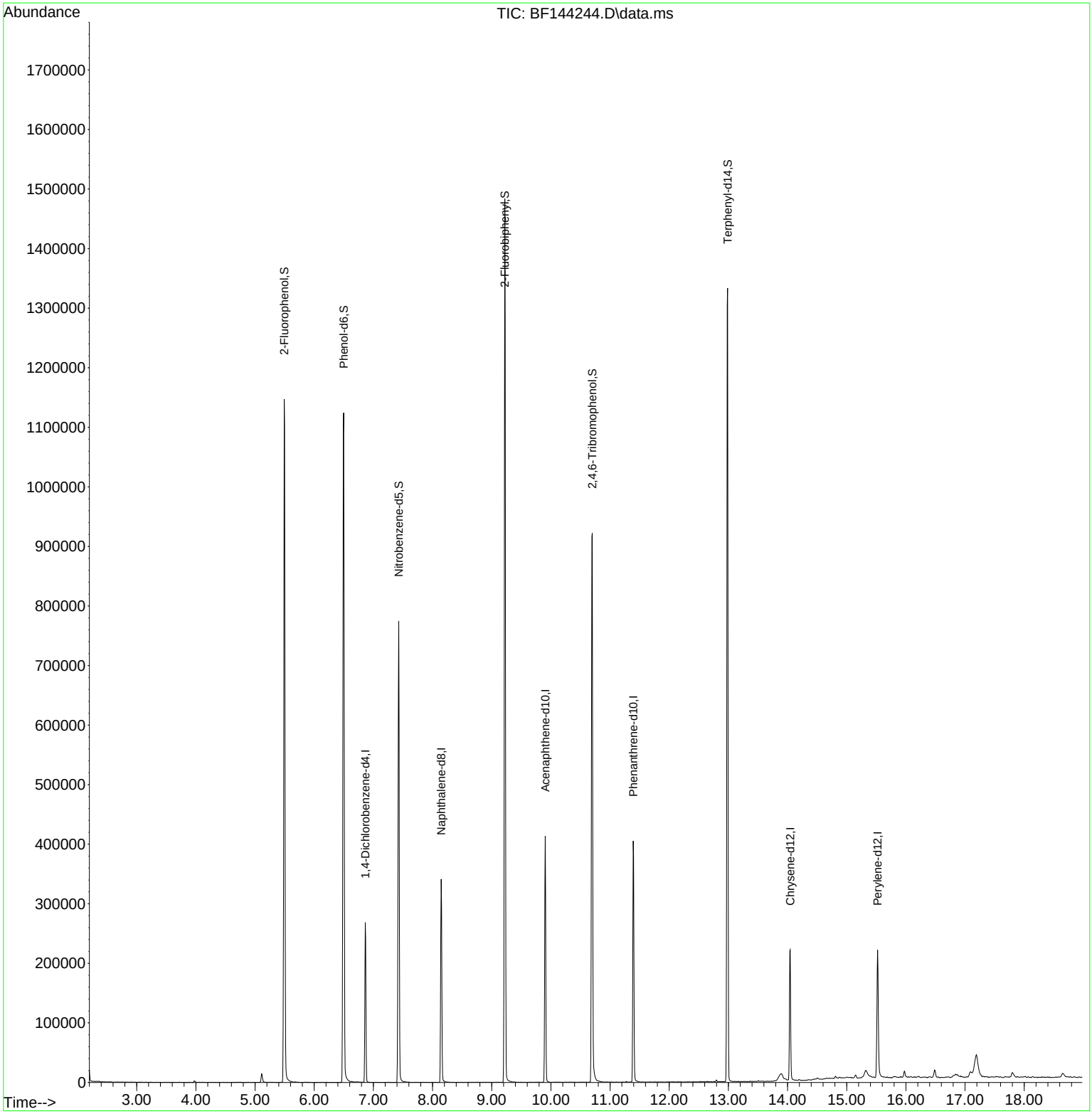
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58185	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	226377	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	128860	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	235212	20.000	ng	-0.01
76) Chrysene-d12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

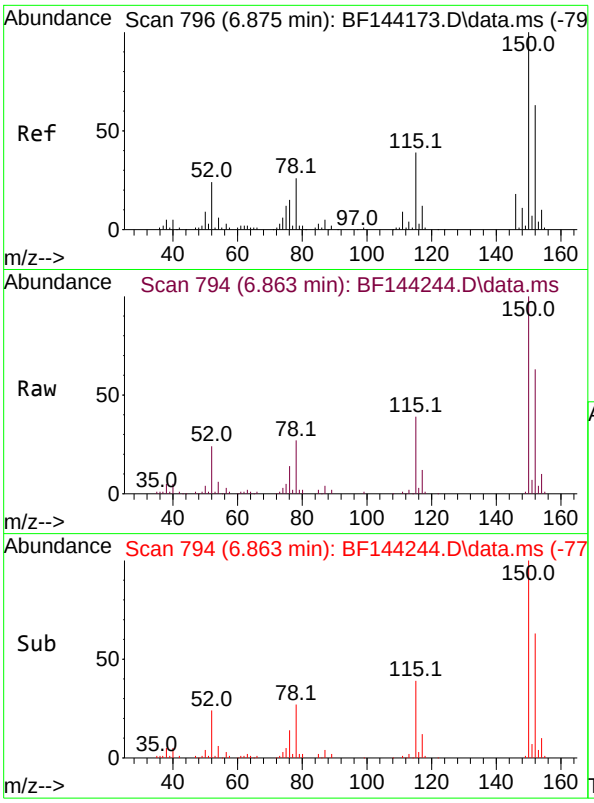
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
BNA_F
ClientSampleId :
PB170473BL

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



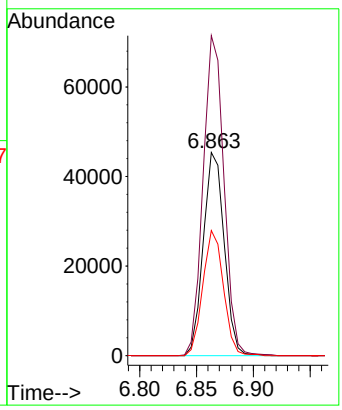


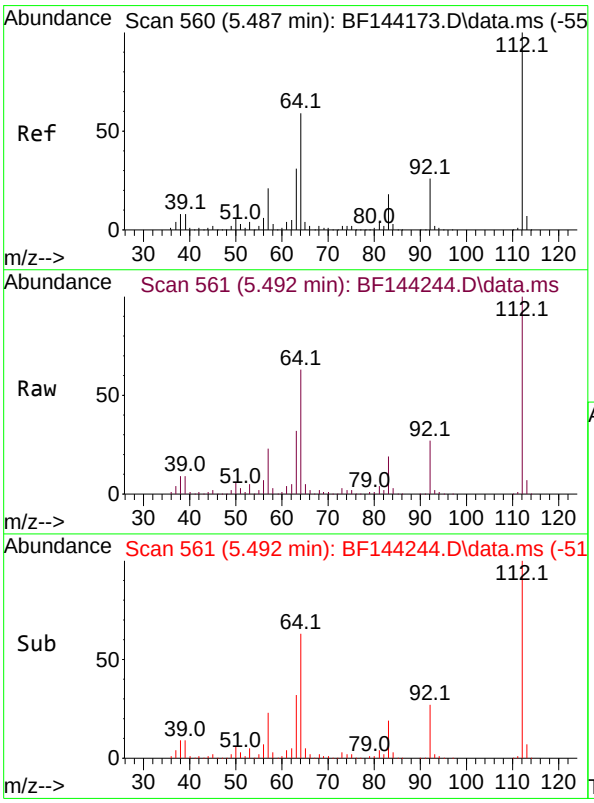
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion:152 Resp: 58185

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

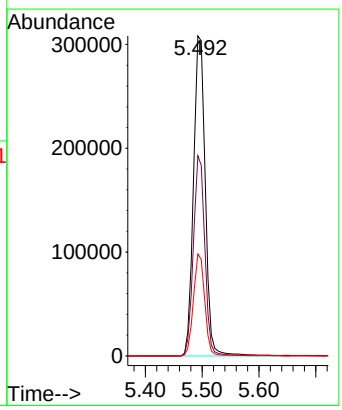


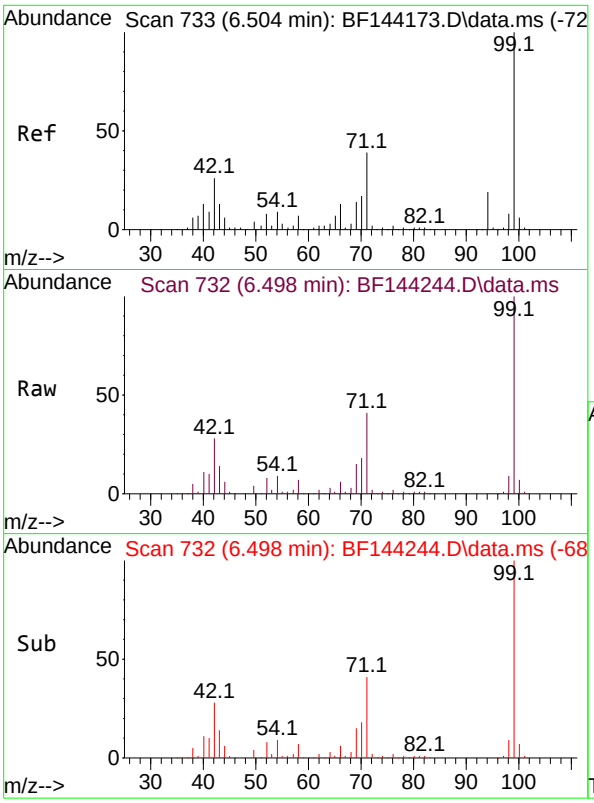


#5
2-Fluorophenol
Concen: 118.955 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:112 Resp: 442296

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



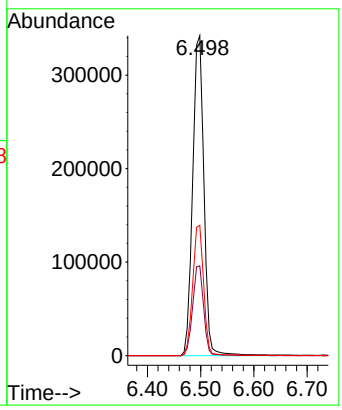


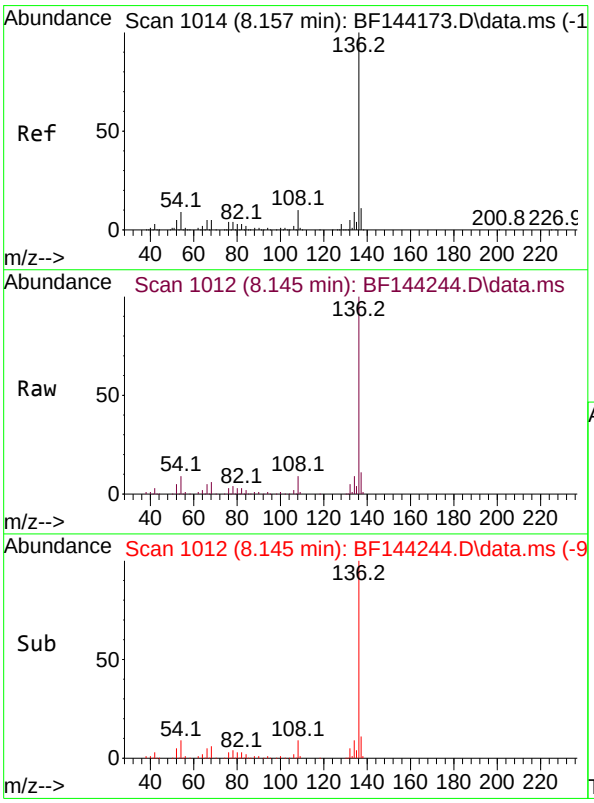
#7
Phenol-d6
Concen: 119.434 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion: 99 Resp: 503178

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

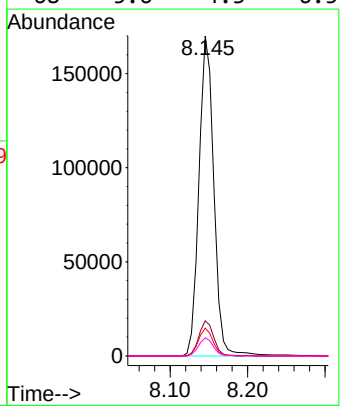


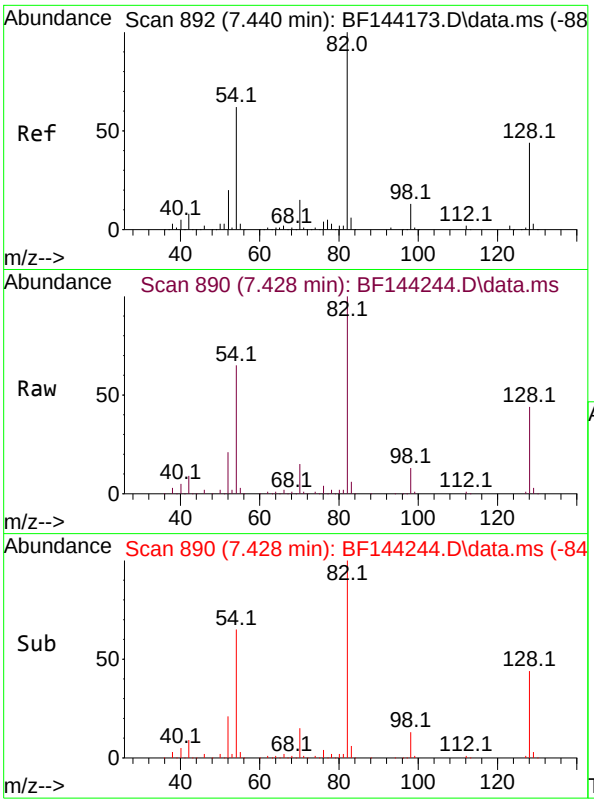


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:136 Resp: 226377

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



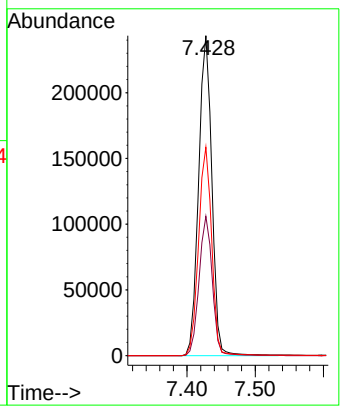


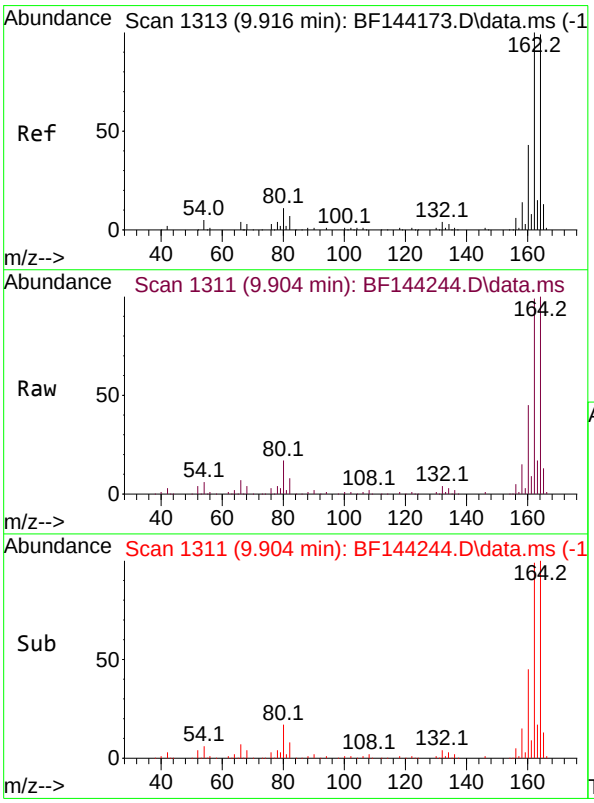
#23
Nitrobenzene-d5
Concen: 84.032 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion: 82 Resp: 329373

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

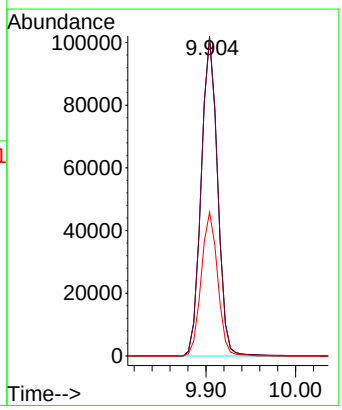


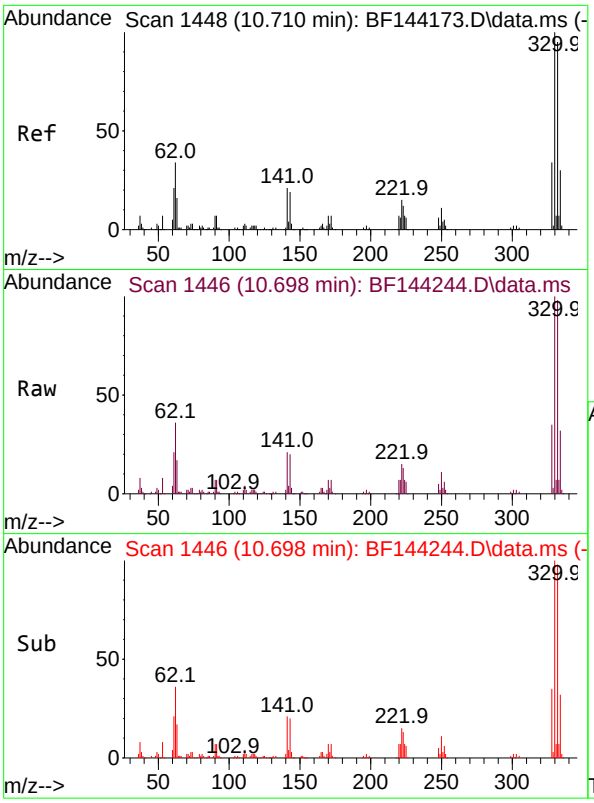


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:164 Resp: 128860

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



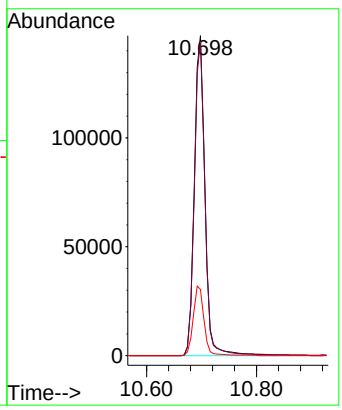


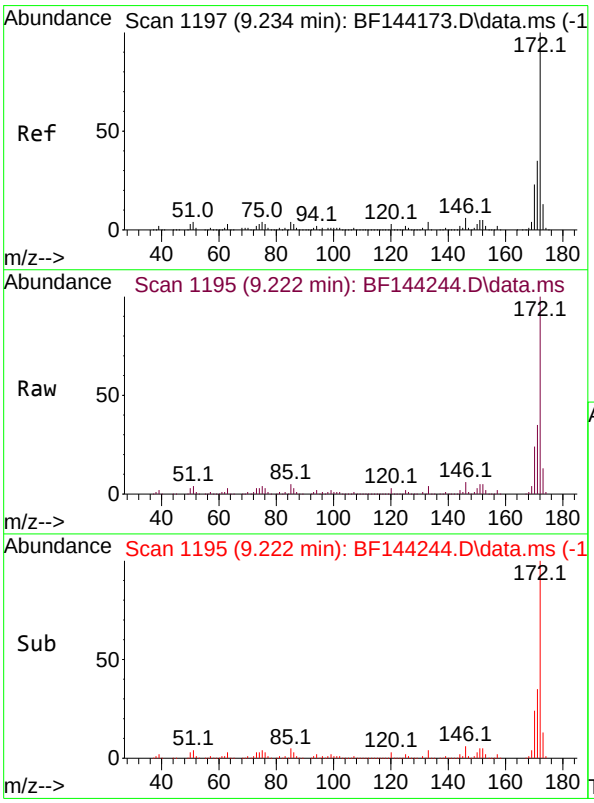
#42
2,4,6-Tribromophenol
Concen: 122.460 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion:330 Resp: 198023

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

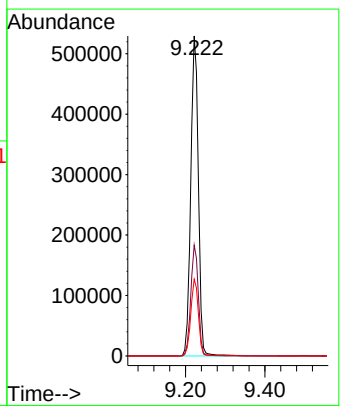


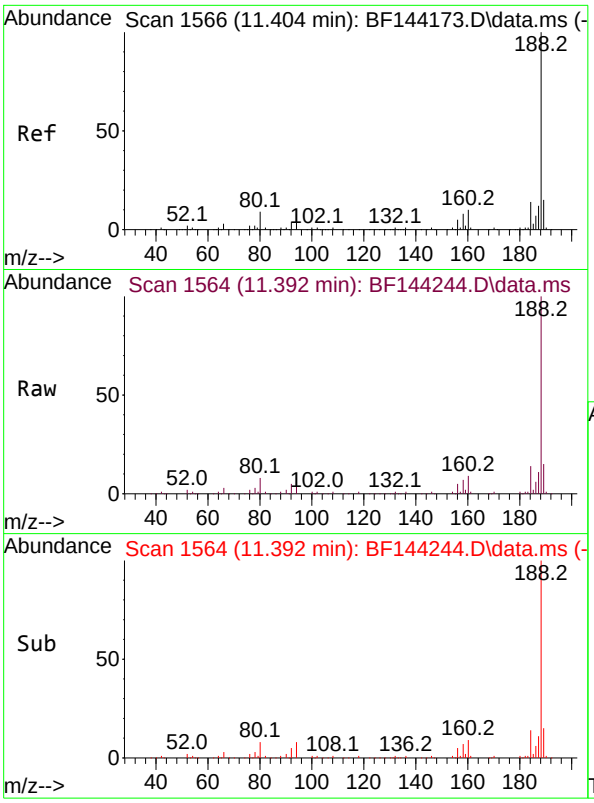


#45
2-Fluorobiphenyl
Concen: 80.818 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:172 Resp: 705126

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



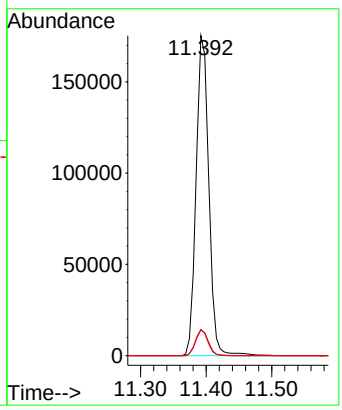


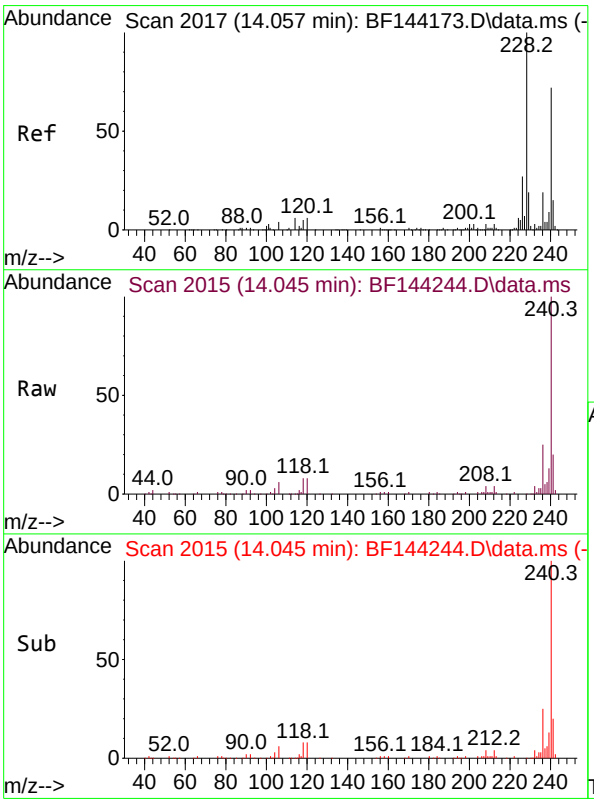
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion:188 Resp: 235212

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

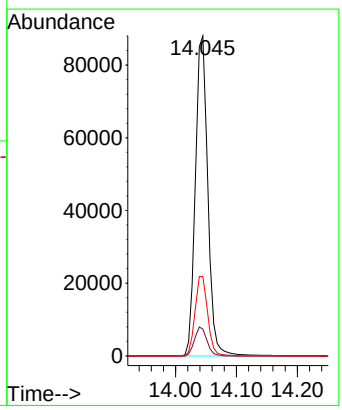


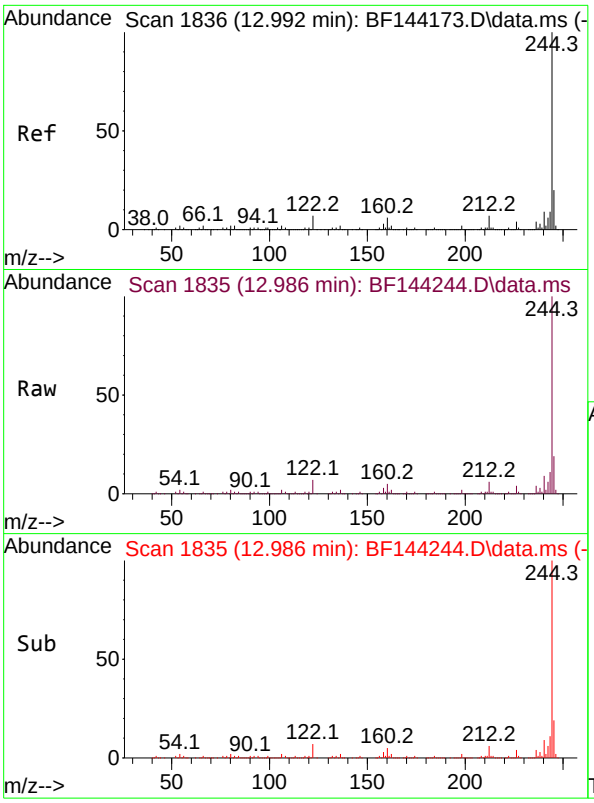


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:240 Resp: 125254

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



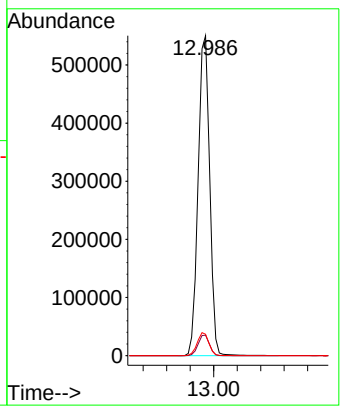


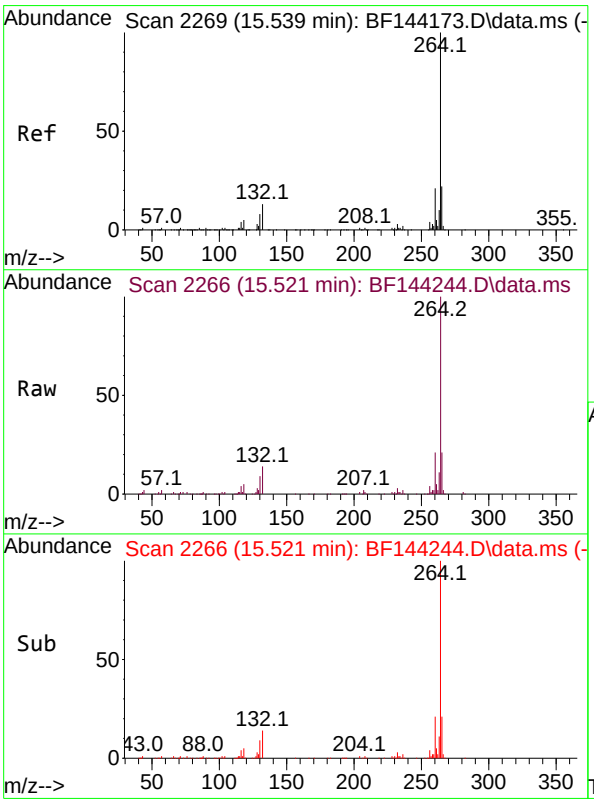
#79
Terphenyl-d14
Concen: 94.955 ng
RT: 12.986 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion:244 Resp: 748766

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

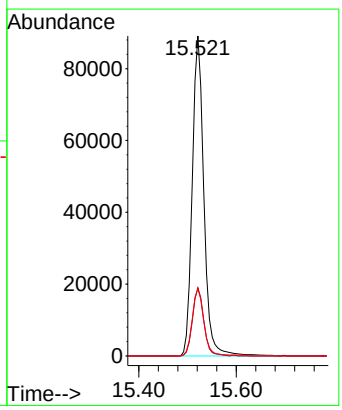




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:264 Resp: 146599

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



Sample Results: **BF144244.D**

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

Instrument :
BNA_F
ClientSampleId :
PB170473BL

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

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

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

Signal : TIC: BF144244.D\data.ms

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

Sum of corrected areas: 12118794

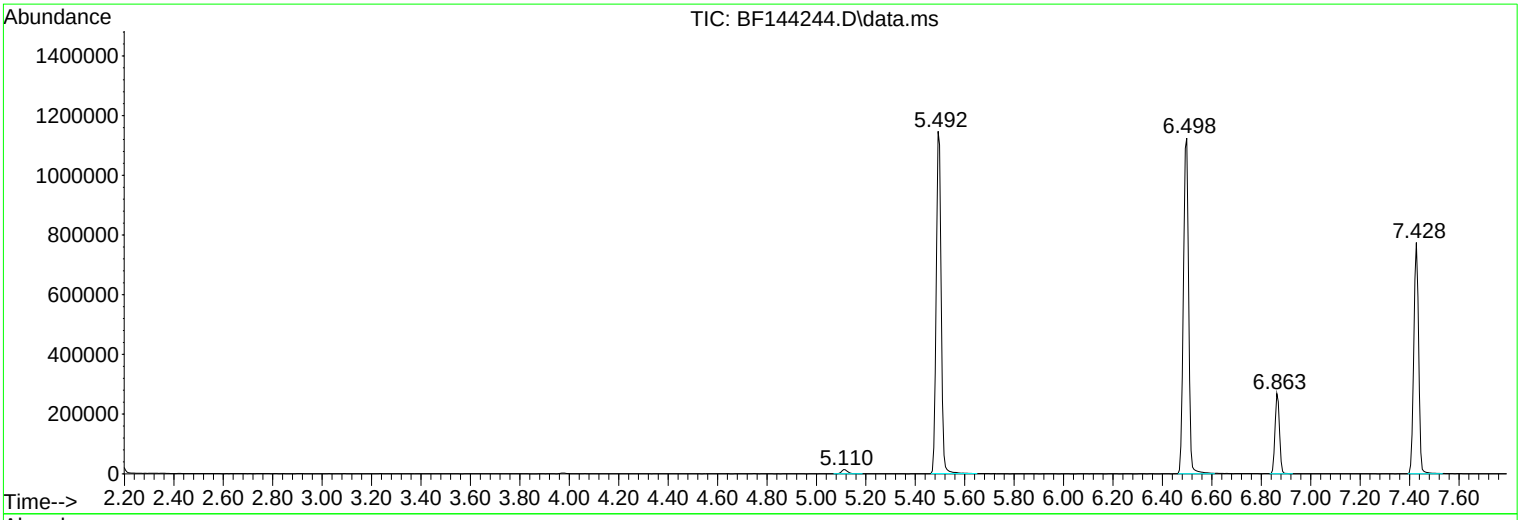
Sample Results: **BF144244.D**

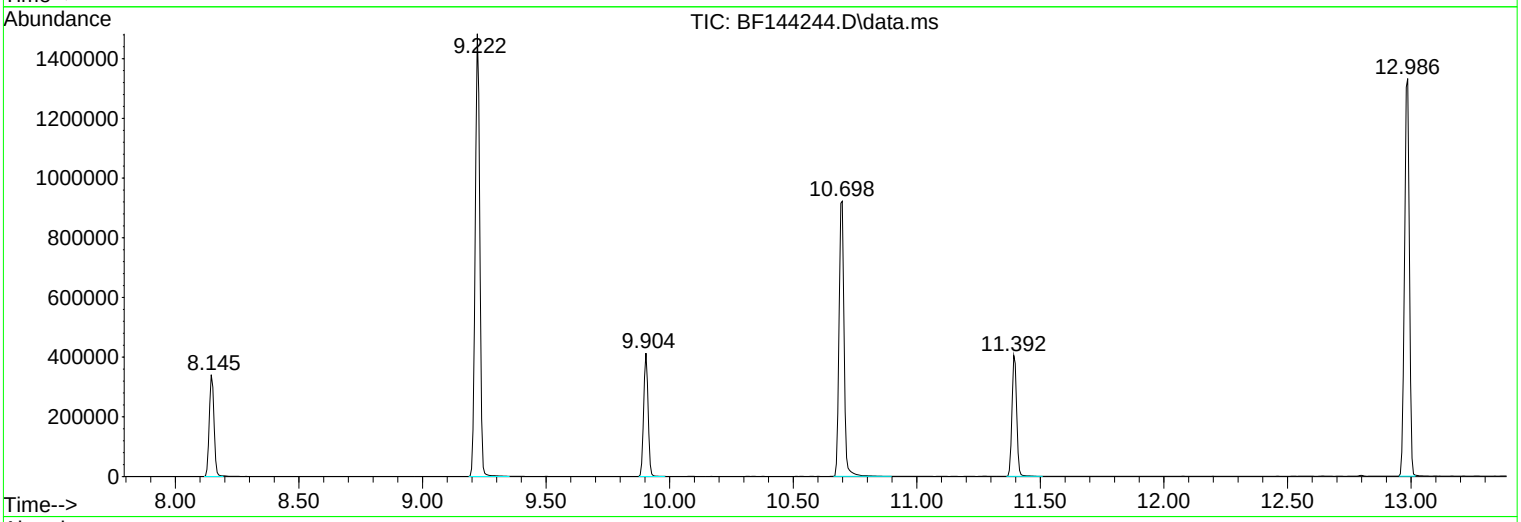
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

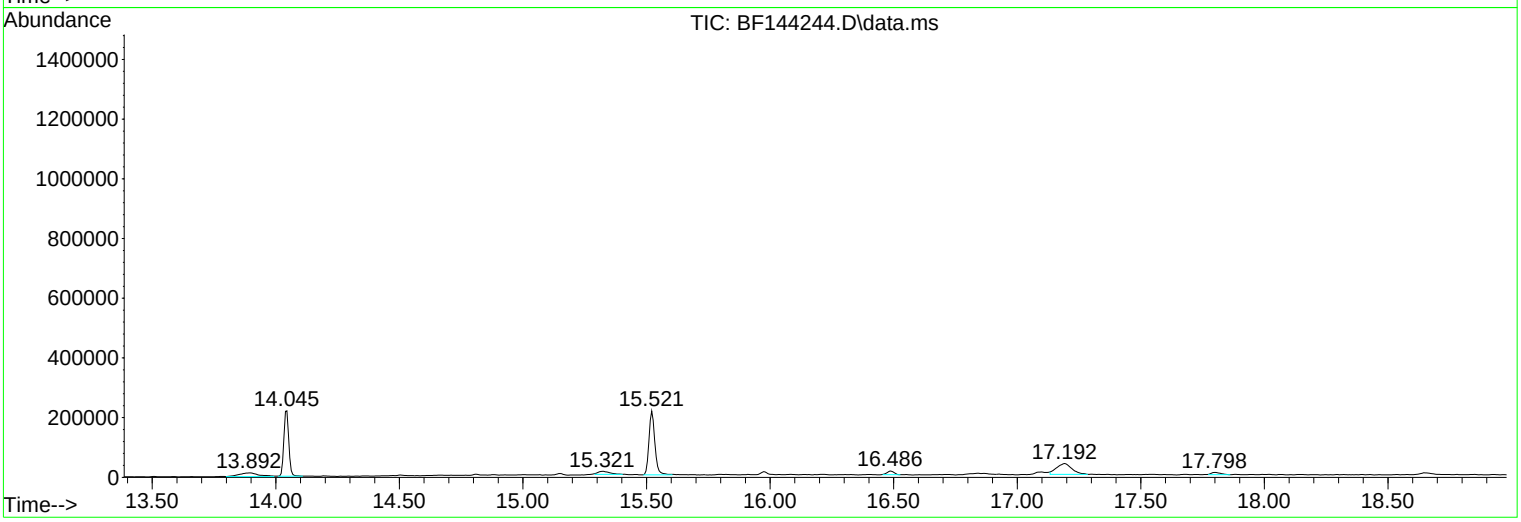
Instrument :
BNA_F
ClientSampleId :
PB170473BL

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

TIC Library :
TIC Integration Parameters: rteint.p







Library Search Compound Report

Sample Results: **BF144244.D**

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

Instrument :
BNA_F
ClientSampleId :
PB170473BL

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

TIC Library :
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

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

Instrument :
BNA_F
ClientSampleId :
PB170473BL

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

TIC Library :
TIC Integration Parameters: rteint.p

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

Quantitation Report (QT Reviewed)

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

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

Instrument :
BNA_F
ClientSampleId :
PB170473BS

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

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

Quantitation Report (QT Reviewed)

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

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

Instrument :
BNA_F
ClientSampleId :
PB170473BS

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

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

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

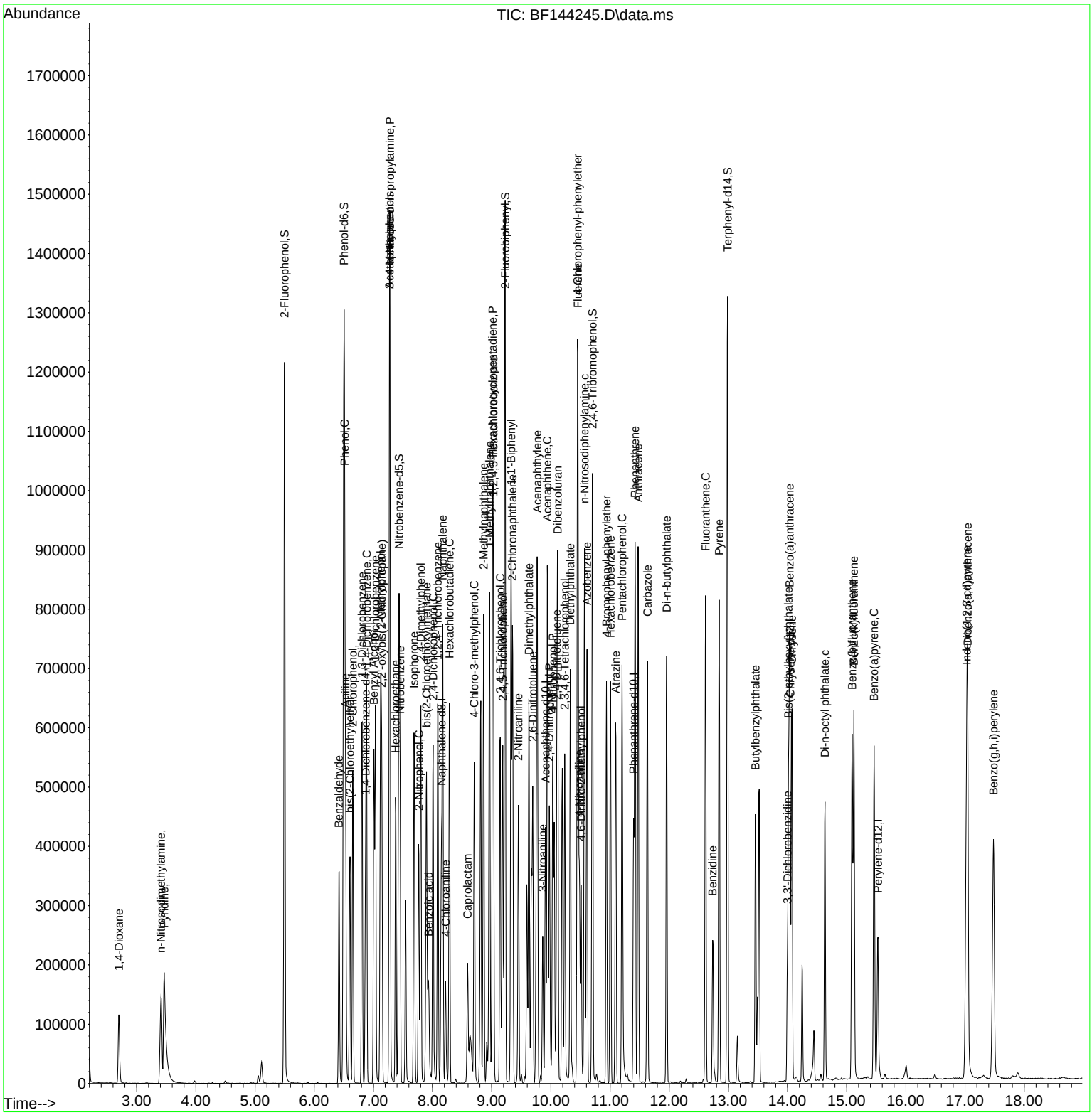
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144245.D
Acq On : 13 Nov 2025 15:55
Operator : RC/JU
Sample : PB170473BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Manual Integrations APPROVED

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



Sample Results: **BF144246.D**

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

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

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

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

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

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

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

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Manual Integrations APPROVED

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

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

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

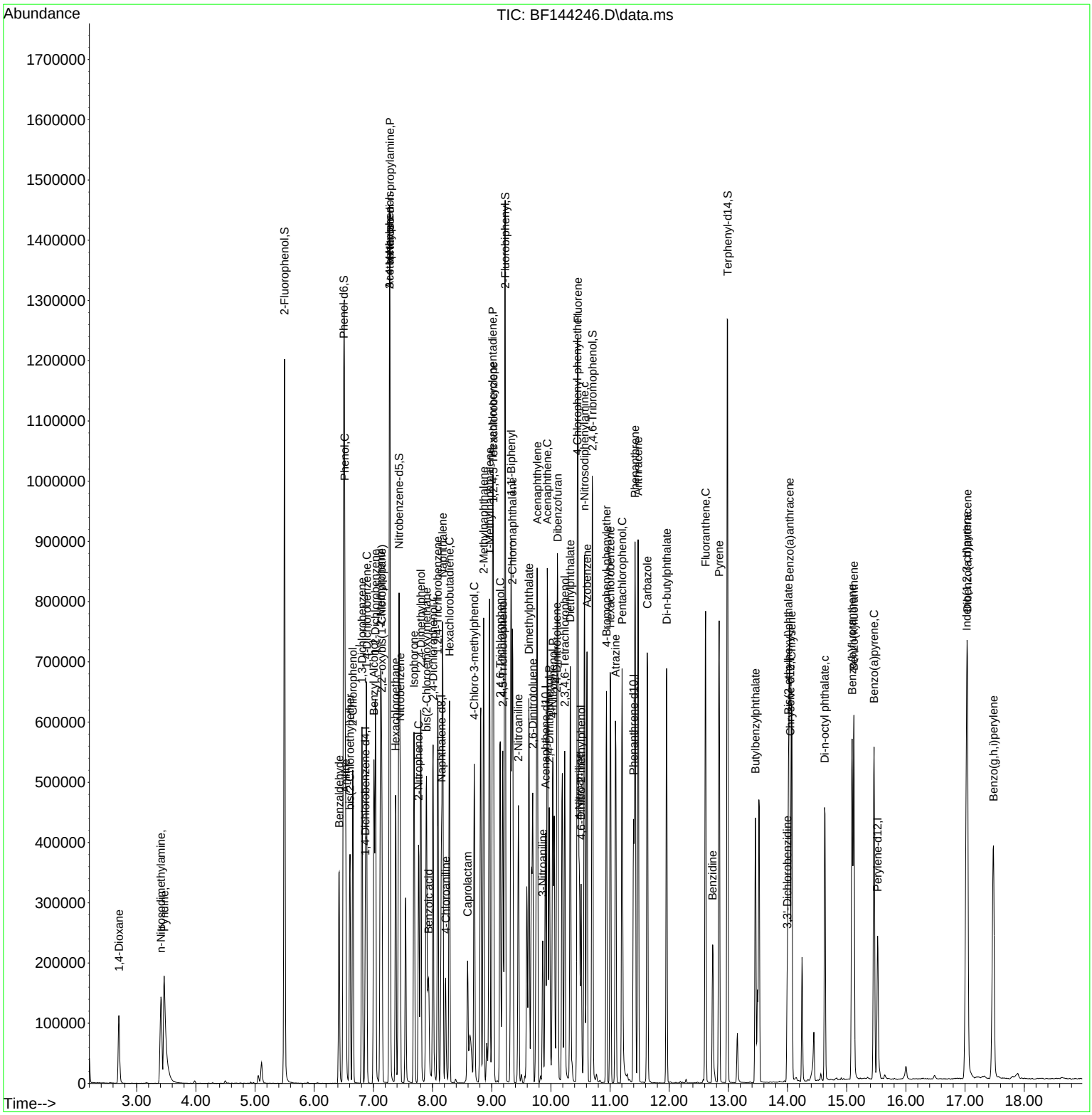
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144246.D
Acq On : 13 Nov 2025 16:24
Operator : RC/JU
Sample : PB170473BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Manual Integrations APPROVED

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



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

Manual Integration Report

Sequence:	BF110525	Instrument	BNA_f

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

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Manual Integration Report

Sequence:	Bf111325	Instrument	BNA_f

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

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

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Manual Integration Report

Sequence:	BP111125	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP026090.D	Acenaphthene	rahul	11/12/2025 9:19:43 AM	Jagrut	11/12/2025 11:21:52 AM	Peak Integrated by Software
SSTDCCC040	BP026090.D	Indeno(1,2,3-cd)pyrene	rahul	11/12/2025 9:19:43 AM	Jagrut	11/12/2025 11:21:52 AM	Peak Integrated by Software
Q3569-01	BP026095.D	Bis(2-ethylhexyl)phthalate	rahul	11/12/2025 9:19:52 AM	Jagrut	11/12/2025 11:22:06 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BP111225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP026108.D	Acenaphthene	Jagrut	11/13/2025 5:05:28 PM	mohammad	11/14/2025 1:01:13 AM	Peak Integrated by Software
SSTDCCC040	BP026108.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/13/2025 5:05:28 PM	mohammad	11/14/2025 1:01:13 AM	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

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111325

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

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

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

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

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

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

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

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111125

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

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

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

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111225

Review By	rahul	Review On	11/12/2025 2:00:13 PM				
Supervise By	mohammad	Supervise On	11/14/2025 1:01:13 AM				
SubDirectory	BP111225	HP Acquire Method	BNA_P		HP Processing Method	BP102925	

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026107.D	12 Nov 2025 10:55	RC/JU	Ok
2	SSTDCCC040	BP026108.D	12 Nov 2025 11:36	RC/JU	Ok,M
3	PB170495BL	BP026109.D	12 Nov 2025 12:17	RC/JU	Ok
4	PB170495BS	BP026110.D	12 Nov 2025 12:58	RC/JU	Ok
5	Q3577-04MS	BP026111.D	12 Nov 2025 13:51	RC/JU	Ok,M
6	Q3577-04MSD	BP026112.D	12 Nov 2025 14:32	RC/JU	Ok,M
7	Q3601-16	BP026113.D	12 Nov 2025 15:13	RC/JU	Ok
8	Q3601-20	BP026114.D	12 Nov 2025 15:55	RC/JU	Ok
9	Q3584-07	BP026115.D	12 Nov 2025 16:36	RC/JU	Not Ok
10	Q3569-02DL	BP026116.D	12 Nov 2025 17:17	RC/JU	Ok
11	Q3597-01	BP026117.D	12 Nov 2025 17:58	RC/JU	Ok
12	Q3597-04	BP026118.D	12 Nov 2025 18:39	RC/JU	Ok
13	Q3597-07	BP026119.D	12 Nov 2025 19:21	RC/JU	Ok
14	Q3597-07MS	BP026120.D	12 Nov 2025 20:02	RC/JU	Ok,M
15	Q3597-07MSD	BP026121.D	12 Nov 2025 20:43	RC/JU	Ok,M
16	Q3597-10	BP026122.D	12 Nov 2025 21:24	RC/JU	Ok
17	Q3599-01	BP026123.D	12 Nov 2025 22:06	RC/JU	Ok
18	Q3598-01	BP026124.D	12 Nov 2025 22:47	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF110525

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

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

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

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111325

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

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

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

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

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

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

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

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111125

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

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

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

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111125

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

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

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

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111225

Review By	rahul	Review On	11/12/2025 2:00:13 PM		
Supervise By	mohammad	Supervise On	11/14/2025 1:01:13 AM		
SubDirectory	BP111225	HP Acquire Method	BNA_P	HP Processing Method	BP102925

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026107.D	12 Nov 2025 10:55		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026108.D	12 Nov 2025 11:36	CCC fail high side for compound #26,32,42,58,59,65,85 & low for compound #77	RC/JU	Ok,M
3	PB170495BL	PB170495BL	BP026109.D	12 Nov 2025 12:17		RC/JU	Ok
4	PB170495BS	PB170495BS	BP026110.D	12 Nov 2025 12:58		RC/JU	Ok
5	Q3577-04MS	WC-1AMS	BP026111.D	12 Nov 2025 13:51		RC/JU	Ok,M
6	Q3577-04MSD	WC-1AMSD	BP026112.D	12 Nov 2025 14:32		RC/JU	Ok,M
7	Q3601-16	TP-4	BP026113.D	12 Nov 2025 15:13		RC/JU	Ok
8	Q3601-20	TP-5	BP026114.D	12 Nov 2025 15:55		RC/JU	Ok
9	Q3584-07	SEEP-1	BP026115.D	12 Nov 2025 16:36	Sample for the sim Test Loaded by mistake	RC/JU	Not Ok
10	Q3569-02DL	MW-12DL	BP026116.D	12 Nov 2025 17:17		RC/JU	Ok
11	Q3597-01	TP-1	BP026117.D	12 Nov 2025 17:58		RC/JU	Ok
12	Q3597-04	TP-2	BP026118.D	12 Nov 2025 18:39		RC/JU	Ok
13	Q3597-07	TP-3	BP026119.D	12 Nov 2025 19:21		RC/JU	Ok
14	Q3597-07MS	TP-3MS	BP026120.D	12 Nov 2025 20:02		RC/JU	Ok,M
15	Q3597-07MSD	TP-3MSD	BP026121.D	12 Nov 2025 20:43		RC/JU	Ok,M
16	Q3597-10	TP-4	BP026122.D	12 Nov 2025 21:24		RC/JU	Ok
17	Q3599-01	LIVINGSTON-SOIL	BP026123.D	12 Nov 2025 22:06		RC/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111225

Review By	rahul	Review On	11/12/2025 2:00:13 PM		
Supervise By	mohammad	Supervise On	11/14/2025 1:01:13 AM		
SubDirectory	BP111225	HP Acquire Method	BNA_P	HP Processing Method	BP102925

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

18	Q3598-01	EO-CONCRETE	BP026124.D	12 Nov 2025 22:47		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170473

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

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6895
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
H2SO4 1:1	N/A	EP2657
10N NaoH	N/A	EP2658
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

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

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

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

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170473

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

Concentration Date: 11/10/2025

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

RS
11/10

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

1704473
S.W.

WORKLIST(Hardcopy Internal Chain)

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

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

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

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

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

LAB CHRONICLE

OrderID:	Q3569	**OrderDate:**	11/6/2025 3:21:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3569-01	**MW-2**	**Water**			**11/05/25**			**11/06/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
			SVOC-TCL BNA -20	8270E		11/10/25	11/11/25	
Q3569-01DL	**MW-2DL**	**Water**			**11/05/25**			**11/06/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
Q3569-02	**MW-12**	**Water**			**11/05/25**			**11/06/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
			SVOC-TCL BNA -20	8270E		11/10/25	11/11/25	
Q3569-02DL	**MW-12DL**	**Water**			**11/05/25**			**11/06/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
			SVOC-TCL BNA -20	8270E		11/10/25	11/12/25	