

Hit Summary Sheet SW-846

SDG No.: Q3742

Client: Remington & Vernick

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SB-1125-23								
Q3742-01	SB-1125-23	SOIL	Naphthalene	260.000		32.3	240	ug/Kg
Q3742-01	SB-1125-23	SOIL	2-Methylnaphthalene	200.000	J	36.5	240	ug/Kg
Q3742-01	SB-1125-23	SOIL	Acenaphthene	240.000		30.3	240	ug/Kg
Q3742-01	SB-1125-23	SOIL	Dibenzofuran	240.000		32.3	240	ug/Kg
Q3742-01	SB-1125-23	SOIL	Fluorene	390.000		36	240	ug/Kg
Q3742-01	SB-1125-23	SOIL	Phenanthrene	2,500.000		29.8	240	ug/Kg
Q3742-01	SB-1125-23	SOIL	Anthracene	660.000		47.4	240	ug/Kg
Q3742-01	SB-1125-23	SOIL	Carbazole	210.000	J	44.4	240	ug/Kg
Q3742-01	SB-1125-23	SOIL	Fluoranthene	1,600.000		42.7	240	ug/Kg
Q3742-01	SB-1125-23	SOIL	Pyrene	1,500.000		51.3	240	ug/Kg
Q3742-01	SB-1125-23	SOIL	Benzo(a)anthracene	900.000		32.8	240	ug/Kg
Q3742-01	SB-1125-23	SOIL	Chrysene	820.000		28.4	240	ug/Kg
Q3742-01	SB-1125-23	SOIL	Benzo(b)fluoranthene	740.000		27.1	240	ug/Kg
Q3742-01	SB-1125-23	SOIL	Benzo(k)fluoranthene	250.000		31.9	240	ug/Kg
Q3742-01	SB-1125-23	SOIL	Benzo(a)pyrene	630.000		42	240	ug/Kg
Q3742-01	SB-1125-23	SOIL	Indeno(1,2,3-cd)pyrene	240.000		41.5	240	ug/Kg
Q3742-01	SB-1125-23	SOIL	Dibenzo(a,h)anthracene	96.000	J	39	240	ug/Kg
Q3742-01	SB-1125-23	SOIL	Benzo(g,h,i)perylene	280.000		36.6	240	ug/Kg
			Total Svoc :	11,756.00				
Q3742-01	SB-1125-23	SOIL	1-Methylnaphthalene	*	170.000	J 36.8	240	ug/Kg
			Total Tics :	170.00				
			Total Concentration:	11,926.00				
Client ID : SB-1125-19								
Q3742-02	SB-1125-19	SOIL	Phenanthrene	170.000	J	50.9	410	ug/Kg
Q3742-02	SB-1125-19	SOIL	Fluoranthene	320.000	J	73.1	410	ug/Kg
Q3742-02	SB-1125-19	SOIL	Pyrene	340.000	J	87.8	410	ug/Kg
Q3742-02	SB-1125-19	SOIL	Benzo(a)anthracene	230.000	J	56.1	410	ug/Kg
Q3742-02	SB-1125-19	SOIL	Chrysene	230.000	J	48.5	410	ug/Kg
Q3742-02	SB-1125-19	SOIL	Benzo(b)fluoranthene	250.000	J	46.3	410	ug/Kg
Q3742-02	SB-1125-19	SOIL	Benzo(a)pyrene	230.000	J	71.9	410	ug/Kg
			Total Svoc :	1,770.00				
Q3742-02	SB-1125-19	SOIL	Hexanoic acid, 2-hydroxy-2-butyl *	11,000.000	J	0	0	ug/Kg
Q3742-02	SB-1125-19	SOIL	n-Hexadecanoic acid *	470.000	J	0	0	ug/Kg
			Total Tics :	11,470.00				
			Total Concentration:	13,240.00				
Client ID : SB-1125-8								
Q3742-03	SB-1125-8	SOIL	Benzaldehyde	180.000	J	180	390	ug/Kg

Hit Summary Sheet SW-846

SDG No.: Q3742
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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
Q3742-03	SB-1125-8	SOIL	Naphthalene	380.000		26.6	200	ug/Kg	
Q3742-03	SB-1125-8	SOIL	2-Methylnaphthalene	500.000		30	200	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Dibenzofuran	130.000	J	26.6	200	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Phenanthrene	460.000		24.5	200	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Di-n-butylphthalate	380.000		56.2	200	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Fluoranthene	440.000		35.2	200	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Pyrene	400.000		42.2	200	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Benzo(a)anthracene	220.000		27	200	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Chrysene	270.000		23.3	200	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Benzo(b)fluoranthene	320.000		22.3	200	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Benzo(k)fluoranthene	110.000	J	26.3	200	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Benzo(a)pyrene	230.000		34.6	200	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Indeno(1,2,3-cd)pyrene	130.000	J	34.1	200	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Benzo(g,h,i)perylene	150.000	J	30.1	200	ug/Kg	
Total Svoc :				4,300.00					
Q3742-03	SB-1125-8	SOIL	1-Heneicosanol	*	790.000	J	0	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Anthracene, 1-methyl-	*	240.000	J	0	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Benzophenone	*	450.000	J	0	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Coumarin	*	790.000	J	0	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Heptadecane, 2,6-dimethyl-	*	190.000	J	0	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Heptadecyl heptafluorobutyrate	*	510.000	J	0	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Hexadecane	*	300.000	J	0	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Ethanone, 1-(2-hydroxyphenyl)-	*	420.000	J	0	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Naphthalene, 2,7-dimethyl-	*	240.000	J	0	ug/Kg	
Q3742-03	SB-1125-8	SOIL	n-Hexadecanoic acid	*	830.000	J	0	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Pentadecafluorooctanoic acid, octa	*	440.000	J	0	ug/Kg	
Q3742-03	SB-1125-8	SOIL	Phenanthrene, 4-methyl-	*	180.000	J	0	ug/Kg	
Q3742-03	SB-1125-8	SOIL	1-Methylnaphthalene	*	420.000	J	30.3	200	ug/Kg
Total Tics :				5,800.00					
Total Concentration:				10,100.00					
Client ID : SB-1125-9									
Q3742-04	SB-1125-9	SOIL	Naphthalene	190.000	J	28.8	220	ug/Kg	
Q3742-04	SB-1125-9	SOIL	2-Methylnaphthalene	300.000		32.5	220	ug/Kg	
Q3742-04	SB-1125-9	SOIL	Dibenzofuran	88.900	J	28.8	220	ug/Kg	
Q3742-04	SB-1125-9	SOIL	Phenanthrene	180.000	J	26.5	220	ug/Kg	
Q3742-04	SB-1125-9	SOIL	Di-n-butylphthalate	1,900.000		60.8	220	ug/Kg	
Total Svoc :				2,658.90					
Q3742-04	SB-1125-9	SOIL	Eicosane	*	130.000	J	0	ug/Kg	
Q3742-04	SB-1125-9	SOIL	Benzene, 1,3-dimethyl-	*	190.000	J	0	ug/Kg	
Q3742-04	SB-1125-9	SOIL	Benzophenone	*	310.000	J	0	ug/Kg	

Hit Summary Sheet SW-846

SDG No.: Q3742
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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3742-04	SB-1125-9	SOIL	Naphthalene, 1,4,5-trimethyl-	*	130.000	J 0	0	ug/Kg
Q3742-04	SB-1125-9	SOIL	Naphthalene, 1,7-dimethyl-	*	150.000	J 0	0	ug/Kg
Q3742-04	SB-1125-9	SOIL	Naphthalene, 2,3,6-trimethyl-	*	140.000	J 0	0	ug/Kg
Q3742-04	SB-1125-9	SOIL	Naphthalene, 2,6-dimethyl-	*	120.000	J 0	0	ug/Kg
Q3742-04	SB-1125-9	SOIL	n-Hexadecanoic acid	*	730.000	J 0	0	ug/Kg
Q3742-04	SB-1125-9	SOIL	Octadecane	*	240.000	J 0	0	ug/Kg
Q3742-04	SB-1125-9	SOIL	Pentadecane, 2,6,10,14-tetramethyl-	*	160.000	J 0	0	ug/Kg
Q3742-04	SB-1125-9	SOIL	Phenanthrene, 1-methyl-	*	150.000	J 0	0	ug/Kg
Q3742-04	SB-1125-9	SOIL	Phenanthrene, 2-methyl-	*	200.000	J 0	0	ug/Kg
Q3742-04	SB-1125-9	SOIL	Undecane	*	120.000	J 0	0	ug/Kg
Q3742-04	SB-1125-9	SOIL	1-Methylnaphthalene	*	280.000	J 32.8	220	ug/Kg
Total Tics :					3,050.00			
Total Concentration:					5,708.90			
Client ID : SB-1125-21								
Q3742-05	SB-1125-21	SOIL	Fluoranthene		110.000	J 37.7	210	ug/Kg
Q3742-05	SB-1125-21	SOIL	Pyrene		120.000	J 45.2	210	ug/Kg
Total Svoc :					230.00			
Q3742-05	SB-1125-21	SOIL	1-Hexadecanol	*	89.600	J 0	0	ug/Kg
Q3742-05	SB-1125-21	SOIL	Benzophenone	*	160.000	J 0	0	ug/Kg
Q3742-05	SB-1125-21	SOIL	Isopropyl palmitate	*	120.000	J 0	0	ug/Kg
Q3742-05	SB-1125-21	SOIL	n-Hexadecanoic acid	*	280.000	J 0	0	ug/Kg
Q3742-05	SB-1125-21	SOIL	n-Tetracosanol-1	*	250.000	J 0	0	ug/Kg
Total Tics :					899.60			
Total Concentration:					1,129.60			
Client ID : SB-1125-13								
Q3742-06	SB-1125-13	SOIL	2-Methylnaphthalene		110.000	J 29.9	200	ug/Kg
Q3742-06	SB-1125-13	SOIL	Phenanthrene		90.200	J 24.4	200	ug/Kg
Total Svoc :					200.20			
Q3742-06	SB-1125-13	SOIL	Behenic alcohol	*	190.000	J 0	0	ug/Kg
Q3742-06	SB-1125-13	SOIL	Benzophenone	*	190.000	J 0	0	ug/Kg
Q3742-06	SB-1125-13	SOIL	Naphthalene, 2,3,6-trimethyl-	*	85.200	J 0	0	ug/Kg
Q3742-06	SB-1125-13	SOIL	Naphthalene, 2,3-dimethyl-	*	79.300	J 0	0	ug/Kg
Q3742-06	SB-1125-13	SOIL	n-Hexadecanoic acid	*	350.000	J 0	0	ug/Kg
Q3742-06	SB-1125-13	SOIL	1-Methylnaphthalene	*	110.000	J 30.1	200	ug/Kg
Total Tics :					1,004.50			
Total Concentration:					1,204.70			
Client ID : SB-1125-18								
Q3742-07	SB-1125-18	SOIL	3+4-Methylphenols		140.000	J 60.2	480	ug/Kg
Q3742-07	SB-1125-18	SOIL	Naphthalene		97.800	J 33.2	250	ug/Kg

Hit Summary Sheet SW-846

SDG No.: Q3742
Client: Remington & Vernick

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3742-07	SB-1125-18	SOIL	Phenanthrene	100.000	J	30.6	250	ug/Kg
Q3742-07	SB-1125-18	SOIL	Fluoranthene	160.000	J	43.9	250	ug/Kg
Q3742-07	SB-1125-18	SOIL	Pyrene	130.000	J	52.7	250	ug/Kg
Q3742-07	SB-1125-18	SOIL	Benzo(b)fluoranthene	110.000	J	27.8	250	ug/Kg
Total Svoc :				737.80				
Q3742-07	SB-1125-18	SOIL	1,3,5-Cycloheptatriene	*	250.000	J	0	ug/Kg
Q3742-07	SB-1125-18	SOIL	1,5,6,7-Tetramethyl-3-phenylbicyclopentadiene	*	110.000	J	0	ug/Kg
Q3742-07	SB-1125-18	SOIL	12-Azabicyclo[9.2.2]pentadecan-1-ene	*	110.000	J	0	ug/Kg
Q3742-07	SB-1125-18	SOIL	8-Isopropyl-1,3-dimethylphenanthrene	*	230.000	J	0	ug/Kg
Q3742-07	SB-1125-18	SOIL	Benzophenone	*	140.000	J	0	ug/Kg
Q3742-07	SB-1125-18	SOIL	Dodecane, 1-iodo-	*	230.000	J	0	ug/Kg
Q3742-07	SB-1125-18	SOIL	Heptadecane, 2,6,10,14-tetramethyl-	*	190.000	J	0	ug/Kg
Q3742-07	SB-1125-18	SOIL	Retene	*	130.000	J	0	ug/Kg
Q3742-07	SB-1125-18	SOIL	Tridecane, 1-iodo-	*	240.000	J	0	ug/Kg
Q3742-07	SB-1125-18	SOIL	n-Hexadecanoic acid	*	420.000	J	0	ug/Kg
Q3742-07	SB-1125-18	SOIL	Phenanthrene, 3,6-dimethyl-	*	150.000	J	0	ug/Kg
Total Tics :				2,200.00				
Total Concentration:				2,937.80				
Client ID : SB-1125-20								
Q3742-08	SB-1125-20	SOIL	Naphthalene	490.000		28.2	210	ug/Kg
Q3742-08	SB-1125-20	SOIL	Acenaphthene	170.000	J	26.5	210	ug/Kg
Q3742-08	SB-1125-20	SOIL	Dibenzofuran	120.000	J	28.2	210	ug/Kg
Q3742-08	SB-1125-20	SOIL	Fluorene	270.000		31.4	210	ug/Kg
Q3742-08	SB-1125-20	SOIL	Phenanthrene	1,700.000		26	210	ug/Kg
Q3742-08	SB-1125-20	SOIL	Anthracene	530.000		41.4	210	ug/Kg
Q3742-08	SB-1125-20	SOIL	Carbazole	140.000	J	38.8	210	ug/Kg
Q3742-08	SB-1125-20	SOIL	Fluoranthene	1,600.000		37.3	210	ug/Kg
Q3742-08	SB-1125-20	SOIL	Pyrene	1,300.000		44.7	210	ug/Kg
Q3742-08	SB-1125-20	SOIL	Benzo(a)anthracene	910.000		28.6	210	ug/Kg
Q3742-08	SB-1125-20	SOIL	Chrysene	810.000		24.7	210	ug/Kg
Q3742-08	SB-1125-20	SOIL	Benzo(b)fluoranthene	890.000		23.6	210	ug/Kg
Q3742-08	SB-1125-20	SOIL	Benzo(k)fluoranthene	310.000		27.8	210	ug/Kg
Q3742-08	SB-1125-20	SOIL	Benzo(a)pyrene	760.000		36.6	210	ug/Kg
Q3742-08	SB-1125-20	SOIL	Indeno(1,2,3-cd)pyrene	250.000		36.1	210	ug/Kg
Q3742-08	SB-1125-20	SOIL	Dibenzo(a,h)anthracene	87.600	J	34	210	ug/Kg
Q3742-08	SB-1125-20	SOIL	Benzo(g,h,i)perylene	290.000		31.9	210	ug/Kg
Total Svoc :				10,627.60				
Q3742-08	SB-1125-20	SOIL	11H-Benzo[b]fluorene	*	120.000	J	0	ug/Kg
Q3742-08	SB-1125-20	SOIL	1H-Cyclopropa[1]phenanthrene,1a	*	1,100.000	J	0	ug/Kg
Q3742-08	SB-1125-20	SOIL	2,4,2,4-Tetramethyl-biphenyl	*	190.000	J	0	ug/Kg

Hit Summary Sheet SW-846

SDG No.: Q3742
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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3742-08	SB-1125-20	SOIL	9H-Fluorene, 2-methyl-	*	130.000	J 0	0	ug/Kg
Q3742-08	SB-1125-20	SOIL	Anthracene, 1,2,3,4-tetrahydro-	*	160.000	J 0	0	ug/Kg
Q3742-08	SB-1125-20	SOIL	Anthracene, 1-methyl-	*	190.000	J 0	0	ug/Kg
Q3742-08	SB-1125-20	SOIL	Benzo[e]pyrene	*	220.000	J 0	0	ug/Kg
Q3742-08	SB-1125-20	SOIL	Benzophenone	*	280.000	J 0	0	ug/Kg
Q3742-08	SB-1125-20	SOIL	di-p-Tolylacetylene	*	130.000	J 0	0	ug/Kg
Q3742-08	SB-1125-20	SOIL	Fluoranthene, 2-methyl-	*	190.000	J 0	0	ug/Kg
Q3742-08	SB-1125-20	SOIL	Naphtho[2,1-b]thiophene	*	170.000	J 0	0	ug/Kg
Q3742-08	SB-1125-20	SOIL	Perylene	*	470.000	J 0	0	ug/Kg
Q3742-08	SB-1125-20	SOIL	Pyrene, 4-methyl-	*	120.000	J 0	0	ug/Kg

Total Tics : 3,470.00
Total Concentration: 14,097.60

Client ID : SB-1125-22

Q3742-09	SB-1125-22	SOIL	Phenanthrene		99.100	J 28.6	230	ug/Kg
Q3742-09	SB-1125-22	SOIL	Fluoranthene		180.000	J 41.1	230	ug/Kg
Q3742-09	SB-1125-22	SOIL	Pyrene		120.000	J 49.3	230	ug/Kg
Q3742-09	SB-1125-22	SOIL	Benzo(a)anthracene		150.000	J 31.5	230	ug/Kg
Q3742-09	SB-1125-22	SOIL	Chrysene		130.000	J 27.3	230	ug/Kg
Q3742-09	SB-1125-22	SOIL	Benzo(b)fluoranthene		180.000	J 26	230	ug/Kg
Q3742-09	SB-1125-22	SOIL	Benzo(a)pyrene		150.000	J 40.4	230	ug/Kg

Total Svoc : 1,009.10

Q3742-09	SB-1125-22	SOIL	Benzophenone	*	230.000	J 0	0	ug/Kg
Q3742-09	SB-1125-22	SOIL	.beta.-Tocopherol	*	890.000	J 0	0	ug/Kg
Q3742-09	SB-1125-22	SOIL	1,3,5-Cycloheptatriene	*	120.000	J 0	0	ug/Kg
Q3742-09	SB-1125-22	SOIL	Benzene, 1,2,3-trimethyl-	*	94.000	J 0	0	ug/Kg
Q3742-09	SB-1125-22	SOIL	Heptadecyl heptafluorobutyrate	*	170.000	J 0	0	ug/Kg
Q3742-09	SB-1125-22	SOIL	n-Hexadecanoic acid	*	500.000	J 0	0	ug/Kg

Total Tics : 2,004.00
Total Concentration: 3,013.10

Client ID : SB-1125-2

Q3742-10	SB-1125-2	SOIL	Phenanthrene		370.000		220	ug/Kg
Q3742-10	SB-1125-2	SOIL	Anthracene		130.000	J 43.5	220	ug/Kg
Q3742-10	SB-1125-2	SOIL	Fluoranthene		630.000	39.2	220	ug/Kg
Q3742-10	SB-1125-2	SOIL	Pyrene		460.000	47	220	ug/Kg
Q3742-10	SB-1125-2	SOIL	Benzo(a)anthracene		330.000	30	220	ug/Kg
Q3742-10	SB-1125-2	SOIL	Chrysene		280.000	26	220	ug/Kg
Q3742-10	SB-1125-2	SOIL	Benzo(b)fluoranthene		280.000	24.8	220	ug/Kg
Q3742-10	SB-1125-2	SOIL	Benzo(k)fluoranthene		110.000	J 29.3	220	ug/Kg
Q3742-10	SB-1125-2	SOIL	Benzo(a)pyrene		240.000	38.5	220	ug/Kg

Hit Summary Sheet SW-846

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Q3742-10	SB-1125-2	SOIL	Indeno(1,2,3-cd)pyrene	100.000	J	38	220	ug/Kg
Q3742-10	SB-1125-2	SOIL	Benzo(g,h,i)perylene	110.000	J	33.6	220	ug/Kg
Total Svoc :				3,040.00				
Q3742-10	SB-1125-2	SOIL	5-Eicosene, (E)-	*	140.000	J	0	ug/Kg
Q3742-10	SB-1125-2	SOIL	Benzophenone	*	200.000	J	0	ug/Kg
Q3742-10	SB-1125-2	SOIL	Phenanthrene, 2-methyl-	*	290.000	J	0	ug/Kg
Total Tics :				630.00				
Total Concentration:				3,670.00				
Client ID : SB-1125-1								
Q3742-16	SB-1125-1	SOIL	Bis(2-ethylhexyl)phthalate	280.000		80.5	230	ug/Kg
Total Svoc :				280.00				
Q3742-16	SB-1125-1	SOIL	17-Pentatriacontene	*	180.000	J	0	ug/Kg
Q3742-16	SB-1125-1	SOIL	Benzophenone	*	210.000	J	0	ug/Kg
Q3742-16	SB-1125-1	SOIL	n-Hexadecanoic acid	*	410.000	J	0	ug/Kg
Total Tics :				800.00				
Total Concentration:				1,080.00				
Client ID : SB-1125-25								
Q3742-17	SB-1125-25	SOIL	Naphthalene	160.000	J	35.8	270	ug/Kg
Q3742-17	SB-1125-25	SOIL	Phenanthrene	390.000		33	270	ug/Kg
Q3742-17	SB-1125-25	SOIL	Anthracene	180.000	J	52.5	270	ug/Kg
Q3742-17	SB-1125-25	SOIL	Fluoranthene	960.000		47.3	270	ug/Kg
Q3742-17	SB-1125-25	SOIL	Pyrene	630.000		56.8	270	ug/Kg
Q3742-17	SB-1125-25	SOIL	Benzo(a)anthracene	600.000		36.3	270	ug/Kg
Q3742-17	SB-1125-25	SOIL	Chrysene	500.000		31.4	270	ug/Kg
Q3742-17	SB-1125-25	SOIL	Benzo(b)fluoranthene	590.000		30	270	ug/Kg
Q3742-17	SB-1125-25	SOIL	Benzo(k)fluoranthene	210.000	J	35.3	270	ug/Kg
Q3742-17	SB-1125-25	SOIL	Benzo(a)pyrene	520.000		46.5	270	ug/Kg
Q3742-17	SB-1125-25	SOIL	Indeno(1,2,3-cd)pyrene	150.000	J	45.9	270	ug/Kg
Q3742-17	SB-1125-25	SOIL	Benzo(g,h,i)perylene	170.000	J	40.5	270	ug/Kg
Total Svoc :				5,060.00				
Q3742-17	SB-1125-25	SOIL	1,3,5-Cycloheptatriene	*	250.000	J	0	ug/Kg
Q3742-17	SB-1125-25	SOIL	11H-Benzo[a]fluorene	*	120.000	J	0	ug/Kg
Q3742-17	SB-1125-25	SOIL	11H-Benzo[b]fluorene	*	150.000	J	0	ug/Kg
Q3742-17	SB-1125-25	SOIL	Benzo[e]pyrene	*	300.000	J	0	ug/Kg
Q3742-17	SB-1125-25	SOIL	Benzophenone	*	310.000	J	0	ug/Kg
Q3742-17	SB-1125-25	SOIL	Pyrene, 1-methyl-	*	140.000	J	0	ug/Kg
Q3742-17	SB-1125-25	SOIL	n-Hexadecanoic acid	*	550.000	J	0	ug/Kg
Total Tics :				1,820.00				
Total Concentration:				6,880.00				

Hit Summary Sheet SW-846

SDG No.: Q3742
Client: Remington & Vernick

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SB-1125-24								
Q3742-18	SB-1125-24	SOIL	Phenanthrene	240.000	J	33.2	270	ug/Kg
Q3742-18	SB-1125-24	SOIL	Fluoranthene	540.000		47.6	270	ug/Kg
Q3742-18	SB-1125-24	SOIL	Pyrene	360.000		57.2	270	ug/Kg
Q3742-18	SB-1125-24	SOIL	Benzo(a)anthracene	420.000		36.5	270	ug/Kg
Q3742-18	SB-1125-24	SOIL	Chrysene	360.000		31.6	270	ug/Kg
Q3742-18	SB-1125-24	SOIL	Benzo(b)fluoranthene	470.000		30.2	270	ug/Kg
Q3742-18	SB-1125-24	SOIL	Benzo(k)fluoranthene	150.000	J	35.6	270	ug/Kg
Q3742-18	SB-1125-24	SOIL	Benzo(a)pyrene	410.000		46.8	270	ug/Kg
Q3742-18	SB-1125-24	SOIL	Indeno(1,2,3-cd)pyrene	120.000	J	46.2	270	ug/Kg
Q3742-18	SB-1125-24	SOIL	Benzo(g,h,i)perylene	140.000	J	40.8	270	ug/Kg
Total Svoc :				3,210.00				
Q3742-18	SB-1125-24	SOIL	Benzo[e]pyrene	*	210.000	J	0	ug/Kg
Q3742-18	SB-1125-24	SOIL	Benzophenone	*	380.000	J	0	ug/Kg
Q3742-18	SB-1125-24	SOIL	.beta.-Tocopherol	*	220.000	J	0	ug/Kg
Q3742-18	SB-1125-24	SOIL	.gamma.-Sitosterol	*	290.000	J	0	ug/Kg
Q3742-18	SB-1125-24	SOIL	1,3,5-Cycloheptatriene	*	160.000	J	0	ug/Kg
Q3742-18	SB-1125-24	SOIL	1-Hexacosene	*	290.000	J	0	ug/Kg
Q3742-18	SB-1125-24	SOIL	4b,8-Dimethyl-2-isopropylphenan	*	110.000	J	0	ug/Kg
Q3742-18	SB-1125-24	SOIL	Lup-20(29)-en-3-one	*	820.000	J	0	ug/Kg
Q3742-18	SB-1125-24	SOIL	Lupeol	*	2,200.000	J	0	ug/Kg
Q3742-18	SB-1125-24	SOIL	n-Hexadecanoic acid	*	740.000	J	0	ug/Kg
Q3742-18	SB-1125-24	SOIL	Pentafluoropropionic acid, octade	*	330.000	J	0	ug/Kg
Q3742-18	SB-1125-24	SOIL	Retene	*	110.000	J	0	ug/Kg
Total Tics :				5,860.00				
Total Concentration:				9,070.00				



SAMPLE DATA



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

Report of Analysis

Client:	Remington & Vernick		Date Collected:	11/26/25
Project:	Sadler Property		Date Received:	11/26/25
Client Sample ID:	SB-1125-23		SDG No.:	Q3742
Lab Sample ID:	Q3742-01		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	70.1
Sample Wt/Vol:	30.04 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	220	U	1	220	470	ug/Kg	12/02/25 14:21	PB170788
108-95-2	Phenol	31.5	U	1	31.5	240	ug/Kg	12/02/25 14:21	PB170788
111-44-4	bis(2-Chloroethyl)ether	34.6	U	1	34.6	240	ug/Kg	12/02/25 14:21	PB170788
95-57-8	2-Chlorophenol	34.8	U	1	34.8	240	ug/Kg	12/02/25 14:21	PB170788
95-48-7	2-Methylphenol	42.6	U	1	42.6	240	ug/Kg	12/02/25 14:21	PB170788
108-60-1	2,2-oxybis(1-Chloropropane)	53.4	U	1	53.4	240	ug/Kg	12/02/25 14:21	PB170788
98-86-2	Acetophenone	42.0	U	1	42.0	240	ug/Kg	12/02/25 14:21	PB170788
65794-96-9	3+4-Methylphenols	58.6	U	1	58.6	470	ug/Kg	12/02/25 14:21	PB170788
621-64-7	n-Nitroso-di-n-propylamine	67.5	U	1	67.5	110	ug/Kg	12/02/25 14:21	PB170788
67-72-1	Hexachloroethane	25.1	U	1	25.1	240	ug/Kg	12/02/25 14:21	PB170788
98-95-3	Nitrobenzene	26.1	U	1	26.1	240	ug/Kg	12/02/25 14:21	PB170788
78-59-1	Isophorone	46.7	U	1	46.7	240	ug/Kg	12/02/25 14:21	PB170788
88-75-5	2-Nitrophenol	82.9	U	1	82.9	240	ug/Kg	12/02/25 14:21	PB170788
105-67-9	2,4-Dimethylphenol	92.3	U	1	92.3	240	ug/Kg	12/02/25 14:21	PB170788
111-91-1	bis(2-Chloroethoxy)methane	43.9	U	1	43.9	240	ug/Kg	12/02/25 14:21	PB170788
120-83-2	2,4-Dichlorophenol	40.3	U	1	40.3	240	ug/Kg	12/02/25 14:21	PB170788
91-20-3	Naphthalene	260		1	32.3	240	ug/Kg	12/02/25 14:21	PB170788
106-47-8	4-Chloroaniline	50.4	U	1	50.4	240	ug/Kg	12/02/25 14:21	PB170788
87-68-3	Hexachlorobutadiene	36.0	U	1	36.0	240	ug/Kg	12/02/25 14:21	PB170788
105-60-2	Caprolactam	74.2	U	1	74.2	470	ug/Kg	12/02/25 14:21	PB170788
59-50-7	4-Chloro-3-methylphenol	40.9	U	1	40.9	240	ug/Kg	12/02/25 14:21	PB170788
91-57-6	2-Methylnaphthalene	200	J	1	36.5	240	ug/Kg	12/02/25 14:21	PB170788
77-47-4	Hexachlorocyclopentadiene	170	U	1	170	470	ug/Kg	12/02/25 14:21	PB170788
88-06-2	2,4,6-Trichlorophenol	28.2	U	1	28.2	240	ug/Kg	12/02/25 14:21	PB170788
95-95-4	2,4,5-Trichlorophenol	41.5	U	1	41.5	240	ug/Kg	12/02/25 14:21	PB170788
92-52-4	1,1-Biphenyl	31.1	U	1	31.1	240	ug/Kg	12/02/25 14:21	PB170788
91-58-7	2-Chloronaphthalene	32.1	U	1	32.1	240	ug/Kg	12/02/25 14:21	PB170788
88-74-4	2-Nitroaniline	68.5	U	1	68.5	240	ug/Kg	12/02/25 14:21	PB170788
131-11-3	Dimethylphthalate	38.6	U	1	38.6	240	ug/Kg	12/02/25 14:21	PB170788
208-96-8	Acenaphthylene	41.2	U	1	41.2	240	ug/Kg	12/02/25 14:21	PB170788
606-20-2	2,6-Dinitrotoluene	47.9	U	1	47.9	240	ug/Kg	12/02/25 14:21	PB170788
99-09-2	3-Nitroaniline	65.5	U	1	65.5	240	ug/Kg	12/02/25 14:21	PB170788
83-32-9	Acenaphthene	240		1	30.3	240	ug/Kg	12/02/25 14:21	PB170788
51-28-5	2,4-Dinitrophenol	330	U	1	330	470	ug/Kg	12/02/25 14:21	PB170788
100-02-7	4-Nitrophenol	150	UQ	1	150	470	ug/Kg	12/02/25 14:21	PB170788
132-64-9	Dibenzofuran	240		1	32.3	240	ug/Kg	12/02/25 14:21	PB170788
121-14-2	2,4-Dinitrotoluene	71.4	U	1	71.4	240	ug/Kg	12/02/25 14:21	PB170788
84-66-2	Diethylphthalate	40.3	U	1	40.3	240	ug/Kg	12/02/25 14:21	PB170788
7005-72-3	4-Chlorophenyl-phenylether	38.0	U	1	38.0	240	ug/Kg	12/02/25 14:21	PB170788
86-73-7	Fluorene	390		1	36.0	240	ug/Kg	12/02/25 14:21	PB170788
100-01-6	4-Nitroaniline	91.5	U	1	91.5	240	ug/Kg	12/02/25 14:21	PB170788
534-52-1	4,6-Dinitro-2-methylphenol	150	U	1	150	470	ug/Kg	12/02/25 14:21	PB170788

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/26/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-23	SDG No.: Q3742	
Lab Sample ID: Q3742-01	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 70.1	
Sample Wt/Vol: 30.04 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	46.9	U	1	46.9	240	ug/Kg	12/02/25 14:21	PB170788
101-55-3	4-Bromophenyl-phenylether	39.6	U	1	39.6	240	ug/Kg	12/02/25 14:21	PB170788
118-74-1	Hexachlorobenzene	36.0	U	1	36.0	240	ug/Kg	12/02/25 14:21	PB170788
1912-24-9	Atrazine	48.4	U	1	48.4	240	ug/Kg	12/02/25 14:21	PB170788
87-86-5	Pentachlorophenol	73.1	U	1	73.1	470	ug/Kg	12/02/25 14:21	PB170788
85-01-8	Phenanthrene	2500		1	29.8	240	ug/Kg	12/02/25 14:21	PB170788
120-12-7	Anthracene	660		1	47.4	240	ug/Kg	12/02/25 14:21	PB170788
86-74-8	Carbazole	210	J	1	44.4	240	ug/Kg	12/02/25 14:21	PB170788
84-74-2	Di-n-butylphthalate	68.2	U	1	68.2	240	ug/Kg	12/02/25 14:21	PB170788
206-44-0	Fluoranthene	1600		1	42.7	240	ug/Kg	12/02/25 14:21	PB170788
129-00-0	Pyrene	1500		1	51.3	240	ug/Kg	12/02/25 14:21	PB170788
85-68-7	Butylbenzylphthalate	100	U	1	100	240	ug/Kg	12/02/25 14:21	PB170788
91-94-1	3,3-Dichlorobenzidine	52.3	U	1	52.3	470	ug/Kg	12/02/25 14:21	PB170788
56-55-3	Benzo(a)anthracene	900		1	32.8	240	ug/Kg	12/02/25 14:21	PB170788
218-01-9	Chrysene	820		1	28.4	240	ug/Kg	12/02/25 14:21	PB170788
117-81-7	Bis(2-ethylhexyl)phthalate	84.3	U	1	84.3	240	ug/Kg	12/02/25 14:21	PB170788
117-84-0	Di-n-octyl phthalate	120	U	1	120	470	ug/Kg	12/02/25 14:21	PB170788
205-99-2	Benzo(b)fluoranthene	740		1	27.1	240	ug/Kg	12/02/25 14:21	PB170788
207-08-9	Benzo(k)fluoranthene	250		1	31.9	240	ug/Kg	12/02/25 14:21	PB170788
50-32-8	Benzo(a)pyrene	630		1	42.0	240	ug/Kg	12/02/25 14:21	PB170788
193-39-5	Indeno(1,2,3-cd)pyrene	240		1	41.5	240	ug/Kg	12/02/25 14:21	PB170788
53-70-3	Dibenzo(a,h)anthracene	96.0	J	1	39.0	240	ug/Kg	12/02/25 14:21	PB170788
191-24-2	Benzo(g,h,i)perylene	280		1	36.6	240	ug/Kg	12/02/25 14:21	PB170788
95-94-3	1,2,4,5-Tetrachlorobenzene	36.5	U	1	36.5	240	ug/Kg	12/02/25 14:21	PB170788
123-91-1	1,4-Dioxane	64.4	U	1	64.4	240	ug/Kg	12/02/25 14:21	PB170788
58-90-2	2,3,4,6-Tetrachlorophenol	39.0	U	1	39.0	240	ug/Kg	12/02/25 14:21	PB170788

SURROGATES

367-12-4	2-Fluorophenol	77.8			10 - 105	52%	SPK: 150
13127-88-3	Phenol-d6	79.7			10 - 103	53%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.2			10 - 108	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.2			10 - 108	53%	SPK: 100
118-79-6	2,4,6-Tribromophenol	73.8			10 - 116	49%	SPK: 150
1718-51-0	Terphenyl-d14	45.5			10 - 109	46%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	49000
1146-65-2	Naphthalene-d8	189000
15067-26-2	Acenaphthene-d10	105000
1517-22-2	Phenanthrene-d10	175000
1719-03-5	Chrysene-d12	109000
1520-96-3	Perylene-d12	151000

TENTATIVE IDENTIFIED COMPOUNDS

90-12-0	1-Methylnaphthalene	170	J		8.96	ug/Kg

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/26/25
Project:	Sadler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-23	SDG No.:	Q3742
Lab Sample ID:	Q3742-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	70.1
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.04 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/02/25		

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

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-19	SDG No.: Q3742	
Lab Sample ID: Q3742-02	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 40.9	
Sample Wt/Vol: 30.09 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	380	U	1	380	800	ug/Kg	12/02/25 19:59	PB170788
108-95-2	Phenol	53.9	U	1	53.9	410	ug/Kg	12/02/25 19:59	PB170788
111-44-4	bis(2-Chloroethyl)ether	59.2	U	1	59.2	410	ug/Kg	12/02/25 19:59	PB170788
95-57-8	2-Chlorophenol	59.5	U	1	59.5	410	ug/Kg	12/02/25 19:59	PB170788
95-48-7	2-Methylphenol	72.9	U	1	72.9	410	ug/Kg	12/02/25 19:59	PB170788
108-60-1	2,2-oxybis(1-Chloropropane)	91.4	U	1	91.4	410	ug/Kg	12/02/25 19:59	PB170788
98-86-2	Acetophenone	71.9	U	1	71.9	410	ug/Kg	12/02/25 19:59	PB170788
65794-96-9	3+4-Methylphenols	100	U	1	100	800	ug/Kg	12/02/25 19:59	PB170788
621-64-7	n-Nitroso-di-n-propylamine	120	U	1	120	200	ug/Kg	12/02/25 19:59	PB170788
67-72-1	Hexachloroethane	42.9	U	1	42.9	410	ug/Kg	12/02/25 19:59	PB170788
98-95-3	Nitrobenzene	44.6	U	1	44.6	410	ug/Kg	12/02/25 19:59	PB170788
78-59-1	Isophorone	80.0	U	1	80.0	410	ug/Kg	12/02/25 19:59	PB170788
88-75-5	2-Nitrophenol	140	U	1	140	410	ug/Kg	12/02/25 19:59	PB170788
105-67-9	2,4-Dimethylphenol	160	U	1	160	410	ug/Kg	12/02/25 19:59	PB170788
111-91-1	bis(2-Chloroethoxy)methane	75.1	U	1	75.1	410	ug/Kg	12/02/25 19:59	PB170788
120-83-2	2,4-Dichlorophenol	69.0	U	1	69.0	410	ug/Kg	12/02/25 19:59	PB170788
91-20-3	Naphthalene	55.3	U	1	55.3	410	ug/Kg	12/02/25 19:59	PB170788
106-47-8	4-Chloroaniline	86.3	U	1	86.3	410	ug/Kg	12/02/25 19:59	PB170788
87-68-3	Hexachlorobutadiene	61.7	U	1	61.7	410	ug/Kg	12/02/25 19:59	PB170788
105-60-2	Caprolactam	130	U	1	130	800	ug/Kg	12/02/25 19:59	PB170788
59-50-7	4-Chloro-3-methylphenol	70.0	U	1	70.0	410	ug/Kg	12/02/25 19:59	PB170788
91-57-6	2-Methylnaphthalene	62.4	U	1	62.4	410	ug/Kg	12/02/25 19:59	PB170788
77-47-4	Hexachlorocyclopentadiene	280	U	1	280	800	ug/Kg	12/02/25 19:59	PB170788
88-06-2	2,4,6-Trichlorophenol	48.3	U	1	48.3	410	ug/Kg	12/02/25 19:59	PB170788
95-95-4	2,4,5-Trichlorophenol	70.9	U	1	70.9	410	ug/Kg	12/02/25 19:59	PB170788
92-52-4	1,1-Biphenyl	53.1	U	1	53.1	410	ug/Kg	12/02/25 19:59	PB170788
91-58-7	2-Chloronaphthalene	54.8	U	1	54.8	410	ug/Kg	12/02/25 19:59	PB170788
88-74-4	2-Nitroaniline	120	U	1	120	410	ug/Kg	12/02/25 19:59	PB170788
131-11-3	Dimethylphthalate	66.1	U	1	66.1	410	ug/Kg	12/02/25 19:59	PB170788
208-96-8	Acenaphthylene	70.4	U	1	70.4	410	ug/Kg	12/02/25 19:59	PB170788
606-20-2	2,6-Dinitrotoluene	81.9	U	1	81.9	410	ug/Kg	12/02/25 19:59	PB170788
99-09-2	3-Nitroaniline	110	U	1	110	410	ug/Kg	12/02/25 19:59	PB170788
83-32-9	Acenaphthene	51.9	U	1	51.9	410	ug/Kg	12/02/25 19:59	PB170788
51-28-5	2,4-Dinitrophenol	560	U	1	560	800	ug/Kg	12/02/25 19:59	PB170788
100-02-7	4-Nitrophenol	260	UQ	1	260	800	ug/Kg	12/02/25 19:59	PB170788
132-64-9	Dibenzofuran	55.3	U	1	55.3	410	ug/Kg	12/02/25 19:59	PB170788
121-14-2	2,4-Dinitrotoluene	120	U	1	120	410	ug/Kg	12/02/25 19:59	PB170788
84-66-2	Diethylphthalate	69.0	U	1	69.0	410	ug/Kg	12/02/25 19:59	PB170788
7005-72-3	4-Chlorophenyl-phenylether	65.1	U	1	65.1	410	ug/Kg	12/02/25 19:59	PB170788
86-73-7	Fluorene	61.7	U	1	61.7	410	ug/Kg	12/02/25 19:59	PB170788
100-01-6	4-Nitroaniline	160	U	1	160	410	ug/Kg	12/02/25 19:59	PB170788
534-52-1	4,6-Dinitro-2-methylphenol	250	U	1	250	800	ug/Kg	12/02/25 19:59	PB170788

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-19	SDG No.: Q3742	
Lab Sample ID: Q3742-02	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 40.9	
Sample Wt/Vol: 30.09 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	80.2	U	1	80.2	410	ug/Kg	12/02/25 19:59	PB170788
101-55-3	4-Bromophenyl-phenylether	67.8	U	1	67.8	410	ug/Kg	12/02/25 19:59	PB170788
118-74-1	Hexachlorobenzene	61.7	U	1	61.7	410	ug/Kg	12/02/25 19:59	PB170788
1912-24-9	Atrazine	82.9	U	1	82.9	410	ug/Kg	12/02/25 19:59	PB170788
87-86-5	Pentachlorophenol	130	U	1	130	800	ug/Kg	12/02/25 19:59	PB170788
85-01-8	Phenanthrene	170	J	1	50.9	410	ug/Kg	12/02/25 19:59	PB170788
120-12-7	Anthracene	81.2	U	1	81.2	410	ug/Kg	12/02/25 19:59	PB170788
86-74-8	Carbazole	76.1	U	1	76.1	410	ug/Kg	12/02/25 19:59	PB170788
84-74-2	Di-n-butylphthalate	120	U	1	120	410	ug/Kg	12/02/25 19:59	PB170788
206-44-0	Fluoranthene	320	J	1	73.1	410	ug/Kg	12/02/25 19:59	PB170788
129-00-0	Pyrene	340	J	1	87.8	410	ug/Kg	12/02/25 19:59	PB170788
85-68-7	Butylbenzylphthalate	170	U	1	170	410	ug/Kg	12/02/25 19:59	PB170788
91-94-1	3,3-Dichlorobenzidine	89.5	U	1	89.5	800	ug/Kg	12/02/25 19:59	PB170788
56-55-3	Benzo(a)anthracene	230	J	1	56.1	410	ug/Kg	12/02/25 19:59	PB170788
218-01-9	Chrysene	230	J	1	48.5	410	ug/Kg	12/02/25 19:59	PB170788
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	1	140	410	ug/Kg	12/02/25 19:59	PB170788
117-84-0	Di-n-octyl phthalate	210	U	1	210	800	ug/Kg	12/02/25 19:59	PB170788
205-99-2	Benzo(b)fluoranthene	250	J	1	46.3	410	ug/Kg	12/02/25 19:59	PB170788
207-08-9	Benzo(k)fluoranthene	54.6	U	1	54.6	410	ug/Kg	12/02/25 19:59	PB170788
50-32-8	Benzo(a)pyrene	230	J	1	71.9	410	ug/Kg	12/02/25 19:59	PB170788
193-39-5	Indeno(1,2,3-cd)pyrene	70.9	U	1	70.9	410	ug/Kg	12/02/25 19:59	PB170788
53-70-3	Dibenzo(a,h)anthracene	66.8	U	1	66.8	410	ug/Kg	12/02/25 19:59	PB170788
191-24-2	Benzo(g,h,i)perylene	62.6	U	1	62.6	410	ug/Kg	12/02/25 19:59	PB170788
95-94-3	1,2,4,5-Tetrachlorobenzene	62.4	U	1	62.4	410	ug/Kg	12/02/25 19:59	PB170788
123-91-1	1,4-Dioxane	110	U	1	110	410	ug/Kg	12/02/25 19:59	PB170788
58-90-2	2,3,4,6-Tetrachlorophenol	66.8	U	1	66.8	410	ug/Kg	12/02/25 19:59	PB170788

SURROGATES

367-12-4	2-Fluorophenol	92.5		10 - 105	62%	SPK: 150
13127-88-3	Phenol-d6	89.5		10 - 103	60%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.0		10 - 108	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	60.2		10 - 108	60%	SPK: 100
118-79-6	2,4,6-Tribromophenol	95.5		10 - 116	64%	SPK: 150
1718-51-0	Terphenyl-d14	66.2		10 - 109	66%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	242000
1146-65-2	Naphthalene-d8	973000
15067-26-2	Acenaphthene-d10	629000
1517-22-2	Phenanthrene-d10	1280000
1719-03-5	Chrysene-d12	1310000
1520-96-3	Perylene-d12	1580000

TENTATIVE IDENTIFIED COMPOUNDS

000057-10-3	n-Hexadecanoic acid	470	J	18.1	ug/Kg
006361-96-2	Hexanoic acid, 2-hydroxy-2-butyl-,	11000	J	21.4	ug/Kg



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

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Sadler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-19	SDG No.:	Q3742
Lab Sample ID:	Q3742-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	40.9
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.09 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/02/25		

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

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-8	SDG No.: Q3742	
Lab Sample ID: Q3742-03	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 85.2	
Sample Wt/Vol: 30.02 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	J	1	180	390	ug/Kg	12/02/25 22:43	PB170788
108-95-2	Phenol	25.9	U	1	25.9	200	ug/Kg	12/02/25 22:43	PB170788
111-44-4	bis(2-Chloroethyl)ether	28.5	U	1	28.5	200	ug/Kg	12/02/25 22:43	PB170788
95-57-8	2-Chlorophenol	28.6	U	1	28.6	200	ug/Kg	12/02/25 22:43	PB170788
95-48-7	2-Methylphenol	35.1	U	1	35.1	200	ug/Kg	12/02/25 22:43	PB170788
108-60-1	2,2-oxybis(1-Chloropropane)	44.0	U	1	44.0	200	ug/Kg	12/02/25 22:43	PB170788
98-86-2	Acetophenone	34.6	U	1	34.6	200	ug/Kg	12/02/25 22:43	PB170788
65794-96-9	3+4-Methylphenols	48.2	U	1	48.2	390	ug/Kg	12/02/25 22:43	PB170788
621-64-7	n-Nitroso-di-n-propylamine	55.6	U	1	55.6	93.8	ug/Kg	12/02/25 22:43	PB170788
67-72-1	Hexachloroethane	20.6	U	1	20.6	200	ug/Kg	12/02/25 22:43	PB170788
98-95-3	Nitrobenzene	21.5	U	1	21.5	200	ug/Kg	12/02/25 22:43	PB170788
78-59-1	Isophorone	38.5	U	1	38.5	200	ug/Kg	12/02/25 22:43	PB170788
88-75-5	2-Nitrophenol	68.3	U	1	68.3	200	ug/Kg	12/02/25 22:43	PB170788
105-67-9	2,4-Dimethylphenol	76.0	U	1	76.0	200	ug/Kg	12/02/25 22:43	PB170788
111-91-1	bis(2-Chloroethoxy)methane	36.1	U	1	36.1	200	ug/Kg	12/02/25 22:43	PB170788
120-83-2	2,4-Dichlorophenol	33.2	U	1	33.2	200	ug/Kg	12/02/25 22:43	PB170788
91-20-3	Naphthalene	380		1	26.6	200	ug/Kg	12/02/25 22:43	PB170788
106-47-8	4-Chloroaniline	41.5	U	1	41.5	200	ug/Kg	12/02/25 22:43	PB170788
87-68-3	Hexachlorobutadiene	29.7	U	1	29.7	200	ug/Kg	12/02/25 22:43	PB170788
105-60-2	Caprolactam	61.1	U	1	61.1	390	ug/Kg	12/02/25 22:43	PB170788
59-50-7	4-Chloro-3-methylphenol	33.7	U	1	33.7	200	ug/Kg	12/02/25 22:43	PB170788
91-57-6	2-Methylnaphthalene	500		1	30.0	200	ug/Kg	12/02/25 22:43	PB170788
77-47-4	Hexachlorocyclopentadiene	140	U	1	140	390	ug/Kg	12/02/25 22:43	PB170788
88-06-2	2,4,6-Trichlorophenol	23.2	U	1	23.2	200	ug/Kg	12/02/25 22:43	PB170788
95-95-4	2,4,5-Trichlorophenol	34.1	U	1	34.1	200	ug/Kg	12/02/25 22:43	PB170788
92-52-4	1,1-Biphenyl	25.6	U	1	25.6	200	ug/Kg	12/02/25 22:43	PB170788
91-58-7	2-Chloronaphthalene	26.4	U	1	26.4	200	ug/Kg	12/02/25 22:43	PB170788
88-74-4	2-Nitroaniline	56.4	U	1	56.4	200	ug/Kg	12/02/25 22:43	PB170788
131-11-3	Dimethylphthalate	31.8	U	1	31.8	200	ug/Kg	12/02/25 22:43	PB170788
208-96-8	Acenaphthylene	33.9	U	1	33.9	200	ug/Kg	12/02/25 22:43	PB170788
606-20-2	2,6-Dinitrotoluene	39.4	U	1	39.4	200	ug/Kg	12/02/25 22:43	PB170788
99-09-2	3-Nitroaniline	54.0	U	1	54.0	200	ug/Kg	12/02/25 22:43	PB170788
83-32-9	Acenaphthene	25.0	U	1	25.0	200	ug/Kg	12/02/25 22:43	PB170788
51-28-5	2,4-Dinitrophenol	270	U	1	270	390	ug/Kg	12/02/25 22:43	PB170788
100-02-7	4-Nitrophenol	130	UQ	1	130	390	ug/Kg	12/02/25 22:43	PB170788
132-64-9	Dibenzofuran	130	J	1	26.6	200	ug/Kg	12/02/25 22:43	PB170788
121-14-2	2,4-Dinitrotoluene	58.8	U	1	58.8	200	ug/Kg	12/02/25 22:43	PB170788
84-66-2	Diethylphthalate	33.2	U	1	33.2	200	ug/Kg	12/02/25 22:43	PB170788
7005-72-3	4-Chlorophenyl-phenylether	31.3	U	1	31.3	200	ug/Kg	12/02/25 22:43	PB170788
86-73-7	Fluorene	29.7	U	1	29.7	200	ug/Kg	12/02/25 22:43	PB170788
100-01-6	4-Nitroaniline	75.3	U	1	75.3	200	ug/Kg	12/02/25 22:43	PB170788
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	390	ug/Kg	12/02/25 22:43	PB170788

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-8	SDG No.: Q3742	
Lab Sample ID: Q3742-03	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 85.2	
Sample Wt/Vol: 30.02 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.6	U	1	38.6	200	ug/Kg	12/02/25 22:43	PB170788
101-55-3	4-Bromophenyl-phenylether	32.6	U	1	32.6	200	ug/Kg	12/02/25 22:43	PB170788
118-74-1	Hexachlorobenzene	29.7	U	1	29.7	200	ug/Kg	12/02/25 22:43	PB170788
1912-24-9	Atrazine	39.9	U	1	39.9	200	ug/Kg	12/02/25 22:43	PB170788
87-86-5	Pentachlorophenol	60.2	U	1	60.2	390	ug/Kg	12/02/25 22:43	PB170788
85-01-8	Phenanthrene	460		1	24.5	200	ug/Kg	12/02/25 22:43	PB170788
120-12-7	Anthracene	39.1	U	1	39.1	200	ug/Kg	12/02/25 22:43	PB170788
86-74-8	Carbazole	36.6	U	1	36.6	200	ug/Kg	12/02/25 22:43	PB170788
84-74-2	Di-n-butylphthalate	380		1	56.2	200	ug/Kg	12/02/25 22:43	PB170788
206-44-0	Fluoranthene	440		1	35.2	200	ug/Kg	12/02/25 22:43	PB170788
129-00-0	Pyrene	400		1	42.2	200	ug/Kg	12/02/25 22:43	PB170788
85-68-7	Butylbenzylphthalate	83.7	U	1	83.7	200	ug/Kg	12/02/25 22:43	PB170788
91-94-1	3,3-Dichlorobenzidine	43.0	U	1	43.0	390	ug/Kg	12/02/25 22:43	PB170788
56-55-3	Benzo(a)anthracene	220		1	27.0	200	ug/Kg	12/02/25 22:43	PB170788
218-01-9	Chrysene	270		1	23.3	200	ug/Kg	12/02/25 22:43	PB170788
117-81-7	Bis(2-ethylhexyl)phthalate	69.4	U	1	69.4	200	ug/Kg	12/02/25 22:43	PB170788
117-84-0	Di-n-octyl phthalate	100	U	1	100	390	ug/Kg	12/02/25 22:43	PB170788
205-99-2	Benzo(b)fluoranthene	320		1	22.3	200	ug/Kg	12/02/25 22:43	PB170788
207-08-9	Benzo(k)fluoranthene	110	J	1	26.3	200	ug/Kg	12/02/25 22:43	PB170788
50-32-8	Benzo(a)pyrene	230		1	34.6	200	ug/Kg	12/02/25 22:43	PB170788
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	1	34.1	200	ug/Kg	12/02/25 22:43	PB170788
53-70-3	Dibenzo(a,h)anthracene	32.1	U	1	32.1	200	ug/Kg	12/02/25 22:43	PB170788
191-24-2	Benzo(g,h,i)perylene	150	J	1	30.1	200	ug/Kg	12/02/25 22:43	PB170788
95-94-3	1,2,4,5-Tetrachlorobenzene	30.0	U	1	30.0	200	ug/Kg	12/02/25 22:43	PB170788
123-91-1	1,4-Dioxane	53.0	U	1	53.0	200	ug/Kg	12/02/25 22:43	PB170788
58-90-2	2,3,4,6-Tetrachlorophenol	32.1	U	1	32.1	200	ug/Kg	12/02/25 22:43	PB170788

SURROGATES

367-12-4	2-Fluorophenol	81.7			10 - 105	54%	SPK: 150
13127-88-3	Phenol-d6	80.7			10 - 103	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.9			10 - 108	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.0			10 - 108	56%	SPK: 100
118-79-6	2,4,6-Tribromophenol	84.8			10 - 116	57%	SPK: 150
1718-51-0	Terphenyl-d14	54.8			10 - 109	55%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	252000
1146-65-2	Naphthalene-d8	1030000
15067-26-2	Acenaphthene-d10	659000
1517-22-2	Phenanthrene-d10	1300000
1719-03-5	Chrysene-d12	1360000
1520-96-3	Perylene-d12	1580000

TENTATIVE IDENTIFIED COMPOUNDS

000118-93-4	Ethanone, 1-(2-hydroxyphenyl)-	420	J	9.98	ug/Kg
90-12-0	1-Methylnaphthalene	420	J	12.3	ug/Kg

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-8	SDG No.: Q3742	
Lab Sample ID: Q3742-03	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 85.2	
Sample Wt/Vol: 30.02 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000582-16-1	Naphthalene, 2,7-dimethyl-	240	J			13.6	ug/Kg		
000091-64-5	Coumarin	790	J			13.8	ug/Kg		
000119-61-9	Benzophenone	450	J			15.7	ug/Kg		
054105-67-8	Heptadecane, 2,6-dimethyl-	190	J			16.1	ug/Kg		
000610-48-0	Anthracene, 1-methyl-	240	J			18.0	ug/Kg		
000057-10-3	n-Hexadecanoic acid	830	J			18.1	ug/Kg		
000832-64-4	Phenanthrene, 4-methyl-	180	J			18.2	ug/Kg		
959085-66-6	Heptadecyl heptafluorobutyrate	510	J			21.2	ug/Kg		
1000406-04-8	Pentadecafluorooctanoic acid, octa	440	J			22.5	ug/Kg		
000544-76-3	Hexadecane	300	J			24.1	ug/Kg		
015594-90-8	1-Heneicosanol	790	J			26.4	ug/Kg		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-9	SDG No.: Q3742	
Lab Sample ID: Q3742-04	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 78.6	
Sample Wt/Vol: 30.06 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	200	U	1	200	420	ug/Kg	12/02/25 22:02	PB170788
108-95-2	Phenol	28.1	U	1	28.1	220	ug/Kg	12/02/25 22:02	PB170788
111-44-4	bis(2-Chloroethyl)ether	30.9	U	1	30.9	220	ug/Kg	12/02/25 22:02	PB170788
95-57-8	2-Chlorophenol	31.0	U	1	31.0	220	ug/Kg	12/02/25 22:02	PB170788
95-48-7	2-Methylphenol	38.0	U	1	38.0	220	ug/Kg	12/02/25 22:02	PB170788
108-60-1	2,2-oxybis(1-Chloropropane)	47.6	U	1	47.6	220	ug/Kg	12/02/25 22:02	PB170788
98-86-2	Acetophenone	37.5	U	1	37.5	220	ug/Kg	12/02/25 22:02	PB170788
65794-96-9	3+4-Methylphenols	52.2	U	1	52.2	420	ug/Kg	12/02/25 22:02	PB170788
621-64-7	n-Nitroso-di-n-propylamine	60.2	U	1	60.2	100	ug/Kg	12/02/25 22:02	PB170788
67-72-1	Hexachloroethane	22.3	U	1	22.3	220	ug/Kg	12/02/25 22:02	PB170788
98-95-3	Nitrobenzene	23.2	U	1	23.2	220	ug/Kg	12/02/25 22:02	PB170788
78-59-1	Isophorone	41.6	U	1	41.6	220	ug/Kg	12/02/25 22:02	PB170788
88-75-5	2-Nitrophenol	73.9	U	1	73.9	220	ug/Kg	12/02/25 22:02	PB170788
105-67-9	2,4-Dimethylphenol	82.3	U	1	82.3	220	ug/Kg	12/02/25 22:02	PB170788
111-91-1	bis(2-Chloroethoxy)methane	39.1	U	1	39.1	220	ug/Kg	12/02/25 22:02	PB170788
120-83-2	2,4-Dichlorophenol	35.9	U	1	35.9	220	ug/Kg	12/02/25 22:02	PB170788
91-20-3	Naphthalene	190	J	1	28.8	220	ug/Kg	12/02/25 22:02	PB170788
106-47-8	4-Chloroaniline	44.9	U	1	44.9	220	ug/Kg	12/02/25 22:02	PB170788
87-68-3	Hexachlorobutadiene	32.1	U	1	32.1	220	ug/Kg	12/02/25 22:02	PB170788
105-60-2	Caprolactam	66.2	U	1	66.2	420	ug/Kg	12/02/25 22:02	PB170788
59-50-7	4-Chloro-3-methylphenol	36.4	U	1	36.4	220	ug/Kg	12/02/25 22:02	PB170788
91-57-6	2-Methylnaphthalene	300		1	32.5	220	ug/Kg	12/02/25 22:02	PB170788
77-47-4	Hexachlorocyclopentadiene	150	U	1	150	420	ug/Kg	12/02/25 22:02	PB170788
88-06-2	2,4,6-Trichlorophenol	25.1	U	1	25.1	220	ug/Kg	12/02/25 22:02	PB170788
95-95-4	2,4,5-Trichlorophenol	36.9	U	1	36.9	220	ug/Kg	12/02/25 22:02	PB170788
92-52-4	1,1-Biphenyl	27.7	U	1	27.7	220	ug/Kg	12/02/25 22:02	PB170788
91-58-7	2-Chloronaphthalene	28.6	U	1	28.6	220	ug/Kg	12/02/25 22:02	PB170788
88-74-4	2-Nitroaniline	61.1	U	1	61.1	220	ug/Kg	12/02/25 22:02	PB170788
131-11-3	Dimethylphthalate	34.4	U	1	34.4	220	ug/Kg	12/02/25 22:02	PB170788
208-96-8	Acenaphthylene	36.7	U	1	36.7	220	ug/Kg	12/02/25 22:02	PB170788
606-20-2	2,6-Dinitrotoluene	42.7	U	1	42.7	220	ug/Kg	12/02/25 22:02	PB170788
99-09-2	3-Nitroaniline	58.4	U	1	58.4	220	ug/Kg	12/02/25 22:02	PB170788
83-32-9	Acenaphthene	27.0	U	1	27.0	220	ug/Kg	12/02/25 22:02	PB170788
51-28-5	2,4-Dinitrophenol	290	U	1	290	420	ug/Kg	12/02/25 22:02	PB170788
100-02-7	4-Nitrophenol	140	UQ	1	140	420	ug/Kg	12/02/25 22:02	PB170788
132-64-9	Dibenzofuran	88.9	J	1	28.8	220	ug/Kg	12/02/25 22:02	PB170788
121-14-2	2,4-Dinitrotoluene	63.6	U	1	63.6	220	ug/Kg	12/02/25 22:02	PB170788
84-66-2	Diethylphthalate	35.9	U	1	35.9	220	ug/Kg	12/02/25 22:02	PB170788
7005-72-3	4-Chlorophenyl-phenylether	33.9	U	1	33.9	220	ug/Kg	12/02/25 22:02	PB170788
86-73-7	Fluorene	32.1	U	1	32.1	220	ug/Kg	12/02/25 22:02	PB170788
100-01-6	4-Nitroaniline	81.5	U	1	81.5	220	ug/Kg	12/02/25 22:02	PB170788
534-52-1	4,6-Dinitro-2-methylphenol	130	U	1	130	420	ug/Kg	12/02/25 22:02	PB170788

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-9	SDG No.: Q3742	
Lab Sample ID: Q3742-04	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 78.6	
Sample Wt/Vol: 30.06 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	41.8	U	1	41.8	220	ug/Kg	12/02/25 22:02	PB170788
101-55-3	4-Bromophenyl-phenylether	35.3	U	1	35.3	220	ug/Kg	12/02/25 22:02	PB170788
118-74-1	Hexachlorobenzene	32.1	U	1	32.1	220	ug/Kg	12/02/25 22:02	PB170788
1912-24-9	Atrazine	43.2	U	1	43.2	220	ug/Kg	12/02/25 22:02	PB170788
87-86-5	Pentachlorophenol	65.1	U	1	65.1	420	ug/Kg	12/02/25 22:02	PB170788
85-01-8	Phenanthrene	180	J	1	26.5	220	ug/Kg	12/02/25 22:02	PB170788
120-12-7	Anthracene	42.3	U	1	42.3	220	ug/Kg	12/02/25 22:02	PB170788
86-74-8	Carbazole	39.6	U	1	39.6	220	ug/Kg	12/02/25 22:02	PB170788
84-74-2	Di-n-butylphthalate	1900		1	60.8	220	ug/Kg	12/02/25 22:02	PB170788
206-44-0	Fluoranthene	38.1	U	1	38.1	220	ug/Kg	12/02/25 22:02	PB170788
129-00-0	Pyrene	45.7	U	1	45.7	220	ug/Kg	12/02/25 22:02	PB170788
85-68-7	Butylbenzylphthalate	90.7	U	1	90.7	220	ug/Kg	12/02/25 22:02	PB170788
91-94-1	3,3-Dichlorobenzidine	46.6	U	1	46.6	420	ug/Kg	12/02/25 22:02	PB170788
56-55-3	Benzo(a)anthracene	29.2	U	1	29.2	220	ug/Kg	12/02/25 22:02	PB170788
218-01-9	Chrysene	25.3	U	1	25.3	220	ug/Kg	12/02/25 22:02	PB170788
117-81-7	Bis(2-ethylhexyl)phthalate	75.2	U	1	75.2	220	ug/Kg	12/02/25 22:02	PB170788
117-84-0	Di-n-octyl phthalate	110	U	1	110	420	ug/Kg	12/02/25 22:02	PB170788
205-99-2	Benzo(b)fluoranthene	24.1	U	1	24.1	220	ug/Kg	12/02/25 22:02	PB170788
207-08-9	Benzo(k)fluoranthene	28.4	U	1	28.4	220	ug/Kg	12/02/25 22:02	PB170788
50-32-8	Benzo(a)pyrene	37.5	U	1	37.5	220	ug/Kg	12/02/25 22:02	PB170788
193-39-5	Indeno(1,2,3-cd)pyrene	36.9	U	1	36.9	220	ug/Kg	12/02/25 22:02	PB170788
53-70-3	Dibenzo(a,h)anthracene	34.8	U	1	34.8	220	ug/Kg	12/02/25 22:02	PB170788
191-24-2	Benzo(g,h,i)perylene	32.6	U	1	32.6	220	ug/Kg	12/02/25 22:02	PB170788
95-94-3	1,2,4,5-Tetrachlorobenzene	32.5	U	1	32.5	220	ug/Kg	12/02/25 22:02	PB170788
123-91-1	1,4-Dioxane	57.4	U	1	57.4	220	ug/Kg	12/02/25 22:02	PB170788
58-90-2	2,3,4,6-Tetrachlorophenol	34.8	U	1	34.8	220	ug/Kg	12/02/25 22:02	PB170788

SURROGATES

367-12-4	2-Fluorophenol	68.5		10 - 105	46%	SPK: 150
13127-88-3	Phenol-d6	71.3		10 - 103	48%	SPK: 150
4165-60-0	Nitrobenzene-d5	40.8		10 - 108	41%	SPK: 100
321-60-8	2-Fluorobiphenyl	41.2		10 - 108	41%	SPK: 100
118-79-6	2,4,6-Tribromophenol	75.7		10 - 116	50%	SPK: 150
1718-51-0	Terphenyl-d14	50.3		10 - 109	50%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	224000
1146-65-2	Naphthalene-d8	1040000
15067-26-2	Acenaphthene-d10	805000
1517-22-2	Phenanthrene-d10	1840000
1719-03-5	Chrysene-d12	1840000
1520-96-3	Perylene-d12	1730000

TENTATIVE IDENTIFIED COMPOUNDS

000108-38-3	Benzene, 1,3-dimethyl-	190	J	5.71	ug/Kg
001120-21-4	Undecane	120	J	8.88	ug/Kg

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Sadler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-9	SDG No.:	Q3742
Lab Sample ID:	Q3742-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	78.6
Sample Wt/Vol:	30.06 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
90-12-0	1-Methylnaphthalene	280	J			12.3	ug/Kg		
000575-37-1	Naphthalene, 1,7-dimethyl-	150	J			13.6	ug/Kg		
000581-42-0	Naphthalene, 2,6-dimethyl-	120	J			13.7	ug/Kg		
000829-26-5	Naphthalene, 2,3,6-trimethyl-	140	J			15.1	ug/Kg		
002131-41-1	Naphthalene, 1,4,5-trimethyl-	130	J			15.3	ug/Kg		
000119-61-9	Benzophenone	310	J			15.7	ug/Kg		
001921-70-6	Pentadecane, 2,6,10,14-tetramethyl	160	J			16.1	ug/Kg		
002531-84-2	Phenanthrene, 2-methyl-	200	J			18.0	ug/Kg		
000057-10-3	n-Hexadecanoic acid	730	J			18.0	ug/Kg		
000832-69-9	Phenanthrene, 1-methyl-	150	J			18.2	ug/Kg		
000112-95-8	Eicosane	130	J			19.0	ug/Kg		
000593-45-3	Octadecane	240	J			22.5	ug/Kg		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Remington & Vernick		Date Collected:	11/25/25
Project:	Sadler Property		Date Received:	11/26/25
Client Sample ID:	SB-1125-21		SDG No.:	Q3742
Lab Sample ID:	Q3742-05		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	79.5
Sample Wt/Vol:	30.05 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	200	U	1	200	410	ug/Kg	12/02/25 23:24	PB170788
108-95-2	Phenol	27.8	U	1	27.8	210	ug/Kg	12/02/25 23:24	PB170788
111-44-4	bis(2-Chloroethyl)ether	30.5	U	1	30.5	210	ug/Kg	12/02/25 23:24	PB170788
95-57-8	2-Chlorophenol	30.6	U	1	30.6	210	ug/Kg	12/02/25 23:24	PB170788
95-48-7	2-Methylphenol	37.5	U	1	37.5	210	ug/Kg	12/02/25 23:24	PB170788
108-60-1	2,2-oxybis(1-Chloropropane)	47.1	U	1	47.1	210	ug/Kg	12/02/25 23:24	PB170788
98-86-2	Acetophenone	37.0	U	1	37.0	210	ug/Kg	12/02/25 23:24	PB170788
65794-96-9	3+4-Methylphenols	51.6	U	1	51.6	410	ug/Kg	12/02/25 23:24	PB170788
621-64-7	n-Nitroso-di-n-propylamine	59.5	U	1	59.5	100	ug/Kg	12/02/25 23:24	PB170788
67-72-1	Hexachloroethane	22.1	U	1	22.1	210	ug/Kg	12/02/25 23:24	PB170788
98-95-3	Nitrobenzene	23.0	U	1	23.0	210	ug/Kg	12/02/25 23:24	PB170788
78-59-1	Isophorone	41.2	U	1	41.2	210	ug/Kg	12/02/25 23:24	PB170788
88-75-5	2-Nitrophenol	73.1	U	1	73.1	210	ug/Kg	12/02/25 23:24	PB170788
105-67-9	2,4-Dimethylphenol	81.4	U	1	81.4	210	ug/Kg	12/02/25 23:24	PB170788
111-91-1	bis(2-Chloroethoxy)methane	38.7	U	1	38.7	210	ug/Kg	12/02/25 23:24	PB170788
120-83-2	2,4-Dichlorophenol	35.5	U	1	35.5	210	ug/Kg	12/02/25 23:24	PB170788
91-20-3	Naphthalene	28.5	U	1	28.5	210	ug/Kg	12/02/25 23:24	PB170788
106-47-8	4-Chloroaniline	44.5	U	1	44.5	210	ug/Kg	12/02/25 23:24	PB170788
87-68-3	Hexachlorobutadiene	31.8	U	1	31.8	210	ug/Kg	12/02/25 23:24	PB170788
105-60-2	Caprolactam	65.4	U	1	65.4	410	ug/Kg	12/02/25 23:24	PB170788
59-50-7	4-Chloro-3-methylphenol	36.0	U	1	36.0	210	ug/Kg	12/02/25 23:24	PB170788
91-57-6	2-Methylnaphthalene	32.1	U	1	32.1	210	ug/Kg	12/02/25 23:24	PB170788
77-47-4	Hexachlorocyclopentadiene	150	U	1	150	410	ug/Kg	12/02/25 23:24	PB170788
88-06-2	2,4,6-Trichlorophenol	24.9	U	1	24.9	210	ug/Kg	12/02/25 23:24	PB170788
95-95-4	2,4,5-Trichlorophenol	36.5	U	1	36.5	210	ug/Kg	12/02/25 23:24	PB170788
92-52-4	1,1-Biphenyl	27.4	U	1	27.4	210	ug/Kg	12/02/25 23:24	PB170788
91-58-7	2-Chloronaphthalene	28.3	U	1	28.3	210	ug/Kg	12/02/25 23:24	PB170788
88-74-4	2-Nitroaniline	60.4	U	1	60.4	210	ug/Kg	12/02/25 23:24	PB170788
131-11-3	Dimethylphthalate	34.0	U	1	34.0	210	ug/Kg	12/02/25 23:24	PB170788
208-96-8	Acenaphthylene	36.3	U	1	36.3	210	ug/Kg	12/02/25 23:24	PB170788
606-20-2	2,6-Dinitrotoluene	42.2	U	1	42.2	210	ug/Kg	12/02/25 23:24	PB170788
99-09-2	3-Nitroaniline	57.8	U	1	57.8	210	ug/Kg	12/02/25 23:24	PB170788
83-32-9	Acenaphthene	26.7	U	1	26.7	210	ug/Kg	12/02/25 23:24	PB170788
51-28-5	2,4-Dinitrophenol	290	U	1	290	410	ug/Kg	12/02/25 23:24	PB170788
100-02-7	4-Nitrophenol	130	UQ	1	130	410	ug/Kg	12/02/25 23:24	PB170788
132-64-9	Dibenzofuran	28.5	U	1	28.5	210	ug/Kg	12/02/25 23:24	PB170788
121-14-2	2,4-Dinitrotoluene	62.9	U	1	62.9	210	ug/Kg	12/02/25 23:24	PB170788
84-66-2	Diethylphthalate	35.5	U	1	35.5	210	ug/Kg	12/02/25 23:24	PB170788
7005-72-3	4-Chlorophenyl-phenylether	33.5	U	1	33.5	210	ug/Kg	12/02/25 23:24	PB170788
86-73-7	Fluorene	31.8	U	1	31.8	210	ug/Kg	12/02/25 23:24	PB170788
100-01-6	4-Nitroaniline	80.6	U	1	80.6	210	ug/Kg	12/02/25 23:24	PB170788
534-52-1	4,6-Dinitro-2-methylphenol	130	U	1	130	410	ug/Kg	12/02/25 23:24	PB170788

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-21	SDG No.: Q3742	
Lab Sample ID: Q3742-05	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 79.5	
Sample Wt/Vol: 30.05 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	41.3	U	1	41.3	210	ug/Kg	12/02/25 23:24	PB170788
101-55-3	4-Bromophenyl-phenylether	34.9	U	1	34.9	210	ug/Kg	12/02/25 23:24	PB170788
118-74-1	Hexachlorobenzene	31.8	U	1	31.8	210	ug/Kg	12/02/25 23:24	PB170788
1912-24-9	Atrazine	42.7	U	1	42.7	210	ug/Kg	12/02/25 23:24	PB170788
87-86-5	Pentachlorophenol	64.4	U	1	64.4	410	ug/Kg	12/02/25 23:24	PB170788
85-01-8	Phenanthrene	26.2	U	1	26.2	210	ug/Kg	12/02/25 23:24	PB170788
120-12-7	Anthracene	41.8	U	1	41.8	210	ug/Kg	12/02/25 23:24	PB170788
86-74-8	Carbazole	39.2	U	1	39.2	210	ug/Kg	12/02/25 23:24	PB170788
84-74-2	Di-n-butylphthalate	60.2	U	1	60.2	210	ug/Kg	12/02/25 23:24	PB170788
206-44-0	Fluoranthene	110	J	1	37.7	210	ug/Kg	12/02/25 23:24	PB170788
129-00-0	Pyrene	120	J	1	45.2	210	ug/Kg	12/02/25 23:24	PB170788
85-68-7	Butylbenzylphthalate	89.7	U	1	89.7	210	ug/Kg	12/02/25 23:24	PB170788
91-94-1	3,3-Dichlorobenzidine	46.1	U	1	46.1	410	ug/Kg	12/02/25 23:24	PB170788
56-55-3	Benzo(a)anthracene	28.9	U	1	28.9	210	ug/Kg	12/02/25 23:24	PB170788
218-01-9	Chrysene	25.0	U	1	25.0	210	ug/Kg	12/02/25 23:24	PB170788
117-81-7	Bis(2-ethylhexyl)phthalate	74.3	U	1	74.3	210	ug/Kg	12/02/25 23:24	PB170788
117-84-0	Di-n-octyl phthalate	110	U	1	110	410	ug/Kg	12/02/25 23:24	PB170788
205-99-2	Benzo(b)fluoranthene	23.9	U	1	23.9	210	ug/Kg	12/02/25 23:24	PB170788
207-08-9	Benzo(k)fluoranthene	28.1	U	1	28.1	210	ug/Kg	12/02/25 23:24	PB170788
50-32-8	Benzo(a)pyrene	37.0	U	1	37.0	210	ug/Kg	12/02/25 23:24	PB170788
193-39-5	Indeno(1,2,3-cd)pyrene	36.5	U	1	36.5	210	ug/Kg	12/02/25 23:24	PB170788
53-70-3	Dibenzo(a,h)anthracene	34.4	U	1	34.4	210	ug/Kg	12/02/25 23:24	PB170788
191-24-2	Benzo(g,h,i)perylene	32.3	U	1	32.3	210	ug/Kg	12/02/25 23:24	PB170788
95-94-3	1,2,4,5-Tetrachlorobenzene	32.1	U	1	32.1	210	ug/Kg	12/02/25 23:24	PB170788
123-91-1	1,4-Dioxane	56.8	U	1	56.8	210	ug/Kg	12/02/25 23:24	PB170788
58-90-2	2,3,4,6-Tetrachlorophenol	34.4	U	1	34.4	210	ug/Kg	12/02/25 23:24	PB170788

SURROGATES

367-12-4	2-Fluorophenol	48.0		10 - 105	32%	SPK: 150
13127-88-3	Phenol-d6	47.4		10 - 103	32%	SPK: 150
4165-60-0	Nitrobenzene-d5	29.9		10 - 108	30%	SPK: 100
321-60-8	2-Fluorobiphenyl	27.7		10 - 108	28%	SPK: 100
118-79-6	2,4,6-Tribromophenol	47.5		10 - 116	32%	SPK: 150
1718-51-0	Terphenyl-d14	34.7		10 - 109	35%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	256000
1146-65-2	Naphthalene-d8	1080000
15067-26-2	Acenaphthene-d10	769000
1517-22-2	Phenanthrene-d10	1650000
1719-03-5	Chrysene-d12	1420000
1520-96-3	Perylene-d12	1600000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	160	J	15.7	ug/Kg
036653-82-4	1-Hexadecanol	89.6	J	17.5	ug/Kg



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

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Sadler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-21	SDG No.:	Q3742
Lab Sample ID:	Q3742-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	79.5
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.05 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-10-3	n-Hexadecanoic acid	280	J			18.0	ug/Kg		
000142-91-6	Isopropyl palmitate	120	J			18.5	ug/Kg		
000506-51-4	n-Tetracosanol-1	250	J			21.2	ug/Kg		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-13	SDG No.: Q3742	
Lab Sample ID: Q3742-06	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 85.5	
Sample Wt/Vol: 30.07 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	390	ug/Kg	12/03/25 00:06	PB170788
108-95-2	Phenol	25.8	U	1	25.8	200	ug/Kg	12/03/25 00:06	PB170788
111-44-4	bis(2-Chloroethyl)ether	28.4	U	1	28.4	200	ug/Kg	12/03/25 00:06	PB170788
95-57-8	2-Chlorophenol	28.5	U	1	28.5	200	ug/Kg	12/03/25 00:06	PB170788
95-48-7	2-Methylphenol	34.9	U	1	34.9	200	ug/Kg	12/03/25 00:06	PB170788
108-60-1	2,2-oxybis(1-Chloropropane)	43.8	U	1	43.8	200	ug/Kg	12/03/25 00:06	PB170788
98-86-2	Acetophenone	34.4	U	1	34.4	200	ug/Kg	12/03/25 00:06	PB170788
65794-96-9	3+4-Methylphenols	48.0	U	1	48.0	390	ug/Kg	12/03/25 00:06	PB170788
621-64-7	n-Nitroso-di-n-propylamine	55.3	U	1	55.3	93.3	ug/Kg	12/03/25 00:06	PB170788
67-72-1	Hexachloroethane	20.5	U	1	20.5	200	ug/Kg	12/03/25 00:06	PB170788
98-95-3	Nitrobenzene	21.4	U	1	21.4	200	ug/Kg	12/03/25 00:06	PB170788
78-59-1	Isophorone	38.3	U	1	38.3	200	ug/Kg	12/03/25 00:06	PB170788
88-75-5	2-Nitrophenol	67.9	U	1	67.9	200	ug/Kg	12/03/25 00:06	PB170788
105-67-9	2,4-Dimethylphenol	75.6	U	1	75.6	200	ug/Kg	12/03/25 00:06	PB170788
111-91-1	bis(2-Chloroethoxy)methane	35.9	U	1	35.9	200	ug/Kg	12/03/25 00:06	PB170788
120-83-2	2,4-Dichlorophenol	33.0	U	1	33.0	200	ug/Kg	12/03/25 00:06	PB170788
91-20-3	Naphthalene	26.5	U	1	26.5	200	ug/Kg	12/03/25 00:06	PB170788
106-47-8	4-Chloroaniline	41.3	U	1	41.3	200	ug/Kg	12/03/25 00:06	PB170788
87-68-3	Hexachlorobutadiene	29.5	U	1	29.5	200	ug/Kg	12/03/25 00:06	PB170788
105-60-2	Caprolactam	60.8	U	1	60.8	390	ug/Kg	12/03/25 00:06	PB170788
59-50-7	4-Chloro-3-methylphenol	33.5	U	1	33.5	200	ug/Kg	12/03/25 00:06	PB170788
91-57-6	2-Methylnaphthalene	110	J	1	29.9	200	ug/Kg	12/03/25 00:06	PB170788
77-47-4	Hexachlorocyclopentadiene	140	U	1	140	390	ug/Kg	12/03/25 00:06	PB170788
88-06-2	2,4,6-Trichlorophenol	23.1	U	1	23.1	200	ug/Kg	12/03/25 00:06	PB170788
95-95-4	2,4,5-Trichlorophenol	34.0	U	1	34.0	200	ug/Kg	12/03/25 00:06	PB170788
92-52-4	1,1-Biphenyl	25.4	U	1	25.4	200	ug/Kg	12/03/25 00:06	PB170788
91-58-7	2-Chloronaphthalene	26.3	U	1	26.3	200	ug/Kg	12/03/25 00:06	PB170788
88-74-4	2-Nitroaniline	56.1	U	1	56.1	200	ug/Kg	12/03/25 00:06	PB170788
131-11-3	Dimethylphthalate	31.6	U	1	31.6	200	ug/Kg	12/03/25 00:06	PB170788
208-96-8	Acenaphthylene	33.7	U	1	33.7	200	ug/Kg	12/03/25 00:06	PB170788
606-20-2	2,6-Dinitrotoluene	39.2	U	1	39.2	200	ug/Kg	12/03/25 00:06	PB170788
99-09-2	3-Nitroaniline	53.7	U	1	53.7	200	ug/Kg	12/03/25 00:06	PB170788
83-32-9	Acenaphthene	24.9	U	1	24.9	200	ug/Kg	12/03/25 00:06	PB170788
51-28-5	2,4-Dinitrophenol	270	U	1	270	390	ug/Kg	12/03/25 00:06	PB170788
100-02-7	4-Nitrophenol	120	UQ	1	120	390	ug/Kg	12/03/25 00:06	PB170788
132-64-9	Dibenzofuran	26.5	U	1	26.5	200	ug/Kg	12/03/25 00:06	PB170788
121-14-2	2,4-Dinitrotoluene	58.5	U	1	58.5	200	ug/Kg	12/03/25 00:06	PB170788
84-66-2	Diethylphthalate	33.0	U	1	33.0	200	ug/Kg	12/03/25 00:06	PB170788
7005-72-3	4-Chlorophenyl-phenylether	31.2	U	1	31.2	200	ug/Kg	12/03/25 00:06	PB170788
86-73-7	Fluorene	29.5	U	1	29.5	200	ug/Kg	12/03/25 00:06	PB170788
100-01-6	4-Nitroaniline	74.9	U	1	74.9	200	ug/Kg	12/03/25 00:06	PB170788
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	390	ug/Kg	12/03/25 00:06	PB170788

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-13	SDG No.: Q3742	
Lab Sample ID: Q3742-06	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 85.5	
Sample Wt/Vol: 30.07 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.4	U	1	38.4	200	ug/Kg	12/03/25 00:06	PB170788
101-55-3	4-Bromophenyl-phenylether	32.4	U	1	32.4	200	ug/Kg	12/03/25 00:06	PB170788
118-74-1	Hexachlorobenzene	29.5	U	1	29.5	200	ug/Kg	12/03/25 00:06	PB170788
1912-24-9	Atrazine	39.7	U	1	39.7	200	ug/Kg	12/03/25 00:06	PB170788
87-86-5	Pentachlorophenol	59.9	U	1	59.9	390	ug/Kg	12/03/25 00:06	PB170788
85-01-8	Phenanthrene	90.2	J	1	24.4	200	ug/Kg	12/03/25 00:06	PB170788
120-12-7	Anthracene	38.9	U	1	38.9	200	ug/Kg	12/03/25 00:06	PB170788
86-74-8	Carbazole	36.4	U	1	36.4	200	ug/Kg	12/03/25 00:06	PB170788
84-74-2	Di-n-butylphthalate	55.9	U	1	55.9	200	ug/Kg	12/03/25 00:06	PB170788
206-44-0	Fluoranthene	35.0	U	1	35.0	200	ug/Kg	12/03/25 00:06	PB170788
129-00-0	Pyrene	42.0	U	1	42.0	200	ug/Kg	12/03/25 00:06	PB170788
85-68-7	Butylbenzylphthalate	83.3	U	1	83.3	200	ug/Kg	12/03/25 00:06	PB170788
91-94-1	3,3-Dichlorobenzidine	42.8	U	1	42.8	390	ug/Kg	12/03/25 00:06	PB170788
56-55-3	Benzo(a)anthracene	26.8	U	1	26.8	200	ug/Kg	12/03/25 00:06	PB170788
218-01-9	Chrysene	23.2	U	1	23.2	200	ug/Kg	12/03/25 00:06	PB170788
117-81-7	Bis(2-ethylhexyl)phthalate	69.1	U	1	69.1	200	ug/Kg	12/03/25 00:06	PB170788
117-84-0	Di-n-octyl phthalate	100	U	1	100	390	ug/Kg	12/03/25 00:06	PB170788
205-99-2	Benzo(b)fluoranthene	22.2	U	1	22.2	200	ug/Kg	12/03/25 00:06	PB170788
207-08-9	Benzo(k)fluoranthene	26.1	U	1	26.1	200	ug/Kg	12/03/25 00:06	PB170788
50-32-8	Benzo(a)pyrene	34.4	U	1	34.4	200	ug/Kg	12/03/25 00:06	PB170788
193-39-5	Indeno(1,2,3-cd)pyrene	34.0	U	1	34.0	200	ug/Kg	12/03/25 00:06	PB170788
53-70-3	Dibenzo(a,h)anthracene	32.0	U	1	32.0	200	ug/Kg	12/03/25 00:06	PB170788
191-24-2	Benzo(g,h,i)perylene	30.0	U	1	30.0	200	ug/Kg	12/03/25 00:06	PB170788
95-94-3	1,2,4,5-Tetrachlorobenzene	29.9	U	1	29.9	200	ug/Kg	12/03/25 00:06	PB170788
123-91-1	1,4-Dioxane	52.7	U	1	52.7	200	ug/Kg	12/03/25 00:06	PB170788
58-90-2	2,3,4,6-Tetrachlorophenol	32.0	U	1	32.0	200	ug/Kg	12/03/25 00:06	PB170788

SURROGATES

367-12-4	2-Fluorophenol	67.8		10 - 105	45%	SPK: 150
13127-88-3	Phenol-d6	69.1		10 - 103	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	51.0		10 - 108	51%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.9		10 - 108	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	62.8		10 - 116	42%	SPK: 150
1718-51-0	Terphenyl-d14	50.2		10 - 109	50%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	252000
1146-65-2	Naphthalene-d8	963000
15067-26-2	Acenaphthene-d10	615000
1517-22-2	Phenanthrene-d10	1260000
1719-03-5	Chrysene-d12	1400000
1520-96-3	Perylene-d12	1600000

TENTATIVE IDENTIFIED COMPOUNDS

90-12-0	1-Methylnaphthalene	110	J	12.3	ug/Kg
000581-40-8	Naphthalene, 2,3-dimethyl-	79.3	J	13.6	ug/Kg



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

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Sadler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-13	SDG No.:	Q3742
Lab Sample ID:	Q3742-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.5
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.07 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000829-26-5	Naphthalene, 2,3,6-trimethyl-	85.2	J			15.1	ug/Kg		
000119-61-9	Benzophenone	190	J			15.7	ug/Kg		
000057-10-3	n-Hexadecanoic acid	350	J			18.0	ug/Kg		
000661-19-8	Behenic alcohol	190	J			21.2	ug/Kg		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Remington & Vernick		Date Collected:	11/25/25
Project:	Sadler Property		Date Received:	11/26/25
Client Sample ID:	SB-1125-18		SDG No.:	Q3742
Lab Sample ID:	Q3742-07		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	68.3
Sample Wt/Vol:	30.01 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	230	U	1	230	480	ug/Kg	12/02/25 15:20	PB170788
108-95-2	Phenol	32.3	U	1	32.3	250	ug/Kg	12/02/25 15:20	PB170788
111-44-4	bis(2-Chloroethyl)ether	35.6	U	1	35.6	250	ug/Kg	12/02/25 15:20	PB170788
95-57-8	2-Chlorophenol	35.7	U	1	35.7	250	ug/Kg	12/02/25 15:20	PB170788
95-48-7	2-Methylphenol	43.8	U	1	43.8	250	ug/Kg	12/02/25 15:20	PB170788
108-60-1	2,2-oxybis(1-Chloropropane)	54.9	U	1	54.9	250	ug/Kg	12/02/25 15:20	PB170788
98-86-2	Acetophenone	43.2	U	1	43.2	250	ug/Kg	12/02/25 15:20	PB170788
65794-96-9	3+4-Methylphenols	140	J	1	60.2	480	ug/Kg	12/02/25 15:20	PB170788
621-64-7	n-Nitroso-di-n-propylamine	69.4	U	1	69.4	120	ug/Kg	12/02/25 15:20	PB170788
67-72-1	Hexachloroethane	25.8	U	1	25.8	250	ug/Kg	12/02/25 15:20	PB170788
98-95-3	Nitrobenzene	26.8	U	1	26.8	250	ug/Kg	12/02/25 15:20	PB170788
78-59-1	Isophorone	48.0	U	1	48.0	250	ug/Kg	12/02/25 15:20	PB170788
88-75-5	2-Nitrophenol	85.2	U	1	85.2	250	ug/Kg	12/02/25 15:20	PB170788
105-67-9	2,4-Dimethylphenol	94.8	U	1	94.8	250	ug/Kg	12/02/25 15:20	PB170788
111-91-1	bis(2-Chloroethoxy)methane	45.1	U	1	45.1	250	ug/Kg	12/02/25 15:20	PB170788
120-83-2	2,4-Dichlorophenol	41.4	U	1	41.4	250	ug/Kg	12/02/25 15:20	PB170788
91-20-3	Naphthalene	97.8	J	1	33.2	250	ug/Kg	12/02/25 15:20	PB170788
106-47-8	4-Chloroaniline	51.8	U	1	51.8	250	ug/Kg	12/02/25 15:20	PB170788
87-68-3	Hexachlorobutadiene	37.0	U	1	37.0	250	ug/Kg	12/02/25 15:20	PB170788
105-60-2	Caprolactam	76.3	U	1	76.3	480	ug/Kg	12/02/25 15:20	PB170788
59-50-7	4-Chloro-3-methylphenol	42.0	U	1	42.0	250	ug/Kg	12/02/25 15:20	PB170788
91-57-6	2-Methylnaphthalene	37.5	U	1	37.5	250	ug/Kg	12/02/25 15:20	PB170788
77-47-4	Hexachlorocyclopentadiene	170	U	1	170	480	ug/Kg	12/02/25 15:20	PB170788
88-06-2	2,4,6-Trichlorophenol	29.0	U	1	29.0	250	ug/Kg	12/02/25 15:20	PB170788
95-95-4	2,4,5-Trichlorophenol	42.6	U	1	42.6	250	ug/Kg	12/02/25 15:20	PB170788
92-52-4	1,1-Biphenyl	31.9	U	1	31.9	250	ug/Kg	12/02/25 15:20	PB170788
91-58-7	2-Chloronaphthalene	32.9	U	1	32.9	250	ug/Kg	12/02/25 15:20	PB170788
88-74-4	2-Nitroaniline	70.4	U	1	70.4	250	ug/Kg	12/02/25 15:20	PB170788
131-11-3	Dimethylphthalate	39.7	U	1	39.7	250	ug/Kg	12/02/25 15:20	PB170788
208-96-8	Acenaphthylene	42.3	U	1	42.3	250	ug/Kg	12/02/25 15:20	PB170788
606-20-2	2,6-Dinitrotoluene	49.2	U	1	49.2	250	ug/Kg	12/02/25 15:20	PB170788
99-09-2	3-Nitroaniline	67.3	U	1	67.3	250	ug/Kg	12/02/25 15:20	PB170788
83-32-9	Acenaphthene	31.2	U	1	31.2	250	ug/Kg	12/02/25 15:20	PB170788
51-28-5	2,4-Dinitrophenol	340	U	1	340	480	ug/Kg	12/02/25 15:20	PB170788
100-02-7	4-Nitrophenol	160	UQ	1	160	480	ug/Kg	12/02/25 15:20	PB170788
132-64-9	Dibenzofuran	33.2	U	1	33.2	250	ug/Kg	12/02/25 15:20	PB170788
121-14-2	2,4-Dinitrotoluene	73.3	U	1	73.3	250	ug/Kg	12/02/25 15:20	PB170788
84-66-2	Diethylphthalate	41.4	U	1	41.4	250	ug/Kg	12/02/25 15:20	PB170788
7005-72-3	4-Chlorophenyl-phenylether	39.1	U	1	39.1	250	ug/Kg	12/02/25 15:20	PB170788
86-73-7	Fluorene	37.0	U	1	37.0	250	ug/Kg	12/02/25 15:20	PB170788
100-01-6	4-Nitroaniline	94.0	U	1	94.0	250	ug/Kg	12/02/25 15:20	PB170788
534-52-1	4,6-Dinitro-2-methylphenol	150	U	1	150	480	ug/Kg	12/02/25 15:20	PB170788

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-18	SDG No.: Q3742	
Lab Sample ID: Q3742-07	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 68.3	
Sample Wt/Vol: 30.01 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	48.2	U	1	48.2	250	ug/Kg	12/02/25 15:20	PB170788
101-55-3	4-Bromophenyl-phenylether	40.7	U	1	40.7	250	ug/Kg	12/02/25 15:20	PB170788
118-74-1	Hexachlorobenzene	37.0	U	1	37.0	250	ug/Kg	12/02/25 15:20	PB170788
1912-24-9	Atrazine	49.8	U	1	49.8	250	ug/Kg	12/02/25 15:20	PB170788
87-86-5	Pentachlorophenol	75.1	U	1	75.1	480	ug/Kg	12/02/25 15:20	PB170788
85-01-8	Phenanthrene	100	J	1	30.6	250	ug/Kg	12/02/25 15:20	PB170788
120-12-7	Anthracene	48.7	U	1	48.7	250	ug/Kg	12/02/25 15:20	PB170788
86-74-8	Carbazole	45.7	U	1	45.7	250	ug/Kg	12/02/25 15:20	PB170788
84-74-2	Di-n-butylphthalate	70.1	U	1	70.1	250	ug/Kg	12/02/25 15:20	PB170788
206-44-0	Fluoranthene	160	J	1	43.9	250	ug/Kg	12/02/25 15:20	PB170788
129-00-0	Pyrene	130	J	1	52.7	250	ug/Kg	12/02/25 15:20	PB170788
85-68-7	Butylbenzylphthalate	100	U	1	100	250	ug/Kg	12/02/25 15:20	PB170788
91-94-1	3,3-Dichlorobenzidine	53.7	U	1	53.7	480	ug/Kg	12/02/25 15:20	PB170788
56-55-3	Benzo(a)anthracene	33.7	U	1	33.7	250	ug/Kg	12/02/25 15:20	PB170788
218-01-9	Chrysene	29.1	U	1	29.1	250	ug/Kg	12/02/25 15:20	PB170788
117-81-7	Bis(2-ethylhexyl)phthalate	86.6	U	1	86.6	250	ug/Kg	12/02/25 15:20	PB170788
117-84-0	Di-n-octyl phthalate	130	U	1	130	480	ug/Kg	12/02/25 15:20	PB170788
205-99-2	Benzo(b)fluoranthene	110	J	1	27.8	250	ug/Kg	12/02/25 15:20	PB170788
207-08-9	Benzo(k)fluoranthene	32.8	U	1	32.8	250	ug/Kg	12/02/25 15:20	PB170788
50-32-8	Benzo(a)pyrene	43.2	U	1	43.2	250	ug/Kg	12/02/25 15:20	PB170788
193-39-5	Indeno(1,2,3-cd)pyrene	42.6	U	1	42.6	250	ug/Kg	12/02/25 15:20	PB170788
53-70-3	Dibenzo(a,h)anthracene	40.1	U	1	40.1	250	ug/Kg	12/02/25 15:20	PB170788
191-24-2	Benzo(g,h,i)perylene	37.6	U	1	37.6	250	ug/Kg	12/02/25 15:20	PB170788
95-94-3	1,2,4,5-Tetrachlorobenzene	37.5	U	1	37.5	250	ug/Kg	12/02/25 15:20	PB170788
123-91-1	1,4-Dioxane	66.2	U	1	66.2	250	ug/Kg	12/02/25 15:20	PB170788
58-90-2	2,3,4,6-Tetrachlorophenol	40.1	U	1	40.1	250	ug/Kg	12/02/25 15:20	PB170788

SURROGATES

367-12-4	2-Fluorophenol	69.4		10 - 105	46%	SPK: 150
13127-88-3	Phenol-d6	68.2		10 - 103	45%	SPK: 150
4165-60-0	Nitrobenzene-d5	44.0		10 - 108	44%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.9		10 - 108	44%	SPK: 100
118-79-6	2,4,6-Tribromophenol	55.0		10 - 116	37%	SPK: 150
1718-51-0	Terphenyl-d14	33.1		10 - 109	33%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	43500
1146-65-2	Naphthalene-d8	159000
15067-26-2	Acenaphthene-d10	84300
1517-22-2	Phenanthrene-d10	125000
1719-03-5	Chrysene-d12	107000
1520-96-3	Perylene-d12	138000

TENTATIVE IDENTIFIED COMPOUNDS

000544-25-2	1,3,5-Cycloheptatriene	250	J	3.92	ug/Kg
018344-37-1	Heptadecane, 2,6,10,14-tetramethyl	190	J	9.16	ug/Kg

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Sadler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-18	SDG No.:	Q3742
Lab Sample ID:	Q3742-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68.3
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.01 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
035599-77-0	Tridecane, 1-iodo-	240	J			9.62	ug/Kg		
000119-61-9	Benzophenone	140	J			10.6	ug/Kg		
126584-00-7	1,5,6,7-Tetramethyl-3-phenylbicycl	110	J			11.3	ug/Kg		
004292-19-7	Dodecane, 1-iodo-	230	J			11.3	ug/Kg		
1000191-26-7	12-Azabicyclo[9.2.2]pentadecan-13-	110	J			11.5	ug/Kg		
000057-10-3	n-Hexadecanoic acid	420	J			11.9	ug/Kg		
001576-67-6	Phenanthrene, 3,6-dimethyl-	150	J			12.5	ug/Kg		
000483-65-8	Retene	130	J			13.1	ug/Kg		
135886-06-5	8-Isopropyl-1,3-dimethylphenanthre	230	J			13.4	ug/Kg		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-20	SDG No.: Q3742	
Lab Sample ID: Q3742-08	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 80.4	
Sample Wt/Vol: 30.04 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	190	U	1	190	410	ug/Kg	12/02/25 15:50	PB170788
108-95-2	Phenol	27.5	U	1	27.5	210	ug/Kg	12/02/25 15:50	PB170788
111-44-4	bis(2-Chloroethyl)ether	30.2	U	1	30.2	210	ug/Kg	12/02/25 15:50	PB170788
95-57-8	2-Chlorophenol	30.3	U	1	30.3	210	ug/Kg	12/02/25 15:50	PB170788
95-48-7	2-Methylphenol	37.1	U	1	37.1	210	ug/Kg	12/02/25 15:50	PB170788
108-60-1	2,2-oxybis(1-Chloropropane)	46.6	U	1	46.6	210	ug/Kg	12/02/25 15:50	PB170788
98-86-2	Acetophenone	36.6	U	1	36.6	210	ug/Kg	12/02/25 15:50	PB170788
65794-96-9	3+4-Methylphenols	51.1	U	1	51.1	410	ug/Kg	12/02/25 15:50	PB170788
621-64-7	n-Nitroso-di-n-propylamine	58.9	U	1	58.9	99.4	ug/Kg	12/02/25 15:50	PB170788
67-72-1	Hexachloroethane	21.9	U	1	21.9	210	ug/Kg	12/02/25 15:50	PB170788
98-95-3	Nitrobenzene	22.7	U	1	22.7	210	ug/Kg	12/02/25 15:50	PB170788
78-59-1	Isophorone	40.7	U	1	40.7	210	ug/Kg	12/02/25 15:50	PB170788
88-75-5	2-Nitrophenol	72.3	U	1	72.3	210	ug/Kg	12/02/25 15:50	PB170788
105-67-9	2,4-Dimethylphenol	80.5	U	1	80.5	210	ug/Kg	12/02/25 15:50	PB170788
111-91-1	bis(2-Chloroethoxy)methane	38.3	U	1	38.3	210	ug/Kg	12/02/25 15:50	PB170788
120-83-2	2,4-Dichlorophenol	35.2	U	1	35.2	210	ug/Kg	12/02/25 15:50	PB170788
91-20-3	Naphthalene	490		1	28.2	210	ug/Kg	12/02/25 15:50	PB170788
106-47-8	4-Chloroaniline	44.0	U	1	44.0	210	ug/Kg	12/02/25 15:50	PB170788
87-68-3	Hexachlorobutadiene	31.4	U	1	31.4	210	ug/Kg	12/02/25 15:50	PB170788
105-60-2	Caprolactam	64.7	U	1	64.7	410	ug/Kg	12/02/25 15:50	PB170788
59-50-7	4-Chloro-3-methylphenol	35.6	U	1	35.6	210	ug/Kg	12/02/25 15:50	PB170788
91-57-6	2-Methylnaphthalene	31.8	U	1	31.8	210	ug/Kg	12/02/25 15:50	PB170788
77-47-4	Hexachlorocyclopentadiene	140	U	1	140	410	ug/Kg	12/02/25 15:50	PB170788
88-06-2	2,4,6-Trichlorophenol	24.6	U	1	24.6	210	ug/Kg	12/02/25 15:50	PB170788
95-95-4	2,4,5-Trichlorophenol	36.1	U	1	36.1	210	ug/Kg	12/02/25 15:50	PB170788
92-52-4	1,1-Biphenyl	27.1	U	1	27.1	210	ug/Kg	12/02/25 15:50	PB170788
91-58-7	2-Chloronaphthalene	27.9	U	1	27.9	210	ug/Kg	12/02/25 15:50	PB170788
88-74-4	2-Nitroaniline	59.7	U	1	59.7	210	ug/Kg	12/02/25 15:50	PB170788
131-11-3	Dimethylphthalate	33.7	U	1	33.7	210	ug/Kg	12/02/25 15:50	PB170788
208-96-8	Acenaphthylene	35.9	U	1	35.9	210	ug/Kg	12/02/25 15:50	PB170788
606-20-2	2,6-Dinitrotoluene	41.7	U	1	41.7	210	ug/Kg	12/02/25 15:50	PB170788
99-09-2	3-Nitroaniline	57.1	U	1	57.1	210	ug/Kg	12/02/25 15:50	PB170788
83-32-9	Acenaphthene	170	J	1	26.5	210	ug/Kg	12/02/25 15:50	PB170788
51-28-5	2,4-Dinitrophenol	280	U	1	280	410	ug/Kg	12/02/25 15:50	PB170788
100-02-7	4-Nitrophenol	130	UQ	1	130	410	ug/Kg	12/02/25 15:50	PB170788
132-64-9	Dibenzofuran	120	J	1	28.2	210	ug/Kg	12/02/25 15:50	PB170788
121-14-2	2,4-Dinitrotoluene	62.2	U	1	62.2	210	ug/Kg	12/02/25 15:50	PB170788
84-66-2	Diethylphthalate	35.2	U	1	35.2	210	ug/Kg	12/02/25 15:50	PB170788
7005-72-3	4-Chlorophenyl-phenylether	33.2	U	1	33.2	210	ug/Kg	12/02/25 15:50	PB170788
86-73-7	Fluorene	270		1	31.4	210	ug/Kg	12/02/25 15:50	PB170788
100-01-6	4-Nitroaniline	79.7	U	1	79.7	210	ug/Kg	12/02/25 15:50	PB170788
534-52-1	4,6-Dinitro-2-methylphenol	130	U	1	130	410	ug/Kg	12/02/25 15:50	PB170788

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-20	SDG No.: Q3742	
Lab Sample ID: Q3742-08	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 80.4	
Sample Wt/Vol: 30.04 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	40.9	U	1	40.9	210	ug/Kg	12/02/25 15:50	PB170788
101-55-3	4-Bromophenyl-phenylether	34.5	U	1	34.5	210	ug/Kg	12/02/25 15:50	PB170788
118-74-1	Hexachlorobenzene	31.4	U	1	31.4	210	ug/Kg	12/02/25 15:50	PB170788
1912-24-9	Atrazine	42.2	U	1	42.2	210	ug/Kg	12/02/25 15:50	PB170788
87-86-5	Pentachlorophenol	63.7	U	1	63.7	410	ug/Kg	12/02/25 15:50	PB170788
85-01-8	Phenanthrene	1700		1	26.0	210	ug/Kg	12/02/25 15:50	PB170788
120-12-7	Anthracene	530		1	41.4	210	ug/Kg	12/02/25 15:50	PB170788
86-74-8	Carbazole	140	J	1	38.8	210	ug/Kg	12/02/25 15:50	PB170788
84-74-2	Di-n-butylphthalate	59.5	U	1	59.5	210	ug/Kg	12/02/25 15:50	PB170788
206-44-0	Fluoranthene	1600		1	37.3	210	ug/Kg	12/02/25 15:50	PB170788
129-00-0	Pyrene	1300		1	44.7	210	ug/Kg	12/02/25 15:50	PB170788
85-68-7	Butylbenzylphthalate	88.7	U	1	88.7	210	ug/Kg	12/02/25 15:50	PB170788
91-94-1	3,3-Dichlorobenzidine	45.6	U	1	45.6	410	ug/Kg	12/02/25 15:50	PB170788
56-55-3	Benzo(a)anthracene	910		1	28.6	210	ug/Kg	12/02/25 15:50	PB170788
218-01-9	Chrysene	810		1	24.7	210	ug/Kg	12/02/25 15:50	PB170788
117-81-7	Bis(2-ethylhexyl)phthalate	73.5	U	1	73.5	210	ug/Kg	12/02/25 15:50	PB170788
117-84-0	Di-n-octyl phthalate	110	U	1	110	410	ug/Kg	12/02/25 15:50	PB170788
205-99-2	Benzo(b)fluoranthene	890		1	23.6	210	ug/Kg	12/02/25 15:50	PB170788
207-08-9	Benzo(k)fluoranthene	310		1	27.8	210	ug/Kg	12/02/25 15:50	PB170788
50-32-8	Benzo(a)pyrene	760		1	36.6	210	ug/Kg	12/02/25 15:50	PB170788
193-39-5	Indeno(1,2,3-cd)pyrene	250		1	36.1	210	ug/Kg	12/02/25 15:50	PB170788
53-70-3	Dibenzo(a,h)anthracene	87.6	J	1	34.0	210	ug/Kg	12/02/25 15:50	PB170788
191-24-2	Benzo(g,h,i)perylene	290		1	31.9	210	ug/Kg	12/02/25 15:50	PB170788
95-94-3	1,2,4,5-Tetrachlorobenzene	31.8	U	1	31.8	210	ug/Kg	12/02/25 15:50	PB170788
123-91-1	1,4-Dioxane	56.1	U	1	56.1	210	ug/Kg	12/02/25 15:50	PB170788
58-90-2	2,3,4,6-Tetrachlorophenol	34.0	U	1	34.0	210	ug/Kg	12/02/25 15:50	PB170788

SURROGATES

367-12-4	2-Fluorophenol	80.9			10 - 105	54%	SPK: 150
13127-88-3	Phenol-d6	83.4			10 - 103	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	55.0			10 - 108	55%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.4			10 - 108	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	76.3			10 - 116	51%	SPK: 150
1718-51-0	Terphenyl-d14	48.4			10 - 109	48%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	47800
1146-65-2	Naphthalene-d8	183000
15067-26-2	Acenaphthene-d10	97500
1517-22-2	Phenanthrene-d10	153000
1719-03-5	Chrysene-d12	114000
1520-96-3	Perylene-d12	155000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	280	J	10.6	ug/Kg
1000486-97-7	2,4,2,4-Tetramethyl-biphenyl	190	J	10.8	ug/Kg

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-20	SDG No.: Q3742	
Lab Sample ID: Q3742-08	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 80.4	
Sample Wt/Vol: 30.04 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
001430-97-3	9H-Fluorene, 2-methyl-	130	J			11.0	ug/Kg		
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	160	J			11.3	ug/Kg		
000233-02-3	Naphtho[2,1-b]thiophene	170	J			11.3	ug/Kg		
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	1100	J			11.9	ug/Kg		
000610-48-0	Anthracene, 1-methyl-	190	J			12.0	ug/Kg		
002789-88-0	di-p-Tolylacetylene	130	J			12.4	ug/Kg		
033543-31-6	Fluoranthene, 2-methyl-	190	J			13.2	ug/Kg		
000243-17-4	11H-Benzo[b]fluorene	120	J			13.2	ug/Kg		
003353-12-6	Pyrene, 4-methyl-	120	J			13.3	ug/Kg		
000192-97-2	Benzo[e]pyrene	220	J			15.2	ug/Kg		
000198-55-0	Perylene	470	J			15.4	ug/Kg		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



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

Report of Analysis

Client:	Remington & Vernick		Date Collected:	11/25/25
Project:	Sadler Property		Date Received:	11/26/25
Client Sample ID:	SB-1125-22		SDG No.:	Q3742
Lab Sample ID:	Q3742-09		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	72.8
Sample Wt/Vol:	30.09 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	210	U	1	210	450	ug/Kg	12/02/25 16:19	PB170788
108-95-2	Phenol	30.3	U	1	30.3	230	ug/Kg	12/02/25 16:19	PB170788
111-44-4	bis(2-Chloroethyl)ether	33.3	U	1	33.3	230	ug/Kg	12/02/25 16:19	PB170788
95-57-8	2-Chlorophenol	33.4	U	1	33.4	230	ug/Kg	12/02/25 16:19	PB170788
95-48-7	2-Methylphenol	40.9	U	1	40.9	230	ug/Kg	12/02/25 16:19	PB170788
108-60-1	2,2-oxybis(1-Chloropropane)	51.4	U	1	51.4	230	ug/Kg	12/02/25 16:19	PB170788
98-86-2	Acetophenone	40.4	U	1	40.4	230	ug/Kg	12/02/25 16:19	PB170788
65794-96-9	3+4-Methylphenols	56.3	U	1	56.3	450	ug/Kg	12/02/25 16:19	PB170788
621-64-7	n-Nitroso-di-n-propylamine	64.9	U	1	64.9	110	ug/Kg	12/02/25 16:19	PB170788
67-72-1	Hexachloroethane	24.1	U	1	24.1	230	ug/Kg	12/02/25 16:19	PB170788
98-95-3	Nitrobenzene	25.1	U	1	25.1	230	ug/Kg	12/02/25 16:19	PB170788
78-59-1	Isophorone	44.9	U	1	44.9	230	ug/Kg	12/02/25 16:19	PB170788
88-75-5	2-Nitrophenol	79.7	U	1	79.7	230	ug/Kg	12/02/25 16:19	PB170788
105-67-9	2,4-Dimethylphenol	88.7	U	1	88.7	230	ug/Kg	12/02/25 16:19	PB170788
111-91-1	bis(2-Chloroethoxy)methane	42.2	U	1	42.2	230	ug/Kg	12/02/25 16:19	PB170788
120-83-2	2,4-Dichlorophenol	38.8	U	1	38.8	230	ug/Kg	12/02/25 16:19	PB170788
91-20-3	Naphthalene	31.1	U	1	31.1	230	ug/Kg	12/02/25 16:19	PB170788
106-47-8	4-Chloroaniline	48.5	U	1	48.5	230	ug/Kg	12/02/25 16:19	PB170788
87-68-3	Hexachlorobutadiene	34.6	U	1	34.6	230	ug/Kg	12/02/25 16:19	PB170788
105-60-2	Caprolactam	71.4	U	1	71.4	450	ug/Kg	12/02/25 16:19	PB170788
59-50-7	4-Chloro-3-methylphenol	39.3	U	1	39.3	230	ug/Kg	12/02/25 16:19	PB170788
91-57-6	2-Methylnaphthalene	35.1	U	1	35.1	230	ug/Kg	12/02/25 16:19	PB170788
77-47-4	Hexachlorocyclopentadiene	160	U	1	160	450	ug/Kg	12/02/25 16:19	PB170788
88-06-2	2,4,6-Trichlorophenol	27.1	U	1	27.1	230	ug/Kg	12/02/25 16:19	PB170788
95-95-4	2,4,5-Trichlorophenol	39.9	U	1	39.9	230	ug/Kg	12/02/25 16:19	PB170788
92-52-4	1,1-Biphenyl	29.9	U	1	29.9	230	ug/Kg	12/02/25 16:19	PB170788
91-58-7	2-Chloronaphthalene	30.8	U	1	30.8	230	ug/Kg	12/02/25 16:19	PB170788
88-74-4	2-Nitroaniline	65.9	U	1	65.9	230	ug/Kg	12/02/25 16:19	PB170788
131-11-3	Dimethylphthalate	37.1	U	1	37.1	230	ug/Kg	12/02/25 16:19	PB170788
208-96-8	Acenaphthylene	39.6	U	1	39.6	230	ug/Kg	12/02/25 16:19	PB170788
606-20-2	2,6-Dinitrotoluene	46.0	U	1	46.0	230	ug/Kg	12/02/25 16:19	PB170788
99-09-2	3-Nitroaniline	63.0	U	1	63.0	230	ug/Kg	12/02/25 16:19	PB170788
83-32-9	Acenaphthene	29.2	U	1	29.2	230	ug/Kg	12/02/25 16:19	PB170788
51-28-5	2,4-Dinitrophenol	310	U	1	310	450	ug/Kg	12/02/25 16:19	PB170788
100-02-7	4-Nitrophenol	150	UQ	1	150	450	ug/Kg	12/02/25 16:19	PB170788
132-64-9	Dibenzofuran	31.1	U	1	31.1	230	ug/Kg	12/02/25 16:19	PB170788
121-14-2	2,4-Dinitrotoluene	68.6	U	1	68.6	230	ug/Kg	12/02/25 16:19	PB170788
84-66-2	Diethylphthalate	38.8	U	1	38.8	230	ug/Kg	12/02/25 16:19	PB170788
7005-72-3	4-Chlorophenyl-phenylether	36.6	U	1	36.6	230	ug/Kg	12/02/25 16:19	PB170788
86-73-7	Fluorene	34.6	U	1	34.6	230	ug/Kg	12/02/25 16:19	PB170788
100-01-6	4-Nitroaniline	87.9	U	1	87.9	230	ug/Kg	12/02/25 16:19	PB170788
534-52-1	4,6-Dinitro-2-methylphenol	140	U	1	140	450	ug/Kg	12/02/25 16:19	PB170788

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-22	SDG No.: Q3742	
Lab Sample ID: Q3742-09	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 72.8	
Sample Wt/Vol: 30.09 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	45.1	U	1	45.1	230	ug/Kg	12/02/25 16:19	PB170788
101-55-3	4-Bromophenyl-phenylether	38.1	U	1	38.1	230	ug/Kg	12/02/25 16:19	PB170788
118-74-1	Hexachlorobenzene	34.6	U	1	34.6	230	ug/Kg	12/02/25 16:19	PB170788
1912-24-9	Atrazine	46.6	U	1	46.6	230	ug/Kg	12/02/25 16:19	PB170788
87-86-5	Pentachlorophenol	70.3	U	1	70.3	450	ug/Kg	12/02/25 16:19	PB170788
85-01-8	Phenanthrene	99.1	J	1	28.6	230	ug/Kg	12/02/25 16:19	PB170788
120-12-7	Anthracene	45.6	U	1	45.6	230	ug/Kg	12/02/25 16:19	PB170788
86-74-8	Carbazole	42.7	U	1	42.7	230	ug/Kg	12/02/25 16:19	PB170788
84-74-2	Di-n-butylphthalate	65.6	U	1	65.6	230	ug/Kg	12/02/25 16:19	PB170788
206-44-0	Fluoranthene	180	J	1	41.1	230	ug/Kg	12/02/25 16:19	PB170788
129-00-0	Pyrene	120	J	1	49.3	230	ug/Kg	12/02/25 16:19	PB170788
85-68-7	Butylbenzylphthalate	97.8	U	1	97.8	230	ug/Kg	12/02/25 16:19	PB170788
91-94-1	3,3-Dichlorobenzidine	50.3	U	1	50.3	450	ug/Kg	12/02/25 16:19	PB170788
56-55-3	Benzo(a)anthracene	150	J	1	31.5	230	ug/Kg	12/02/25 16:19	PB170788
218-01-9	Chrysene	130	J	1	27.3	230	ug/Kg	12/02/25 16:19	PB170788
117-81-7	Bis(2-ethylhexyl)phthalate	81.1	U	1	81.1	230	ug/Kg	12/02/25 16:19	PB170788
117-84-0	Di-n-octyl phthalate	120	U	1	120	450	ug/Kg	12/02/25 16:19	PB170788
205-99-2	Benzo(b)fluoranthene	180	J	1	26.0	230	ug/Kg	12/02/25 16:19	PB170788
207-08-9	Benzo(k)fluoranthene	30.7	U	1	30.7	230	ug/Kg	12/02/25 16:19	PB170788
50-32-8	Benzo(a)pyrene	150	J	1	40.4	230	ug/Kg	12/02/25 16:19	PB170788
193-39-5	Indeno(1,2,3-cd)pyrene	39.9	U	1	39.9	230	ug/Kg	12/02/25 16:19	PB170788
53-70-3	Dibenzo(a,h)anthracene	37.5	U	1	37.5	230	ug/Kg	12/02/25 16:19	PB170788
191-24-2	Benzo(g,h,i)perylene	35.2	U	1	35.2	230	ug/Kg	12/02/25 16:19	PB170788
95-94-3	1,2,4,5-Tetrachlorobenzene	35.1	U	1	35.1	230	ug/Kg	12/02/25 16:19	PB170788
123-91-1	1,4-Dioxane	61.9	U	1	61.9	230	ug/Kg	12/02/25 16:19	PB170788
58-90-2	2,3,4,6-Tetrachlorophenol	37.5	U	1	37.5	230	ug/Kg	12/02/25 16:19	PB170788

SURROGATES

367-12-4	2-Fluorophenol	85.2		10 - 105	57%	SPK: 150
13127-88-3	Phenol-d6	86.1		10 - 103	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	57.8		10 - 108	58%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.5		10 - 108	55%	SPK: 100
118-79-6	2,4,6-Tribromophenol	70.2		10 - 116	47%	SPK: 150
1718-51-0	Terphenyl-d14	42.0		10 - 109	42%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	40200
1146-65-2	Naphthalene-d8	153000
15067-26-2	Acenaphthene-d10	84300
1517-22-2	Phenanthrene-d10	125000
1719-03-5	Chrysene-d12	113000
1520-96-3	Perylene-d12	141000

TENTATIVE IDENTIFIED COMPOUNDS

000544-25-2	1,3,5-Cycloheptatriene	120	J	3.92	ug/Kg
000526-73-8	Benzene, 1,2,3-trimethyl-	94.0	J	6.69	ug/Kg

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Sadler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-22	SDG No.:	Q3742
Lab Sample ID:	Q3742-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	72.8
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.09 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000119-61-9	Benzophenone	230	J			10.6	ug/Kg		
000057-10-3	n-Hexadecanoic acid	500	J			11.9	ug/Kg		
959085-66-6	Heptadecyl heptafluorobutyrate	170	J			13.9	ug/Kg		
000148-03-8	.beta.-Tocopherol	890	J			15.8	ug/Kg		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-2	SDG No.: Q3742	
Lab Sample ID: Q3742-10	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 76.4	
Sample Wt/Vol: 30.06 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	200	U	1	200	430	ug/Kg	12/03/25 00:47	PB170788
108-95-2	Phenol	28.9	U	1	28.9	220	ug/Kg	12/03/25 00:47	PB170788
111-44-4	bis(2-Chloroethyl)ether	31.7	U	1	31.7	220	ug/Kg	12/03/25 00:47	PB170788
95-57-8	2-Chlorophenol	31.9	U	1	31.9	220	ug/Kg	12/03/25 00:47	PB170788
95-48-7	2-Methylphenol	39.1	U	1	39.1	220	ug/Kg	12/03/25 00:47	PB170788
108-60-1	2,2-oxybis(1-Chloropropane)	49.0	U	1	49.0	220	ug/Kg	12/03/25 00:47	PB170788
98-86-2	Acetophenone	38.5	U	1	38.5	220	ug/Kg	12/03/25 00:47	PB170788
65794-96-9	3+4-Methylphenols	53.7	U	1	53.7	430	ug/Kg	12/03/25 00:47	PB170788
621-64-7	n-Nitroso-di-n-propylamine	61.9	U	1	61.9	100	ug/Kg	12/03/25 00:47	PB170788
67-72-1	Hexachloroethane	23.0	U	1	23.0	220	ug/Kg	12/03/25 00:47	PB170788
98-95-3	Nitrobenzene	23.9	U	1	23.9	220	ug/Kg	12/03/25 00:47	PB170788
78-59-1	Isophorone	42.8	U	1	42.8	220	ug/Kg	12/03/25 00:47	PB170788
88-75-5	2-Nitrophenol	76.0	U	1	76.0	220	ug/Kg	12/03/25 00:47	PB170788
105-67-9	2,4-Dimethylphenol	84.6	U	1	84.6	220	ug/Kg	12/03/25 00:47	PB170788
111-91-1	bis(2-Chloroethoxy)methane	40.2	U	1	40.2	220	ug/Kg	12/03/25 00:47	PB170788
120-83-2	2,4-Dichlorophenol	37.0	U	1	37.0	220	ug/Kg	12/03/25 00:47	PB170788
91-20-3	Naphthalene	29.7	U	1	29.7	220	ug/Kg	12/03/25 00:47	PB170788
106-47-8	4-Chloroaniline	46.2	U	1	46.2	220	ug/Kg	12/03/25 00:47	PB170788
87-68-3	Hexachlorobutadiene	33.0	U	1	33.0	220	ug/Kg	12/03/25 00:47	PB170788
105-60-2	Caprolactam	68.1	U	1	68.1	430	ug/Kg	12/03/25 00:47	PB170788
59-50-7	4-Chloro-3-methylphenol	37.5	U	1	37.5	220	ug/Kg	12/03/25 00:47	PB170788
91-57-6	2-Methylnaphthalene	33.4	U	1	33.4	220	ug/Kg	12/03/25 00:47	PB170788
77-47-4	Hexachlorocyclopentadiene	150	U	1	150	430	ug/Kg	12/03/25 00:47	PB170788
88-06-2	2,4,6-Trichlorophenol	25.9	U	1	25.9	220	ug/Kg	12/03/25 00:47	PB170788
95-95-4	2,4,5-Trichlorophenol	38.0	U	1	38.0	220	ug/Kg	12/03/25 00:47	PB170788
92-52-4	1,1-Biphenyl	28.5	U	1	28.5	220	ug/Kg	12/03/25 00:47	PB170788
91-58-7	2-Chloronaphthalene	29.4	U	1	29.4	220	ug/Kg	12/03/25 00:47	PB170788
88-74-4	2-Nitroaniline	62.8	U	1	62.8	220	ug/Kg	12/03/25 00:47	PB170788
131-11-3	Dimethylphthalate	35.4	U	1	35.4	220	ug/Kg	12/03/25 00:47	PB170788
208-96-8	Acenaphthylene	37.8	U	1	37.8	220	ug/Kg	12/03/25 00:47	PB170788
606-20-2	2,6-Dinitrotoluene	43.9	U	1	43.9	220	ug/Kg	12/03/25 00:47	PB170788
99-09-2	3-Nitroaniline	60.1	U	1	60.1	220	ug/Kg	12/03/25 00:47	PB170788
83-32-9	Acenaphthene	27.8	U	1	27.8	220	ug/Kg	12/03/25 00:47	PB170788
51-28-5	2,4-Dinitrophenol	300	U	1	300	430	ug/Kg	12/03/25 00:47	PB170788
100-02-7	4-Nitrophenol	140	UQ	1	140	430	ug/Kg	12/03/25 00:47	PB170788
132-64-9	Dibenzofuran	29.7	U	1	29.7	220	ug/Kg	12/03/25 00:47	PB170788
121-14-2	2,4-Dinitrotoluene	65.4	U	1	65.4	220	ug/Kg	12/03/25 00:47	PB170788
84-66-2	Diethylphthalate	37.0	U	1	37.0	220	ug/Kg	12/03/25 00:47	PB170788
7005-72-3	4-Chlorophenyl-phenylether	34.9	U	1	34.9	220	ug/Kg	12/03/25 00:47	PB170788
86-73-7	Fluorene	33.0	U	1	33.0	220	ug/Kg	12/03/25 00:47	PB170788
100-01-6	4-Nitroaniline	83.9	U	1	83.9	220	ug/Kg	12/03/25 00:47	PB170788
534-52-1	4,6-Dinitro-2-methylphenol	130	U	1	130	430	ug/Kg	12/03/25 00:47	PB170788

Report of Analysis

Client:	Remington & Vernick		Date Collected:	11/25/25
Project:	Sadler Property		Date Received:	11/26/25
Client Sample ID:	SB-1125-2		SDG No.:	Q3742
Lab Sample ID:	Q3742-10		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	76.4
Sample Wt/Vol:	30.06 g	Final Vol:	1000 uL	Test:
Prep Method :	SW3541	Prep Date:	12/02/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	43.0	U	1	43.0	220	ug/Kg	12/03/25 00:47	PB170788
101-55-3	4-Bromophenyl-phenylether	36.3	U	1	36.3	220	ug/Kg	12/03/25 00:47	PB170788
118-74-1	Hexachlorobenzene	33.0	U	1	33.0	220	ug/Kg	12/03/25 00:47	PB170788
1912-24-9	Atrazine	44.4	U	1	44.4	220	ug/Kg	12/03/25 00:47	PB170788
87-86-5	Pentachlorophenol	67.0	U	1	67.0	430	ug/Kg	12/03/25 00:47	PB170788
85-01-8	Phenanthrene	370		1	27.3	220	ug/Kg	12/03/25 00:47	PB170788
120-12-7	Anthracene	130	J	1	43.5	220	ug/Kg	12/03/25 00:47	PB170788
86-74-8	Carbazole	40.8	U	1	40.8	220	ug/Kg	12/03/25 00:47	PB170788
84-74-2	Di-n-butylphthalate	62.6	U	1	62.6	220	ug/Kg	12/03/25 00:47	PB170788
206-44-0	Fluoranthene	630		1	39.2	220	ug/Kg	12/03/25 00:47	PB170788
129-00-0	Pyrene	460		1	47.0	220	ug/Kg	12/03/25 00:47	PB170788
85-68-7	Butylbenzylphthalate	93.3	U	1	93.3	220	ug/Kg	12/03/25 00:47	PB170788
91-94-1	3,3-Dichlorobenzidine	47.9	U	1	47.9	430	ug/Kg	12/03/25 00:47	PB170788
56-55-3	Benzo(a)anthracene	330		1	30.0	220	ug/Kg	12/03/25 00:47	PB170788
218-01-9	Chrysene	280		1	26.0	220	ug/Kg	12/03/25 00:47	PB170788
117-81-7	Bis(2-ethylhexyl)phthalate	77.3	U	1	77.3	220	ug/Kg	12/03/25 00:47	PB170788
117-84-0	Di-n-octyl phthalate	110	U	1	110	430	ug/Kg	12/03/25 00:47	PB170788
205-99-2	Benzo(b)fluoranthene	280		1	24.8	220	ug/Kg	12/03/25 00:47	PB170788
207-08-9	Benzo(k)fluoranthene	110	J	1	29.3	220	ug/Kg	12/03/25 00:47	PB170788
50-32-8	Benzo(a)pyrene	240		1	38.5	220	ug/Kg	12/03/25 00:47	PB170788
193-39-5	Indeno(1,2,3-cd)pyrene	100	J	1	38.0	220	ug/Kg	12/03/25 00:47	PB170788
53-70-3	Dibenzo(a,h)anthracene	35.8	U	1	35.8	220	ug/Kg	12/03/25 00:47	PB170788
191-24-2	Benzo(g,h,i)perylene	110	J	1	33.6	220	ug/Kg	12/03/25 00:47	PB170788
95-94-3	1,2,4,5-Tetrachlorobenzene	33.4	U	1	33.4	220	ug/Kg	12/03/25 00:47	PB170788
123-91-1	1,4-Dioxane	59.0	U	1	59.0	220	ug/Kg	12/03/25 00:47	PB170788
58-90-2	2,3,4,6-Tetrachlorophenol	35.8	U	1	35.8	220	ug/Kg	12/03/25 00:47	PB170788

SURROGATES

367-12-4	2-Fluorophenol	67.8			10 - 105	45%	SPK: 150
13127-88-3	Phenol-d6	62.3			10 - 103	42%	SPK: 150
4165-60-0	Nitrobenzene-d5	44.8			10 - 108	45%	SPK: 100
321-60-8	2-Fluorobiphenyl	45.4			10 - 108	45%	SPK: 100
118-79-6	2,4,6-Tribromophenol	68.7			10 - 116	46%	SPK: 150
1718-51-0	Terphenyl-d14	43.9			10 - 109	44%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	226000
1146-65-2	Naphthalene-d8	831000
15067-26-2	Acenaphthene-d10	499000
1517-22-2	Phenanthrene-d10	999000
1719-03-5	Chrysene-d12	1250000
1520-96-3	Perylene-d12	1510000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	200	J	15.7	ug/Kg
002531-84-2	Phenanthrene, 2-methyl-	290	J	18.0	ug/Kg



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

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Sadler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-2	SDG No.:	Q3742
Lab Sample ID:	Q3742-10	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	76.4
Sample Wt/Vol:	30.06 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
074685-30-6	5-Eicosene, (E)-	140	J			21.2	ug/Kg		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-1	SDG No.: Q3742	
Lab Sample ID: Q3742-16	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 73.5	
Sample Wt/Vol: 30.02 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	210	U	1	210	450	ug/Kg	12/02/25 17:49	PB170788
108-95-2	Phenol	30.0	U	1	30.0	230	ug/Kg	12/02/25 17:49	PB170788
111-44-4	bis(2-Chloroethyl)ether	33.0	U	1	33.0	230	ug/Kg	12/02/25 17:49	PB170788
95-57-8	2-Chlorophenol	33.2	U	1	33.2	230	ug/Kg	12/02/25 17:49	PB170788
95-48-7	2-Methylphenol	40.7	U	1	40.7	230	ug/Kg	12/02/25 17:49	PB170788
108-60-1	2,2-oxybis(1-Chloropropane)	51.0	U	1	51.0	230	ug/Kg	12/02/25 17:49	PB170788
98-86-2	Acetophenone	40.1	U	1	40.1	230	ug/Kg	12/02/25 17:49	PB170788
65794-96-9	3+4-Methylphenols	55.9	U	1	55.9	450	ug/Kg	12/02/25 17:49	PB170788
621-64-7	n-Nitroso-di-n-propylamine	64.4	U	1	64.4	110	ug/Kg	12/02/25 17:49	PB170788
67-72-1	Hexachloroethane	23.9	U	1	23.9	230	ug/Kg	12/02/25 17:49	PB170788
98-95-3	Nitrobenzene	24.9	U	1	24.9	230	ug/Kg	12/02/25 17:49	PB170788
78-59-1	Isophorone	44.6	U	1	44.6	230	ug/Kg	12/02/25 17:49	PB170788
88-75-5	2-Nitrophenol	79.1	U	1	79.1	230	ug/Kg	12/02/25 17:49	PB170788
105-67-9	2,4-Dimethylphenol	88.1	U	1	88.1	230	ug/Kg	12/02/25 17:49	PB170788
111-91-1	bis(2-Chloroethoxy)methane	41.9	U	1	41.9	230	ug/Kg	12/02/25 17:49	PB170788
120-83-2	2,4-Dichlorophenol	38.5	U	1	38.5	230	ug/Kg	12/02/25 17:49	PB170788
91-20-3	Naphthalene	30.9	U	1	30.9	230	ug/Kg	12/02/25 17:49	PB170788
106-47-8	4-Chloroaniline	48.1	U	1	48.1	230	ug/Kg	12/02/25 17:49	PB170788
87-68-3	Hexachlorobutadiene	34.4	U	1	34.4	230	ug/Kg	12/02/25 17:49	PB170788
105-60-2	Caprolactam	70.8	U	1	70.8	450	ug/Kg	12/02/25 17:49	PB170788
59-50-7	4-Chloro-3-methylphenol	39.0	U	1	39.0	230	ug/Kg	12/02/25 17:49	PB170788
91-57-6	2-Methylnaphthalene	34.8	U	1	34.8	230	ug/Kg	12/02/25 17:49	PB170788
77-47-4	Hexachlorocyclopentadiene	160	U	1	160	450	ug/Kg	12/02/25 17:49	PB170788
88-06-2	2,4,6-Trichlorophenol	26.9	U	1	26.9	230	ug/Kg	12/02/25 17:49	PB170788
95-95-4	2,4,5-Trichlorophenol	39.6	U	1	39.6	230	ug/Kg	12/02/25 17:49	PB170788
92-52-4	1,1-Biphenyl	29.6	U	1	29.6	230	ug/Kg	12/02/25 17:49	PB170788
91-58-7	2-Chloronaphthalene	30.6	U	1	30.6	230	ug/Kg	12/02/25 17:49	PB170788
88-74-4	2-Nitroaniline	65.4	U	1	65.4	230	ug/Kg	12/02/25 17:49	PB170788
131-11-3	Dimethylphthalate	36.8	U	1	36.8	230	ug/Kg	12/02/25 17:49	PB170788
208-96-8	Acenaphthylene	39.3	U	1	39.3	230	ug/Kg	12/02/25 17:49	PB170788
606-20-2	2,6-Dinitrotoluene	45.7	U	1	45.7	230	ug/Kg	12/02/25 17:49	PB170788
99-09-2	3-Nitroaniline	62.5	U	1	62.5	230	ug/Kg	12/02/25 17:49	PB170788
83-32-9	Acenaphthene	29.0	U	1	29.0	230	ug/Kg	12/02/25 17:49	PB170788
51-28-5	2,4-Dinitrophenol	310	U	1	310	450	ug/Kg	12/02/25 17:49	PB170788
100-02-7	4-Nitrophenol	150	UQ	1	150	450	ug/Kg	12/02/25 17:49	PB170788
132-64-9	Dibenzofuran	30.9	U	1	30.9	230	ug/Kg	12/02/25 17:49	PB170788
121-14-2	2,4-Dinitrotoluene	68.1	U	1	68.1	230	ug/Kg	12/02/25 17:49	PB170788
84-66-2	Diethylphthalate	38.5	U	1	38.5	230	ug/Kg	12/02/25 17:49	PB170788
7005-72-3	4-Chlorophenyl-phenylether	36.3	U	1	36.3	230	ug/Kg	12/02/25 17:49	PB170788
86-73-7	Fluorene	34.4	U	1	34.4	230	ug/Kg	12/02/25 17:49	PB170788
100-01-6	4-Nitroaniline	87.3	U	1	87.3	230	ug/Kg	12/02/25 17:49	PB170788
534-52-1	4,6-Dinitro-2-methylphenol	140	U	1	140	450	ug/Kg	12/02/25 17:49	PB170788

Report of Analysis

Client:	Remington & Vernick		Date Collected:	11/25/25
Project:	Sadler Property		Date Received:	11/26/25
Client Sample ID:	SB-1125-1		SDG No.:	Q3742
Lab Sample ID:	Q3742-16		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	73.5
Sample Wt/Vol:	30.02 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	44.7	U	1	44.7	230	ug/Kg	12/02/25 17:49	PB170788
101-55-3	4-Bromophenyl-phenylether	37.8	U	1	37.8	230	ug/Kg	12/02/25 17:49	PB170788
118-74-1	Hexachlorobenzene	34.4	U	1	34.4	230	ug/Kg	12/02/25 17:49	PB170788
1912-24-9	Atrazine	46.2	U	1	46.2	230	ug/Kg	12/02/25 17:49	PB170788
87-86-5	Pentachlorophenol	69.7	U	1	69.7	450	ug/Kg	12/02/25 17:49	PB170788
85-01-8	Phenanthrene	28.4	U	1	28.4	230	ug/Kg	12/02/25 17:49	PB170788
120-12-7	Anthracene	45.3	U	1	45.3	230	ug/Kg	12/02/25 17:49	PB170788
86-74-8	Carbazole	42.4	U	1	42.4	230	ug/Kg	12/02/25 17:49	PB170788
84-74-2	Di-n-butylphthalate	65.1	U	1	65.1	230	ug/Kg	12/02/25 17:49	PB170788
206-44-0	Fluoranthene	40.8	U	1	40.8	230	ug/Kg	12/02/25 17:49	PB170788
129-00-0	Pyrene	48.9	U	1	48.9	230	ug/Kg	12/02/25 17:49	PB170788
85-68-7	Butylbenzylphthalate	97.1	U	1	97.1	230	ug/Kg	12/02/25 17:49	PB170788
91-94-1	3,3-Dichlorobenzidine	49.9	U	1	49.9	450	ug/Kg	12/02/25 17:49	PB170788
56-55-3	Benzo(a)anthracene	31.3	U	1	31.3	230	ug/Kg	12/02/25 17:49	PB170788
218-01-9	Chrysene	27.1	U	1	27.1	230	ug/Kg	12/02/25 17:49	PB170788
117-81-7	Bis(2-ethylhexyl)phthalate	280		1	80.5	230	ug/Kg	12/02/25 17:49	PB170788
117-84-0	Di-n-octyl phthalate	120	U	1	120	450	ug/Kg	12/02/25 17:49	PB170788
205-99-2	Benzo(b)fluoranthene	25.8	U	1	25.8	230	ug/Kg	12/02/25 17:49	PB170788
207-08-9	Benzo(k)fluoranthene	30.5	U	1	30.5	230	ug/Kg	12/02/25 17:49	PB170788
50-32-8	Benzo(a)pyrene	40.1	U	1	40.1	230	ug/Kg	12/02/25 17:49	PB170788
193-39-5	Indeno(1,2,3-cd)pyrene	39.6	U	1	39.6	230	ug/Kg	12/02/25 17:49	PB170788
53-70-3	Dibenzo(a,h)anthracene	37.3	U	1	37.3	230	ug/Kg	12/02/25 17:49	PB170788
191-24-2	Benzo(g,h,i)perylene	34.9	U	1	34.9	230	ug/Kg	12/02/25 17:49	PB170788
95-94-3	1,2,4,5-Tetrachlorobenzene	34.8	U	1	34.8	230	ug/Kg	12/02/25 17:49	PB170788
123-91-1	1,4-Dioxane	61.5	U	1	61.5	230	ug/Kg	12/02/25 17:49	PB170788
58-90-2	2,3,4,6-Tetrachlorophenol	37.3	U	1	37.3	230	ug/Kg	12/02/25 17:49	PB170788

SURROGATES

367-12-4	2-Fluorophenol	80.6		10 - 105	54%	SPK: 150
13127-88-3	Phenol-d6	79.6		10 - 103	53%	SPK: 150
4165-60-0	Nitrobenzene-d5	56.6		10 - 108	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	59.5		10 - 108	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	70.4		10 - 116	47%	SPK: 150
1718-51-0	Terphenyl-d14	42.8		10 - 109	43%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	49800
1146-65-2	Naphthalene-d8	179000
15067-26-2	Acenaphthene-d10	91300
1517-22-2	Phenanthrene-d10	141000
1719-03-5	Chrysene-d12	132000
1520-96-3	Perylene-d12	169000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	210	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	410	J	11.9	ug/Kg

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Sadler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-1	SDG No.:	Q3742
Lab Sample ID:	Q3742-16	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	73.5
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.02 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
006971-40-0	17-Pentatriacontene	180	J			13.9	ug/Kg		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-25	SDG No.: Q3742	
Lab Sample ID: Q3742-17	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 63.3	
Sample Wt/Vol: 30.05 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	250	U	1	250	520	ug/Kg	12/02/25 16:49	PB170788
108-95-2	Phenol	34.9	U	1	34.9	270	ug/Kg	12/02/25 16:49	PB170788
111-44-4	bis(2-Chloroethyl)ether	38.3	U	1	38.3	270	ug/Kg	12/02/25 16:49	PB170788
95-57-8	2-Chlorophenol	38.5	U	1	38.5	270	ug/Kg	12/02/25 16:49	PB170788
95-48-7	2-Methylphenol	47.2	U	1	47.2	270	ug/Kg	12/02/25 16:49	PB170788
108-60-1	2,2-oxybis(1-Chloropropane)	59.1	U	1	59.1	270	ug/Kg	12/02/25 16:49	PB170788
98-86-2	Acetophenone	46.5	U	1	46.5	270	ug/Kg	12/02/25 16:49	PB170788
65794-96-9	3+4-Methylphenols	64.8	U	1	64.8	520	ug/Kg	12/02/25 16:49	PB170788
621-64-7	n-Nitroso-di-n-propylamine	74.8	U	1	74.8	130	ug/Kg	12/02/25 16:49	PB170788
67-72-1	Hexachloroethane	27.8	U	1	27.8	270	ug/Kg	12/02/25 16:49	PB170788
98-95-3	Nitrobenzene	28.9	U	1	28.9	270	ug/Kg	12/02/25 16:49	PB170788
78-59-1	Isophorone	51.7	U	1	51.7	270	ug/Kg	12/02/25 16:49	PB170788
88-75-5	2-Nitrophenol	91.8	U	1	91.8	270	ug/Kg	12/02/25 16:49	PB170788
105-67-9	2,4-Dimethylphenol	100	U	1	100	270	ug/Kg	12/02/25 16:49	PB170788
111-91-1	bis(2-Chloroethoxy)methane	48.6	U	1	48.6	270	ug/Kg	12/02/25 16:49	PB170788
120-83-2	2,4-Dichlorophenol	44.6	U	1	44.6	270	ug/Kg	12/02/25 16:49	PB170788
91-20-3	Naphthalene	160	J	1	35.8	270	ug/Kg	12/02/25 16:49	PB170788
106-47-8	4-Chloroaniline	55.8	U	1	55.8	270	ug/Kg	12/02/25 16:49	PB170788
87-68-3	Hexachlorobutadiene	39.9	U	1	39.9	270	ug/Kg	12/02/25 16:49	PB170788
105-60-2	Caprolactam	82.2	U	1	82.2	520	ug/Kg	12/02/25 16:49	PB170788
59-50-7	4-Chloro-3-methylphenol	45.3	U	1	45.3	270	ug/Kg	12/02/25 16:49	PB170788
91-57-6	2-Methylnaphthalene	40.4	U	1	40.4	270	ug/Kg	12/02/25 16:49	PB170788
77-47-4	Hexachlorocyclopentadiene	180	U	1	180	520	ug/Kg	12/02/25 16:49	PB170788
88-06-2	2,4,6-Trichlorophenol	31.2	U	1	31.2	270	ug/Kg	12/02/25 16:49	PB170788
95-95-4	2,4,5-Trichlorophenol	45.9	U	1	45.9	270	ug/Kg	12/02/25 16:49	PB170788
92-52-4	1,1-Biphenyl	34.4	U	1	34.4	270	ug/Kg	12/02/25 16:49	PB170788
91-58-7	2-Chloronaphthalene	35.5	U	1	35.5	270	ug/Kg	12/02/25 16:49	PB170788
88-74-4	2-Nitroaniline	75.9	U	1	75.9	270	ug/Kg	12/02/25 16:49	PB170788
131-11-3	Dimethylphthalate	42.7	U	1	42.7	270	ug/Kg	12/02/25 16:49	PB170788
208-96-8	Acenaphthylene	45.6	U	1	45.6	270	ug/Kg	12/02/25 16:49	PB170788
606-20-2	2,6-Dinitrotoluene	53.0	U	1	53.0	270	ug/Kg	12/02/25 16:49	PB170788
99-09-2	3-Nitroaniline	72.5	U	1	72.5	270	ug/Kg	12/02/25 16:49	PB170788
83-32-9	Acenaphthene	33.6	U	1	33.6	270	ug/Kg	12/02/25 16:49	PB170788
51-28-5	2,4-Dinitrophenol	360	U	1	360	520	ug/Kg	12/02/25 16:49	PB170788
100-02-7	4-Nitrophenol	170	UQ	1	170	520	ug/Kg	12/02/25 16:49	PB170788
132-64-9	Dibenzofuran	35.8	U	1	35.8	270	ug/Kg	12/02/25 16:49	PB170788
121-14-2	2,4-Dinitrotoluene	79.0	U	1	79.0	270	ug/Kg	12/02/25 16:49	PB170788
84-66-2	Diethylphthalate	44.6	U	1	44.6	270	ug/Kg	12/02/25 16:49	PB170788
7005-72-3	4-Chlorophenyl-phenylether	42.1	U	1	42.1	270	ug/Kg	12/02/25 16:49	PB170788
86-73-7	Fluorene	39.9	U	1	39.9	270	ug/Kg	12/02/25 16:49	PB170788
100-01-6	4-Nitroaniline	100	U	1	100	270	ug/Kg	12/02/25 16:49	PB170788
534-52-1	4,6-Dinitro-2-methylphenol	160	U	1	160	520	ug/Kg	12/02/25 16:49	PB170788

Report of Analysis

Client:	Remington & Vernick		Date Collected:	11/25/25
Project:	Sadler Property		Date Received:	11/26/25
Client Sample ID:	SB-1125-25		SDG No.:	Q3742
Lab Sample ID:	Q3742-17		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	63.3
Sample Wt/Vol:	30.05 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	51.9	U	1	51.9	270	ug/Kg	12/02/25 16:49	PB170788
101-55-3	4-Bromophenyl-phenylether	43.8	U	1	43.8	270	ug/Kg	12/02/25 16:49	PB170788
118-74-1	Hexachlorobenzene	39.9	U	1	39.9	270	ug/Kg	12/02/25 16:49	PB170788
1912-24-9	Atrazine	53.6	U	1	53.6	270	ug/Kg	12/02/25 16:49	PB170788
87-86-5	Pentachlorophenol	80.9	U	1	80.9	520	ug/Kg	12/02/25 16:49	PB170788
85-01-8	Phenanthrene	390		1	33.0	270	ug/Kg	12/02/25 16:49	PB170788
120-12-7	Anthracene	180	J	1	52.5	270	ug/Kg	12/02/25 16:49	PB170788
86-74-8	Carbazole	49.2	U	1	49.2	270	ug/Kg	12/02/25 16:49	PB170788
84-74-2	Di-n-butylphthalate	75.5	U	1	75.5	270	ug/Kg	12/02/25 16:49	PB170788
206-44-0	Fluoranthene	960		1	47.3	270	ug/Kg	12/02/25 16:49	PB170788
129-00-0	Pyrene	630		1	56.8	270	ug/Kg	12/02/25 16:49	PB170788
85-68-7	Butylbenzylphthalate	110	U	1	110	270	ug/Kg	12/02/25 16:49	PB170788
91-94-1	3,3-Dichlorobenzidine	57.9	U	1	57.9	520	ug/Kg	12/02/25 16:49	PB170788
56-55-3	Benzo(a)anthracene	600		1	36.3	270	ug/Kg	12/02/25 16:49	PB170788
218-01-9	Chrysene	500		1	31.4	270	ug/Kg	12/02/25 16:49	PB170788
117-81-7	Bis(2-ethylhexyl)phthalate	93.4	U	1	93.4	270	ug/Kg	12/02/25 16:49	PB170788
117-84-0	Di-n-octyl phthalate	140	U	1	140	520	ug/Kg	12/02/25 16:49	PB170788
205-99-2	Benzo(b)fluoranthene	590		1	30.0	270	ug/Kg	12/02/25 16:49	PB170788
207-08-9	Benzo(k)fluoranthene	210	J	1	35.3	270	ug/Kg	12/02/25 16:49	PB170788
50-32-8	Benzo(a)pyrene	520		1	46.5	270	ug/Kg	12/02/25 16:49	PB170788
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	1	45.9	270	ug/Kg	12/02/25 16:49	PB170788
53-70-3	Dibenzo(a,h)anthracene	43.2	U	1	43.2	270	ug/Kg	12/02/25 16:49	PB170788
191-24-2	Benzo(g,h,i)perylene	170	J	1	40.5	270	ug/Kg	12/02/25 16:49	PB170788
95-94-3	1,2,4,5-Tetrachlorobenzene	40.4	U	1	40.4	270	ug/Kg	12/02/25 16:49	PB170788
123-91-1	1,4-Dioxane	71.3	U	1	71.3	270	ug/Kg	12/02/25 16:49	PB170788
58-90-2	2,3,4,6-Tetrachlorophenol	43.2	U	1	43.2	270	ug/Kg	12/02/25 16:49	PB170788

SURROGATES

367-12-4	2-Fluorophenol	79.7		10 - 105	53%	SPK: 150
13127-88-3	Phenol-d6	80.4		10 - 103	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	54.6		10 - 108	55%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.1		10 - 108	53%	SPK: 100
118-79-6	2,4,6-Tribromophenol	67.8		10 - 116	45%	SPK: 150
1718-51-0	Terphenyl-d14	37.7		10 - 109	38%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	42300
1146-65-2	Naphthalene-d8	156000
15067-26-2	Acenaphthene-d10	79900
1517-22-2	Phenanthrene-d10	121000
1719-03-5	Chrysene-d12	111000
1520-96-3	Perylene-d12	142000

TENTATIVE IDENTIFIED COMPOUNDS

000544-25-2	1,3,5-Cycloheptatriene	250	J	3.92	ug/Kg
000119-61-9	Benzophenone	310	J	10.6	ug/Kg

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-25	SDG No.: Q3742	
Lab Sample ID: Q3742-17	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 63.3	
Sample Wt/Vol: 30.05 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-10-3	n-Hexadecanoic acid	550	J			11.9	ug/Kg		
002381-21-7	Pyrene, 1-methyl-	140	J			13.2	ug/Kg		
000243-17-4	11H-Benzo[b]fluorene	150	J			13.2	ug/Kg		
000238-84-6	11H-Benzo[a]fluorene	120	J			13.3	ug/Kg		
000192-97-2	Benzo[e]pyrene	300	J			15.4	ug/Kg		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-24	SDG No.: Q3742	
Lab Sample ID: Q3742-18	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 62.8	
Sample Wt/Vol: 30.08 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	250	U	1	250	520	ug/Kg	12/02/25 17:19	PB170788
108-95-2	Phenol	35.1	U	1	35.1	270	ug/Kg	12/02/25 17:19	PB170788
111-44-4	bis(2-Chloroethyl)ether	38.6	U	1	38.6	270	ug/Kg	12/02/25 17:19	PB170788
95-57-8	2-Chlorophenol	38.8	U	1	38.8	270	ug/Kg	12/02/25 17:19	PB170788
95-48-7	2-Methylphenol	47.5	U	1	47.5	270	ug/Kg	12/02/25 17:19	PB170788
108-60-1	2,2-oxybis(1-Chloropropane)	59.6	U	1	59.6	270	ug/Kg	12/02/25 17:19	PB170788
98-86-2	Acetophenone	46.8	U	1	46.8	270	ug/Kg	12/02/25 17:19	PB170788
65794-96-9	3+4-Methylphenols	65.3	U	1	65.3	520	ug/Kg	12/02/25 17:19	PB170788
621-64-7	n-Nitroso-di-n-propylamine	75.3	U	1	75.3	130	ug/Kg	12/02/25 17:19	PB170788
67-72-1	Hexachloroethane	28.0	U	1	28.0	270	ug/Kg	12/02/25 17:19	PB170788
98-95-3	Nitrobenzene	29.1	U	1	29.1	270	ug/Kg	12/02/25 17:19	PB170788
78-59-1	Isophorone	52.1	U	1	52.1	270	ug/Kg	12/02/25 17:19	PB170788
88-75-5	2-Nitrophenol	92.4	U	1	92.4	270	ug/Kg	12/02/25 17:19	PB170788
105-67-9	2,4-Dimethylphenol	100	U	1	100	270	ug/Kg	12/02/25 17:19	PB170788
111-91-1	bis(2-Chloroethoxy)methane	48.9	U	1	48.9	270	ug/Kg	12/02/25 17:19	PB170788
120-83-2	2,4-Dichlorophenol	44.9	U	1	44.9	270	ug/Kg	12/02/25 17:19	PB170788
91-20-3	Naphthalene	36.1	U	1	36.1	270	ug/Kg	12/02/25 17:19	PB170788
106-47-8	4-Chloroaniline	56.2	U	1	56.2	270	ug/Kg	12/02/25 17:19	PB170788
87-68-3	Hexachlorobutadiene	40.2	U	1	40.2	270	ug/Kg	12/02/25 17:19	PB170788
105-60-2	Caprolactam	82.7	U	1	82.7	520	ug/Kg	12/02/25 17:19	PB170788
59-50-7	4-Chloro-3-methylphenol	45.6	U	1	45.6	270	ug/Kg	12/02/25 17:19	PB170788
91-57-6	2-Methylnaphthalene	40.7	U	1	40.7	270	ug/Kg	12/02/25 17:19	PB170788
77-47-4	Hexachlorocyclopentadiene	180	U	1	180	520	ug/Kg	12/02/25 17:19	PB170788
88-06-2	2,4,6-Trichlorophenol	31.4	U	1	31.4	270	ug/Kg	12/02/25 17:19	PB170788
95-95-4	2,4,5-Trichlorophenol	46.2	U	1	46.2	270	ug/Kg	12/02/25 17:19	PB170788
92-52-4	1,1-Biphenyl	34.6	U	1	34.6	270	ug/Kg	12/02/25 17:19	PB170788
91-58-7	2-Chloronaphthalene	35.7	U	1	35.7	270	ug/Kg	12/02/25 17:19	PB170788
88-74-4	2-Nitroaniline	76.4	U	1	76.4	270	ug/Kg	12/02/25 17:19	PB170788
131-11-3	Dimethylphthalate	43.0	U	1	43.0	270	ug/Kg	12/02/25 17:19	PB170788
208-96-8	Acenaphthylene	45.9	U	1	45.9	270	ug/Kg	12/02/25 17:19	PB170788
606-20-2	2,6-Dinitrotoluene	53.4	U	1	53.4	270	ug/Kg	12/02/25 17:19	PB170788
99-09-2	3-Nitroaniline	73.1	U	1	73.1	270	ug/Kg	12/02/25 17:19	PB170788
83-32-9	Acenaphthene	33.8	U	1	33.8	270	ug/Kg	12/02/25 17:19	PB170788
51-28-5	2,4-Dinitrophenol	360	U	1	360	520	ug/Kg	12/02/25 17:19	PB170788
100-02-7	4-Nitrophenol	170	UQ	1	170	520	ug/Kg	12/02/25 17:19	PB170788
132-64-9	Dibenzofuran	36.1	U	1	36.1	270	ug/Kg	12/02/25 17:19	PB170788
121-14-2	2,4-Dinitrotoluene	79.6	U	1	79.6	270	ug/Kg	12/02/25 17:19	PB170788
84-66-2	Diethylphthalate	44.9	U	1	44.9	270	ug/Kg	12/02/25 17:19	PB170788
7005-72-3	4-Chlorophenyl-phenylether	42.4	U	1	42.4	270	ug/Kg	12/02/25 17:19	PB170788
86-73-7	Fluorene	40.2	U	1	40.2	270	ug/Kg	12/02/25 17:19	PB170788
100-01-6	4-Nitroaniline	100	U	1	100	270	ug/Kg	12/02/25 17:19	PB170788
534-52-1	4,6-Dinitro-2-methylphenol	160	U	1	160	520	ug/Kg	12/02/25 17:19	PB170788

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-24	SDG No.: Q3742	
Lab Sample ID: Q3742-18	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 62.8	
Sample Wt/Vol: 30.08 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	52.2	U	1	52.2	270	ug/Kg	12/02/25 17:19	PB170788
101-55-3	4-Bromophenyl-phenylether	44.1	U	1	44.1	270	ug/Kg	12/02/25 17:19	PB170788
118-74-1	Hexachlorobenzene	40.2	U	1	40.2	270	ug/Kg	12/02/25 17:19	PB170788
1912-24-9	Atrazine	54.0	U	1	54.0	270	ug/Kg	12/02/25 17:19	PB170788
87-86-5	Pentachlorophenol	81.5	U	1	81.5	520	ug/Kg	12/02/25 17:19	PB170788
85-01-8	Phenanthrene	240	J	1	33.2	270	ug/Kg	12/02/25 17:19	PB170788
120-12-7	Anthracene	52.9	U	1	52.9	270	ug/Kg	12/02/25 17:19	PB170788
86-74-8	Carbazole	49.5	U	1	49.5	270	ug/Kg	12/02/25 17:19	PB170788
84-74-2	Di-n-butylphthalate	76.1	U	1	76.1	270	ug/Kg	12/02/25 17:19	PB170788
206-44-0	Fluoranthene	540		1	47.6	270	ug/Kg	12/02/25 17:19	PB170788
129-00-0	Pyrene	360		1	57.2	270	ug/Kg	12/02/25 17:19	PB170788
85-68-7	Butylbenzylphthalate	110	U	1	110	270	ug/Kg	12/02/25 17:19	PB170788
91-94-1	3,3-Dichlorobenzidine	58.3	U	1	58.3	520	ug/Kg	12/02/25 17:19	PB170788
56-55-3	Benzo(a)anthracene	420		1	36.5	270	ug/Kg	12/02/25 17:19	PB170788
218-01-9	Chrysene	360		1	31.6	270	ug/Kg	12/02/25 17:19	PB170788
117-81-7	Bis(2-ethylhexyl)phthalate	94.0	U	1	94.0	270	ug/Kg	12/02/25 17:19	PB170788
117-84-0	Di-n-octyl phthalate	140	U	1	140	520	ug/Kg	12/02/25 17:19	PB170788
205-99-2	Benzo(b)fluoranthene	470		1	30.2	270	ug/Kg	12/02/25 17:19	PB170788
207-08-9	Benzo(k)fluoranthene	150	J	1	35.6	270	ug/Kg	12/02/25 17:19	PB170788
50-32-8	Benzo(a)pyrene	410		1	46.8	270	ug/Kg	12/02/25 17:19	PB170788
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	1	46.2	270	ug/Kg	12/02/25 17:19	PB170788
53-70-3	Dibenzo(a,h)anthracene	43.5	U	1	43.5	270	ug/Kg	12/02/25 17:19	PB170788
191-24-2	Benzo(g,h,i)perylene	140	J	1	40.8	270	ug/Kg	12/02/25 17:19	PB170788
95-94-3	1,2,4,5-Tetrachlorobenzene	40.7	U	1	40.7	270	ug/Kg	12/02/25 17:19	PB170788
123-91-1	1,4-Dioxane	71.8	U	1	71.8	270	ug/Kg	12/02/25 17:19	PB170788
58-90-2	2,3,4,6-Tetrachlorophenol	43.5	U	1	43.5	270	ug/Kg	12/02/25 17:19	PB170788

SURROGATES

367-12-4	2-Fluorophenol	91.8			10 - 105	61%	SPK: 150
13127-88-3	Phenol-d6	95.3			10 - 103	64%	SPK: 150
4165-60-0	Nitrobenzene-d5	63.0			10 - 108	63%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.7			10 - 108	66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	80.6			10 - 116	54%	SPK: 150
1718-51-0	Terphenyl-d14	47.1			10 - 109	47%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	40200
1146-65-2	Naphthalene-d8	151000
15067-26-2	Acenaphthene-d10	77800
1517-22-2	Phenanthrene-d10	117000
1719-03-5	Chrysene-d12	106000
1520-96-3	Perylene-d12	137000

TENTATIVE IDENTIFIED COMPOUNDS

000544-25-2	1,3,5-Cycloheptatriene	160	J	3.93	ug/Kg
000119-61-9	Benzophenone	380	J	10.6	ug/Kg

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-24	SDG No.: Q3742	
Lab Sample ID: Q3742-18	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 62.8	
Sample Wt/Vol: 30.08 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-10-3	n-Hexadecanoic acid	740	J			11.9	ug/Kg		
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	110	J			12.2	ug/Kg		
000483-65-8	Retene	110	J			13.1	ug/Kg		
959261-25-7	Pentafluoropropionic acid, octadec	330	J			13.9	ug/Kg		
018835-33-1	1-Hexacosene	290	J			14.5	ug/Kg		
000192-97-2	Benzo[e]pyrene	210	J			15.4	ug/Kg		
000148-03-8	.beta.-Tocopherol	220	J			15.8	ug/Kg		
000083-47-6	.gamma.-Sitosterol	290	J			17.6	ug/Kg		
001617-70-5	Lup-20(29)-en-3-one	820	J			18.2	ug/Kg		
000545-47-1	Lupeol	2200	J			18.4	ug/Kg		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3742

Client: Remington & Vernick

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170788BL	PB170788BL	2-Fluorophenol	150	82.6	55		10	105
		Phenol-d6	150	83.2	55		10	103
		Nitrobenzene-d5	100	54.9	55		10	108
		2-Fluorobiphenyl	100	53.6	54		10	108
		2,4,6-Tribromophenol	150	74.0	49		10	116
		Terphenyl-d14	100	54.1	54		10	109
PB170788BS	PB170788BS	2-Fluorophenol	150	112	75		10	105
		Phenol-d6	150	112	75		10	103
		Nitrobenzene-d5	100	76.7	77		10	108
		2-Fluorobiphenyl	100	78.5	79		10	108
		2,4,6-Tribromophenol	150	108	72		10	116
		Terphenyl-d14	100	70.4	70		10	109
Q3742-01	SB-1125-23	2-Fluorophenol	150	77.8	52		10	105
		Phenol-d6	150	79.7	53		10	103
		Nitrobenzene-d5	100	53.2	53		10	108
		2-Fluorobiphenyl	100	53.2	53		10	108
		2,4,6-Tribromophenol	150	73.8	49		10	116
		Terphenyl-d14	100	45.5	46		10	109
Q3742-02	SB-1125-19	2-Fluorophenol	150	92.5	62		10	105
		Phenol-d6	150	89.5	60		10	103
		Nitrobenzene-d5	100	60.0	60		10	108
		2-Fluorobiphenyl	100	60.2	60		10	108
		2,4,6-Tribromophenol	150	95.5	64		10	116
		Terphenyl-d14	100	66.2	66		10	109
Q3742-02MS	SB-1125-19MS	2-Fluorophenol	150	79.5	53		10	105
		Phenol-d6	150	81.1	54		10	103
		Nitrobenzene-d5	100	47.9	48		10	108
		2-Fluorobiphenyl	100	46.8	47		10	108
		2,4,6-Tribromophenol	150	77.1	51		10	116
		Terphenyl-d14	100	55.8	56		10	109
Q3742-02MSD	SB-1125-19MSD	2-Fluorophenol	150	83.4	56		10	105
		Phenol-d6	150	82.2	55		10	103
		Nitrobenzene-d5	100	52.6	53		10	108
		2-Fluorobiphenyl	100	53.5	53		10	108
		2,4,6-Tribromophenol	150	82.8	55		10	116
		Terphenyl-d14	100	56.1	56		10	109
Q3742-03	SB-1125-8	2-Fluorophenol	150	81.7	54		10	105
		Phenol-d6	150	80.7	54		10	103
		Nitrobenzene-d5	100	53.9	54		10	108
		2-Fluorobiphenyl	100	56.0	56		10	108
		2,4,6-Tribromophenol	150	84.8	57		10	116
		Terphenyl-d14	100	54.8	55		10	109
Q3742-04	SB-1125-9	2-Fluorophenol	150	68.5	46		10	105
		Phenol-d6	150	71.3	48		10	103
		Nitrobenzene-d5	100	40.8	41		10	108
		2-Fluorobiphenyl	100	41.2	41		10	108
		2,4,6-Tribromophenol	150	75.7	50		10	116
		Terphenyl-d14	100	50.3	50		10	109
Q3742-05	SB-1125-21	2-Fluorophenol	150	48.0	32		10	105
		Phenol-d6	150	47.4	32		10	103
		Nitrobenzene-d5	100	29.9	30		10	108

Surrogate Summary

SW-846

SDG No.: Q3742

Client: Remington & Vernick

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3742-05	SB-1125-21	2-Fluorobiphenyl	100	27.7	28		10	108
		2,4,6-Tribromophenol	150	47.5	32		10	116
		Terphenyl-d14	100	34.7	35		10	109
Q3742-06	SB-1125-13	2-Fluorophenol	150	67.8	45		10	105
		Phenol-d6	150	69.1	46		10	103
		Nitrobenzene-d5	100	51.0	51		10	108
Q3742-07	SB-1125-18	2-Fluorobiphenyl	100	50.9	51		10	108
		2,4,6-Tribromophenol	150	62.8	42		10	116
		Terphenyl-d14	100	50.2	50		10	109
Q3742-08	SB-1125-20	2-Fluorophenol	150	69.4	46		10	105
		Phenol-d6	150	68.2	45		10	103
		Nitrobenzene-d5	100	44.0	44		10	108
Q3742-09	SB-1125-22	2-Fluorobiphenyl	100	43.9	44		10	108
		2,4,6-Tribromophenol	150	55.0	37		10	116
		Terphenyl-d14	100	33.1	33		10	109
Q3742-10	SB-1125-2	2-Fluorophenol	150	80.9	54		10	105
		Phenol-d6	150	83.4	56		10	103
		Nitrobenzene-d5	100	55.0	55		10	108
Q3742-16	SB-1125-1	2-Fluorobiphenyl	100	58.4	58		10	108
		2,4,6-Tribromophenol	150	76.3	51		10	116
		Terphenyl-d14	100	48.4	48		10	109
Q3742-17	SB-1125-25	2-Fluorophenol	150	85.2	57		10	105
		Phenol-d6	150	86.1	57		10	103
		Nitrobenzene-d5	100	57.8	58		10	108
Q3742-18	SB-1125-24	2-Fluorobiphenyl	100	55.5	55		10	108
		2,4,6-Tribromophenol	150	70.2	47		10	116
		Terphenyl-d14	100	42.0	42		10	109
Q3742-19	SB-1125-3	2-Fluorophenol	150	67.8	45		10	105
		Phenol-d6	150	62.3	42		10	103
		Nitrobenzene-d5	100	44.8	45		10	108
Q3742-20	SB-1125-4	2-Fluorobiphenyl	100	45.4	45		10	108
		2,4,6-Tribromophenol	150	68.7	46		10	116
		Terphenyl-d14	100	43.9	44		10	109
Q3742-21	SB-1125-5	2-Fluorophenol	150	80.6	54		10	105
		Phenol-d6	150	79.6	53		10	103
		Nitrobenzene-d5	100	56.6	57		10	108
Q3742-22	SB-1125-6	2-Fluorobiphenyl	100	59.5	59		10	108
		2,4,6-Tribromophenol	150	70.4	47		10	116
		Terphenyl-d14	100	42.8	43		10	109
Q3742-23	SB-1125-7	2-Fluorophenol	150	79.7	53		10	105
		Phenol-d6	150	80.4	54		10	103
		Nitrobenzene-d5	100	54.6	55		10	108
Q3742-24	SB-1125-8	2-Fluorobiphenyl	100	53.1	53		10	108
		2,4,6-Tribromophenol	150	67.8	45		10	116
		Terphenyl-d14	100	37.7	38		10	109
Q3742-25	SB-1125-9	2-Fluorophenol	150	91.8	61		10	105
		Phenol-d6	150	95.3	64		10	103
		Nitrobenzene-d5	100	63.0	63		10	108
Q3742-26	SB-1125-10	2-Fluorobiphenyl	100	65.7	66		10	108
		2,4,6-Tribromophenol	150	80.6	54		10	116
		Terphenyl-d14	100	47.1	47		10	109

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3742

Analytical Method: SW8270E

Client: Remington & Vernick

DataFile: BP026216.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3742-02MS		Client Sample ID: SB-1125-19MS									
Benzaldehyde	4100	0	4200	ug/Kg	102				20	111	
Phenol	4100	0	3500	ug/Kg	85				51	122	
bis(2-Chloroethyl)ether	4100	0	3200	ug/Kg	78				67	110	
2-Chlorophenol	4100	0	3500	ug/Kg	85				67	119	
2-Methylphenol	4100	0	3600	ug/Kg	88				68	116	
2,2-oxybis(1-Chloropropane)	4100	0	3200	ug/Kg	78				59	113	
Acetophenone	4100	0	3100	ug/Kg	76				55	128	
3+4-Methylphenols	4100	0	3500	ug/Kg	85				70	111	
N-Nitroso-di-n-propylamine	4100	0	3300	ug/Kg	80				59	119	
Hexachloroethane	4100	0	3300	ug/Kg	80				65	115	
Nitrobenzene	4100	0	3100	ug/Kg	76				66	120	
Isophorone	4100	0	3100	ug/Kg	76				67	113	
2-Nitrophenol	4100	0	3300	ug/Kg	80				69	135	
2,4-Dimethylphenol	4100	0	3300	ug/Kg	80				63	151	
bis(2-Chloroethoxy)methane	4100	0	3100	ug/Kg	76				70	112	
2,4-Dichlorophenol	4100	0	3500	ug/Kg	85				70	121	
Naphthalene	4100	0	3200	ug/Kg	78				66	113	
4-Chloroaniline	4100	0	820	ug/Kg	20				10	100	
Hexachlorobutadiene	4100	0	3300	ug/Kg	80				67	118	
Caprolactam	4100	0	3200	ug/Kg	78				51	134	
4-Chloro-3-methylphenol	4100	0	3400	ug/Kg	83				71	118	
2-Methylnaphthalene	4100	0	3000	ug/Kg	73				59	123	
Hexachlorocyclopentadiene	8100	0	5800	ug/Kg	72				16	175	
2,4,6-Trichlorophenol	4100	0	3300	ug/Kg	80				67	128	
2,4,5-Trichlorophenol	4100	0	3300	ug/Kg	80				69	123	
1,1-Biphenyl	4100	0	3100	ug/Kg	76				69	126	
2-Chloronaphthalene	4100	0	3100	ug/Kg	76				71	113	
2-Nitroaniline	4100	0	3200	ug/Kg	78				73	125	
Dimethylphthalate	4100	0	3200	ug/Kg	78				72	116	
Acenaphthylene	4100	0	3200	ug/Kg	78				69	128	
2,6-Dinitrotoluene	4100	0	3400	ug/Kg	83				67	141	
3-Nitroaniline	4100	0	1500	ug/Kg	37				28	102	
Acenaphthene	4100	0	3100	ug/Kg	76				70	121	
2,4-Dinitrophenol	8100	0	6800	ug/Kg	84				10	164	
4-Nitrophenol	8100	0	5800	ug/Kg	72				49	133	
Dibenzofuran	4100	0	3200	ug/Kg	78				71	111	
2,4-Dinitrotoluene	4100	0	3200	ug/Kg	78				73	130	
Diethylphthalate	4100	0	3200	ug/Kg	78				73	116	
4-Chlorophenyl-phenylether	4100	0	3200	ug/Kg	78				72	112	
Fluorene	4100	0	3300	ug/Kg	80				67	114	
4-Nitroaniline	4100	0	2600	ug/Kg	63				61	128	
4,6-Dinitro-2-methylphenol	4100	0	3200	ug/Kg	78				25	163	
N-Nitrosodiphenylamine	4100	0	3200	ug/Kg	78				73	118	
4-Bromophenyl-phenylether	4100	0	3400	ug/Kg	83				65	121	
Hexachlorobenzene	4100	0	3300	ug/Kg	80				67	118	
Atrazine	4100	0	3200	ug/Kg	78	*			79	127	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3742

Analytical Method: SW8270E

Client: Remington & Vernick

DataFile: BP026216.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	8100	0	6400	ug/Kg	79				39	145	
Phenanthrene	4100	170	3300	ug/Kg	76				52	128	
Anthracene	4100	0	3200	ug/Kg	78				62	124	
Carbazole	4100	0	3000	ug/Kg	73				73	115	
Di-n-butylphthalate	4100	0	3300	ug/Kg	80				72	129	
Fluoranthene	4100	320	3100	ug/Kg	68				31	152	
Pyrene	4100	340	3900	ug/Kg	87				37	122	
Butylbenzylphthalate	4100	0	3500	ug/Kg	85				59	151	
3,3-Dichlorobenzidine	4100	0	860	ug/Kg	21				10	116	
Benzo(a)anthracene	4100	230	3300	ug/Kg	75				53	119	
Chrysene	4100	230	3400	ug/Kg	77				57	121	
bis(2-Ethylhexyl)phthalate	4100	0	2400	ug/Kg	59	*			64	139	
Di-n-octyl phthalate	4100	0	3200	ug/Kg	78				51	156	
Benzo(b)fluoranthene	4100	250	3400	ug/Kg	77				52	117	
Benzo(k)fluoranthene	4100	0	3400	ug/Kg	83				57	134	
Benzo(a)pyrene	4100	230	3500	ug/Kg	80				70	142	
Indeno(1,2,3-cd)pyrene	4100	0	3300	ug/Kg	80				48	129	
Dibenz(a,h)anthracene	4100	0	3300	ug/Kg	80				43	123	
Benzo(g,h,i)perylene	4100	0	3400	ug/Kg	83				40	133	
1,2,4,5-Tetrachlorobenzene	4100	0	3200	ug/Kg	78				65	132	
1,4-Dioxane	4100	0	2400	ug/Kg	59				46	112	
2,3,4,6-Tetrachlorophenol	4100	0	3500	ug/Kg	85				56	141	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3742

Analytical Method: SW8270E

Client: Remington & Vernick

DataFile: BP026217.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3742-02MSD		Client Sample ID: SB-1125-19MSD									
Benzaldehyde	4100	0	4400	ug/Kg	107		5		20	111	20
Phenol	4100	0	3600	ug/Kg	88		3		51	122	20
bis(2-Chloroethyl)ether	4100	0	3400	ug/Kg	83		6		67	110	20
2-Chlorophenol	4100	0	3700	ug/Kg	90		6		67	119	20
2-Methylphenol	4100	0	3600	ug/Kg	88		0		68	116	20
2,2-oxybis(1-Chloropropane)	4100	0	3300	ug/Kg	80		3		59	113	20
Acetophenone	4100	0	3400	ug/Kg	83		9		55	128	20
3+4-Methylphenols	4100	0	3500	ug/Kg	85		0		70	111	20
N-Nitroso-di-n-propylamine	4100	0	3300	ug/Kg	80		0		59	119	20
Hexachloroethane	4100	0	3600	ug/Kg	88		10		65	115	20
Nitrobenzene	4100	0	3400	ug/Kg	83		9		66	120	20
Isophorone	4100	0	3300	ug/Kg	80		5		67	113	20
2-Nitrophenol	4100	0	3600	ug/Kg	88		10		69	135	16
2,4-Dimethylphenol	4100	0	3500	ug/Kg	85		6		63	151	20
bis(2-Chloroethoxy)methane	4100	0	3300	ug/Kg	80		5		70	112	20
2,4-Dichlorophenol	4100	0	3700	ug/Kg	90		6		70	121	20
Naphthalene	4100	0	3400	ug/Kg	83		6		66	113	20
4-Chloroaniline	4100	0	940	ug/Kg	23		14		10	100	25
Hexachlorobutadiene	4100	0	3700	ug/Kg	90		12		67	118	16
Caprolactam	4100	0	3200	ug/Kg	78		0		51	134	25
4-Chloro-3-methylphenol	4100	0	3500	ug/Kg	85		2		71	118	20
2-Methylnaphthalene	4100	0	3100	ug/Kg	76		4		59	123	20
Hexachlorocyclopentadiene	8100	0	6800	ug/Kg	84		15		16	175	20
2,4,6-Trichlorophenol	4100	0	3700	ug/Kg	90		12		67	128	16
2,4,5-Trichlorophenol	4100	0	3600	ug/Kg	88		10		69	123	16
1,1-Biphenyl	4100	0	3500	ug/Kg	85		11		69	126	20
2-Chloronaphthalene	4100	0	3500	ug/Kg	85		11		71	113	20
2-Nitroaniline	4100	0	3400	ug/Kg	83		6		73	125	16
Dimethylphthalate	4100	0	3400	ug/Kg	83		6		72	116	20
Acenaphthylene	4100	0	3600	ug/Kg	88		12		69	128	15
2,6-Dinitrotoluene	4100	0	3800	ug/Kg	93		11		67	141	20
3-Nitroaniline	4100	0	1600	ug/Kg	39		5		28	102	20
Acenaphthene	4100	0	3400	ug/Kg	83		9		70	121	16
2,4-Dinitrophenol	8100	0	7000	ug/Kg	86		2		10	164	30
4-Nitrophenol	8100	0	6300	ug/Kg	78		8		49	133	20
Dibenzofuran	4100	0	3500	ug/Kg	85		9		71	111	20
2,4-Dinitrotoluene	4100	0	3500	ug/Kg	85		9		73	130	20
Diethylphthalate	4100	0	3400	ug/Kg	83		6		73	116	20
4-Chlorophenyl-phenylether	4100	0	3500	ug/Kg	85		9		72	112	20
Fluorene	4100	0	3500	ug/Kg	85		6		67	114	20
4-Nitroaniline	4100	0	2700	ug/Kg	66		5		61	128	20
4,6-Dinitro-2-methylphenol	4100	0	3400	ug/Kg	83		6		25	163	30
N-Nitrosodiphenylamine	4100	0	3600	ug/Kg	88		12		73	118	20
4-Bromophenyl-phenylether	4100	0	3700	ug/Kg	90		8		65	121	20
Hexachlorobenzene	4100	0	3700	ug/Kg	90		12		67	118	20
Atrazine	4100	0	3500	ug/Kg	85		9		79	127	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3742

Analytical Method: SW8270E

Client: Remington & Vernick

DataFile: BP026217.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	8100	0	7100	ug/Kg	88		11		39	145	20
Phenanthrene	4100	170	3600	ug/Kg	84		10		52	128	20
Anthracene	4100	0	3600	ug/Kg	88		12		62	124	20
Carbazole	4100	0	3400	ug/Kg	83		13		73	115	20
Di-n-butylphthalate	4100	0	3500	ug/Kg	85		6		72	129	20
Fluoranthene	4100	320	3600	ug/Kg	80		16		31	152	20
Pyrene	4100	340	3900	ug/Kg	87		0		37	122	27
Butylbenzylphthalate	4100	0	3600	ug/Kg	88		3		59	151	20
3,3-Dichlorobenzidine	4100	0	950	ug/Kg	23		9		10	116	20
Benzo(a)anthracene	4100	230	3500	ug/Kg	80		6		53	119	20
Chrysene	4100	230	3800	ug/Kg	87		12		57	121	20
bis(2-Ethylhexyl)phthalate	4100	0	2200	ug/Kg	54	*	9		64	139	20
Di-n-octyl phthalate	4100	0	3500	ug/Kg	85		9		51	156	20
Benzo(b)fluoranthene	4100	250	3700	ug/Kg	84		9		52	117	20
Benzo(k)fluoranthene	4100	0	3700	ug/Kg	90		8		57	134	20
Benzo(a)pyrene	4100	230	3800	ug/Kg	87		8		70	142	20
Indeno(1,2,3-cd)pyrene	4100	0	3600	ug/Kg	88		10		48	129	20
Dibenz(a,h)anthracene	4100	0	3600	ug/Kg	88		10		43	123	20
Benzo(g,h,i)perylene	4100	0	3600	ug/Kg	88		6		40	133	20
1,2,4,5-Tetrachlorobenzene	4100	0	3600	ug/Kg	88		12		65	132	20
1,4-Dioxane	4100	0	3100	ug/Kg	76		25	*	46	112	20
2,3,4,6-Tetrachlorophenol	4100	0	3800	ug/Kg	93		9		56	141	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3742

Analytical Method: 8270E

Client: Remington & Vernick

DataFile: BF144400.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170788BS	Benzaldehyde	1700	1200	ug/Kg	71				10	133	
	Phenol	1700	1300	ug/Kg	76				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1400	ug/Kg	82				65	112	
	2-Methylphenol	1700	1400	ug/Kg	82				74	105	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				75	100	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				75	113	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				61	130	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1300	ug/Kg	76				62	107	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	770	ug/Kg	45				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				68	108	
	Caprolactam	1700	1300	ug/Kg	76				67	110	
	4-Chloro-3-methylphenol	1700	1300	ug/Kg	76				74	106	
	2-Methylnaphthalene	1700	1200	ug/Kg	71				60	104	
	Hexachlorocyclopentadiene	3300	2500	ug/Kg	76				45	165	
	2,4,6-Trichlorophenol	1700	1300	ug/Kg	76				59	102	
	2,4,5-Trichlorophenol	1700	1300	ug/Kg	76				74	110	
	1,1-Biphenyl	1700	1600	ug/Kg	94				71	110	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				70	103	
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				76	101	
	Acenaphthylene	1700	1500	ug/Kg	88				76	111	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				78	116	
	3-Nitroaniline	1700	950	ug/Kg	56				28	100	
	Acenaphthene	1700	1300	ug/Kg	76				73	105	
	2,4-Dinitrophenol	3300	2400	ug/Kg	73				59	137	
	4-Nitrophenol	3300	1900	ug/Kg	58		*		60	124	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1400	ug/Kg	82				78	115	
	Diethylphthalate	1700	1300	ug/Kg	76				76	104	
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				73	101	
	Fluorene	1700	1400	ug/Kg	82				75	99	
	4-Nitroaniline	1700	1200	ug/Kg	71				64	103	
	4,6-Dinitro-2-methylphenol	1700	1300	ug/Kg	76				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3742</u>	Analytical Method: <u>8270E</u>
Client: <u>Remington & Vernick</u>	DataFile: <u>BF144400.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170788BS	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1400	ug/Kg	82				71	122	
	Pentachlorophenol	3300	2600	ug/Kg	79				56	129	
	Phenanthrene	1700	1400	ug/Kg	82				75	100	
	Anthracene	1700	1500	ug/Kg	88				75	103	
	Carbazole	1700	1400	ug/Kg	82				76	103	
	Di-n-butylphthalate	1700	1400	ug/Kg	82				76	110	
	Fluoranthene	1700	1400	ug/Kg	82				73	105	
	Pyrene	1700	1200	ug/Kg	71				59	103	
	Butylbenzylphthalate	1700	1300	ug/Kg	76				75	120	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				31	94	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				75	104	
	Chrysene	1700	1400	ug/Kg	82				75	103	
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				77	113	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				76	110	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				75	108	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				79	109	
	Indeno(1,2,3-cd)pyrene	1700	1400	ug/Kg	82				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1400	ug/Kg	82				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1400	ug/Kg	82				71	118	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170788BL

Lab Name: <u>Alliance</u>	Contract: <u>REMI01</u>
Lab Code: <u>ACE</u>	SDG NO.: <u>Q3742</u>
Lab File ID: <u>BF144399.D</u>	Lab Sample ID: <u>PB170788BL</u>
Instrument ID: <u>BNA_F</u>	Date Extracted: <u>12/02/2025</u>
Matrix: (soil/water) <u>SOIL</u>	Date Analyzed: <u>12/02/2025</u>
Level: (low/med) <u>LOW</u>	Time Analyzed: <u>13:16</u>

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170788BS	PB170788BS	BF144400.D	12/02/2025
SB-1125-23	Q3742-01	BF144401.D	12/02/2025
SB-1125-18	Q3742-07	BF144403.D	12/02/2025
SB-1125-20	Q3742-08	BF144404.D	12/02/2025
SB-1125-22	Q3742-09	BF144405.D	12/02/2025
SB-1125-25	Q3742-17	BF144406.D	12/02/2025
SB-1125-24	Q3742-18	BF144407.D	12/02/2025
SB-1125-1	Q3742-16	BF144408.D	12/02/2025
SB-1125-19	Q3742-02	BP026215.D	12/02/2025
SB-1125-19MS	Q3742-02MS	BP026216.D	12/02/2025
SB-1125-19MSD	Q3742-02MSD	BP026217.D	12/02/2025
SB-1125-9	Q3742-04	BP026218.D	12/02/2025
SB-1125-8	Q3742-03	BP026219.D	12/02/2025
SB-1125-21	Q3742-05	BP026220.D	12/02/2025
SB-1125-13	Q3742-06	BP026221.D	12/03/2025
SB-1125-2	Q3742-10	BP026222.D	12/03/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144168.D
Instrument ID: BNA_F

Contract: REMI01
SDG NO.: Q3742
DFTPP Injection Date: 11/05/2025
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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144397.D
Instrument ID: BNA_F

Contract: REMI01
SDG NO.: Q3742
DFTPP Injection Date: 12/02/2025
DFTPP Injection Time: 10:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.5) 1
69	Mass 69 relative abundance	19.2
70	Less than 2.0% of mass 69	0.2 (1.1) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.3
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	16.1
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	BF144398.D	12/02/2025	11:00
PB170788BL	PB170788BL	BF144399.D	12/02/2025	13:16
PB170788BS	PB170788BS	BF144400.D	12/02/2025	13:47
SB-1125-23	Q3742-01	BF144401.D	12/02/2025	14:21
SB-1125-18	Q3742-07	BF144403.D	12/02/2025	15:20
SB-1125-20	Q3742-08	BF144404.D	12/02/2025	15:50
SB-1125-22	Q3742-09	BF144405.D	12/02/2025	16:19
SB-1125-25	Q3742-17	BF144406.D	12/02/2025	16:49
SB-1125-24	Q3742-18	BF144407.D	12/02/2025	17:19
SB-1125-1	Q3742-16	BF144408.D	12/02/2025	17:49

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026142.D
Instrument ID: BNA_P

Contract: REMI01
SDG NO.: Q3742
DFTPP Injection Date: 11/18/2025
DFTPP Injection Time: 13:45

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	30.9
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	88.7
443	15.0 - 24.0% of mass 442	17.3 (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
SSTDICC2.5	SSTDICC2.5	BP026143.D	11/18/2025	14:31
SSTDICC005	SSTDICC005	BP026144.D	11/18/2025	15:12
SSTDICC010	SSTDICC010	BP026145.D	11/18/2025	15:54
SSTDICC020	SSTDICC020	BP026146.D	11/18/2025	16:35
SSTDICCC040	SSTDICCC040	BP026147.D	11/18/2025	17:57
SSTDICC050	SSTDICC050	BP026148.D	11/18/2025	18:38
SSTDICC060	SSTDICC060	BP026149.D	11/18/2025	20:00
SSTDICC080	SSTDICC080	BP026150.D	11/18/2025	21:22

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026206.D
Instrument ID: BNA_P

Contract: REMI01
SDG NO.: Q3742
DFTPP Injection Date: 12/02/2025
DFTPP Injection Time: 13:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	30.5
70	Less than 2.0% of mass 69	0.1 (0.4) 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	6.8
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	14
442	Greater than 50% of mass 198	92.1
443	15.0 - 24.0% of mass 442	17.9 (19.4) 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	BP026207.D	12/02/2025	14:31
SB-1125-19	Q3742-02	BP026215.D	12/02/2025	19:59
SB-1125-19MS	Q3742-02MS	BP026216.D	12/02/2025	20:40
SB-1125-19MSD	Q3742-02MSD	BP026217.D	12/02/2025	21:21
SB-1125-9	Q3742-04	BP026218.D	12/02/2025	22:02
SB-1125-8	Q3742-03	BP026219.D	12/02/2025	22:43
SB-1125-21	Q3742-05	BP026220.D	12/02/2025	23:24
SB-1125-13	Q3742-06	BP026221.D	12/03/2025	00:06
SB-1125-2	Q3742-10	BP026222.D	12/03/2025	00:47

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3742

Client ID : SSTDCCC040

Date Analyzed: 12/02/2025

Lab File ID: BF144398.D

Time Analyzed: 11:00

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	57181	6.863	207500	8.15	104779	9.90
UPPER LIMIT	114362	7.363	415000	8.645	209558	10.404
LOWER LIMIT	28590.5	6.363	103750	7.645	52389.5	9.404
EPA SAMPLE NO.						
01 PB170788BL	75254	6.86	293617	8.15	166700	9.90
02 PB170788BS	51216	6.86	193088	8.15	100931	9.90
03 SB-1125-23	48990	6.86	188700	8.15	105045	9.90
04 SB-1125-18	43495	6.86	159428	8.15	84264	9.90
05 SB-1125-20	47751	6.86	182737	8.15	97535	9.90
06 SB-1125-22	40154	6.86	152656	8.15	84285	9.90
07 SB-1125-1	49831	6.86	179096	8.15	91297	9.90
08 SB-1125-25	42309	6.86	155548	8.15	79867	9.90
09 SB-1125-24	40197	6.86	151185	8.15	77803	9.90

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3742

Client ID: SSTDCCC040

Date Analyzed: 12/02/2025

Lab File ID: BF144398.D

Time Analyzed: 11:00

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	165068	11.398	133342	14.051	190533	15.533
UPPER LIMIT	330136	11.898	266684	14.551	381066	16.033
LOWER LIMIT	82534	10.898	66671	13.551	95266.5	15.033
EPA SAMPLE NO.						
01 PB170788BL	270408	11.40	168046	14.05	227850	15.53
02 PB170788BS	153120	11.40	113296	14.05	148082	15.53
03 SB-1125-23	174584	11.39	109456	14.05	151141	15.53
04 SB-1125-18	125123	11.39	107178	14.05	138111	15.53
05 SB-1125-20	153495	11.39	114317	14.05	155142	15.53
06 SB-1125-22	125156	11.39	113462	14.05	140860	15.53
07 SB-1125-1	140874	11.39	132275	14.04	168845	15.53
08 SB-1125-25	121200	11.39	111428	14.05	142215	15.53
09 SB-1125-24	116737	11.39	105661	14.05	136950	15.53

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3742

Client ID : SSTDCCC040

Date Analyzed: 12/02/2025

Lab File ID: BP026207.D

Time Analyzed: 14:31

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	254761	7.661	1037370	10.43	667152	14.29
UPPER LIMIT	509522	8.161	2074740	10.925	1334300	14.79
LOWER LIMIT	127381	7.161	518685	9.925	333576	13.79
EPA SAMPLE NO.						
01 SB-1125-19	241817	7.66	973069	10.43	629073	14.29
02 SB-1125-19MS	267202	7.66	1189930	10.43	824727	14.30
03 SB-1125-19MSD	266018	7.66	1092230	10.43	691945	14.30
04 SB-1125-9	224192	7.66	1037380	10.42	805416	14.28
05 SB-1125-8	252451	7.66	1029960	10.43	659114	14.29
06 SB-1125-21	255687	7.65	1076980	10.43	769033	14.29
07 SB-1125-13	251684	7.66	962819	10.43	615377	14.30
08 SB-1125-2	225904	7.66	830523	10.43	498615	14.29

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3742

Client ID: SSTDCCC040

Date Analyzed: 12/02/2025

Lab File ID: BP026207.D

Time Analyzed: 14:31

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	1386120	17.095	1504000	21.542	1384240	24.848
UPPER LIMIT	2772240	17.595	3008000	22.042	2768480	25.348
LOWER LIMIT	693060	16.595	752000	21.042	692120	24.348
EPA SAMPLE NO.						
01 SB-1125-19	1276770	17.11	1306670	21.55	1576460	24.83
02 SB-1125-19MS	1668150	17.10	1445610	21.55	1664280	24.84
03 SB-1125-19MSD	1361970	17.10	1372770	21.54	1653200	24.84
04 SB-1125-9	1836000	17.08	1837080	21.54	1727620	24.84
05 SB-1125-8	1295470	17.10	1364770	21.54	1578690	24.84
06 SB-1125-21	1646390	17.09	1416710	21.54	1595600	24.86
07 SB-1125-13	1259000	17.10	1396520	21.53	1595310	24.84
08 SB-1125-2	999235	17.10	1248030	21.54	1507110	24.84

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client: Remington & Vernick	Date Collected:	
Project: Sadler Property	Date Received:	
Client Sample ID: PB170788BL	SDG No.:	Q3742
Lab Sample ID: PB170788BL	Matrix:	SOIL
Analytical Method: 8270E	% Solid:	100
Sample Wt/Vol: 30.03 g	Test:	SVOC-TCL BNA -20
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	160	U	1	160	330	ug/Kg	12/02/25 13:16	PB170788
108-95-2	Phenol	22.1	U	1	22.1	170	ug/Kg	12/02/25 13:16	PB170788
111-44-4	bis(2-Chloroethyl)ether	24.3	U	1	24.3	170	ug/Kg	12/02/25 13:16	PB170788
95-57-8	2-Chlorophenol	24.4	U	1	24.4	170	ug/Kg	12/02/25 13:16	PB170788
95-48-7	2-Methylphenol	29.9	U	1	29.9	170	ug/Kg	12/02/25 13:16	PB170788
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	1	37.5	170	ug/Kg	12/02/25 13:16	PB170788
98-86-2	Acetophenone	29.5	U	1	29.5	170	ug/Kg	12/02/25 13:16	PB170788
65794-96-9	3+4-Methylphenols	41.1	U	1	41.1	330	ug/Kg	12/02/25 13:16	PB170788
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	1	47.4	79.9	ug/Kg	12/02/25 13:16	PB170788
67-72-1	Hexachloroethane	17.6	U	1	17.6	170	ug/Kg	12/02/25 13:16	PB170788
98-95-3	Nitrobenzene	18.3	U	1	18.3	170	ug/Kg	12/02/25 13:16	PB170788
78-59-1	Isophorone	32.8	U	1	32.8	170	ug/Kg	12/02/25 13:16	PB170788
88-75-5	2-Nitrophenol	58.1	U	1	58.1	170	ug/Kg	12/02/25 13:16	PB170788
105-67-9	2,4-Dimethylphenol	64.7	U	1	64.7	170	ug/Kg	12/02/25 13:16	PB170788
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	1	30.8	170	ug/Kg	12/02/25 13:16	PB170788
120-83-2	2,4-Dichlorophenol	28.3	U	1	28.3	170	ug/Kg	12/02/25 13:16	PB170788
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	12/02/25 13:16	PB170788
106-47-8	4-Chloroaniline	35.4	U	1	35.4	170	ug/Kg	12/02/25 13:16	PB170788
87-68-3	Hexachlorobutadiene	25.3	U	1	25.3	170	ug/Kg	12/02/25 13:16	PB170788
105-60-2	Caprolactam	52.0	U	1	52.0	330	ug/Kg	12/02/25 13:16	PB170788
59-50-7	4-Chloro-3-methylphenol	28.7	U	1	28.7	170	ug/Kg	12/02/25 13:16	PB170788
91-57-6	2-Methylnaphthalene	25.6	U	1	25.6	170	ug/Kg	12/02/25 13:16	PB170788
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	12/02/25 13:16	PB170788
88-06-2	2,4,6-Trichlorophenol	19.8	U	1	19.8	170	ug/Kg	12/02/25 13:16	PB170788
95-95-4	2,4,5-Trichlorophenol	29.1	U	1	29.1	170	ug/Kg	12/02/25 13:16	PB170788
92-52-4	1,1-Biphenyl	21.8	U	1	21.8	170	ug/Kg	12/02/25 13:16	PB170788
91-58-7	2-Chloronaphthalene	22.5	U	1	22.5	170	ug/Kg	12/02/25 13:16	PB170788
88-74-4	2-Nitroaniline	48.1	U	1	48.1	170	ug/Kg	12/02/25 13:16	PB170788
131-11-3	Dimethylphthalate	27.1	U	1	27.1	170	ug/Kg	12/02/25 13:16	PB170788
208-96-8	Acenaphthylene	28.9	U	1	28.9	170	ug/Kg	12/02/25 13:16	PB170788
606-20-2	2,6-Dinitrotoluene	33.6	U	1	33.6	170	ug/Kg	12/02/25 13:16	PB170788
99-09-2	3-Nitroaniline	46.0	U	1	46.0	170	ug/Kg	12/02/25 13:16	PB170788
83-32-9	Acenaphthene	21.3	U	1	21.3	170	ug/Kg	12/02/25 13:16	PB170788
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	12/02/25 13:16	PB170788
100-02-7	4-Nitrophenol	110	U	1	110	330	ug/Kg	12/02/25 13:16	PB170788
132-64-9	Dibenzofuran	22.7	U	1	22.7	170	ug/Kg	12/02/25 13:16	PB170788
121-14-2	2,4-Dinitrotoluene	50.0	U	1	50.0	170	ug/Kg	12/02/25 13:16	PB170788
84-66-2	Diethylphthalate	28.3	U	1	28.3	170	ug/Kg	12/02/25 13:16	PB170788
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	1	26.7	170	ug/Kg	12/02/25 13:16	PB170788
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	12/02/25 13:16	PB170788
100-01-6	4-Nitroaniline	64.1	U	1	64.1	170	ug/Kg	12/02/25 13:16	PB170788
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	12/02/25 13:16	PB170788



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

Report of Analysis

Client:	Remington & Vernick		Date Collected:	
Project:	Sadler Property		Date Received:	
Client Sample ID:	PB170788BL		SDG No.:	Q3742
Lab Sample ID:	PB170788BL		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	32.9	U	1	32.9	170	ug/Kg	12/02/25 13:16	PB170788
101-55-3	4-Bromophenyl-phenylether	27.8	U	1	27.8	170	ug/Kg	12/02/25 13:16	PB170788
118-74-1	Hexachlorobenzene	25.3	U	1	25.3	170	ug/Kg	12/02/25 13:16	PB170788
1912-24-9	Atrazine	34.0	U	1	34.0	170	ug/Kg	12/02/25 13:16	PB170788
87-86-5	Pentachlorophenol	51.2	U	1	51.2	330	ug/Kg	12/02/25 13:16	PB170788
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	12/02/25 13:16	PB170788
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	12/02/25 13:16	PB170788
86-74-8	Carbazole	31.2	U	1	31.2	170	ug/Kg	12/02/25 13:16	PB170788
84-74-2	Di-n-butylphthalate	47.9	U	1	47.9	170	ug/Kg	12/02/25 13:16	PB170788
206-44-0	Fluoranthene	30.0	U	1	30.0	170	ug/Kg	12/02/25 13:16	PB170788
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	12/02/25 13:16	PB170788
85-68-7	Butylbenzylphthalate	71.3	U	1	71.3	170	ug/Kg	12/02/25 13:16	PB170788
91-94-1	3,3-Dichlorobenzidine	36.7	U	1	36.7	330	ug/Kg	12/02/25 13:16	PB170788
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	12/02/25 13:16	PB170788
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	12/02/25 13:16	PB170788
117-81-7	Bis(2-ethylhexyl)phthalate	59.1	U	1	59.1	170	ug/Kg	12/02/25 13:16	PB170788
117-84-0	Di-n-octyl phthalate	86.7	U	1	86.7	330	ug/Kg	12/02/25 13:16	PB170788
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	12/02/25 13:16	PB170788
207-08-9	Benzo(k)fluoranthene	22.4	U	1	22.4	170	ug/Kg	12/02/25 13:16	PB170788
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	12/02/25 13:16	PB170788
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	12/02/25 13:16	PB170788
53-70-3	Dibenzo(a,h)anthracene	27.4	U	1	27.4	170	ug/Kg	12/02/25 13:16	PB170788
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	12/02/25 13:16	PB170788
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	1	25.6	170	ug/Kg	12/02/25 13:16	PB170788
123-91-1	1,4-Dioxane	45.2	U	1	45.2	170	ug/Kg	12/02/25 13:16	PB170788
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	1	27.4	170	ug/Kg	12/02/25 13:16	PB170788

SURROGATES

367-12-4	2-Fluorophenol	82.6		10 - 105	55%	SPK: 150
13127-88-3	Phenol-d6	83.2		10 - 103	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	54.9		10 - 108	55%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.6		10 - 108	54%	SPK: 100
118-79-6	2,4,6-Tribromophenol	74.0		10 - 116	49%	SPK: 150
1718-51-0	Terphenyl-d14	54.1		10 - 109	54%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	75300
1146-65-2	Naphthalene-d8	294000
15067-26-2	Acenaphthene-d10	167000
1517-22-2	Phenanthrene-d10	270000
1719-03-5	Chrysene-d12	168000
1520-96-3	Perylene-d12	228000

Report of Analysis

Client:	Remington & Vernick		Date Collected:	
Project:	Sadler Property		Date Received:	
Client Sample ID:	PB170788BL		SDG No.:	Q3742
Lab Sample ID:	PB170788BL		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 12/02/25		

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

Report of Analysis

Client: Remington & Vernick	Date Collected:	
Project: Sadler Property	Date Received:	
Client Sample ID: PB170788BS	SDG No.:	Q3742
Lab Sample ID: PB170788BS	Matrix:	SOIL
Analytical Method: 8270E	% Solid:	100
Sample Wt/Vol: 30.01 g	Test:	SVOC-TCL BNA -20
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	1200	1	160		330	ug/Kg	12/02/25 13:47	PB170788
108-95-2	Phenol	1300	1	22.1		170	ug/Kg	12/02/25 13:47	PB170788
111-44-4	bis(2-Chloroethyl)ether	1400	1	24.3		170	ug/Kg	12/02/25 13:47	PB170788
95-57-8	2-Chlorophenol	1400	1	24.4		170	ug/Kg	12/02/25 13:47	PB170788
95-48-7	2-Methylphenol	1400	1	29.9		170	ug/Kg	12/02/25 13:47	PB170788
108-60-1	2,2-oxybis(1-Chloropropane)	1400	1	37.5		170	ug/Kg	12/02/25 13:47	PB170788
98-86-2	Acetophenone	1500	1	29.5		170	ug/Kg	12/02/25 13:47	PB170788
65794-96-9	3+4-Methylphenols	1400	1	41.1		330	ug/Kg	12/02/25 13:47	PB170788
621-64-7	n-Nitroso-di-n-propylamine	1300	1	47.4		80.0	ug/Kg	12/02/25 13:47	PB170788
67-72-1	Hexachloroethane	1400	1	17.6		170	ug/Kg	12/02/25 13:47	PB170788
98-95-3	Nitrobenzene	1400	1	18.3		170	ug/Kg	12/02/25 13:47	PB170788
78-59-1	Isophorone	1400	1	32.8		170	ug/Kg	12/02/25 13:47	PB170788
88-75-5	2-Nitrophenol	1500	1	58.2		170	ug/Kg	12/02/25 13:47	PB170788
105-67-9	2,4-Dimethylphenol	1500	1	64.8		170	ug/Kg	12/02/25 13:47	PB170788
111-91-1	bis(2-Chloroethoxy)methane	1400	1	30.8		170	ug/Kg	12/02/25 13:47	PB170788
120-83-2	2,4-Dichlorophenol	1300	1	28.3		170	ug/Kg	12/02/25 13:47	PB170788
91-20-3	Naphthalene	1400	1	22.7		170	ug/Kg	12/02/25 13:47	PB170788
106-47-8	4-Chloroaniline	770	1	35.4		170	ug/Kg	12/02/25 13:47	PB170788
87-68-3	Hexachlorobutadiene	1300	1	25.3		170	ug/Kg	12/02/25 13:47	PB170788
105-60-2	Caprolactam	1300	1	52.1		330	ug/Kg	12/02/25 13:47	PB170788
59-50-7	4-Chloro-3-methylphenol	1300	1	28.7		170	ug/Kg	12/02/25 13:47	PB170788
91-57-6	2-Methylnaphthalene	1200	1	25.6		170	ug/Kg	12/02/25 13:47	PB170788
77-47-4	Hexachlorocyclopentadiene	2500	1	120		330	ug/Kg	12/02/25 13:47	PB170788
88-06-2	2,4,6-Trichlorophenol	1300	1	19.8		170	ug/Kg	12/02/25 13:47	PB170788
95-95-4	2,4,5-Trichlorophenol	1300	1	29.1		170	ug/Kg	12/02/25 13:47	PB170788
92-52-4	1,1-Biphenyl	1600	1	21.8		170	ug/Kg	12/02/25 13:47	PB170788
91-58-7	2-Chloronaphthalene	1400	1	22.5		170	ug/Kg	12/02/25 13:47	PB170788
88-74-4	2-Nitroaniline	1400	1	48.1		170	ug/Kg	12/02/25 13:47	PB170788
131-11-3	Dimethylphthalate	1400	1	27.1		170	ug/Kg	12/02/25 13:47	PB170788
208-96-8	Acenaphthylene	1500	1	28.9		170	ug/Kg	12/02/25 13:47	PB170788
606-20-2	2,6-Dinitrotoluene	1500	1	33.6		170	ug/Kg	12/02/25 13:47	PB170788
99-09-2	3-Nitroaniline	950	1	46.0		170	ug/Kg	12/02/25 13:47	PB170788
83-32-9	Acenaphthene	1300	1	21.3		170	ug/Kg	12/02/25 13:47	PB170788
51-28-5	2,4-Dinitrophenol	2400	1	230		330	ug/Kg	12/02/25 13:47	PB170788
100-02-7	4-Nitrophenol	1900	1	110		330	ug/Kg	12/02/25 13:47	PB170788
132-64-9	Dibenzofuran	1400	1	22.7		170	ug/Kg	12/02/25 13:47	PB170788
121-14-2	2,4-Dinitrotoluene	1400	1	50.1		170	ug/Kg	12/02/25 13:47	PB170788
84-66-2	Diethylphthalate	1300	1	28.3		170	ug/Kg	12/02/25 13:47	PB170788
7005-72-3	4-Chlorophenyl-phenylether	1300	1	26.7		170	ug/Kg	12/02/25 13:47	PB170788
86-73-7	Fluorene	1400	1	25.3		170	ug/Kg	12/02/25 13:47	PB170788
100-01-6	4-Nitroaniline	1200	1	64.2		170	ug/Kg	12/02/25 13:47	PB170788
534-52-1	4,6-Dinitro-2-methylphenol	1300	1	100		330	ug/Kg	12/02/25 13:47	PB170788

Report of Analysis

Client: Remington & Vernick	Date Collected:	
Project: Sadler Property	Date Received:	
Client Sample ID: PB170788BS	SDG No.:	Q3742
Lab Sample ID: PB170788BS	Matrix:	SOIL
Analytical Method: 8270E	% Solid:	100
Sample Wt/Vol: 30.01 g	Test:	SVOC-TCL BNA -20
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1500	1	32.9		170	ug/Kg	12/02/25 13:47	PB170788
101-55-3	4-Bromophenyl-phenylether	1400	1	27.8		170	ug/Kg	12/02/25 13:47	PB170788
118-74-1	Hexachlorobenzene	1400	1	25.3		170	ug/Kg	12/02/25 13:47	PB170788
1912-24-9	Atrazine	1400	1	34.0		170	ug/Kg	12/02/25 13:47	PB170788
87-86-5	Pentachlorophenol	2600	1	51.3		330	ug/Kg	12/02/25 13:47	PB170788
85-01-8	Phenanthrene	1400	1	20.9		170	ug/Kg	12/02/25 13:47	PB170788
120-12-7	Anthracene	1500	1	33.3		170	ug/Kg	12/02/25 13:47	PB170788
86-74-8	Carbazole	1400	1	31.2		170	ug/Kg	12/02/25 13:47	PB170788
84-74-2	Di-n-butylphthalate	1400	1	47.9		170	ug/Kg	12/02/25 13:47	PB170788
206-44-0	Fluoranthene	1400	1	30.0		170	ug/Kg	12/02/25 13:47	PB170788
129-00-0	Pyrene	1200	1	36.0		170	ug/Kg	12/02/25 13:47	PB170788
85-68-7	Butylbenzylphthalate	1300	1	71.4		170	ug/Kg	12/02/25 13:47	PB170788
91-94-1	3,3-Dichlorobenzidine	1200	1	36.7		330	ug/Kg	12/02/25 13:47	PB170788
56-55-3	Benzo(a)anthracene	1500	1	23.0		170	ug/Kg	12/02/25 13:47	PB170788
218-01-9	Chrysene	1400	1	19.9		170	ug/Kg	12/02/25 13:47	PB170788
117-81-7	Bis(2-ethylhexyl)phthalate	1400	1	59.2		170	ug/Kg	12/02/25 13:47	PB170788
117-84-0	Di-n-octyl phthalate	1500	1	86.8		330	ug/Kg	12/02/25 13:47	PB170788
205-99-2	Benzo(b)fluoranthene	1500	1	19.0		170	ug/Kg	12/02/25 13:47	PB170788
207-08-9	Benzo(k)fluoranthene	1600	1	22.4		170	ug/Kg	12/02/25 13:47	PB170788
50-32-8	Benzo(a)pyrene	1600	1	29.5		170	ug/Kg	12/02/25 13:47	PB170788
193-39-5	Indeno(1,2,3-cd)pyrene	1400	1	29.1		170	ug/Kg	12/02/25 13:47	PB170788
53-70-3	Dibenzo(a,h)anthracene	1500	1	27.4		170	ug/Kg	12/02/25 13:47	PB170788
191-24-2	Benzo(g,h,i)perylene	1500	1	25.7		170	ug/Kg	12/02/25 13:47	PB170788
95-94-3	1,2,4,5-Tetrachlorobenzene	1500	1	25.6		170	ug/Kg	12/02/25 13:47	PB170788
123-91-1	1,4-Dioxane	1400	1	45.2		170	ug/Kg	12/02/25 13:47	PB170788
58-90-2	2,3,4,6-Tetrachlorophenol	1400	1	27.4		170	ug/Kg	12/02/25 13:47	PB170788

SURROGATES

367-12-4	2-Fluorophenol	112		10 - 105	75%	SPK: 150
13127-88-3	Phenol-d6	112		10 - 103	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.7		10 - 108	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.5		10 - 108	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	108		10 - 116	72%	SPK: 150
1718-51-0	Terphenyl-d14	70.4		10 - 109	70%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	51200
1146-65-2	Naphthalene-d8	193000
15067-26-2	Acenaphthene-d10	101000
1517-22-2	Phenanthrene-d10	153000
1719-03-5	Chrysene-d12	113000
1520-96-3	Perylene-d12	148000

Report of Analysis

Client:	Remington & Vernick	Date Collected:	
Project:	Sadler Property	Date Received:	
Client Sample ID:	PB170788BS	SDG No.:	Q3742
Lab Sample ID:	PB170788BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.01 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/02/25		

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

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-19MS	SDG No.: Q3742	
Lab Sample ID: Q3742-02MS	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 40.9	
Sample Wt/Vol: 30.02 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4200		1	380	810	ug/Kg	12/02/25 20:40	PB170788
108-95-2	Phenol	3500		1	54.0	420	ug/Kg	12/02/25 20:40	PB170788
111-44-4	bis(2-Chloroethyl)ether	3200		1	59.4	420	ug/Kg	12/02/25 20:40	PB170788
95-57-8	2-Chlorophenol	3500		1	59.6	420	ug/Kg	12/02/25 20:40	PB170788
95-48-7	2-Methylphenol	3600		1	73.1	420	ug/Kg	12/02/25 20:40	PB170788
108-60-1	2,2-oxybis(1-Chloropropane)	3200		1	91.6	420	ug/Kg	12/02/25 20:40	PB170788
98-86-2	Acetophenone	3100		1	72.1	420	ug/Kg	12/02/25 20:40	PB170788
65794-96-9	3+4-Methylphenols	3500		1	100	810	ug/Kg	12/02/25 20:40	PB170788
621-64-7	n-Nitroso-di-n-propylamine	3300		1	120	200	ug/Kg	12/02/25 20:40	PB170788
67-72-1	Hexachloroethane	3300		1	43.0	420	ug/Kg	12/02/25 20:40	PB170788
98-95-3	Nitrobenzene	3100		1	44.7	420	ug/Kg	12/02/25 20:40	PB170788
78-59-1	Isophorone	3100		1	80.1	420	ug/Kg	12/02/25 20:40	PB170788
88-75-5	2-Nitrophenol	3300		1	140	420	ug/Kg	12/02/25 20:40	PB170788
105-67-9	2,4-Dimethylphenol	3300		1	160	420	ug/Kg	12/02/25 20:40	PB170788
111-91-1	bis(2-Chloroethoxy)methane	3100		1	75.3	420	ug/Kg	12/02/25 20:40	PB170788
120-83-2	2,4-Dichlorophenol	3500		1	69.1	420	ug/Kg	12/02/25 20:40	PB170788
91-20-3	Naphthalene	3200		1	55.5	420	ug/Kg	12/02/25 20:40	PB170788
106-47-8	4-Chloroaniline	820		1	86.5	420	ug/Kg	12/02/25 20:40	PB170788
87-68-3	Hexachlorobutadiene	3300		1	61.8	420	ug/Kg	12/02/25 20:40	PB170788
105-60-2	Caprolactam	3200		1	130	810	ug/Kg	12/02/25 20:40	PB170788
59-50-7	4-Chloro-3-methylphenol	3400		1	70.1	420	ug/Kg	12/02/25 20:40	PB170788
91-57-6	2-Methylnaphthalene	3000		1	62.6	420	ug/Kg	12/02/25 20:40	PB170788
77-47-4	Hexachlorocyclopentadiene	5800		1	280	810	ug/Kg	12/02/25 20:40	PB170788
88-06-2	2,4,6-Trichlorophenol	3300		1	48.4	420	ug/Kg	12/02/25 20:40	PB170788
95-95-4	2,4,5-Trichlorophenol	3300		1	71.1	420	ug/Kg	12/02/25 20:40	PB170788
92-52-4	1,1-Biphenyl	3100		1	53.3	420	ug/Kg	12/02/25 20:40	PB170788
91-58-7	2-Chloronaphthalene	3100		1	55.0	420	ug/Kg	12/02/25 20:40	PB170788
88-74-4	2-Nitroaniline	3200		1	120	420	ug/Kg	12/02/25 20:40	PB170788
131-11-3	Dimethylphthalate	3200		1	66.2	420	ug/Kg	12/02/25 20:40	PB170788
208-96-8	Acenaphthylene	3200		1	70.6	420	ug/Kg	12/02/25 20:40	PB170788
606-20-2	2,6-Dinitrotoluene	3400		1	82.1	420	ug/Kg	12/02/25 20:40	PB170788
99-09-2	3-Nitroaniline	1500		1	110	420	ug/Kg	12/02/25 20:40	PB170788
83-32-9	Acenaphthene	3100		1	52.0	420	ug/Kg	12/02/25 20:40	PB170788
51-28-5	2,4-Dinitrophenol	6800	E	1	560	810	ug/Kg	12/02/25 20:40	PB170788
100-02-7	4-Nitrophenol	5800		1	260	810	ug/Kg	12/02/25 20:40	PB170788
132-64-9	Dibenzofuran	3200		1	55.5	420	ug/Kg	12/02/25 20:40	PB170788
121-14-2	2,4-Dinitrotoluene	3200		1	120	420	ug/Kg	12/02/25 20:40	PB170788
84-66-2	Diethylphthalate	3200		1	69.1	420	ug/Kg	12/02/25 20:40	PB170788
7005-72-3	4-Chlorophenyl-phenylether	3200		1	65.2	420	ug/Kg	12/02/25 20:40	PB170788
86-73-7	Fluorene	3300		1	61.8	420	ug/Kg	12/02/25 20:40	PB170788
100-01-6	4-Nitroaniline	2600		1	160	420	ug/Kg	12/02/25 20:40	PB170788
534-52-1	4,6-Dinitro-2-methylphenol	3200		1	250	810	ug/Kg	12/02/25 20:40	PB170788



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

Report of Analysis

Client:	Remington & Vernick		Date Collected:	11/25/25
Project:	Sadler Property		Date Received:	11/26/25
Client Sample ID:	SB-1125-19MS		SDG No.:	Q3742
Lab Sample ID:	Q3742-02MS		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	40.9
Sample Wt/Vol:	30.02 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	3200	1	80.4		420	ug/Kg	12/02/25 20:40	PB170788
101-55-3	4-Bromophenyl-phenylether	3400	1	67.9		420	ug/Kg	12/02/25 20:40	PB170788
118-74-1	Hexachlorobenzene	3300	1	61.8		420	ug/Kg	12/02/25 20:40	PB170788
1912-24-9	Atrazine	3200	1	83.1		420	ug/Kg	12/02/25 20:40	PB170788
87-86-5	Pentachlorophenol	6400	1	130		810	ug/Kg	12/02/25 20:40	PB170788
85-01-8	Phenanthrene	3300	1	51.1		420	ug/Kg	12/02/25 20:40	PB170788
120-12-7	Anthracene	3200	1	81.4		420	ug/Kg	12/02/25 20:40	PB170788
86-74-8	Carbazole	3000	1	76.2		420	ug/Kg	12/02/25 20:40	PB170788
84-74-2	Di-n-butylphthalate	3300	1	120		420	ug/Kg	12/02/25 20:40	PB170788
206-44-0	Fluoranthene	3100	1	73.3		420	ug/Kg	12/02/25 20:40	PB170788
129-00-0	Pyrene	3900	1	88.0		420	ug/Kg	12/02/25 20:40	PB170788
85-68-7	Butylbenzylphthalate	3500	1	170		420	ug/Kg	12/02/25 20:40	PB170788
91-94-1	3,3-Dichlorobenzidine	860	1	89.7		810	ug/Kg	12/02/25 20:40	PB170788
56-55-3	Benzo(a)anthracene	3300	1	56.2		420	ug/Kg	12/02/25 20:40	PB170788
218-01-9	Chrysene	3400	1	48.6		420	ug/Kg	12/02/25 20:40	PB170788
117-81-7	Bis(2-ethylhexyl)phthalate	2400	1	140		420	ug/Kg	12/02/25 20:40	PB170788
117-84-0	Di-n-octyl phthalate	3200	1	210		810	ug/Kg	12/02/25 20:40	PB170788
205-99-2	Benzo(b)fluoranthene	3400	1	46.4		420	ug/Kg	12/02/25 20:40	PB170788
207-08-9	Benzo(k)fluoranthene	3400	1	54.7		420	ug/Kg	12/02/25 20:40	PB170788
50-32-8	Benzo(a)pyrene	3500	1	72.1		420	ug/Kg	12/02/25 20:40	PB170788
193-39-5	Indeno(1,2,3-cd)pyrene	3300	1	71.1		420	ug/Kg	12/02/25 20:40	PB170788
53-70-3	Dibenzo(a,h)anthracene	3300	1	66.9		420	ug/Kg	12/02/25 20:40	PB170788
191-24-2	Benzo(g,h,i)perylene	3400	1	62.8		420	ug/Kg	12/02/25 20:40	PB170788
95-94-3	1,2,4,5-Tetrachlorobenzene	3200	1	62.6		420	ug/Kg	12/02/25 20:40	PB170788
123-91-1	1,4-Dioxane	2400	1	110		420	ug/Kg	12/02/25 20:40	PB170788
58-90-2	2,3,4,6-Tetrachlorophenol	3500	1	66.9		420	ug/Kg	12/02/25 20:40	PB170788

SURROGATES

367-12-4	2-Fluorophenol	79.5		10 - 105	53%	SPK: 150
13127-88-3	Phenol-d6	81.1		10 - 103	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	47.9		10 - 108	48%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.8		10 - 108	47%	SPK: 100
118-79-6	2,4,6-Tribromophenol	77.1		10 - 116	51%	SPK: 150
1718-51-0	Terphenyl-d14	55.8		10 - 109	56%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	267000
1146-65-2	Naphthalene-d8	1190000
15067-26-2	Acenaphthene-d10	825000
1517-22-2	Phenanthrene-d10	1670000
1719-03-5	Chrysene-d12	1450000
1520-96-3	Perylene-d12	1660000

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Sadler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-19MS	SDG No.:	Q3742
Lab Sample ID:	Q3742-02MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	40.9
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.02 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/02/25		

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

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Sadler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-19MSD	SDG No.: Q3742	
Lab Sample ID: Q3742-02MSD	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 40.9	
Sample Wt/Vol: 30.04 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4400		1	380	810	ug/Kg	12/02/25 21:21	PB170788
108-95-2	Phenol	3600		1	54.0	420	ug/Kg	12/02/25 21:21	PB170788
111-44-4	bis(2-Chloroethyl)ether	3400		1	59.3	420	ug/Kg	12/02/25 21:21	PB170788
95-57-8	2-Chlorophenol	3700		1	59.6	420	ug/Kg	12/02/25 21:21	PB170788
95-48-7	2-Methylphenol	3600		1	73.0	420	ug/Kg	12/02/25 21:21	PB170788
108-60-1	2,2-oxybis(1-Chloropropane)	3300		1	91.6	420	ug/Kg	12/02/25 21:21	PB170788
98-86-2	Acetophenone	3400		1	72.0	420	ug/Kg	12/02/25 21:21	PB170788
65794-96-9	3+4-Methylphenols	3500		1	100	810	ug/Kg	12/02/25 21:21	PB170788
621-64-7	n-Nitroso-di-n-propylamine	3300		1	120	200	ug/Kg	12/02/25 21:21	PB170788
67-72-1	Hexachloroethane	3600		1	43.0	420	ug/Kg	12/02/25 21:21	PB170788
98-95-3	Nitrobenzene	3400		1	44.7	420	ug/Kg	12/02/25 21:21	PB170788
78-59-1	Isophorone	3300		1	80.1	420	ug/Kg	12/02/25 21:21	PB170788
88-75-5	2-Nitrophenol	3600		1	140	420	ug/Kg	12/02/25 21:21	PB170788
105-67-9	2,4-Dimethylphenol	3500		1	160	420	ug/Kg	12/02/25 21:21	PB170788
111-91-1	bis(2-Chloroethoxy)methane	3300		1	75.2	420	ug/Kg	12/02/25 21:21	PB170788
120-83-2	2,4-Dichlorophenol	3700		1	69.1	420	ug/Kg	12/02/25 21:21	PB170788
91-20-3	Naphthalene	3400		1	55.4	420	ug/Kg	12/02/25 21:21	PB170788
106-47-8	4-Chloroaniline	940		1	86.4	420	ug/Kg	12/02/25 21:21	PB170788
87-68-3	Hexachlorobutadiene	3700		1	61.8	420	ug/Kg	12/02/25 21:21	PB170788
105-60-2	Caprolactam	3200		1	130	810	ug/Kg	12/02/25 21:21	PB170788
59-50-7	4-Chloro-3-methylphenol	3500		1	70.1	420	ug/Kg	12/02/25 21:21	PB170788
91-57-6	2-Methylnaphthalene	3100		1	62.5	420	ug/Kg	12/02/25 21:21	PB170788
77-47-4	Hexachlorocyclopentadiene	6800	E	1	280	810	ug/Kg	12/02/25 21:21	PB170788
88-06-2	2,4,6-Trichlorophenol	3700		1	48.3	420	ug/Kg	12/02/25 21:21	PB170788
95-95-4	2,4,5-Trichlorophenol	3600		1	71.1	420	ug/Kg	12/02/25 21:21	PB170788
92-52-4	1,1-Biphenyl	3500		1	53.2	420	ug/Kg	12/02/25 21:21	PB170788
91-58-7	2-Chloronaphthalene	3500		1	54.9	420	ug/Kg	12/02/25 21:21	PB170788
88-74-4	2-Nitroaniline	3400		1	120	420	ug/Kg	12/02/25 21:21	PB170788
131-11-3	Dimethylphthalate	3400		1	66.2	420	ug/Kg	12/02/25 21:21	PB170788
208-96-8	Acenaphthylene	3600		1	70.6	420	ug/Kg	12/02/25 21:21	PB170788
606-20-2	2,6-Dinitrotoluene	3800		1	82.0	420	ug/Kg	12/02/25 21:21	PB170788
99-09-2	3-Nitroaniline	1600		1	110	420	ug/Kg	12/02/25 21:21	PB170788
83-32-9	Acenaphthene	3400		1	52.0	420	ug/Kg	12/02/25 21:21	PB170788
51-28-5	2,4-Dinitrophenol	7000	E	1	560	810	ug/Kg	12/02/25 21:21	PB170788
100-02-7	4-Nitrophenol	6300		1	260	810	ug/Kg	12/02/25 21:21	PB170788
132-64-9	Dibenzofuran	3500		1	55.4	420	ug/Kg	12/02/25 21:21	PB170788
121-14-2	2,4-Dinitrotoluene	3500		1	120	420	ug/Kg	12/02/25 21:21	PB170788
84-66-2	Diethylphthalate	3400		1	69.1	420	ug/Kg	12/02/25 21:21	PB170788
7005-72-3	4-Chlorophenyl-phenylether	3500		1	65.2	420	ug/Kg	12/02/25 21:21	PB170788
86-73-7	Fluorene	3500		1	61.8	420	ug/Kg	12/02/25 21:21	PB170788
100-01-6	4-Nitroaniline	2700		1	160	420	ug/Kg	12/02/25 21:21	PB170788
534-52-1	4,6-Dinitro-2-methylphenol	3400		1	250	810	ug/Kg	12/02/25 21:21	PB170788

Report of Analysis

Client:	Remington & Vernick		Date Collected:	11/25/25
Project:	Sadler Property		Date Received:	11/26/25
Client Sample ID:	SB-1125-19MSD		SDG No.:	Q3742
Lab Sample ID:	Q3742-02MSD		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	40.9
Sample Wt/Vol:	30.04 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 12/02/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	3600		1	80.3	420	ug/Kg	12/02/25 21:21	PB170788
101-55-3	4-Bromophenyl-phenylether	3700		1	67.9	420	ug/Kg	12/02/25 21:21	PB170788
118-74-1	Hexachlorobenzene	3700		1	61.8	420	ug/Kg	12/02/25 21:21	PB170788
1912-24-9	Atrazine	3500		1	83.0	420	ug/Kg	12/02/25 21:21	PB170788
87-86-5	Pentachlorophenol	7100	E	1	130	810	ug/Kg	12/02/25 21:21	PB170788
85-01-8	Phenanthrene	3600		1	51.0	420	ug/Kg	12/02/25 21:21	PB170788
120-12-7	Anthracene	3600		1	81.3	420	ug/Kg	12/02/25 21:21	PB170788
86-74-8	Carbazole	3400		1	76.2	420	ug/Kg	12/02/25 21:21	PB170788
84-74-2	Di-n-butylphthalate	3500		1	120	420	ug/Kg	12/02/25 21:21	PB170788
206-44-0	Fluoranthene	3600		1	73.3	420	ug/Kg	12/02/25 21:21	PB170788
129-00-0	Pyrene	3900		1	87.9	420	ug/Kg	12/02/25 21:21	PB170788
85-68-7	Butylbenzylphthalate	3600		1	170	420	ug/Kg	12/02/25 21:21	PB170788
91-94-1	3,3-Dichlorobenzidine	950		1	89.6	810	ug/Kg	12/02/25 21:21	PB170788
56-55-3	Benzo(a)anthracene	3500		1	56.2	420	ug/Kg	12/02/25 21:21	PB170788
218-01-9	Chrysene	3800		1	48.6	420	ug/Kg	12/02/25 21:21	PB170788
117-81-7	Bis(2-ethylhexyl)phthalate	2200		1	140	420	ug/Kg	12/02/25 21:21	PB170788
117-84-0	Di-n-octyl phthalate	3500		1	210	810	ug/Kg	12/02/25 21:21	PB170788
205-99-2	Benzo(b)fluoranthene	3700		1	46.4	420	ug/Kg	12/02/25 21:21	PB170788
207-08-9	Benzo(k)fluoranthene	3700		1	54.7	420	ug/Kg	12/02/25 21:21	PB170788
50-32-8	Benzo(a)pyrene	3800		1	72.0	420	ug/Kg	12/02/25 21:21	PB170788
193-39-5	Indeno(1,2,3-cd)pyrene	3600		1	71.1	420	ug/Kg	12/02/25 21:21	PB170788
53-70-3	Dibenzo(a,h)anthracene	3600		1	66.9	420	ug/Kg	12/02/25 21:21	PB170788
191-24-2	Benzo(g,h,i)perylene	3600		1	62.8	420	ug/Kg	12/02/25 21:21	PB170788
95-94-3	1,2,4,5-Tetrachlorobenzene	3600		1	62.5	420	ug/Kg	12/02/25 21:21	PB170788
123-91-1	1,4-Dioxane	3100		1	110	420	ug/Kg	12/02/25 21:21	PB170788
58-90-2	2,3,4,6-Tetrachlorophenol	3800		1	66.9	420	ug/Kg	12/02/25 21:21	PB170788

SURROGATES

367-12-4	2-Fluorophenol	83.4			10 - 105	56%	SPK: 150
13127-88-3	Phenol-d6	82.2			10 - 103	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	52.6			10 - 108	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.5			10 - 108	53%	SPK: 100
118-79-6	2,4,6-Tribromophenol	82.8			10 - 116	55%	SPK: 150
1718-51-0	Terphenyl-d14	56.1			10 - 109	56%	SPK: 100

INTERNAL STANDARDS

		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	266000
1146-65-2	Naphthalene-d8	1090000
15067-26-2	Acenaphthene-d10	692000
1517-22-2	Phenanthrene-d10	1360000
1719-03-5	Chrysene-d12	1370000
1520-96-3	Perylene-d12	1650000



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

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Sadler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-19MSD	SDG No.:	Q3742
Lab Sample ID:	Q3742-02MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	40.9
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.04 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/02/25		

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

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 =BF144176.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)	Benzydine	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)	Butzo(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

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP111825.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Nov 19 01:25:31 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BP026143.D 5 =BP026144.D 10 =BP026145.D 20 =BP026146.D 40 =BP026147.D 50 =BP026148.D 60 =BP026149.D 80 =BP026150.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.507	0.520	0.524	0.487	0.502	0.505	0.494	0.505	2.61	
3)	Pyridine	1.401	1.459	1.510	1.445	1.485	1.466	1.458	1.461	2.32	
4)	n-Nitrosodimet...		0.535	0.560	0.540	0.552	0.549	0.540	0.546	1.75	
5) S	2-Fluorophenol	1.193	1.249	1.277	1.245	1.255	1.258	1.245	1.246	2.08	
6)	Aniline	1.953	2.050	2.154	2.122	2.138	2.127	2.117	2.094	3.36	
7) S	Phenol-d6	1.465	1.564	1.623	1.617	1.632	1.606	1.596	1.586	3.64	
8)	2-Chlorophenol	1.318	1.398	1.438	1.431	1.452	1.439	1.453	1.418	3.37	
9)	Benzaldehyde		0.963	0.899	0.922	0.719	0.812	0.673	0.831	14.04	
10) C	Phenol	1.570	1.658	1.757	1.746	1.759	1.742	1.729	1.709	4.12	
11)	bis(2-Chloroet...	1.252	1.334	1.368	1.361	1.363	1.338	1.350	1.338	3.00	
12)	1,3-Dichlorobe...	1.511	1.526	1.570	1.525	1.528	1.518	1.518	1.528	1.28	
13) C	1,4-Dichlorobe...	1.495	1.547	1.589	1.540	1.546	1.532	1.530	1.540	1.81	
14)	1,2-Dichlorobe...	1.453	1.482	1.521	1.479	1.480	1.470	1.464	1.479	1.46	
15)	Benzyl Alcohol		1.074	1.181	1.187	1.194	1.164	1.173	1.162	3.82	
16)	2,2'-oxybis(1-...	1.769	1.841	1.961	1.914	1.924	1.852	1.892	1.879	3.40	
17)	2-Methylphenol	1.067	1.126	1.191	1.195	1.202	1.180	1.182	1.163	4.25	
18)	Hexachloroethane	0.527	0.559	0.569	0.565	0.565	0.557	0.581	0.560	2.99	
19) P	n-Nitroso-di-n...	0.937	0.899	0.960	1.063	1.024	1.039	0.975	0.986	0.985	5.53
20)	3+4-Methylphenols		1.530	1.656	1.624	1.648	1.601	1.613	1.612	2.82	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.497	0.521	0.530	0.507	0.504	0.507	0.493	0.508	2.58	
23) S	Nitrobenzene-d5	0.335	0.357	0.362	0.355	0.351	0.355	0.349	0.352	2.39	
24)	Nitrobenzene	0.339	0.356	0.368	0.359	0.357	0.360	0.354	0.356	2.50	
25)	Isophorone	0.655	0.693	0.736	0.710	0.710	0.686	0.697	0.698	3.57	
26) C	2-Nitrophenol	0.152	0.164	0.182	0.189	0.189	0.192	0.193	0.180	8.87	
27)	2,4-Dimethylph...	0.305	0.327	0.337	0.328	0.328	0.327	0.323	0.325	3.06	
28)	bis(2-Chloroet...	0.425	0.439	0.454	0.439	0.442	0.426	0.436	0.437	2.28	
29) C	2,4-Dichloroph...	0.298	0.322	0.335	0.331	0.330	0.330	0.328	0.325	3.81	
30)	1,2,4-Trichlor...	0.331	0.337	0.337	0.330	0.325	0.328	0.328	0.331	1.36	
31)	Naphthalene	1.080	1.114	1.115	1.073	1.073	1.059	1.052	1.081	2.30	
32)	Benzoic acid		0.209	0.268	0.276	0.276	0.329	0.285	0.274	14.03	
33)	4-Chloroaniline	0.429	0.461	0.479	0.472	0.463	0.458	0.457	0.460	3.45	
34) C	Hexachlorobuta...	0.213	0.218	0.219	0.215	0.211	0.212	0.219	0.215	1.65	
35)	Caprolactam		0.113	0.123	0.117	0.118	0.114	0.113	0.116	3.36	
36) C	4-Chloro-3-met...	0.314	0.342	0.366	0.354	0.356	0.344	0.342	0.345	4.75	
37)	2-Methylnaphth...	0.732	0.791	0.804	0.773	0.773	0.746	0.744	0.766	3.47	
38)	1-Methylnaphth...	0.735	0.767	0.785	0.763	0.746	0.729	0.719	0.749	3.17	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP111825.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.607	0.610	0.613	0.597	0.594	0.610	0.603	0.605	1.19
41) P	Hexachlorocycl...		0.347	0.382	0.396	0.396	0.418	0.436	0.396	7.76
42) S	2,4,6-Tribromo...	0.241	0.253	0.273	0.264	0.262	0.260	0.262	0.259	3.87
43) C	2,4,6-Trichlor...	0.380	0.404	0.431	0.420	0.420	0.426	0.420	0.415	4.21
44)	2,4,5-Trichlor...	0.428	0.454	0.482	0.467	0.469	0.473	0.468	0.463	3.72
45) S	2-Fluorobiphenyl	1.430	1.442	1.453	1.337	1.317	1.325	1.249	1.365	5.68
46)	1,1'-Biphenyl	1.499	1.540	1.580	1.489	1.469	1.504	1.460	1.506	2.78
47)	2-Chloronaphth...	1.167	1.215	1.217	1.169	1.164	1.195	1.162	1.184	2.04
48)	2-Nitroaniline	0.289	0.310	0.345	0.338	0.336	0.349	0.339	0.329	6.58
49)	Acenaphthylene	1.890	1.987	2.051	1.947	1.943	1.951	1.906	1.953	2.74
50)	Dimethylphthalate	1.470	1.517	1.573	1.494	1.470	1.470	1.462	1.494	2.66
51)	2,6-Dinitrotol...	0.235	0.267	0.310	0.315	0.312	0.313	0.319	0.296	10.85
52) C	Acenaphthene	1.139	1.182	1.180	1.138	1.141	1.153	1.081	1.145	2.95
53)	3-Nitroaniline	0.286	0.330	0.368	0.362	0.364	0.368	0.362	0.349	8.74
54) P	2,4-Dinitrophenol		0.124	0.174	0.186	0.187	0.194	0.208	0.179	16.32
55)	Dibenzofuran	1.779	1.832	1.880	1.765	1.763	1.738	1.654	1.773	4.02
56) P	4-Nitrophenol		0.290	0.331	0.316	0.314	0.324	0.317	0.315	4.47
57)	2,4-Dinitrotol...	0.362	0.407	0.469	0.467	0.464	0.465	0.459	0.442	9.40
58)	Fluorene	1.447	1.490	1.500	1.380	1.374	1.351	1.267	1.401	5.94
59)	2,3,4,6-Tetrac...	0.361	0.391	0.409	0.400	0.397	0.396	0.394	0.393	3.80
60)	Diethylphthalate	1.493	1.507	1.592	1.522	1.493	1.462	1.465	1.505	2.92
61)	4-Chlorophenyl...	0.718	0.717	0.741	0.693	0.691	0.673	0.648	0.697	4.47
62)	4-Nitroaniline	0.313	0.359	0.394	0.365	0.368	0.376	0.358	0.362	6.90
63)	Azobenzene	1.200	1.276	1.346	1.290	1.279	1.252	1.240	1.269	3.58
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...		0.099	0.123	0.134	0.132	0.134	0.141	0.127	11.84
66) c	n-Nitrosodiphe...	0.598	0.640	0.641	0.624	0.610	0.609	0.610	0.619	2.70
67)	4-Bromophenyl-...	0.208	0.219	0.223	0.229	0.221	0.221	0.229	0.221	3.29
68)	Hexachlorobenzene	0.243	0.260	0.260	0.265	0.255	0.254	0.263	0.257	2.91
69)	Atrazine	0.217	0.232	0.247	0.238	0.233	0.229	0.237	0.233	3.94
70) C	Pentachlorophenol		0.170	0.179	0.183	0.179	0.180	0.187	0.180	3.30
71)	Phenanthrene	1.128	1.179	1.179	1.122	1.102	1.089	1.087	1.127	3.43
72)	Anthracene	1.122	1.194	1.198	1.171	1.122	1.134	1.102	1.149	3.33
73)	Carbazole	1.083	1.178	1.151	1.105	1.045	1.050	1.030	1.091	5.15
74)	Di-n-butylphth...	1.219	1.290	1.372	1.358	1.304	1.223	1.290	1.294	4.57
75) C	Fluoranthene	1.383	1.464	1.452	1.369	1.308	1.319	1.287	1.369	5.09
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine		0.727	0.733	0.616	0.631	0.594	0.508	0.635	13.43
78)	Pyrene	1.266	1.318	1.375	1.331	1.309	1.302	1.277	1.311	2.75
79) S	Terphenyl-d14	1.024	1.037	1.061	0.990	0.971	0.918	0.866	0.981	7.08
80)	Butylbenzylphth...	0.546	0.552	0.612	0.603	0.588	0.555	0.587	0.578	4.60
81)	Benzo(a)anthra...	1.373	1.401	1.437	1.376	1.349	1.350	1.328	1.374	2.65
82)	3,3'-Dichlorob...		0.513	0.526	0.500	0.492	0.491	0.475	0.500	3.61
83)	Chrysene	1.298	1.336	1.341	1.284	1.266	1.279	1.257	1.295	2.54
84)	Bis(2-ethylhex...	0.842	0.825	0.918	0.933	0.876	0.814	0.911	0.874	5.48
85) c	Di-n-octyl pht...		1.414	1.572	1.581	1.553	1.467	1.584	1.529	4.64

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP111825.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.442	1.484	1.538	1.511	1.483	1.531	1.511	1.500	2.21
88)	Benzo(b)fluora...	1.190	1.226	1.271	1.237	1.222	1.200	1.180	1.218	2.57
89)	Benzo(k)fluora...	1.206	1.228	1.275	1.213	1.213	1.192	1.189	1.217	2.38
90) C	Benzo(a)pyrene	1.121	1.153	1.198	1.168	1.147	1.146	1.142	1.154	2.10
91)	Dibenzo(a,h)an...	1.177	1.220	1.274	1.237	1.209	1.245	1.232	1.228	2.48
92)	Benzo(g,h,i)pe...	1.175	1.230	1.253	1.223	1.185	1.244	1.234	1.220	2.41

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3742</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>12/02/2025 11:00</u>
Lab File ID:	<u>BF144398.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.347		5.4	
Benzaldehyde	0.818	1.015		24.1	
Phenol-d6	1.448	1.447		-0.1	
Phenol	1.769	1.782		0.7	20.0
bis(2-Chloroethyl)ether	1.289	1.331		3.3	
2-Chlorophenol	1.253	1.305		4.2	
2-Methylphenol	0.997	0.964		-3.3	
2,2-oxybis(1-Chloropropane)	2.374	2.359		-0.6	
Acetophenone	0.429	0.418		-2.6	
3+4-Methylphenols	1.175	1.125		-4.3	
n-Nitroso-di-n-propylamine	0.953	0.832	0.050	-12.7	
Nitrobenzene-d5	0.346	0.347		0.3	
Hexachloroethane	0.515	0.505		-1.9	
Nitrobenzene	0.376	0.381		1.3	
Isophorone	0.655	0.620		-5.3	
2-Nitrophenol	0.186	0.196		5.4	20.0
2,4-Dimethylphenol	0.279	0.269		-3.6	
bis(2-Chloroethoxy)methane	0.409	0.408		-0.2	
2,4-Dichlorophenol	0.322	0.317		-1.6	20.0
Naphthalene	0.951	0.945		-0.6	
4-Chloroaniline	0.347	0.336		-3.2	
Hexachlorobutadiene	0.249	0.234		-6.0	20.0
Caprolactam	0.088	0.081		-8.0	
4-Chloro-3-methylphenol	0.288	0.268		-6.9	20.0
2-Methylnaphthalene	0.636	0.611		-3.9	
Hexachlorocyclopentadiene	0.195	0.161	0.050	-17.4	
2,4,6-Trichlorophenol	0.446	0.445		-0.2	20.0
2-Fluorobiphenyl	1.354	1.343		-0.8	
2,4,5-Trichlorophenol	0.481	0.475		-1.2	
1,1-Biphenyl	1.396	1.431		2.5	
2-Chloronaphthalene	1.191	1.208		1.4	
2-Nitroaniline	0.344	0.343		-0.3	
Dimethylphthalate	1.325	1.278		-3.5	
Acenaphthylene	1.623	1.628		0.3	
2,6-Dinitrotoluene	0.268	0.267		-0.4	
3-Nitroaniline	0.293	0.294		0.3	
Acenaphthene	1.085	1.004		-7.5	20.0
2,4-Dinitrophenol	0.162	0.178	0.050	9.9	
4-Nitrophenol	0.212	0.180	0.050	-15.1	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3742</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>12/02/2025 11:00</u>
Lab File ID:	<u>BF144398.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.520	1.481		-2.6	
2,4-Dinitrotoluene	0.359	0.346		-3.6	
Diethylphthalate	1.221	1.124		-7.9	
4-Chlorophenyl-phenylether	0.658	0.619		-5.9	
Fluorene	1.156	1.148		-0.7	
4-Nitroaniline	0.279	0.276		-1.1	
4,6-Dinitro-2-methylphenol	0.136	0.128		-5.9	
n-Nitrosodiphenylamine	0.643	0.677		5.3	20.0
2,4,6-Tribromophenol	0.251	0.228		-9.2	
4-Bromophenyl-phenylether	0.255	0.245		-3.9	
Hexachlorobenzene	0.301	0.306		1.7	
Atrazine	0.205	0.184		-10.2	
Pentachlorophenol	0.150	0.151		0.7	20.0
Phenanthrene	0.996	1.008		1.2	
Anthracene	1.013	1.031		1.8	
Carbazole	0.861	0.899		4.4	
Di-n-butylphthalate	1.041	1.022		-1.8	
Fluoranthene	1.029	1.073		4.3	20.0
Pyrene	1.613	1.388		-13.9	
Terphenyl-d14	1.259	1.030		-18.2	
Butylbenzylphthalate	0.559	0.521		-6.8	
3,3-Dichlorobenzidine	0.475	0.513		8.0	
Benzo (a) anthracene	1.386	1.401		1.1	
Chrysene	1.280	1.302		1.7	
Bis(2-ethylhexyl)phthalate	0.765	0.739		-3.4	
Di-n-octyl phthalate	1.320	1.358		2.9	20.0
Benzo (b) fluoranthene	1.137	1.071		-5.8	
Benzo (k) fluoranthene	1.064	1.070		0.6	
Benzo (a) pyrene	1.049	1.060		1.0	20.0
Indeno (1,2,3-cd) pyrene	1.436	1.365		-4.9	
Dibenzo (a,h) anthracene	1.153	1.115		-3.3	
Benzo (g,h,i) perylene	1.139	1.088		-4.5	
1,2,4,5-Tetrachlorobenzene	0.655	0.673		2.7	
1,4-Dioxane	0.528	0.567		7.4	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.313		-7.9	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3742</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>12/02/2025 14:31</u>
Lab File ID:	<u>BP026207.D</u>	Init. Calib. Date(s):	<u>11/18/2025 11/18/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>14:31 21:22</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.246	1.209		-3.0	
Benzaldehyde	0.831	0.863		3.9	
Phenol-d6	1.586	1.519		-4.2	
Phenol	1.709	1.629		-4.7	20.0
bis(2-Chloroethyl)ether	1.338	1.301		-2.8	
2-Chlorophenol	1.418	1.403		-1.1	
2-Methylphenol	1.163	1.121		-3.6	
2,2-oxybis(1-Chloropropane)	1.879	1.853		-1.4	
Acetophenone	0.508	0.496		-2.4	
3+4-Methylphenols	1.612	1.512		-6.2	
n-Nitroso-di-n-propylamine	0.985	0.939	0.050	-4.7	
Nitrobenzene-d5	0.352	0.347		-1.4	
Hexachloroethane	0.560	0.575		2.7	
Nitrobenzene	0.356	0.349		-2.0	
Isophorone	0.698	0.664		-4.9	
2-Nitrophenol	0.180	0.181		0.6	20.0
2,4-Dimethylphenol	0.325	0.287		-11.7	
bis(2-Chloroethoxy)methane	0.437	0.420		-3.9	
2,4-Dichlorophenol	0.325	0.323		-0.6	20.0
Naphthalene	1.081	1.075		-0.6	
4-Chloroaniline	0.460	0.436		-5.2	
Hexachlorobutadiene	0.215	0.228		6.0	20.0
Caprolactam	0.116	0.105		-9.5	
4-Chloro-3-methylphenol	0.345	0.335		-2.9	20.0
2-Methylnaphthalene	0.766	0.760		-0.8	
Hexachlorocyclopentadiene	0.396	0.321	0.050	-18.9	
2,4,6-Trichlorophenol	0.415	0.416		0.2	20.0
2-Fluorobiphenyl	1.365	1.384		1.4	
2,4,5-Trichlorophenol	0.463	0.461		-0.4	
1,1-Biphenyl	1.506	1.471		-2.3	
2-Chloronaphthalene	1.184	1.167		-1.4	
2-Nitroaniline	0.329	0.314		-4.6	
Dimethylphthalate	1.494	1.478		-1.1	
Acenaphthylene	1.953	1.939		-0.7	
2,6-Dinitrotoluene	0.296	0.306		3.4	
3-Nitroaniline	0.349	0.329		-5.7	
Acenaphthene	1.145	1.122		-2.0	20.0
2,4-Dinitrophenol	0.179	0.163	0.050	-8.9	
4-Nitrophenol	0.315	0.280	0.050	-11.1	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3742</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>12/02/2025 14:31</u>
Lab File ID:	<u>BP026207.D</u>	Init. Calib. Date(s):	<u>11/18/2025 11/18/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>14:31 21:22</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.773	1.783		0.6	
2,4-Dinitrotoluene	0.442	0.451		2.0	
Diethylphthalate	1.505	1.523		1.2	
4-Chlorophenyl-phenylether	0.697	0.712		2.2	
Fluorene	1.401	1.402		0.1	
4-Nitroaniline	0.362	0.340		-6.1	
4,6-Dinitro-2-methylphenol	0.127	0.122		-3.9	
n-Nitrosodiphenylamine	0.619	0.607		-1.9	20.0
2,4,6-Tribromophenol	0.259	0.276		6.6	
4-Bromophenyl-phenylether	0.221	0.225		1.8	
Hexachlorobenzene	0.257	0.264		2.7	
Atrazine	0.233	0.236		1.3	
Pentachlorophenol	0.180	0.179		-0.6	20.0
Phenanthrene	1.127	1.119		-0.7	
Anthracene	1.149	1.167		1.6	
Carbazole	1.091	1.083		-0.7	
Di-n-butylphthalate	1.294	1.331		2.9	
Fluoranthene	1.369	1.418		3.6	20.0
Pyrene	1.311	1.345		2.6	
Terphenyl-d14	0.981	1.065		8.6	
Butylbenzylphthalate	0.578	0.610		5.5	
3,3-Dichlorobenzidine	0.500	0.463		-7.4	
Benzo (a) anthracene	1.374	1.363		-0.8	
Chrysene	1.295	1.302		0.5	
Bis(2-ethylhexyl)phthalate	0.874	0.949		8.6	
Di-n-octyl phthalate	1.529	1.538		0.6	20.0
Benzo (b) fluoranthene	1.218	1.297		6.5	
Benzo (k) fluoranthene	1.217	1.350		10.9	
Benzo (a) pyrene	1.154	1.179		2.2	20.0
Indeno (1,2,3-cd) pyrene	1.500	1.386		-7.6	
Dibenzo (a,h) anthracene	1.228	1.138		-7.3	
Benzo (g,h,i) perylene	1.220	1.135		-7.0	
1,2,4,5-Tetrachlorobenzene	0.605	0.623		3.0	
1,4-Dioxane	0.505	0.489		-3.2	20.0
2,3,4,6-Tetrachlorophenol	0.393	0.399		1.5	

All other compounds must meet a minimum RRF of 0.010.



SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
 Data File : BF144401.D
 Acq On : 02 Dec 2025 14:21
 Operator : RC/JU
 Sample : Q3742-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-23

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025

Quant Time: Dec 02 14:48:34 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	48990	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	188700	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	105045	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	174584	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	109456	20.000	ng	0.00
86) Perylene-d12	15.527	264	151141	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	243682	77.839	ng	0.00
7) Phenol-d6	6.498	99	282581	79.663	ng	0.00
23) Nitrobenzene-d5	7.422	82	173911	53.229	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	97311	73.822	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	378690	53.244	ng	-0.01
79) Terphenyl-d14	12.980	244	313734	45.528	ng	-0.01
Target Compounds					Qvalue	
31) Naphthalene	8.163	128	49102	5.470	ng	99
37) 2-Methylnaphthalene	8.857	142	25152	4.191	ng	99
38) 1-Methylnaphthalene	8.957	142	21231	3.666	ng	99
52) Acenaphthene	9.933	154	29025	5.092	ng	99
55) Dibenzofuran	10.104	168	40937	5.128	ng	97
58) Fluorene	10.451	166	50278	8.284	ng	98
71) Phenanthrene	11.422	178	464618	53.452	ng	100
72) Anthracene	11.469	178	123155	13.934	ng	98
73) Carbazole	11.627	167	33124	4.407	ng	98
75) Fluoranthene	12.610	202	310882	34.623	ng	98
78) Pyrene	12.839	202	281489	31.896	ng	98
81) Benzo(a)anthracene	14.033	228	143358	18.897	ng	97
83) Chrysene	14.068	228	120652	17.229	ng	96
87) Indeno(1,2,3-cd)pyrene	17.027	276	55200	5.088	ng	97
88) Benzo(b)fluoranthene	15.092	252	133315m	15.515	ng	
89) Benzo(k)fluoranthene	15.110	252	41781m	5.195	ng	
90) Benzo(a)pyrene	15.462	252	104982	13.243	ng	96
91) Dibenzo(a,h)anthracene	17.027	278	17611	2.021	ng	# 81
92) Benzo(g,h,i)perylene	17.480	276	50569	5.877	ng	96

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

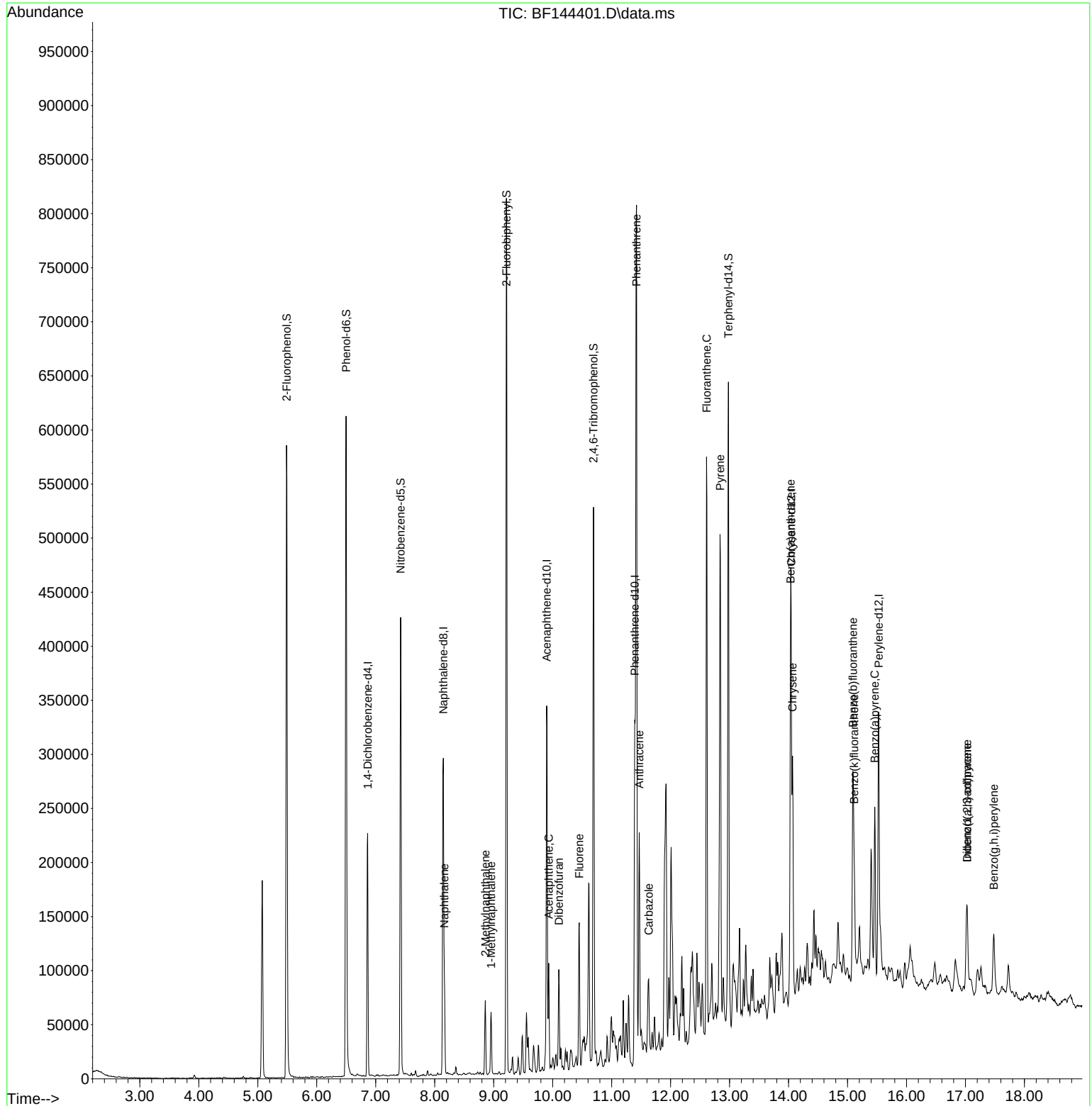
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Acq On : 02 Dec 2025 14:21
Operator : RC/JU
Sample : Q3742-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

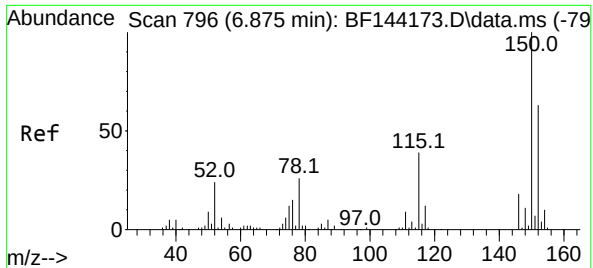
Instrument :
BNA_F
ClientSampleId :
SB-1125-23

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

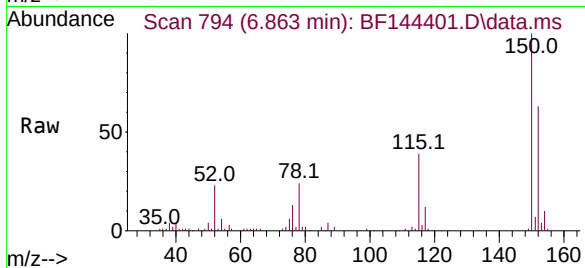
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144401.D
Acq: 02 Dec 2025 14:21

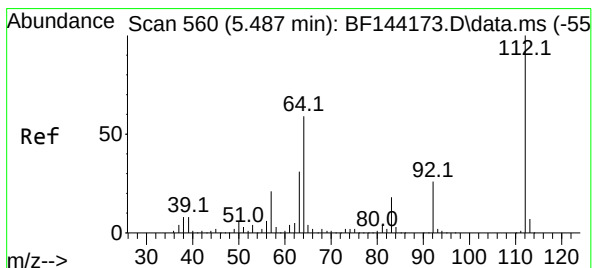
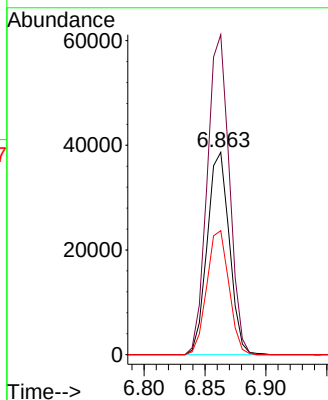
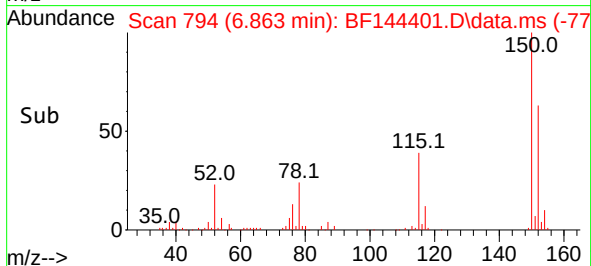
Instrument :
BNA_F
ClientSampleId :
SB-1125-23



Tgt Ion:152 Resp: 48990
Ion Ratio Lower Upper
152 100
150 158.2 127.4 191.0
115 61.3 49.5 74.3

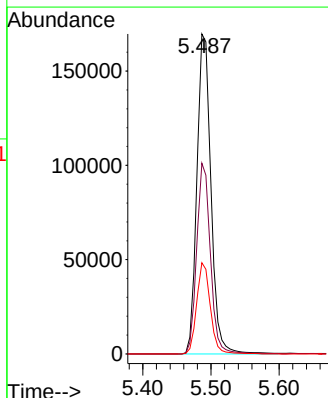
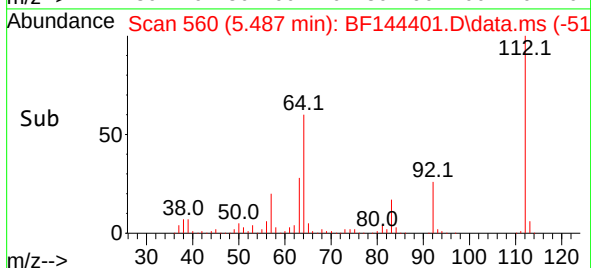
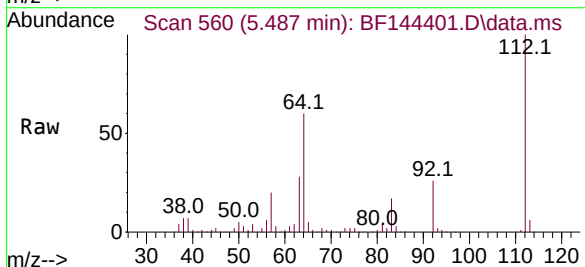
Manual Integrations
APPROVED

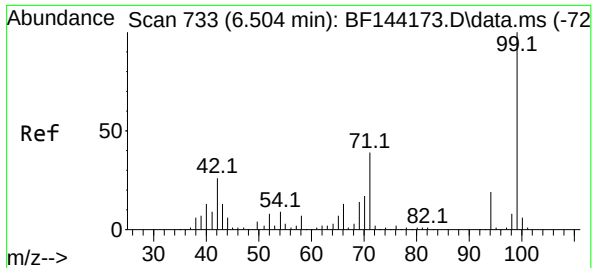
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#5
2-Fluorophenol
Concen: 77.839 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144401.D
Acq: 02 Dec 2025 14:21

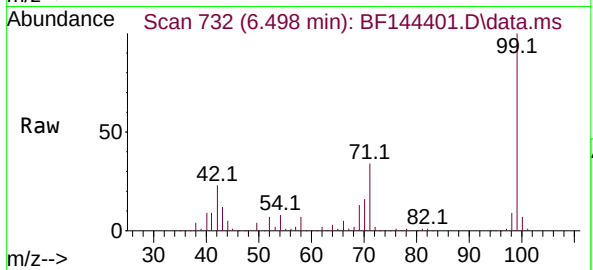
Tgt Ion:112 Resp: 243682
Ion Ratio Lower Upper
112 100
64 59.6 47.2 70.8
63 28.5 24.4 36.6





#7
Phenol-d6
Concen: 79.663 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144401.D
Acq: 02 Dec 2025 14:21

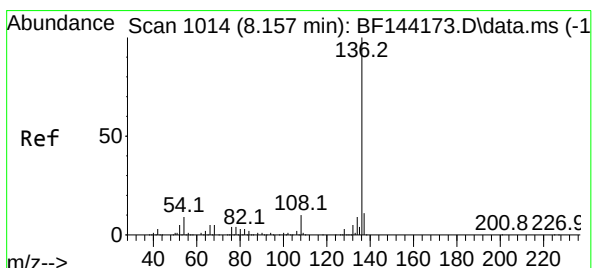
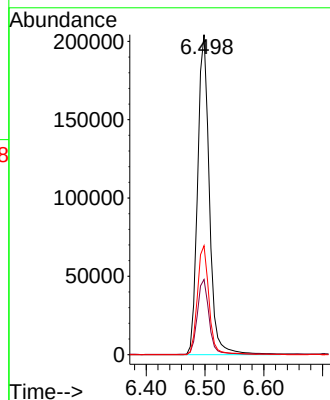
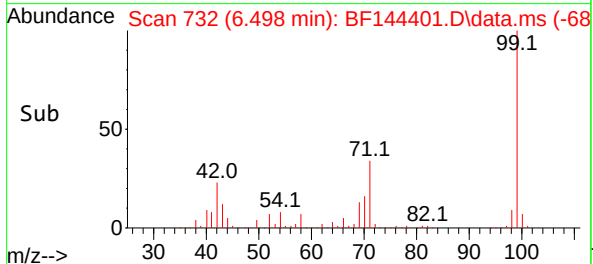
Instrument :
BNA_F
ClientSampleId :
SB-1125-23



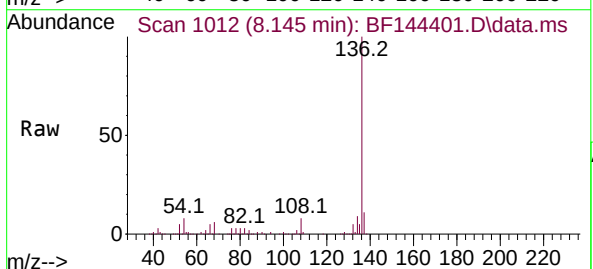
Tgt Ion: 99 Resp: 282581
Ion Ratio Lower Upper
99 100
42 23.5 20.9 31.3
71 34.0 31.4 47.2

Manual Integrations
APPROVED

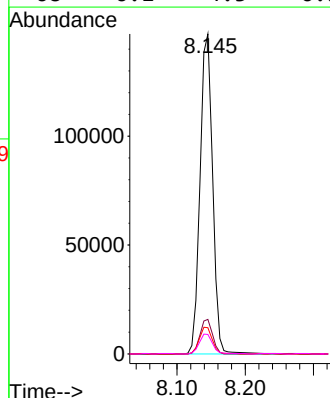
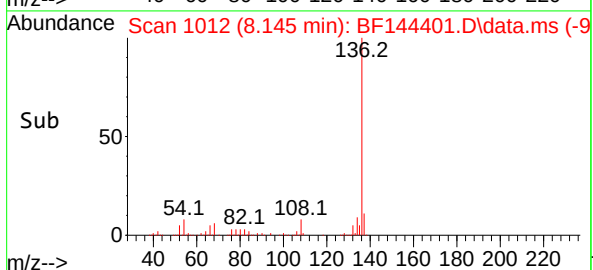
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

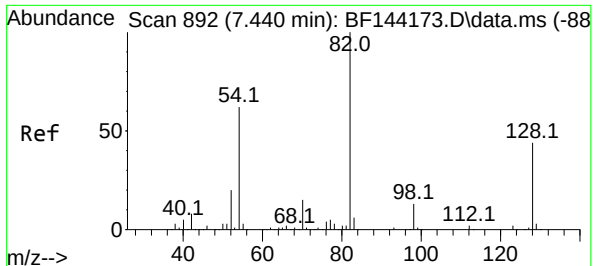


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144401.D
Acq: 02 Dec 2025 14:21



Tgt Ion:136 Resp: 188700
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.2 7.0 10.6
68 6.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 53.229 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

Instrument :

BNA_F

ClientSampleId :

SB-1125-23

Tgt Ion: 82 Resp: 17391

Ion Ratio Lower Upper

82 100

128 44.4 34.7 52.1

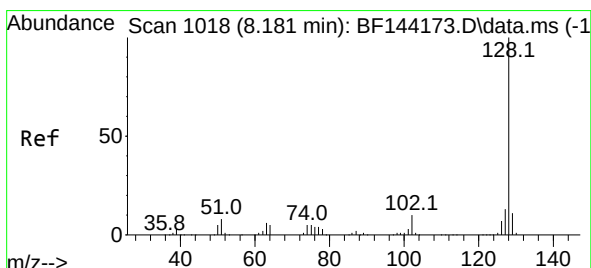
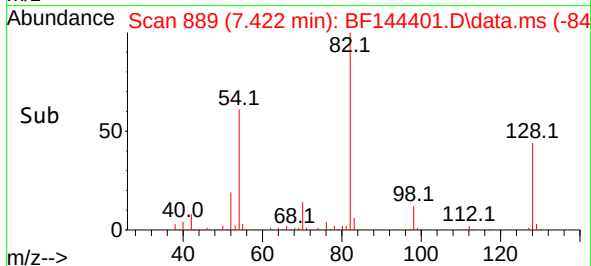
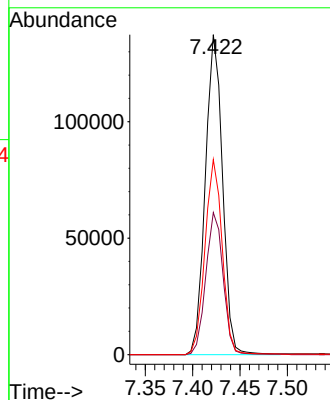
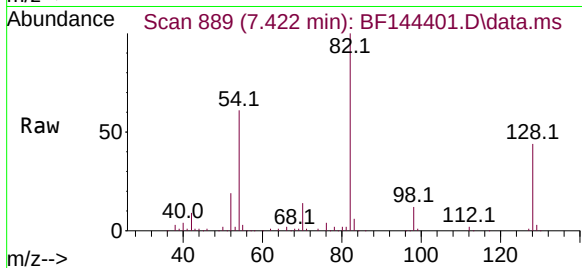
54 60.9 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#31

Naphthalene

Concen: 5.470 ng

RT: 8.163 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

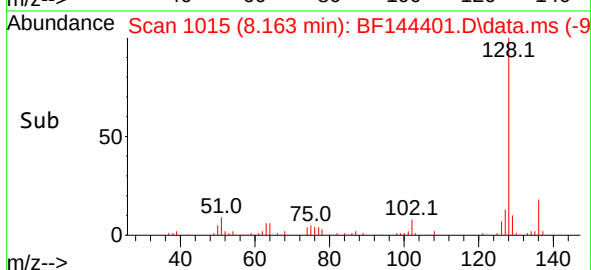
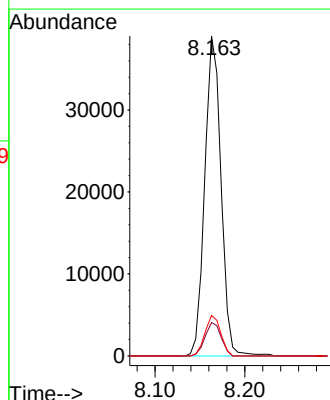
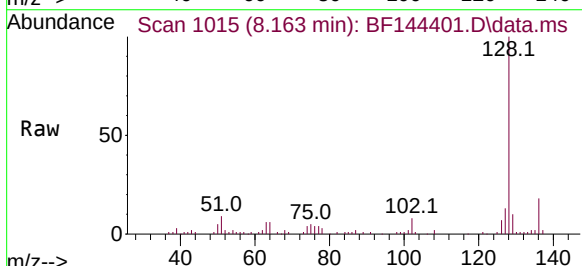
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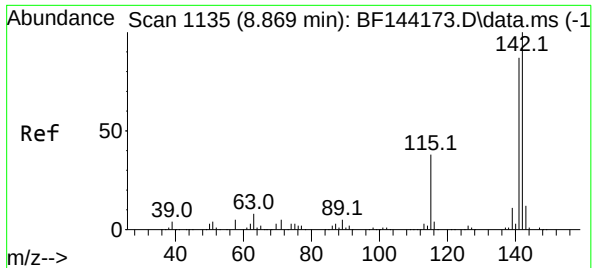
Ion Ratio Lower Upper

128 100

129 10.4 8.9 13.3

127 12.6 10.3 15.5





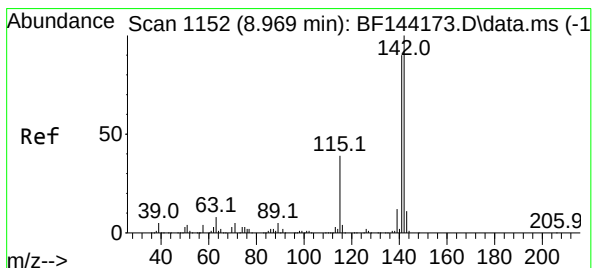
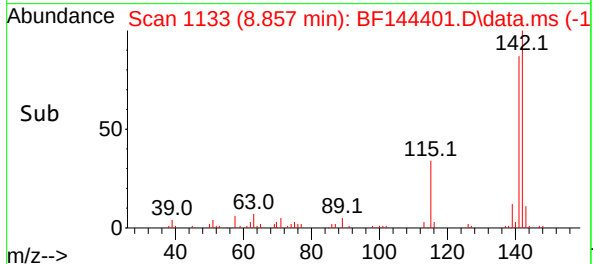
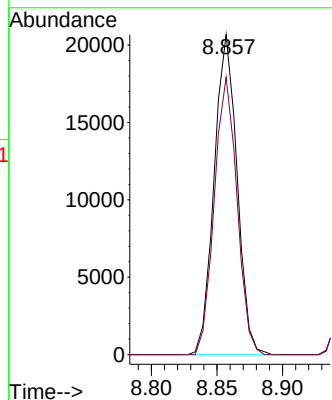
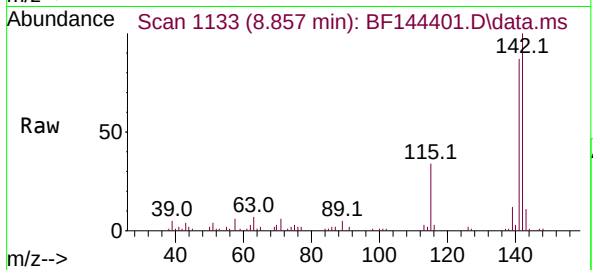
#37
2-Methylnaphthalene
Concen: 4.191 ng
RT: 8.857 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BF144401.D
Acq: 02 Dec 2025 14:21

Instrument :
BNA_F
ClientSampleId :
SB-1125-23

Tgt Ion:142 Resp: 25152
Ion Ratio Lower Upper
142 100
141 86.7 69.9 104.9

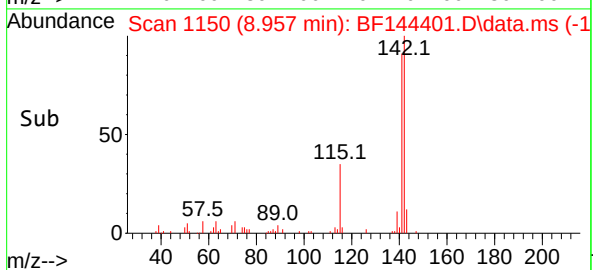
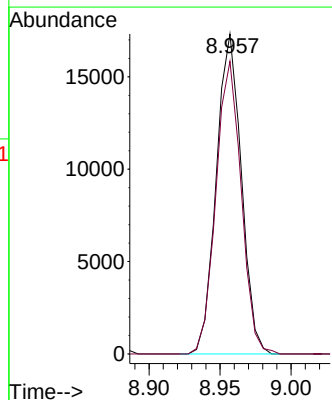
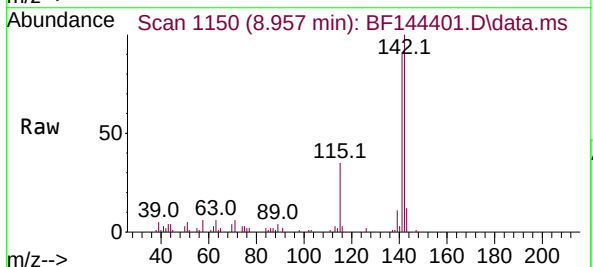
Manual Integrations
APPROVED

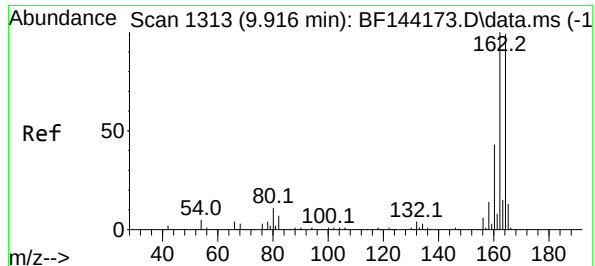
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#38
1-Methylnaphthalene
Concen: 3.666 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144401.D
Acq: 02 Dec 2025 14:21

Tgt Ion:142 Resp: 21231
Ion Ratio Lower Upper
142 100
141 91.4 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.018 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

Instrument :

BNA_F

ClientSampleId :

SB-1125-23

Tgt Ion:164 Resp: 105045

Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

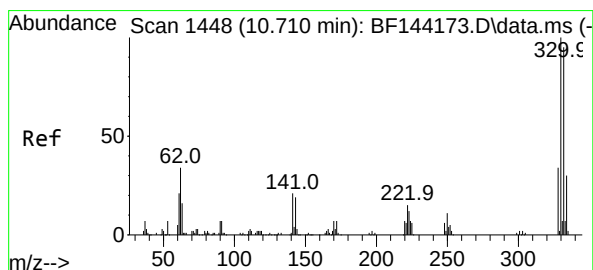
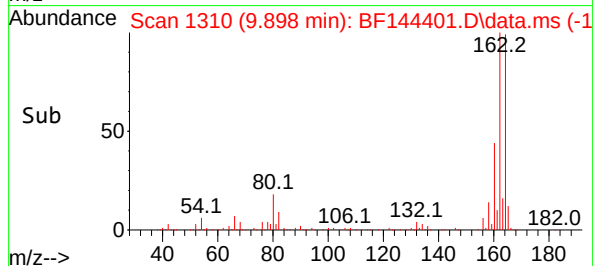
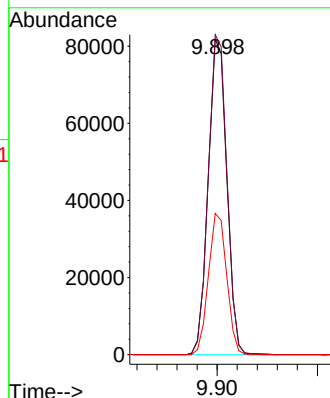
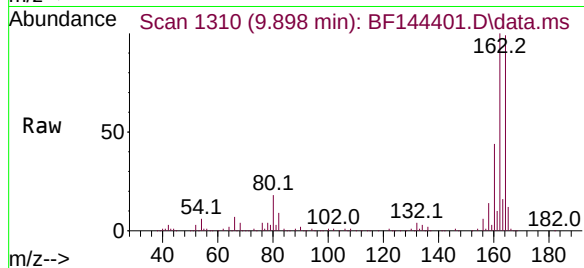
160 44.8 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#42

2,4,6-Tribromophenol

Concen: 73.822 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

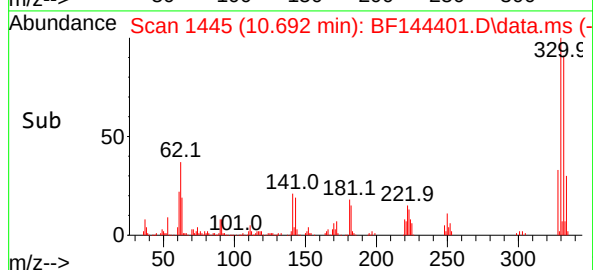
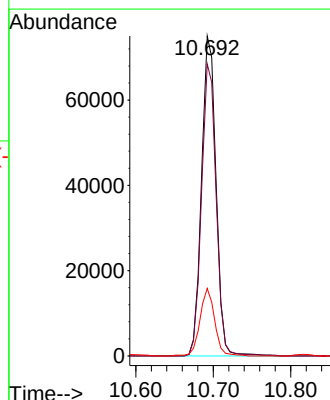
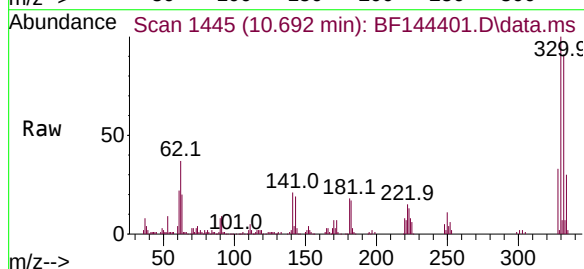
Tgt Ion:330 Resp: 97311

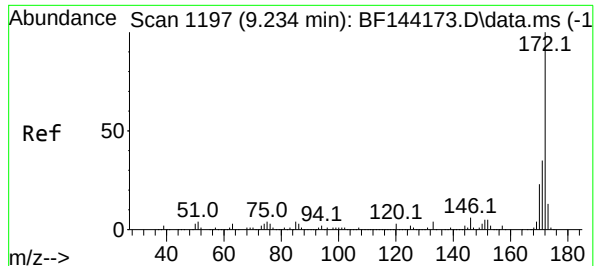
Ion Ratio Lower Upper

330 100

332 92.0 76.7 115.1

141 21.4 17.8 26.8





#45

2-Fluorobiphenyl

Concen: 53.244 ng

RT: 9.216 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

Instrument :

BNA_F

ClientSampleId :

SB-1125-23

Tgt Ion:172 Resp: 378690

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

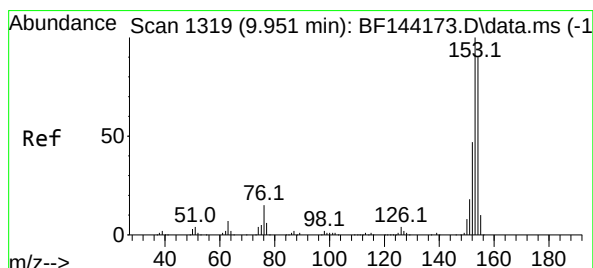
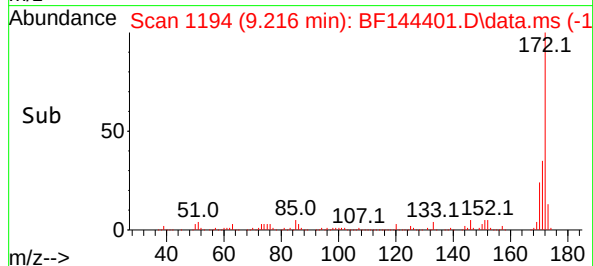
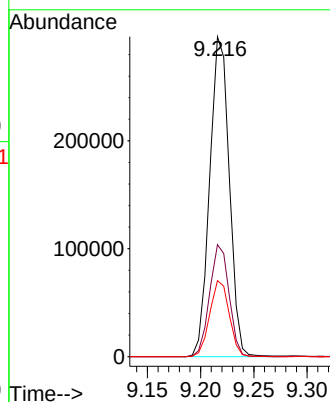
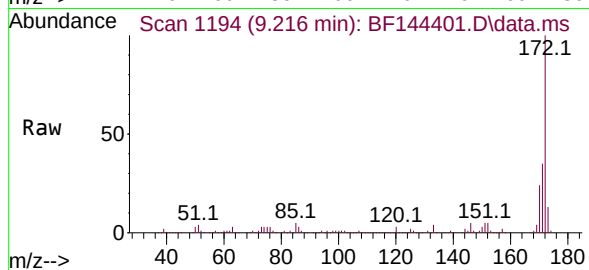
170 23.7 18.6 28.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#52

Acenaphthene

Concen: 5.092 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

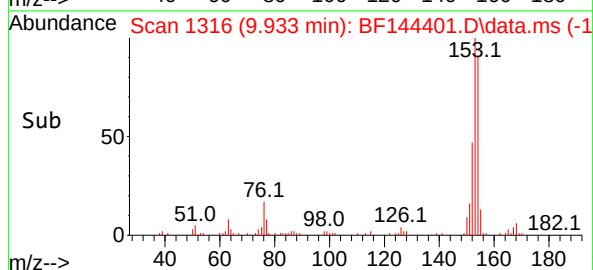
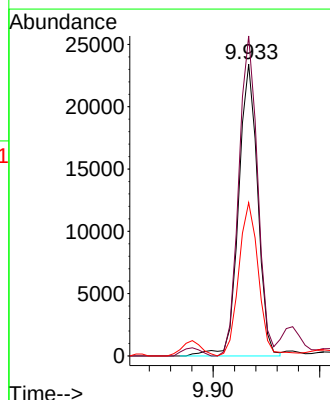
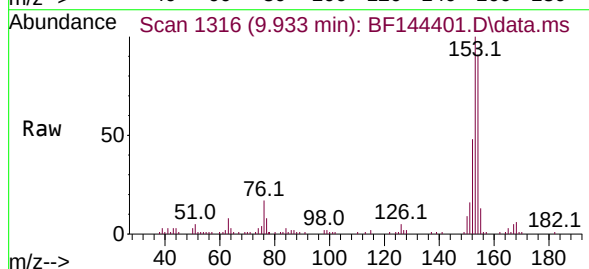
Tgt Ion:154 Resp: 29025

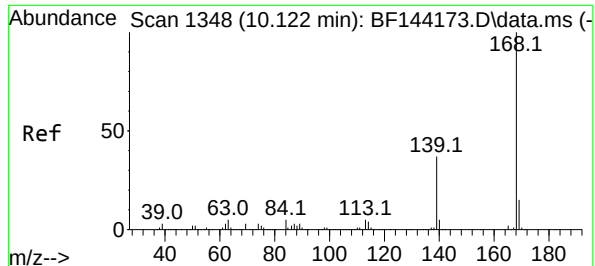
Ion Ratio Lower Upper

154 100

153 109.7 89.0 133.4

152 52.5 42.2 63.4





#55

Dibenzenofuran

Concen: 5.128 ng

RT: 10.104 min Scan# 1348

Delta R.T. -0.012 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

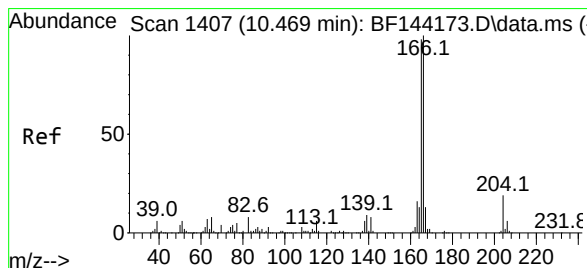
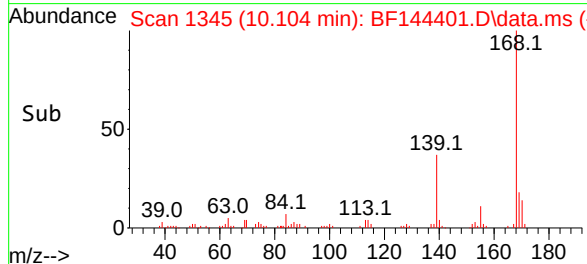
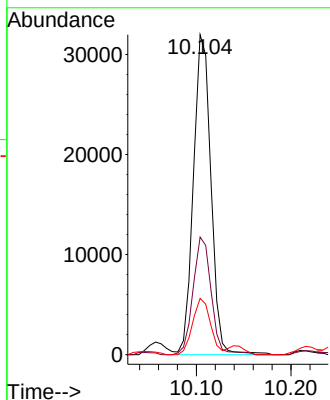
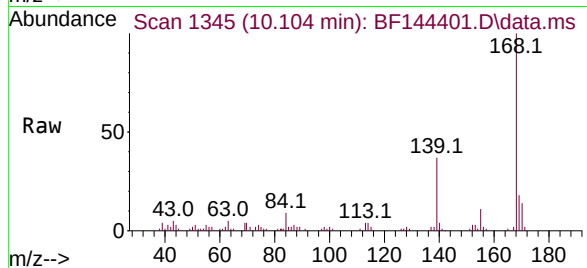
Instrument :

BNA_F

ClientSampleId :

SB-1125-23

Tgt Ion:168	Resp: 4093
Ion Ratio	Lower Upper
168	100
139	36.7 30.2 45.2
169	17.6 12.2 18.4

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Supervised By :Sohil Jodhani 12/03/2025

#58

Fluorene

Concen: 8.284 ng

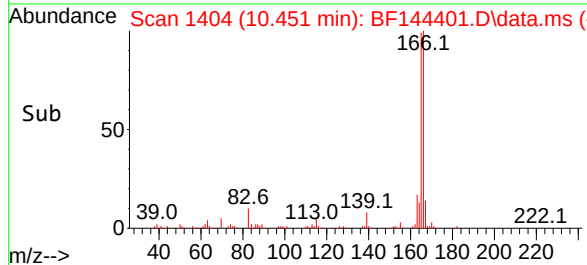
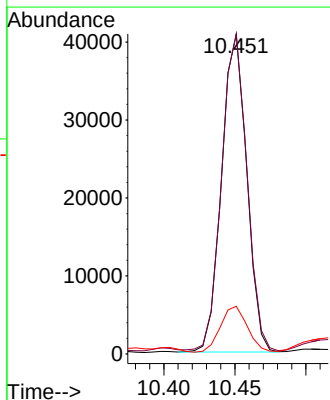
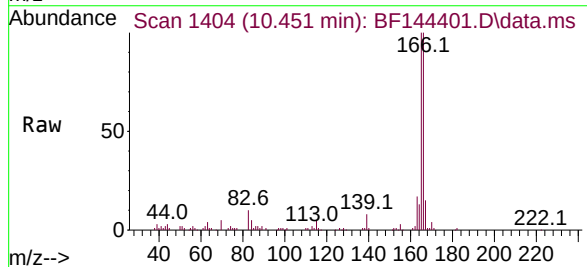
RT: 10.451 min Scan# 1404

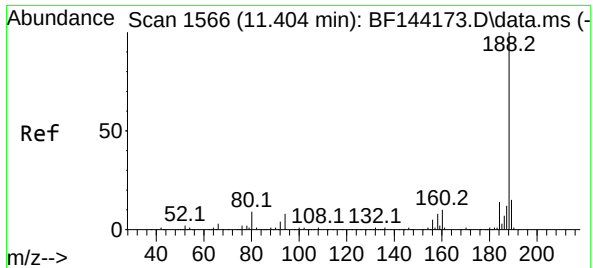
Delta R.T. -0.012 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

Tgt Ion:166	Resp: 50278
Ion Ratio	Lower Upper
166	100
165	100.1 78.6 118.0
167	14.9 10.4 15.6





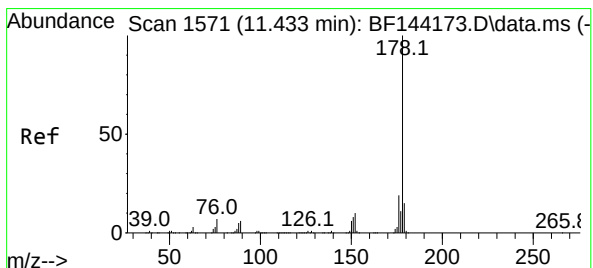
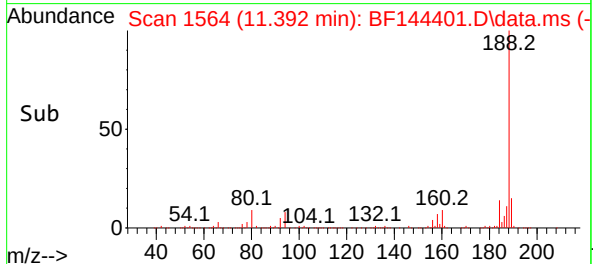
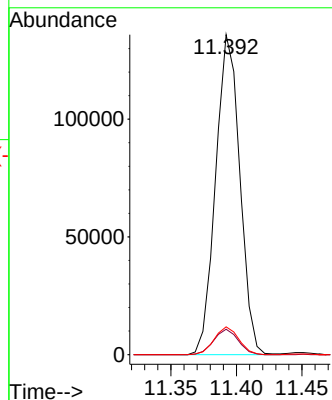
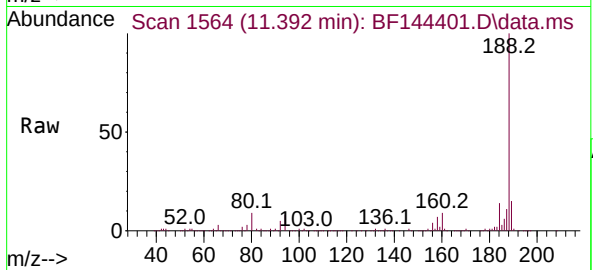
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144401.D
Acq: 02 Dec 2025 14:21

Instrument :
BNA_F
ClientSampleId :
SB-1125-23

Tgt Ion:188 Resp: 174584
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 8.7 6.9 10.3

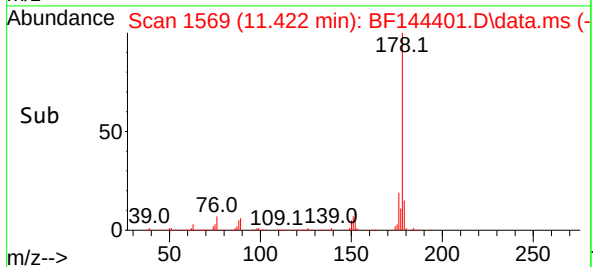
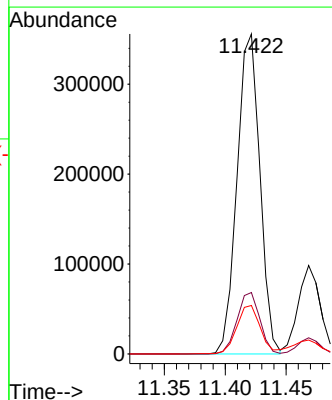
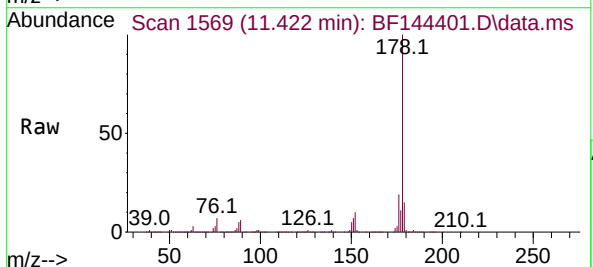
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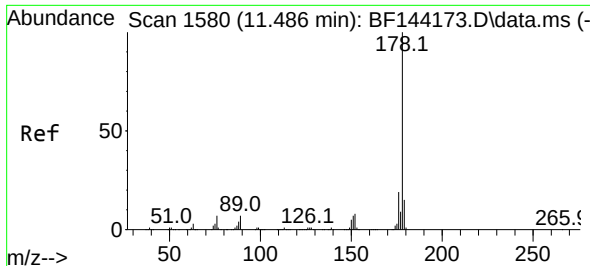
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#71
Phenanthrene
Concen: 53.452 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144401.D
Acq: 02 Dec 2025 14:21

Tgt Ion:178 Resp: 464618
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.1 12.2 18.4





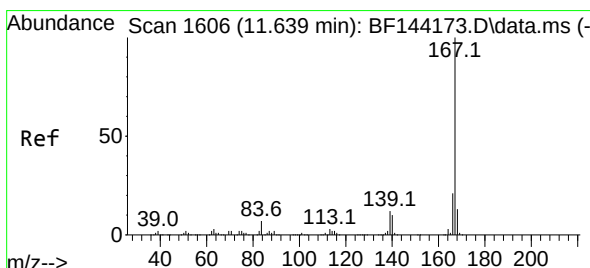
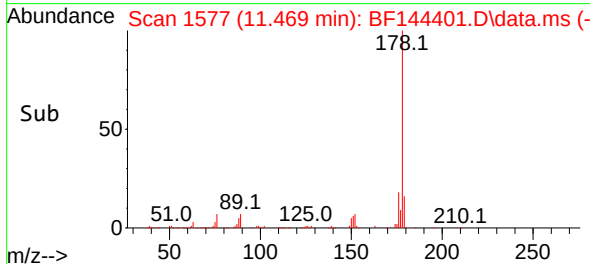
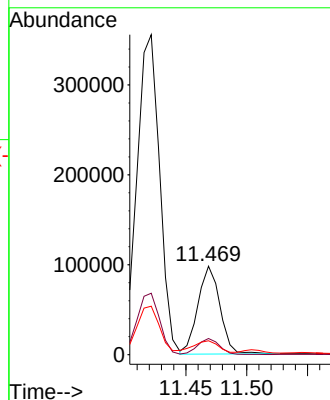
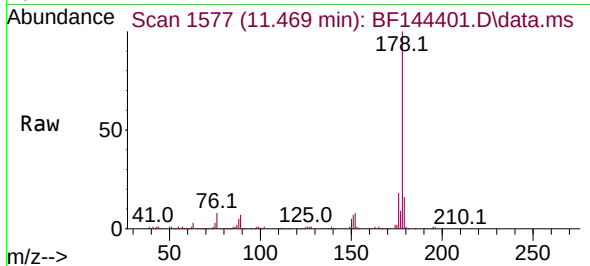
#72
 Anthracene
 Concen: 13.934 ng
 RT: 11.469 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF144401.D
 Acq: 02 Dec 2025 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-23

Tgt Ion:178 Resp: 12315
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.3 22.9
 179 15.7 12.0 18.0

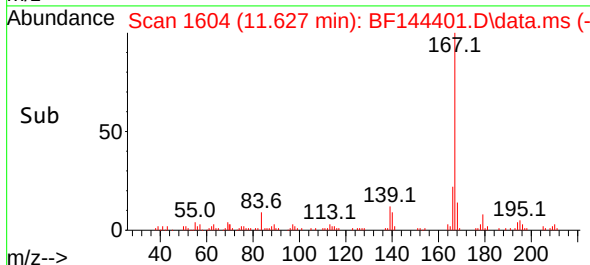
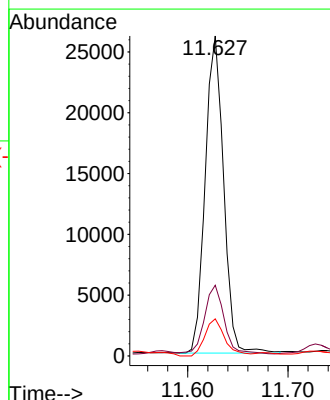
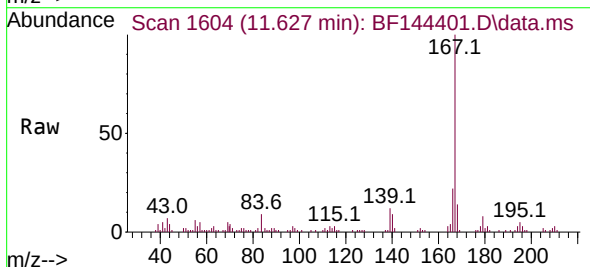
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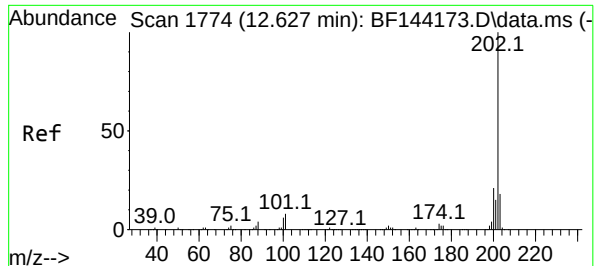
Reviewed By :Jagrut Upadhyay 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025



#73
 Carbazole
 Concen: 4.407 ng
 RT: 11.627 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144401.D
 Acq: 02 Dec 2025 14:21

Tgt Ion:167 Resp: 33124
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.2 25.8
 139 11.6 9.9 14.9





#75

Fluoranthene

Concen: 34.623 ng

RT: 12.610 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

Instrument :

BNA_F

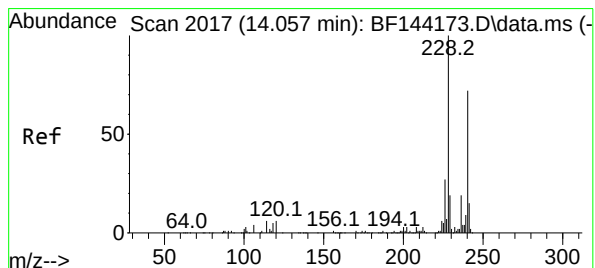
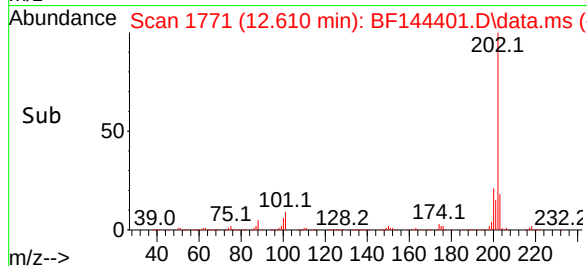
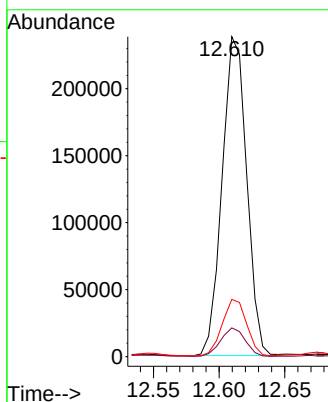
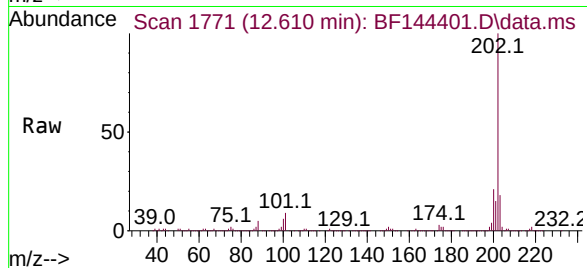
ClientSampleId :

SB-1125-23

Tgt Ion:	202	Resp:	31088
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	27.9
203	17.9	0.0	37.5

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Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#76

Chrysene-d12

Concen: 20.000 ng

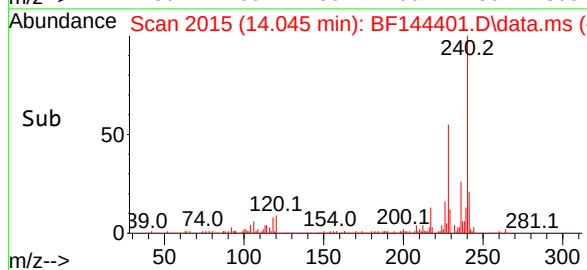
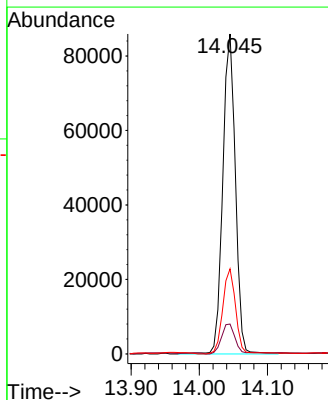
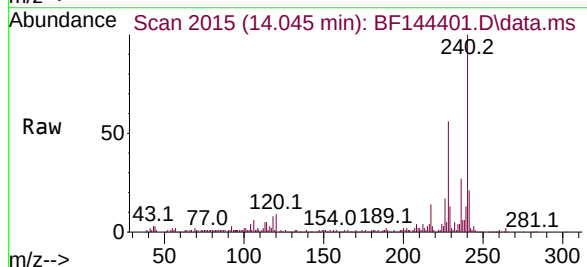
RT: 14.045 min Scan# 2015

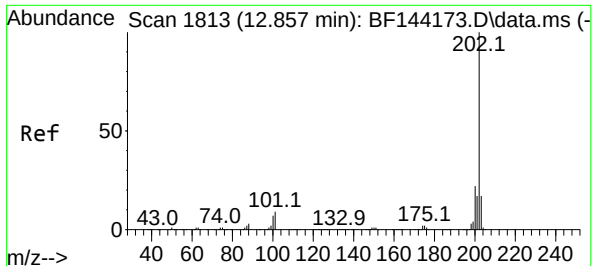
Delta R.T. -0.006 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

Tgt Ion:	240	Resp:	109456
Ion Ratio	Lower	Upper	
240	100		
120	9.3	6.6	10.0
236	26.6	21.4	32.2





#78

Pyrene

Concen: 31.896 ng

RT: 12.839 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

Instrument :

BNA_F

ClientSampleId :

SB-1125-23

Tgt Ion:202 Resp: 281489

Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

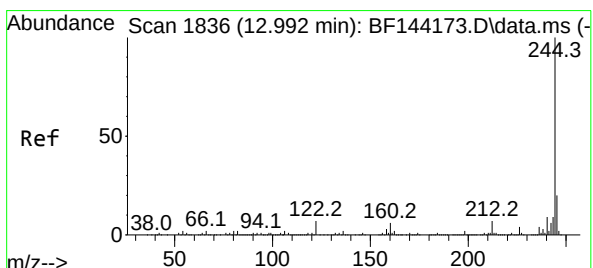
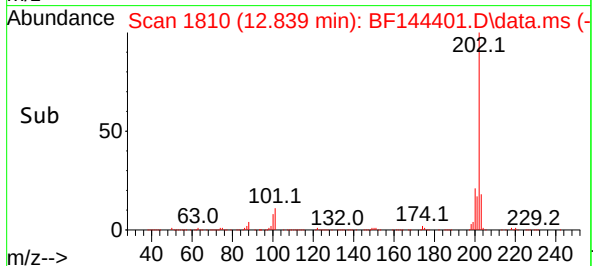
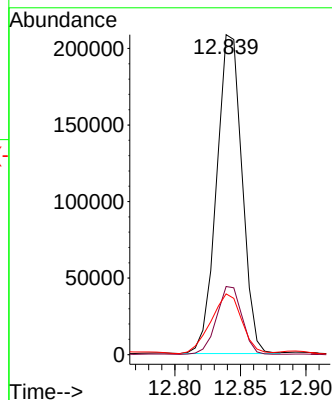
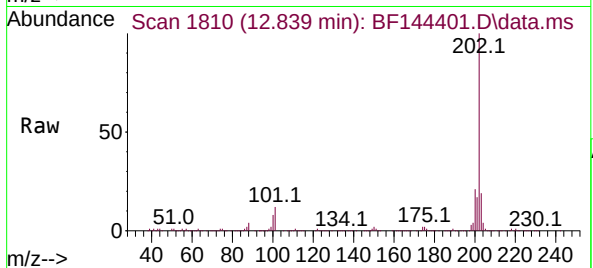
203 19.0 13.7 20.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#79

Terphenyl-d14

Concen: 45.528 ng

RT: 12.980 min Scan# 1834

Delta R.T. -0.012 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

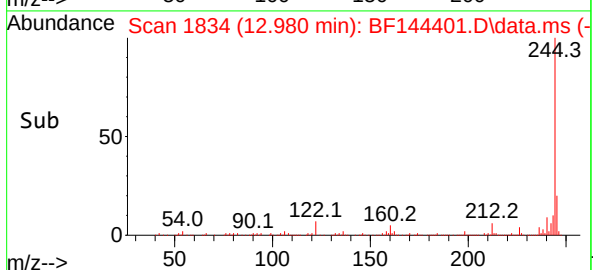
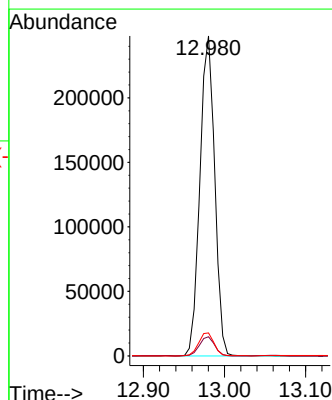
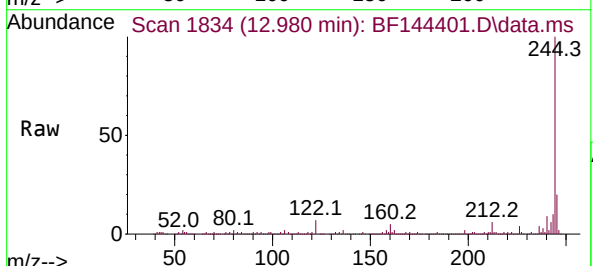
Tgt Ion:244 Resp: 313734

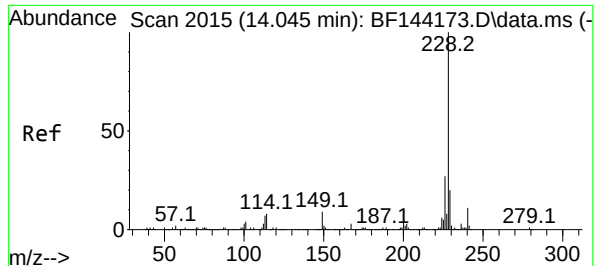
Ion Ratio Lower Upper

244 100

212 6.0 5.3 7.9

122 7.2 5.6 8.4





#81

Benzo(a)anthracene

Concen: 18.897 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

Instrument :

BNA_F

ClientSampleId :

SB-1125-23

Tgt Ion:228 Resp: 143358

Ion Ratio Lower Upper

228 100

226 28.2 21.8 32.8

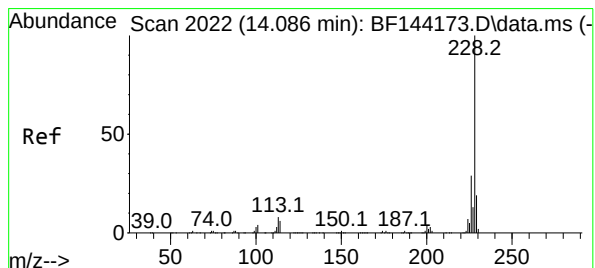
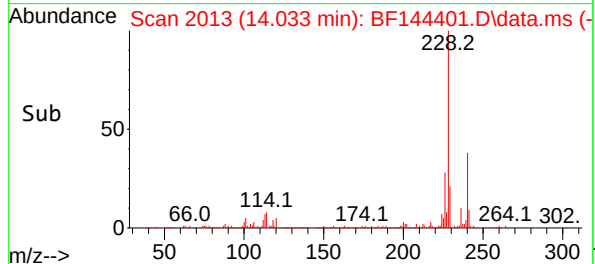
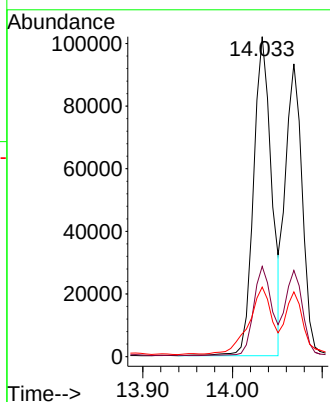
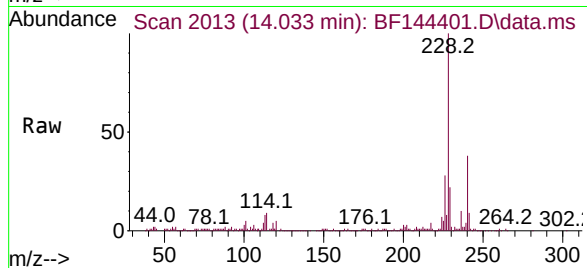
229 21.8 15.8 23.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#83

Chrysene

Concen: 17.229 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

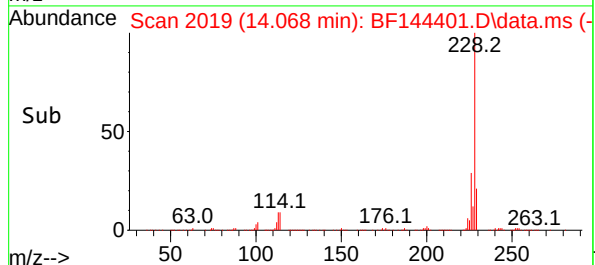
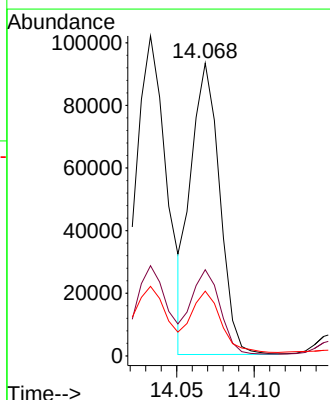
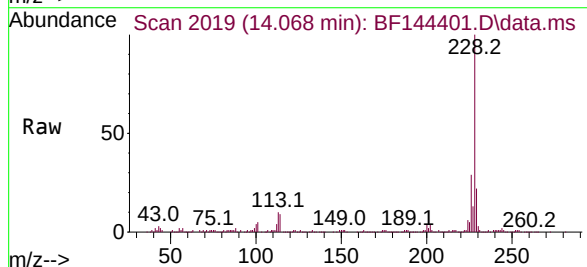
Tgt Ion:228 Resp: 120652

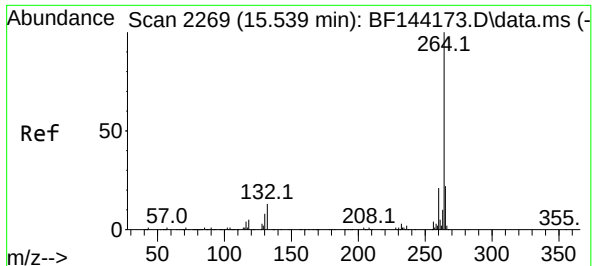
Ion Ratio Lower Upper

228 100

226 29.4 22.9 34.3

229 22.1 15.0 22.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

Instrument :

BNA_F

ClientSampleId :

SB-1125-23

Tgt Ion:264 Resp: 15114

Ion Ratio Lower Upper

264 100

260 21.6 17.1 25.7

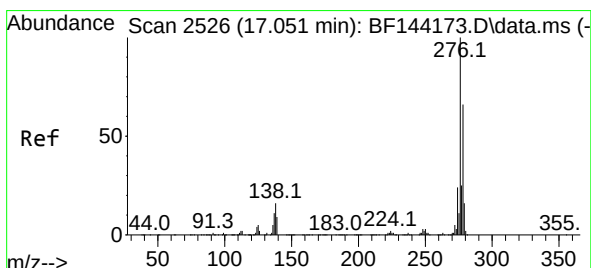
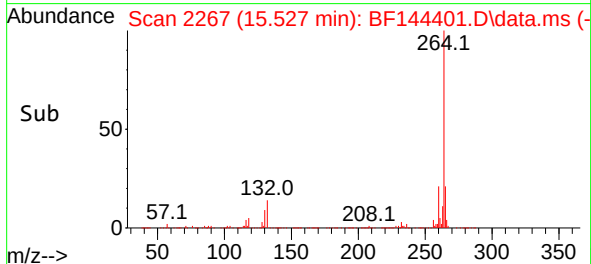
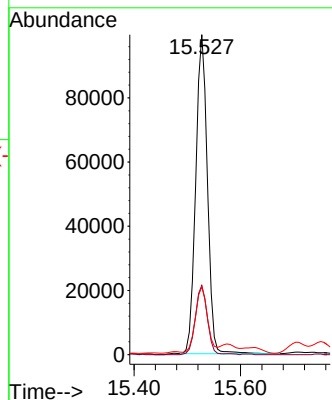
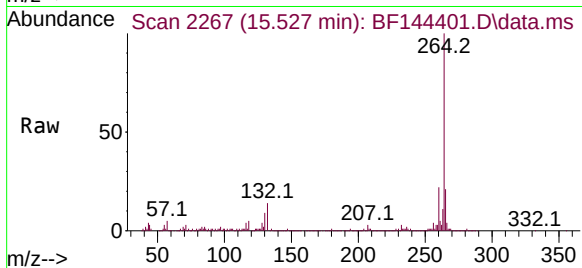
265 21.2 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 5.088 ng

RT: 17.027 min Scan# 2522

Delta R.T. -0.006 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

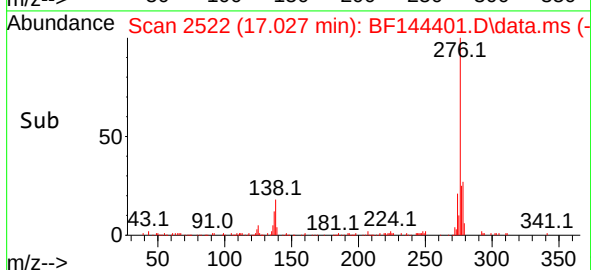
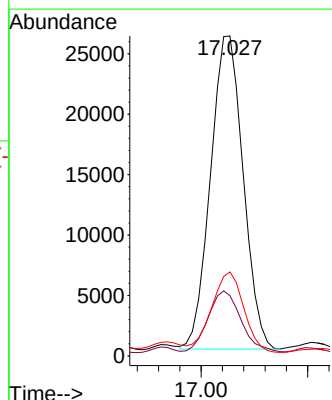
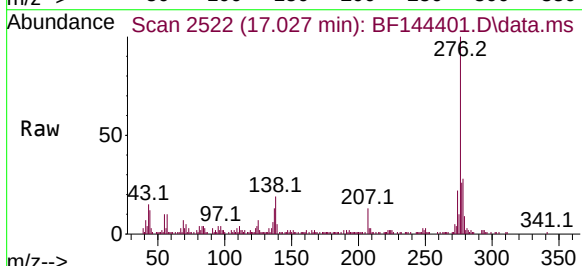
Tgt Ion:276 Resp: 55200

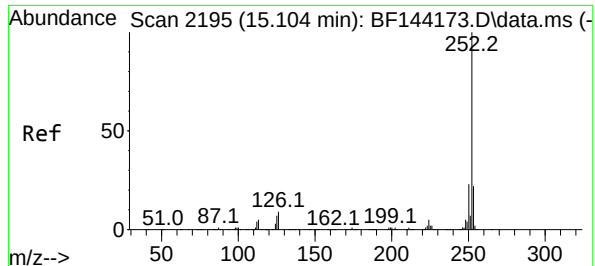
Ion Ratio Lower Upper

276 100

138 19.6 13.9 20.9

277 25.5 19.8 29.6





#88

Benzo(b)fluoranthene

Concen: 15.515 ng m

RT: 15.092 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

Instrument :

BNA_F

ClientSampleId :

SB-1125-23

Tgt Ion:252 Resp: 133315

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

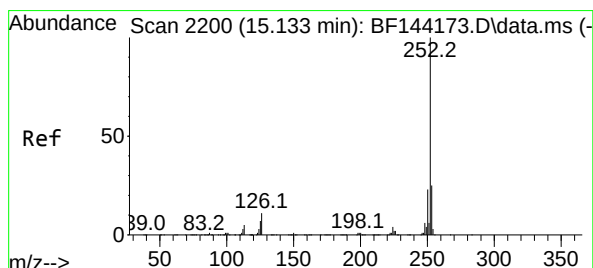
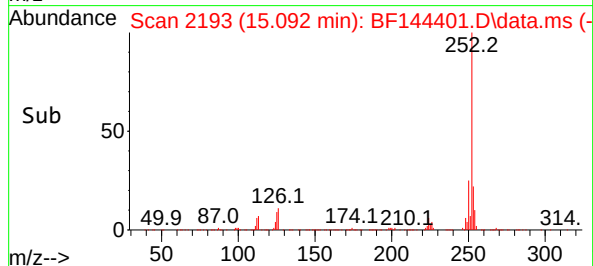
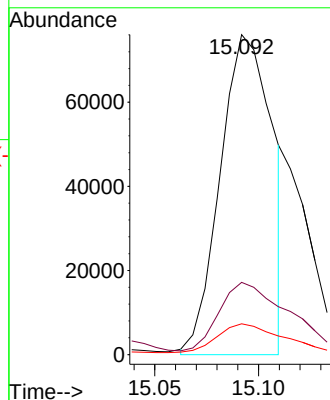
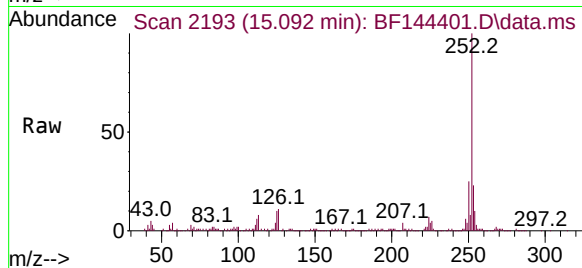
125 9.6 5.3 7.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#89

Benzo(k)fluoranthene

Concen: 5.195 ng m

RT: 15.110 min Scan# 2196

Delta R.T. -0.018 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

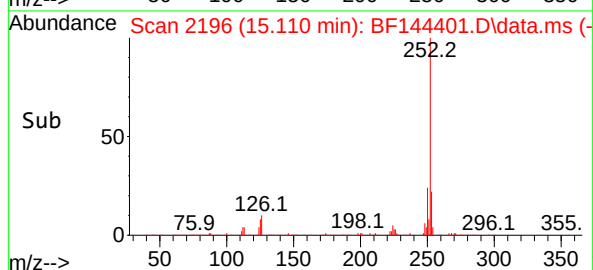
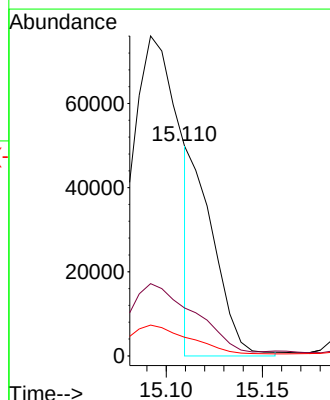
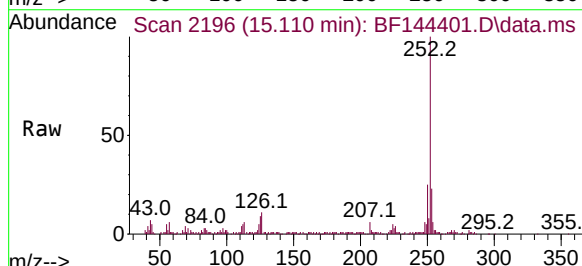
Tgt Ion:252 Resp: 41781

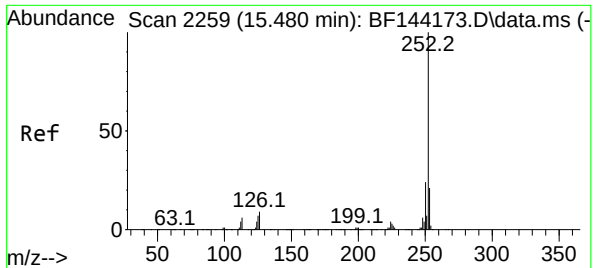
Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

125 8.9 5.4 8.2





#90

Benzo(a)pyrene

Concen: 13.243 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

Instrument :

BNA_F

ClientSampleId :

SB-1125-23

Tgt Ion:252 Resp: 10498

Ion Ratio Lower Upper

252 100

253 22.5 16.7 25.1

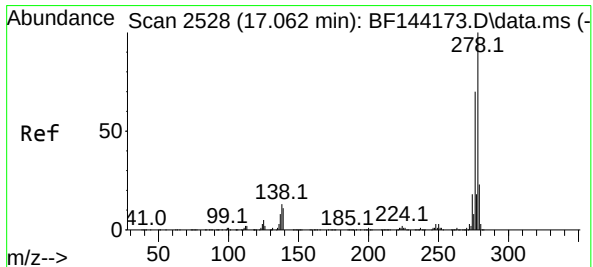
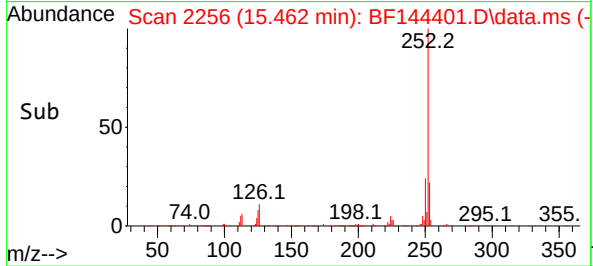
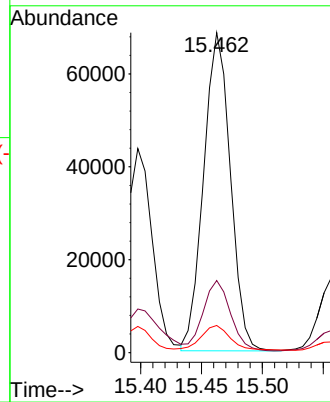
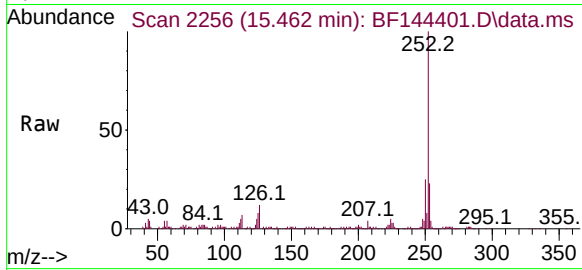
125 8.5 5.7 8.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#91

Dibenzo(a,h)anthracene

Concen: 2.021 ng

RT: 17.027 min Scan# 2522

Delta R.T. -0.024 min

Lab File: BF144401.D

Acq: 02 Dec 2025 14:21

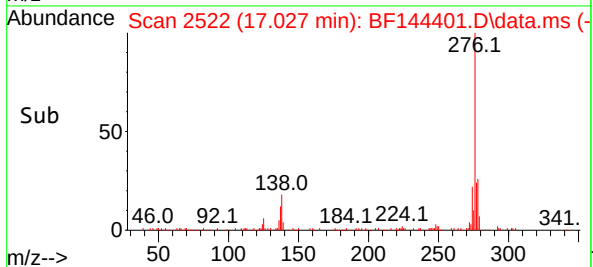
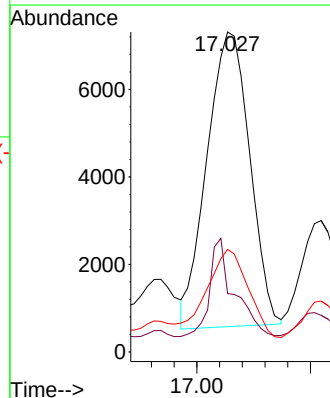
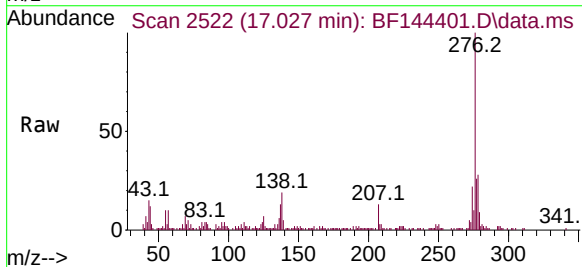
Tgt Ion:278 Resp: 17611

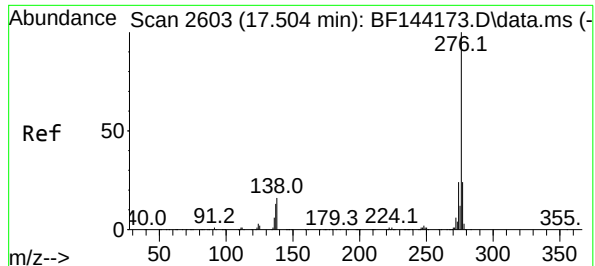
Ion Ratio Lower Upper

278 100

139 18.3 9.1 13.7#

279 32.0 18.2 27.4#





#92

Benzo(g,h,i)perylene

Concen: 5.877 ng

RT: 17.480 min Scan# 2599

Delta R.T. -0.012 min

Lab File: BF144401.D

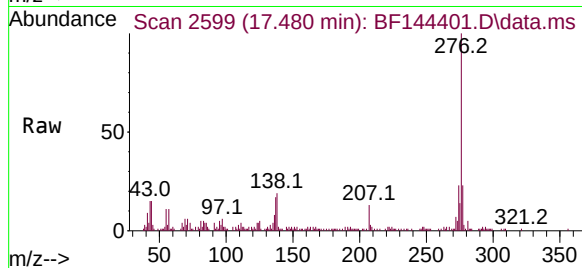
Acq: 02 Dec 2025 14:21

Instrument :

BNA_F

ClientSampleId :

SB-1125-23



Tgt Ion:276 Resp: 50569

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.4

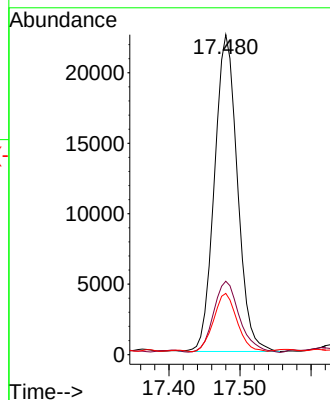
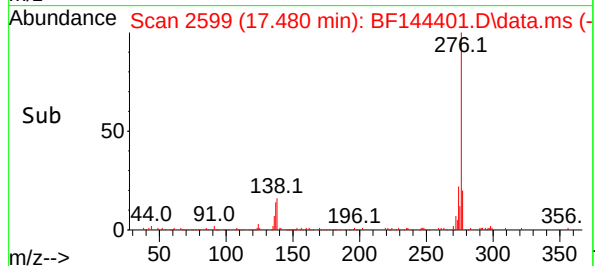
138 19.1 12.9 19.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
 Data File : BF144401.D
 Acq On : 02 Dec 2025 14:21
 Operator : RC/JU
 Sample : Q3742-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-23

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: BF144401.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	483	490	500	rBV	182687	266291	24.53%	1.635%
2	5.487	555	560	575	rBV	584977	823787	75.88%	5.057%
3	6.498	726	732	748	rBV	610303	839387	77.32%	5.152%
4	6.863	789	794	799	rBV	224643	284348	26.19%	1.745%
5	7.422	881	889	899	rBV	423588	541365	49.86%	3.323%
6	8.145	1006	1012	1022	rBV2	292495	471933	43.47%	2.897%
7	8.857	1128	1133	1139	rVB	68661	84319	7.77%	0.518%
8	8.957	1145	1150	1158	rVB	57129	71677	6.60%	0.440%
9	9.216	1189	1194	1200	rBV	809573	1022248	94.16%	6.275%
10	9.322	1208	1212	1217	rVB	15922	20950	1.93%	0.129%
11	9.416	1222	1228	1233	rVB	15340	24735	2.28%	0.152%
12	9.486	1233	1240	1245	rBV	35817	57802	5.32%	0.355%
13	9.557	1247	1252	1255	rBV	55664	80027	7.37%	0.491%
14	9.586	1255	1257	1261	rVB	29542	30107	2.77%	0.185%
15	9.675	1268	1272	1280	rVB	25319	44398	4.09%	0.273%
16	9.757	1280	1286	1291	rBV2	24966	35629	3.28%	0.219%
17	9.898	1302	1310	1314	rBV	337144	467130	43.03%	2.867%
18	9.933	1314	1316	1320	rVV	98380	103952	9.57%	0.638%
19	10.004	1324	1328	1332	rVB	10255	15704	1.45%	0.096%
20	10.057	1332	1337	1340	rBV2	12891	19963	1.84%	0.123%
21	10.104	1340	1345	1349	rVV	90666	121536	11.19%	0.746%
22	10.139	1349	1351	1355	rVB	17335	20064	1.85%	0.123%
23	10.216	1360	1364	1367	rBV2	18079	25137	2.32%	0.154%
24	10.245	1367	1369	1374	rVB	16839	18645	1.72%	0.114%
25	10.310	1374	1380	1387	rBV3	18451	46749	4.31%	0.287%
26	10.398	1389	1395	1398	rBV6	9256	14083	1.30%	0.086%
27	10.451	1398	1404	1409	rBV2	131899	173678	16.00%	1.066%
28	10.516	1409	1415	1416	rBV3	23472	40617	3.74%	0.249%
29	10.610	1427	1431	1437	rVB2	164362	237150	21.84%	1.456%
30	10.692	1440	1445	1450	rBV	511358	654688	60.30%	4.019%
31	10.816	1460	1466	1473	rVB7	14497	32013	2.95%	0.197%
32	10.922	1481	1484	1490	rBV	23590	31180	2.87%	0.191%
33	10.998	1490	1497	1500	rBV3	41817	80961	7.46%	0.497%
34	11.027	1500	1502	1504	rBV2	10871	11548	1.06%	0.071%
35	11.127	1514	1519	1520	rBV3	20227	29106	2.68%	0.179%
36	11.198	1527	1531	1535	rVB	53233	62636	5.77%	0.384%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144401.D
Acq On : 02 Dec 2025 14:21
Operator : RC/JU
Sample : Q3742-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-23

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.245	1535	1539	1543	rVV3	34277	55662	5.13%	0.342%
38	11.286	1543	1546	1553	rVB	62666	85540	7.88%	0.525%
39	11.392	1558	1564	1565	rBV	319276	351623	32.39%	2.158%
40	11.422	1565	1569	1573	rVV	780408	1085663	100.00%	6.664%
41	11.469	1573	1577	1581	rVV	198330	253911	23.39%	1.559%
42	11.504	1581	1583	1588	rVB2	17938	20158	1.86%	0.124%
43	11.627	1598	1604	1610	rVV2	66978	121038	11.15%	0.743%
44	11.686	1611	1614	1617	rVV	17222	21932	2.02%	0.135%
45	11.727	1617	1621	1626	rVB3	30776	43368	3.99%	0.266%
46	11.804	1631	1634	1638	rVB	15617	20440	1.88%	0.125%
47	11.921	1645	1654	1659	rBV2	243145	590550	54.40%	3.625%
48	11.969	1659	1662	1665	rBV	54789	70397	6.48%	0.432%
49	12.010	1665	1669	1676	rVB2	173968	337133	31.05%	2.069%
50	12.074	1676	1680	1682	rBV3	35867	49701	4.58%	0.305%
51	12.163	1692	1695	1696	rBV3	25208	24640	2.27%	0.151%
52	12.192	1696	1700	1703	rVV	67763	77037	7.10%	0.473%
53	12.221	1703	1705	1710	rVB	49632	54139	4.99%	0.332%
54	12.263	1710	1712	1716	rVB	11832	13323	1.23%	0.082%
55	12.345	1719	1726	1727	rBV2	69051	106292	9.79%	0.652%
56	12.445	1739	1743	1746	rBV	74049	100399	9.25%	0.616%
57	12.480	1746	1749	1755	rVV3	44518	84359	7.77%	0.518%
58	12.539	1755	1759	1766	rVB3	46780	71365	6.57%	0.438%
59	12.610	1766	1771	1776	rBV	534110	704257	64.87%	4.323%
60	12.698	1783	1786	1791	rVB2	51596	69636	6.41%	0.427%
61	12.839	1804	1810	1816	rBV	442088	671869	61.89%	4.124%
62	12.892	1816	1819	1826	rVB3	40266	62978	5.80%	0.387%
63	12.980	1827	1834	1842	rVB	595804	839811	77.35%	5.155%
64	13.063	1842	1848	1851	rBV2	57046	119460	11.00%	0.733%
65	13.168	1859	1866	1870	rVB	79033	136717	12.59%	0.839%
66	13.233	1874	1877	1880	rBV2	32364	40263	3.71%	0.247%
67	13.274	1880	1884	1891	rVB3	60938	100073	9.22%	0.614%
68	13.368	1896	1900	1902	rBV	35884	43366	3.99%	0.266%
69	13.398	1902	1905	1909	rVB	38176	43666	4.02%	0.268%
70	13.680	1950	1953	1956	rBV	42798	55838	5.14%	0.343%
71	13.792	1967	1972	1974	rBV	55344	85302	7.86%	0.524%
72	14.039	2007	2014	2017	rBV2	402669	698044	64.30%	4.285%
73	14.068	2017	2019	2026	rVB	221510	262032	24.14%	1.608%
74	14.315	2057	2061	2066	rVB2	37209	65492	6.03%	0.402%
75	14.433	2077	2081	2084	rBV	51140	69236	6.38%	0.425%
76	14.462	2084	2086	2090	rVB2	28539	30819	2.84%	0.189%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144401.D
Acq On : 02 Dec 2025 14:21
Operator : RC/JU
Sample : Q3742-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-23

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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

77	14.839	2147	2150	2155	rVB3	38603	57958	5.34%	0.356%
78	15.092	2188	2193	2204	rBV	191723	449297	41.38%	2.758%
79	15.398	2241	2245	2252	rBV2	107746	197112	18.16%	1.210%
80	15.462	2252	2256	2261	rVB	154202	227908	20.99%	1.399%
81	15.527	2262	2267	2279	rBV2	240112	430404	39.64%	2.642%
82	17.021	2516	2521	2529	rBV2	71577	153564	14.14%	0.943%
83	17.480	2594	2599	2613	rVB	56191	132219	12.18%	0.812%

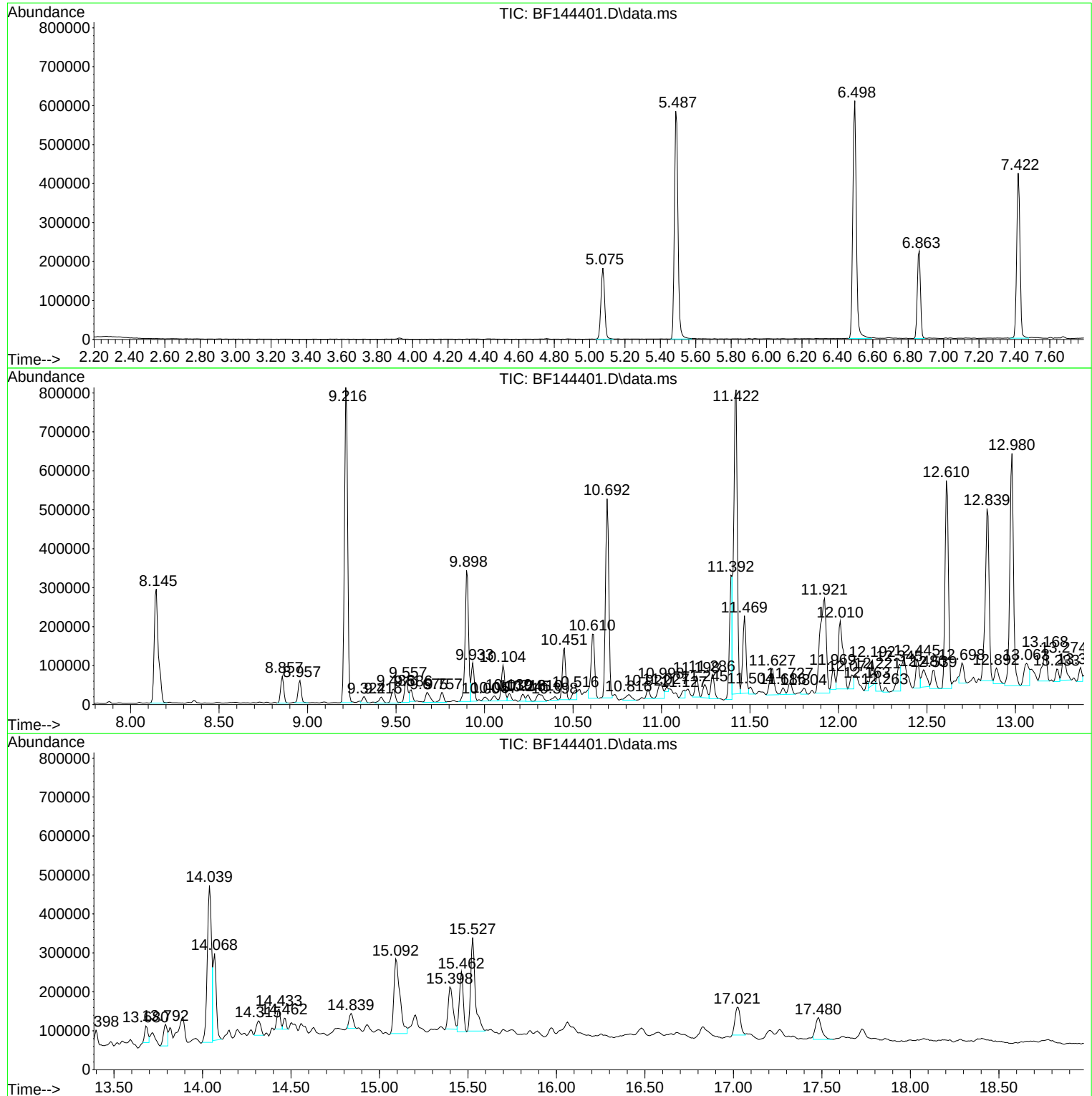
Sum of corrected areas: 16291534

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144401.D
Acq On : 02 Dec 2025 14:21
Operator : RC/JU
Sample : Q3742-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-23

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



A
B
C
D
E
F
G
H
I
J
K

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144401.D
Acq On : 02 Dec 2025 14:21
Operator : RC/JU
Sample : Q3742-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-23

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

A

B

C

D

E

F

G

H

I

J

K

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144401.D
Acq On : 02 Dec 2025 14:21
Operator : RC/JU
Sample : Q3742-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-23

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

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

A
B
C
D
E
F
G
H
I
J
K

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026215.D
 Acq On : 02 Dec 2025 19:59
 Operator : RC/JU
 Sample : Q3742-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-19

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025

Quant Time: Dec 03 00:22:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	241817	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	973069	20.000	ng	-0.02
39) Acenaphthene-d10	14.290	164	629073	20.000	ng	-0.04
64) Phenanthrene-d10	17.107	188	1276770	20.000	ng	-0.02
76) Chrysene-d12	21.548	240	1306666	20.000	ng	-0.02
86) Perylene-d12	24.830	264	1576459	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1392867	92.453	ng	0.00
7) Phenol-d6	6.843	99	1715769	89.457	ng	-0.01
23) Nitrobenzene-d5	8.796	82	1027361	59.972	ng	-0.02
42) 2,4,6-Tribromophenol	15.813	330	778959	95.454	ng	-0.02
45) 2-Fluorobiphenyl	12.896	172	2585511	60.236	ng	-0.04
79) Terphenyl-d14	19.836	244	4245021	66.244	ng	-0.04
Target Compounds						Qvalue
71) Phenanthrene	17.148	178	146193	2.033	ng	99
75) Fluoranthene	19.242	202	344725	3.945	ng	99
78) Pyrene	19.613	202	361968	4.225	ng	98
81) Benzo(a)anthracene	21.530	228	252727m	2.816	ng	
83) Chrysene	21.595	228	237895	2.813	ng	97
88) Benzo(b)fluoranthene	23.789	252	291257	3.034	ng	96
90) Benzo(a)pyrene	24.683	252	252219	2.774	ng	96

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

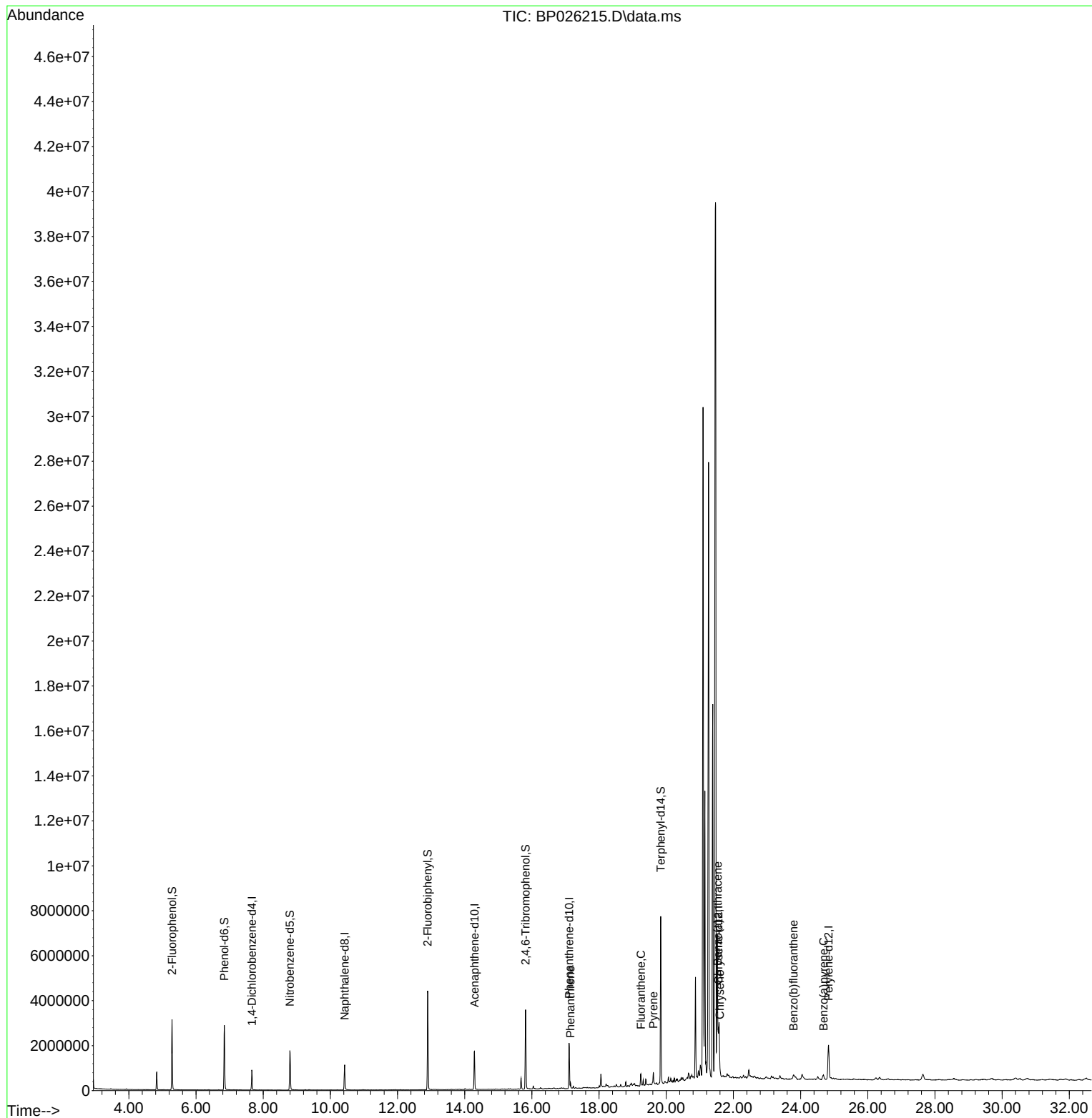
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026215.D
Acq On : 02 Dec 2025 19:59
Operator : RC/JU
Sample : Q3742-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

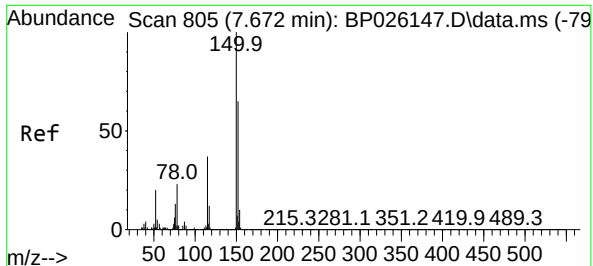
Instrument :
BNA_P
ClientSampleId :
SB-1125-19

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

Quant Time: Dec 03 00:22:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration





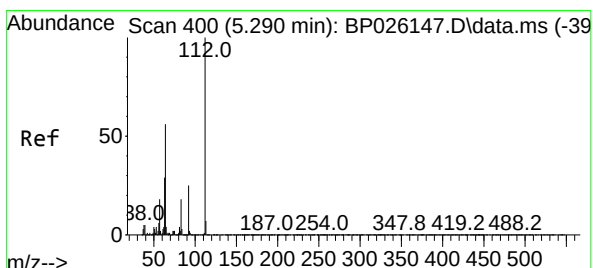
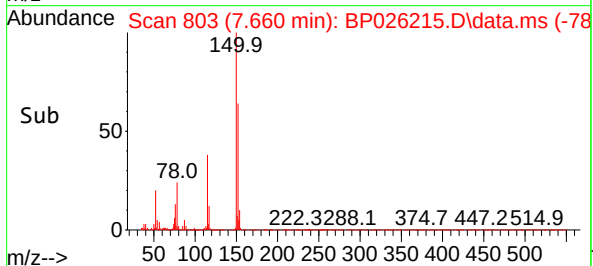
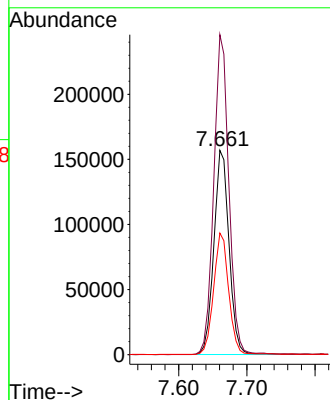
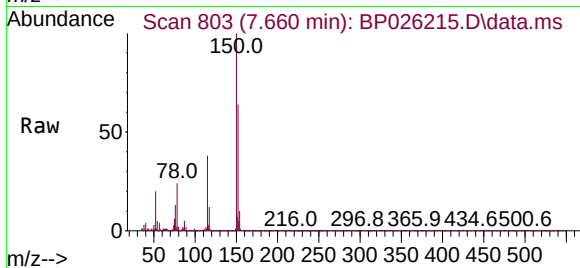
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.660 min Scan# 805
Delta R.T. -0.011 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

Instrument :
BNA_P
ClientSampleId :
SB-1125-19

Tgt Ion:152 Resp: 241817
Ion Ratio Lower Upper
152 100
150 156.6 123.0 184.6
115 59.5 46.3 69.5

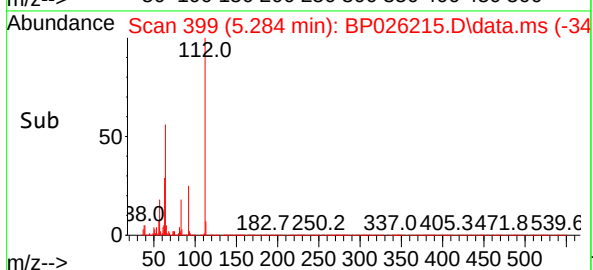
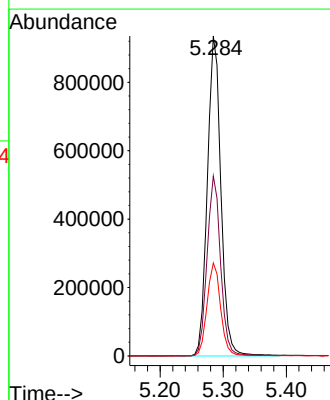
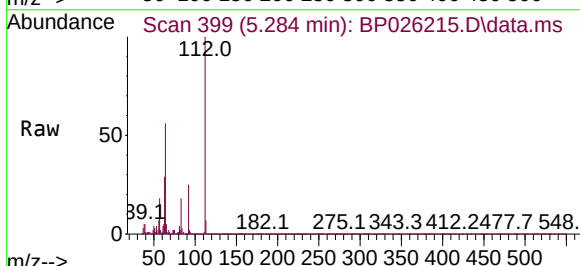
Manual Integrations
APPROVED

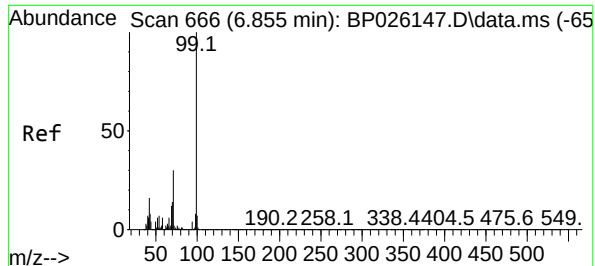
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#5
2-Fluorophenol
Concen: 92.453 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

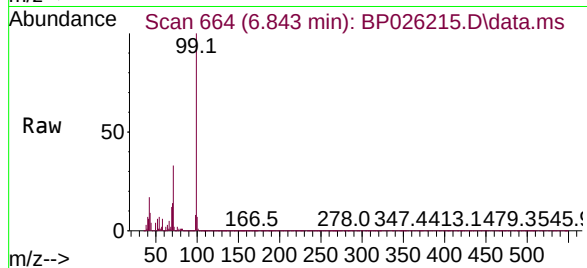
Tgt Ion:112 Resp: 1392867
Ion Ratio Lower Upper
112 100
64 56.2 45.8 68.6
63 29.0 23.5 35.3





#7
Phenol-d6
Concen: 89.457 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

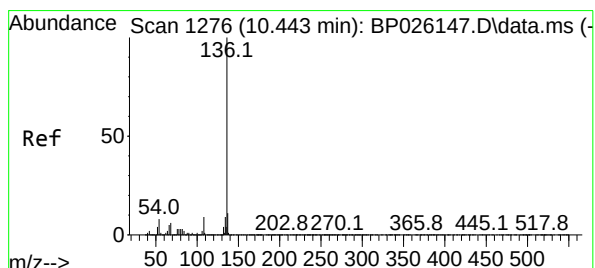
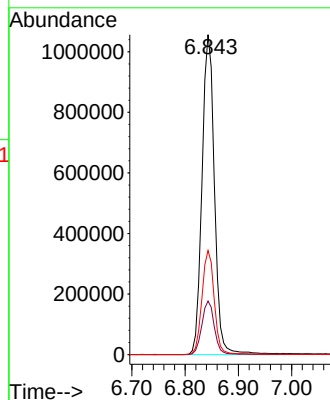
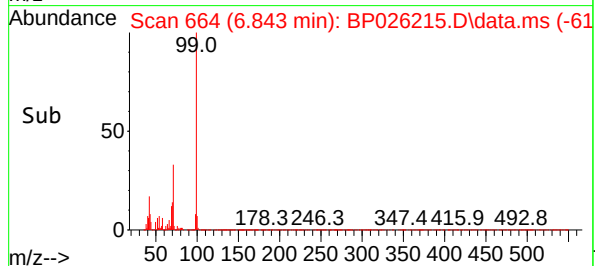
Instrument :
BNA_P
ClientSampleId :
SB-1125-19



Tgt Ion: 99 Resp: 1715769
Ion Ratio Lower Upper
99 100
42 16.7 12.9 19.3
71 32.5 24.8 37.2

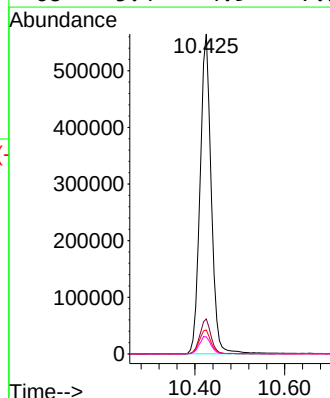
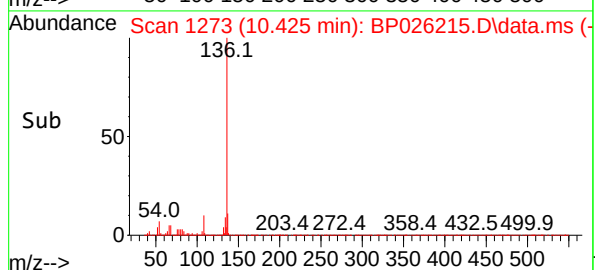
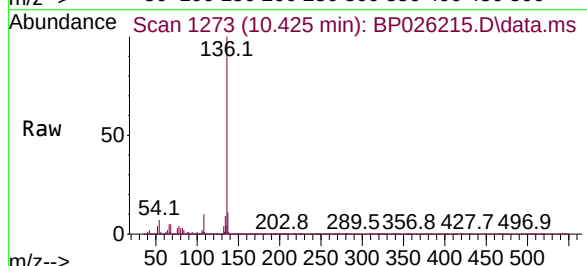
Manual Integrations
APPROVED

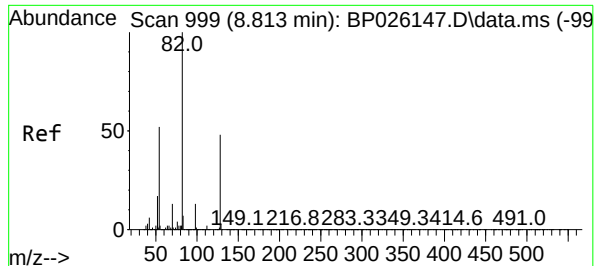
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.023 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

Tgt Ion:136 Resp: 973069
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.5 6.4 9.6
68 5.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 59.972 ng

RT: 8.796 min Scan# 99

Delta R.T. -0.017 min

Lab File: BP026215.D

Acq: 02 Dec 2025 19:59

Instrument :

BNA_P

ClientSampleId :

SB-1125-19

Tgt Ion: 82 Resp: 102736

Ion Ratio Lower Upper

82 100

128 46.4 37.4 56.0

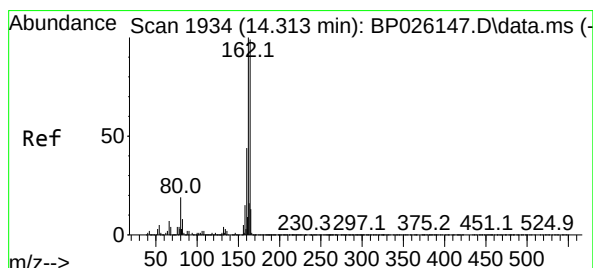
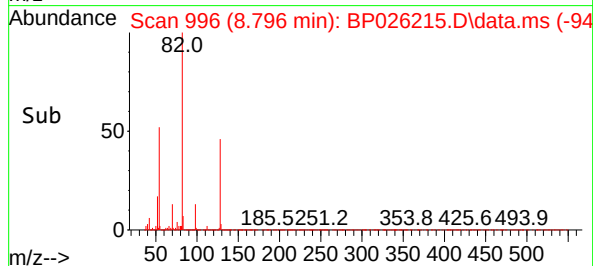
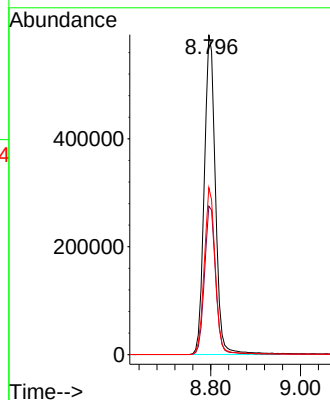
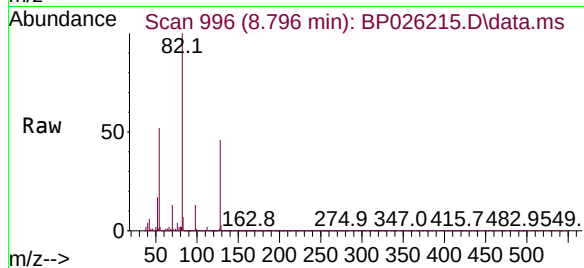
54 52.2 41.6 62.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.290 min Scan# 1930

Delta R.T. -0.035 min

Lab File: BP026215.D

Acq: 02 Dec 2025 19:59

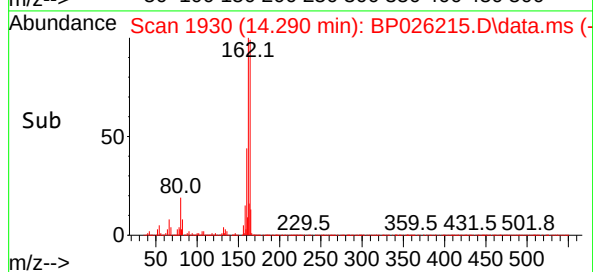
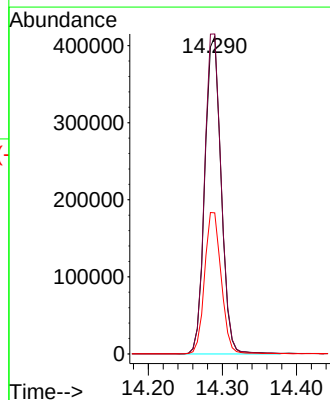
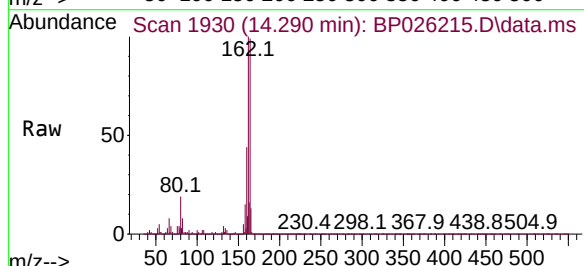
Tgt Ion:164 Resp: 629073

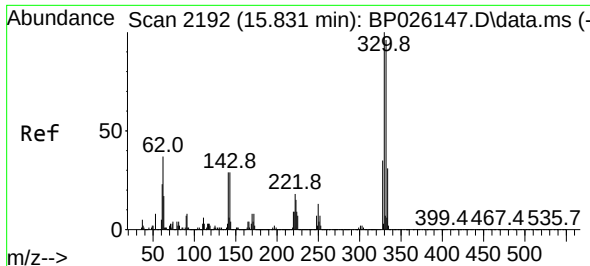
Ion Ratio Lower Upper

164 100

162 100.9 80.3 120.5

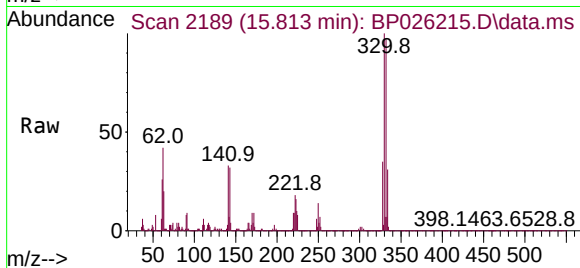
160 44.5 35.2 52.8





#42
2,4,6-Tribromophenol
Concen: 95.454 ng
RT: 15.813 min Scan# 2192
Delta R.T. -0.023 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

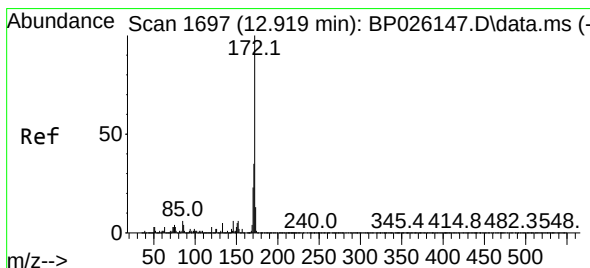
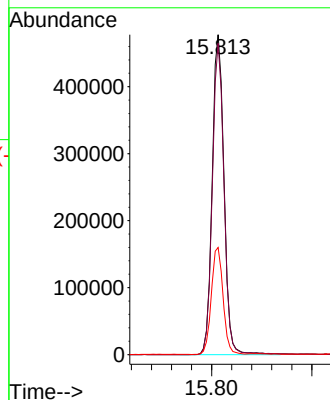
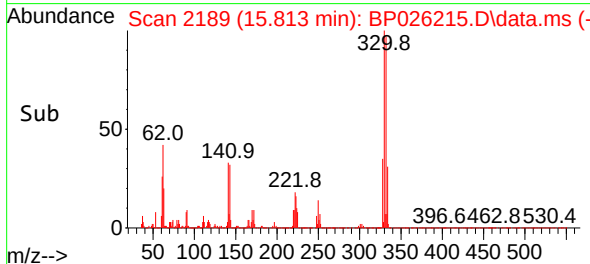
Instrument :
BNA_P
ClientSampleId :
SB-1125-19



Tgt Ion: 330 Resp: 778959
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 33.3 26.8 40.2

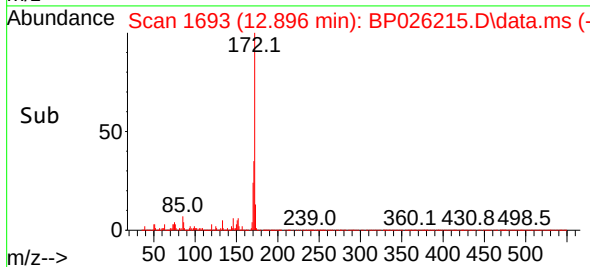
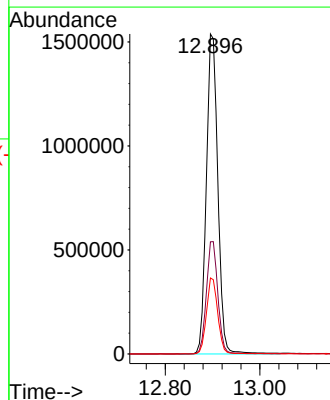
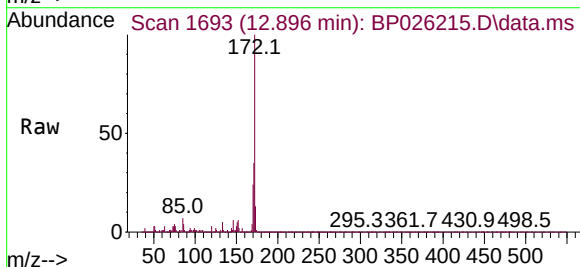
Manual Integrations
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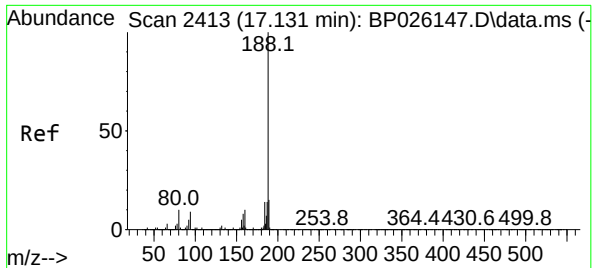
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#45
2-Fluorobiphenyl
Concen: 60.236 ng
RT: 12.896 min Scan# 1693
Delta R.T. -0.035 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

Tgt Ion: 172 Resp: 2585511
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.7 18.7 28.1





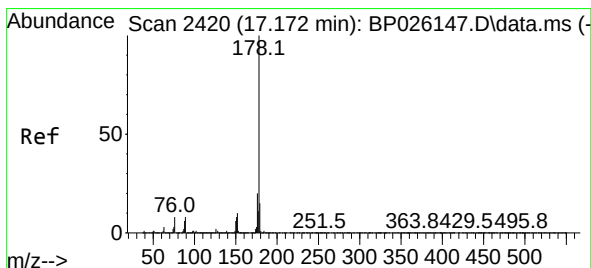
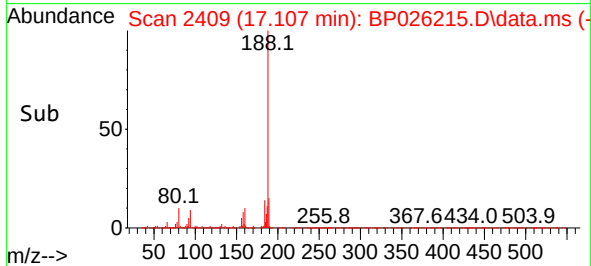
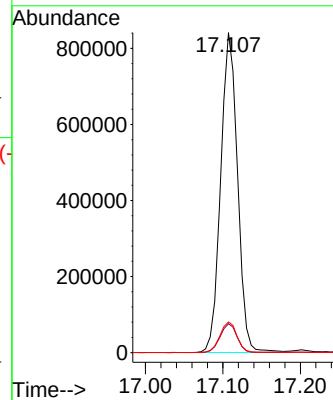
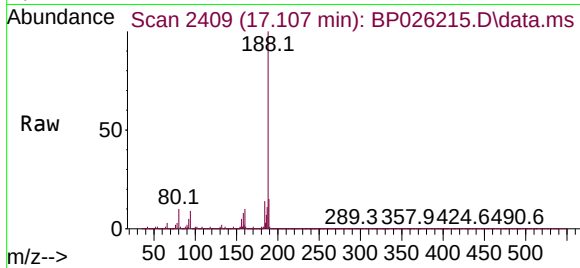
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.107 min Scan# 2413
Delta R.T. -0.023 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

Instrument :
BNA_P
ClientSampleId :
SB-1125-19

Tgt Ion:188 Resp: 1276770
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.6
80 9.6 8.2 12.2

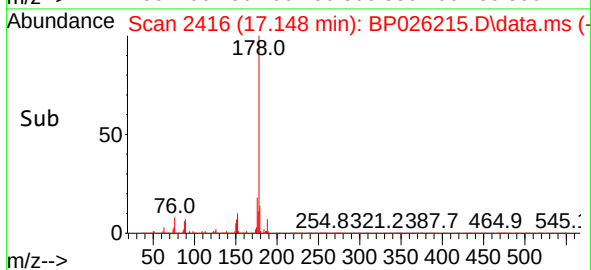
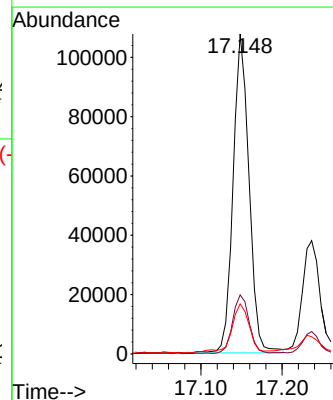
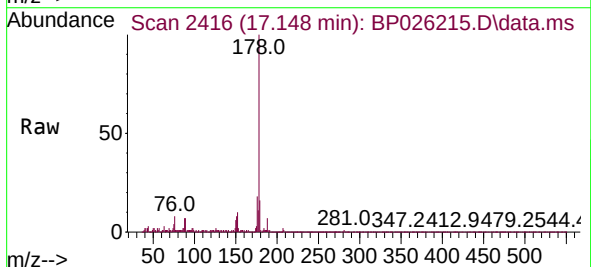
Manual Integrations
APPROVED

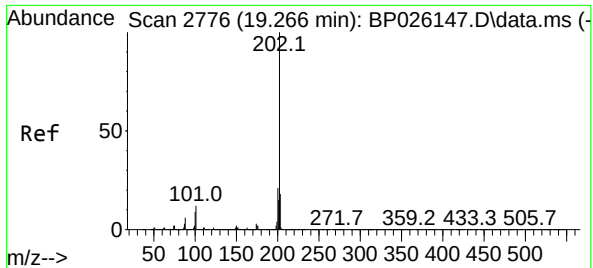
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#71
Phenanthrene
Concen: 2.033 ng
RT: 17.148 min Scan# 2416
Delta R.T. -0.029 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

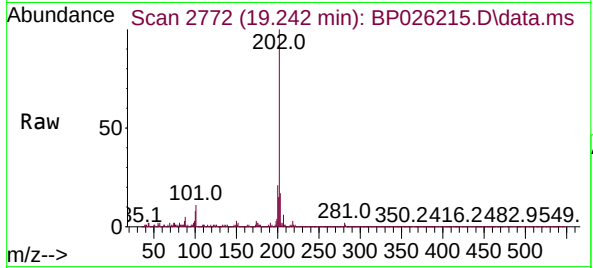
Tgt Ion:178 Resp: 146193
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.6 12.4 18.6





#75
Fluoranthene
Concen: 3.945 ng
RT: 19.242 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

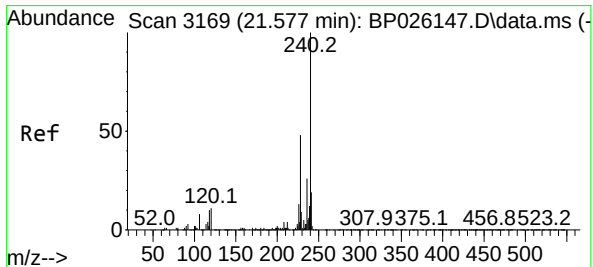
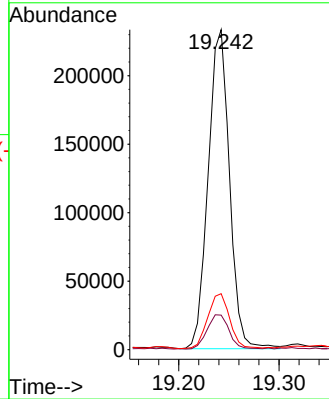
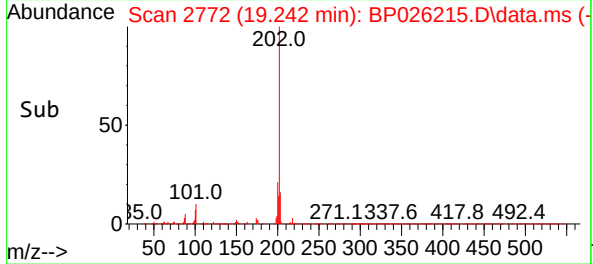
Instrument :
BNA_P
ClientSampleId :
SB-1125-19



Tgt Ion:202 Resp: 344725
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.2
203 17.5 0.0 37.7

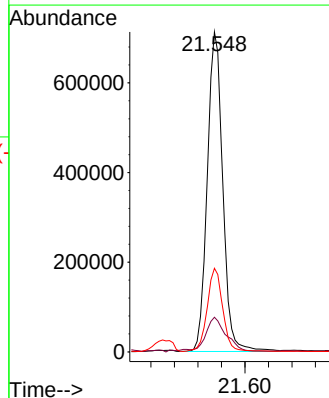
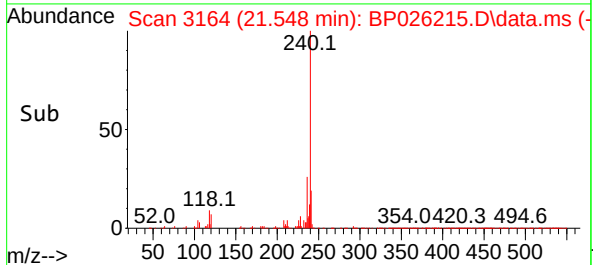
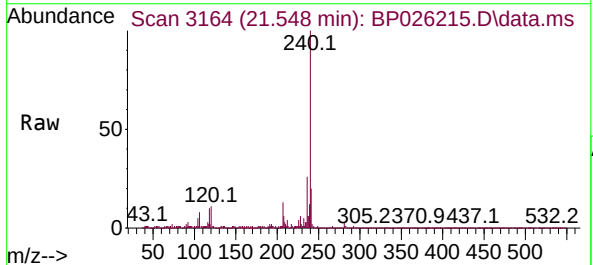
Manual Integrations
APPROVED

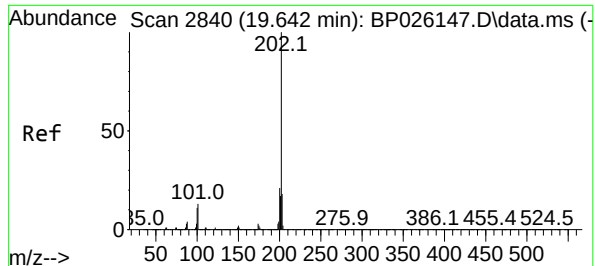
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.548 min Scan# 3164
Delta R.T. -0.023 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

Tgt Ion:240 Resp: 1306666
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.4
236 26.1 20.4 30.6





#78

Pyrene

Concen: 4.225 ng

RT: 19.613 min Scan# 2840

Delta R.T. -0.029 min

Lab File: BP026215.D

Acq: 02 Dec 2025 19:59

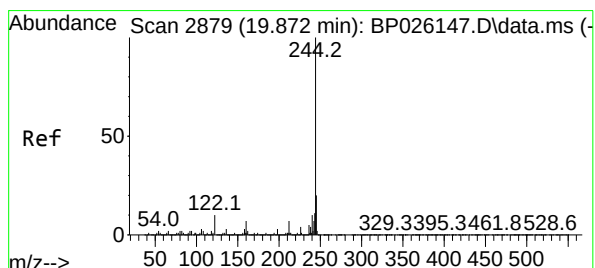
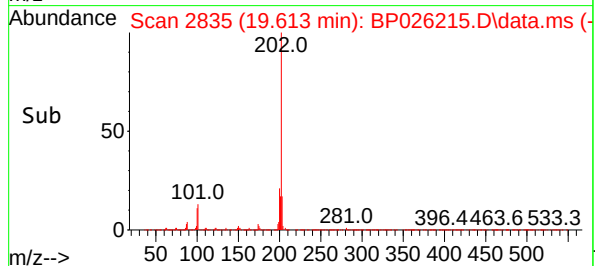
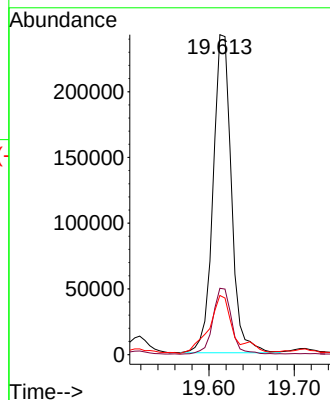
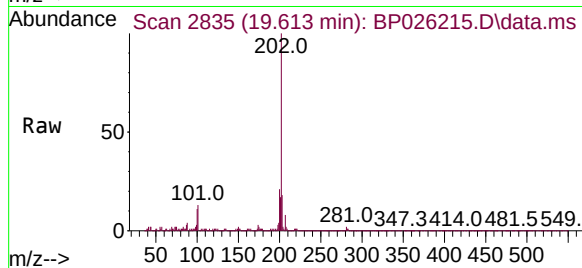
Instrument :

BNA_P

ClientSampleId :

SB-1125-19

Tgt Ion:	202	Resp:	361968
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.9	25.3
203	18.5	13.8	20.8

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

#79

Terphenyl-d14

Concen: 66.244 ng

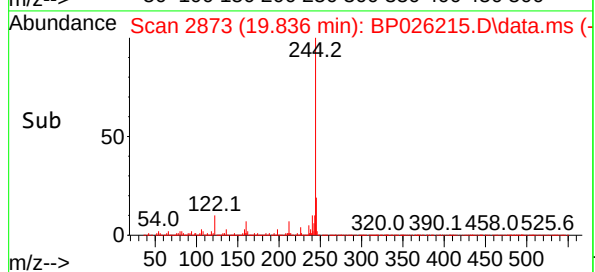
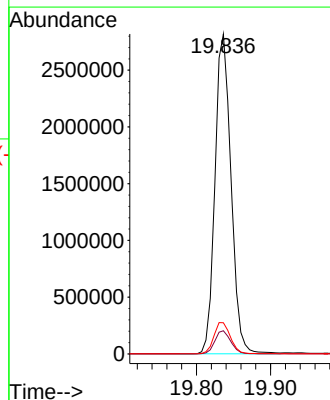
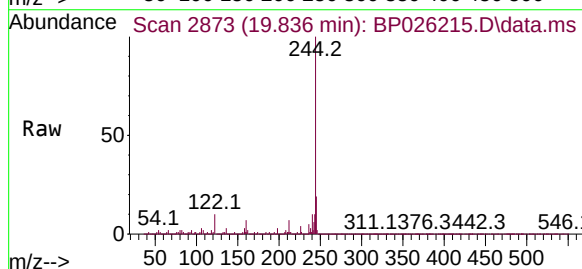
RT: 19.836 min Scan# 2873

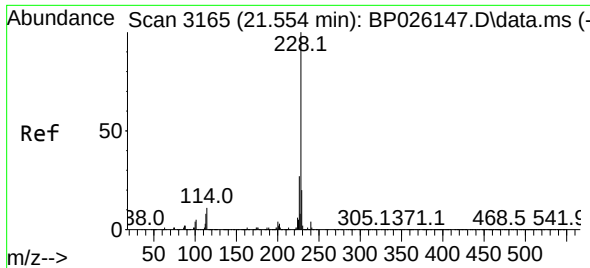
Delta R.T. -0.035 min

Lab File: BP026215.D

Acq: 02 Dec 2025 19:59

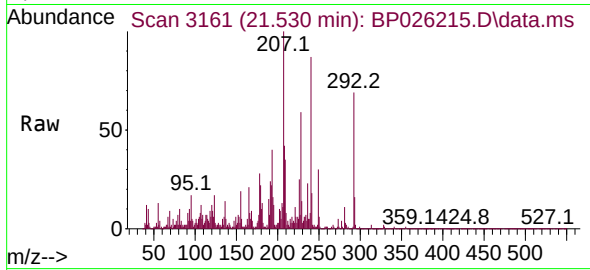
Tgt Ion:	244	Resp:	4245021
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.8
122	9.8	8.2	12.2





#81
Benzo(a)anthracene
Concen: 2.816 ng m
RT: 21.530 min Scan# 3161
Delta R.T. -0.023 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

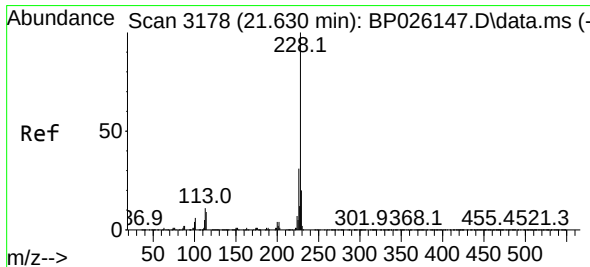
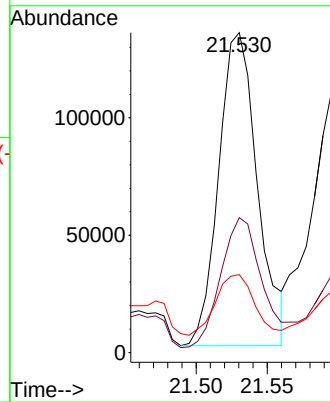
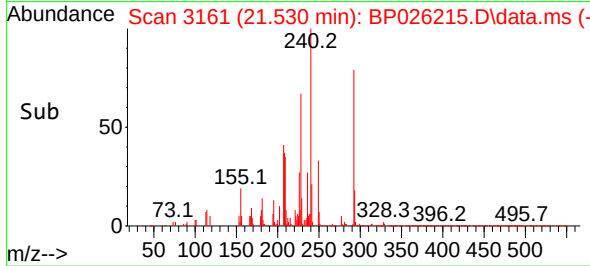
Instrument :
BNA_P
ClientSampleId :
SB-1125-19



Tgt Ion:228 Resp: 25272
Ion Ratio Lower Upper
228 100
226 42.2 21.8 32.8
229 24.4 15.9 23.9

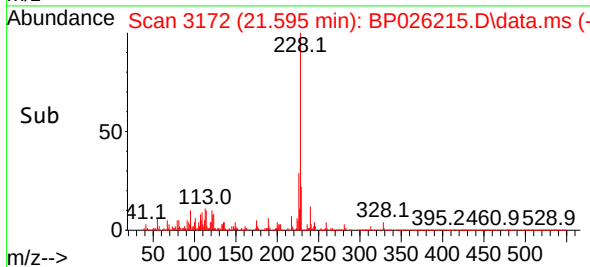
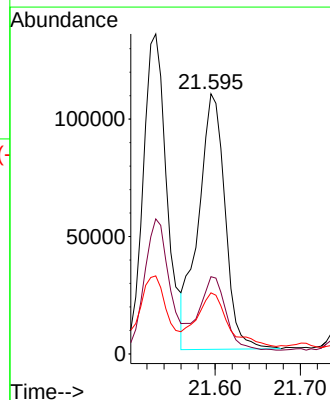
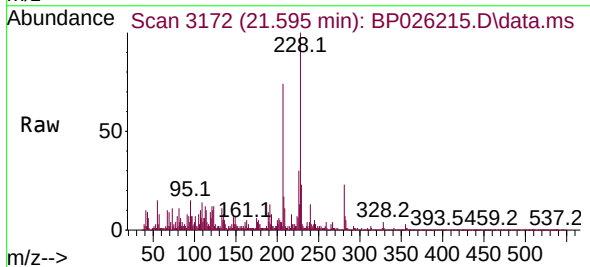
Manual Integrations
APPROVED

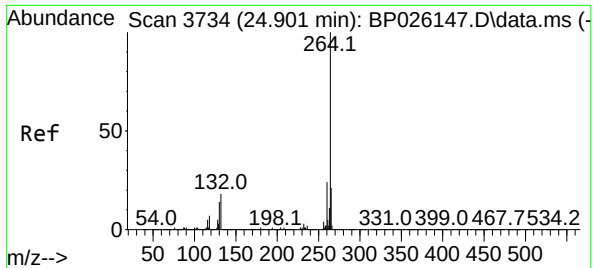
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#83
Chrysene
Concen: 2.813 ng
RT: 21.595 min Scan# 3172
Delta R.T. -0.023 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

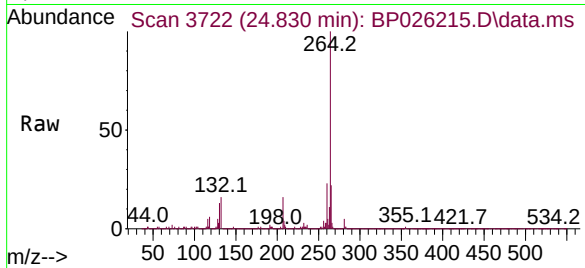
Tgt Ion:228 Resp: 237895
Ion Ratio Lower Upper
228 100
226 29.7 23.9 35.9
229 23.5 15.9 23.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.830 min Scan# 31
 Delta R.T. -0.076 min
 Lab File: BP026215.D
 Acq: 02 Dec 2025 19:59

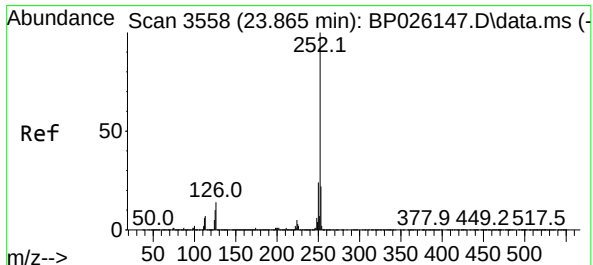
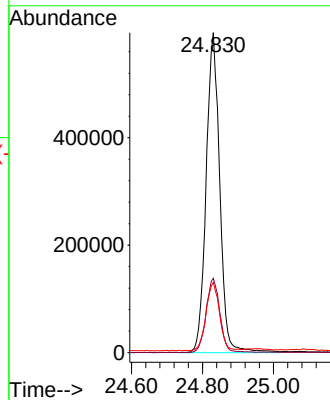
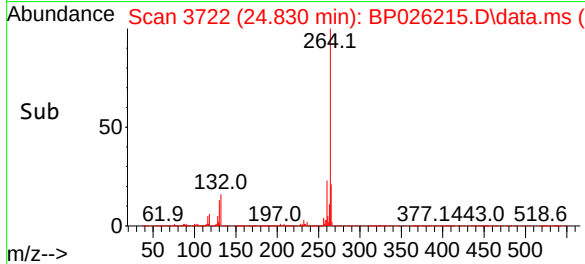
Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-19



Tgt Ion:264 Resp: 1576459
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.9 17.5 26.3

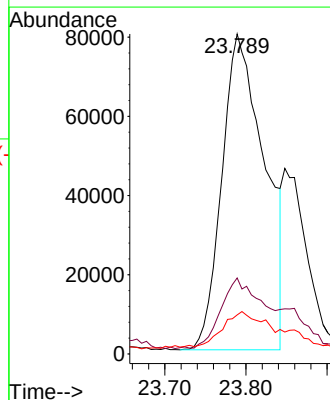
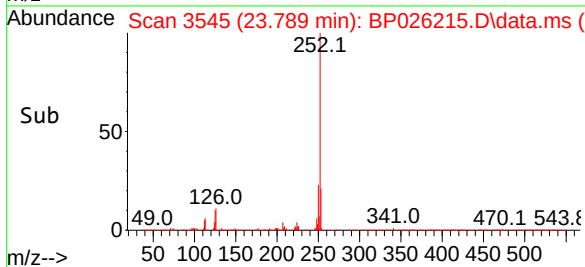
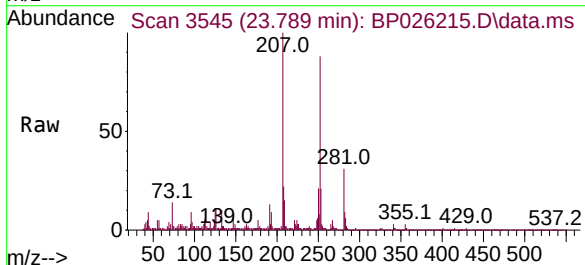
Manual Integrations
 APPROVED

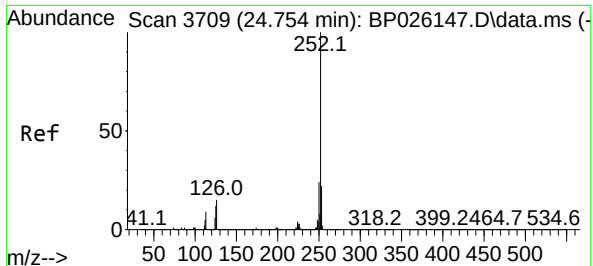
Reviewed By :Jagrut Upadhyay 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025



#88
 Benzo(b)fluoranthene
 Concen: 3.034 ng
 RT: 23.789 min Scan# 3545
 Delta R.T. -0.076 min
 Lab File: BP026215.D
 Acq: 02 Dec 2025 19:59

Tgt Ion:252 Resp: 291257
 Ion Ratio Lower Upper
 252 100
 253 23.7 17.6 26.4
 125 12.2 8.2 12.4





#90

Benzo(a)pyrene

Concen: 2.774 ng

RT: 24.683 min Scan# 30

Delta R.T. -0.070 min

Lab File: BP026215.D

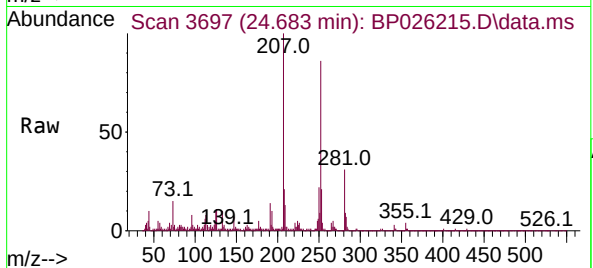
Acq: 02 Dec 2025 19:59

Instrument :

BNA_P

ClientSampleId :

SB-1125-19

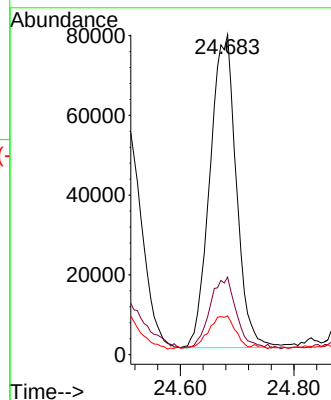
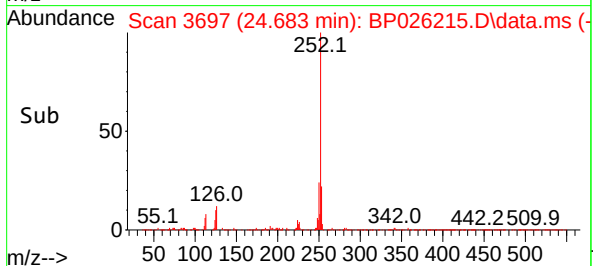


Tgt Ion:	252	Resp:	252219
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.4	26.2
125	12.1	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026215.D
Acq On : 02 Dec 2025 19:59
Operator : RC/JU
Sample : Q3742-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-19

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026215.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.831	316	322	333	rVB	798894	1118190	1.25%	0.367%
2	5.284	392	399	417	rBV	3134899	4660910	5.22%	1.531%
3	6.843	656	664	681	rBV	2878727	4714995	5.29%	1.549%
4	7.661	796	803	811	rBV	890869	1358107	1.52%	0.446%
5	8.796	986	996	1008	rBV	1751383	3020044	3.39%	0.992%
6	10.425	1265	1273	1287	rBV	1120907	1986083	2.23%	0.652%
7	12.896	1686	1693	1707	rBV	4408488	7296838	8.18%	2.397%
8	14.290	1921	1930	1938	rBV	1697650	2665153	2.99%	0.876%
9	15.813	2182	2189	2199	rBV	3528471	5817978	6.52%	1.911%
10	17.107	2403	2409	2414	rBV2	2027331	3122905	3.50%	1.026%
11	18.054	2565	2570	2579	rBV	574622	902850	1.01%	0.297%
12	19.242	2766	2772	2779	rBV	550074	904954	1.01%	0.297%
13	19.613	2827	2835	2844	rBV	541647	1053194	1.18%	0.346%
14	19.836	2867	2873	2885	rVB	7444140	11337569	12.71%	3.724%
15	20.872	3043	3049	3054	rBV	4488828	6068340	6.80%	1.993%
16	21.013	3069	3073	3079	rBV5	459731	925741	1.04%	0.304%
17	21.095	3080	3087	3092	rBV2	29727053	50993922	57.16%	16.752%
18	21.148	3092	3096	3100	rVB	12102578	15863113	17.78%	5.211%
19	21.260	3106	3115	3121	rBV2	27163794	46032805	51.60%	15.122%
20	21.383	3129	3136	3142	rBV	16587135	26487266	29.69%	8.701%
21	21.466	3142	3150	3154	rVV2	38895626	89207482	100.00%	29.305%
22	21.519	3154	3159	3163	rVV2	6331586	11236334	12.60%	3.691%
23	21.572	3166	3168	3182	rVB2	2417005	3929656	4.41%	1.291%
24	24.830	3714	3722	3732	rBV	1475227	3703484	4.15%	1.217%

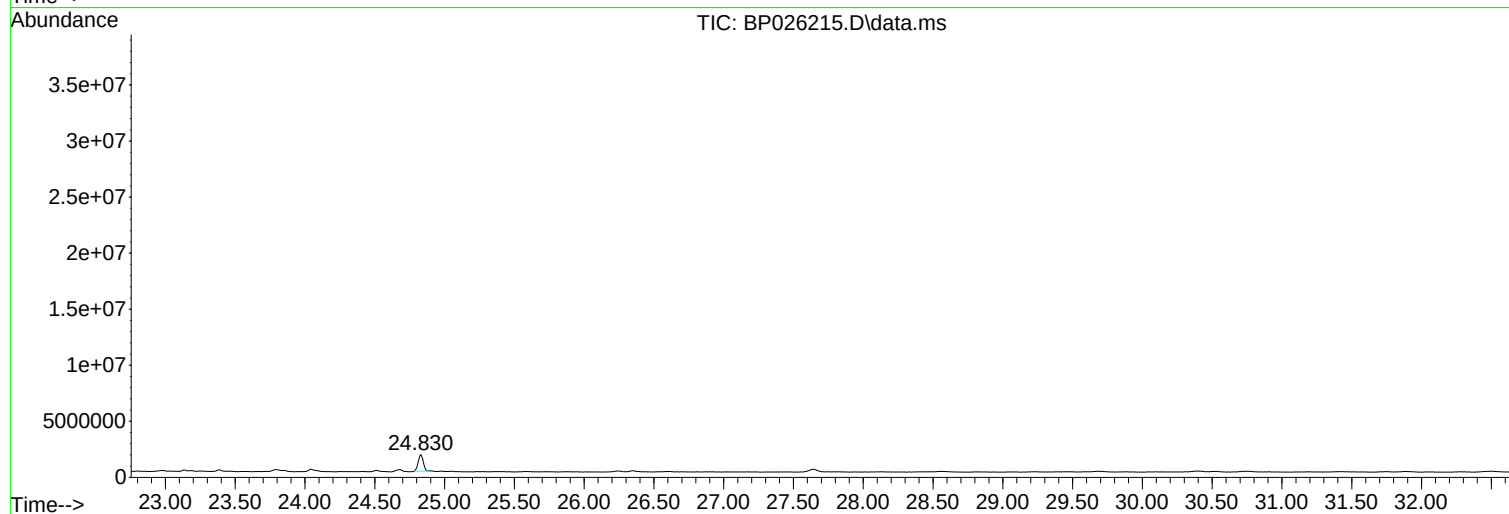
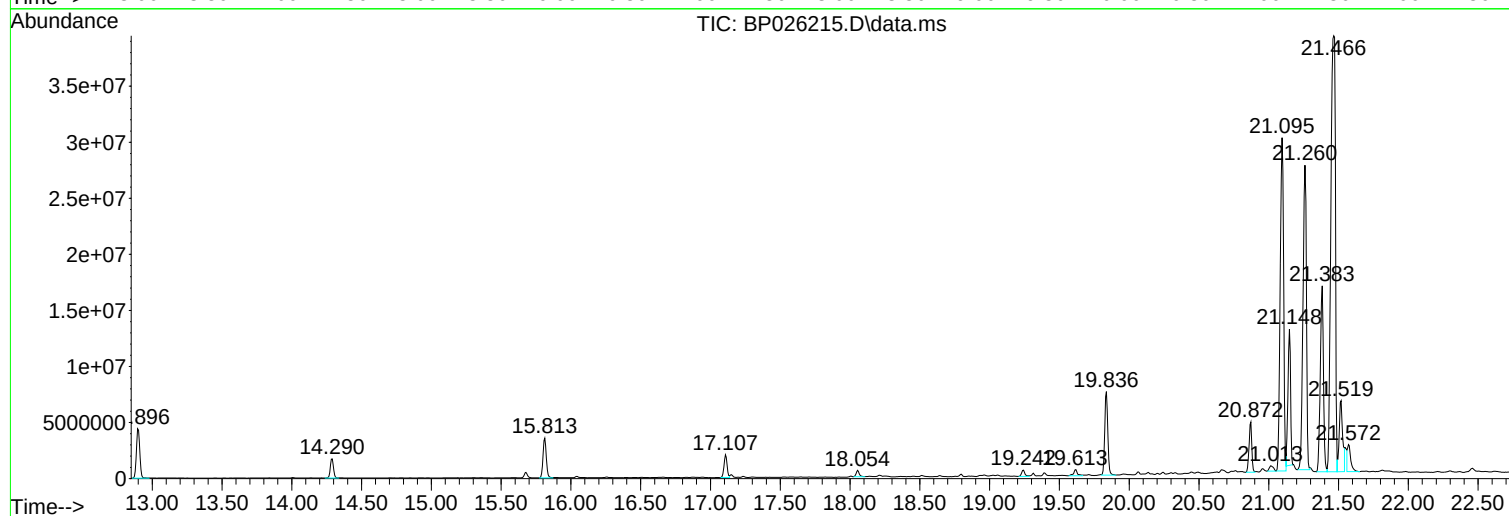
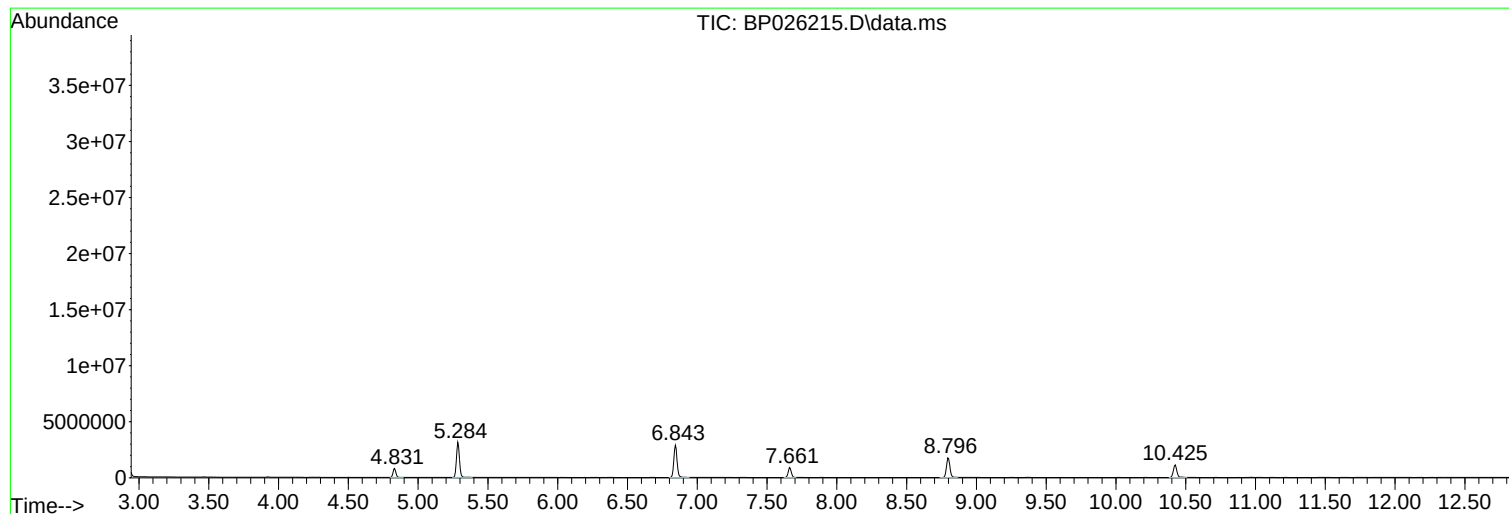
Sum of corrected areas: 304407913

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026215.D
Acq On : 02 Dec 2025 19:59
Operator : RC/JU
Sample : Q3742-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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\BP120225\
Data File : BP026215.D
Acq On : 02 Dec 2025 19:59
Operator : RC/JU
Sample : Q3742-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-19

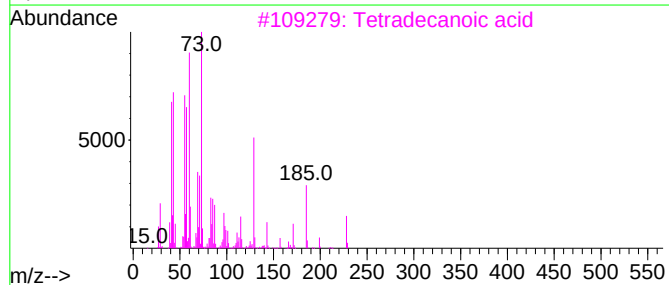
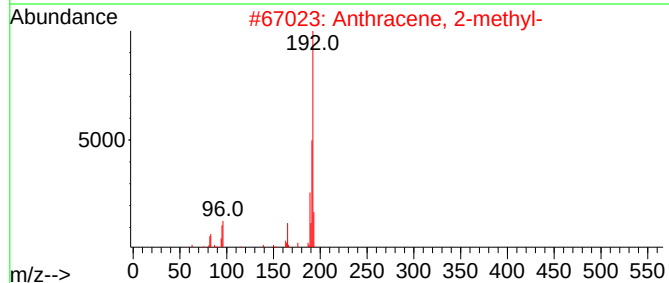
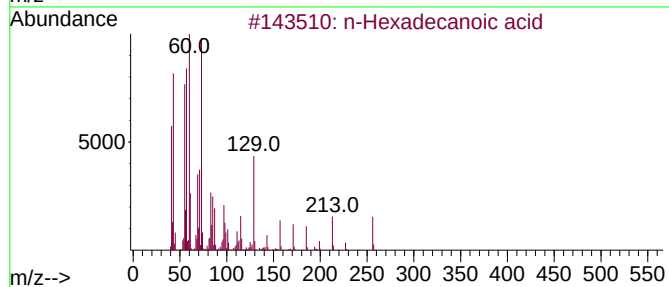
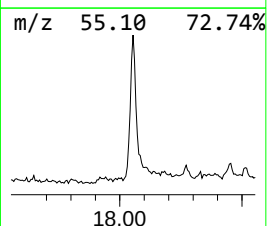
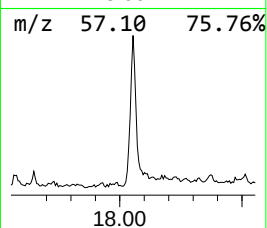
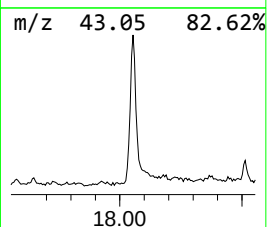
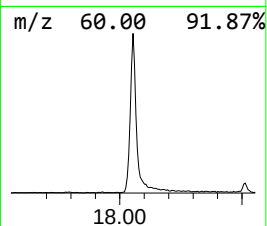
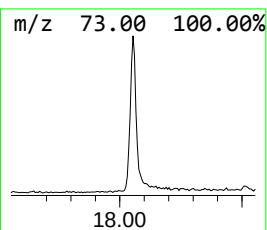
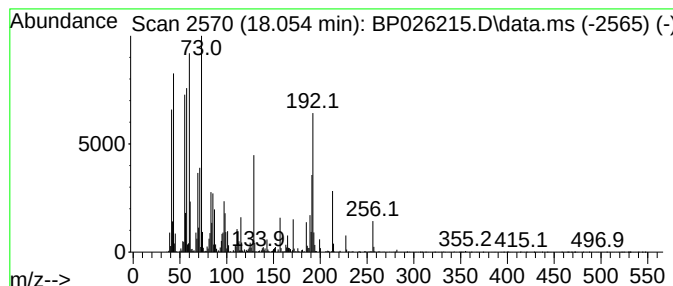
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.054	5.78 ng	902850	Phenanthrene-d10	17.107

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4			Octadecanoic acid	284	C18H36O2	000057-11-4	76
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026215.D
Acq On : 02 Dec 2025 19:59
Operator : RC/JU
Sample : Q3742-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-19

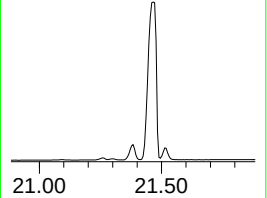
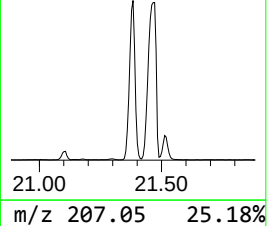
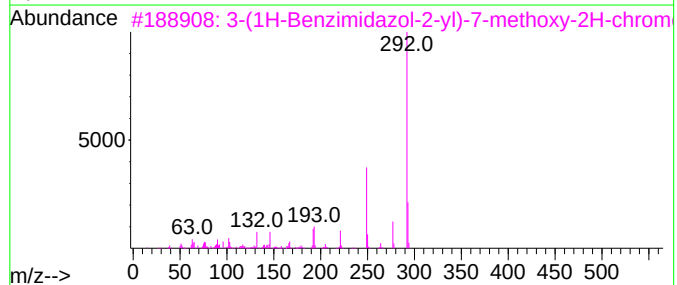
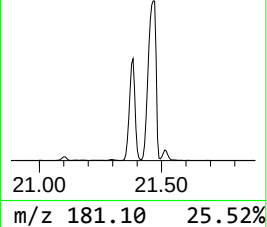
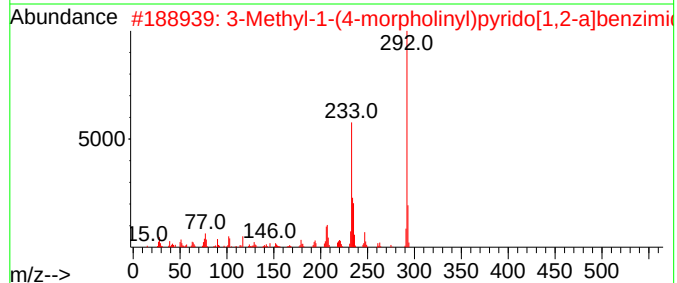
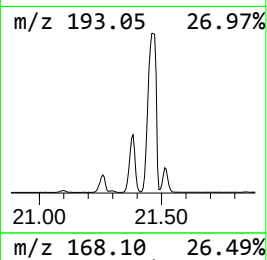
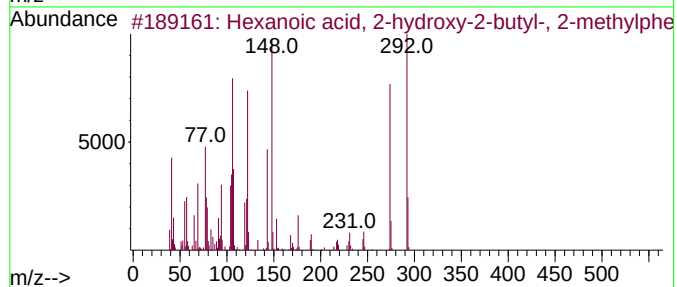
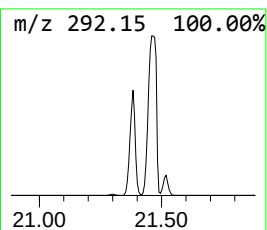
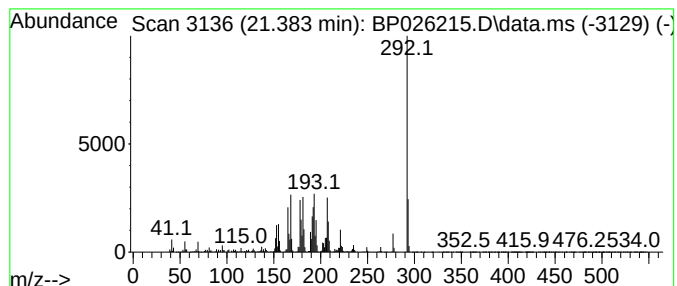
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexanoic acid, 2-hydroxy-2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.383	134.81 ng	26487300	Chrysene-d12	21.548

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 2-hydroxy-2-butyl...	292	C17H28N2O2	006361-96-2	91
2			3-Methyl-1-(4-morpholinyl)pyrido...	292	C17H16N4O	1000331-84-7	35
3			3-(1H-Benzimidazol-2-yl)-7-metho...	292	C17H12N2O3	093326-79-5	30
4			Piperonylidene malonic acid diet...	292	C15H16O6	005458-69-5	30
5			(4-Methoxynaphthalen-1-yl)(4-met...	292	C18H16N2O2	071811-75-1	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026215.D
Acq On : 02 Dec 2025 19:59
Operator : RC/JU
Sample : Q3742-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.054	5.8	ng	902850	4	17.107	3122910	20.0
Hexanoic acid, ...	21.383	134.8	ng	26487300	5	21.548	3929660	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026219.D
 Acq On : 02 Dec 2025 22:43
 Operator : RC/JU
 Sample : Q3742-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-8

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025

Quant Time: Dec 03 00:25:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	252451	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	1029964	20.000	ng	-0.02
39) Acenaphthene-d10	14.290	164	659114	20.000	ng	-0.04
64) Phenanthrene-d10	17.095	188	1295466	20.000	ng	-0.04
76) Chrysene-d12	21.536	240	1364770	20.000	ng	-0.04
86) Perylene-d12	24.836	264	1578690	20.000	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1284961	81.698	ng	0.00
7) Phenol-d6	6.843	99	1614990	80.656	ng	-0.01
23) Nitrobenzene-d5	8.796	82	976830	53.872	ng	-0.02
42) 2,4,6-Tribromophenol	15.807	330	724735	84.761	ng	-0.03
45) 2-Fluorobiphenyl	12.901	172	2517477	55.978	ng	-0.03
79) Terphenyl-d14	19.830	244	3670021	54.832	ng	-0.04
Target Compounds						
						Qvalue
9) Benzaldehyde	6.813	77	47316	4.509	ng	96
31) Naphthalene	10.478	128	535396	9.618	ng	99
32) Benzoic acid	9.666	122	30585m	2.170	ng	
37) 2-Methylnaphthalene	12.090	142	502264	12.728	ng	99
38) 1-Methylnaphthalene	12.307	142	409977	10.629	ng	98
55) Dibenzofuran	14.695	168	187018	3.201	ng	# 94
71) Phenanthrene	17.136	178	852645	11.684	ng	100
74) Di-n-butylphthalate	18.119	149	814616	9.720	ng	100
75) Fluoranthene	19.236	202	1007951	11.368	ng	99
78) Pyrene	19.613	202	913921	10.213	ng	98
81) Benzo(a)anthracene	21.519	228	516539	5.511	ng	97
83) Chrysene	21.583	228	600037m	6.793	ng	
87) Indeno(1,2,3-cd)pyrene	28.589	276	390312	3.297	ng	92
88) Benzo(b)fluoranthene	23.807	252	785081	8.166	ng	98
89) Benzo(k)fluoranthene	23.860	252	271786m	2.830	ng	
90) Benzo(a)pyrene	24.677	252	527573	5.793	ng	96
92) Benzo(g,h,i)perylene	29.724	276	381228	3.957	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026219.D
Acq On : 02 Dec 2025 22:43
Operator : RC/JU
Sample : Q3742-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SB-1125-8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025

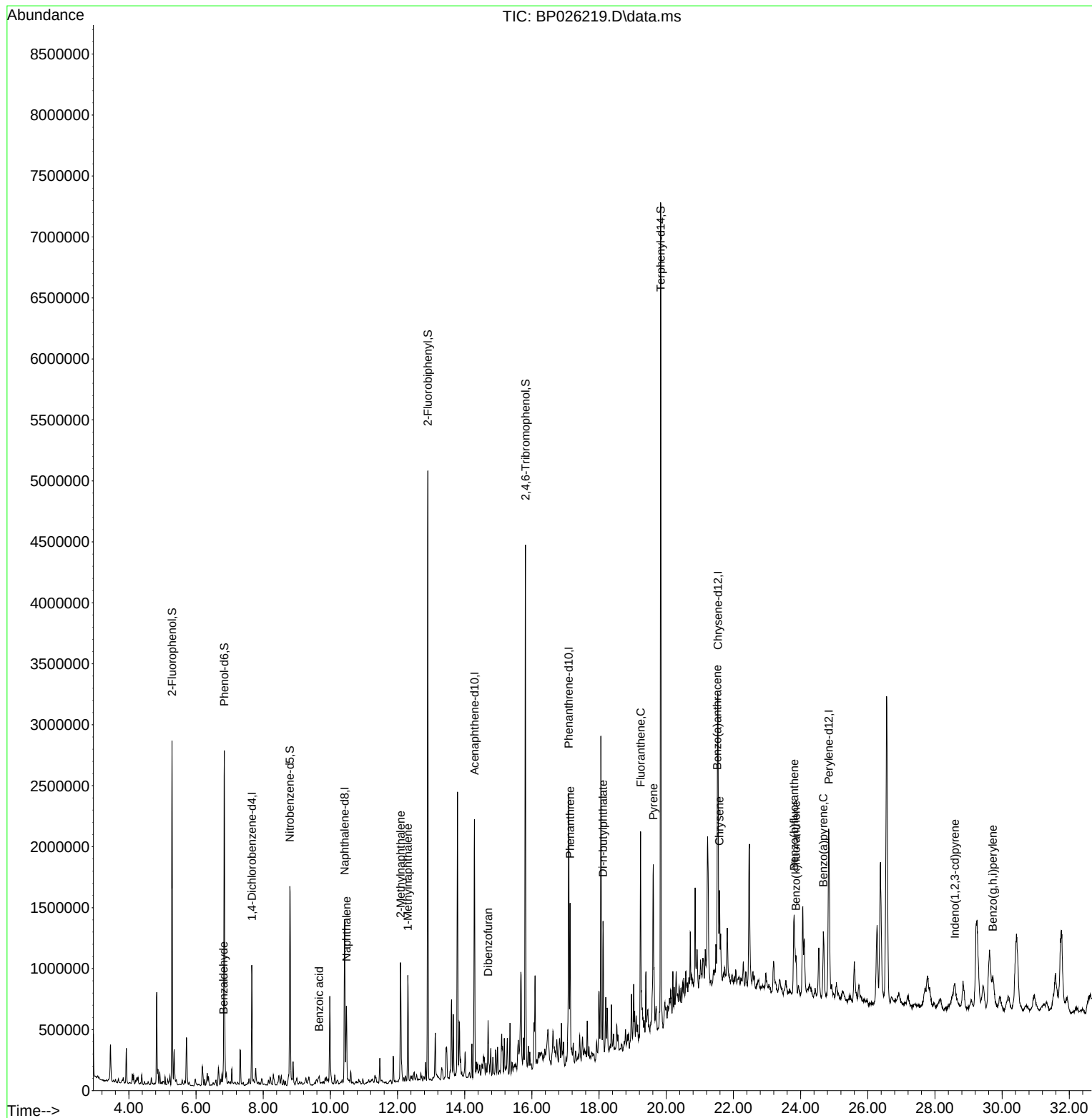
Quant Time: Dec 03 00:25:16 2025

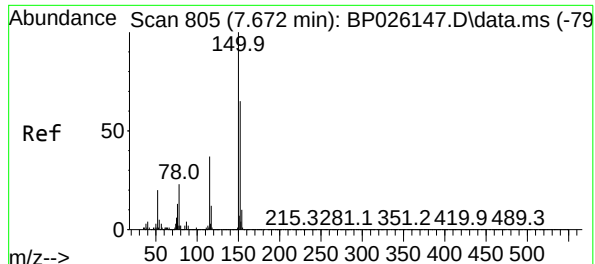
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 19 01:25:31 2025

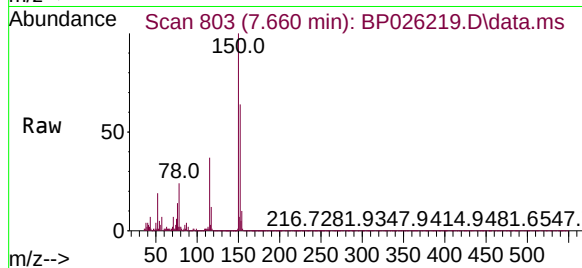
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.660 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP026219.D
Acq: 02 Dec 2025 22:43

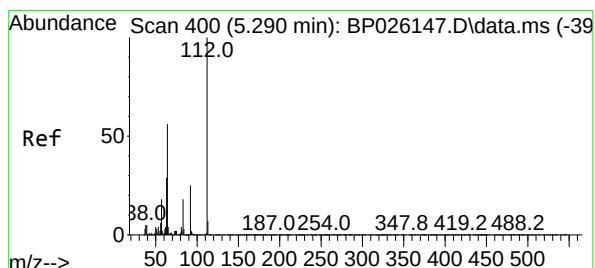
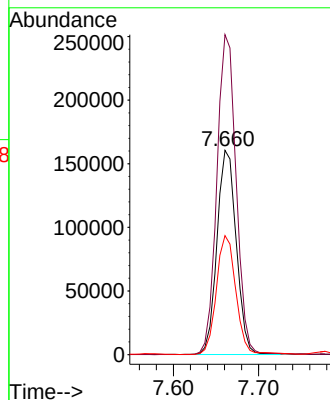
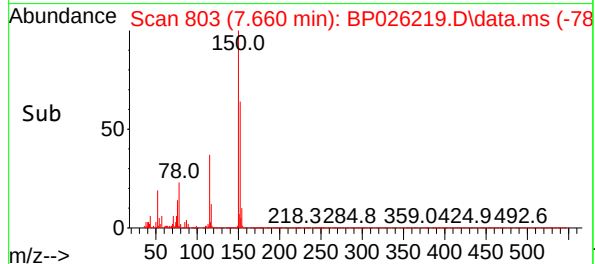
Instrument :
BNA_P
ClientSampleId :
SB-1125-8



Tgt Ion:152 Resp: 252451
Ion Ratio Lower Upper
152 100
150 156.7 123.0 184.6
115 58.2 46.3 69.5

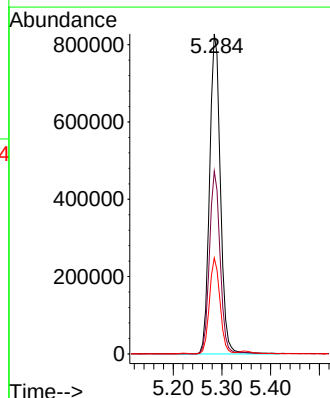
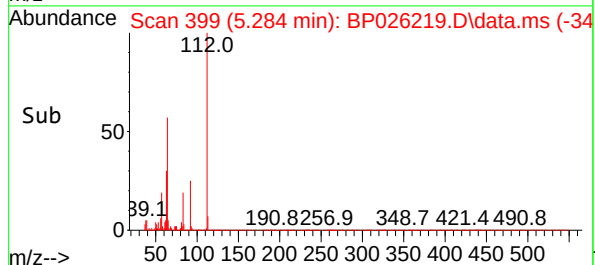
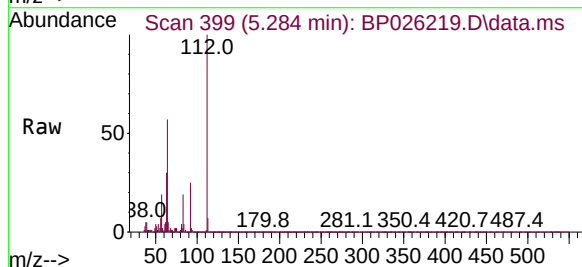
Manual Integrations
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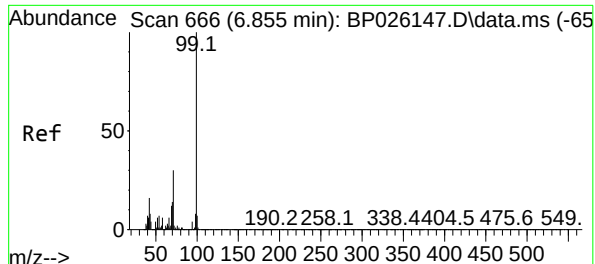
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#5
2-Fluorophenol
Concen: 81.698 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026219.D
Acq: 02 Dec 2025 22:43

Tgt Ion:112 Resp: 1284961
Ion Ratio Lower Upper
112 100
64 57.1 45.8 68.6
63 30.0 23.5 35.3





#7

Phenol-d6

Concen: 80.656 ng

RT: 6.843 min Scan# 60

Delta R.T. -0.012 min

Lab File: BP026219.D

Acq: 02 Dec 2025 22:43

Instrument :

BNA_P

ClientSampleId :

SB-1125-8

Tgt Ion: 99 Resp: 1614990

Ion Ratio Lower Upper

99 100

42 16.6 12.9 19.3

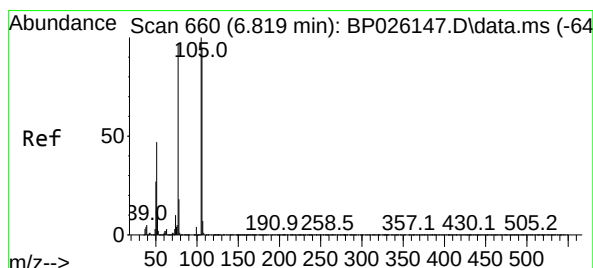
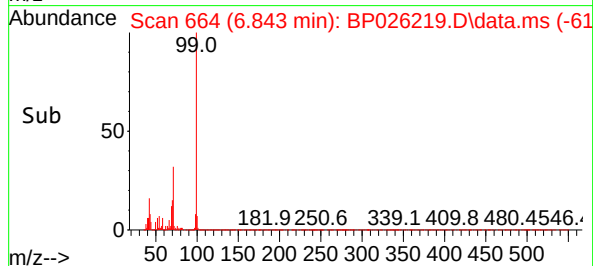
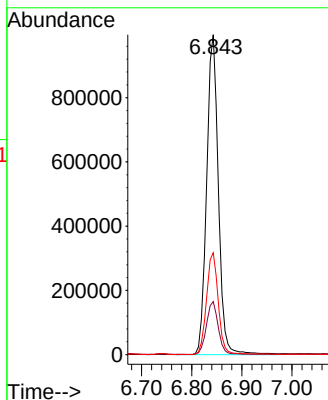
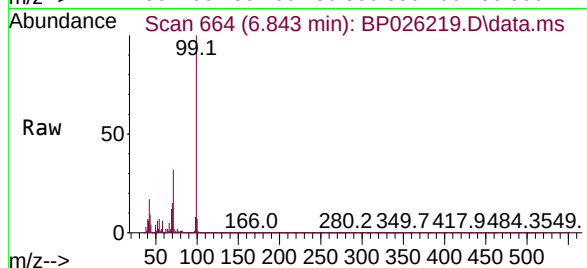
71 31.8 24.8 37.2

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Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#9

Benzaldehyde

Concen: 4.509 ng

RT: 6.813 min Scan# 659

Delta R.T. -0.006 min

Lab File: BP026219.D

Acq: 02 Dec 2025 22:43

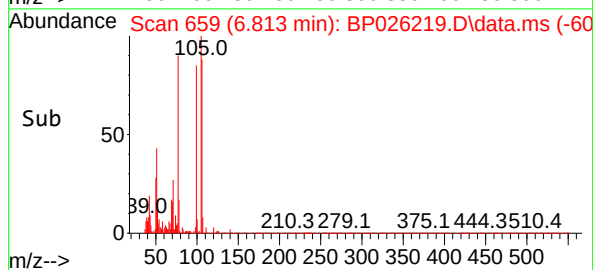
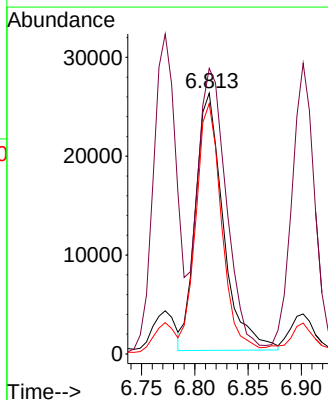
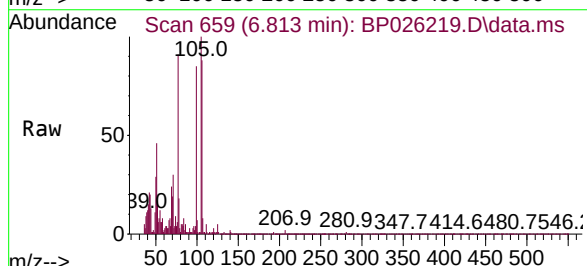
Tgt Ion: 77 Resp: 47316

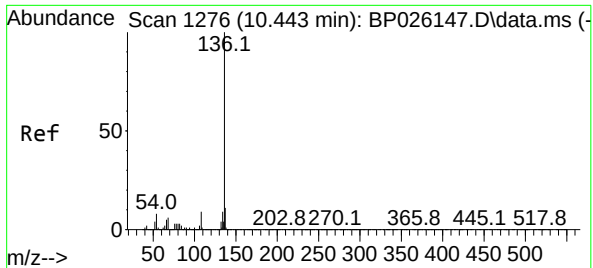
Ion Ratio Lower Upper

77 100

105 109.5 82.9 122.9

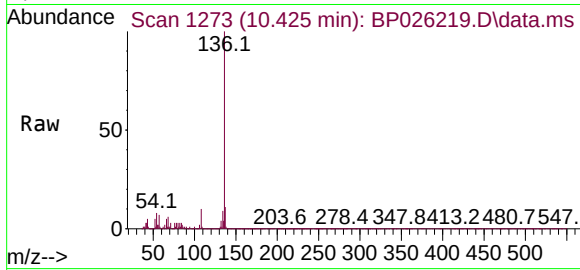
106 96.0 77.8 117.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP026219.D
Acq: 02 Dec 2025 22:43

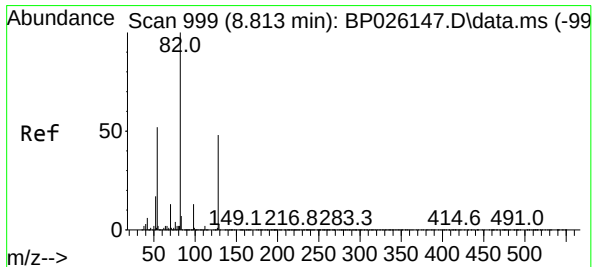
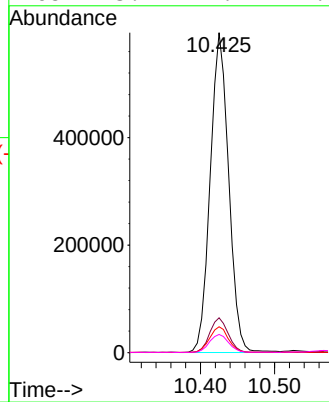
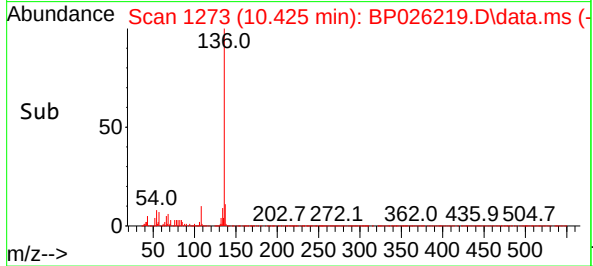
Instrument :
BNA_P
ClientSampleId :
SB-1125-8



Tgt Ion: 136 Resp: 1029964
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.1 6.4 9.6
68 5.7 4.9 7.3

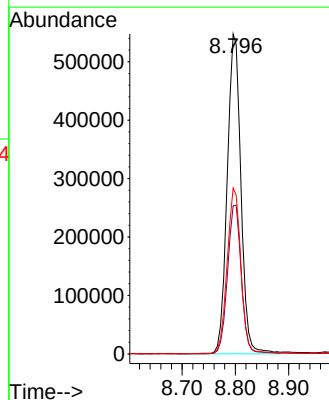
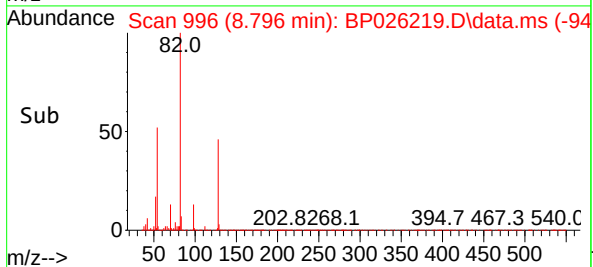
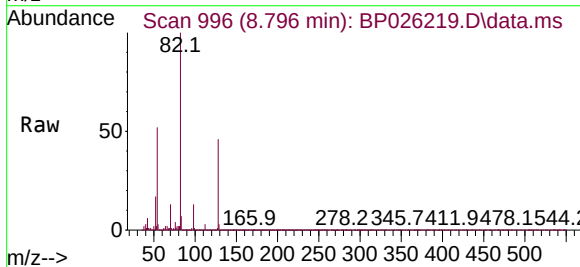
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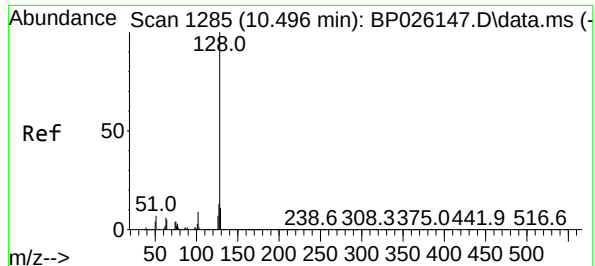
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#23
Nitrobenzene-d5
Concen: 53.872 ng
RT: 8.796 min Scan# 996
Delta R.T. -0.018 min
Lab File: BP026219.D
Acq: 02 Dec 2025 22:43

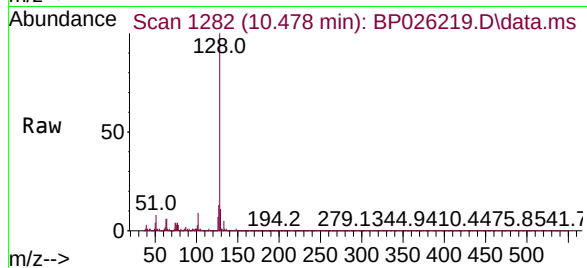
Tgt Ion: 82 Resp: 976830
Ion Ratio Lower Upper
82 100
128 46.3 37.4 56.0
54 51.9 41.6 62.4





#31
Naphthalene
Concen: 9.618 ng
RT: 10.478 min Scan# 1144
Delta R.T. -0.018 min
Lab File: BP026219.D
Acq: 02 Dec 2025 22:43

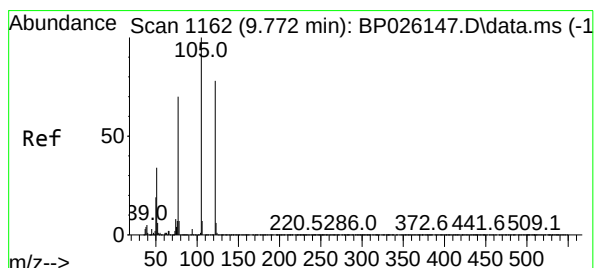
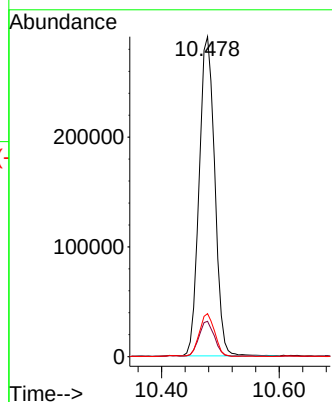
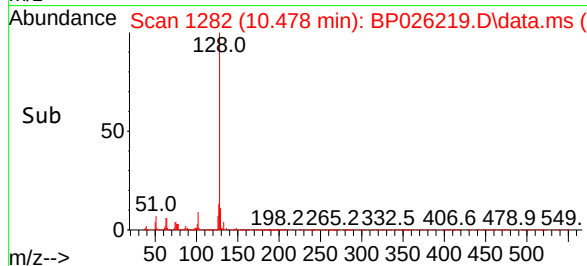
Instrument :
BNA_P
ClientSampleId :
SB-1125-8



Tgt Ion:128 Resp: 535396
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.2 15.4

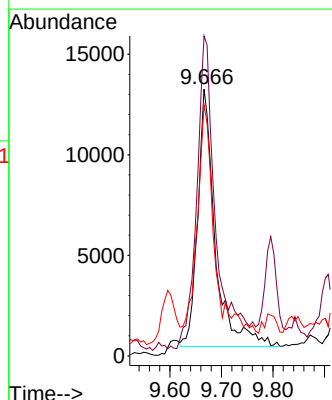
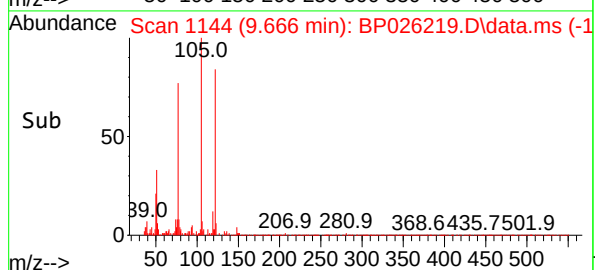
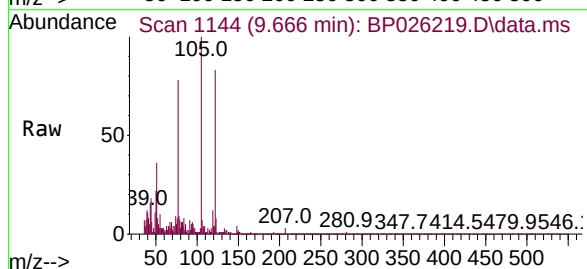
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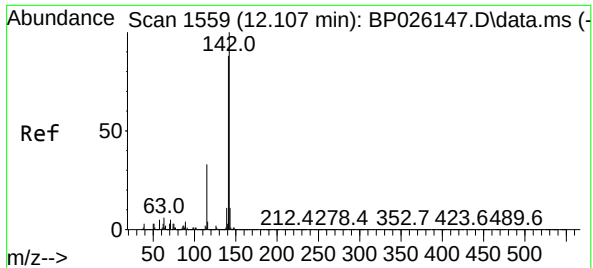
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#32
Benzoic acid
Concen: 2.170 ng m
RT: 9.666 min Scan# 1144
Delta R.T. -0.100 min
Lab File: BP026219.D
Acq: 02 Dec 2025 22:43

Tgt Ion:122 Resp: 30585
Ion Ratio Lower Upper
122 100
105 120.0 100.1 140.1
77 94.1 66.7 106.7





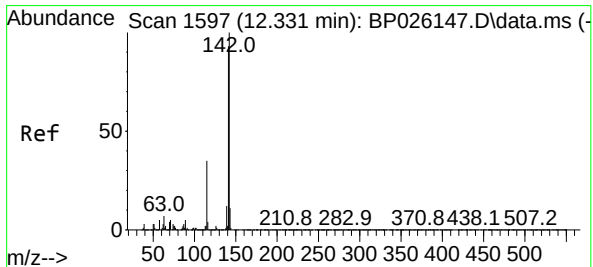
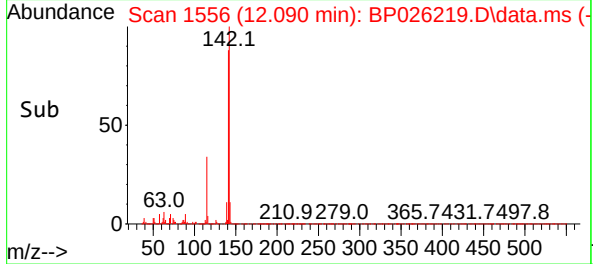
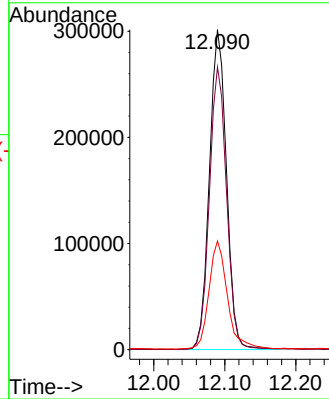
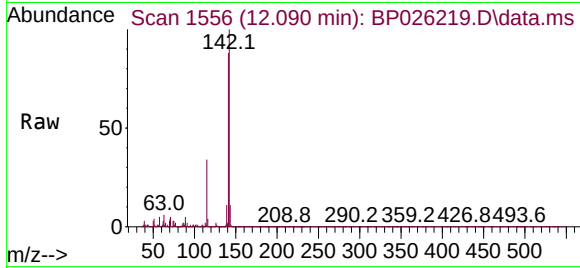
#37
2-Methylnaphthalene
Concen: 12.728 ng
RT: 12.090 min Scan# 1556
Delta R.T. -0.023 min
Lab File: BP026219.D
Acq: 02 Dec 2025 22:43

Instrument :
BNA_P
ClientSampleId :
SB-1125-8

Tgt Ion:142 Resp: 502264
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.6
115 34.0 26.6 39.8

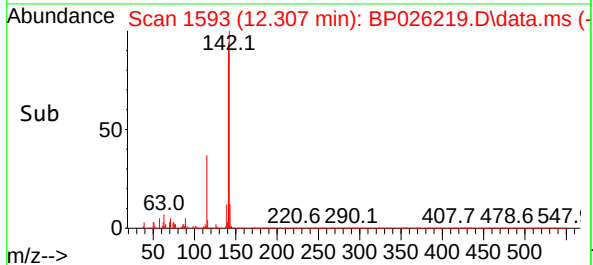
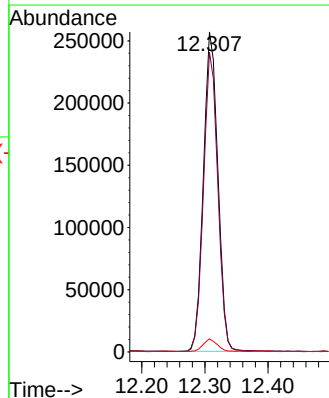
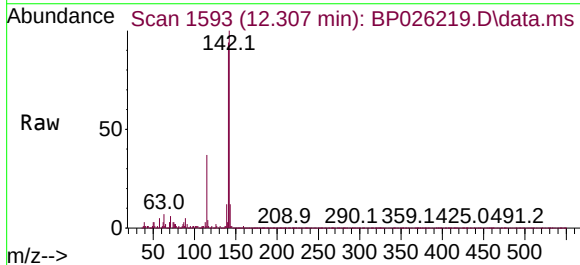
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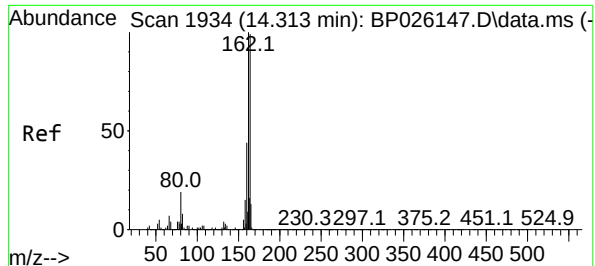
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#38
1-Methylnaphthalene
Concen: 10.629 ng
RT: 12.307 min Scan# 1593
Delta R.T. -0.023 min
Lab File: BP026219.D
Acq: 02 Dec 2025 22:43

Tgt Ion:142 Resp: 409977
Ion Ratio Lower Upper
142 100
141 93.7 73.5 110.3
116 4.1 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.290 min Scan# 1934

Delta R.T. -0.035 min

Lab File: BP026219.D

Acq: 02 Dec 2025 22:43

Instrument :

BNA_P

ClientSampleId :

SB-1125-8

Tgt Ion:164 Resp: 659114

Ion Ratio Lower Upper

164 100

162 102.3 80.3 120.5

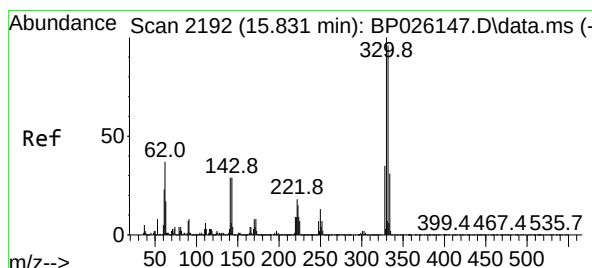
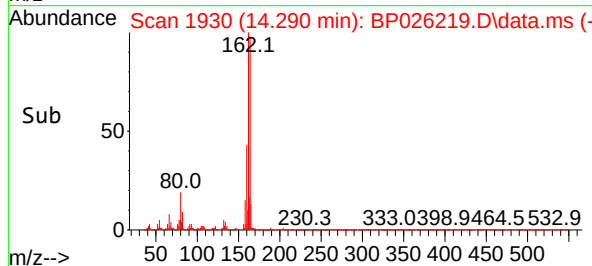
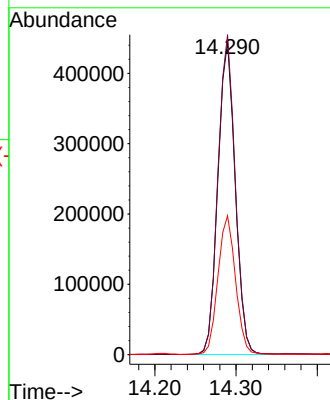
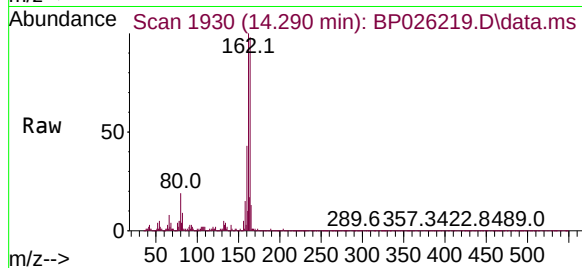
160 44.4 35.2 52.8

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Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#42

2,4,6-Tribromophenol

Concen: 84.761 ng

RT: 15.807 min Scan# 2188

Delta R.T. -0.029 min

Lab File: BP026219.D

Acq: 02 Dec 2025 22:43

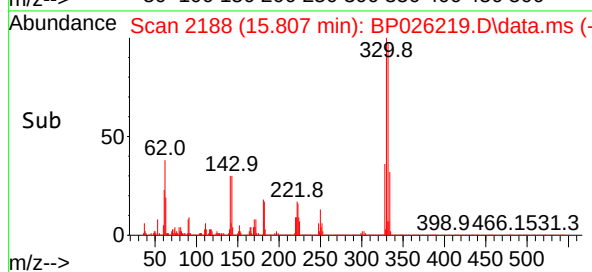
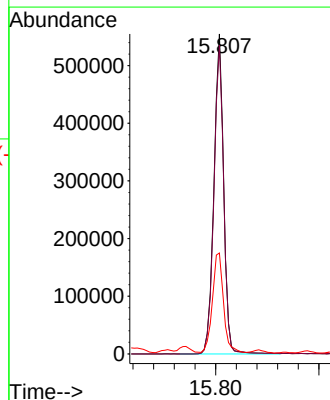
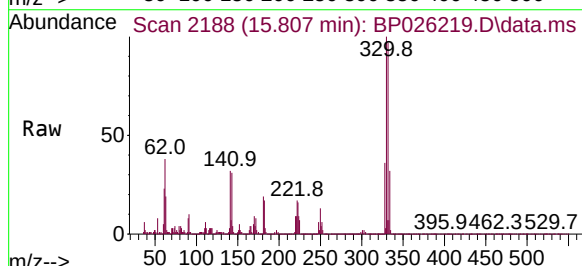
Tgt Ion:330 Resp: 724735

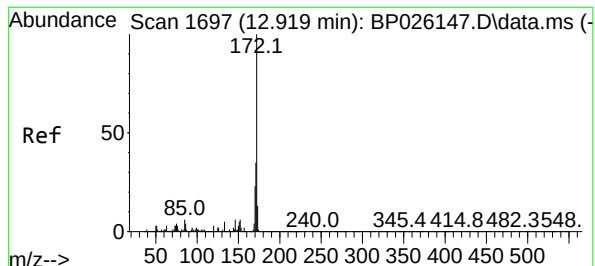
Ion Ratio Lower Upper

330 100

332 97.2 78.0 117.0

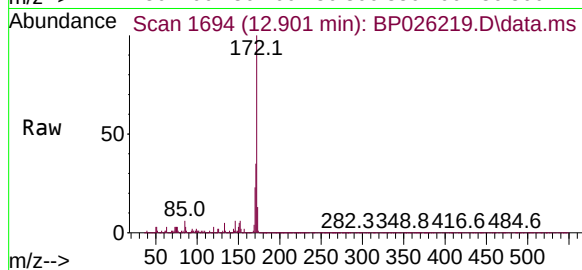
141 35.6 26.8 40.2





#45
2-Fluorobiphenyl
Concen: 55.978 ng
RT: 12.901 min Scan# 1694
Delta R.T. -0.029 min
Lab File: BP026219.D
Acq: 02 Dec 2025 22:43

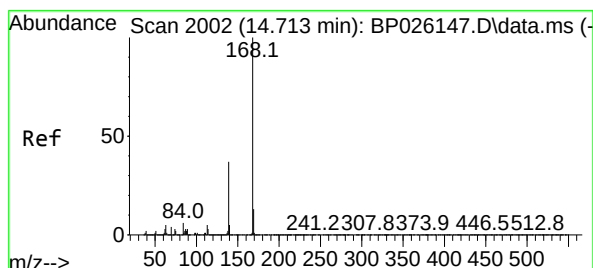
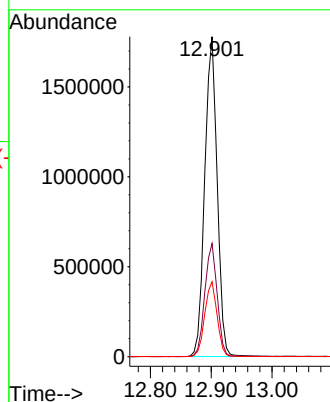
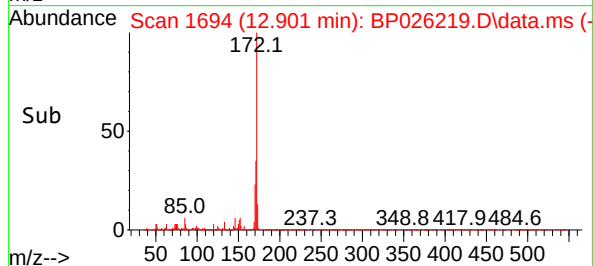
Instrument :
BNA_P
ClientSampleId :
SB-1125-8



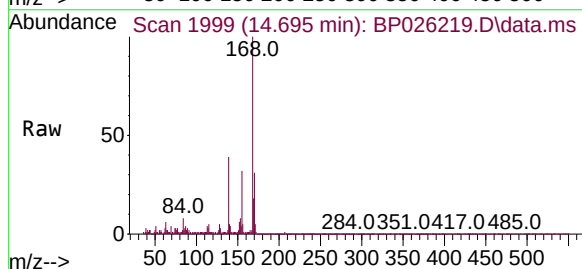
Tgt Ion:172 Resp: 251747
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.4 18.7 28.1

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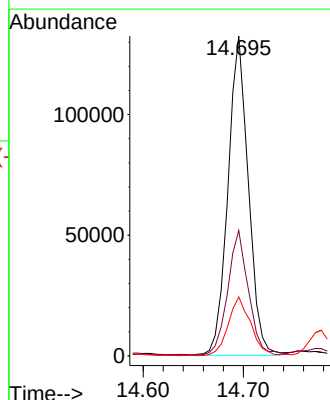
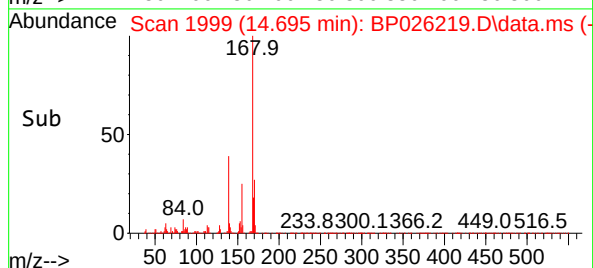
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

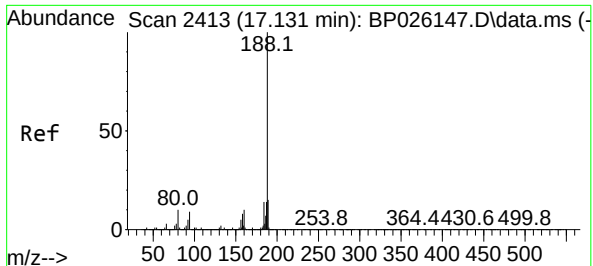


#55
Dibenzofuran
Concen: 3.201 ng
RT: 14.695 min Scan# 1999
Delta R.T. -0.029 min
Lab File: BP026219.D
Acq: 02 Dec 2025 22:43



Tgt Ion:168 Resp: 187018
Ion Ratio Lower Upper
168 100
139 39.2 29.8 44.6
169 18.4 10.9 16.3





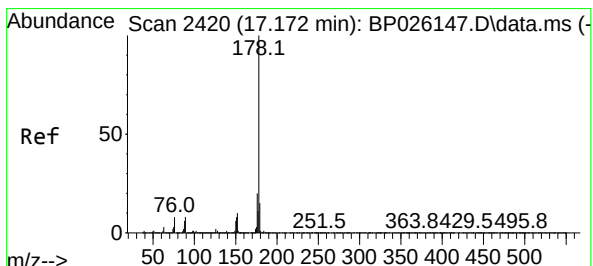
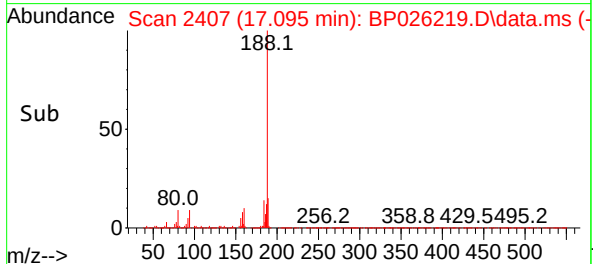
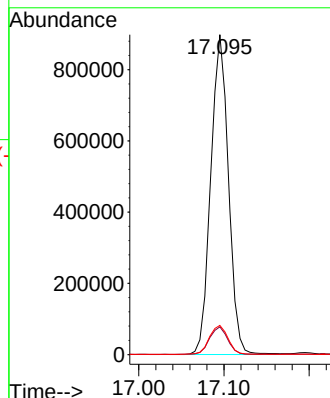
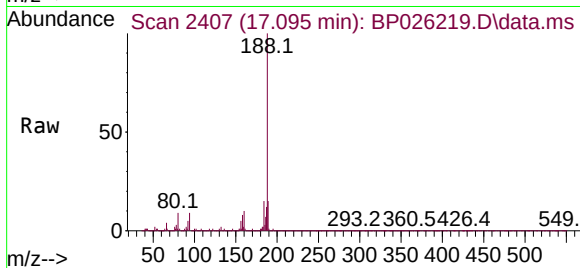
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.095 min Scan# 2413
Delta R.T. -0.035 min
Lab File: BP026219.D
Acq: 02 Dec 2025 22:43

Instrument :
BNA_P
ClientSampleId :
SB-1125-8

Tgt Ion:188 Resp: 1295466
Ion Ratio Lower Upper
188 100
94 8.7 7.8 11.6
80 9.1 8.2 12.2

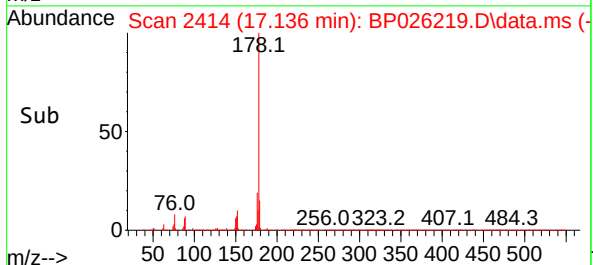
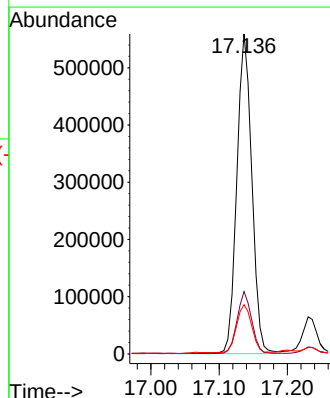
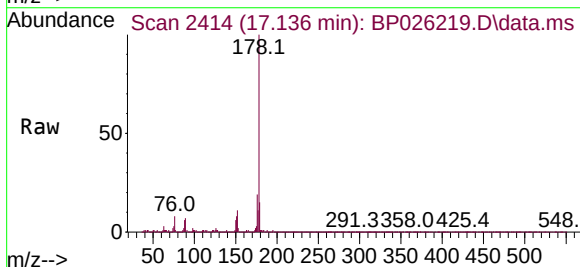
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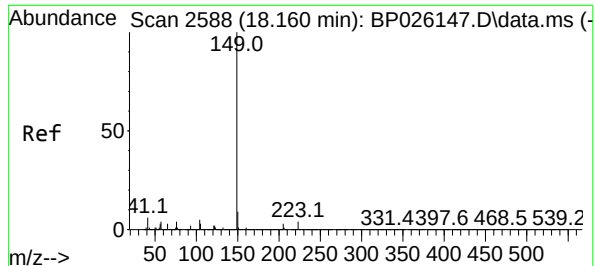
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#71
Phenanthrene
Concen: 11.684 ng
RT: 17.136 min Scan# 2414
Delta R.T. -0.041 min
Lab File: BP026219.D
Acq: 02 Dec 2025 22:43

Tgt Ion:178 Resp: 852645
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.4 12.4 18.6





#74

Di-n-butylphthalate

Concen: 9.720 ng

RT: 18.119 min Scan# 2581

Delta R.T. -0.041 min

Lab File: BP026219.D

Acq: 02 Dec 2025 22:43

Instrument :

BNA_P

ClientSampleId :

SB-1125-8

Tgt Ion:149 Resp: 814616

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

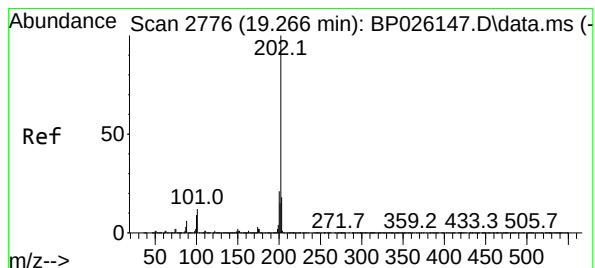
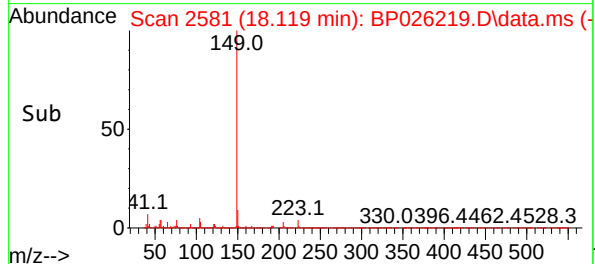
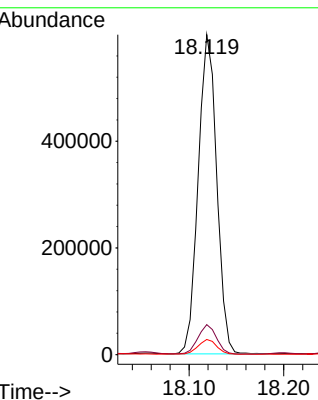
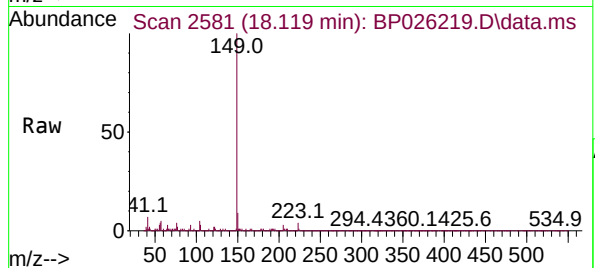
104 4.7 3.6 5.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#75

Fluoranthene

Concen: 11.368 ng

RT: 19.236 min Scan# 2771

Delta R.T. -0.029 min

Lab File: BP026219.D

Acq: 02 Dec 2025 22:43

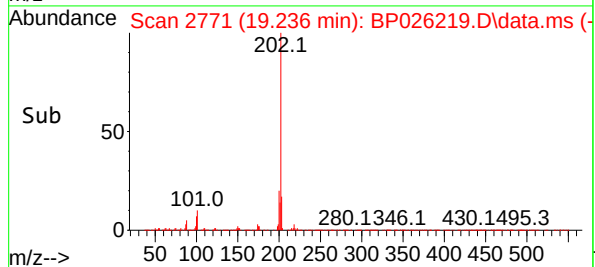
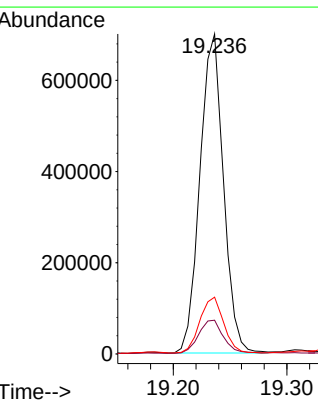
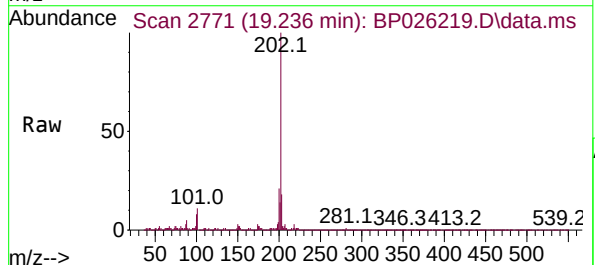
Tgt Ion:202 Resp: 1007951

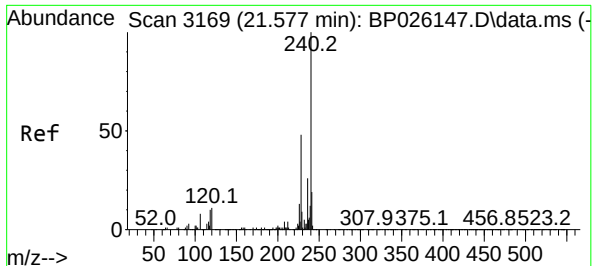
Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.2

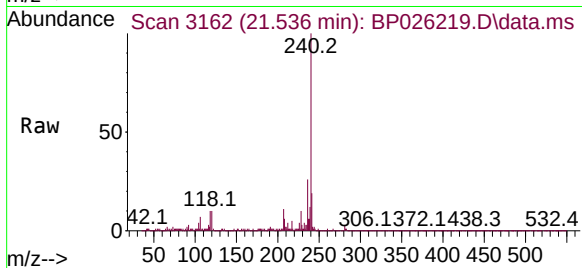
203 17.7 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.035 min
Lab File: BP026219.D
Acq: 02 Dec 2025 22:43

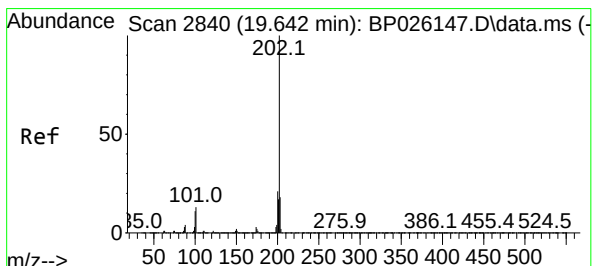
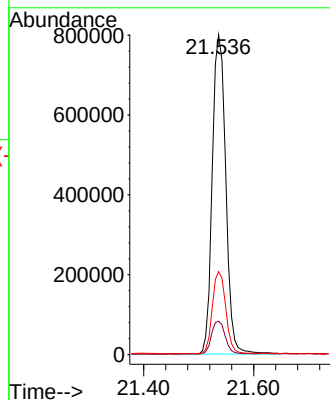
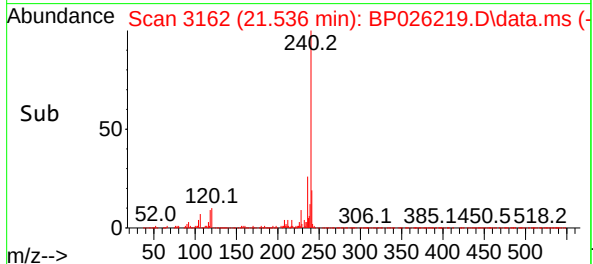
Instrument :
BNA_P
ClientSampleId :
SB-1125-8



Tgt Ion:240 Resp: 1364770
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 25.9 20.4 30.6

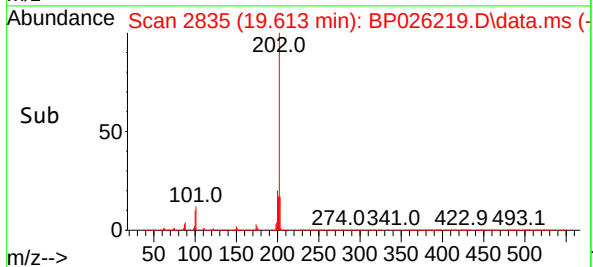
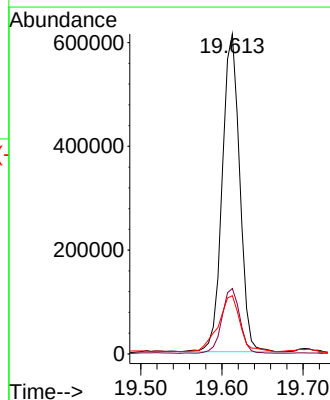
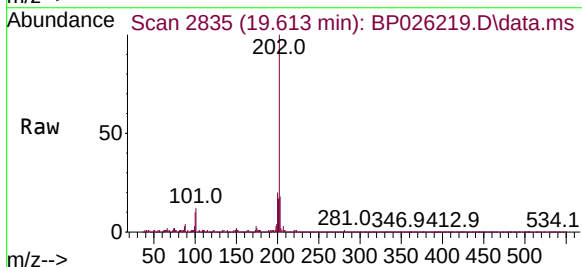
Manual Integrations
APPROVED

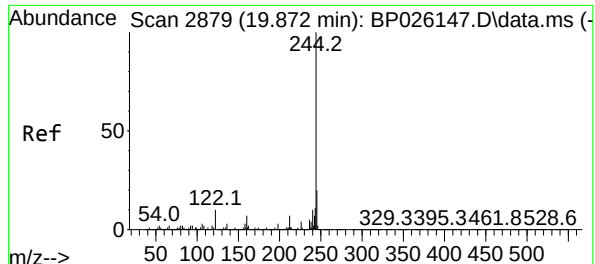
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#78
Pyrene
Concen: 10.213 ng
RT: 19.613 min Scan# 2835
Delta R.T. -0.029 min
Lab File: BP026219.D
Acq: 02 Dec 2025 22:43

Tgt Ion:202 Resp: 913921
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 18.2 13.8 20.8





#79

Terphenyl-d14

Concen: 54.832 ng

RT: 19.830 min Scan# 2872

Delta R.T. -0.041 min

Lab File: BP026219.D

Acq: 02 Dec 2025 22:43

Instrument :

BNA_P

ClientSampleId :

SB-1125-8

Tgt Ion:244 Resp: 367002

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

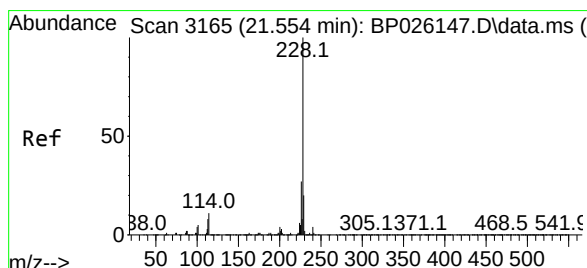
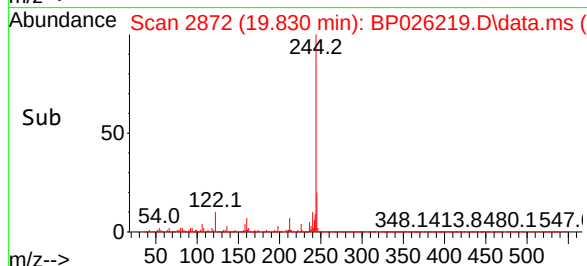
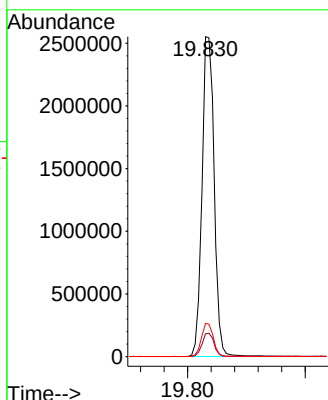
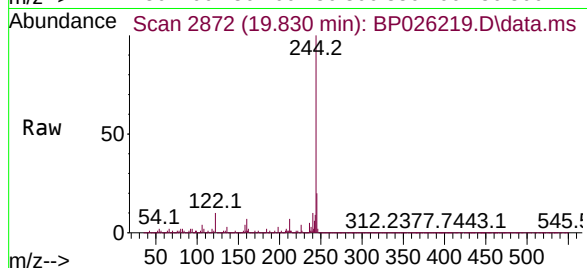
122 10.4 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#81

Benzo(a)anthracene

Concen: 5.511 ng

RT: 21.519 min Scan# 3159

Delta R.T. -0.035 min

Lab File: BP026219.D

Acq: 02 Dec 2025 22:43

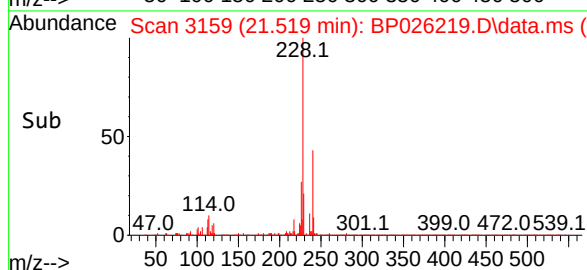
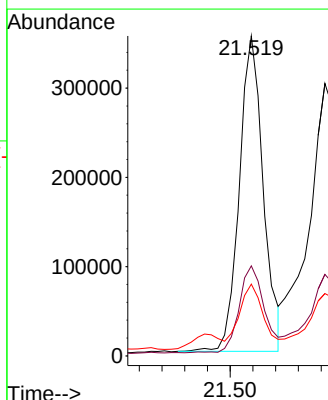
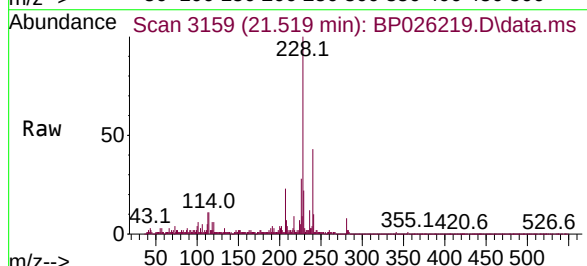
Tgt Ion:228 Resp: 516539

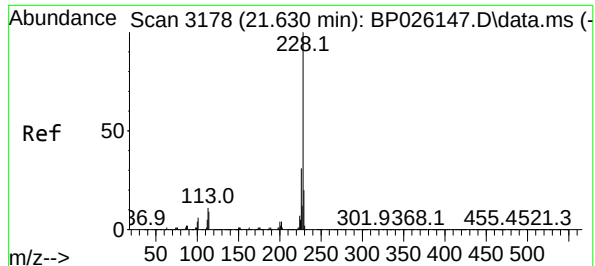
Ion Ratio Lower Upper

228 100

226 28.1 21.8 32.8

229 22.4 15.9 23.9





#83

Chrysene

Concen: 6.793 ng m

RT: 21.583 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP026219.D

Acq: 02 Dec 2025 22:43

Instrument :

BNA_P

ClientSampleId :

SB-1125-8

Tgt Ion:228 Resp: 60003

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

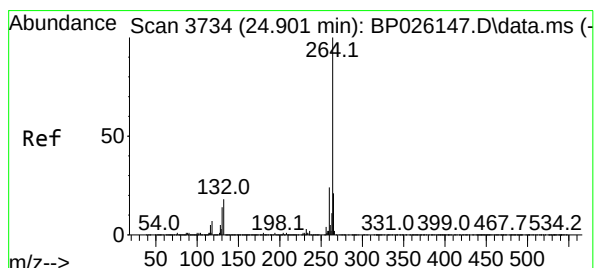
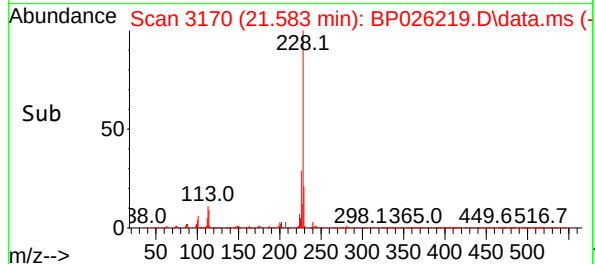
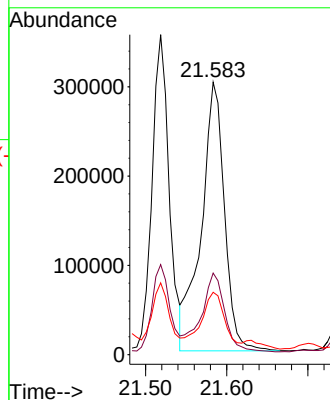
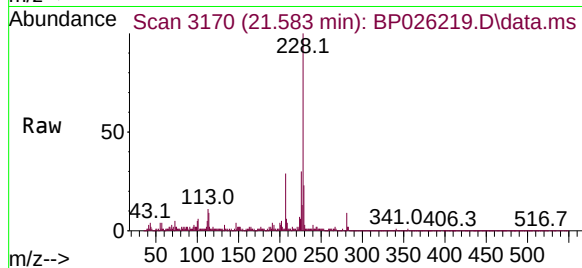
229 22.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.836 min Scan# 3723

Delta R.T. -0.070 min

Lab File: BP026219.D

Acq: 02 Dec 2025 22:43

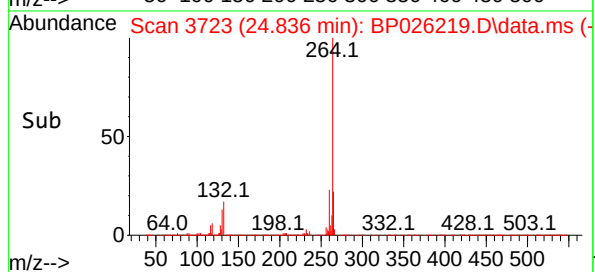
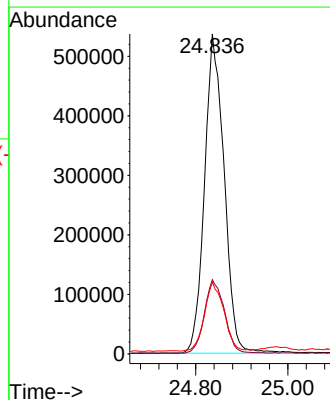
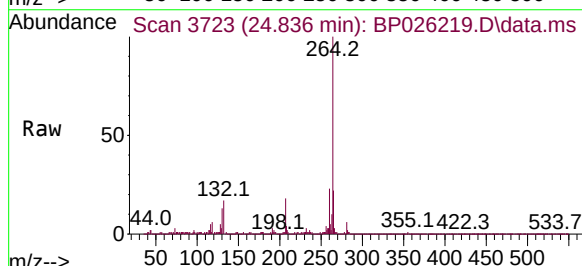
Tgt Ion:264 Resp: 1578690

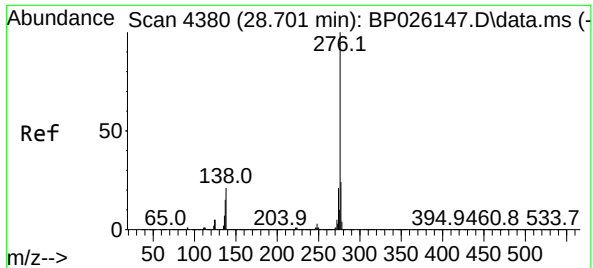
Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 22.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.297 ng

RT: 28.589 min Scan# 4380

Delta R.T. -0.117 min

Lab File: BP026219.D

Acq: 02 Dec 2025 22:43

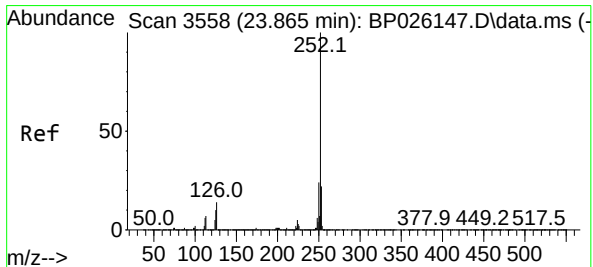
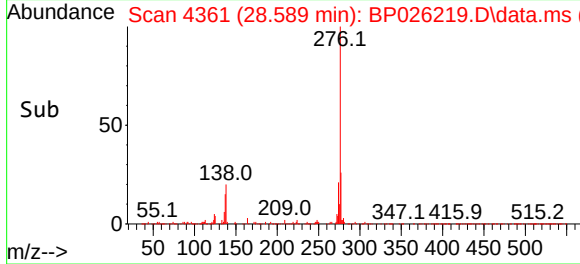
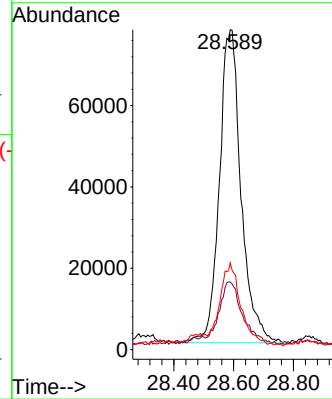
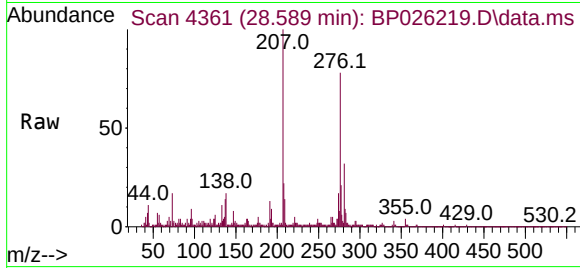
Instrument :

BNA_P

ClientSampleId :

SB-1125-8

Tgt Ion:	276	Resp:	390312
Ion Ratio	Lower	Upper	
276	100		
138	20.6	13.8	20.8
277	25.1	16.7	25.1

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

#88

Benzo(b)fluoranthene

Concen: 8.166 ng

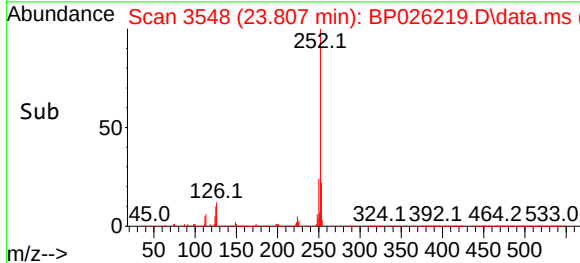
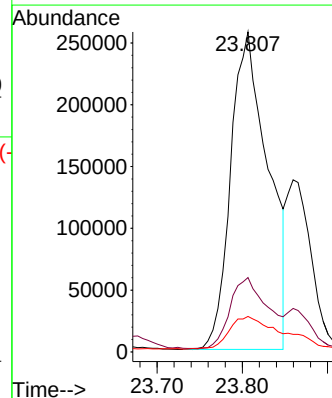
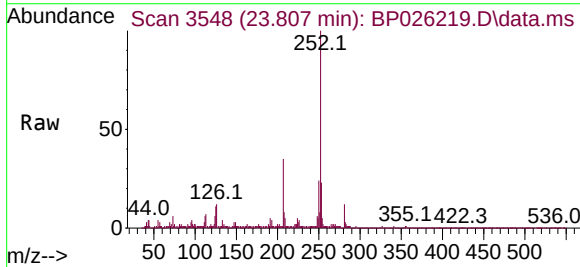
RT: 23.807 min Scan# 3548

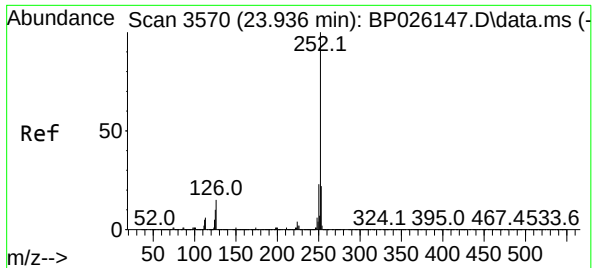
Delta R.T. -0.059 min

Lab File: BP026219.D

Acq: 02 Dec 2025 22:43

Tgt Ion:	252	Resp:	785081
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.6	26.4
125	11.1	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 2.830 ng m

RT: 23.860 min Scan# 31

Delta R.T. -0.076 min

Lab File: BP026219.D

Acq: 02 Dec 2025 22:43

Instrument :

BNA_P

ClientSampleId :

SB-1125-8

Tgt Ion:252 Resp: 271786

Ion Ratio Lower Upper

252 100

253 25.3 17.6 26.4

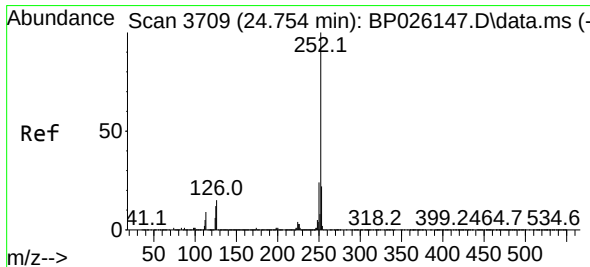
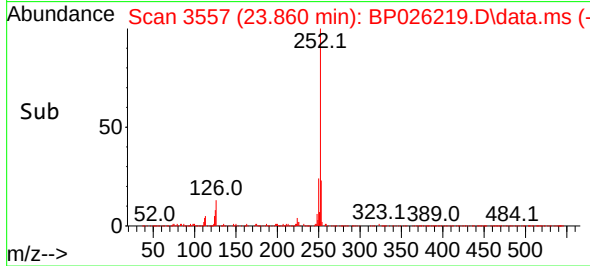
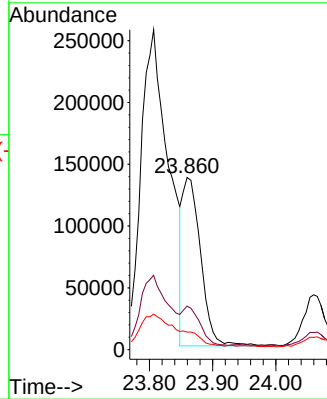
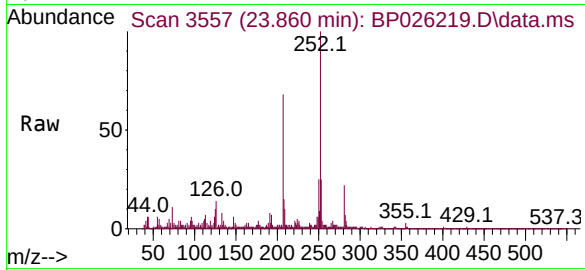
125 10.2 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#90

Benzo(a)pyrene

Concen: 5.793 ng

RT: 24.677 min Scan# 3696

Delta R.T. -0.076 min

Lab File: BP026219.D

Acq: 02 Dec 2025 22:43

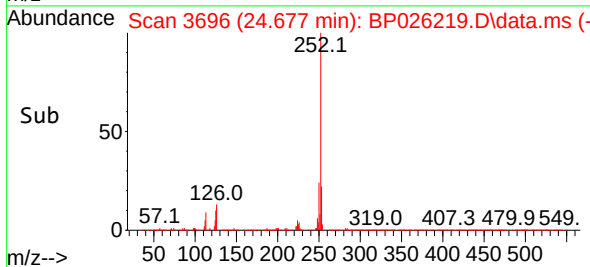
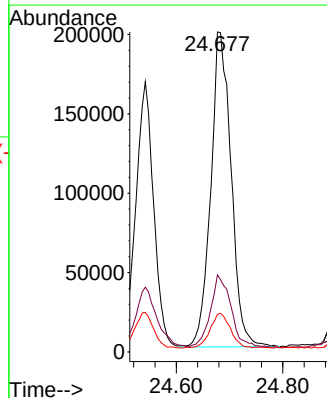
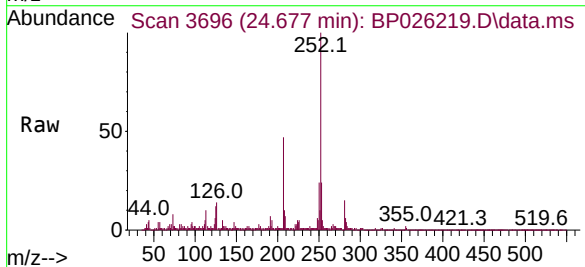
Tgt Ion:252 Resp: 527573

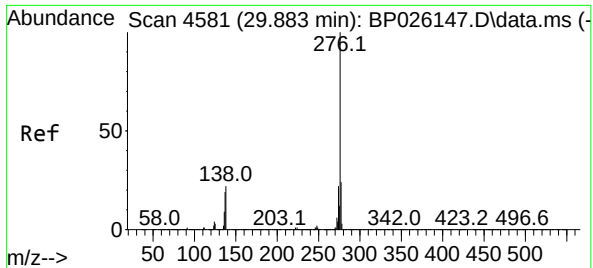
Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.2

125 11.8 9.0 13.6





#92

Benzo(g,h,i)perylene

Concen: 3.957 ng

RT: 29.724 min Scan# 4554

Delta R.T. -0.159 min

Lab File: BP026219.D

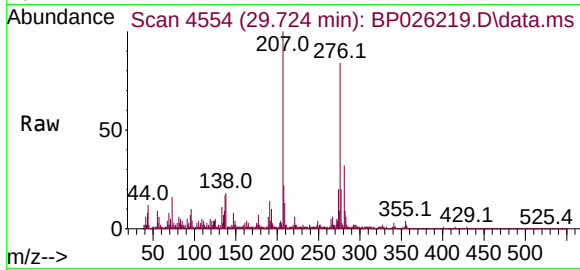
Acq: 02 Dec 2025 22:43

Instrument :

BNA_P

ClientSampleId :

SB-1125-8



Tgt Ion: 276 Resp: 381228

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

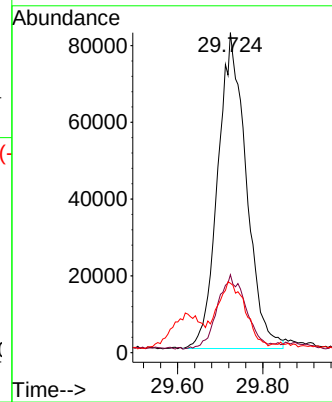
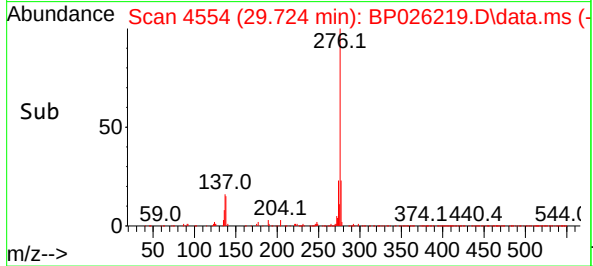
138 21.7 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026219.D
Acq On : 02 Dec 2025 22:43
Operator : RC/JU
Sample : Q3742-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-8

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-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026219.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.455	81	88	99	rVB	301583	573954	5.78%	0.436%
2	3.925	162	168	179	rVB	289065	441055	4.44%	0.335%
3	4.831	313	322	326	rBV	754306	1108652	11.16%	0.843%
4	5.284	393	399	406	rBV	2821579	4304811	43.32%	3.273%
5	5.349	406	410	417	rVV	291510	519991	5.23%	0.395%
6	5.714	467	472	482	rVB3	384480	727182	7.32%	0.553%
7	6.190	544	553	561	rBV4	158489	337163	3.39%	0.256%
8	6.331	569	577	581	rBV3	96905	203094	2.04%	0.154%
9	6.666	627	634	642	rBV2	150392	309816	3.12%	0.236%
10	6.843	655	664	671	rVV	2723472	4614602	46.44%	3.509%
11	7.066	697	702	707	rBV	122151	174039	1.75%	0.132%
12	7.313	738	744	751	rBV2	283285	537169	5.41%	0.408%
13	7.660	796	803	809	rBV	971764	1542466	15.52%	1.173%
14	7.778	817	823	832	rVB2	127097	234308	2.36%	0.178%
15	8.302	907	912	924	rVB3	84306	196760	1.98%	0.150%
16	8.796	980	996	1003	rBV	1635723	3133293	31.53%	2.382%
17	8.890	1008	1012	1022	rVB	192209	309956	3.12%	0.236%
18	9.002	1022	1031	1038	rBV8	59942	167399	1.68%	0.127%
19	9.360	1084	1092	1103	rVB7	67056	193504	1.95%	0.147%
20	9.984	1192	1198	1210	rVB	712120	1271017	12.79%	0.966%
21	10.425	1265	1273	1278	rBV	1338037	2371647	23.87%	1.803%
22	10.478	1278	1282	1289	rVB	608472	1057366	10.64%	0.804%
23	11.472	1445	1451	1457	rBV	204730	352611	3.55%	0.268%
24	11.872	1512	1519	1525	rBV	226863	372639	3.75%	0.283%
25	12.090	1544	1556	1569	rBV	979557	1917962	19.30%	1.458%
26	12.307	1587	1593	1600	rVV	863622	1335059	13.44%	1.015%
27	12.837	1679	1683	1687	rVB	149596	201083	2.02%	0.153%
28	12.901	1687	1694	1700	rBV	4998882	7072077	71.17%	5.377%
29	13.125	1726	1732	1737	rBV2	360189	558497	5.62%	0.425%
30	13.319	1759	1765	1767	rBV2	92534	177801	1.79%	0.135%
31	13.448	1781	1787	1788	rBV	244245	358121	3.60%	0.272%
32	13.607	1808	1814	1818	rVV	640004	1055296	10.62%	0.802%
33	13.660	1818	1823	1830	rVB	508068	770316	7.75%	0.586%
34	13.784	1835	1844	1849	rBV	2325791	3527742	35.50%	2.682%
35	13.837	1849	1853	1858	rVV2	352903	526687	5.30%	0.400%
36	14.013	1874	1883	1891	rVB2	213964	383495	3.86%	0.292%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026219.D
Acq On : 02 Dec 2025 22:43
Operator : RC/JU
Sample : Q3742-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-8

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-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.213	1912	1917	1921	rVB	279248	351520	3.54%	0.267%
38	14.290	1921	1930	1936	rBV	2119398	3482073	35.04%	2.648%
39	14.513	1962	1968	1972	rBV2	92012	219339	2.21%	0.167%
40	14.695	1994	1999	2007	rVV	440591	770860	7.76%	0.586%
41	14.778	2007	2013	2017	rVB	222655	356476	3.59%	0.271%
42	14.837	2019	2023	2031	rBV4	144504	230199	2.32%	0.175%
43	14.919	2032	2037	2043	rVV2	199682	412554	4.15%	0.314%
44	14.978	2043	2047	2051	rVB	223679	297338	2.99%	0.226%
45	15.101	2061	2068	2070	rBV2	316748	553824	5.57%	0.421%
46	15.178	2077	2081	2086	rBV	278438	352424	3.55%	0.268%
47	15.266	2091	2096	2104	rVB2	294684	508160	5.11%	0.386%
48	15.348	2105	2110	2115	rBV2	418799	600440	6.04%	0.457%
49	15.407	2115	2120	2125	rBV3	94937	186448	1.88%	0.142%
50	15.595	2145	2152	2155	rBV3	240862	541339	5.45%	0.412%
51	15.672	2157	2165	2173	rVV3	789132	1998743	20.12%	1.520%
52	15.748	2174	2178	2182	rVV3	243482	372830	3.75%	0.283%
53	15.807	2182	2188	2197	rVB	4280373	6135308	61.75%	4.665%
54	15.895	2198	2203	2207	rVV4	162336	267234	2.69%	0.203%
55	16.066	2225	2232	2234	rBV2	365859	633064	6.37%	0.481%
56	16.095	2234	2237	2242	rVB	725446	902759	9.09%	0.686%
57	16.625	2319	2327	2332	rBV4	263789	662450	6.67%	0.504%
58	16.742	2343	2347	2354	rVB3	186391	358994	3.61%	0.273%
59	16.825	2355	2361	2366	rVV2	204689	498208	5.01%	0.379%
60	16.878	2366	2370	2374	rVV2	339805	527129	5.31%	0.401%
61	16.936	2377	2380	2387	rVB2	195790	349596	3.52%	0.266%
62	17.095	2398	2407	2411	rBV	2186169	3624443	36.48%	2.756%
63	17.136	2411	2414	2419	rVB	1210345	1691346	17.02%	1.286%
64	17.231	2426	2430	2437	rVB	163474	277079	2.79%	0.211%
65	17.425	2459	2463	2470	rVB2	207799	335767	3.38%	0.255%
66	17.507	2470	2477	2483	rBV3	193151	444770	4.48%	0.338%
67	17.648	2497	2501	2507	rBV2	298810	424037	4.27%	0.322%
68	17.931	2544	2549	2554	rBV4	136414	261886	2.64%	0.199%
69	17.995	2555	2560	2565	rVV2	541453	1130671	11.38%	0.860%
70	18.054	2565	2570	2577	rVV	2621184	3843901	38.69%	2.923%
71	18.119	2577	2581	2588	rVV	1092637	1670249	16.81%	1.270%
72	18.201	2589	2595	2599	rVV3	458913	857216	8.63%	0.652%
73	18.242	2599	2602	2611	rVB	362101	570483	5.74%	0.434%
74	18.366	2619	2623	2628	rBV	356565	458624	4.62%	0.349%
75	18.525	2647	2650	2654	rBV	164578	227034	2.28%	0.173%
76	18.966	2720	2725	2730	rBV	368502	578445	5.82%	0.440%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026219.D
Acq On : 02 Dec 2025 22:43
Operator : RC/JU
Sample : Q3742-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-8

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.030	2732	2736	2739	rVV2	423363	593220	5.97%	0.451%
78	19.060	2739	2741	2744	rVB	210607	192754	1.94%	0.147%
79	19.107	2745	2749	2754	rBV	155736	259300	2.61%	0.197%
80	19.236	2766	2771	2774	rBV	1681248	2443525	24.59%	1.858%
81	19.395	2793	2798	2801	rBV2	498987	693692	6.98%	0.527%
82	19.613	2827	2835	2844	rVB2	1278154	2616216	26.33%	1.989%
83	19.830	2868	2872	2884	rVB	6771484	9936276	100.00%	7.555%
84	20.195	2930	2934	2939	rBV2	344440	505139	5.08%	0.384%
85	20.236	2939	2941	2945	rVV	167979	207890	2.09%	0.158%
86	20.583	2997	3000	3006	rBV5	172816	281749	2.84%	0.214%
87	20.713	3019	3022	3026	rBV	417667	468540	4.72%	0.356%
88	20.860	3043	3047	3051	rBV	769029	1048535	10.55%	0.797%
89	21.230	3105	3110	3123	rVB5	1201211	3069000	30.89%	2.334%
90	21.477	3150	3152	3155	rBV	197700	223208	2.25%	0.170%
91	21.530	3155	3161	3167	rVV3	2217527	4722180	47.52%	3.591%
92	21.583	3167	3170	3174	rVB	491710	686125	6.91%	0.522%
93	22.477	3315	3322	3334	rVB2	1144533	2636563	26.53%	2.005%
94	23.807	3542	3548	3555	rBV	531401	1456735	14.66%	1.108%
95	24.065	3586	3592	3596	rBV	637650	1329266	13.38%	1.011%
96	24.677	3694	3696	3708	rVB	529729	1108183	11.15%	0.843%
97	24.836	3717	3723	3735	rVB	1311192	3518838	35.41%	2.676%
98	26.377	3977	3985	4001	rVB	1102998	3533875	35.57%	2.687%
99	26.559	4006	4016	4034	rVB	2516793	8406228	84.60%	6.392%
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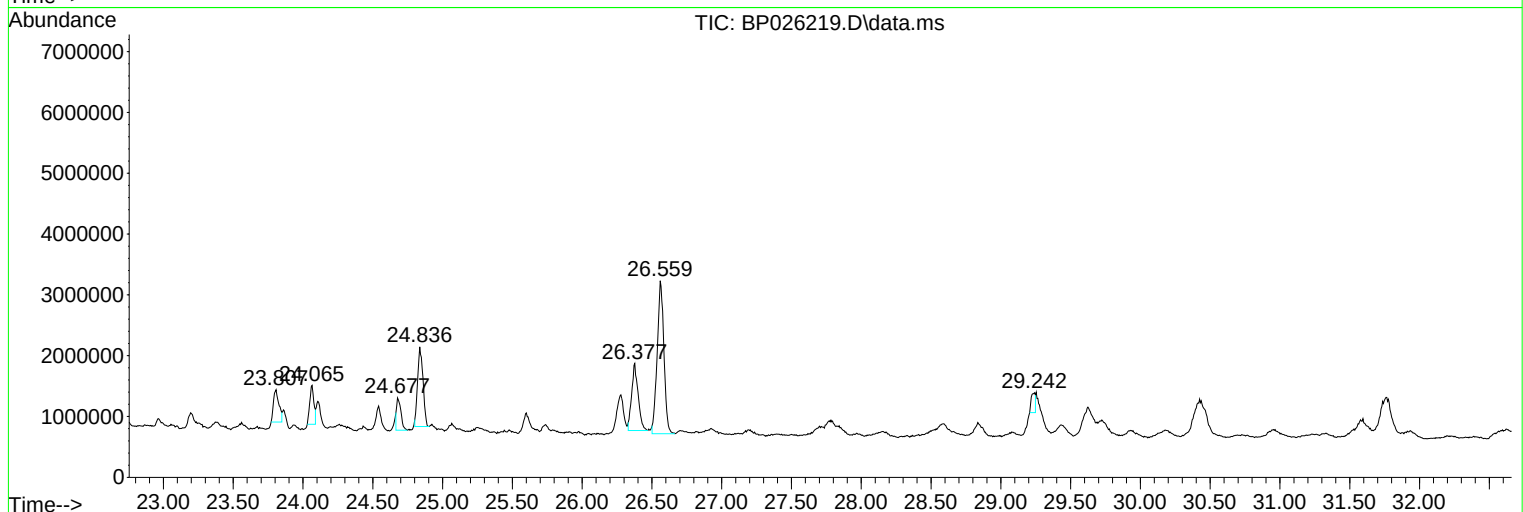
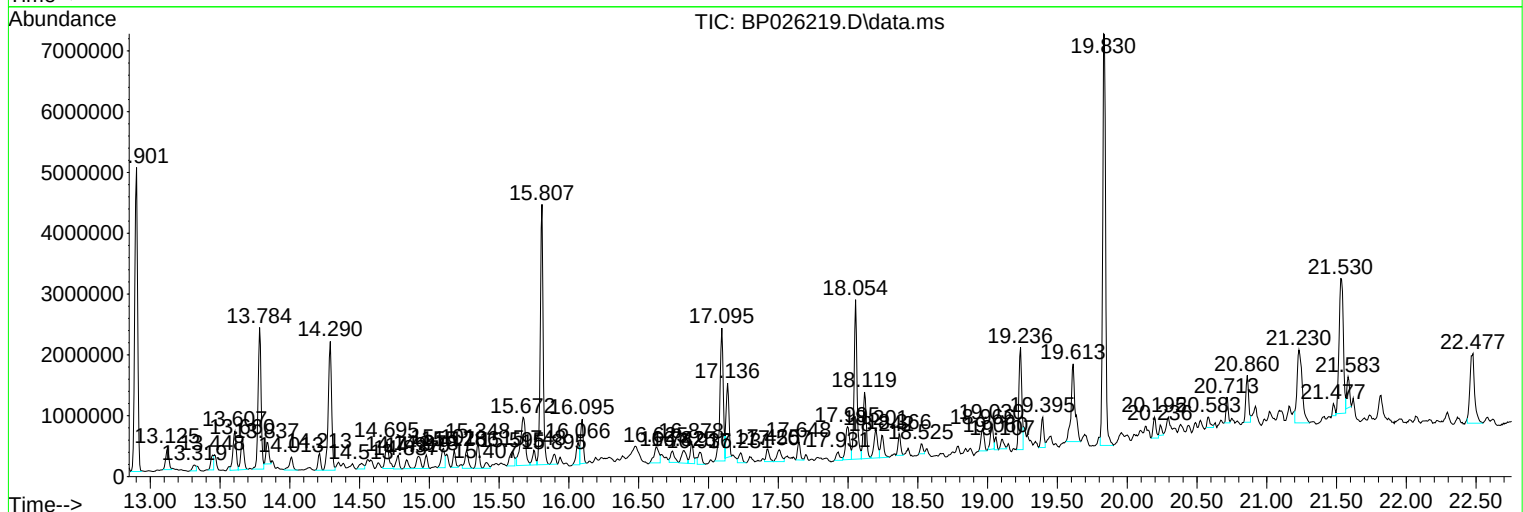
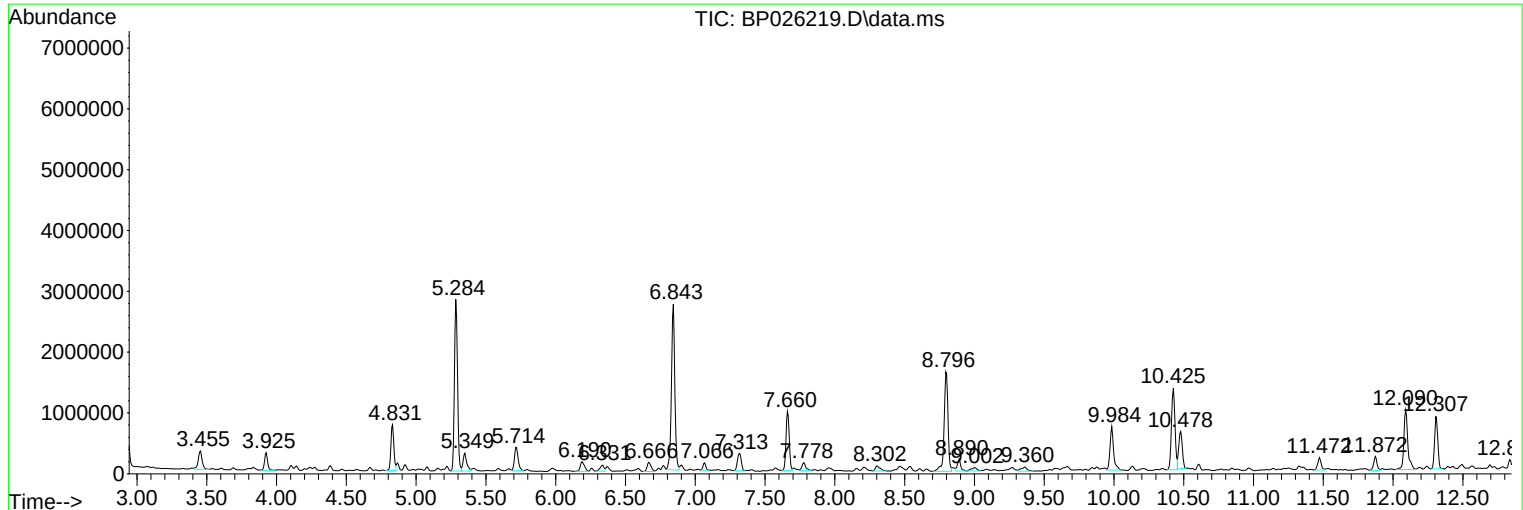
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Data File : BP026219.D
Acq On : 02 Dec 2025 22:43
Operator : RC/JU
Sample : Q3742-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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\BP120225\
Data File : BP026219.D
Acq On : 02 Dec 2025 22:43
Operator : RC/JU
Sample : Q3742-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-8

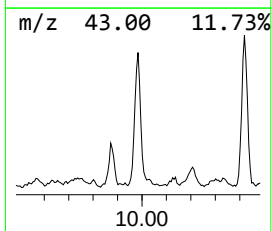
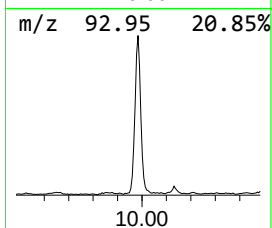
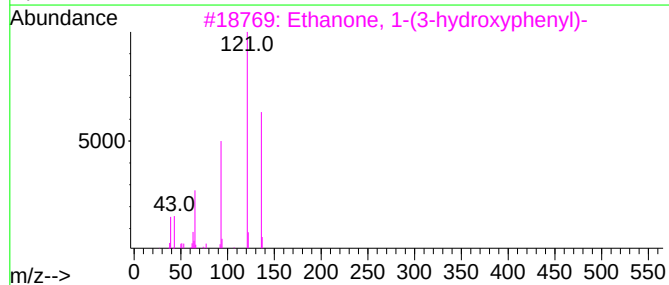
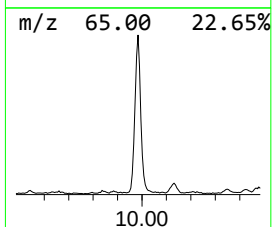
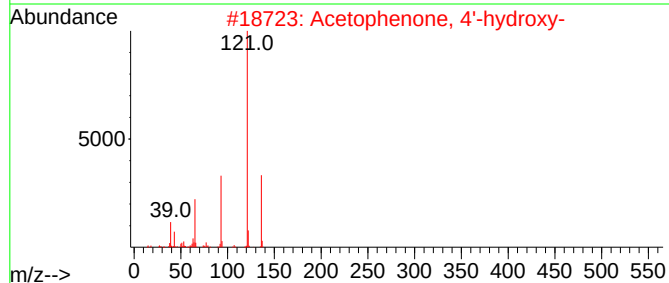
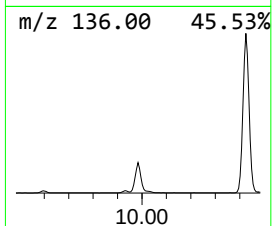
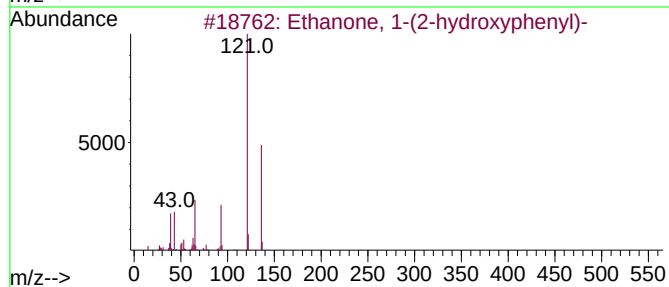
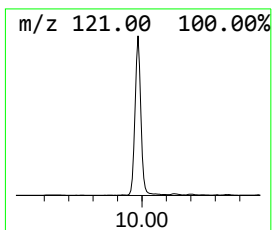
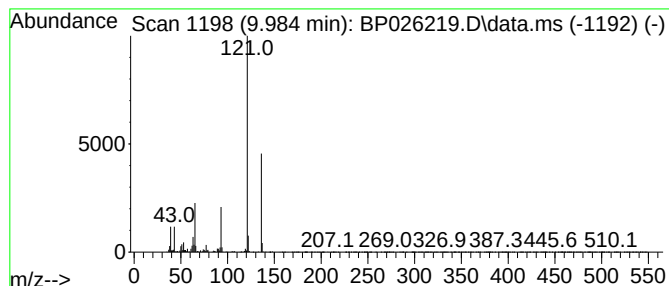
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Ethanone, 1-(2-hydroxyphenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.984	10.72 ng	1271020	Naphthalene-d8	10.425

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-(2-hydroxyphenyl)-	136	C8H8O2	000118-93-4	97
2			Acetophenone, 4'-hydroxy-	136	C8H8O2	000099-93-4	94
3			Ethanone, 1-(3-hydroxyphenyl)-	136	C8H8O2	000121-71-1	83
4			2-Acetoxyacetophenone	178	C10H10O3	007250-94-4	59
5			3-Isopropylphenyl N-methylcarbam...	193	C11H15NO2	1000470-98-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026219.D
Acq On : 02 Dec 2025 22:43
Operator : RC/JU
Sample : Q3742-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

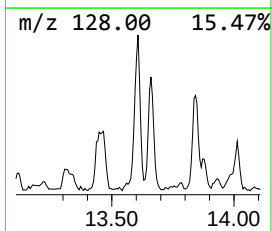
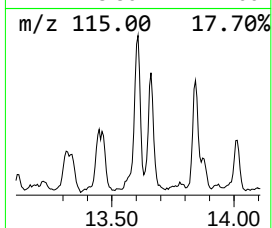
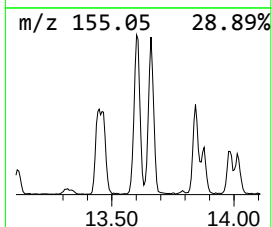
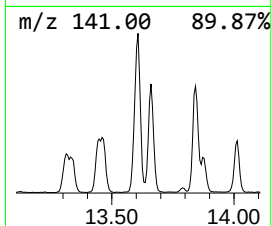
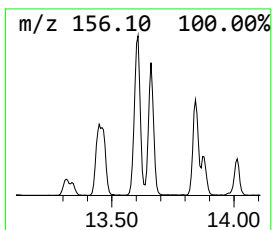
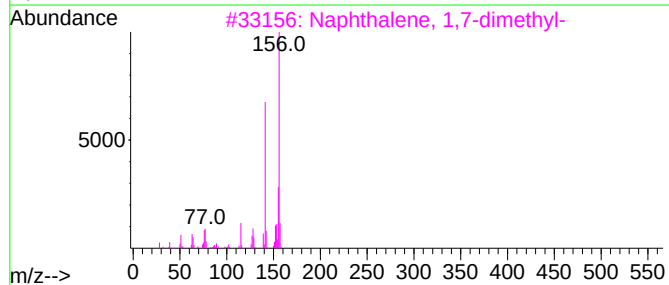
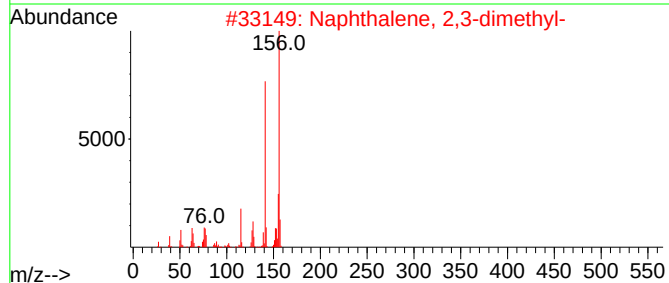
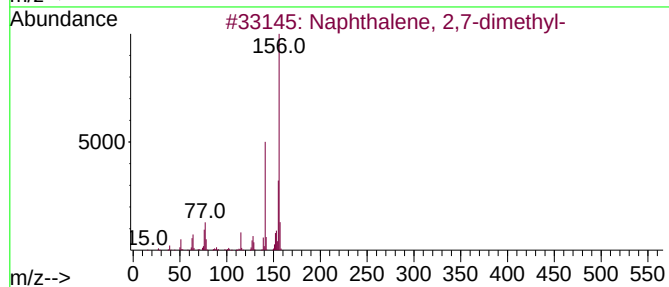
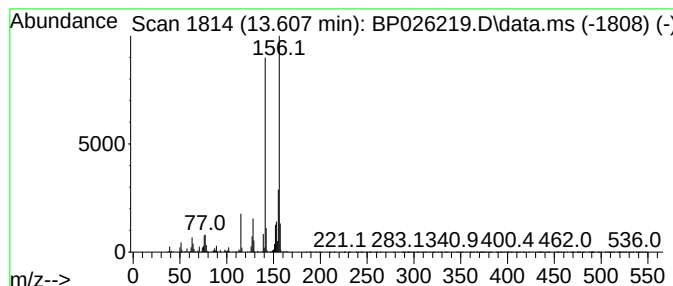
Instrument :
BNA_P
ClientSampleId :
SB-1125-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.607	6.06 ng	1055300	Acenaphthene-d10		14.290	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-		156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-		156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-		156	C12H12	000575-37-1	97
4	Naphthalene, 1,4-dimethyl-		156	C12H12	000571-58-4	97
5	Naphthalene, 2,6-dimethyl-		156	C12H12	000581-42-0	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026219.D
Acq On : 02 Dec 2025 22:43
Operator : RC/JU
Sample : Q3742-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-1125-8

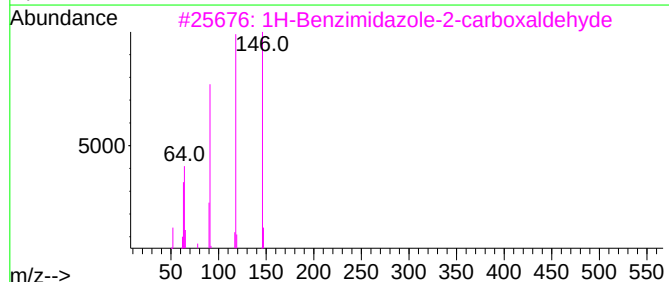
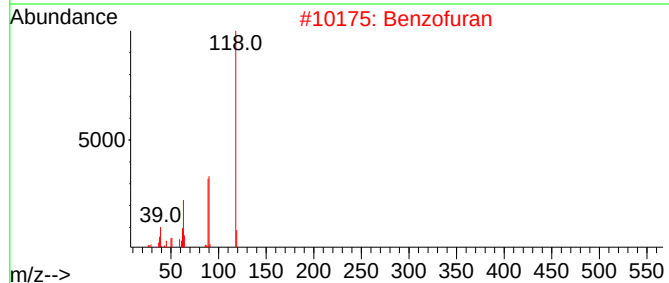
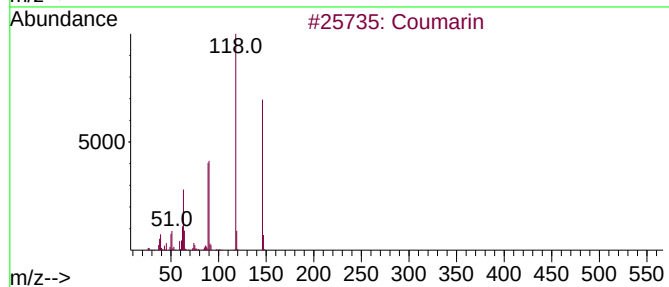
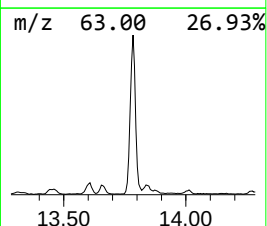
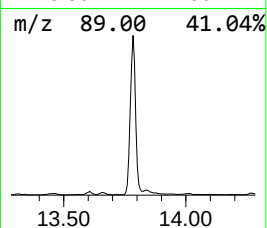
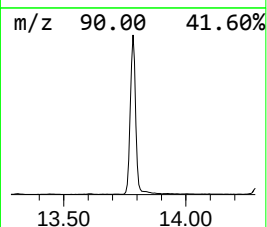
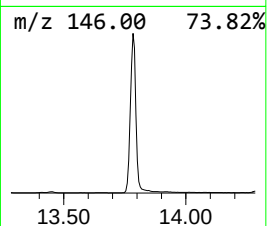
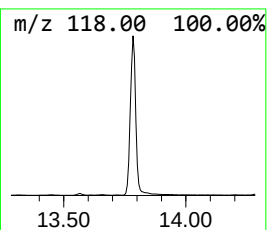
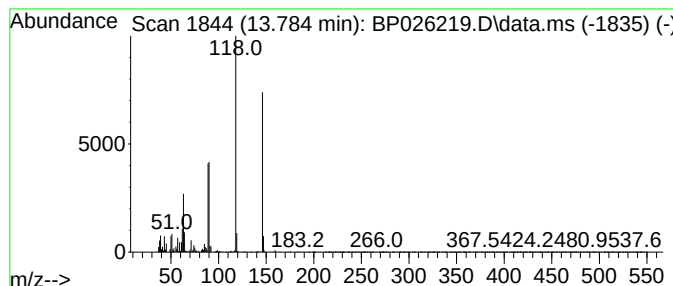
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Coumarin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.784	20.26 ng	3527740	Acenaphthene-d10	14.290

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Coumarin	146	C9H6O2	000091-64-5	98
2			Benzofuran	118	C8H6O	000271-89-6	96
3			1H-Benzimidazole-2-carboxaldehyde	146	C8H6N2O	003314-30-5	58
4			1H-Tetrazole, 5-phenyl-	146	C7H6N4	018039-42-4	53
5			Phthalazin-1-one	146	C8H6N2O	000119-39-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026219.D
Acq On : 02 Dec 2025 22:43
Operator : RC/JU
Sample : Q3742-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-8

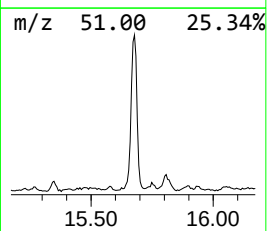
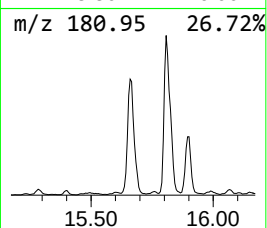
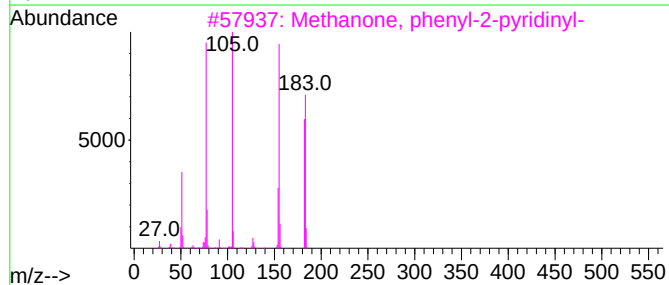
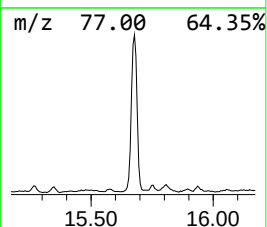
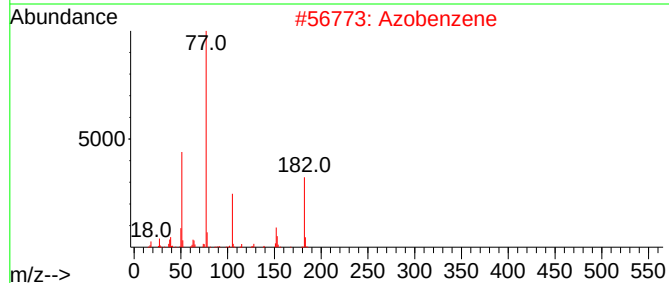
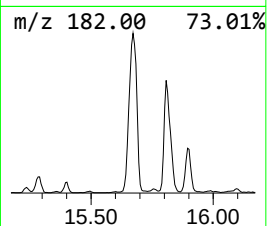
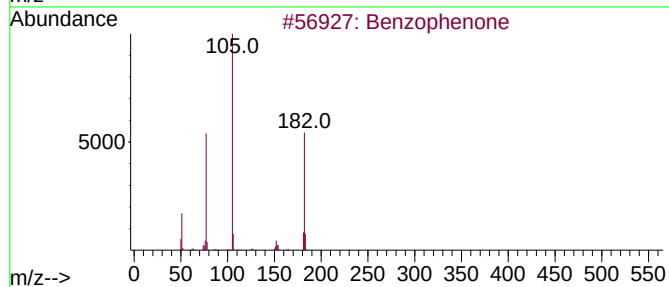
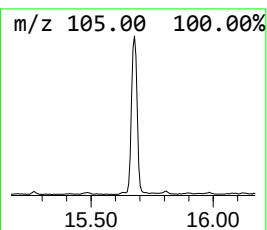
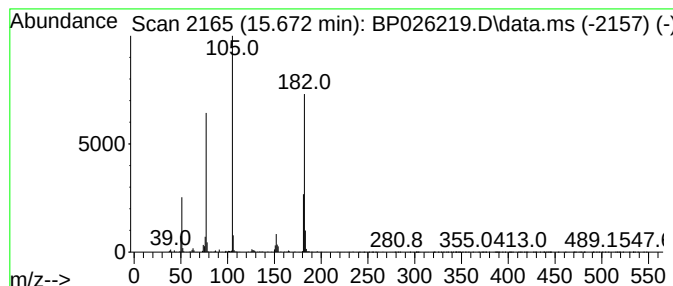
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.672	11.48 ng	1998740	Acenaphthene-d10	14.290

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Azobenzene	182	C12H10N2	000103-33-3	53
3			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	45
4			9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	38
5			Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026219.D
Acq On : 02 Dec 2025 22:43
Operator : RC/JU
Sample : Q3742-03
Misc :
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BNA_P
ClientSampleId :
SB-1125-8

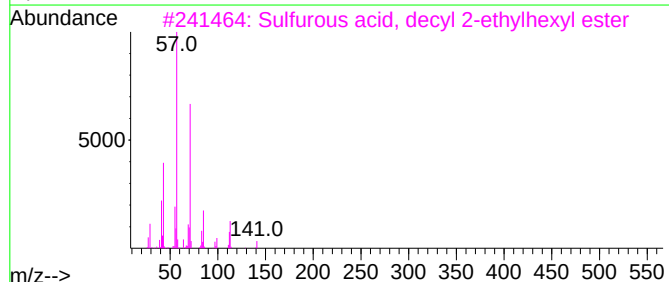
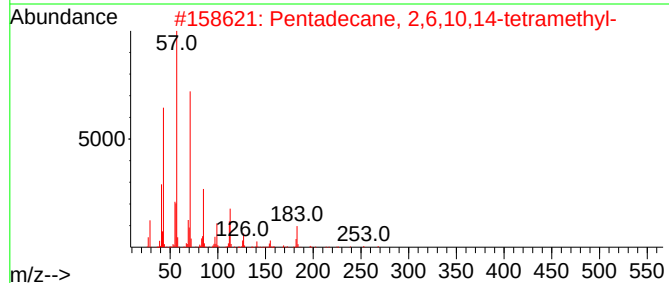
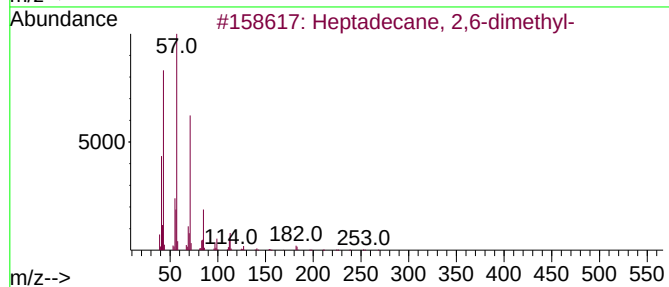
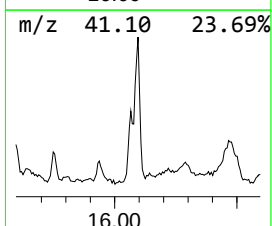
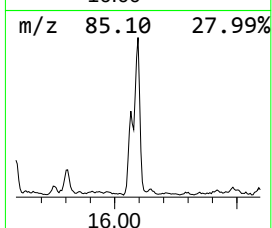
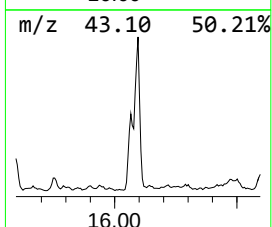
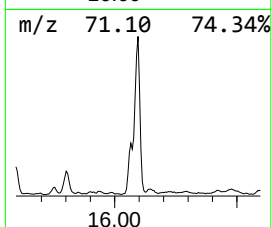
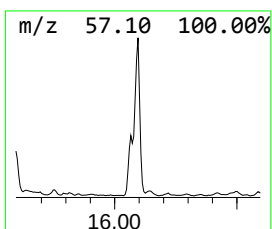
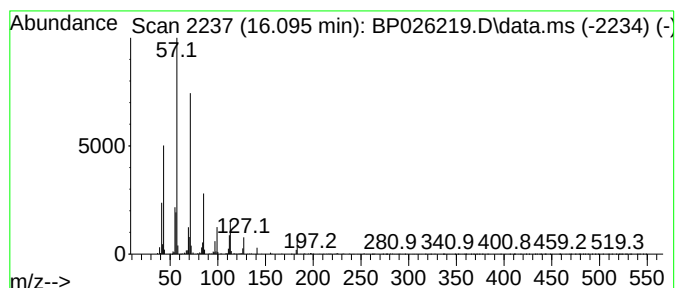
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.095	4.98 ng	902759	Phenanthrene-d10	17.095

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	91
2			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026219.D
Acq On : 02 Dec 2025 22:43
Operator : RC/JU
Sample : Q3742-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

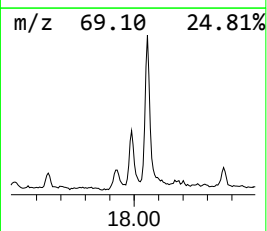
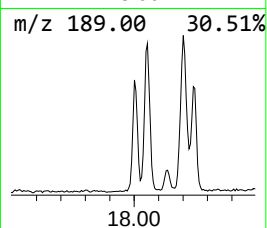
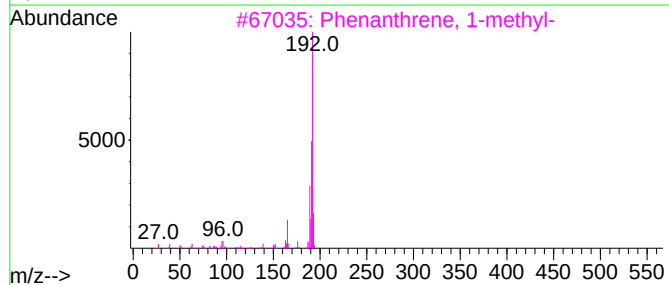
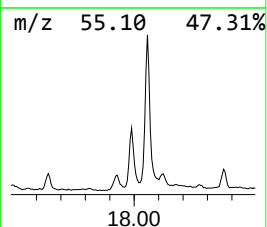
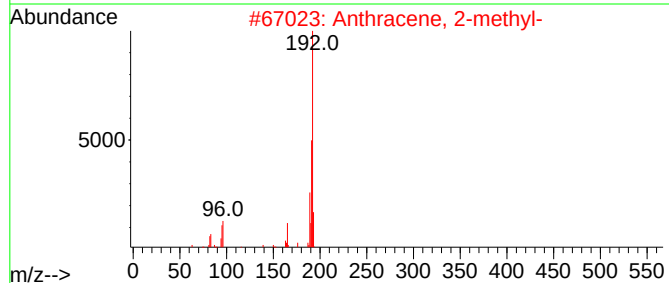
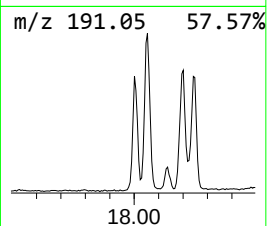
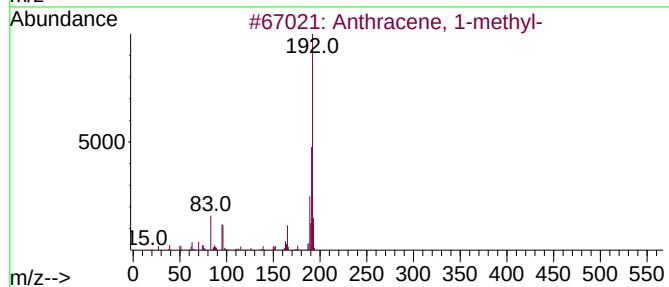
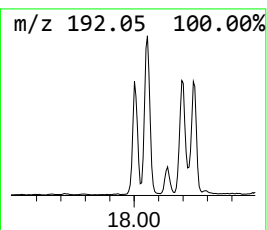
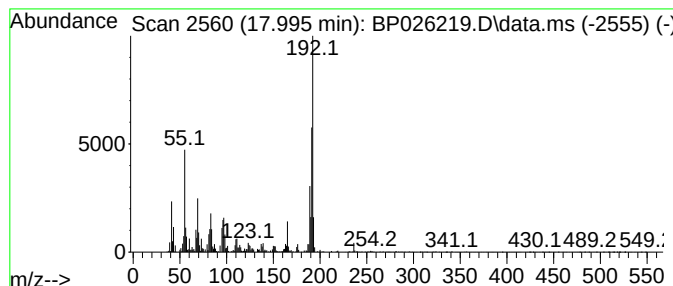
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ClientSampleId :
SB-1125-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.995	6.24 ng	1130670	Phenanthrene-d10		17.095	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-		192	C15H12	000610-48-0	98
2	Anthracene, 2-methyl-		192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-		192	C15H12	000779-02-2	96
5	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026219.D
Acq On : 02 Dec 2025 22:43
Operator : RC/JU
Sample : Q3742-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

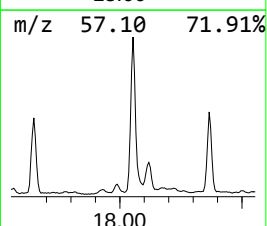
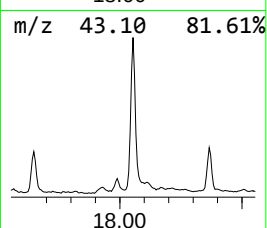
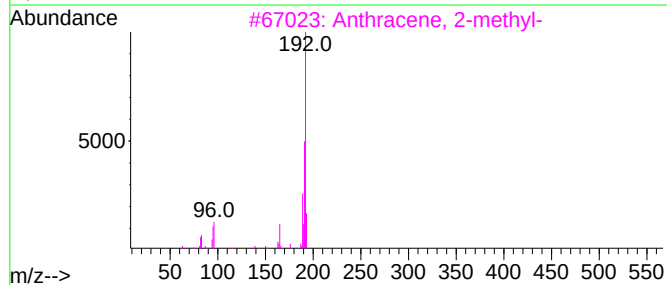
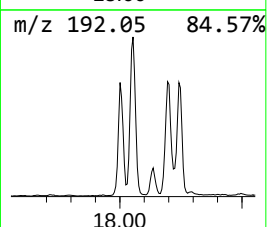
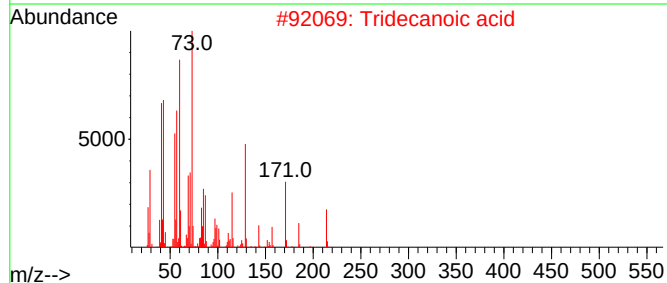
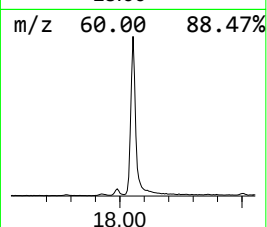
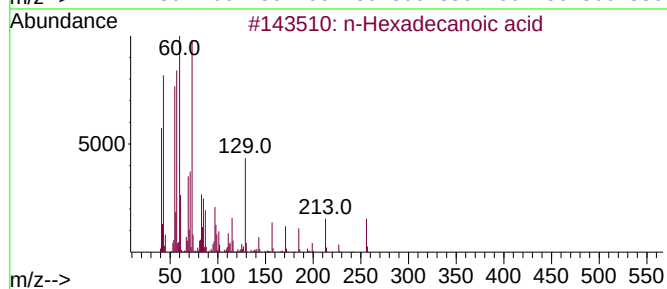
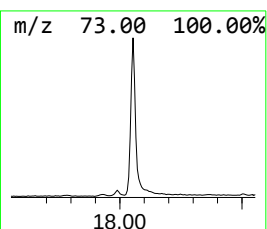
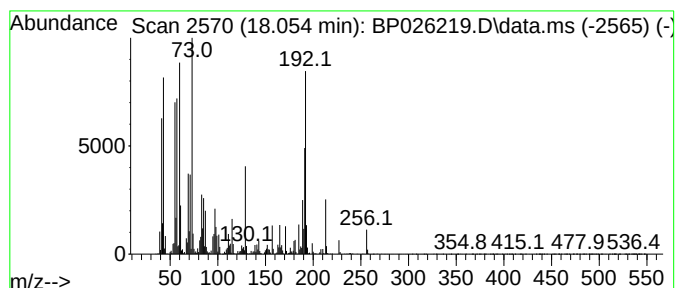
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.054	21.21 ng	3843900	Phenanthrene-d10	17.095	
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	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026219.D
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Operator : RC/JU
Sample : Q3742-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

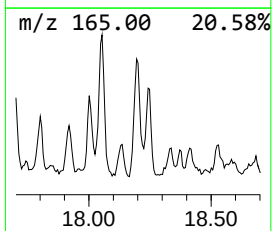
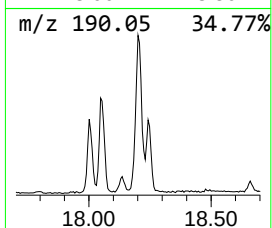
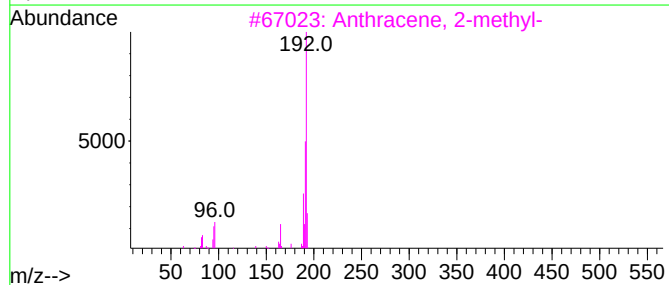
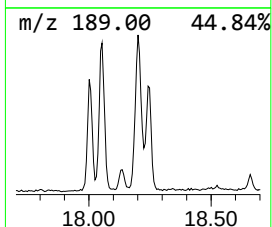
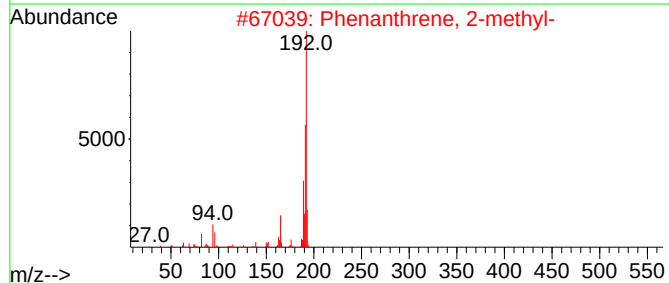
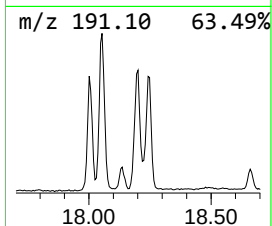
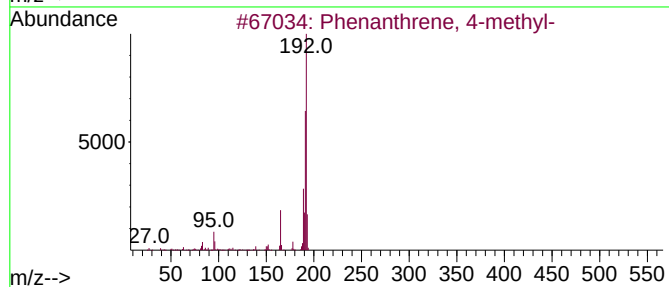
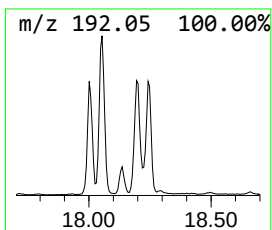
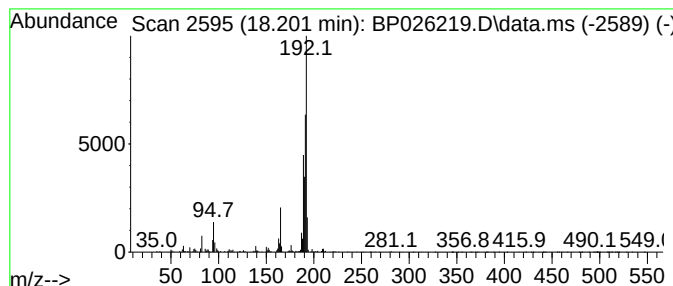
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.201	4.73 ng	857216	Phenanthrene-d10			17.095
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	93
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	86
3	Anthracene, 2-methyl-		192	C15H12	000613-12-7	86
4	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	86
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026219.D
Acq On : 02 Dec 2025 22:43
Operator : RC/JU
Sample : Q3742-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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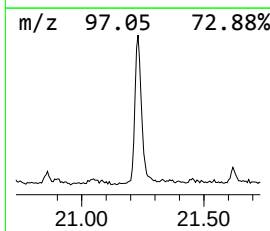
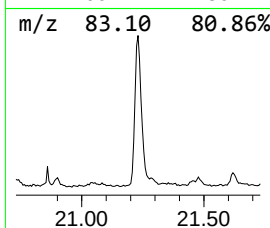
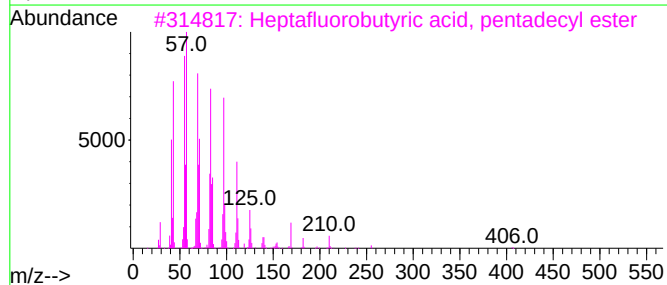
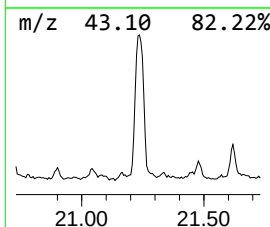
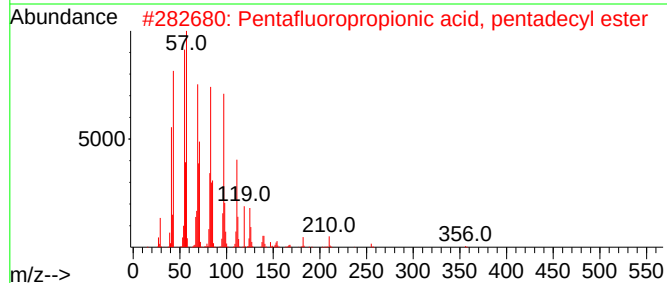
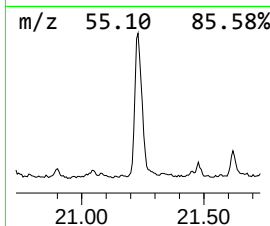
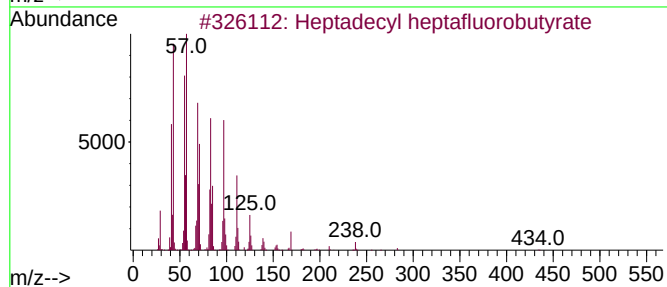
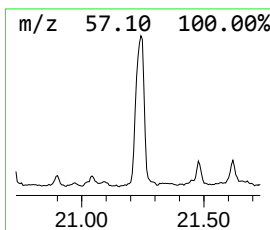
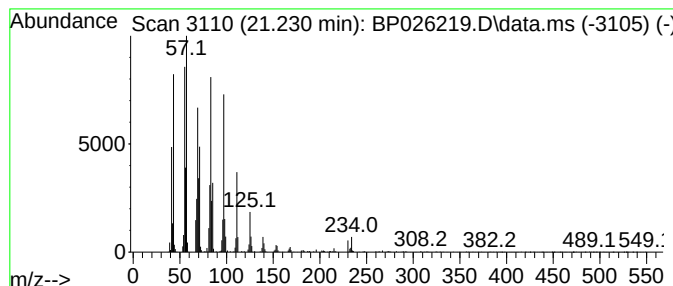
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.230	13.00 ng	3069000	Chrysene-d12	21.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91
5			1-Docosene	308	C22H44	001599-67-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
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Sample : Q3742-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

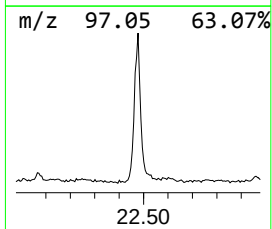
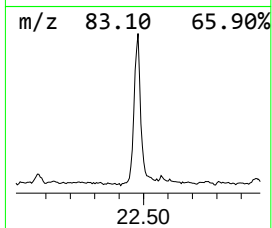
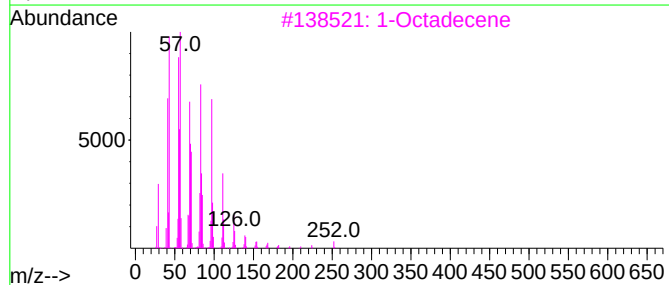
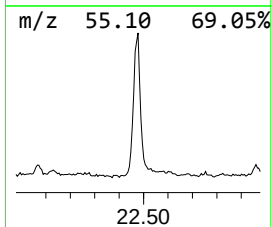
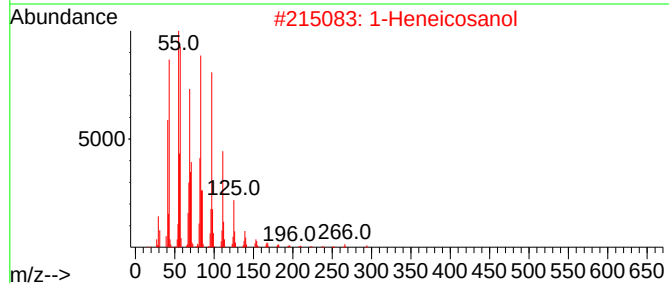
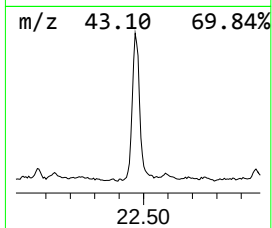
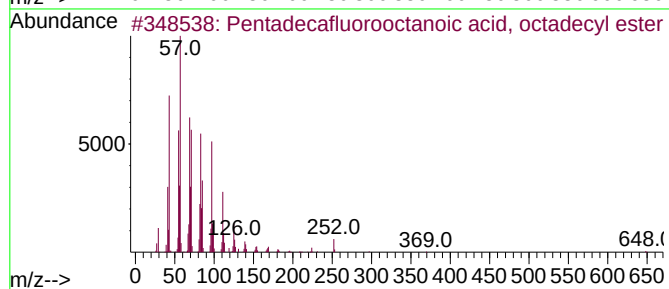
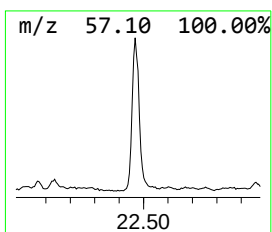
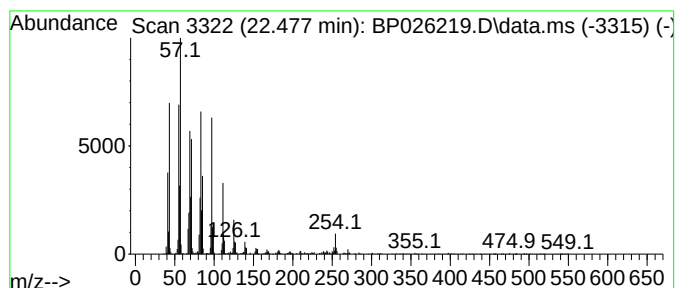
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecafluorooctanoic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.477	11.17 ng	2636560	Chrysene-d12	21.536	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	1-Octadecene	252	C18H36	000112-88-9	92
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
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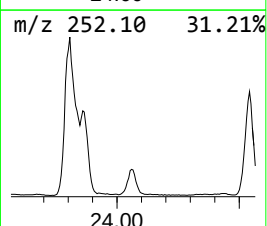
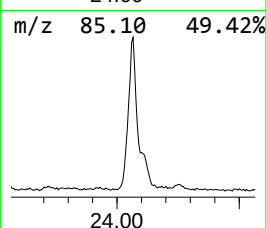
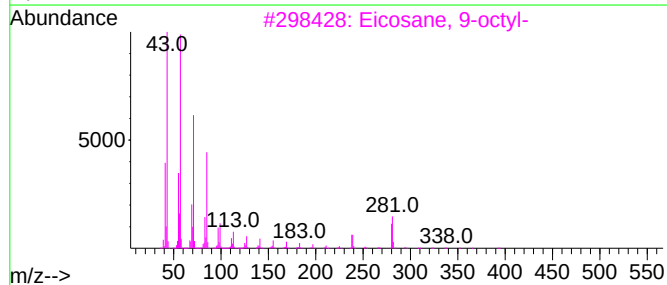
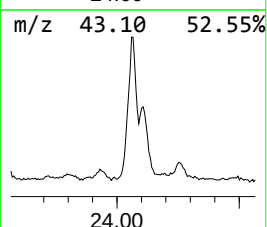
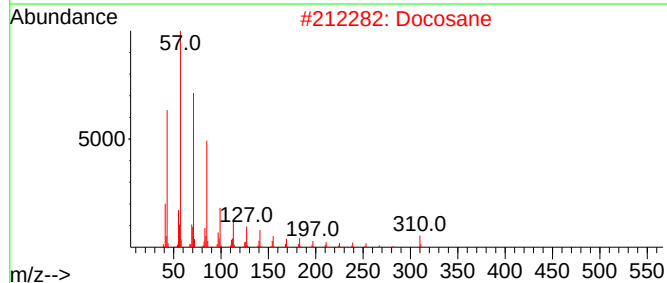
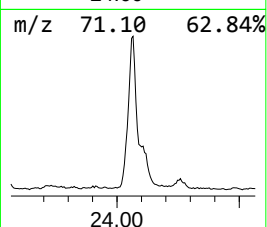
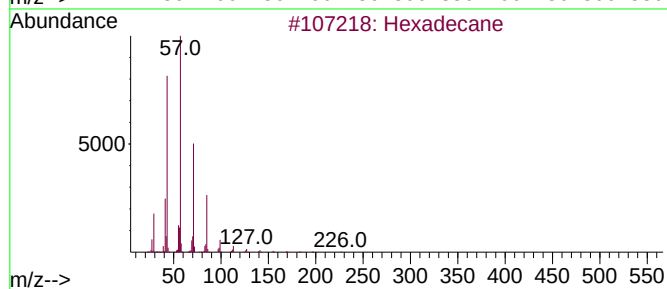
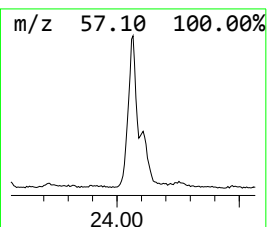
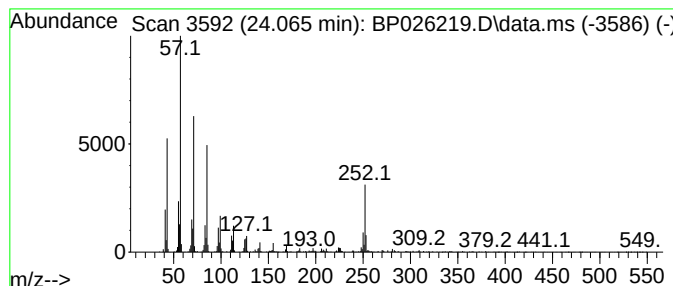
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.066	7.56 ng	1329270	Perylene-d12	24.836	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Docosane	310	C22H46	000629-97-0	93
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	89
4	Hentriacontane	437	C31H64	000630-04-6	81
5	Octacosane	394	C28H58	000630-02-4	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
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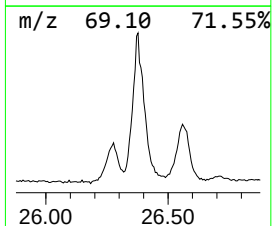
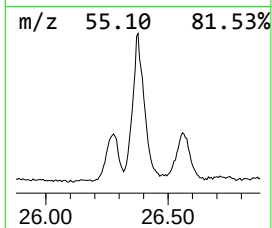
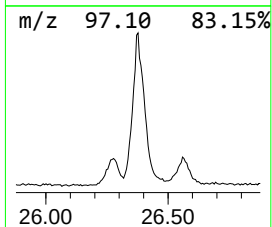
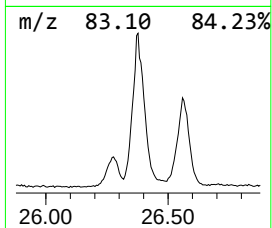
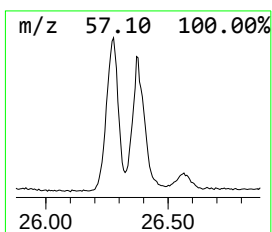
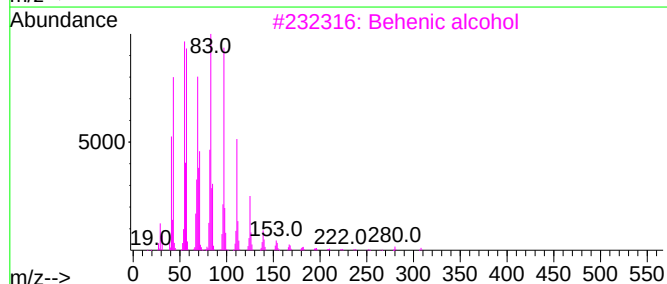
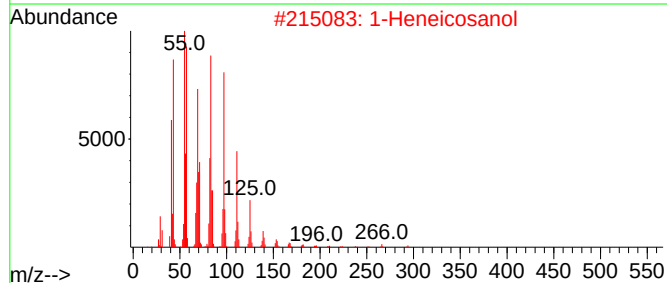
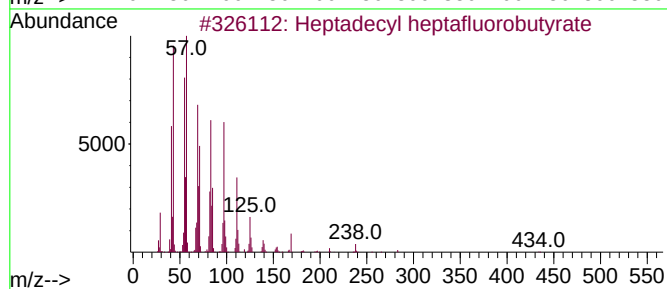
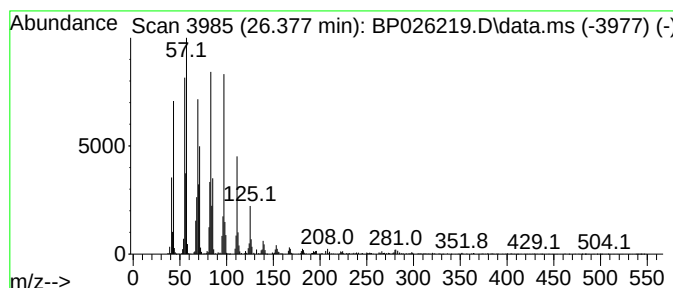
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
26.377	20.09 ng	3533880	Perylene-d12	24.836	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026219.D
Acq On : 02 Dec 2025 22:43
Operator : RC/JU
Sample : Q3742-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanone, 1-(2-...	9.984	10.7	ng	1271020	2	10.425	2371650	20.0
Naphthalene, 2,...	13.607	6.1	ng	1055300	3	14.290	3482070	20.0
Coumarin	13.784	20.3	ng	3527740	3	14.290	3482070	20.0
Benzophenone	15.672	11.5	ng	1998740	3	14.290	3482070	20.0
Heptadecane, 2,...	16.095	5.0	ng	902759	4	17.095	3624440	20.0
Anthracene, 1-m...	17.995	6.2	ng	1130670	4	17.095	3624440	20.0
n-Hexadecanoic ...	18.054	21.2	ng	3843900	4	17.095	3624440	20.0
Phenanthrene, 4...	18.201	4.7	ng	857216	4	17.095	3624440	20.0
Heptadecyl hept...	21.230	13.0	ng	3069000	5	21.536	4722180	20.0
Pentadecafluoro...	22.477	11.2	ng	2636560	5	21.536	4722180	20.0
Hexadecane	24.066	7.6	ng	1329270	6	24.836	3518840	20.0
1-Heneicosanol	26.377	20.1	ng	3533880	6	24.836	3518840	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026218.D
 Acq On : 02 Dec 2025 22:02
 Operator : RC/JU
 Sample : Q3742-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-9

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025

Quant Time: Dec 03 00:24:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	224192	20.000	ng	-0.02
21) Naphthalene-d8	10.419	136	1037378	20.000	ng	-0.03
39) Acenaphthene-d10	14.284	164	805416	20.000	ng	-0.04
64) Phenanthrene-d10	17.078	188	1835998	20.000	ng	-0.05
76) Chrysene-d12	21.542	240	1837075	20.000	ng	-0.03
86) Perylene-d12	24.836	264	1727619	20.000	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	956606	68.487	ng	0.00
7) Phenol-d6	6.837	99	1267464	71.279	ng	-0.02
23) Nitrobenzene-d5	8.796	82	745888	40.842	ng	-0.02
42) 2,4,6-Tribromophenol	15.795	330	791171	75.723	ng	-0.04
45) 2-Fluorobiphenyl	12.895	172	2266771	41.248	ng	-0.04
79) Terphenyl-d14	19.830	244	4534879	50.335	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.813	77	34375	3.689	ng	98
31) Naphthalene	10.472	128	245688	4.382	ng	99
32) Benzoic acid	9.660	122	29321m	2.066	ng	
37) 2-Methylnaphthalene	12.084	142	282961	7.119	ng	99
38) 1-Methylnaphthalene	12.301	142	255307	6.572	ng	98
55) Dibenzofuran	14.684	168	150041	2.101	ng	# 96
71) Phenanthrene	17.125	178	442271	4.276	ng	99
74) Di-n-butylphthalate	18.107	149	5349787	45.039	ng	99

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

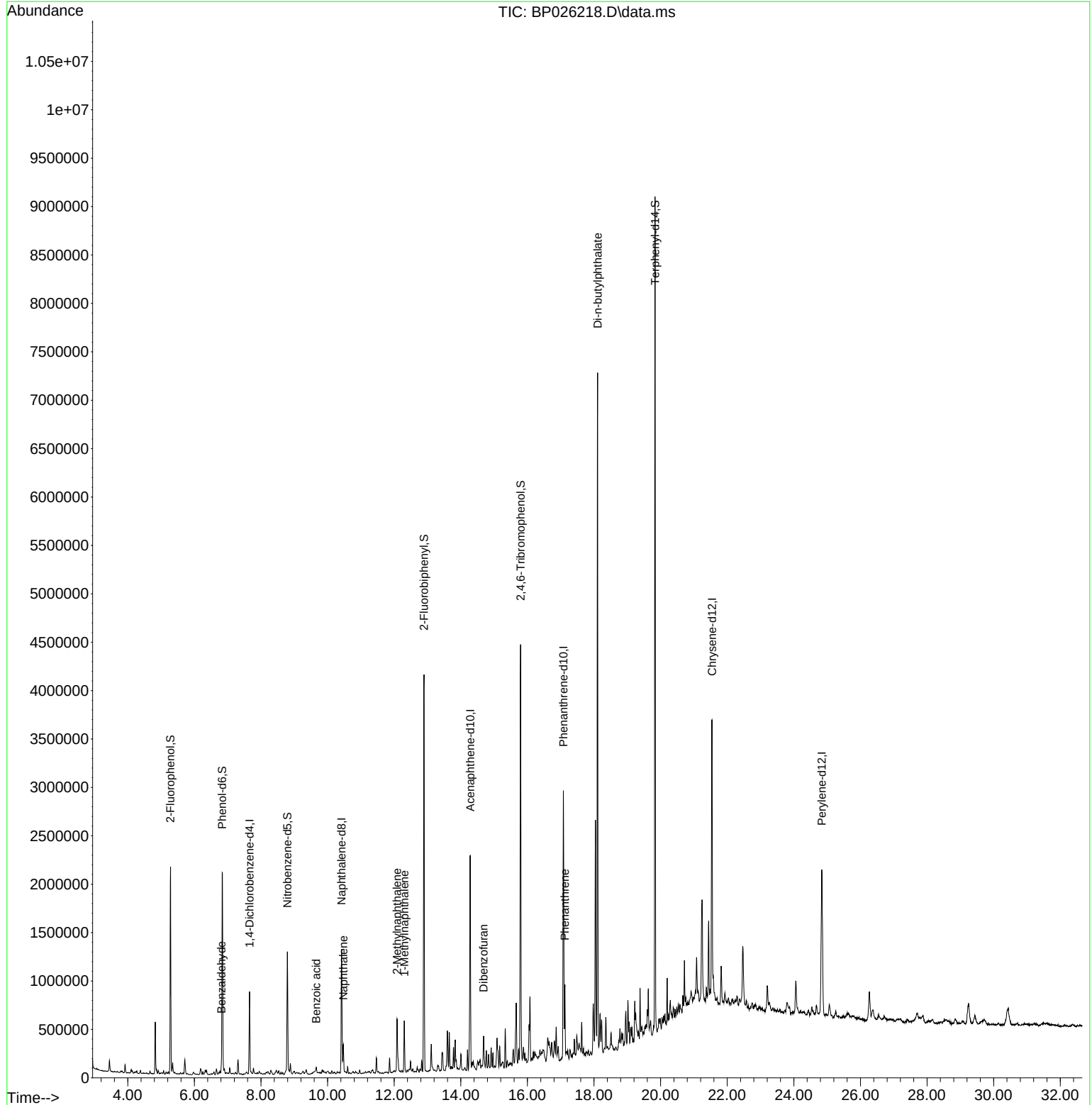
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Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

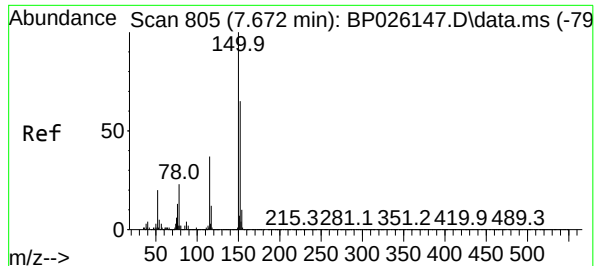
Instrument :
BNA_P
ClientSampleId :
SB-1125-9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

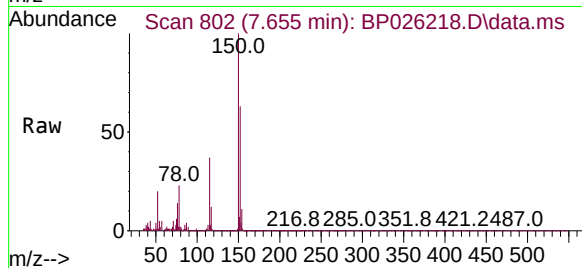
Quant Time: Dec 03 00:24:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

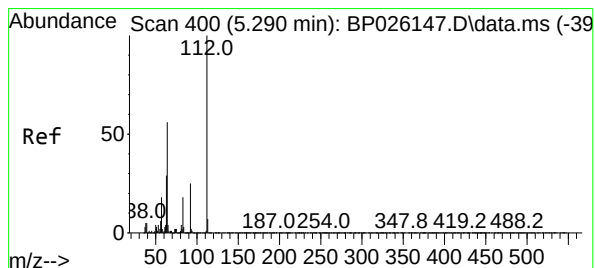
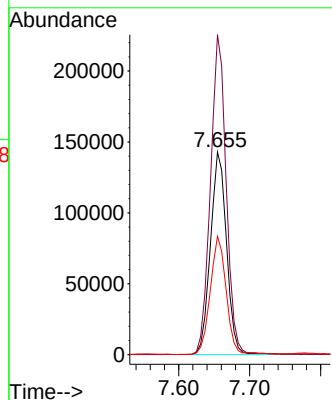
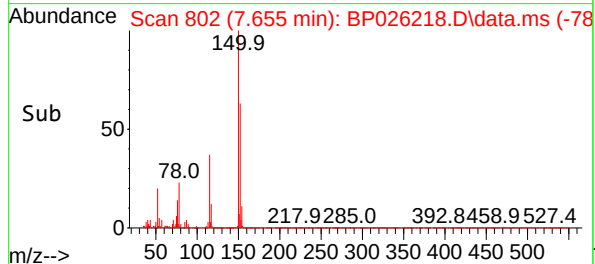
Instrument :
BNA_P
ClientSampleId :
SB-1125-9



Tgt Ion:152 Resp: 224192
Ion Ratio Lower Upper
152 100
150 157.9 123.0 184.6
115 58.4 46.3 69.5

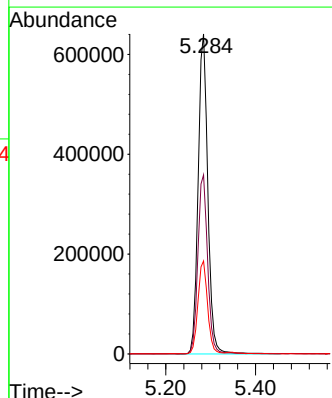
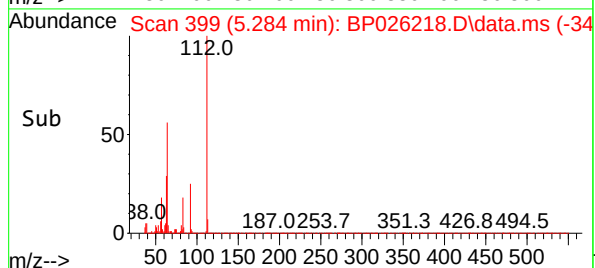
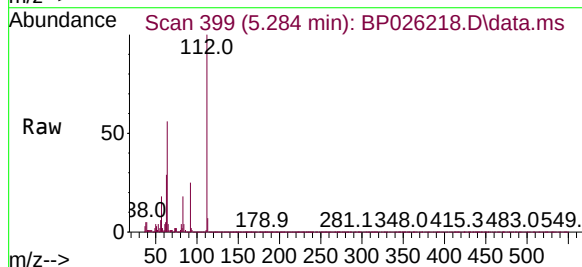
Manual Integrations
APPROVED

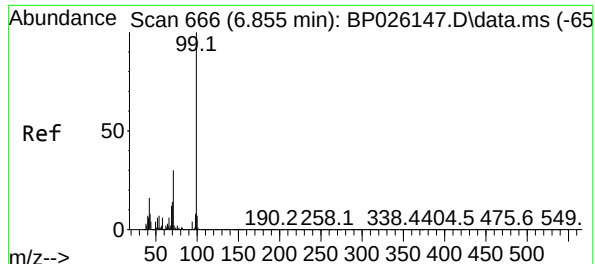
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#5
2-Fluorophenol
Concen: 68.487 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

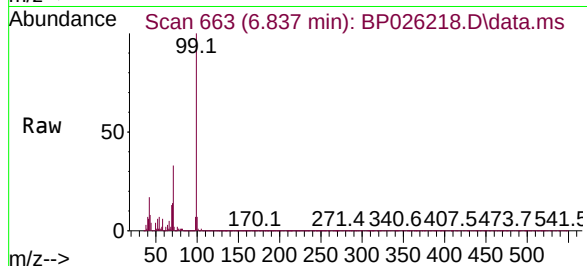
Tgt Ion:112 Resp: 956606
Ion Ratio Lower Upper
112 100
64 55.9 45.8 68.6
63 29.0 23.5 35.3





#7
Phenol-d6
Concen: 71.279 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.018 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

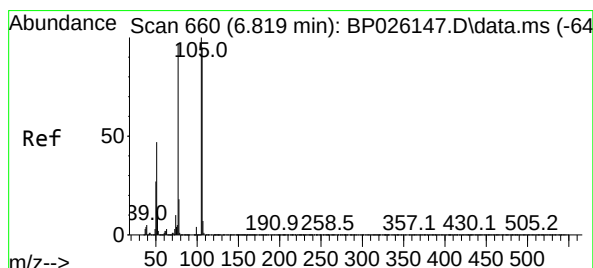
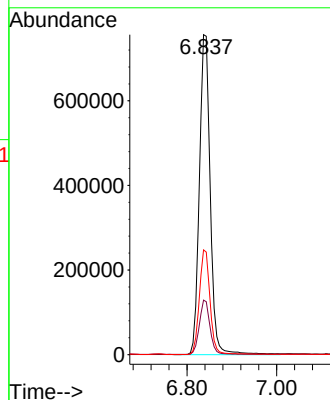
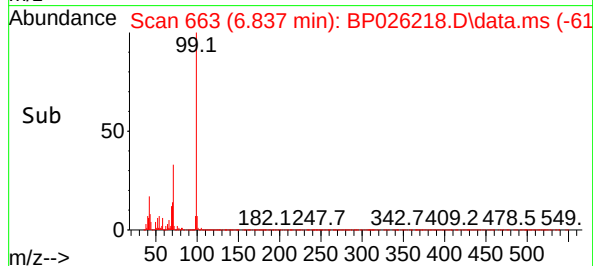
Instrument :
BNA_P
ClientSampleId :
SB-1125-9



Tgt Ion: 99 Resp: 1267464
Ion Ratio Lower Upper
99 100
42 17.0 12.9 19.3
71 32.7 24.8 37.2

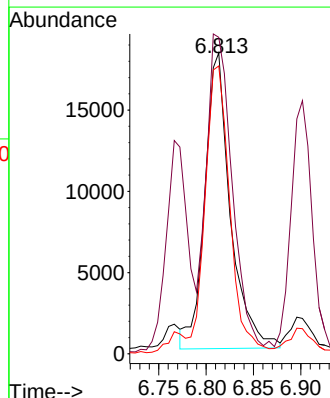
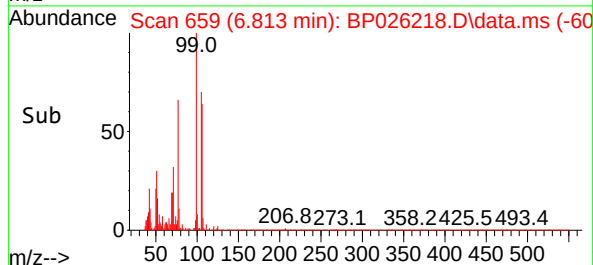
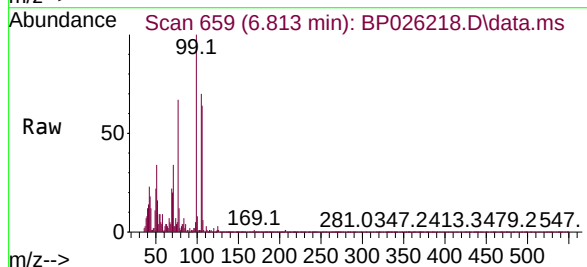
Manual Integrations
APPROVED

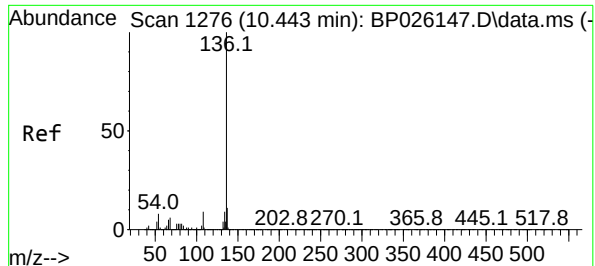
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#9
Benzaldehyde
Concen: 3.689 ng
RT: 6.813 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

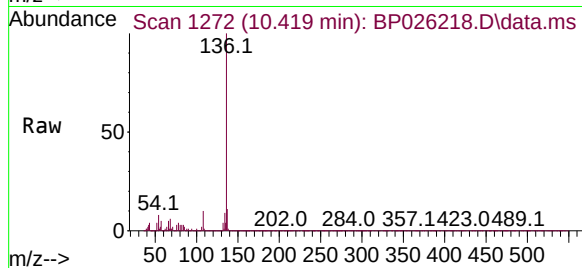
Tgt Ion: 77 Resp: 34375
Ion Ratio Lower Upper
77 100
105 105.1 82.9 122.9
106 95.6 77.8 117.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.029 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

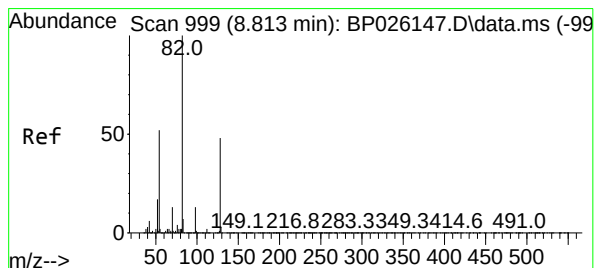
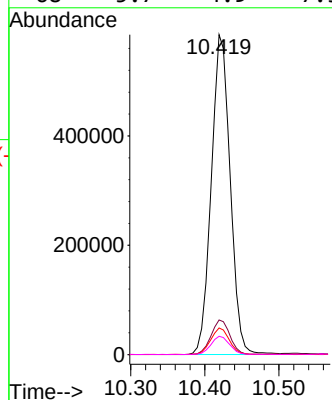
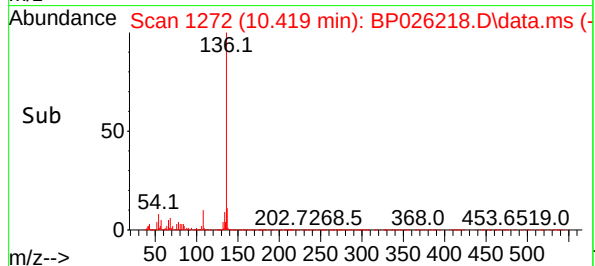
Instrument :
BNA_P
ClientSampleId :
SB-1125-9



Tgt Ion: 136 Resp: 1037378
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.3 6.4 9.6
68 5.7 4.9 7.3

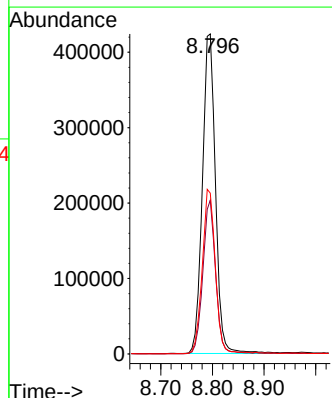
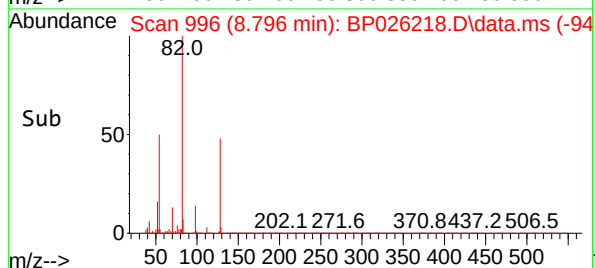
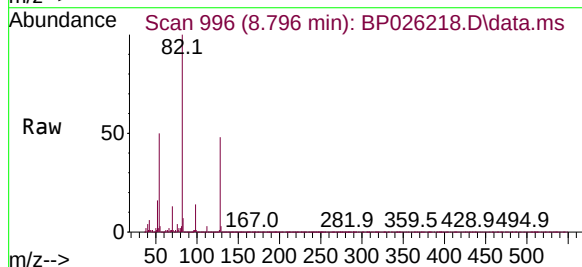
Manual Integrations
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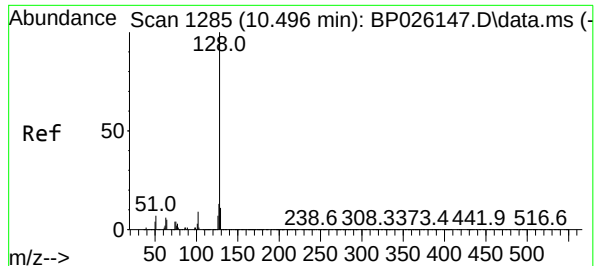
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#23
Nitrobenzene-d5
Concen: 40.842 ng
RT: 8.796 min Scan# 996
Delta R.T. -0.018 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

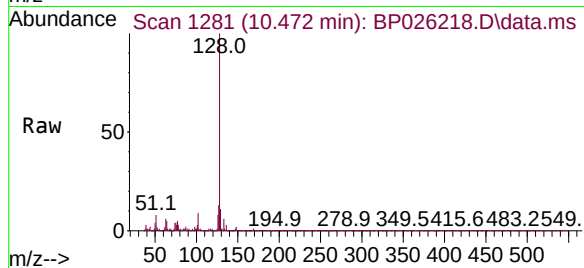
Tgt Ion: 82 Resp: 745888
Ion Ratio Lower Upper
82 100
128 48.0 37.4 56.0
54 50.2 41.6 62.4





#31
Naphthalene
Concen: 4.382 ng
RT: 10.472 min Scan# 1143
Delta R.T. -0.023 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

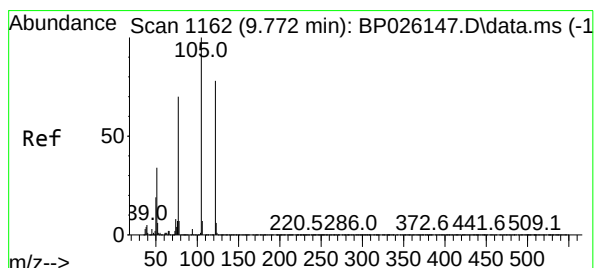
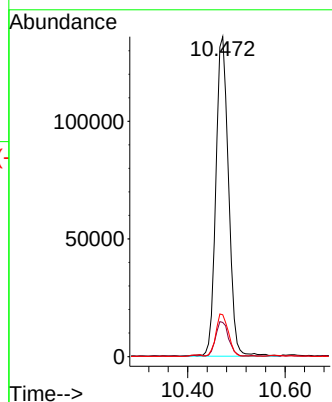
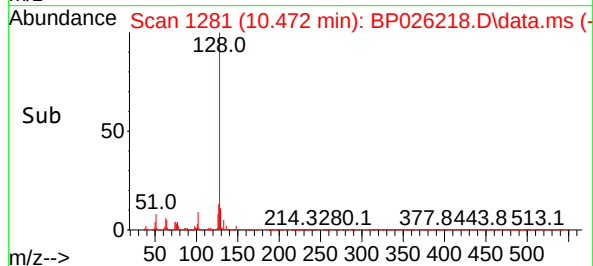
Instrument :
BNA_P
ClientSampleId :
SB-1125-9



Tgt Ion:128 Resp: 245688
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.1 10.2 15.4

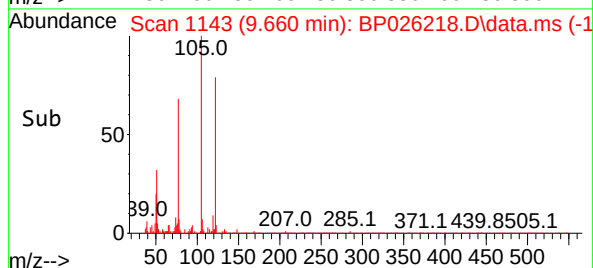
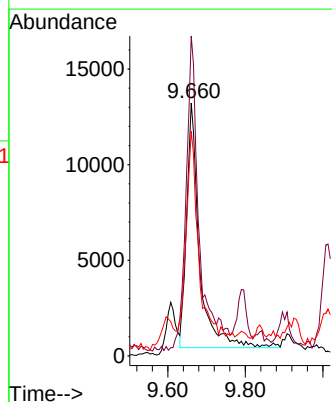
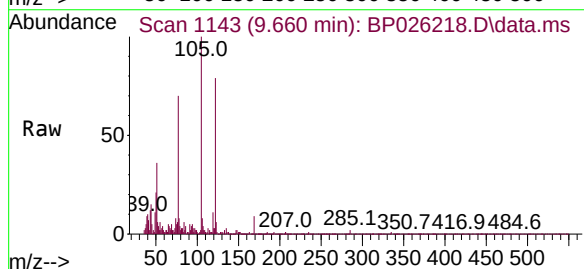
Manual Integrations
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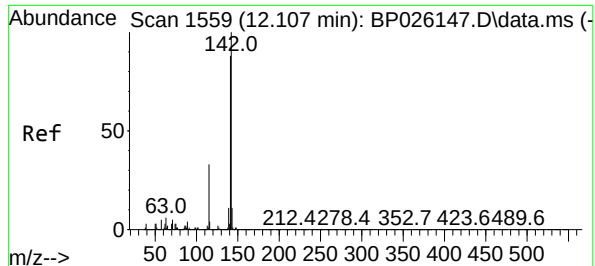
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#32
Benzoic acid
Concen: 2.066 ng m
RT: 9.660 min Scan# 1143
Delta R.T. -0.106 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

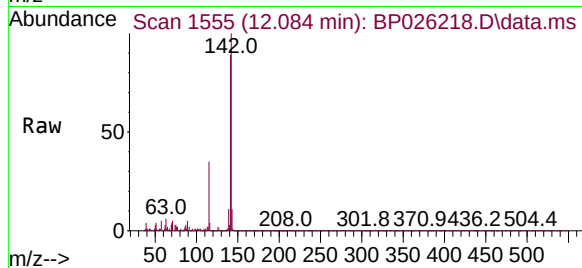
Tgt Ion:122 Resp: 29321
Ion Ratio Lower Upper
122 100
105 126.5 100.1 140.1
77 88.9 66.7 106.7





#37
2-Methylnaphthalene
Concen: 7.119 ng
RT: 12.084 min Scan# 1555
Delta R.T. -0.029 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

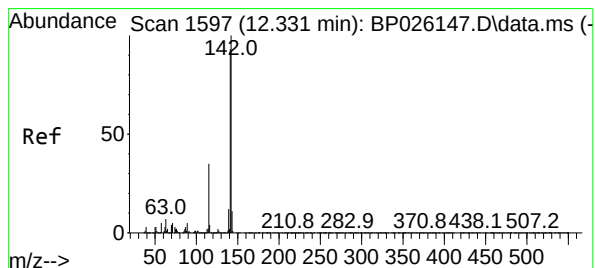
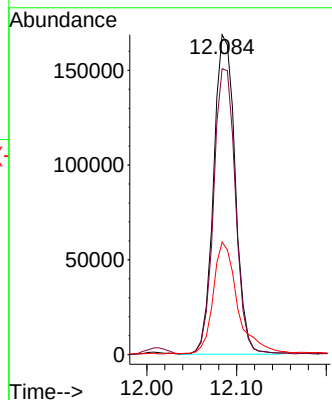
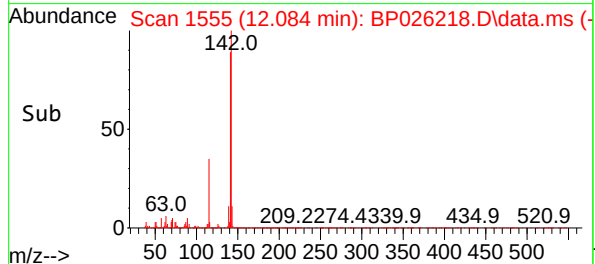
Instrument :
BNA_P
ClientSampleId :
SB-1125-9



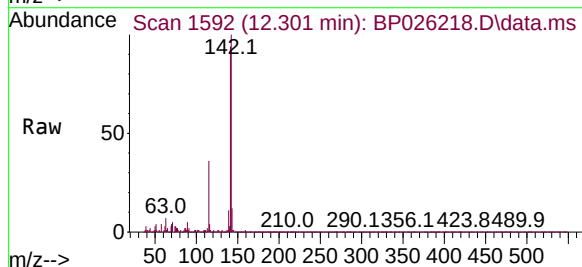
Tgt Ion:142 Resp: 282961
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6
115 35.2 26.6 39.8

Manual Integrations
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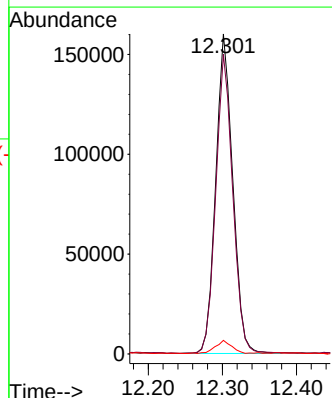
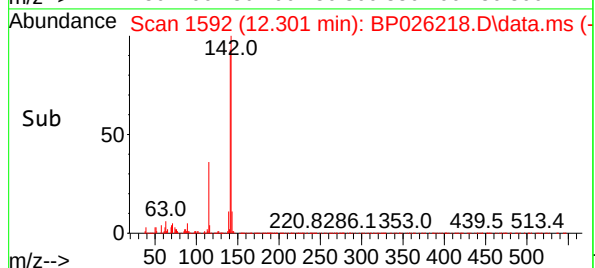
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

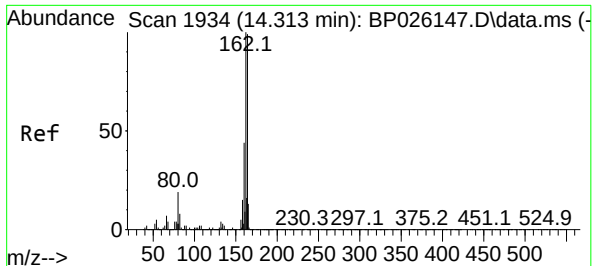


#38
1-Methylnaphthalene
Concen: 6.572 ng
RT: 12.301 min Scan# 1592
Delta R.T. -0.029 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02



Tgt Ion:142 Resp: 255307
Ion Ratio Lower Upper
142 100
141 93.6 73.5 110.3
116 4.2 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.284 min Scan# 1934

Delta R.T. -0.041 min

Lab File: BP026218.D

Acq: 02 Dec 2025 22:02

Instrument :

BNA_P

ClientSampleId :

SB-1125-9

Tgt Ion:164 Resp: 805416

Ion Ratio Lower Upper

164 100

162 102.8 80.3 120.5

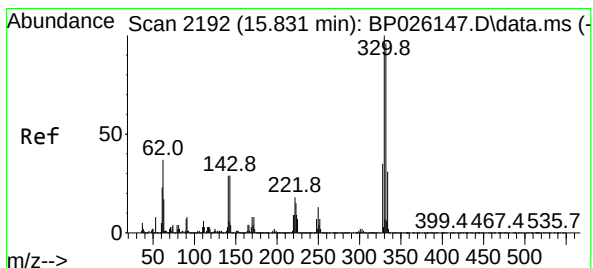
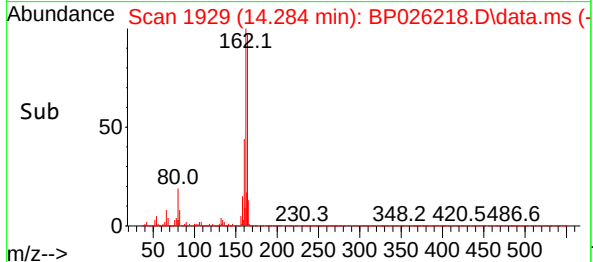
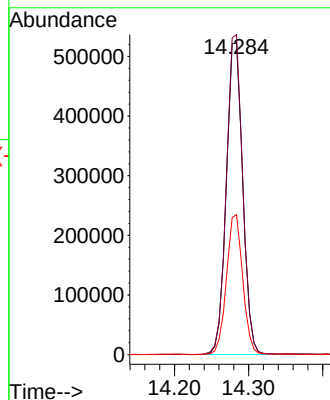
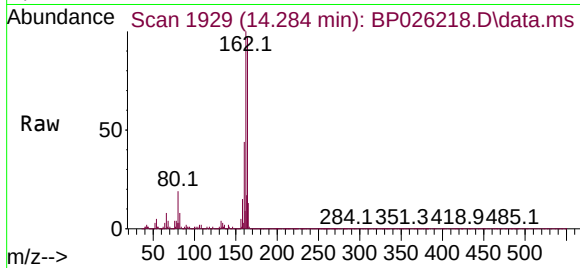
160 44.9 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#42

2,4,6-Tribromophenol

Concen: 75.723 ng

RT: 15.795 min Scan# 2186

Delta R.T. -0.041 min

Lab File: BP026218.D

Acq: 02 Dec 2025 22:02

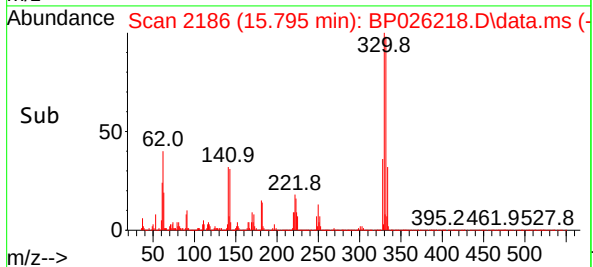
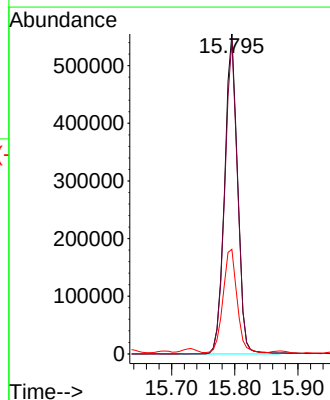
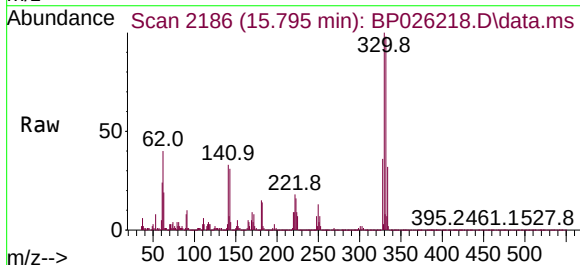
Tgt Ion:330 Resp: 791171

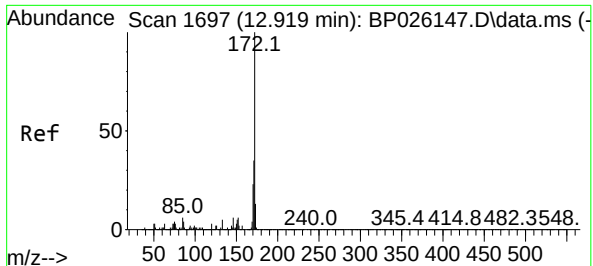
Ion Ratio Lower Upper

330 100

332 96.9 78.0 117.0

141 35.0 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 41.248 ng

RT: 12.895 min Scan# 1693

Delta R.T. -0.035 min

Lab File: BP026218.D

Acq: 02 Dec 2025 22:02

Instrument :

BNA_P

ClientSampleId :

SB-1125-9

Tgt Ion:172 Resp: 226677

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

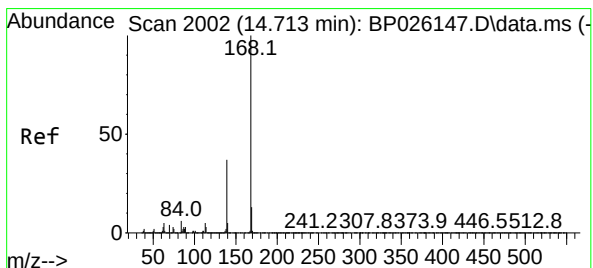
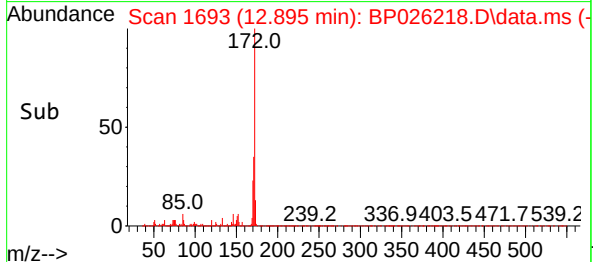
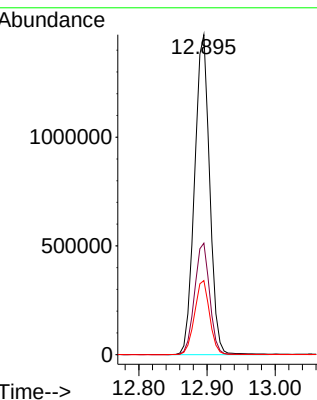
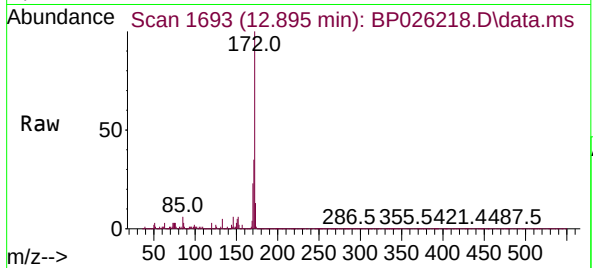
170 23.1 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#55

Dibenzofuran

Concen: 2.101 ng

RT: 14.684 min Scan# 1997

Delta R.T. -0.041 min

Lab File: BP026218.D

Acq: 02 Dec 2025 22:02

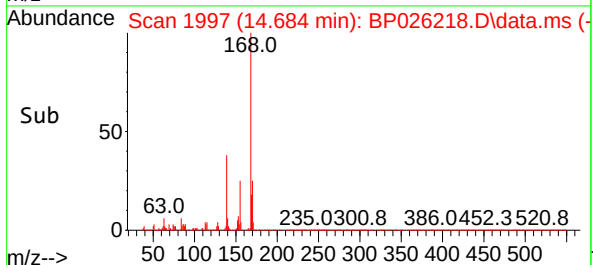
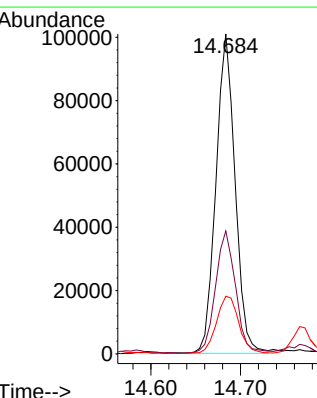
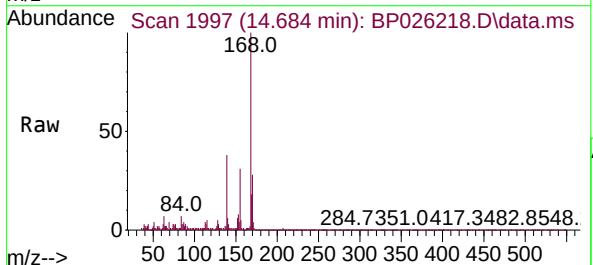
Tgt Ion:168 Resp: 150041

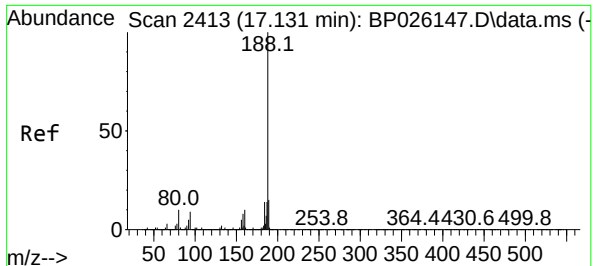
Ion Ratio Lower Upper

168 100

139 38.4 29.8 44.6

169 18.0 10.9 16.3#





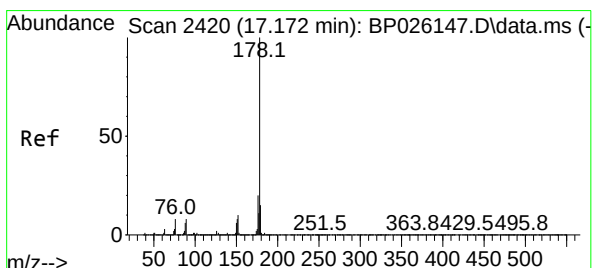
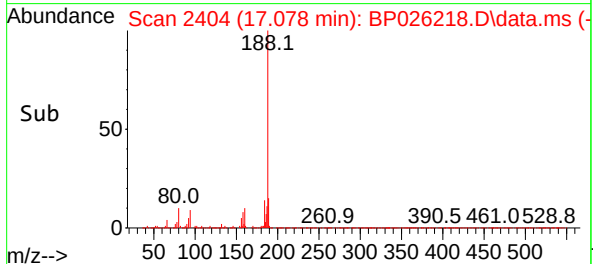
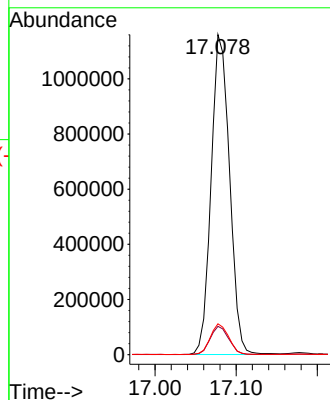
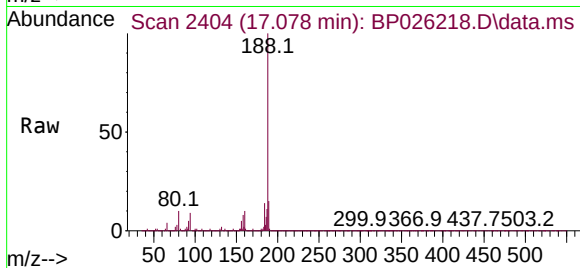
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.078 min Scan# 2413
Delta R.T. -0.053 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

Instrument :
BNA_P
ClientSampleId :
SB-1125-9

Tgt Ion:188 Resp: 1835998
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.6
80 9.6 8.2 12.2

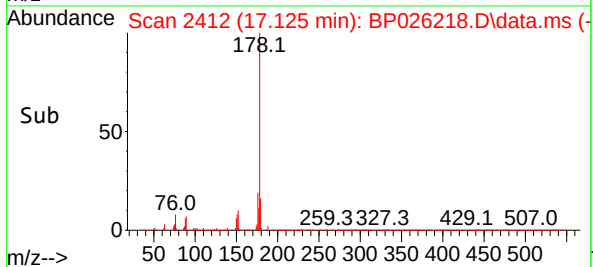
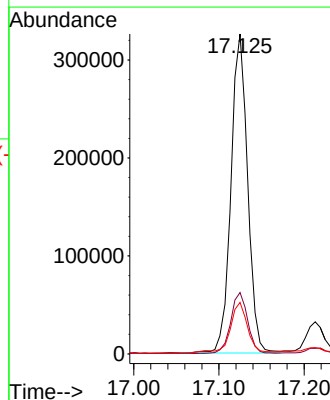
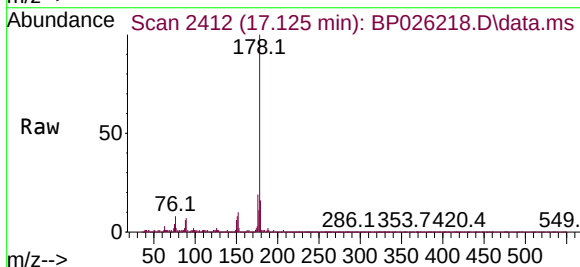
Manual Integrations
APPROVED

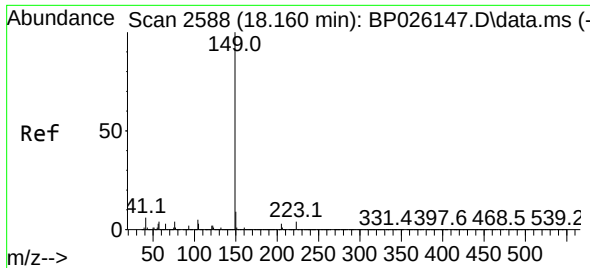
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#71
Phenanthrene
Concen: 4.276 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.053 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

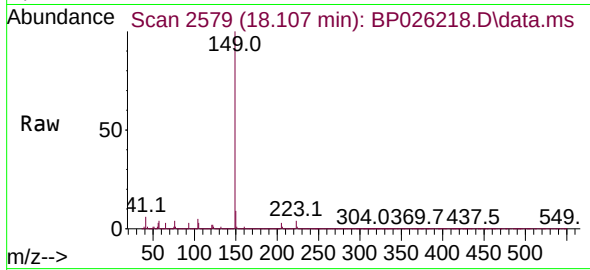
Tgt Ion:178 Resp: 442271
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 16.1 12.4 18.6





#74
Di-n-butylphthalate
Concen: 45.039 ng
RT: 18.107 min Scan# 21
Delta R.T. -0.053 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

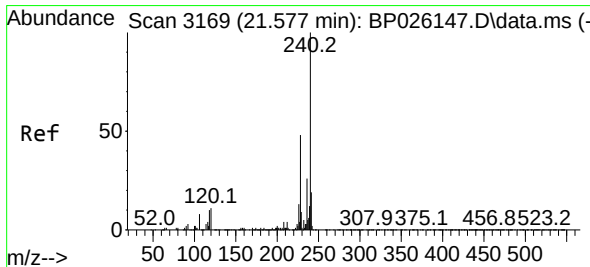
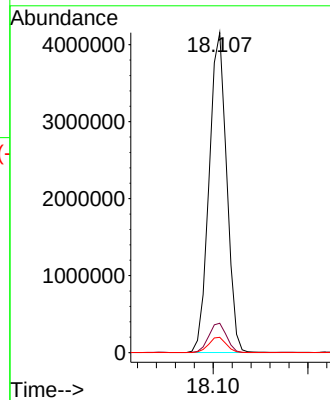
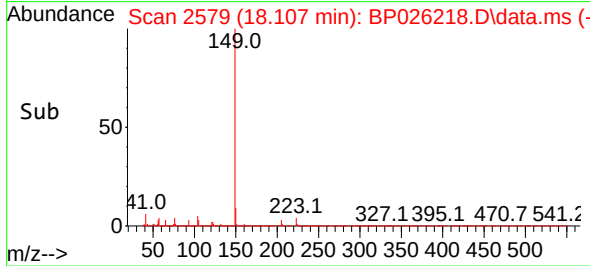
Instrument :
BNA_P
ClientSampleId :
SB-1125-9



Tgt Ion:149 Resp: 534978
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.8 3.6 5.4

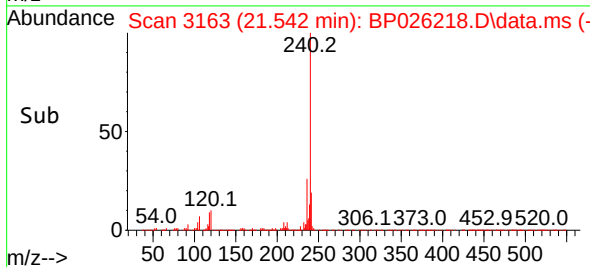
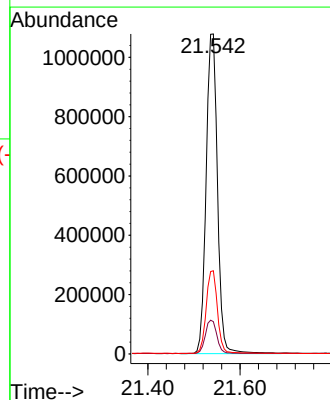
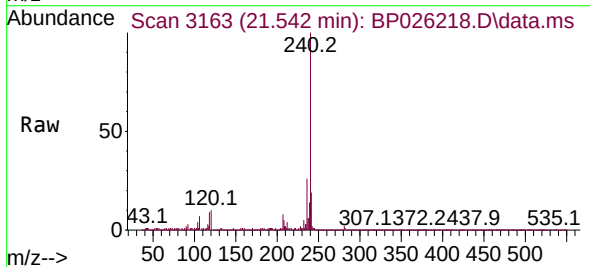
Manual Integrations
APPROVED

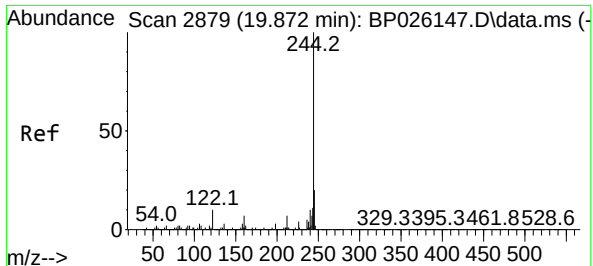
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.029 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

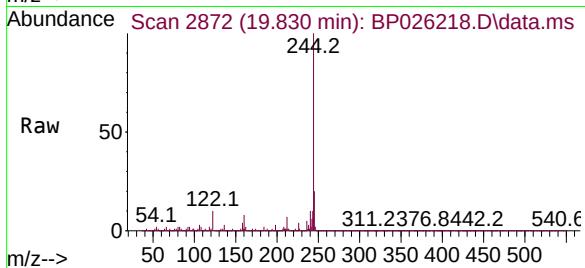
Tgt Ion:240 Resp: 1837075
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.4
236 26.0 20.4 30.6





#79
Terphenyl-d14
Concen: 50.335 ng
RT: 19.830 min Scan# 2879
Delta R.T. -0.041 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

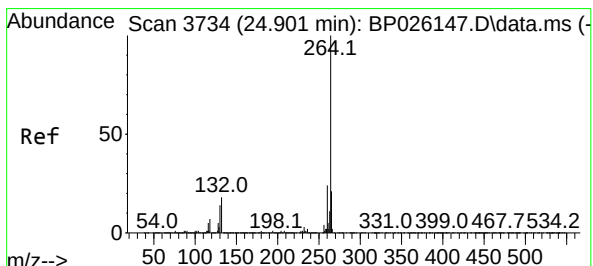
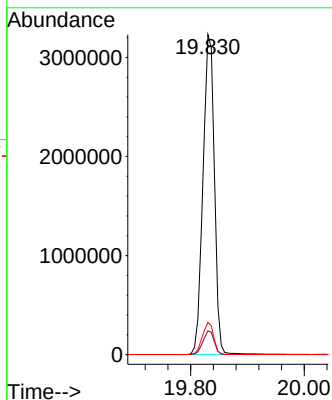
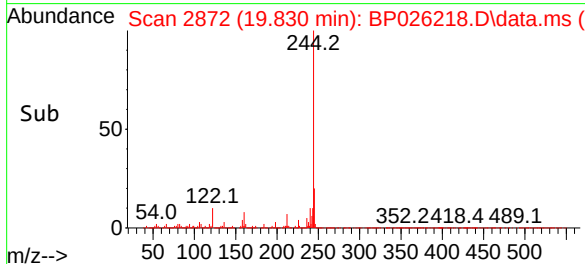
Instrument :
BNA_P
ClientSampleId :
SB-1125-9



Tgt Ion:244 Resp: 4534879
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 10.1 8.2 12.2

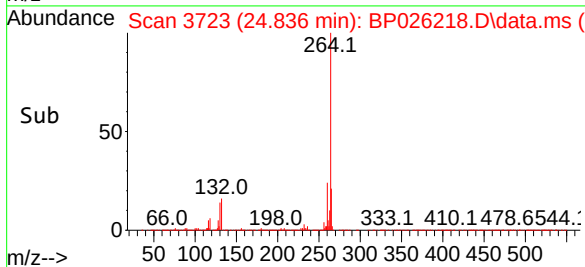
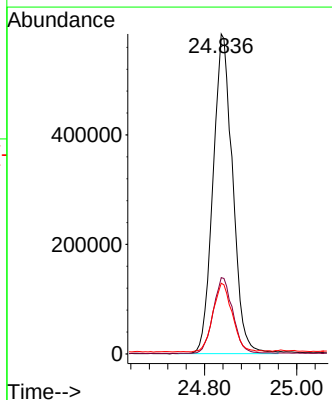
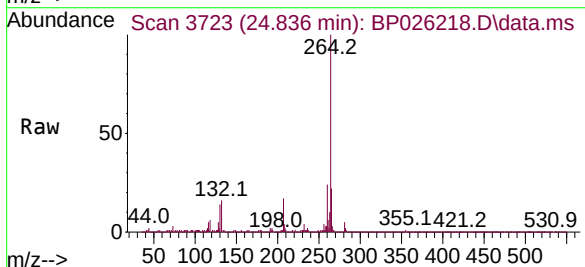
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.836 min Scan# 3723
Delta R.T. -0.070 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

Tgt Ion:264 Resp: 1727619
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 22.1 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-9

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026218.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.449	82	87	96	rVB2	115273	198115	1.64%	0.188%
2	3.919	162	167	175	rVB	85382	135519	1.12%	0.129%
3	4.825	316	321	326	rBV	534549	767294	6.34%	0.730%
4	5.284	392	399	406	rBV	2140122	3177720	26.26%	3.023%
5	5.349	406	410	417	rVB	105300	175696	1.45%	0.167%
6	5.714	466	472	481	rVB3	150005	293045	2.42%	0.279%
7	6.184	541	552	560	rBV5	62554	145043	1.20%	0.138%
8	6.661	627	633	640	rBV3	57546	124509	1.03%	0.118%
9	6.837	655	663	671	rBV	2068063	3556222	29.39%	3.383%
10	7.308	738	743	750	rBV2	147102	269291	2.23%	0.256%
11	7.655	795	802	808	rBV	849947	1327299	10.97%	1.263%
12	8.796	978	996	1007	rBV	1269197	2411562	19.93%	2.294%
13	8.884	1007	1011	1020	rVB	112410	181599	1.50%	0.173%
14	9.360	1083	1092	1104	rVB7	47054	135588	1.12%	0.129%
15	10.419	1264	1272	1277	rBV	1283784	2261031	18.69%	2.151%
16	10.472	1277	1281	1288	rVB	284662	495073	4.09%	0.471%
17	11.466	1444	1450	1457	rBV	159197	276415	2.28%	0.263%
18	11.860	1511	1517	1524	rBV	159643	245013	2.02%	0.233%
19	12.084	1547	1555	1568	rBV	547572	1139271	9.42%	1.084%
20	12.301	1585	1592	1602	rVB	534037	847639	7.01%	0.806%
21	12.490	1620	1624	1629	rVB2	95298	127812	1.06%	0.122%
22	12.825	1677	1681	1685	rVB	113539	156305	1.29%	0.149%
23	12.895	1685	1693	1700	rBV	4101450	6332272	52.33%	6.024%
24	13.113	1724	1730	1744	rBV3	273025	504322	4.17%	0.480%
25	13.437	1780	1785	1796	rBV2	188305	461945	3.82%	0.439%
26	13.595	1807	1812	1818	rVV	372251	658842	5.44%	0.627%
27	13.654	1818	1822	1828	rVB	378562	547846	4.53%	0.521%
28	13.778	1839	1843	1847	rBV	217890	286046	2.36%	0.272%
29	13.831	1847	1852	1856	rBV	286415	439792	3.63%	0.418%
30	14.001	1873	1881	1891	rVB2	165446	304486	2.52%	0.290%
31	14.201	1910	1915	1919	rBV	215692	288676	2.39%	0.275%
32	14.284	1919	1929	1935	rBV	2216524	3785617	31.29%	3.601%
33	14.507	1960	1967	1972	rBV	92212	239411	1.98%	0.228%
34	14.684	1992	1997	2005	rVB2	321394	596698	4.93%	0.568%
35	14.766	2005	2011	2016	rVB	182140	275658	2.28%	0.262%
36	14.831	2017	2022	2029	rBV3	141616	210505	1.74%	0.200%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-9

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.913	2030	2036	2041	rVV	208207	339544	2.81%	0.323%
38	14.966	2041	2045	2049	rVB2	154099	234368	1.94%	0.223%
39	15.089	2058	2066	2069	rBV3	300994	631071	5.22%	0.600%
40	15.166	2075	2079	2084	rBV	214070	290014	2.40%	0.276%
41	15.337	2102	2108	2113	rBV2	401665	602786	4.98%	0.573%
42	15.395	2113	2118	2122	rBV5	71930	137201	1.13%	0.131%
43	15.578	2142	2149	2153	rBV3	166028	354256	2.93%	0.337%
44	15.666	2155	2164	2171	rVV2	635054	1367153	11.30%	1.301%
45	15.737	2171	2176	2179	rVV3	146671	225295	1.86%	0.214%
46	15.795	2179	2186	2194	rVV	4314838	6611865	54.64%	6.290%
47	15.878	2196	2200	2205	rVV2	144288	274679	2.27%	0.261%
48	16.048	2224	2229	2231	rBV2	372353	536121	4.43%	0.510%
49	16.078	2231	2234	2239	rVB	663086	869850	7.19%	0.827%
50	16.178	2247	2251	2254	rBV	84397	124653	1.03%	0.119%
51	16.613	2316	2325	2329	rBV3	244491	645111	5.33%	0.614%
52	16.731	2340	2345	2353	rVB4	154362	323600	2.67%	0.308%
53	16.813	2353	2359	2364	rVV2	183255	426697	3.53%	0.406%
54	16.866	2364	2368	2372	rVV2	337218	509487	4.21%	0.485%
55	16.925	2375	2378	2384	rVB2	150282	222580	1.84%	0.212%
56	17.078	2398	2404	2409	rBV2	2759606	4526960	37.41%	4.306%
57	17.125	2409	2412	2416	rVB	715783	895767	7.40%	0.852%
58	17.278	2434	2438	2445	rBV5	88008	179855	1.49%	0.171%
59	17.407	2457	2460	2466	rVB3	169334	218707	1.81%	0.208%
60	17.483	2468	2473	2480	rBV2	203590	451016	3.73%	0.429%
61	17.631	2494	2498	2503	rVB	323719	407901	3.37%	0.388%
62	17.978	2551	2557	2563	rBV2	519557	1096253	9.06%	1.043%
63	18.042	2563	2568	2574	rVV2	2412680	3904180	32.27%	3.714%
64	18.107	2574	2579	2585	rVV	7031870	9330131	77.11%	8.875%
65	18.183	2586	2592	2596	rVV	406806	822175	6.79%	0.782%
66	18.225	2596	2599	2607	rVB	342256	559046	4.62%	0.532%
67	18.354	2617	2621	2626	rBV	324027	449967	3.72%	0.428%
68	18.513	2645	2648	2651	rVB	129233	161497	1.33%	0.154%
69	18.778	2690	2693	2698	rVB2	146564	161449	1.33%	0.154%
70	18.954	2718	2723	2728	rVB	332495	554538	4.58%	0.528%
71	19.019	2729	2734	2737	rVV2	441326	677382	5.60%	0.644%
72	19.054	2737	2740	2743	rVB	220038	253375	2.09%	0.241%
73	19.101	2745	2748	2752	rVV2	157673	283648	2.34%	0.270%
74	19.136	2752	2754	2758	rVB	155936	180222	1.49%	0.171%
75	19.225	2764	2769	2772	rBV2	423602	687328	5.68%	0.654%
76	19.383	2792	2796	2800	rBV	525942	673518	5.57%	0.641%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-9

A
B
C
D
E
F
G
H
I
J
K

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-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.601	2830	2833	2835	rBV	182139	226832	1.87%	0.216%
78	19.630	2835	2838	2843	rVB2	423147	501383	4.14%	0.477%
79	19.830	2866	2872	2883	rVB	8628513	12100340	100.00%	11.511%
80	20.195	2930	2934	2938	rBV2	484789	621291	5.13%	0.591%
81	20.666	3011	3014	3018	rBV	170913	249312	2.06%	0.237%
82	20.713	3019	3022	3026	rVV	460978	579500	4.79%	0.551%
83	21.077	3081	3084	3091	rVB4	371412	552355	4.56%	0.525%
84	21.242	3106	3112	3124	rVB4	1042828	2591696	21.42%	2.465%
85	21.442	3141	3146	3150	rBV	773958	1098552	9.08%	1.045%
86	21.542	3156	3163	3168	rBV2	2824617	5004385	41.36%	4.760%
87	21.819	3206	3210	3217	rVB	369482	647178	5.35%	0.616%
88	22.466	3316	3320	3330	rVB2	602249	1419947	11.73%	1.351%
89	24.060	3588	3591	3599	rVB	286349	524546	4.33%	0.499%
90	24.836	3715	3723	3736	rVB	1506306	4426134	36.58%	4.210%

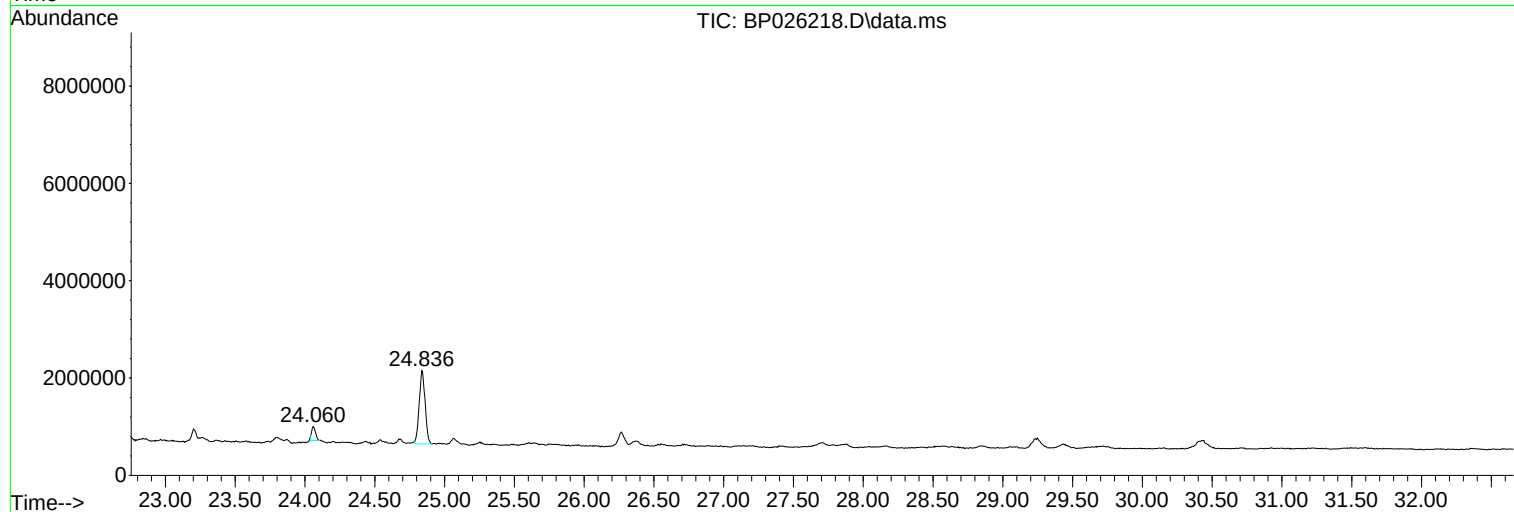
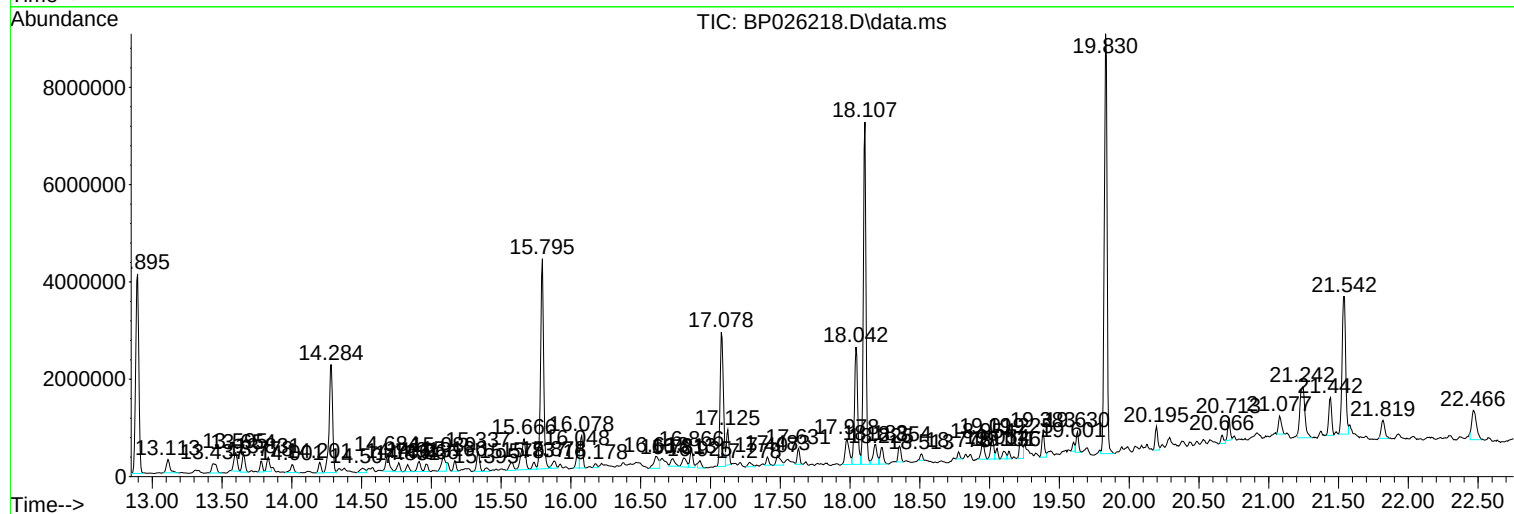
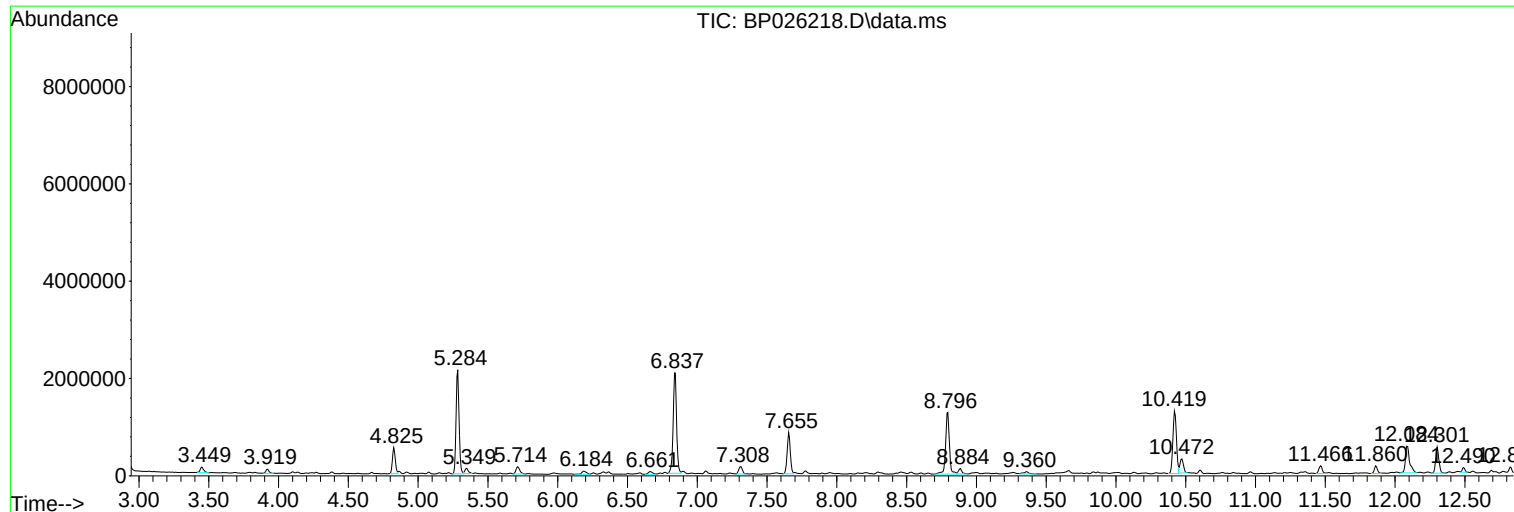
Sum of corrected areas: 105123874

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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\BP120225\
Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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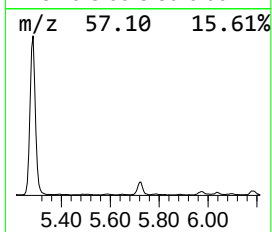
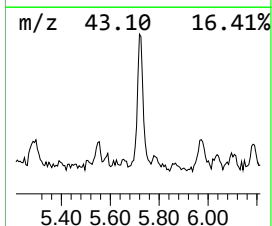
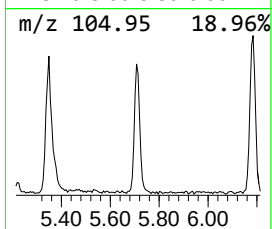
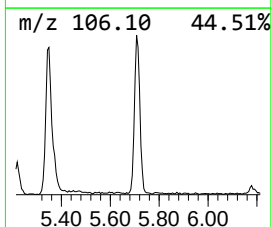
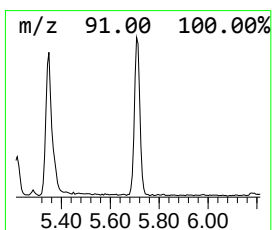
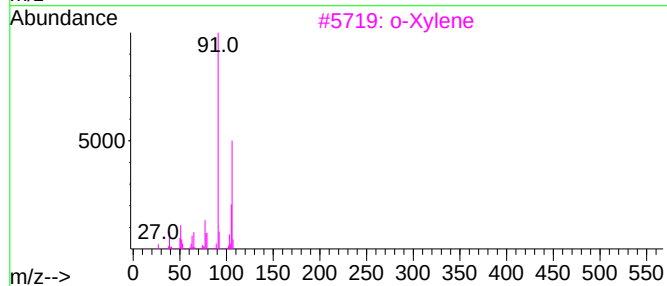
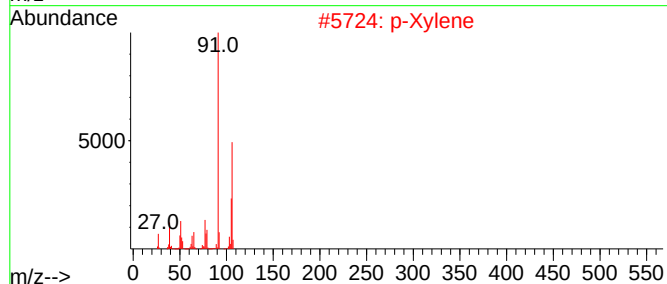
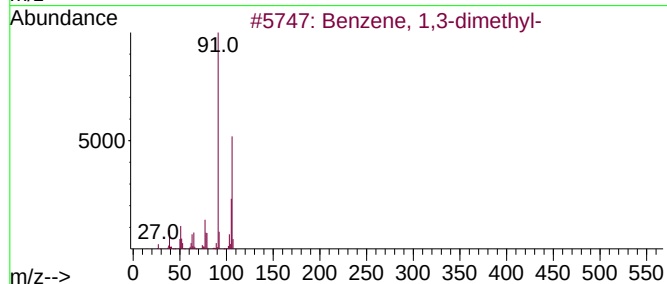
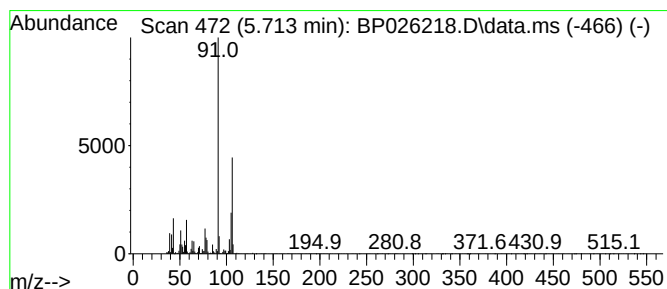
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.713	4.42 ng	293045	1,4-Dichlorobenzene-d4	7.655

Hit#	of	4	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2			p-Xylene	106	C8H10	000106-42-3	95
3			o-Xylene	106	C8H10	000095-47-6	95
4			Ethylbenzene	106	C8H10	000100-41-4	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
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Instrument :
BNA_P
ClientSampleId :
SB-1125-9

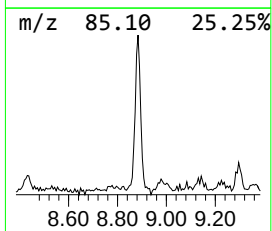
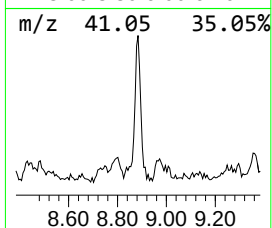
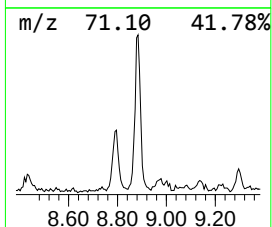
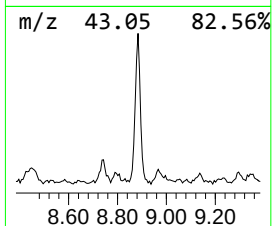
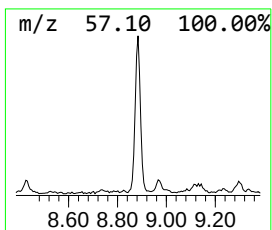
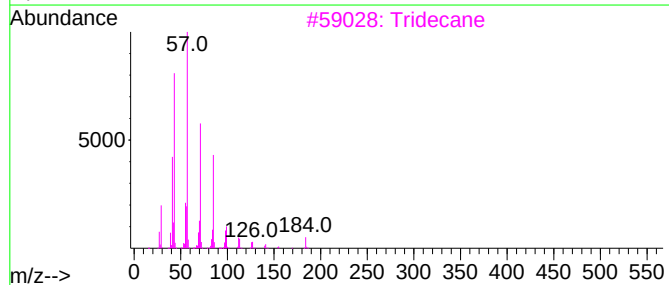
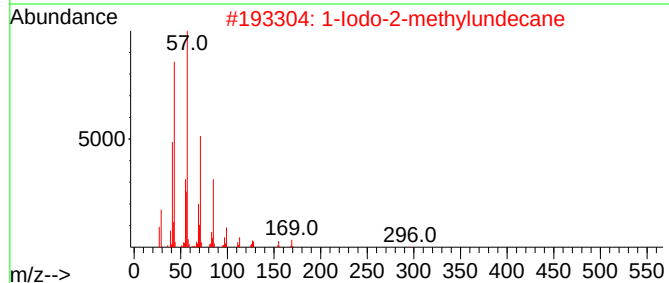
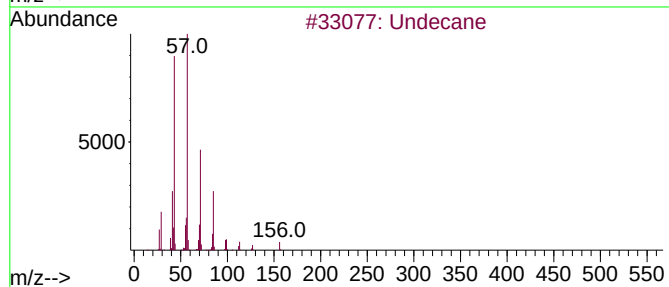
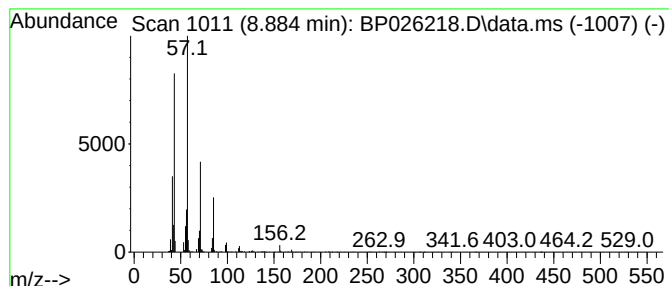
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.884	2.74 ng	181599	1,4-Dichlorobenzene-d4	7.655

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	93
2			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
3			Tridecane	184	C13H28	000629-50-5	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

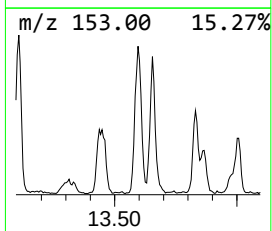
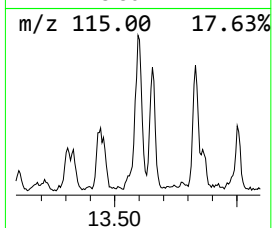
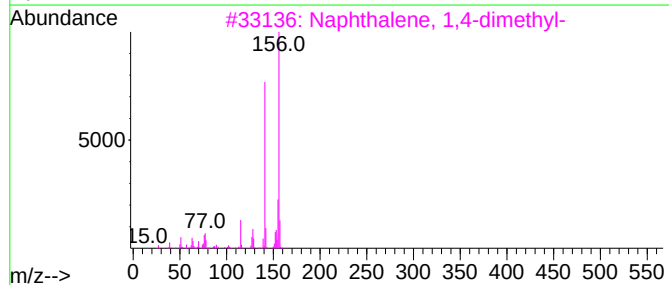
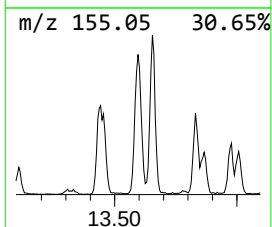
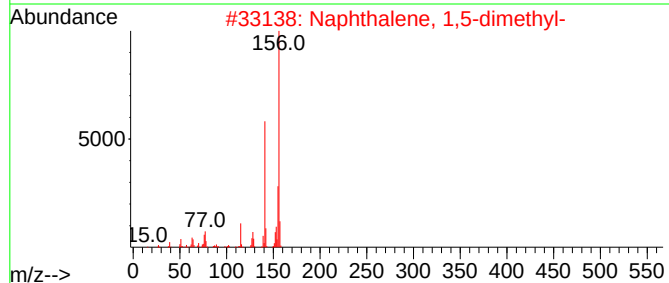
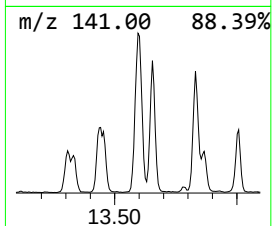
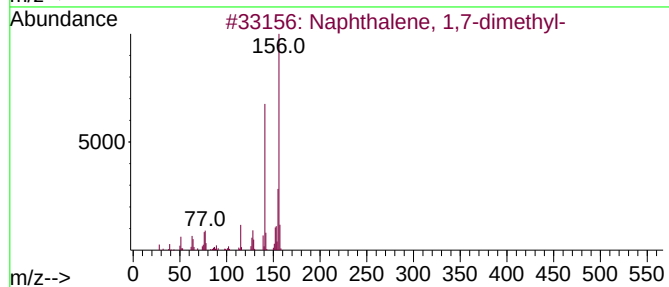
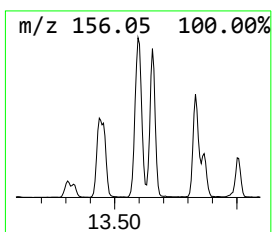
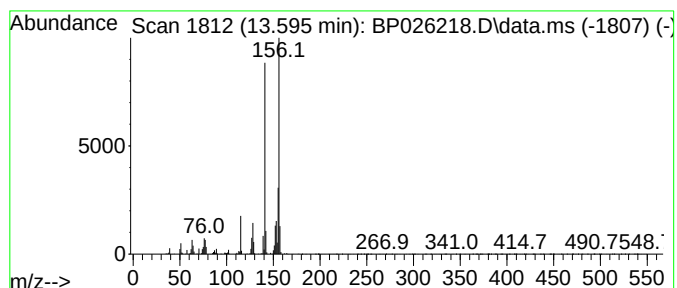
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.595	3.48 ng	658842	Acenaphthene-d10		14.284	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-		156	C12H12	000575-37-1	97
2	Naphthalene, 1,5-dimethyl-		156	C12H12	000571-61-9	97
3	Naphthalene, 1,4-dimethyl-		156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-		156	C12H12	000575-41-7	97
5	Naphthalene, 2,3-dimethyl-		156	C12H12	000581-40-8	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-9

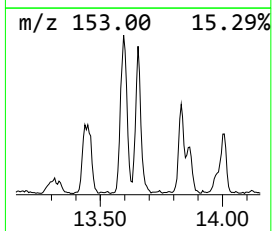
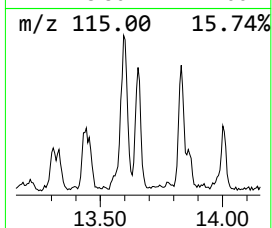
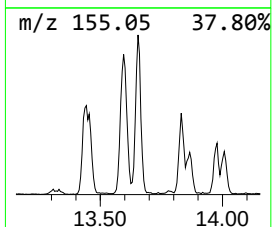
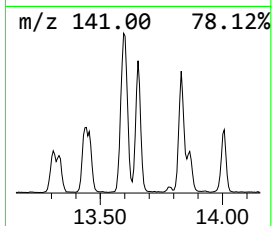
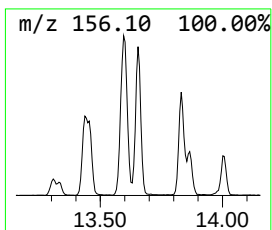
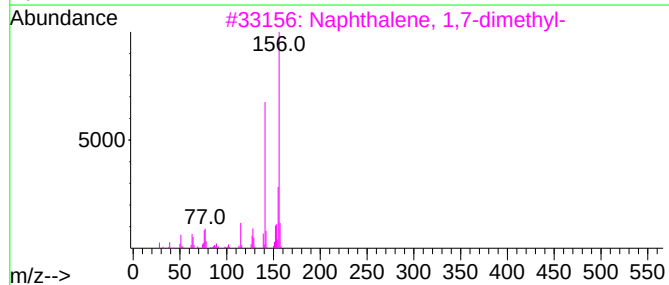
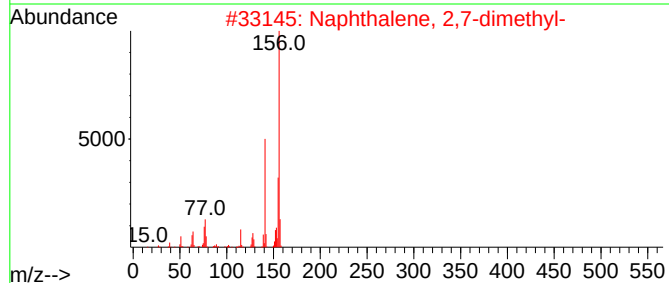
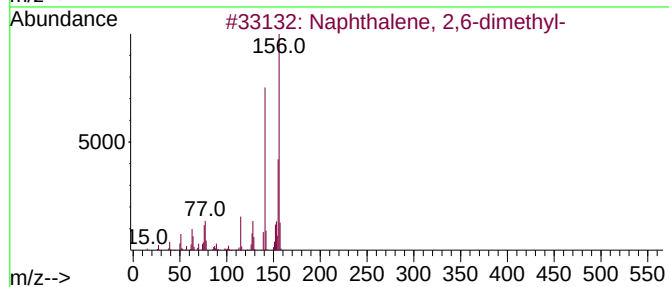
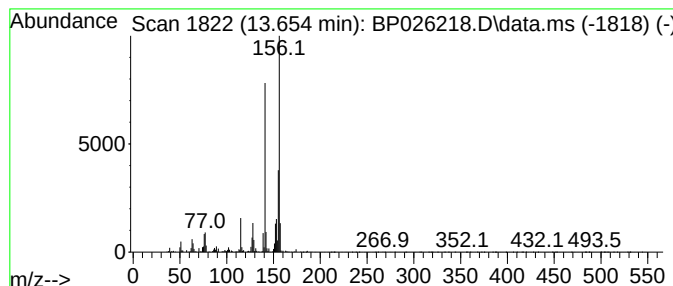
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.654	2.89 ng	547846	Acenaphthene-d10	14.284

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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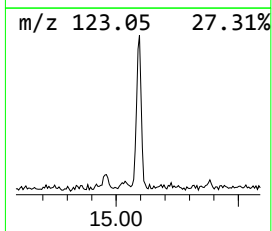
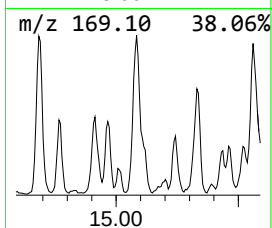
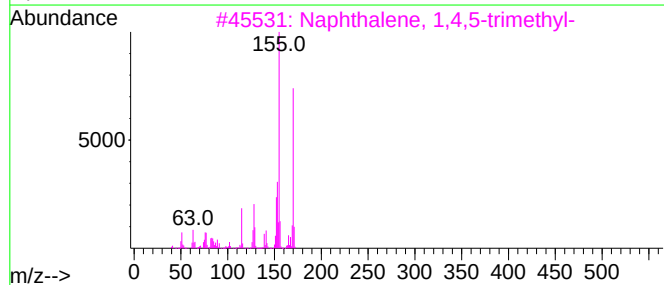
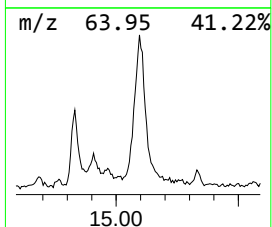
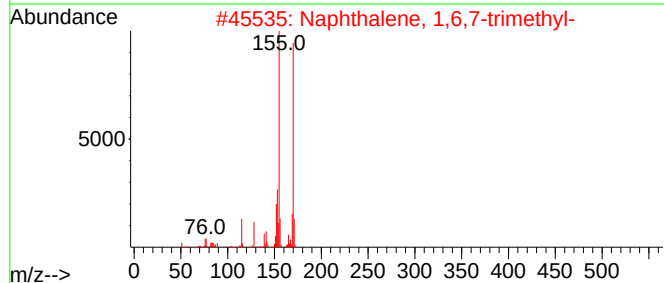
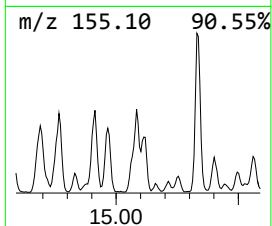
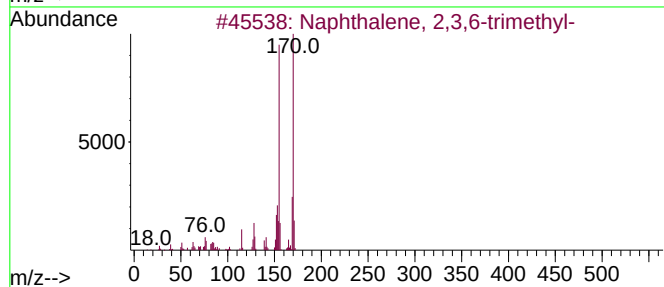
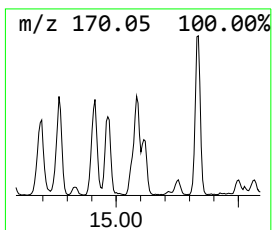
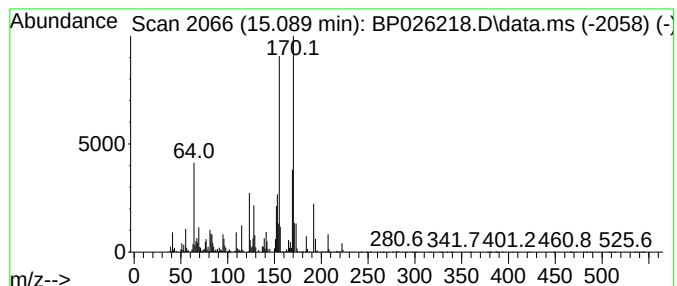
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.089	3.33 ng	631071	Acenaphthene-d10	14.284

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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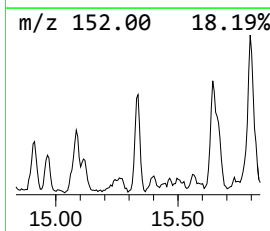
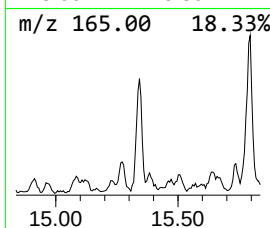
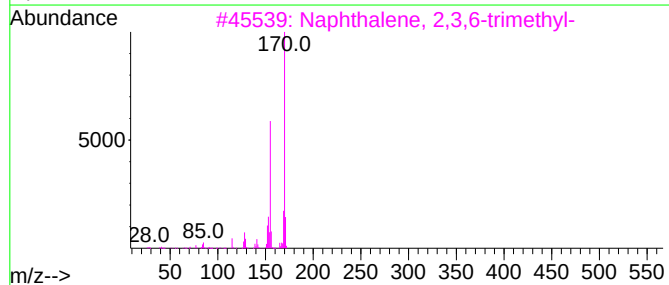
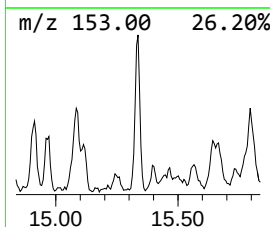
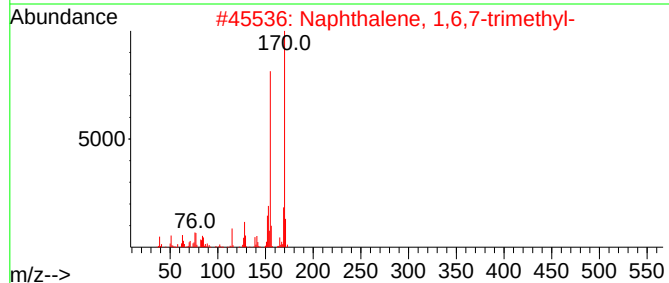
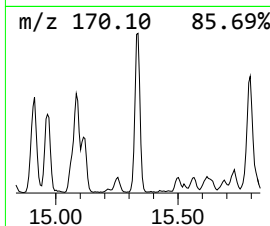
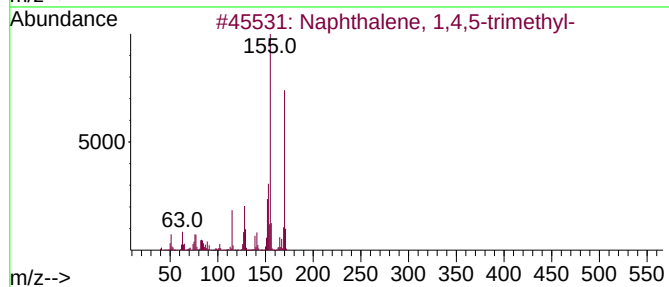
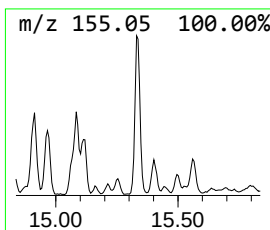
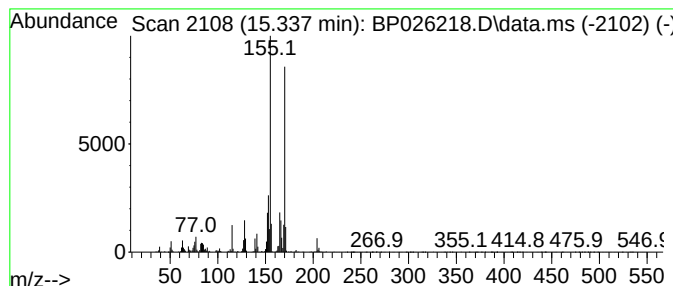
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,4,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.336	3.18 ng	602786	Acenaphthene-d10	14.284

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026218.D
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Operator : RC/JU
Sample : Q3742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

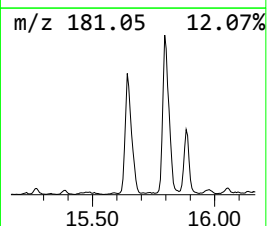
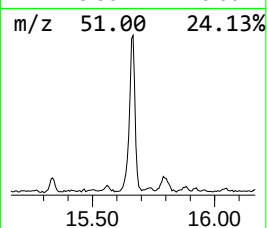
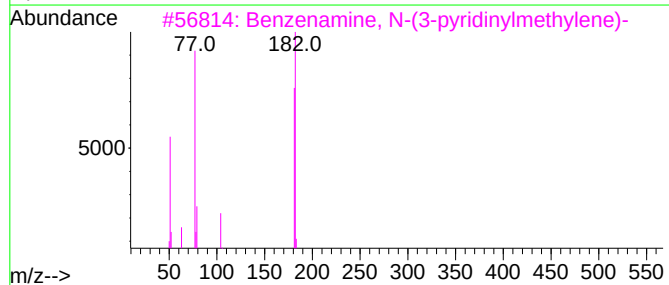
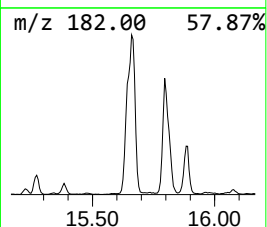
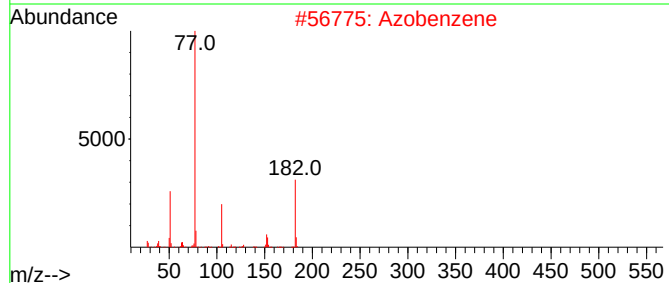
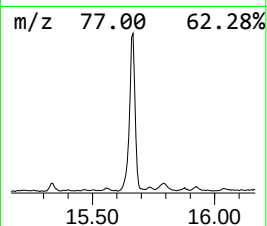
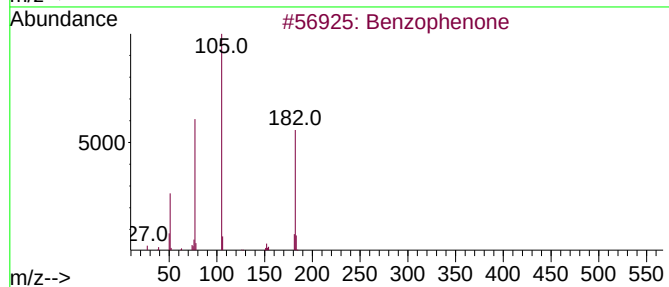
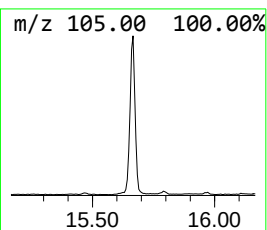
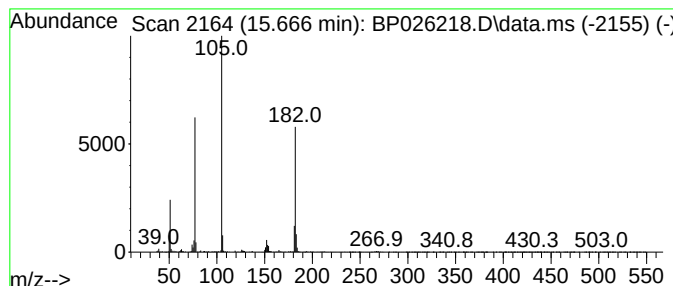
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.666	7.22 ng	1367150	Acenaphthene-d10	14.284	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	42
3	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	30
5	3-Mercaptobenzoic acid, S-methyl...	182	C9H10O2S	090721-40-7	27



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Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-1125-9

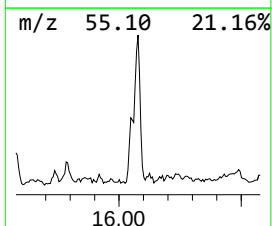
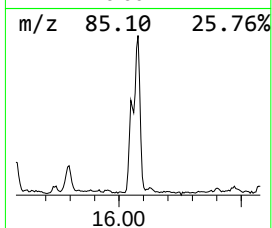
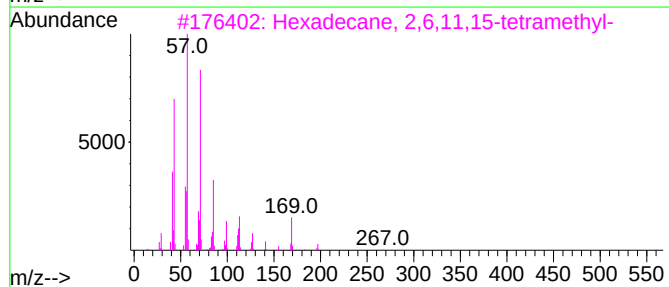
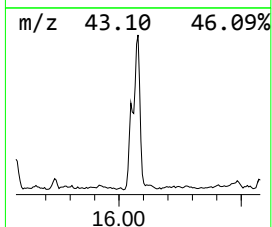
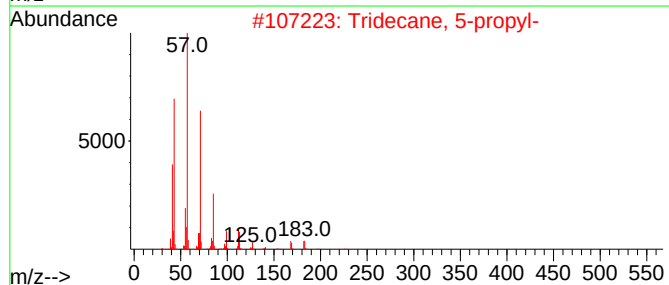
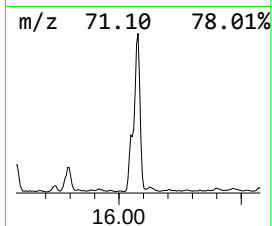
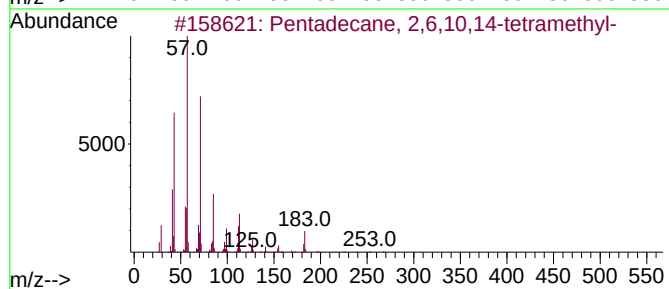
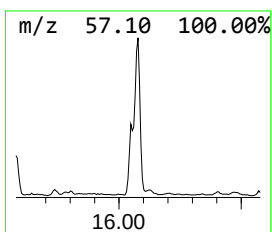
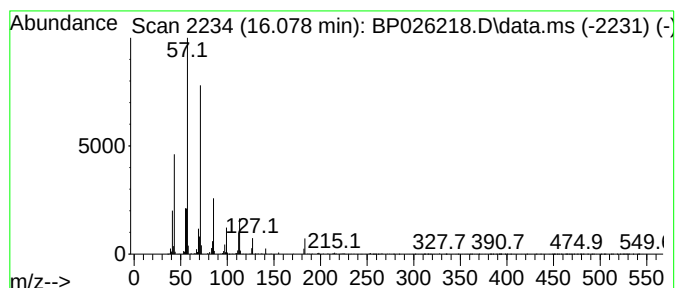
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 2,6,10,14-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.078	3.84 ng	869850	Phenanthrene-d10	17.078

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-9

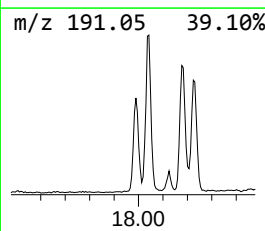
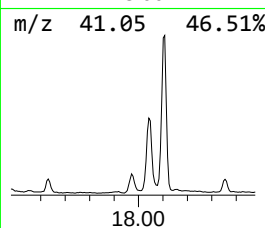
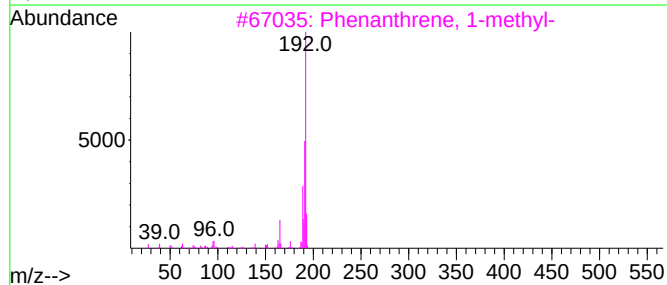
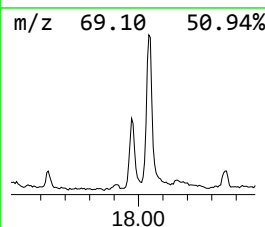
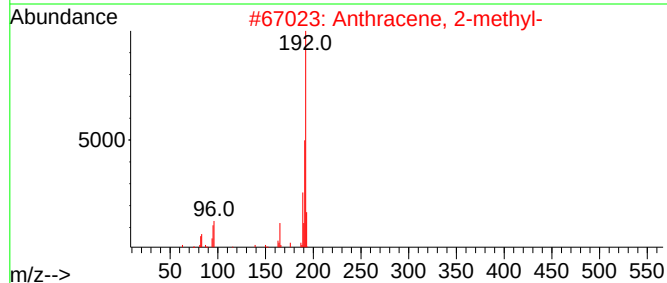
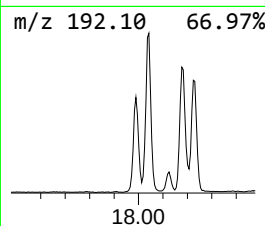
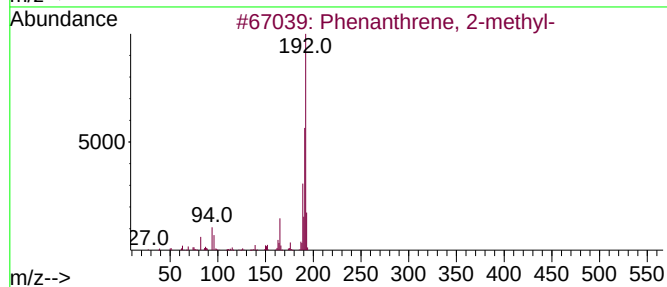
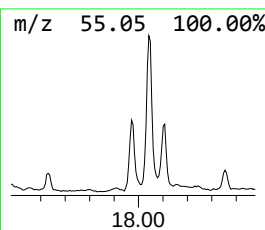
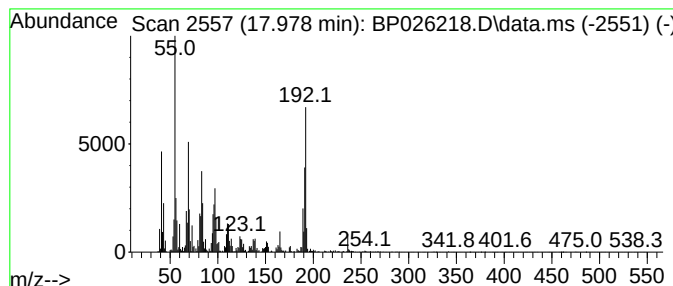
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.978	4.84 ng	1096250	Phenanthrene-d10	17.078

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	92
5			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

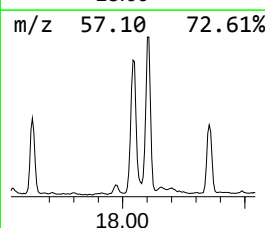
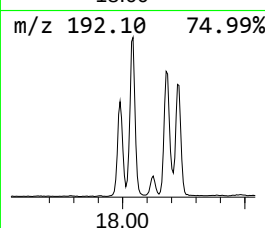
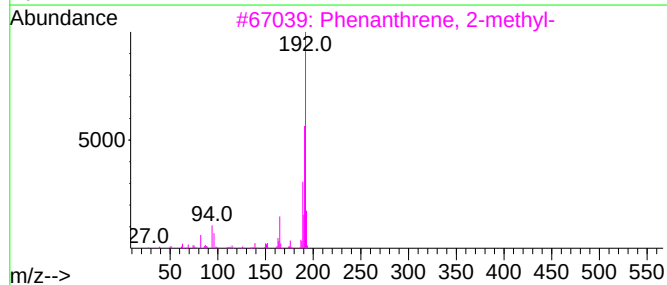
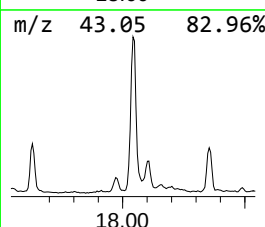
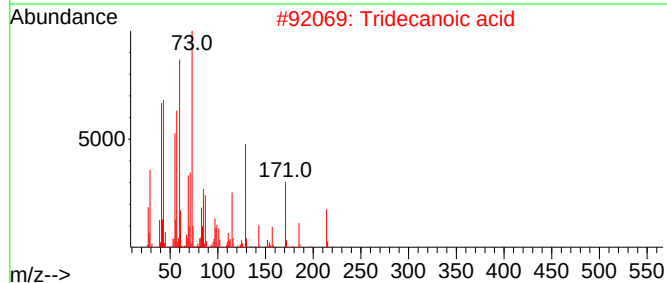
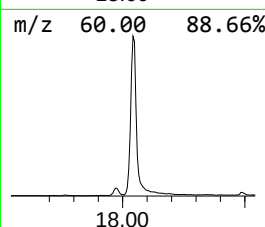
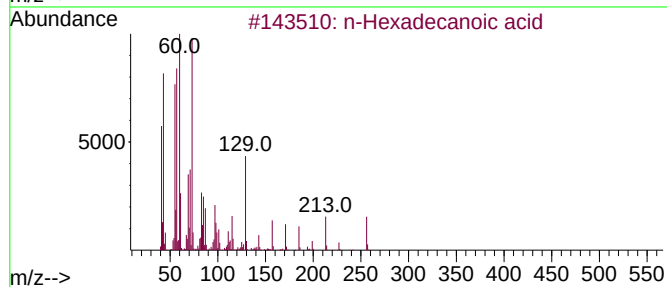
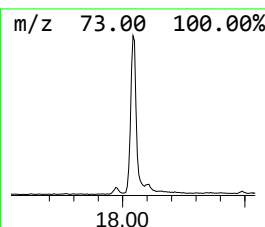
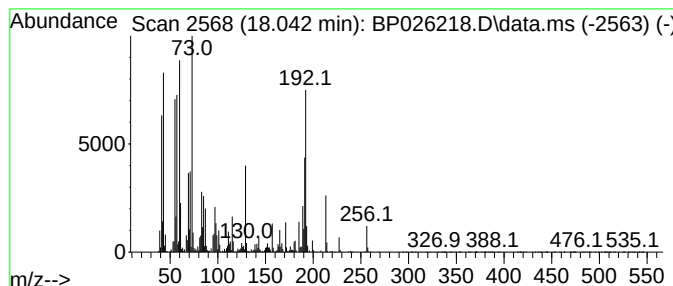
Instrument :
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ClientSampleId :
SB-1125-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.042	17.25 ng	3904180	Phenanthrene-d10		17.078	
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	95
3	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	91
4	Anthracene, 2-methyl-		192	C15H12	000613-12-7	86
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

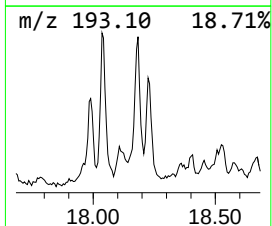
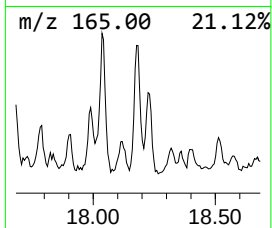
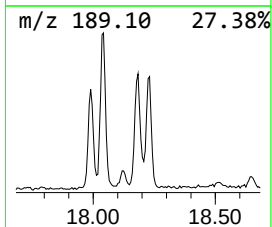
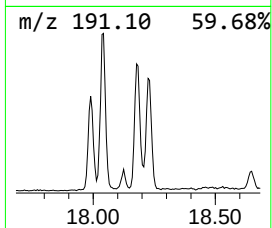
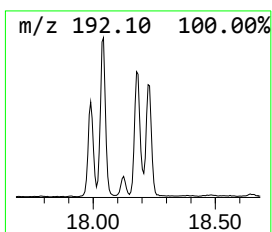
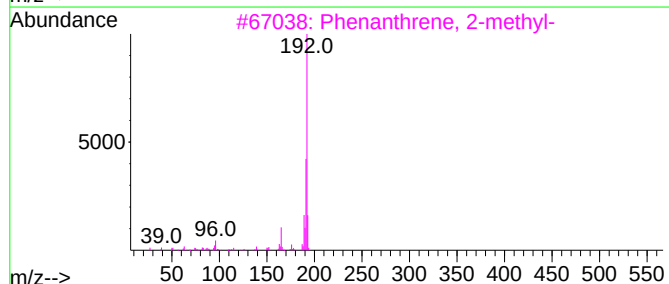
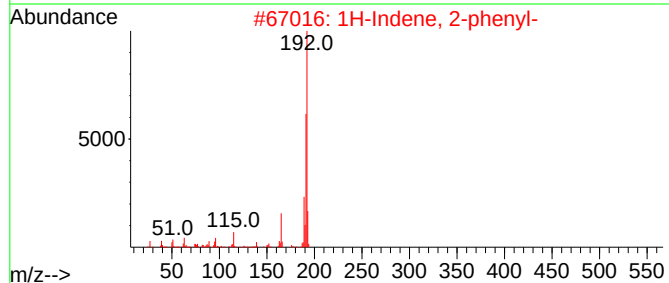
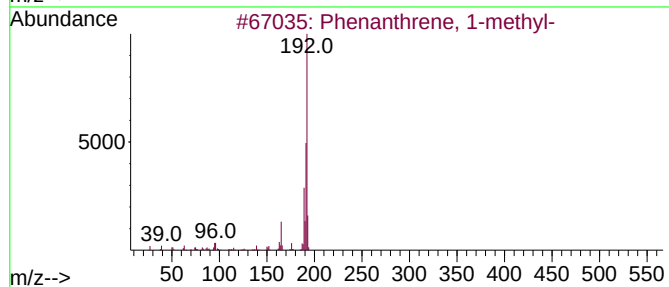
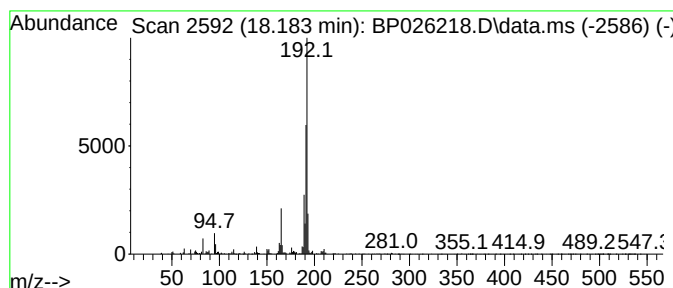
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.183	3.63 ng	822175	Phenanthrene-d10	17.078	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Napththo[1,2-b]norbornadiene	192	C15H12	1000210-14-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

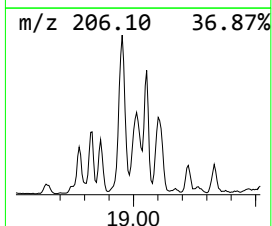
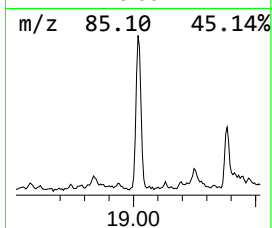
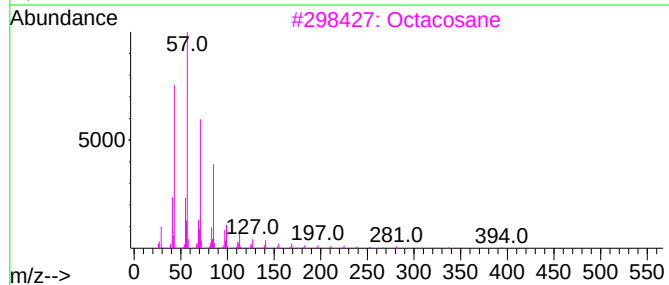
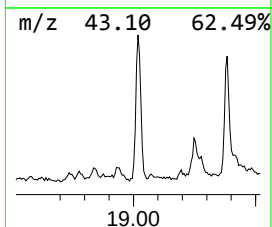
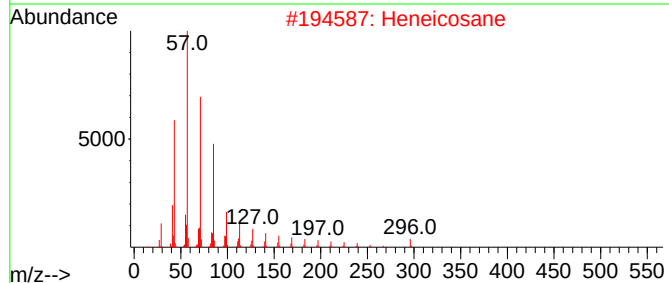
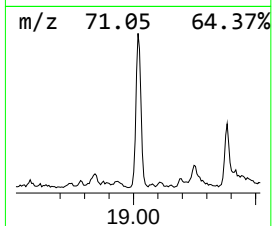
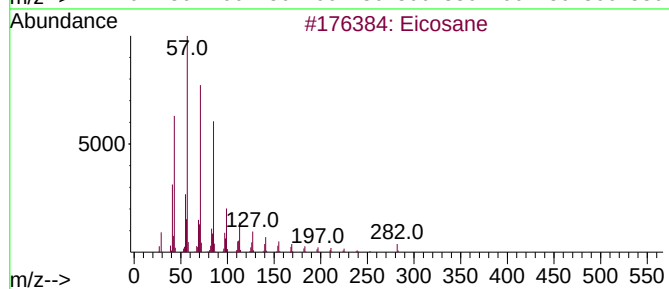
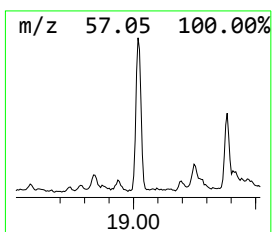
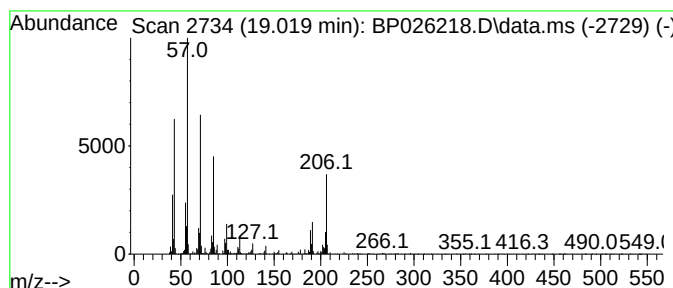
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.019	2.99 ng	677382	Phenanthrene-d10		17.078	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	96
2	Heneicosane		296	C21H44	000629-94-7	91
3	Octacosane		394	C28H58	000630-02-4	64
4	Octadecane, 2-methyl-		268	C19H40	001560-88-9	58
5	Octadecane		254	C18H38	000593-45-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
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Instrument :
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ClientSampleId :
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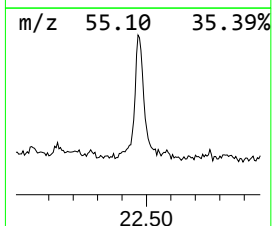
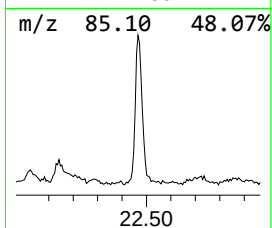
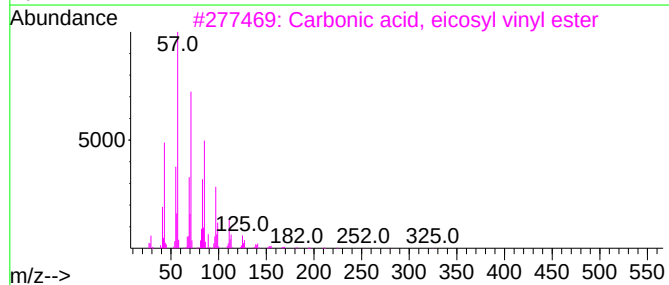
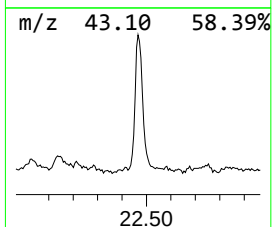
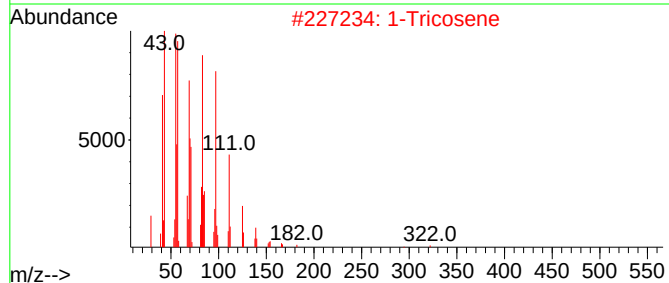
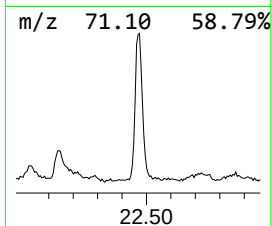
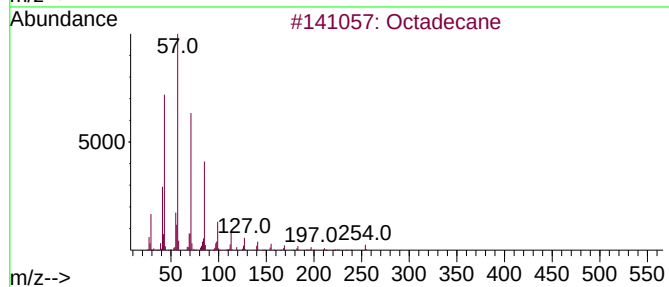
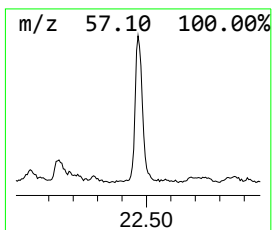
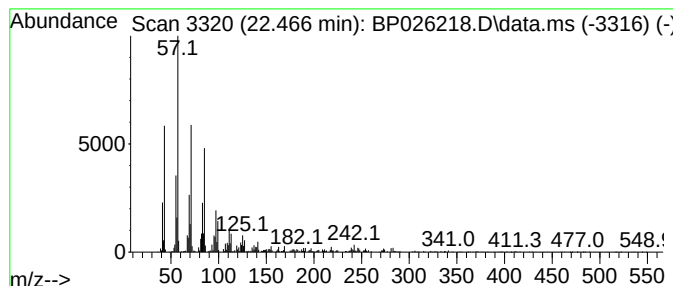
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.466	5.67 ng	1419950	Chrysene-d12	21.542

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	93
2		1-Tricosene	322	C23H46	018835-32-0	93
3		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
5		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-di...	5.713	4.4	ng	293045	1	7.655	1327300	20.0
Undecane	8.884	2.7	ng	181599	1	7.655	1327300	20.0
Naphthalene, 1,...	13.595	3.5	ng	658842	3	14.284	3785620	20.0
Naphthalene, 2,...	13.654	2.9	ng	547846	3	14.284	3785620	20.0
Naphthalene, 2,...	15.089	3.3	ng	631071	3	14.284	3785620	20.0
Naphthalene, 1,...	15.336	3.2	ng	602786	3	14.284	3785620	20.0
Benzophenone	15.666	7.2	ng	1367150	3	14.284	3785620	20.0
Pentadecane, 2,...	16.078	3.8	ng	869850	4	17.078	4526960	20.0
Phenanthrene, 2...	17.978	4.8	ng	1096250	4	17.078	4526960	20.0
n-Hexadecanoic ...	18.042	17.3	ng	3904180	4	17.078	4526960	20.0
Phenanthrene, 1...	18.183	3.6	ng	822175	4	17.078	4526960	20.0
Eicosane	19.019	3.0	ng	677382	4	17.078	4526960	20.0
Octadecane	22.466	5.7	ng	1419950	5	21.542	5004390	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026220.D
 Acq On : 02 Dec 2025 23:24
 Operator : RC/JU
 Sample : Q3742-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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A
B
C
D
E
F
G
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I
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K

Quant Time: Dec 03 00:25:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

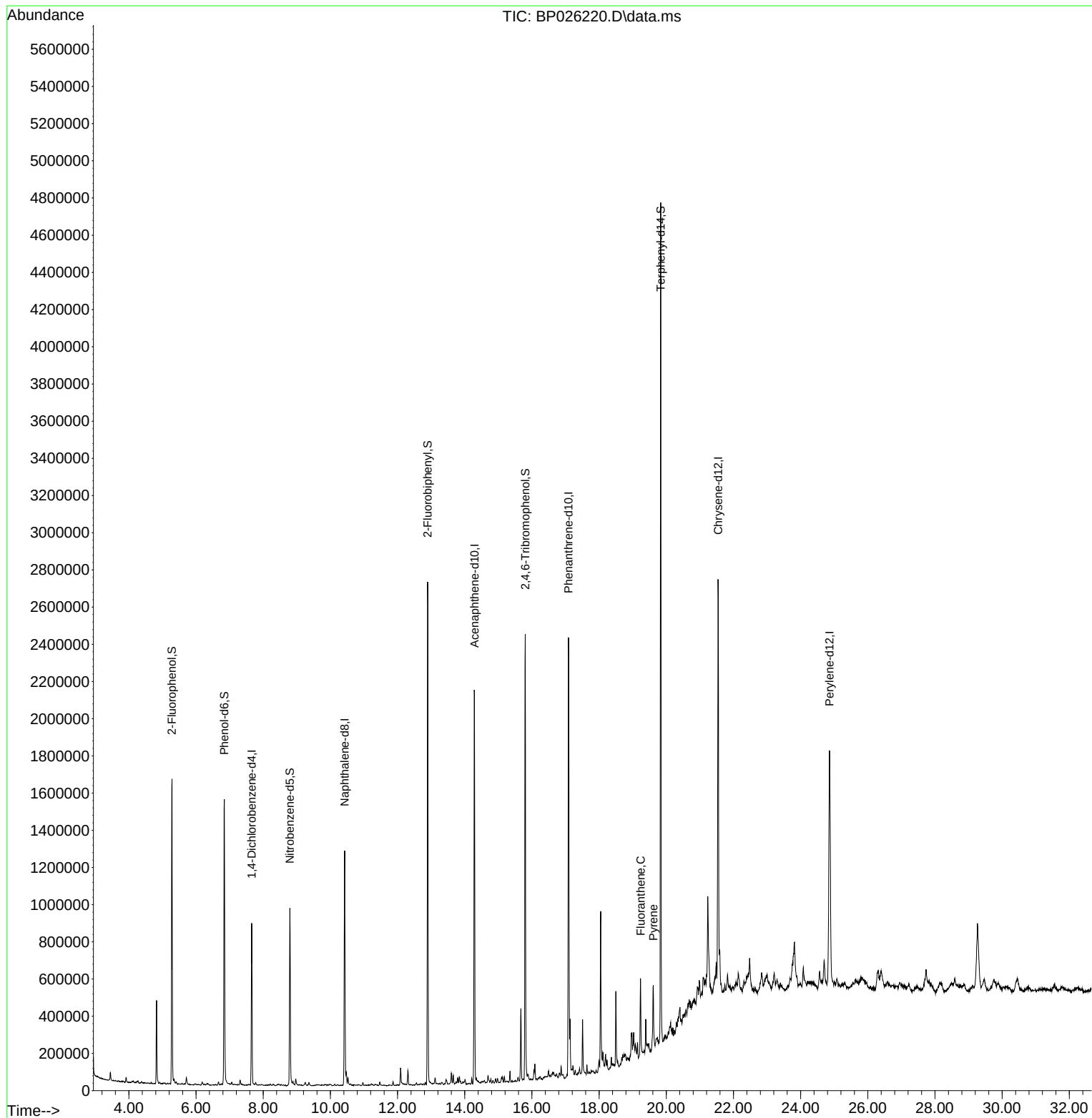
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.654	152	255687	20.000	ng	-0.02
21) Naphthalene-d8	10.425	136	1076983	20.000	ng	-0.02
39) Acenaphthene-d10	14.289	164	769033	20.000	ng	-0.04
64) Phenanthrene-d10	17.089	188	1646385	20.000	ng	-0.04
76) Chrysene-d12	21.542	240	1416708	20.000	ng	-0.03
86) Perylene-d12	24.859	264	1595597	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	764669	48.002	ng	0.00
7) Phenol-d6	6.843	99	961175	47.396	ng	-0.01
23) Nitrobenzene-d5	8.796	82	566209	29.863	ng	-0.02
42) 2,4,6-Tribromophenol	15.801	330	473512	47.464	ng	-0.04
45) 2-Fluorobiphenyl	12.895	172	1455232	27.733	ng	-0.04
79) Terphenyl-d14	19.836	244	2410946	34.700	ng	-0.04
Target Compounds						
						Qvalue
75) Fluoranthene	19.236	202	292320	2.594	ng	98
78) Pyrene	19.613	202	258268	2.780	ng	99

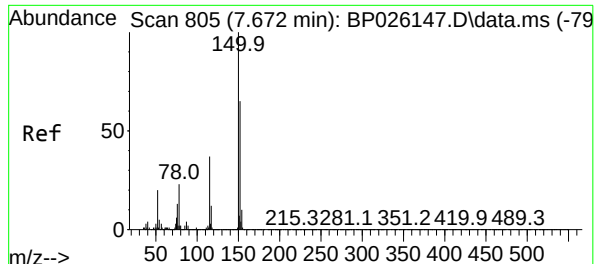
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026220.D
Acq On : 02 Dec 2025 23:24
Operator : RC/JU
Sample : Q3742-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-21

Quant Time: Dec 03 00:25:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

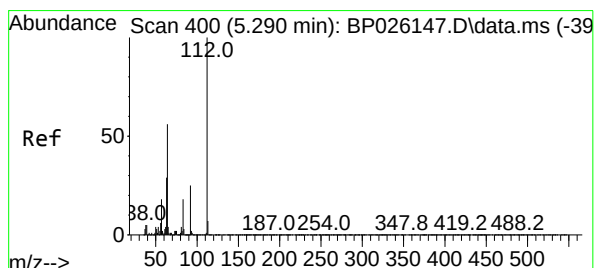
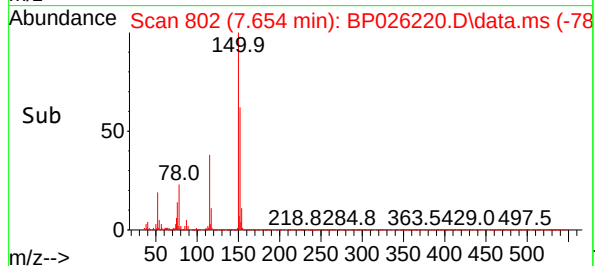
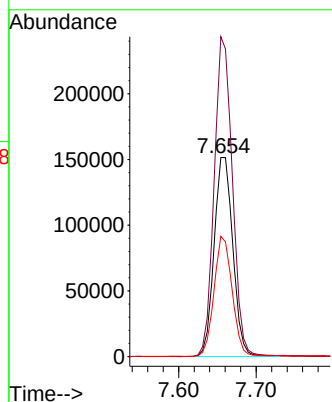
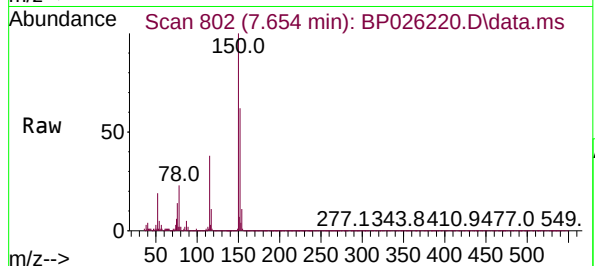




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.654 min Scan# 805
Delta R.T. -0.018 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

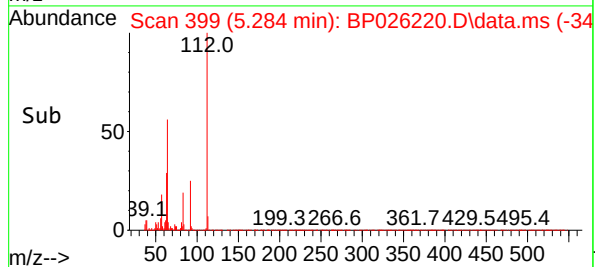
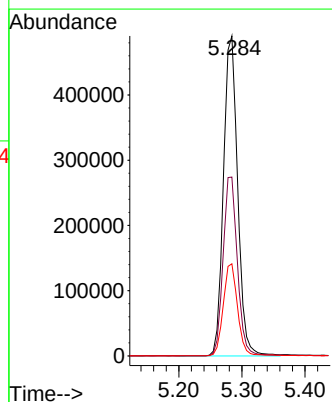
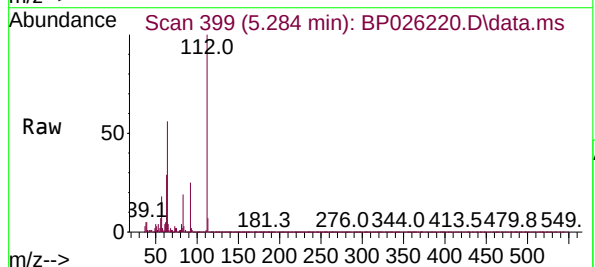
Instrument :
BNA_P
ClientSampleId :
SB-1125-21

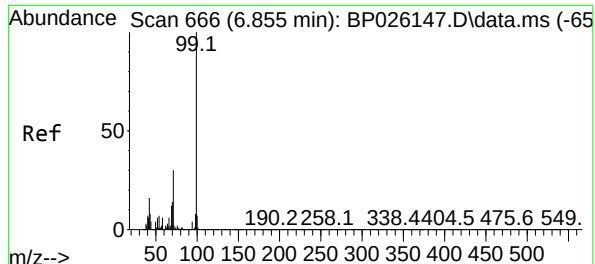
Tgt Ion:152 Resp: 255687
Ion Ratio Lower Upper
152 100
150 160.7 123.0 184.6
115 60.4 46.3 69.5



#5
2-Fluorophenol
Concen: 48.002 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

Tgt Ion:112 Resp: 764669
Ion Ratio Lower Upper
112 100
64 55.9 45.8 68.6
63 28.8 23.5 35.3

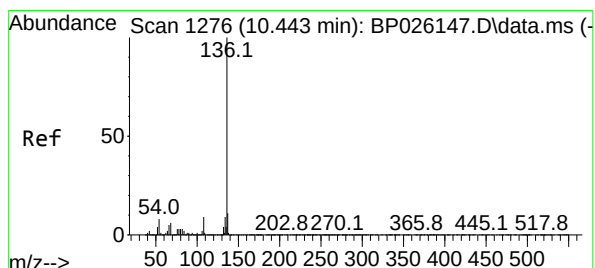
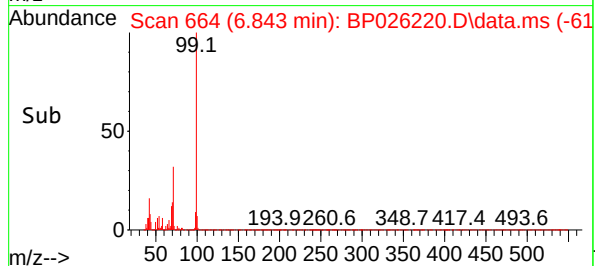
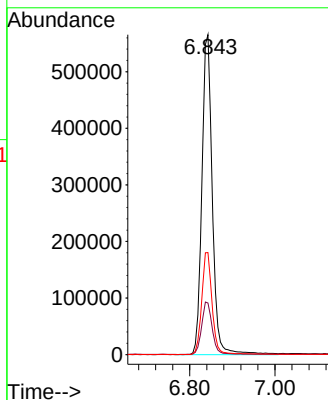
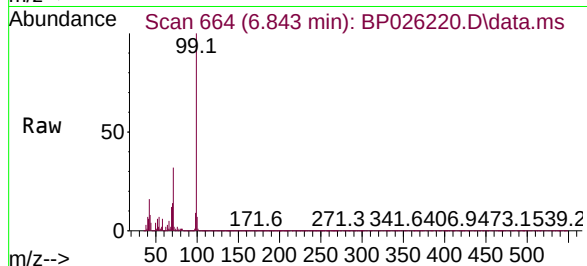




#7
Phenol-d6
Concen: 47.396 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

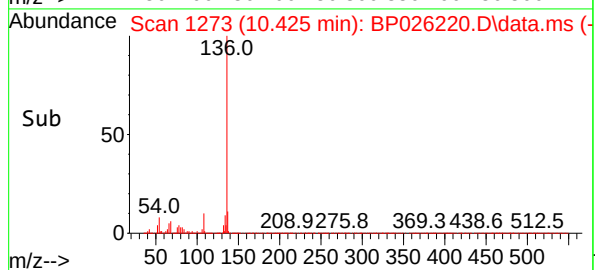
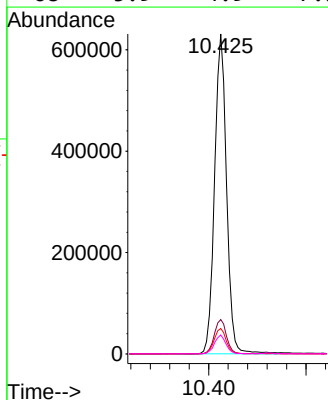
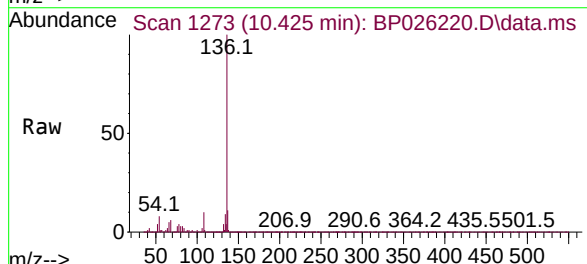
Instrument :
BNA_P
ClientSampleId :
SB-1125-21

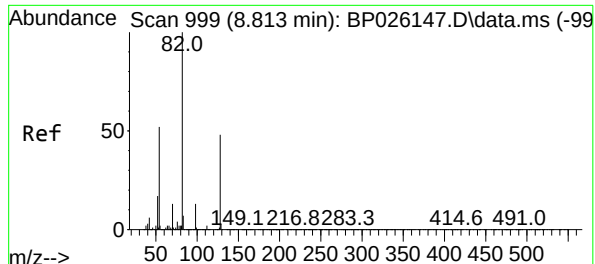
Tgt Ion: 99 Resp: 961175
Ion Ratio Lower Upper
99 100
42 16.1 12.9 19.3
71 31.9 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.024 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

Tgt Ion: 136 Resp: 1076983
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.9 6.4 9.6
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 29.863 ng

RT: 8.796 min Scan# 999

Delta R.T. -0.018 min

Lab File: BP026220.D

Acq: 02 Dec 2025 23:24

Instrument :

BNA_P

ClientSampleId :

SB-1125-21

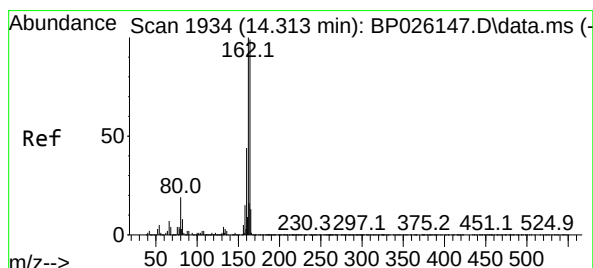
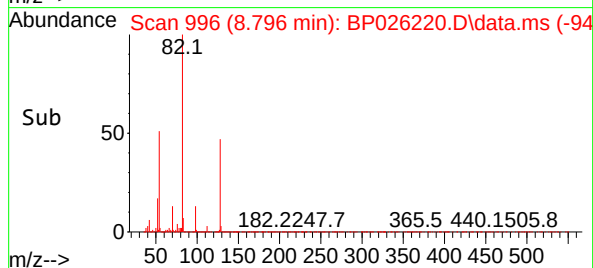
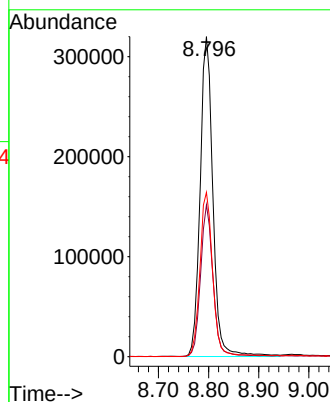
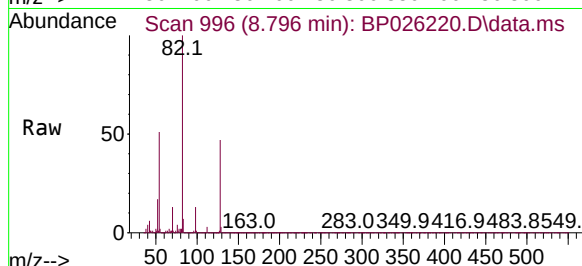
Tgt Ion: 82 Resp: 566209

Ion Ratio Lower Upper

82 100

128 47.4 37.4 56.0

54 51.3 41.6 62.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.289 min Scan# 1930

Delta R.T. -0.035 min

Lab File: BP026220.D

Acq: 02 Dec 2025 23:24

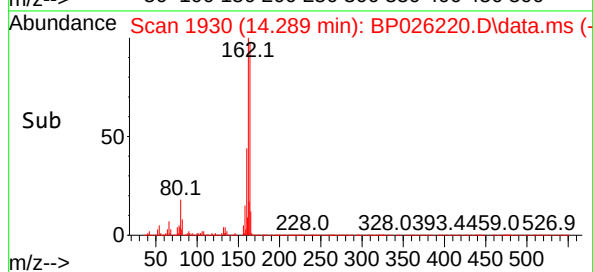
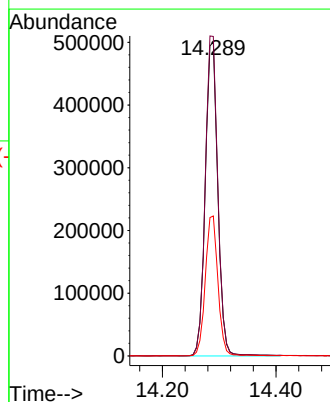
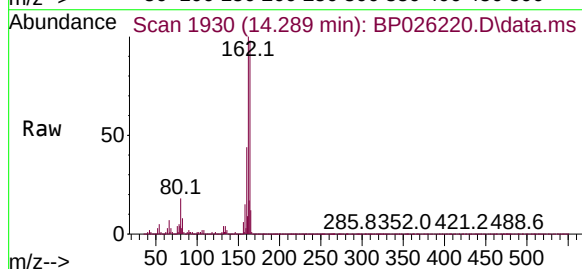
Tgt Ion:164 Resp: 769033

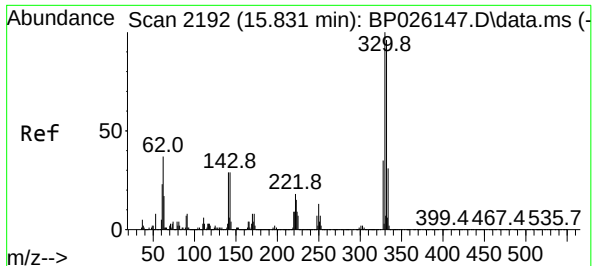
Ion Ratio Lower Upper

164 100

162 101.8 80.3 120.5

160 44.6 35.2 52.8

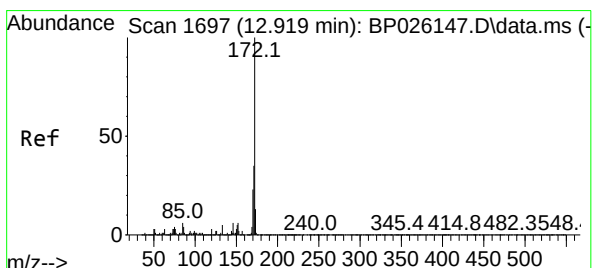
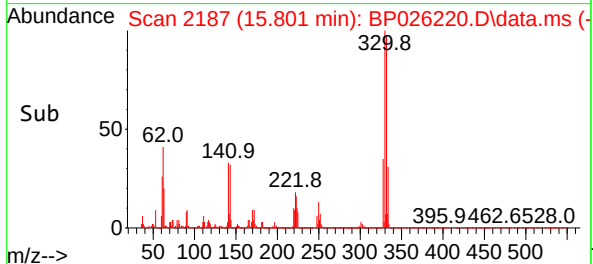
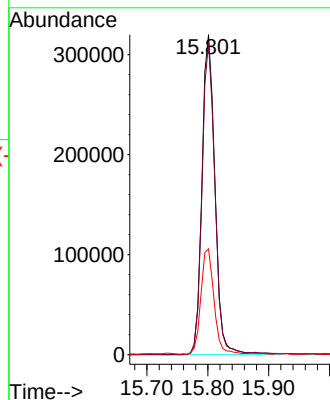
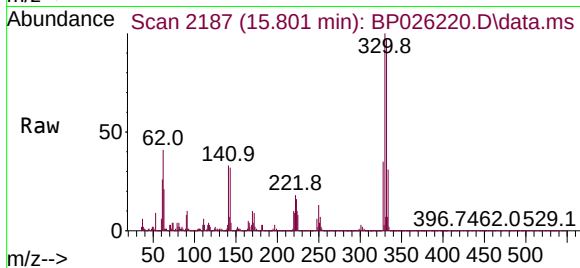




#42
2,4,6-Tribromophenol
Concen: 47.464 ng
RT: 15.801 min Scan# 21
Delta R.T. -0.035 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

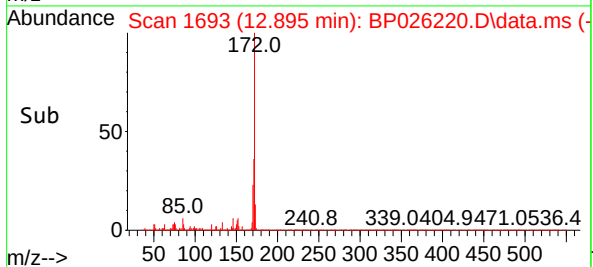
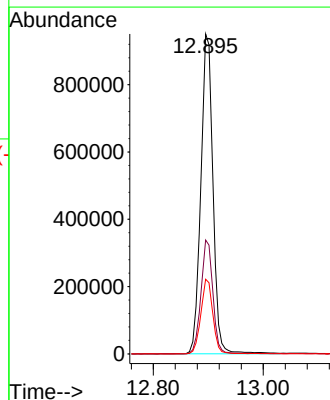
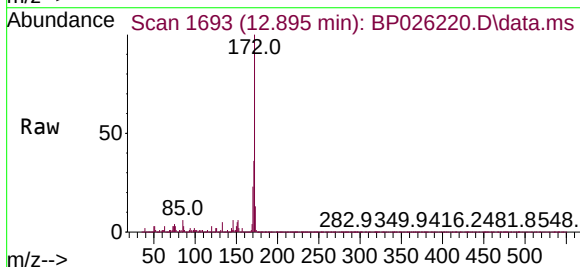
Instrument :
BNA_P
ClientSampleId :
SB-1125-21

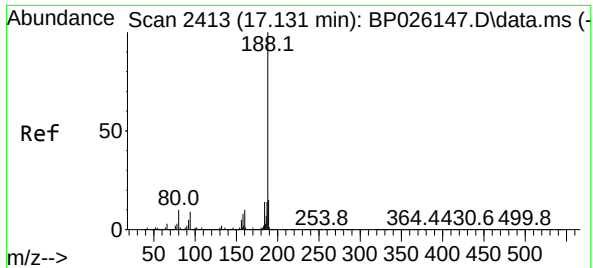
Tgt Ion: 330 Resp: 473512
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 33.1 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 27.733 ng
RT: 12.895 min Scan# 1693
Delta R.T. -0.035 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

Tgt Ion: 172 Resp: 1455232
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.3 18.7 28.1

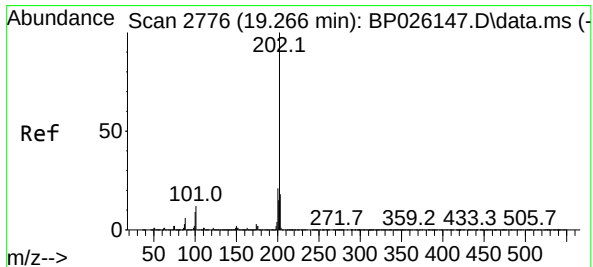
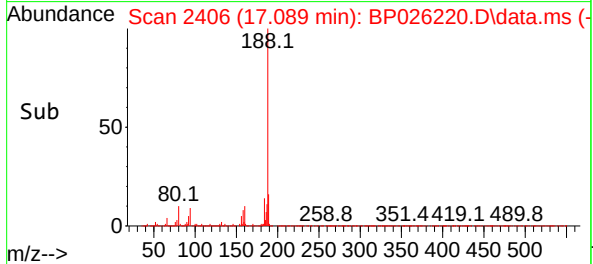
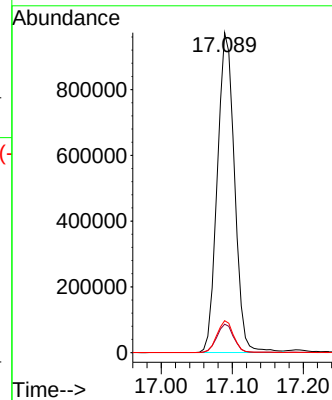
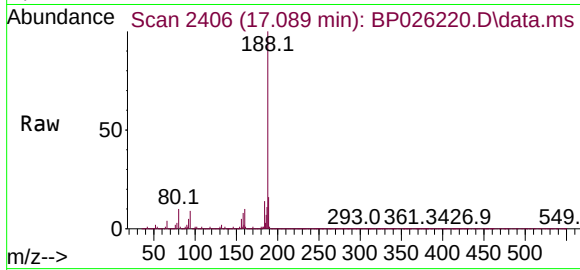




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.089 min Scan# 2413
Delta R.T. -0.041 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

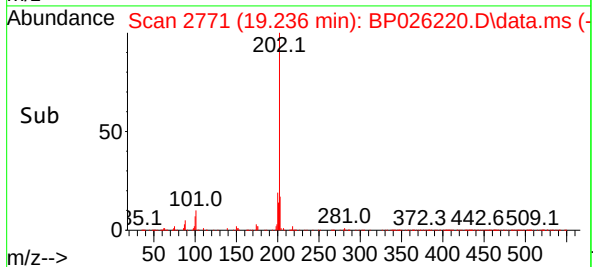
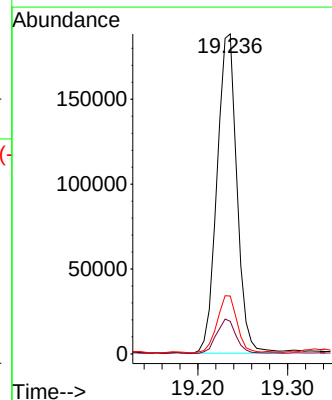
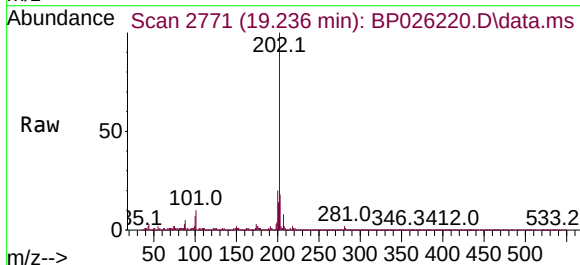
Instrument :
BNA_P
ClientSampleId :
SB-1125-21

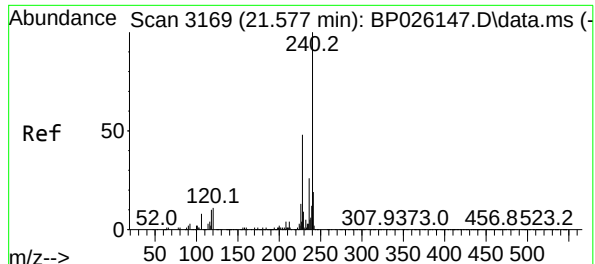
Tgt Ion:188 Resp: 1646385
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.6
80 10.0 8.2 12.2



#75
Fluoranthene
Concen: 2.594 ng
RT: 19.236 min Scan# 2771
Delta R.T. -0.029 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

Tgt Ion:202 Resp: 292320
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.2
203 18.1 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.542 min Scan# 3163

Delta R.T. -0.029 min

Lab File: BP026220.D

Acq: 02 Dec 2025 23:24

Instrument :

BNA_P

ClientSampleId :

SB-1125-21

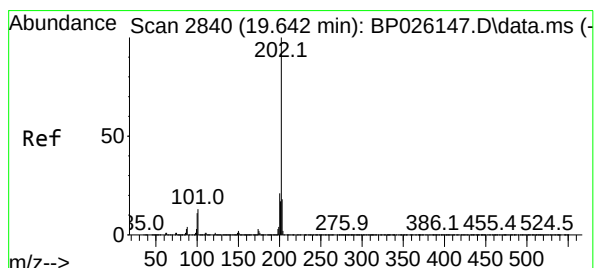
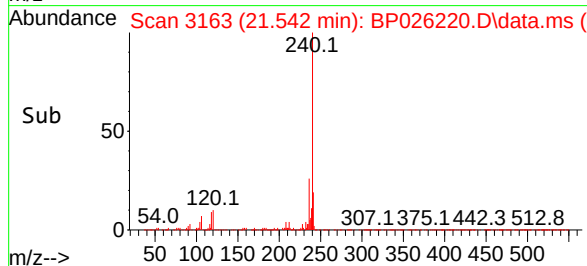
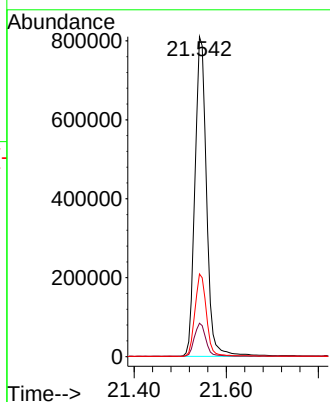
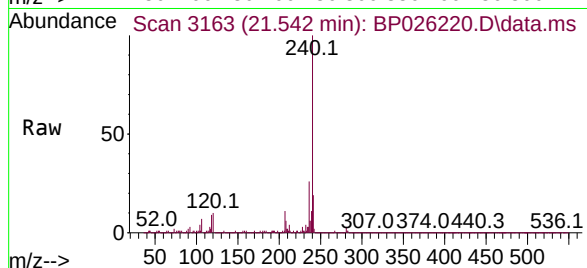
Tgt Ion:240 Resp: 1416708

Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.4

236 25.8 20.4 30.6



#78

Pyrene

Concen: 2.780 ng

RT: 19.613 min Scan# 2835

Delta R.T. -0.029 min

Lab File: BP026220.D

Acq: 02 Dec 2025 23:24

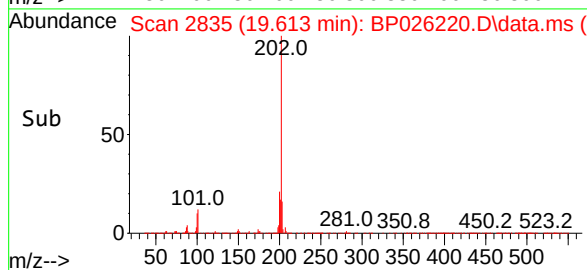
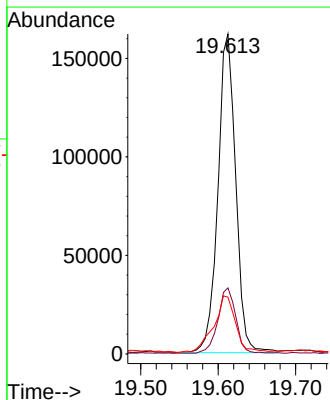
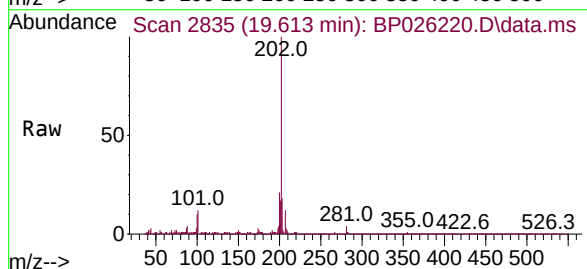
Tgt Ion:202 Resp: 258268

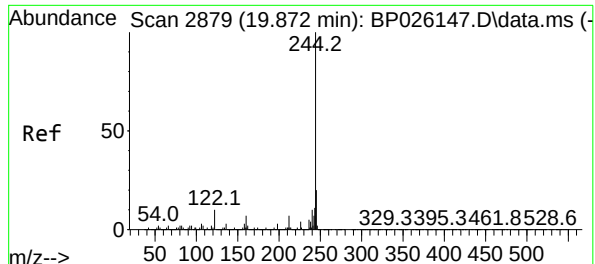
Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

203 17.7 13.8 20.8

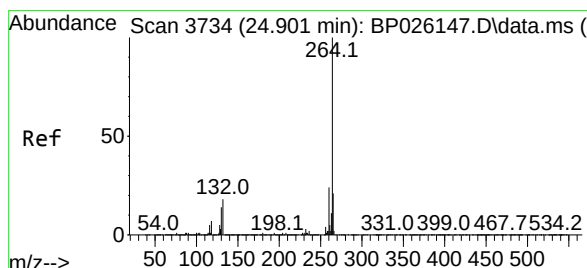
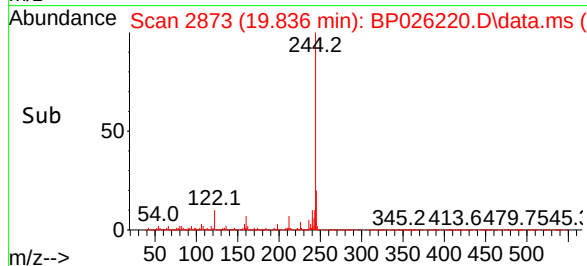
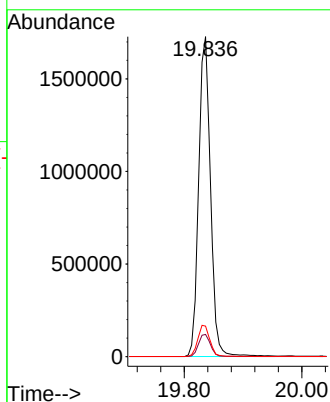
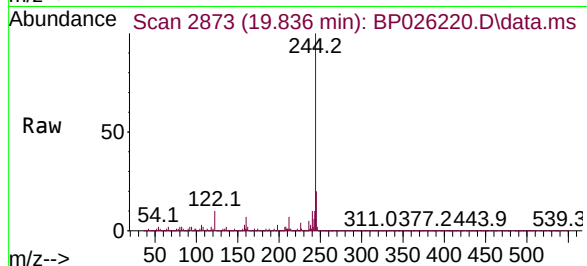




#79
 Terphenyl-d14
 Concen: 34.700 ng
 RT: 19.836 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BP026220.D
 Acq: 02 Dec 2025 23:24

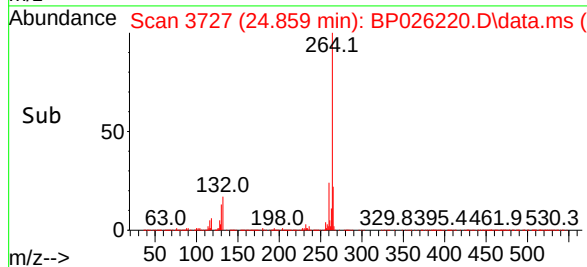
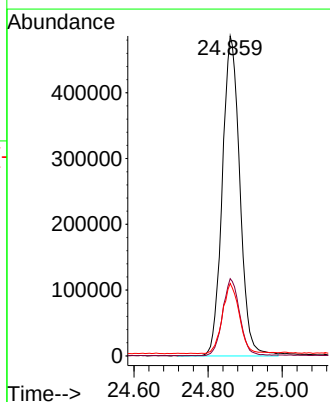
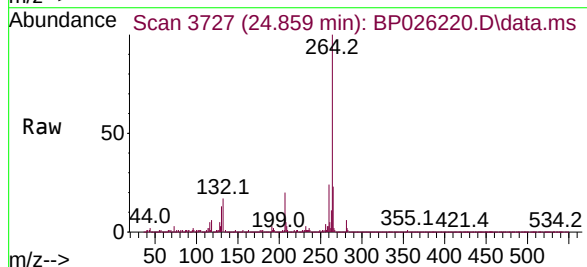
Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-21

Tgt Ion:244 Resp: 2410946
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 9.5 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.859 min Scan# 3727
 Delta R.T. -0.047 min
 Lab File: BP026220.D
 Acq: 02 Dec 2025 23:24

Tgt Ion:264 Resp: 1595597
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 22.6 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026220.D
Acq On : 02 Dec 2025 23:24
Operator : RC/JU
Sample : Q3742-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-21

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026220.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.449	83	87	98	rVB4	43822	75008	1.20%	0.155%
2	4.825	316	321	333	rVB	446424	621396	9.92%	1.287%
3	5.284	392	399	407	rBV	1641496	2552775	40.74%	5.289%
4	5.713	467	472	482	rVB3	36963	70883	1.13%	0.147%
5	6.843	654	664	682	rBV	1533947	2649451	42.29%	5.489%
6	7.654	796	802	813	rBV	871243	1454274	23.21%	3.013%
7	8.796	984	996	1008	rBV	954658	1699884	27.13%	3.522%
8	10.425	1264	1273	1279	rBV	1261895	2158897	34.46%	4.473%
9	10.472	1279	1281	1286	rVV	69666	107298	1.71%	0.222%
10	10.525	1286	1290	1299	rVB4	38540	67090	1.07%	0.139%
11	12.089	1550	1556	1561	rBV	92212	151425	2.42%	0.314%
12	12.307	1587	1593	1601	rVB	78263	135221	2.16%	0.280%
13	12.895	1686	1693	1702	rBV	2704103	4057632	64.76%	8.407%
14	13.601	1803	1813	1818	rBV2	58976	108611	1.73%	0.225%
15	13.660	1818	1823	1829	rVB2	47155	76635	1.22%	0.159%
16	14.283	1921	1929	1937	rBV	2119154	3323264	53.04%	6.885%
17	14.695	1993	1999	2003	rBV2	37956	70239	1.12%	0.146%
18	15.348	2103	2110	2115	rBV2	61656	88177	1.41%	0.183%
19	15.672	2158	2165	2173	rVV	388724	622071	9.93%	1.289%
20	15.801	2180	2187	2197	rBV	2396722	3590271	57.30%	7.439%
21	16.060	2227	2231	2233	rBV4	45896	65438	1.04%	0.136%
22	16.089	2233	2236	2241	rVB	84431	117123	1.87%	0.243%
23	17.089	2400	2406	2411	rBV2	2354794	3975210	63.45%	8.236%
24	17.130	2411	2413	2420	rVB	279623	390560	6.23%	0.809%
25	17.219	2426	2428	2436	rVB	47778	72412	1.16%	0.150%
26	17.507	2472	2477	2489	rVB	287225	424969	6.78%	0.880%
27	17.636	2496	2499	2505	rBV2	51055	63565	1.01%	0.132%
28	17.995	2555	2560	2564	rBV2	54933	105143	1.68%	0.218%
29	18.048	2564	2569	2577	rVV2	857205	1335398	21.31%	2.767%
30	18.113	2578	2580	2587	rVV2	97597	181479	2.90%	0.376%
31	18.195	2590	2594	2598	rVV3	84186	164288	2.62%	0.340%
32	18.236	2599	2601	2610	rVB	55113	82351	1.31%	0.171%
33	18.366	2619	2623	2627	rBV	56251	76568	1.22%	0.159%
34	18.501	2641	2646	2653	rBV2	401935	577444	9.22%	1.196%
35	18.960	2720	2724	2726	rBV3	122026	167757	2.68%	0.348%
36	19.030	2733	2736	2742	rVB4	96670	138340	2.21%	0.287%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026220.D
Acq On : 02 Dec 2025 23:24
Operator : RC/JU
Sample : Q3742-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-21

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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-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.142	2752	2755	2760	rVB	86647	119593	1.91%	0.248%
38	19.230	2766	2770	2778	rBV	404723	640160	10.22%	1.326%
39	19.389	2793	2797	2801	rBV	171601	230975	3.69%	0.479%
40	19.613	2830	2835	2844	rVB	326117	564315	9.01%	1.169%
41	19.836	2867	2873	2883	rVB	4512384	6265357	100.00%	12.981%
42	21.236	3107	3111	3123	rVB5	491092	1141016	18.21%	2.364%
43	21.542	3157	3163	3169	rBV2	2145623	3823361	61.02%	7.922%
44	24.859	3719	3727	3742	rVB	1242482	3862055	61.64%	8.002%

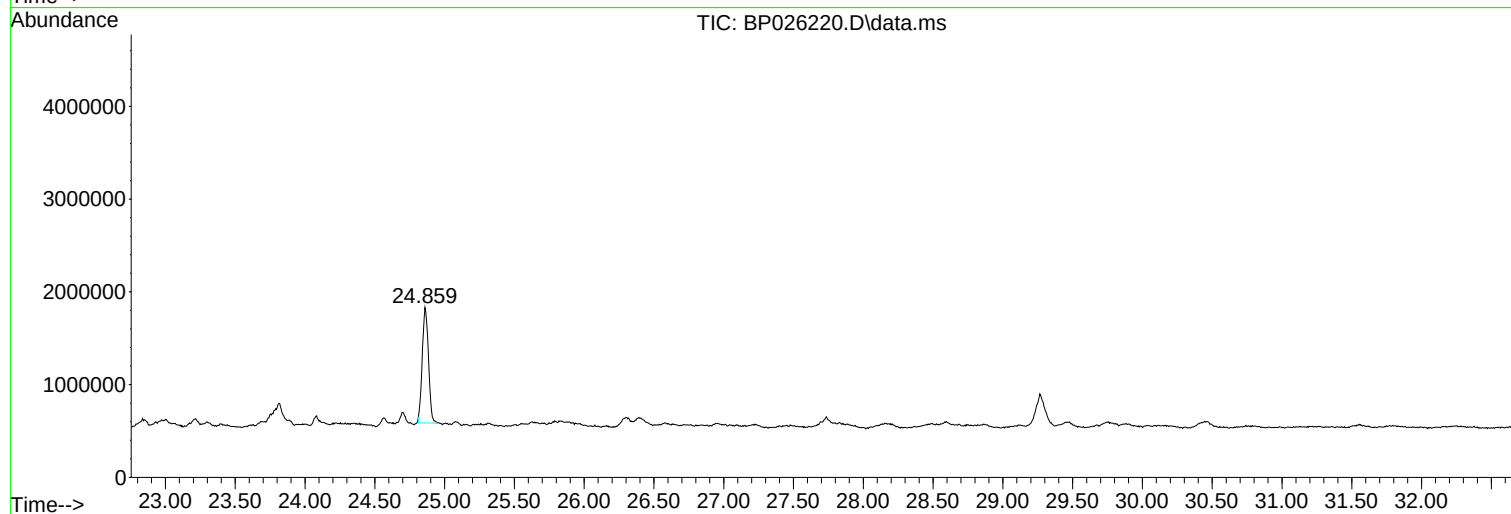
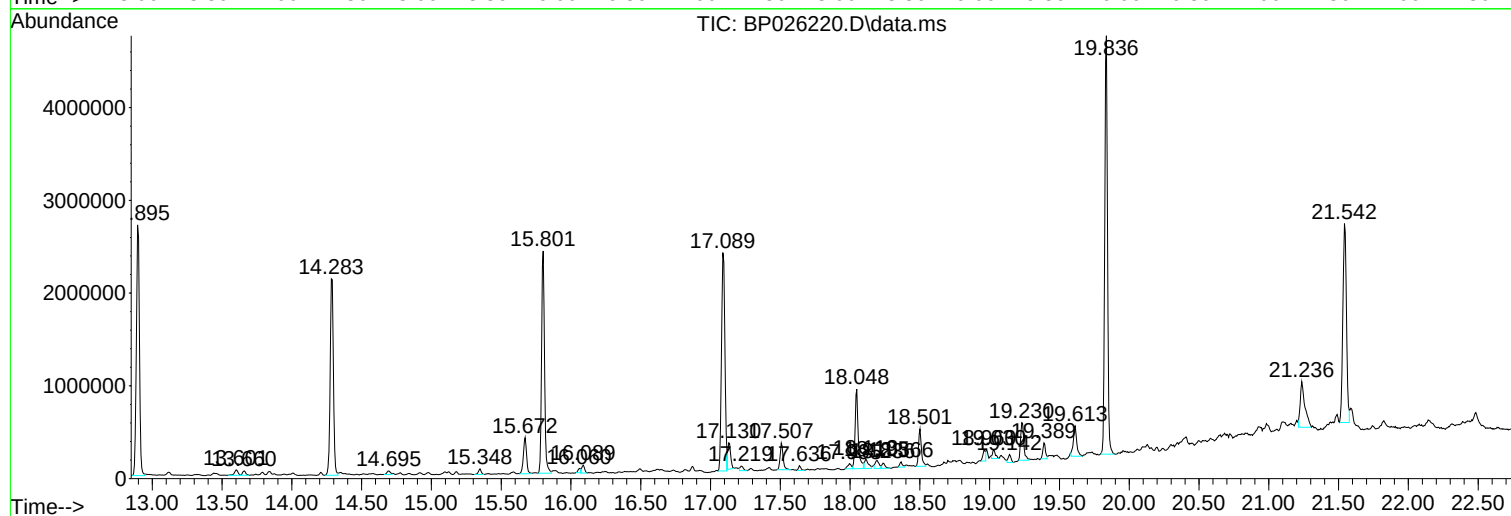
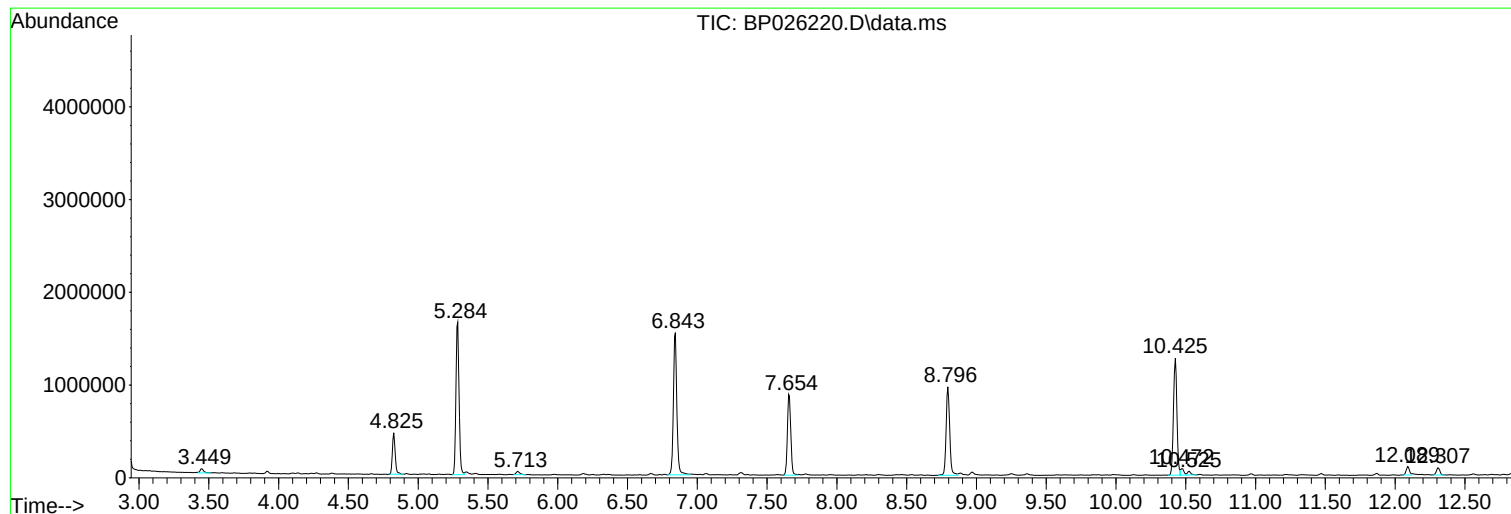
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Acq On : 02 Dec 2025 23:24
Operator : RC/JU
Sample : Q3742-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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\BP120225\
Data File : BP026220.D
Acq On : 02 Dec 2025 23:24
Operator : RC/JU
Sample : Q3742-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-21

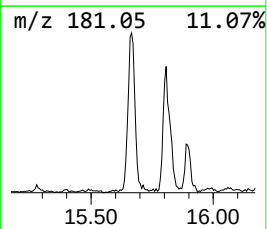
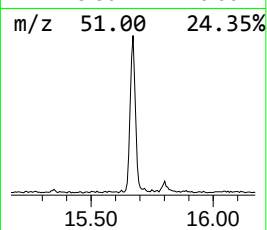
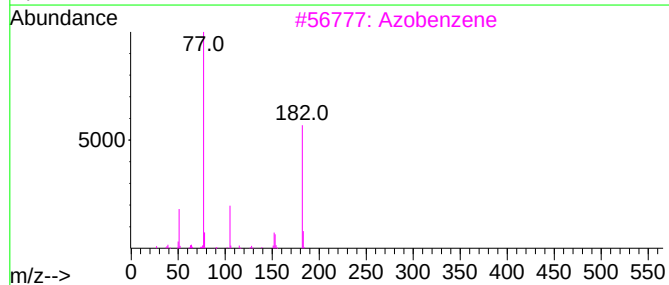
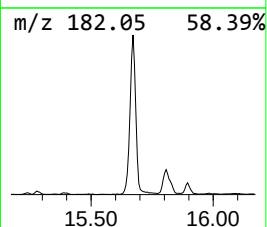
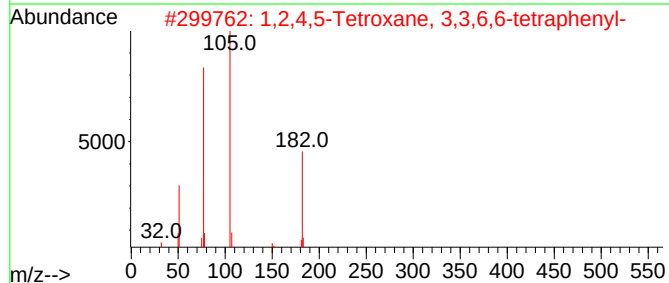
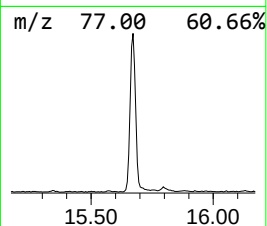
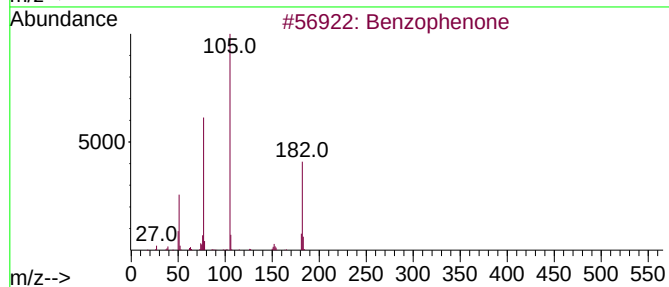
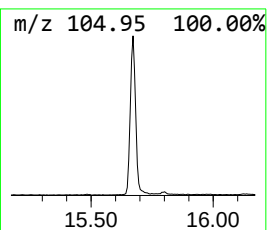
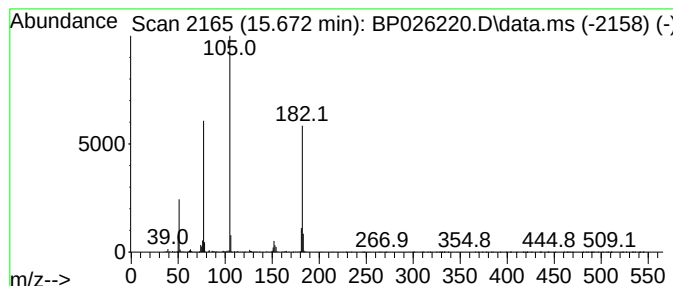
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.672	3.74 ng	622071	Acenaphthene-d10	14.289

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3			Azobenzene	182	C12H10N2	000103-33-3	47
4			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	38
5			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026220.D
Acq On : 02 Dec 2025 23:24
Operator : RC/JU
Sample : Q3742-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

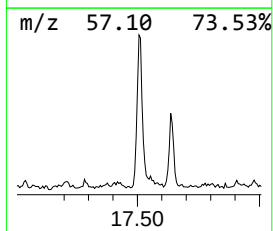
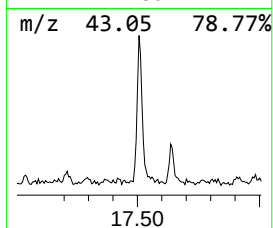
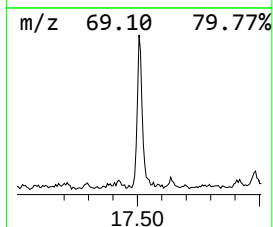
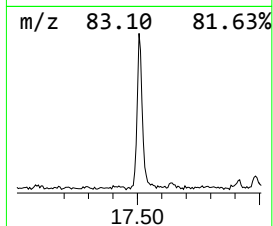
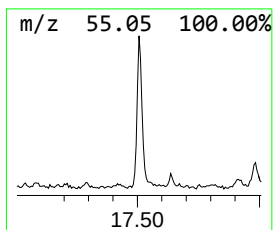
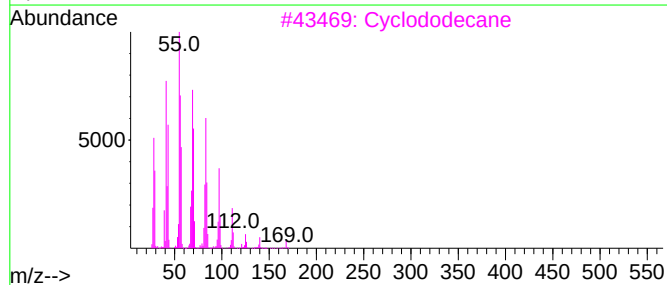
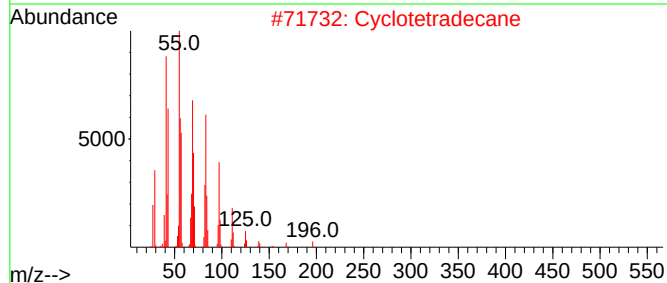
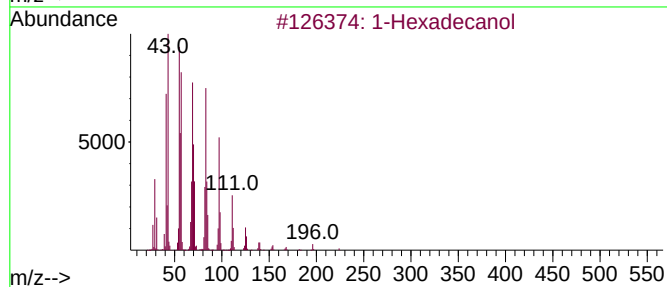
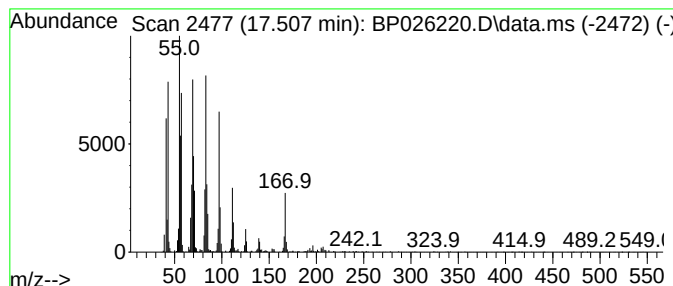
Instrument :
BNA_P
ClientSampleId :
SB-1125-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1-Hexadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.507	2.14 ng	424969	Phenanthrene-d10		17.089	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hexadecanol		242	C16H34O	036653-82-4	95
2	Cyclotetradecane		196	C14H28	000295-17-0	92
3	Cyclododecane		168	C12H24	000294-62-2	92
4	1-Tetradecanol		214	C14H30O	000112-72-1	91
5	n-Tridecan-1-ol		200	C13H28O	000112-70-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026220.D
Acq On : 02 Dec 2025 23:24
Operator : RC/JU
Sample : Q3742-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

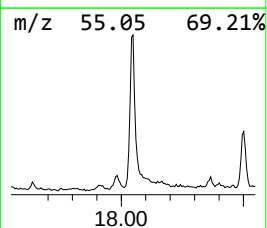
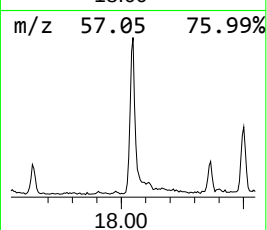
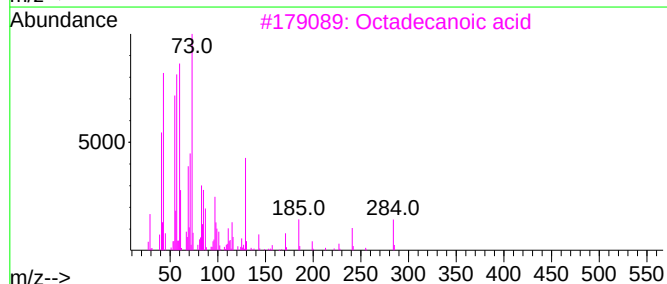
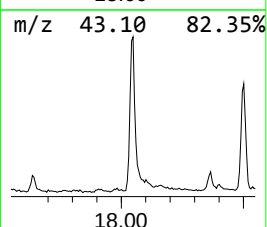
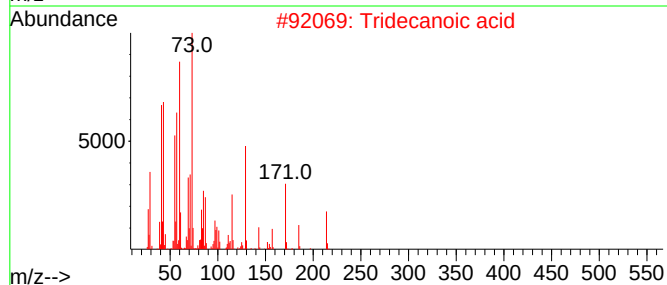
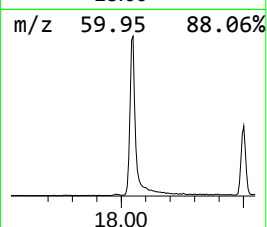
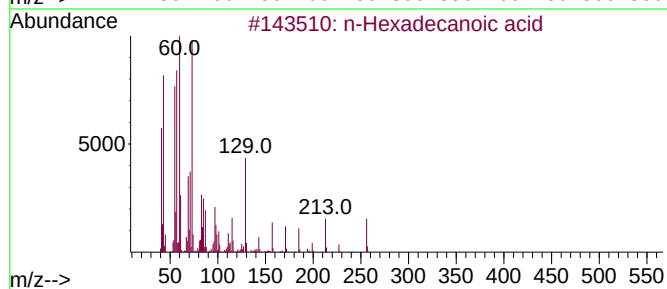
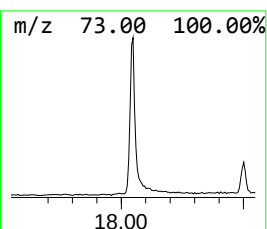
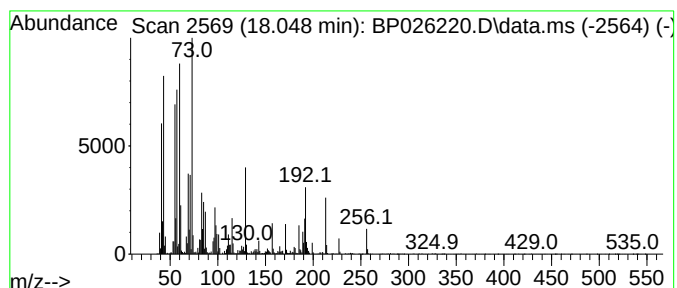
Instrument :
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ClientSampleId :
SB-1125-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.048	6.72 ng	1335400	Phenanthrene-d10	17.089	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026220.D
Acq On : 02 Dec 2025 23:24
Operator : RC/JU
Sample : Q3742-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-21

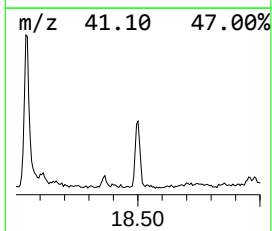
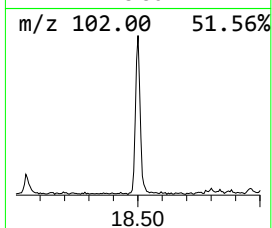
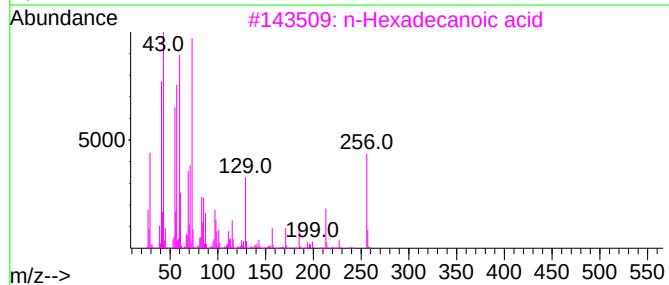
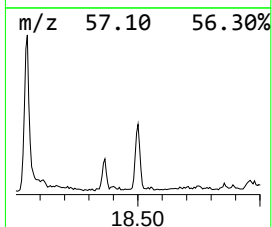
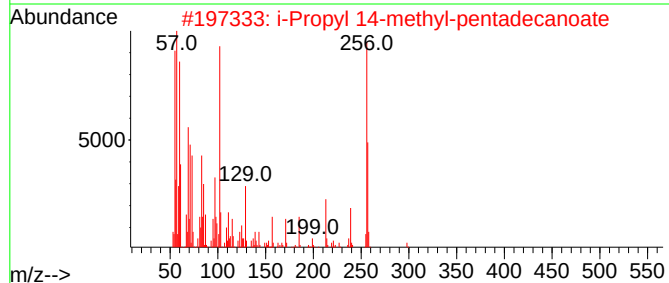
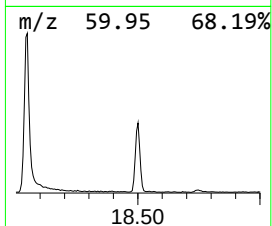
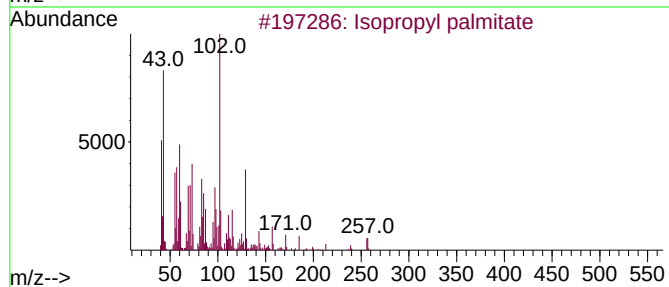
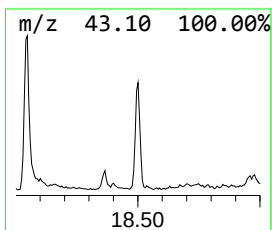
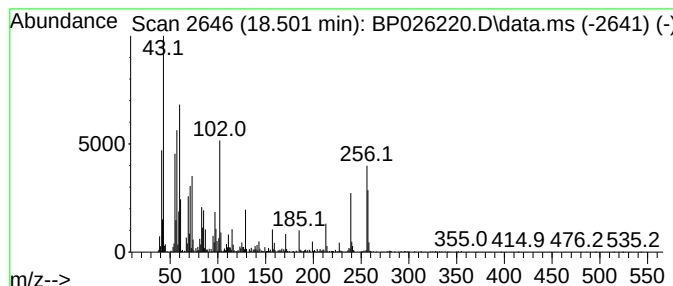
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Isopropyl palmitate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.501	2.91 ng	577444	Phenanthrene-d10	17.089

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl palmitate	298	C19H38O2	000142-91-6	90
2			i-Propyl 14-methyl-pentadecanoate	298	C19H38O2	1000336-62-4	64
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	41
4			Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	38
5			Nonanoic acid, 1-methylethyl ester	200	C12H24O2	028267-32-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026220.D
Acq On : 02 Dec 2025 23:24
Operator : RC/JU
Sample : Q3742-05
Misc :
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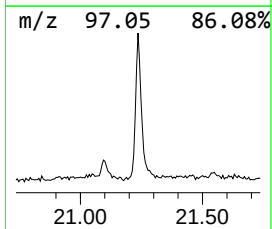
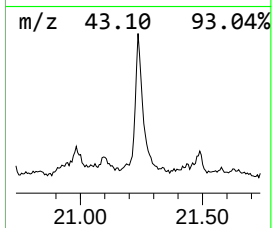
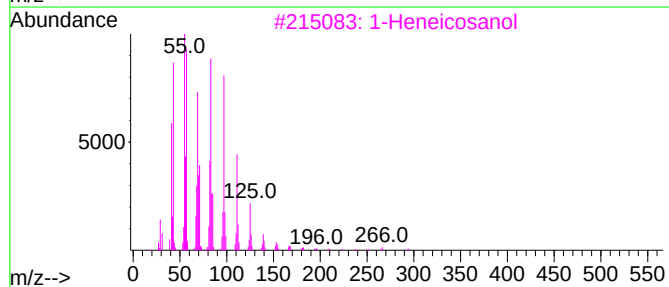
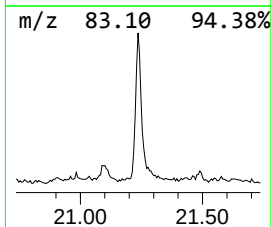
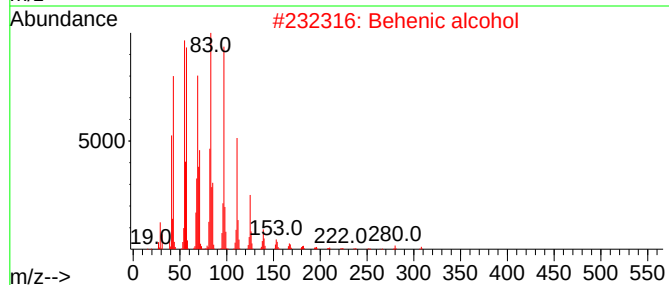
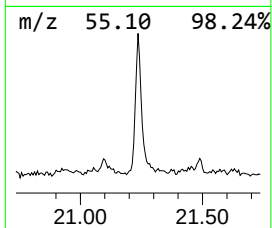
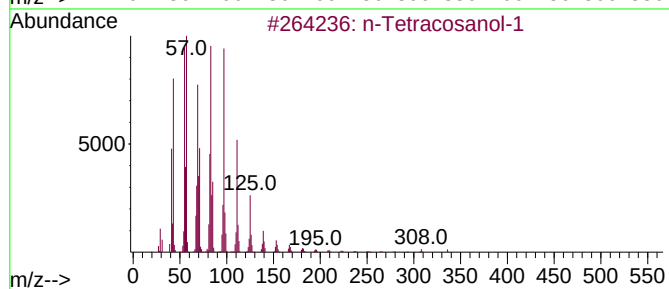
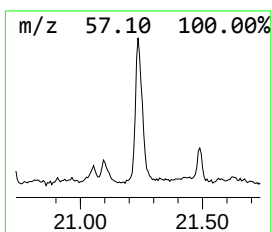
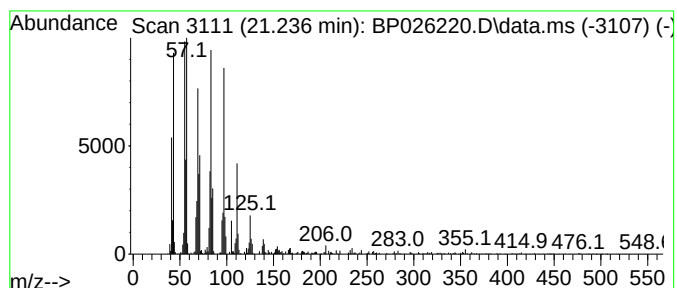
Instrument :
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ClientSampleId :
SB-1125-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.236	5.97 ng	1141020	Chrysene-d12	21.542	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	94
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026220.D
Acq On : 02 Dec 2025 23:24
Operator : RC/JU
Sample : Q3742-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-21

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	15.672	3.7	ng	622071	3	14.289	3323260	20.0
1-Hexadecanol	17.507	2.1	ng	424969	4	17.089	3975210	20.0
n-Hexadecanoic ...	18.048	6.7	ng	1335400	4	17.089	3975210	20.0
Isopropyl palmi...	18.501	2.9	ng	577444	4	17.089	3975210	20.0
n-Tetracosanol-1	21.236	6.0	ng	1141020	5	21.542	3823360	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026221.D
Acq On : 03 Dec 2025 00:06
Operator : RC/JU
Sample : Q3742-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-13

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Quant Time: Dec 03 01:01:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

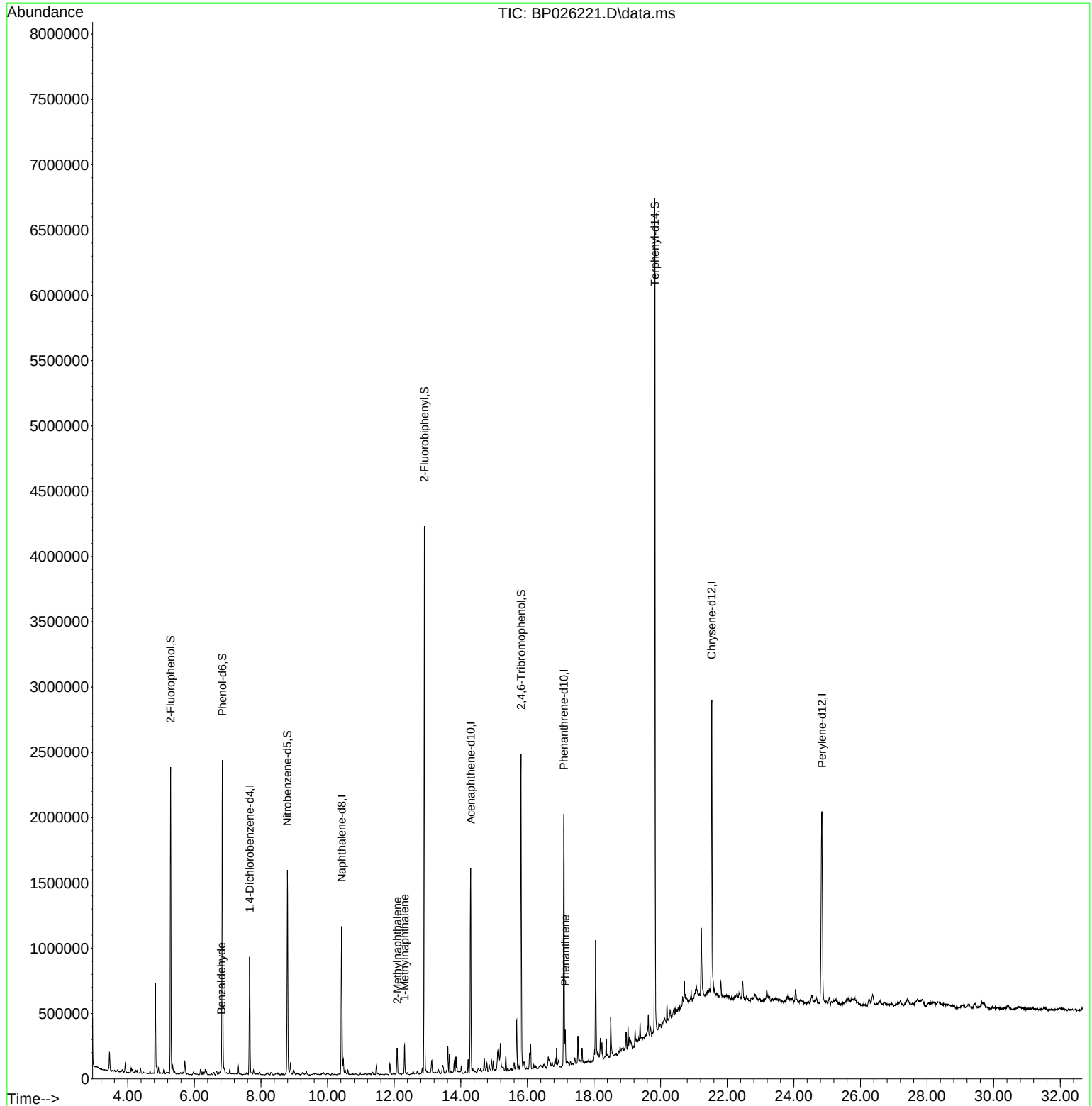
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	251684	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	962819	20.000	ng	-0.02
39) Acenaphthene-d10	14.295	164	615377	20.000	ng	-0.03
64) Phenanthrene-d10	17.095	188	1259001	20.000	ng	-0.04
76) Chrysene-d12	21.530	240	1396523	20.000	ng	-0.04
86) Perylene-d12	24.842	264	1595307	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1062780	67.778	ng	0.00
7) Phenol-d6	6.843	99	1378530	69.057	ng	-0.01
23) Nitrobenzene-d5	8.796	82	864690	51.013	ng	-0.02
42) 2,4,6-Tribromophenol	15.807	330	501099	62.771	ng	-0.03
45) 2-Fluorobiphenyl	12.907	172	2138817	50.938	ng	-0.02
79) Terphenyl-d14	19.825	244	3440789	50.239	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.813	77	29108	2.782	ng	96
37) 2-Methylnaphthalene	12.090	142	103067	2.794	ng	99
38) 1-Methylnaphthalene	12.313	142	104237	2.891	ng	99
71) Phenanthrene	17.136	178	164520	2.320	ng	98

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

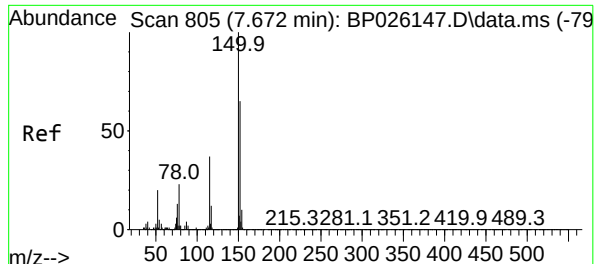
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Data File : BP026221.D
Acq On : 03 Dec 2025 00:06
Operator : RC/JU
Sample : Q3742-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-13

Quant Time: Dec 03 01:01:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration



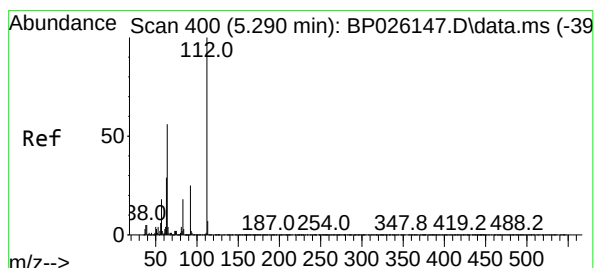
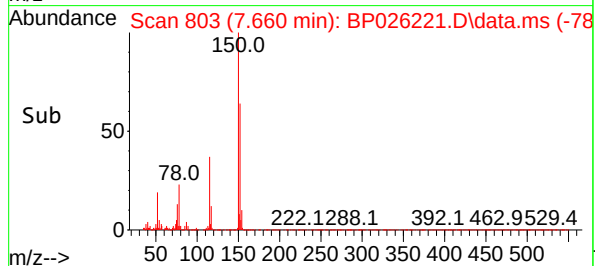
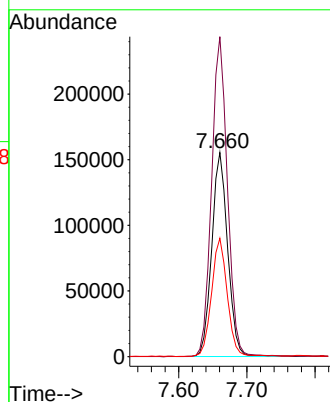
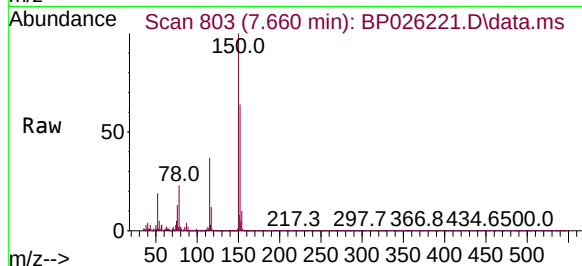
A
B
C
D
E
F
G
H
I
J
K



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.660 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

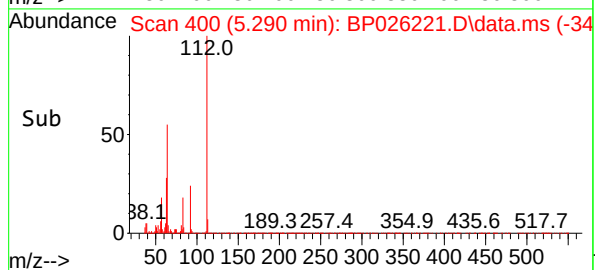
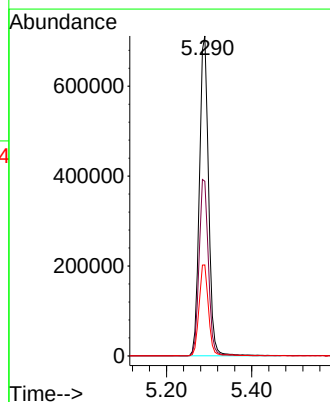
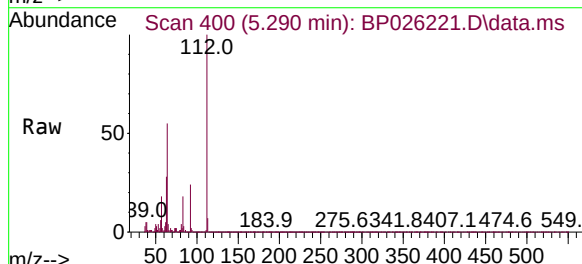
Instrument :
BNA_P
ClientSampleId :
SB-1125-13

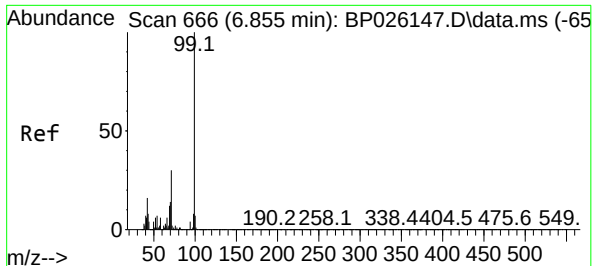
Tgt Ion:152 Resp: 251684
Ion Ratio Lower Upper
152 100
150 156.8 123.0 184.6
115 58.0 46.3 69.5



#5
2-Fluorophenol
Concen: 67.778 ng
RT: 5.290 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

Tgt Ion:112 Resp: 1062780
Ion Ratio Lower Upper
112 100
64 54.6 45.8 68.6
63 28.4 23.5 35.3



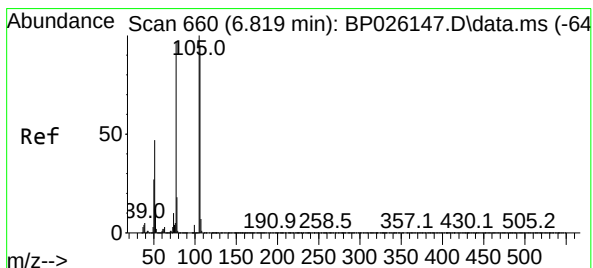
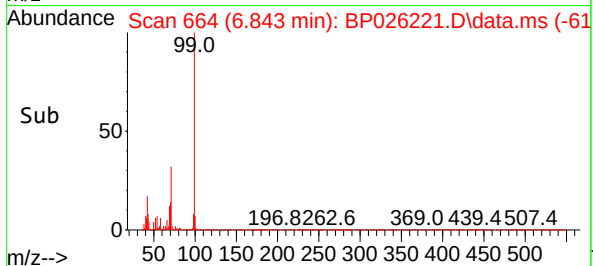
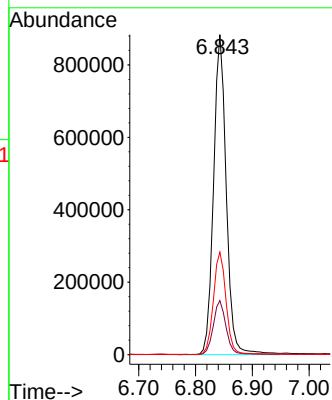
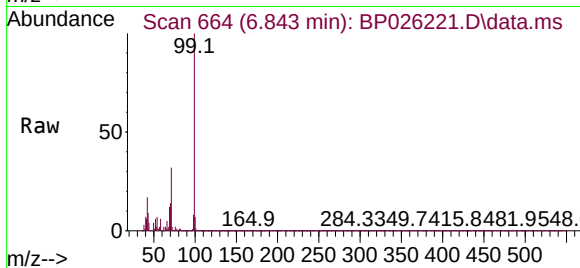


#7
Phenol-d6
Concen: 69.057 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

Instrument :
BNA_P
ClientSampleId :
SB-1125-13

Tgt Ion: 99 Resp: 1378530

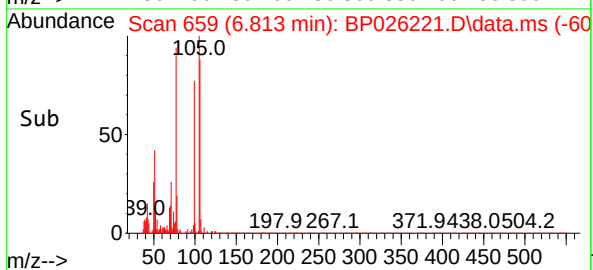
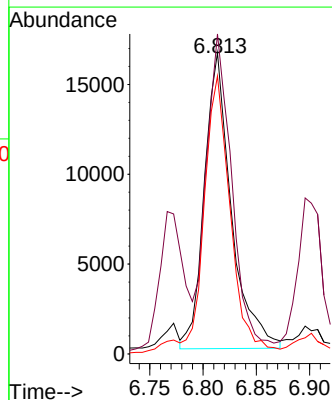
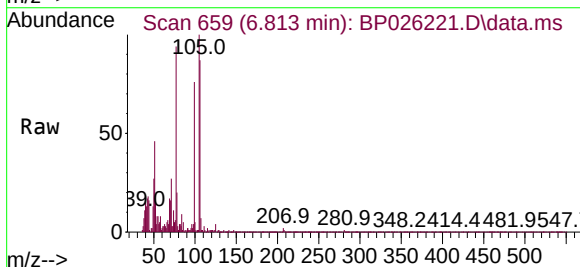
Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.9	19.3
71	32.0	24.8	37.2

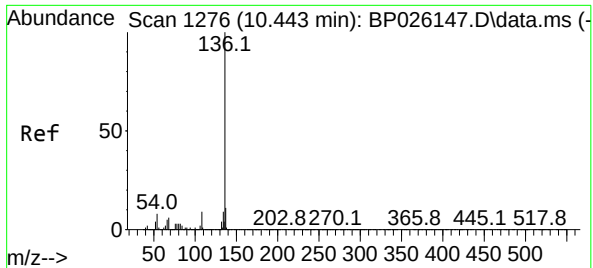


#9
Benzaldehyde
Concen: 2.782 ng
RT: 6.813 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

Tgt Ion: 77 Resp: 29108

Ion	Ratio	Lower	Upper
77	100		
105	106.2	82.9	122.9
106	92.3	77.8	117.8

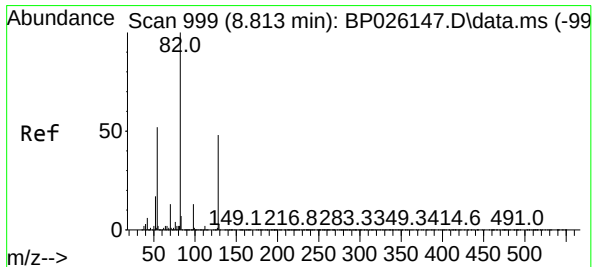
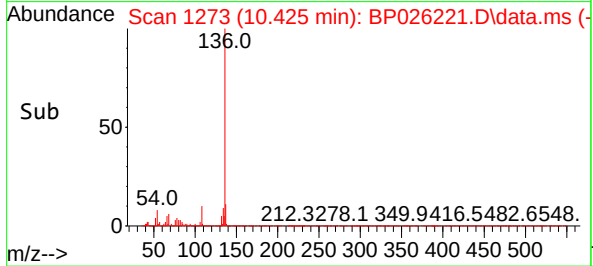
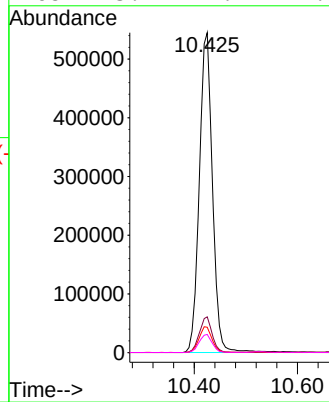
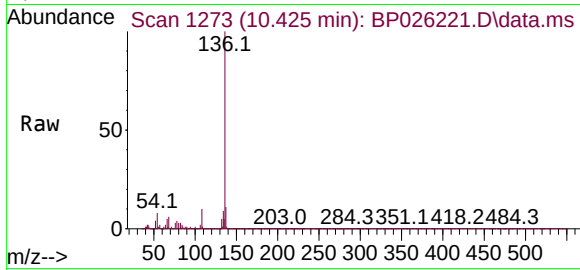




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

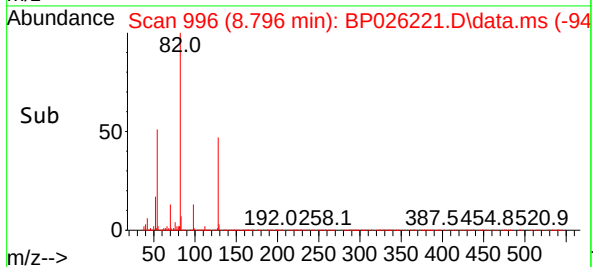
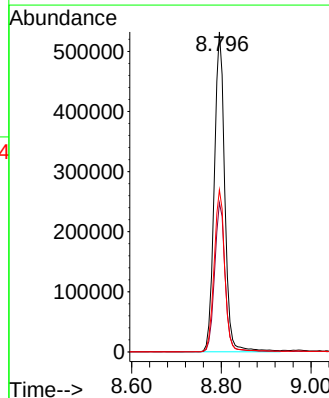
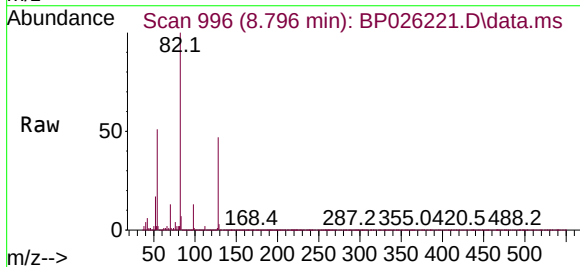
Instrument :
BNA_P
ClientSampleId :
SB-1125-13

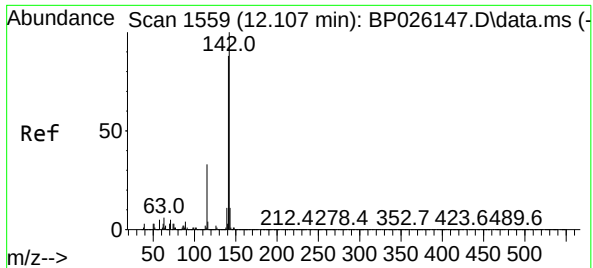
Tgt Ion:	136	Resp:	962819
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.7	13.1
54	7.9	6.4	9.6
68	5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 51.013 ng
RT: 8.796 min Scan# 996
Delta R.T. -0.018 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

Tgt Ion:	82	Resp:	864690
Ion Ratio	Lower	Upper	
82	100		
128	46.6	37.4	56.0
54	50.6	41.6	62.4

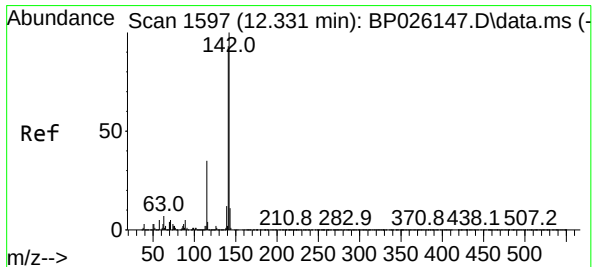
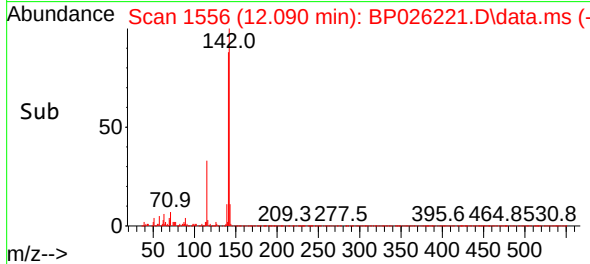
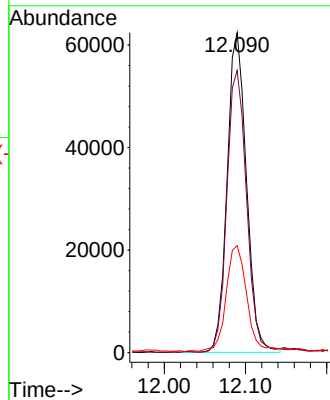
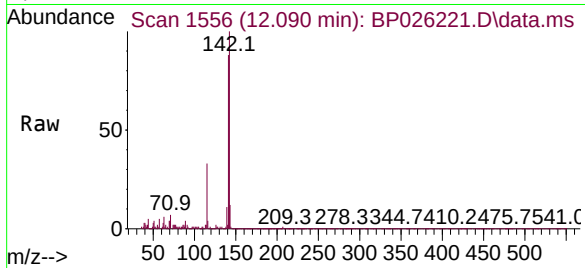




#37
2-Methylnaphthalene
Concen: 2.794 ng
RT: 12.090 min Scan# 1556
Delta R.T. -0.023 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

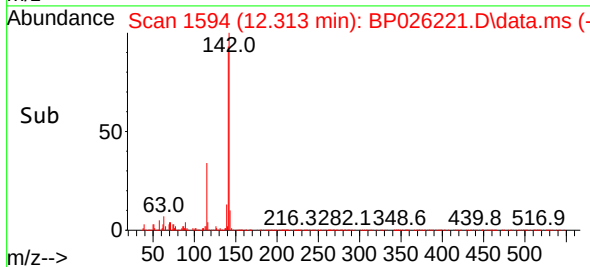
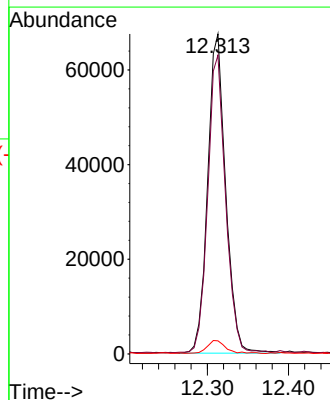
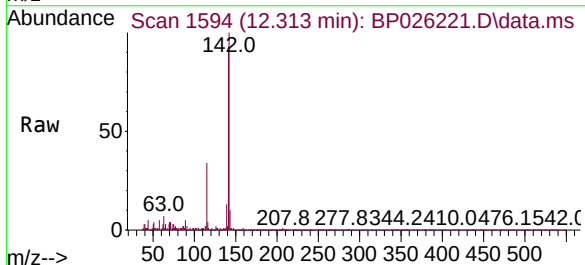
Instrument :
BNA_P
ClientSampleId :
SB-1125-13

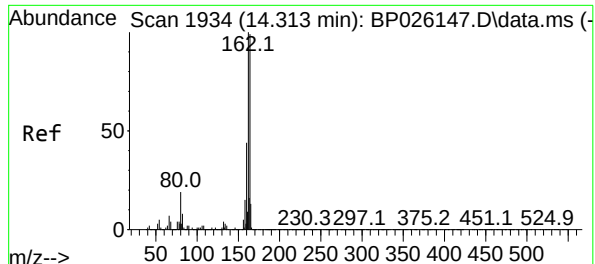
Tgt Ion:142 Resp: 103067
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6
115 33.4 26.6 39.8



#38
1-Methylnaphthalene
Concen: 2.891 ng
RT: 12.313 min Scan# 1594
Delta R.T. -0.018 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

Tgt Ion:142 Resp: 104237
Ion Ratio Lower Upper
142 100
141 93.3 73.5 110.3
116 4.1 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.295 min Scan# 19

Delta R.T. -0.029 min

Lab File: BP026221.D

Acq: 03 Dec 2025 00:06

Instrument :

BNA_P

ClientSampleId :

SB-1125-13

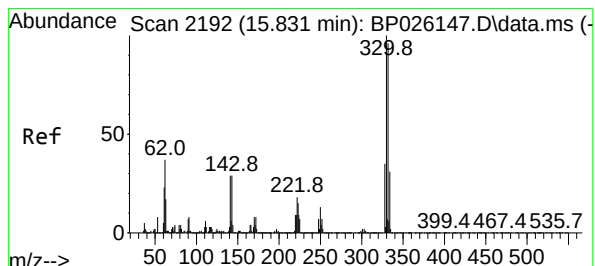
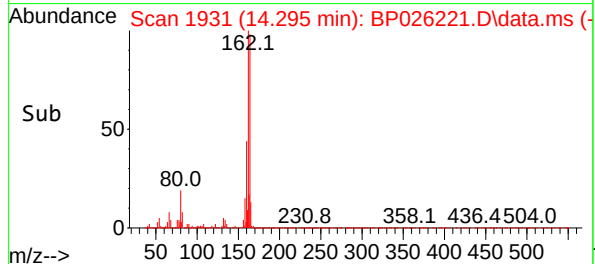
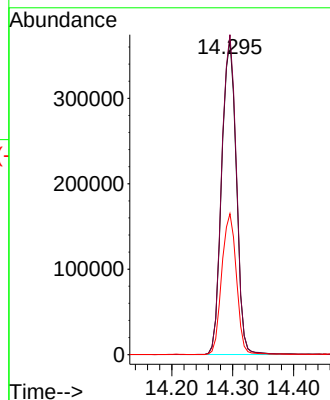
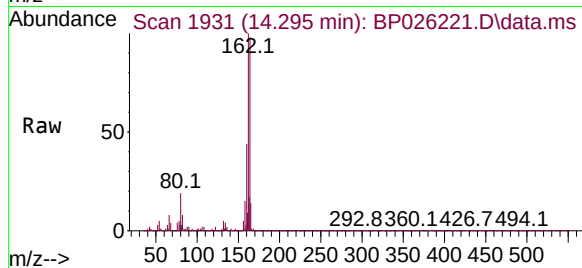
Tgt Ion:164 Resp: 615377

Ion Ratio Lower Upper

164 100

162 101.8 80.3 120.5

160 44.8 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 62.771 ng

RT: 15.807 min Scan# 2188

Delta R.T. -0.029 min

Lab File: BP026221.D

Acq: 03 Dec 2025 00:06

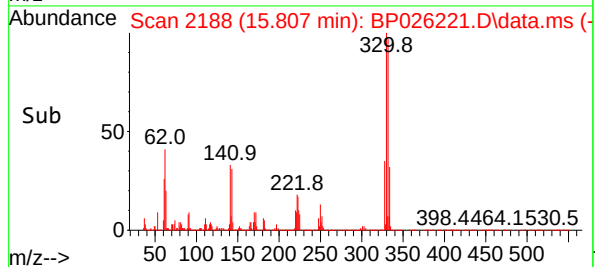
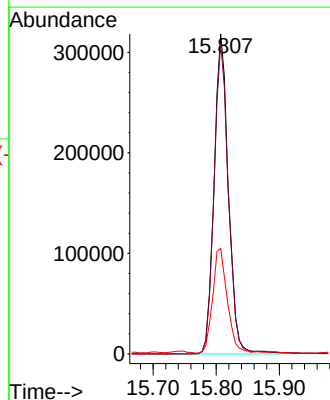
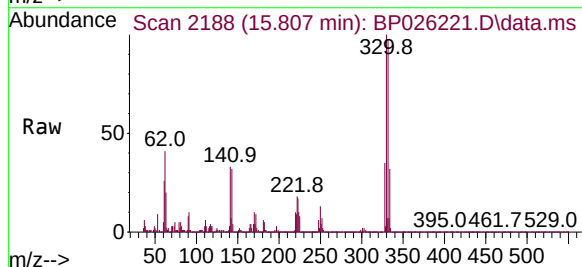
Tgt Ion:330 Resp: 501099

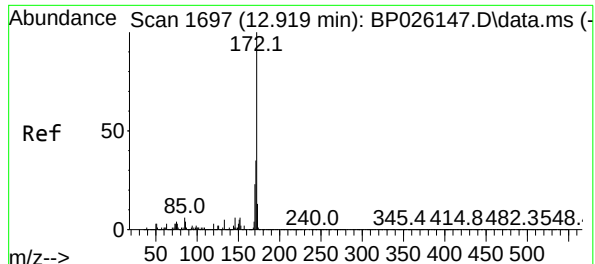
Ion Ratio Lower Upper

330 100

332 97.7 78.0 117.0

141 33.5 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 50.938 ng

RT: 12.907 min Scan# 1697

Delta R.T. -0.023 min

Lab File: BP026221.D

Acq: 03 Dec 2025 00:06

Instrument :

BNA_P

ClientSampleId :

SB-1125-13

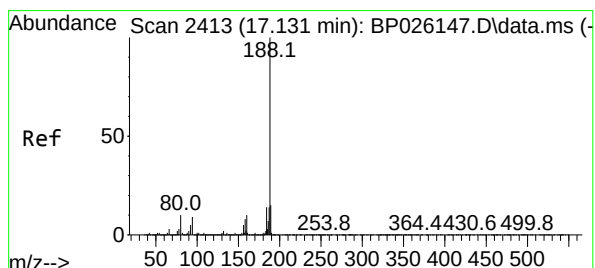
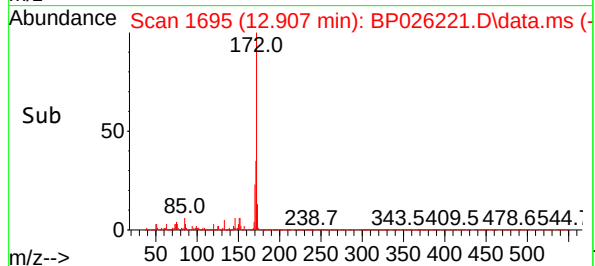
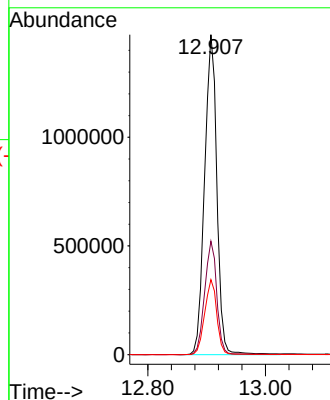
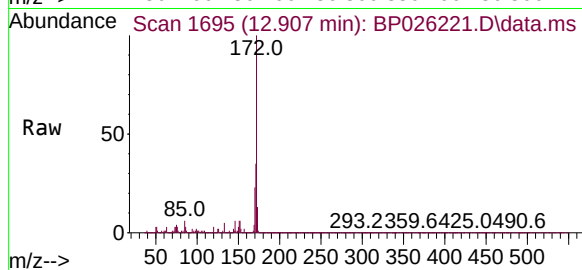
Tgt Ion:172 Resp: 2138817

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.4 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.095 min Scan# 2407

Delta R.T. -0.035 min

Lab File: BP026221.D

Acq: 03 Dec 2025 00:06

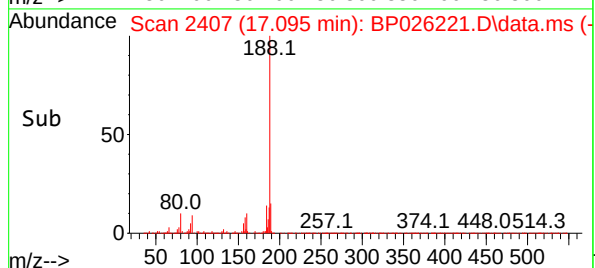
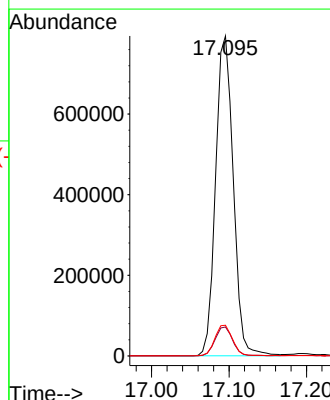
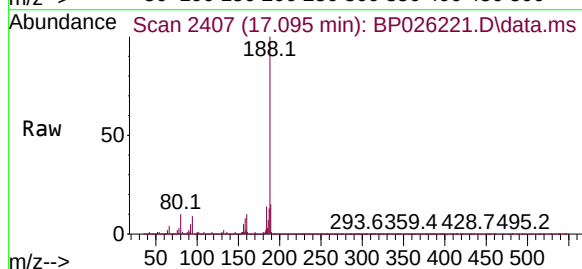
Tgt Ion:188 Resp: 1259001

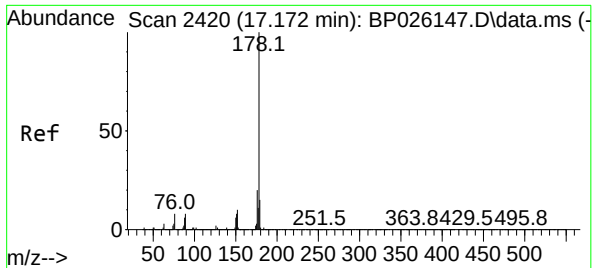
Ion Ratio Lower Upper

188 100

94 9.0 7.8 11.6

80 9.6 8.2 12.2

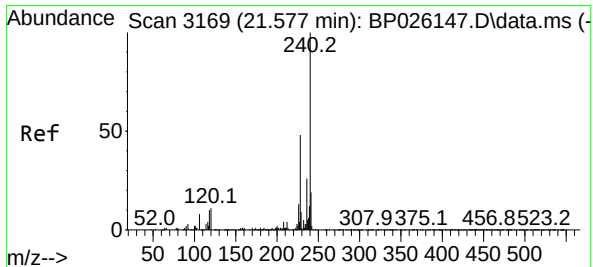
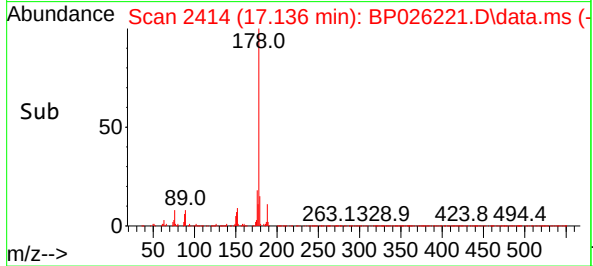
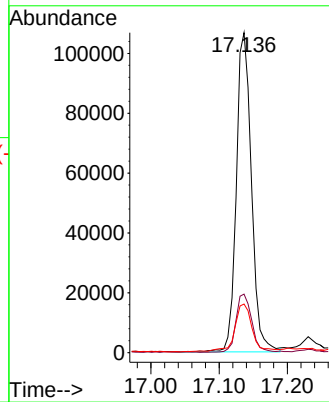
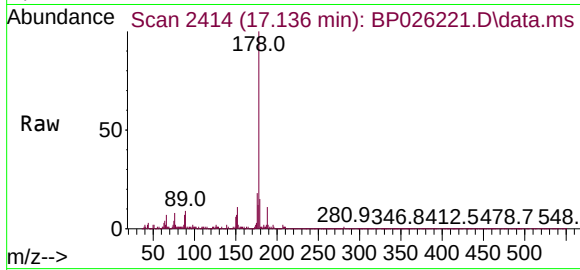




#71
Phenanthrene
Concen: 2.320 ng
RT: 17.136 min Scan# 2414
Delta R.T. -0.041 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

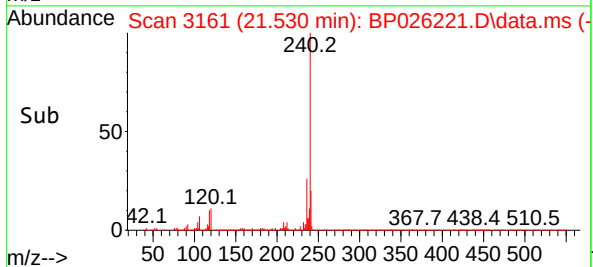
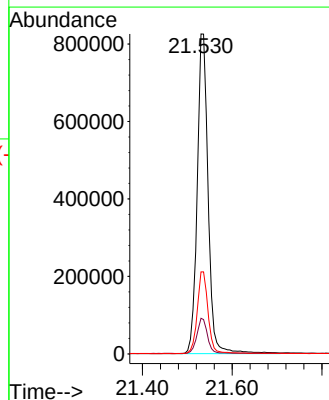
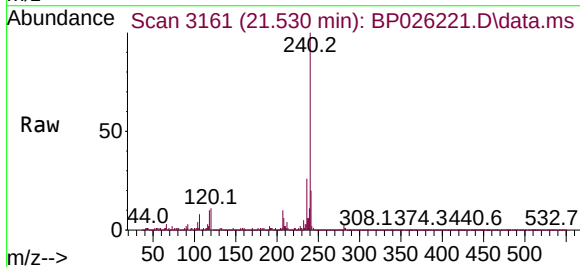
Instrument :
BNA_P
ClientSampleId :
SB-1125-13

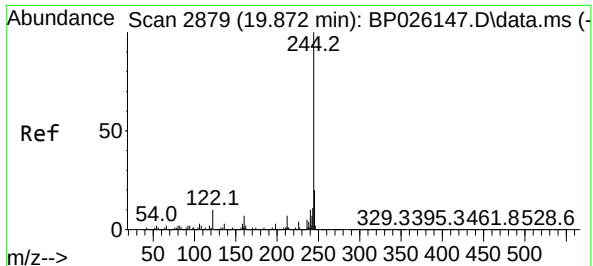
Tgt Ion:178 Resp: 164520
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.2 12.4 18.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.041 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

Tgt Ion:240 Resp: 1396523
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.6 20.4 30.6

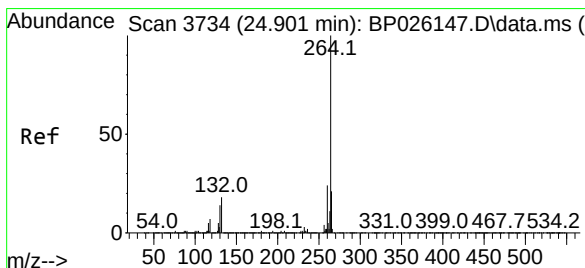
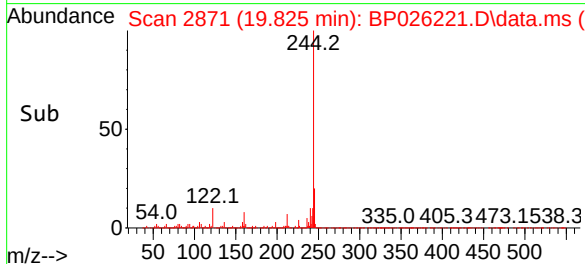
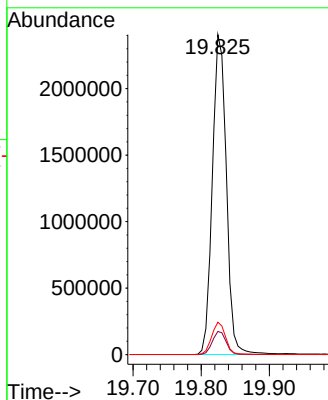
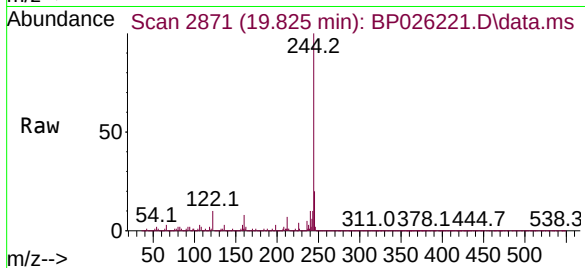




#79
 Terphenyl-d14
 Concen: 50.239 ng
 RT: 19.825 min Scan# 2879
 Delta R.T. -0.047 min
 Lab File: BP026221.D
 Acq: 03 Dec 2025 00:06

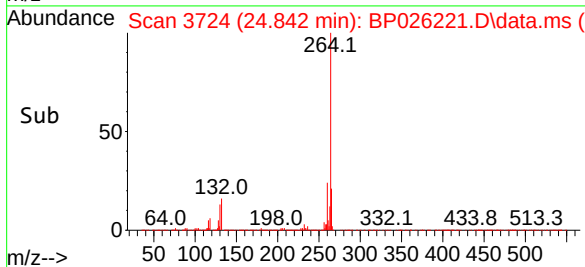
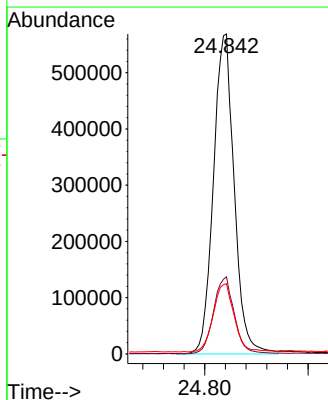
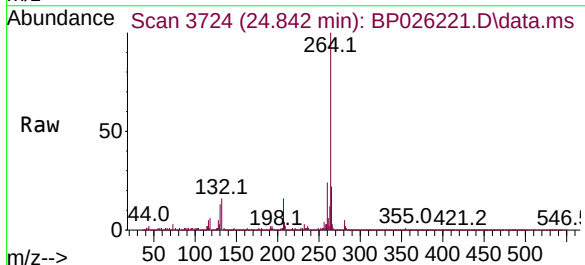
Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-13

Tgt Ion:244 Resp: 3440789
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.842 min Scan# 3724
 Delta R.T. -0.065 min
 Lab File: BP026221.D
 Acq: 03 Dec 2025 00:06

Tgt Ion:264 Resp: 1595307
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.9 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026221.D
Acq On : 03 Dec 2025 00:06
Operator : RC/JU
Sample : Q3742-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-13

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026221.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.449	79	87	98	rVB2	142651	271427	3.02%	0.454%
2	3.925	163	168	177	rVB	65606	102497	1.14%	0.171%
3	4.831	316	322	326	rBV	690235	976650	10.85%	1.633%
4	5.290	393	400	407	rBV	2350308	3523388	39.16%	5.891%
5	5.349	407	410	417	rVB	57951	97057	1.08%	0.162%
6	5.714	467	472	481	rVB3	96380	185634	2.06%	0.310%
7	6.190	545	553	560	rBV4	43118	97934	1.09%	0.164%
8	6.843	655	664	672	rBV	2395920	3835310	42.62%	6.413%
9	7.313	737	744	750	rBV2	75526	156588	1.74%	0.262%
10	7.660	796	803	814	rBV	900936	1466588	16.30%	2.452%
11	8.796	978	996	1007	rBV	1571581	2638410	29.32%	4.412%
12	8.884	1007	1011	1020	rVB	83031	146446	1.63%	0.245%
13	10.425	1264	1273	1278	rBV	1135637	2027100	22.53%	3.389%
14	10.472	1278	1281	1286	rVV	115215	192103	2.13%	0.321%
15	11.466	1444	1450	1458	rBV	69015	127339	1.42%	0.213%
16	11.872	1512	1519	1526	rBV	82442	143358	1.59%	0.240%
17	12.090	1545	1556	1566	rBV	202835	352154	3.91%	0.589%
18	12.313	1588	1594	1603	rVB	222672	342024	3.80%	0.572%
19	12.907	1688	1695	1702	rBV	4194206	5978364	66.44%	9.996%
20	13.131	1724	1733	1738	rBV2	96887	185331	2.06%	0.310%
21	13.448	1781	1787	1789	rBV	59805	97644	1.09%	0.163%
22	13.607	1810	1814	1819	rVV	196715	273552	3.04%	0.457%
23	13.660	1819	1823	1829	rVB	144355	209638	2.33%	0.351%
24	13.801	1842	1847	1851	rBV2	78318	100652	1.12%	0.168%
25	13.854	1851	1856	1859	rBV	116483	175790	1.95%	0.294%
26	14.219	1913	1918	1923	rBV	106595	138226	1.54%	0.231%
27	14.295	1923	1931	1938	rBV	1567958	2676248	29.74%	4.475%
28	14.701	1995	2000	2008	rBV2	93321	170734	1.90%	0.285%
29	14.784	2009	2014	2018	rVB	64256	99272	1.10%	0.166%
30	14.854	2021	2026	2033	rBV5	49395	102103	1.13%	0.171%
31	14.931	2034	2039	2043	rVV	74871	131867	1.47%	0.220%
32	14.978	2043	2047	2052	rVB	71663	98962	1.10%	0.165%
33	15.107	2061	2069	2072	rBV3	136052	293486	3.26%	0.491%
34	15.137	2072	2074	2078	rVV2	139378	224953	2.50%	0.376%
35	15.184	2079	2082	2092	rVB2	188128	324295	3.60%	0.542%
36	15.354	2105	2111	2116	rVB2	119437	188857	2.10%	0.316%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-13

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.601	2146	2153	2157	rBV3	57399	115972	1.29%	0.194%
38	15.678	2158	2166	2173	rVB2	377957	669682	7.44%	1.120%
39	15.807	2181	2188	2197	rBV	2417112	3948631	43.88%	6.602%
40	15.901	2200	2204	2210	rVB2	57395	117503	1.31%	0.196%
41	16.066	2227	2232	2234	rBV3	120207	188811	2.10%	0.316%
42	16.095	2234	2237	2242	rVB	192162	265097	2.95%	0.443%
43	16.625	2323	2327	2331	rBV2	65929	123120	1.37%	0.206%
44	16.831	2358	2362	2367	rVV4	64923	133405	1.48%	0.223%
45	16.878	2367	2370	2374	rVV	145998	191380	2.13%	0.320%
46	17.095	2401	2407	2411	rBV	1928405	3020075	33.56%	5.050%
47	17.136	2411	2414	2419	rVB	254319	370905	4.12%	0.620%
48	17.425	2459	2463	2469	rVB5	48359	90677	1.01%	0.152%
49	17.519	2474	2479	2483	rBV2	206556	284570	3.16%	0.476%
50	17.642	2496	2500	2505	rVB	109729	142498	1.58%	0.238%
51	18.001	2555	2561	2564	rBV2	81045	168475	1.87%	0.282%
52	18.048	2564	2569	2578	rVV3	888659	1356730	15.08%	2.268%
53	18.189	2589	2593	2597	rBV	136341	198124	2.20%	0.331%
54	18.236	2598	2601	2610	rVB	126511	187686	2.09%	0.314%
55	18.366	2619	2623	2627	rBV	139839	158458	1.76%	0.265%
56	18.501	2641	2646	2654	rBV2	304669	516523	5.74%	0.864%
57	18.966	2721	2725	2729	rVB	133048	181143	2.01%	0.303%
58	19.019	2730	2734	2738	rBV	176402	236139	2.62%	0.395%
59	19.060	2738	2741	2745	rVV2	67406	90305	1.00%	0.151%
60	19.230	2767	2770	2776	rBV2	118709	202710	2.25%	0.339%
61	19.383	2792	2796	2800	rBV	133052	182878	2.03%	0.306%
62	19.630	2835	2838	2844	rVB2	159891	189825	2.11%	0.317%
63	19.825	2866	2871	2884	rVB	6370578	8997986	100.00%	15.045%
64	20.189	2930	2933	2938	rBV2	134622	173048	1.92%	0.289%
65	20.713	3019	3022	3026	rBV	143474	158958	1.77%	0.266%
66	21.219	3104	3108	3122	rVB4	516682	997369	11.08%	1.668%
67	21.536	3156	3162	3182	rVB2	2254078	4019134	44.67%	6.720%
68	24.842	3715	3724	3737	rVB2	1458985	3977679	44.21%	6.651%

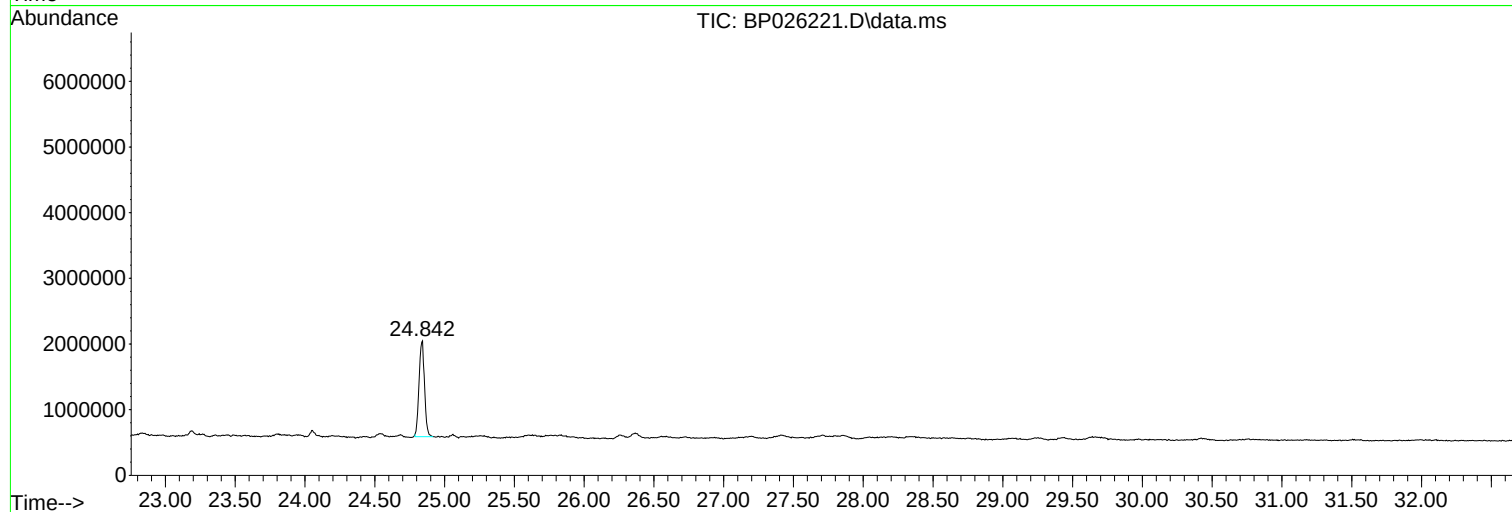
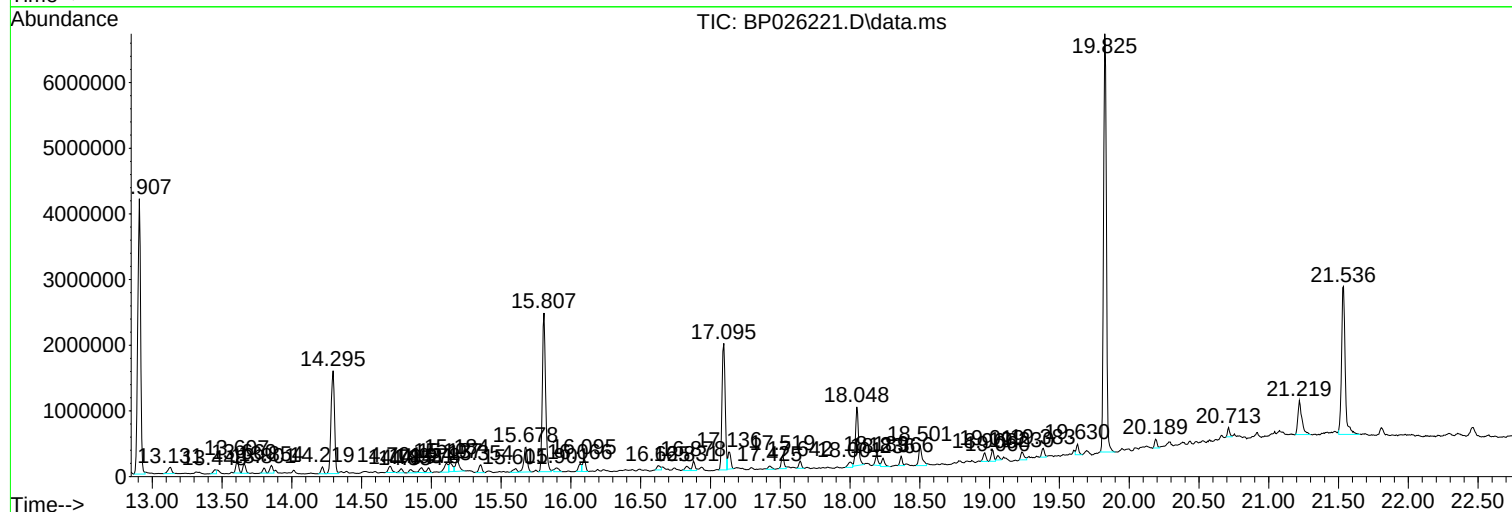
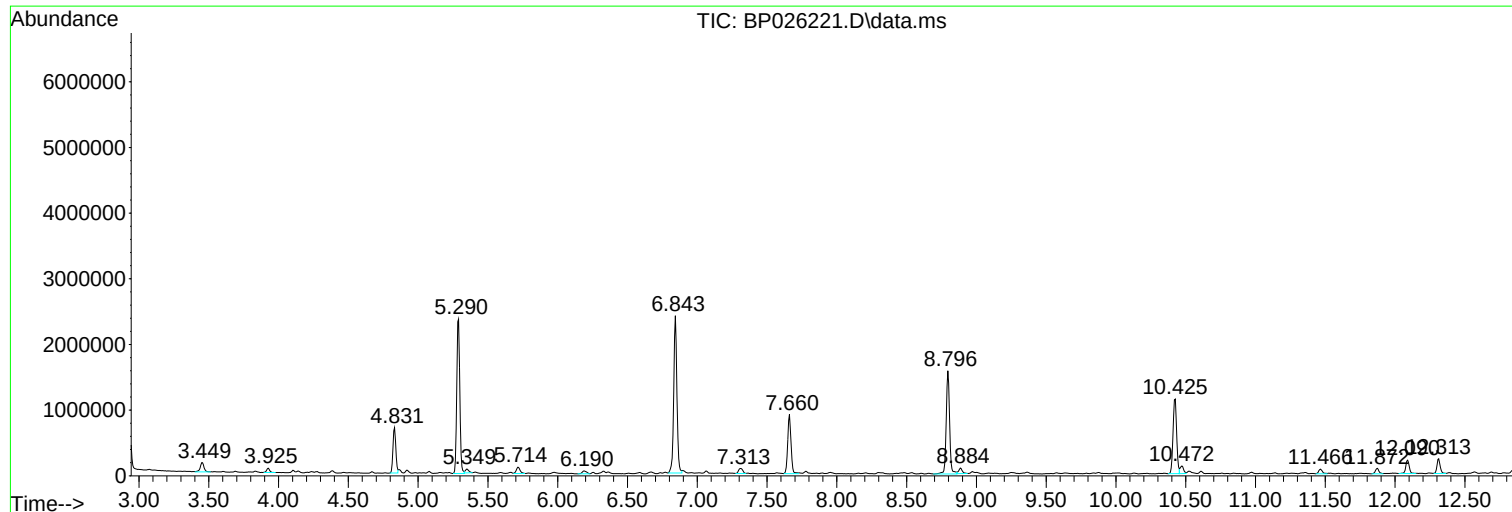
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026221.D
Acq On : 03 Dec 2025 00:06
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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\BP120225\
Data File : BP026221.D
Acq On : 03 Dec 2025 00:06
Operator : RC/JU
Sample : Q3742-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-13

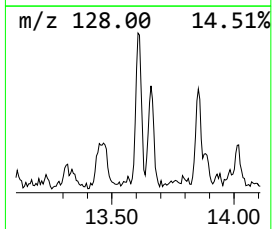
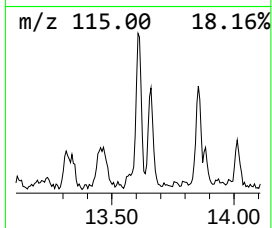
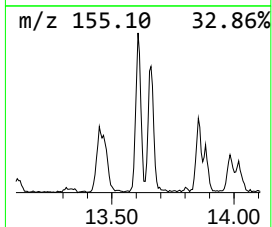
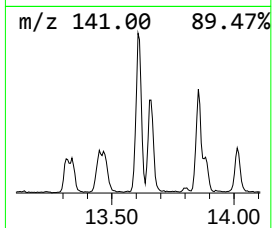
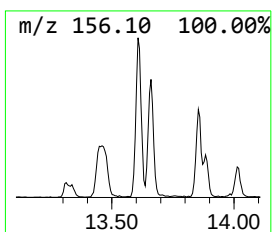
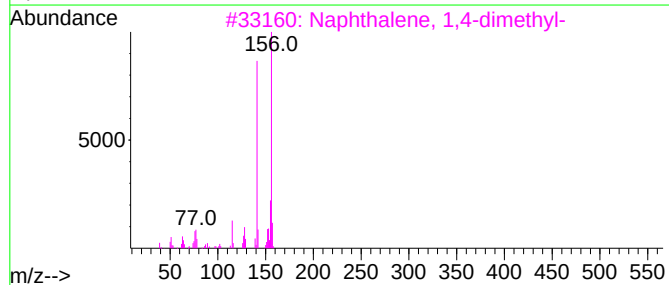
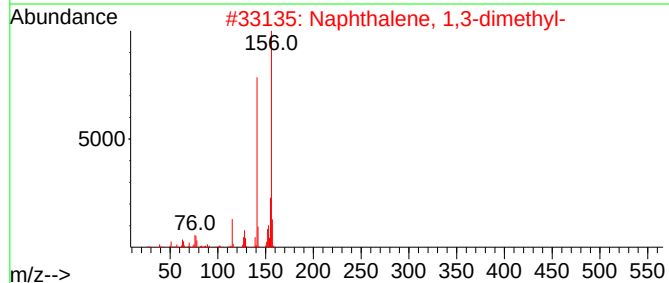
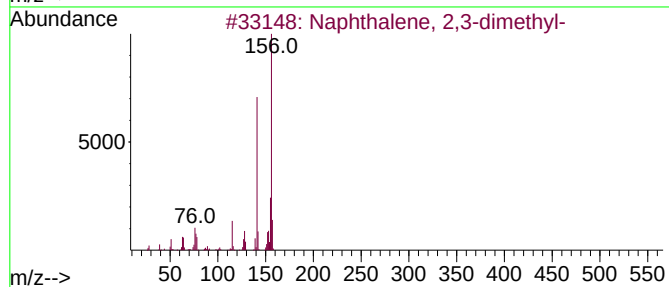
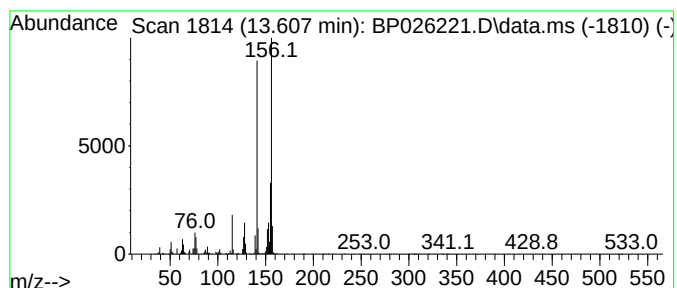
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.607	2.04 ng	273552	Acenaphthene-d10	14.295

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026221.D
Acq On : 03 Dec 2025 00:06
Operator : RC/JU
Sample : Q3742-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-13

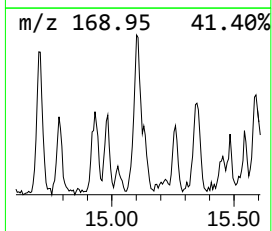
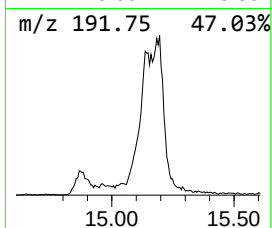
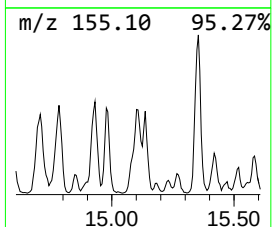
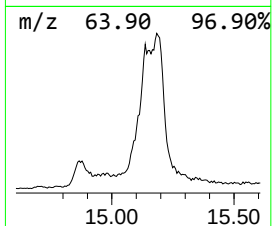
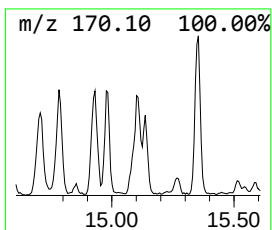
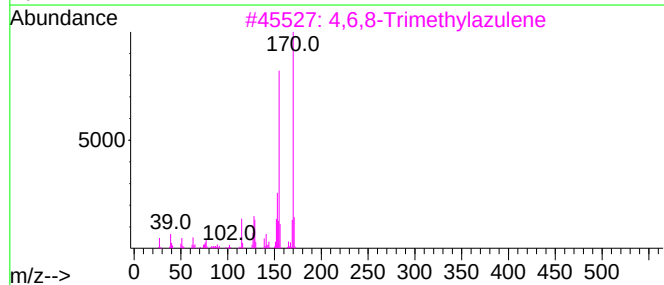
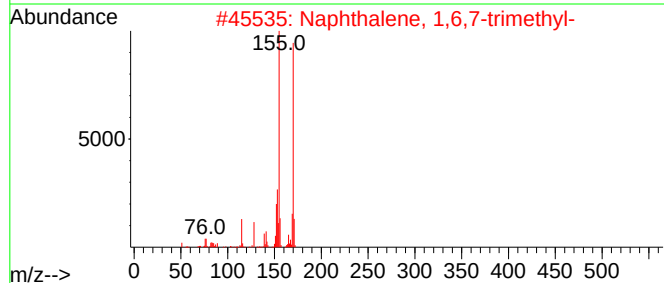
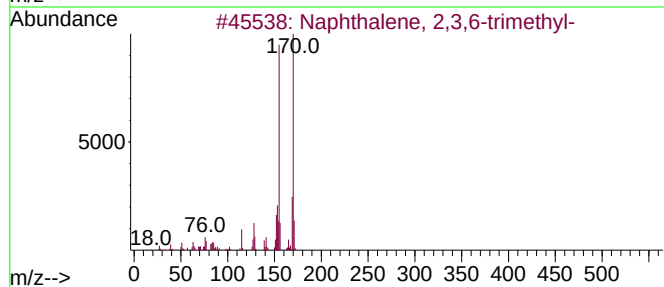
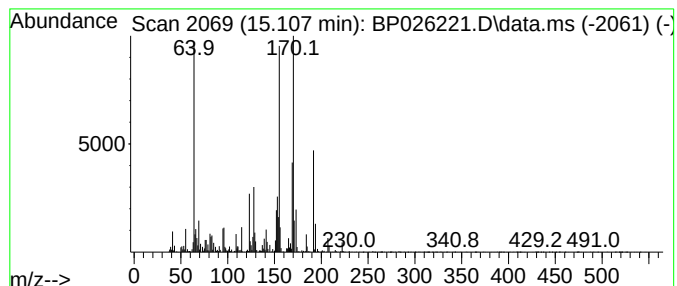
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.107	2.19 ng	293486	Acenaphthene-d10	14.295

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
3			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	51
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	51
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026221.D
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Operator : RC/JU
Sample : Q3742-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-13

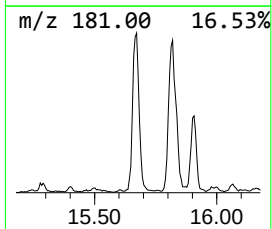
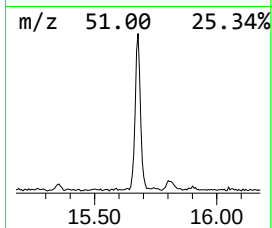
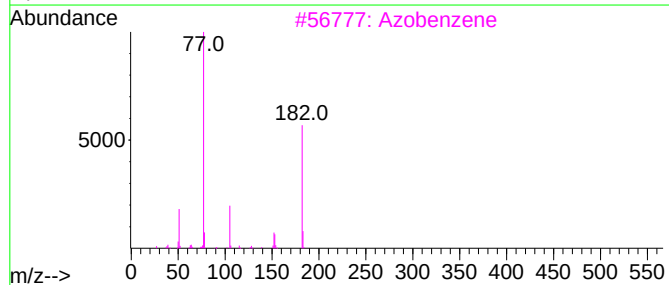
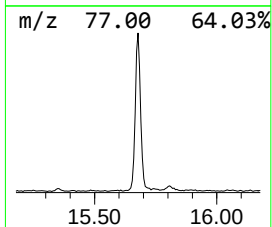
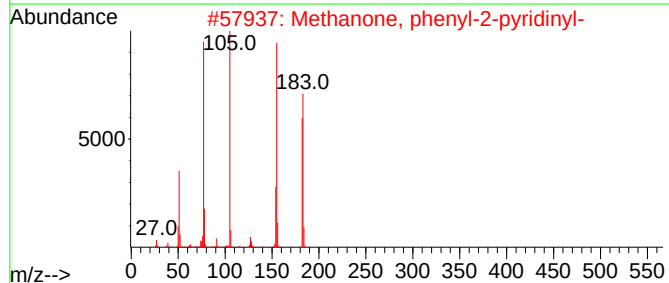
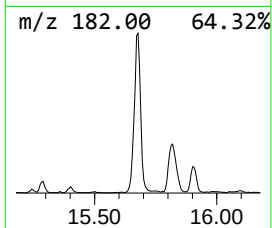
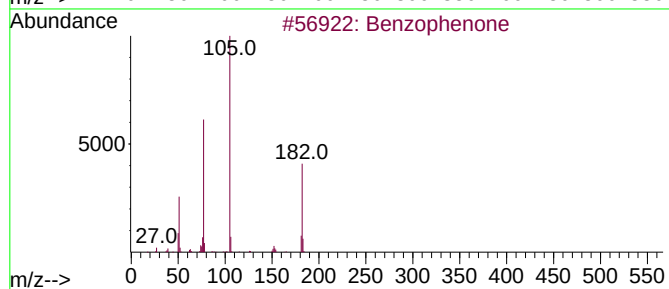
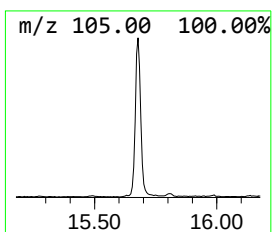
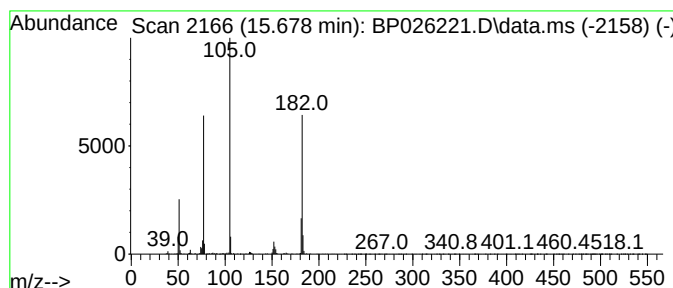
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.678	5.00 ng	669682	Acenaphthene-d10	14.295

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzophenone	182	C13H10O	000119-61-9	95
2		Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
3		Azobenzene	182	C12H10N2	000103-33-3	43
4		Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
5		9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026221.D
Acq On : 03 Dec 2025 00:06
Operator : RC/JU
Sample : Q3742-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

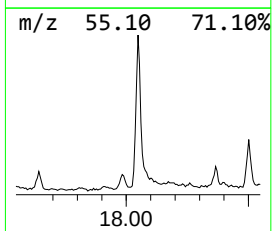
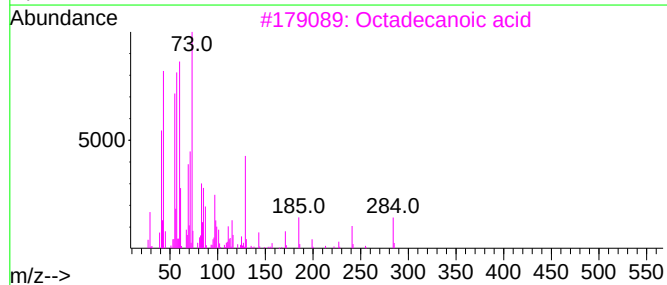
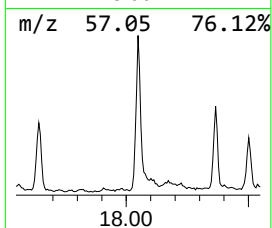
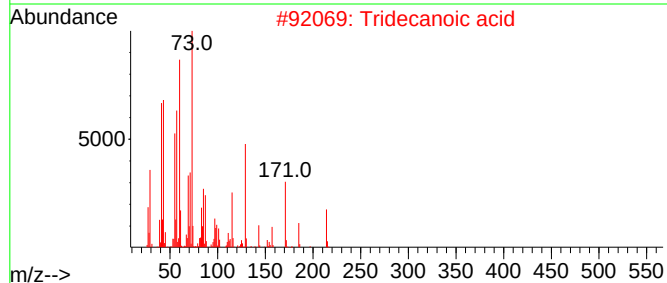
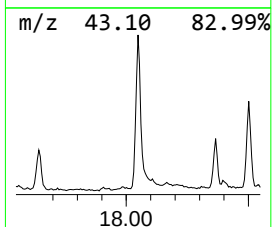
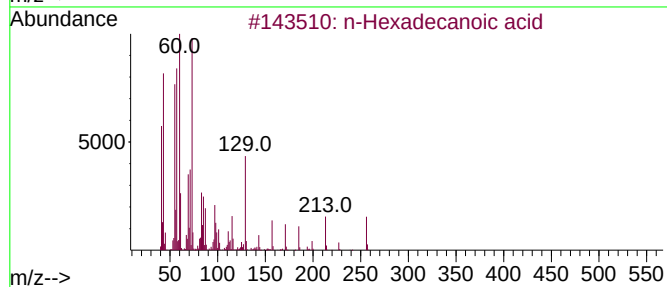
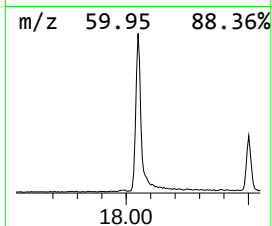
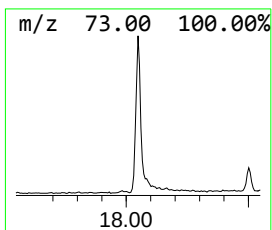
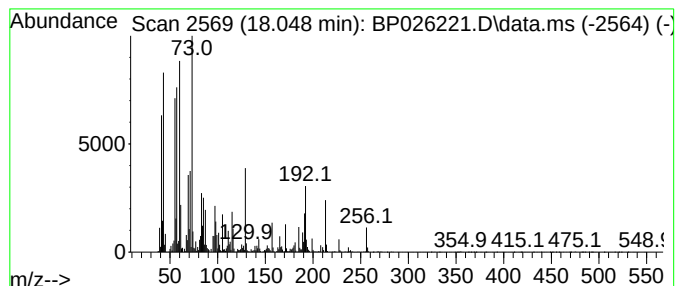
Instrument :
BNA_P
ClientSampleId :
SB-1125-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.048	8.98 ng	1356730	Phenanthrene-d10		17.095	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tridecanoic acid		214	C13H26O2	000638-53-9	95
3	Octadecanoic acid		284	C18H36O2	000057-11-4	90
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	90
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026221.D
Acq On : 03 Dec 2025 00:06
Operator : RC/JU
Sample : Q3742-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-13

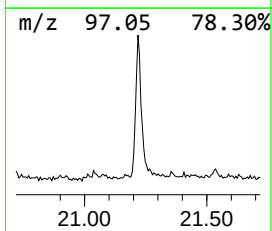
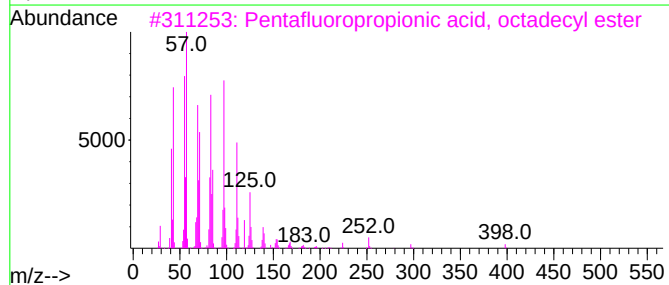
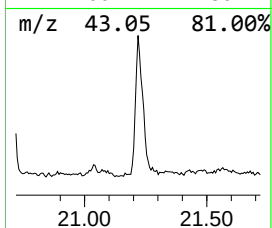
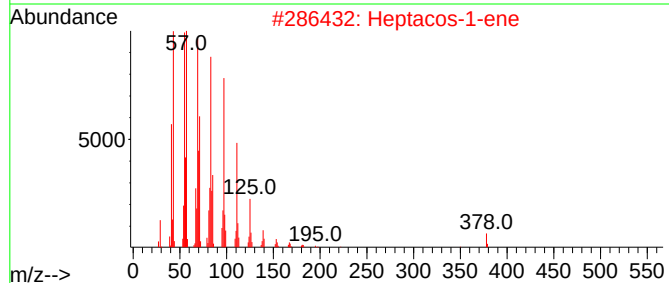
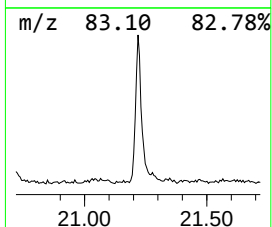
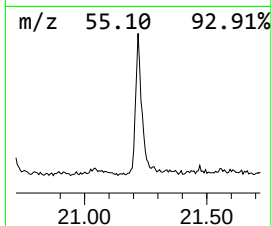
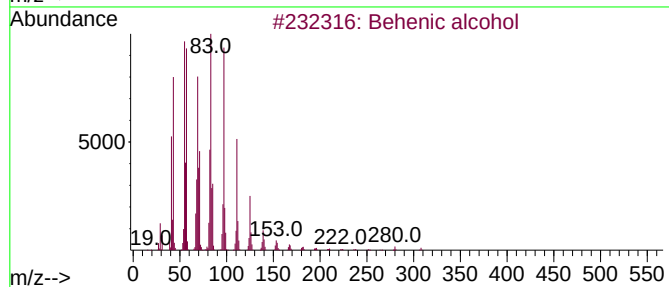
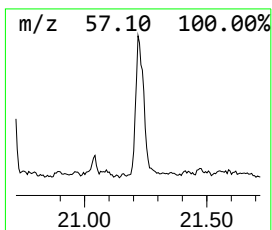
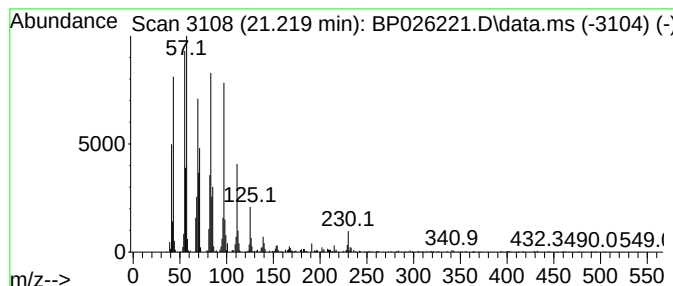
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.219	4.96 ng	997369	Chrysene-d12	21.530

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	95
2			Heptacos-1-ene	378	C27H54	015306-27-1	94
3			Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	94
4			Pentacos-1-ene	350	C25H50	016980-85-1	94
5			1-Hexacosene	364	C26H52	018835-33-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026221.D
Acq On : 03 Dec 2025 00:06
Operator : RC/JU
Sample : Q3742-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-13

A

B

C

D

E

F

G

H

I

J

K

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	13.607	2.0	ng	273552	3	14.295	2676250	20.0
Naphthalene, 2,...	15.107	2.2	ng	293486	3	14.295	2676250	20.0
Benzophenone	15.678	5.0	ng	669682	3	14.295	2676250	20.0
n-Hexadecanoic ...	18.048	9.0	ng	1356730	4	17.095	3020080	20.0
Behenic alcohol	21.219	5.0	ng	997369	5	21.530	4019130	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
 Data File : BF144403.D
 Acq On : 02 Dec 2025 15:20
 Operator : RC/JU
 Sample : Q3742-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-18

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025

Quant Time: Dec 02 15:40:49 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	43495	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	159428	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	84264	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	125123	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	107178	20.000	ng	0.00
86) Perylene-d12	15.527	264	138111	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	192837	69.379	ng	0.00
7) Phenol-d6	6.493	99	214899	68.236	ng	0.00
23) Nitrobenzene-d5	7.422	82	121391	43.976	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	58148	54.991	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	250733	43.947	ng	-0.01
79) Terphenyl-d14	12.980	244	223099	33.064	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	7.281	107	7113	2.783	ng	# 46
31) Naphthalene	8.163	128	15206	2.005	ng	99
71) Phenanthrene	11.416	178	13183	2.116	ng	# 92
75) Fluoranthene	12.610	202	21197	3.294	ng	93
78) Pyrene	12.839	202	23361	2.703	ng	# 93
88) Benzo(b)fluoranthene	15.092	252	17654m	2.248	ng	

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

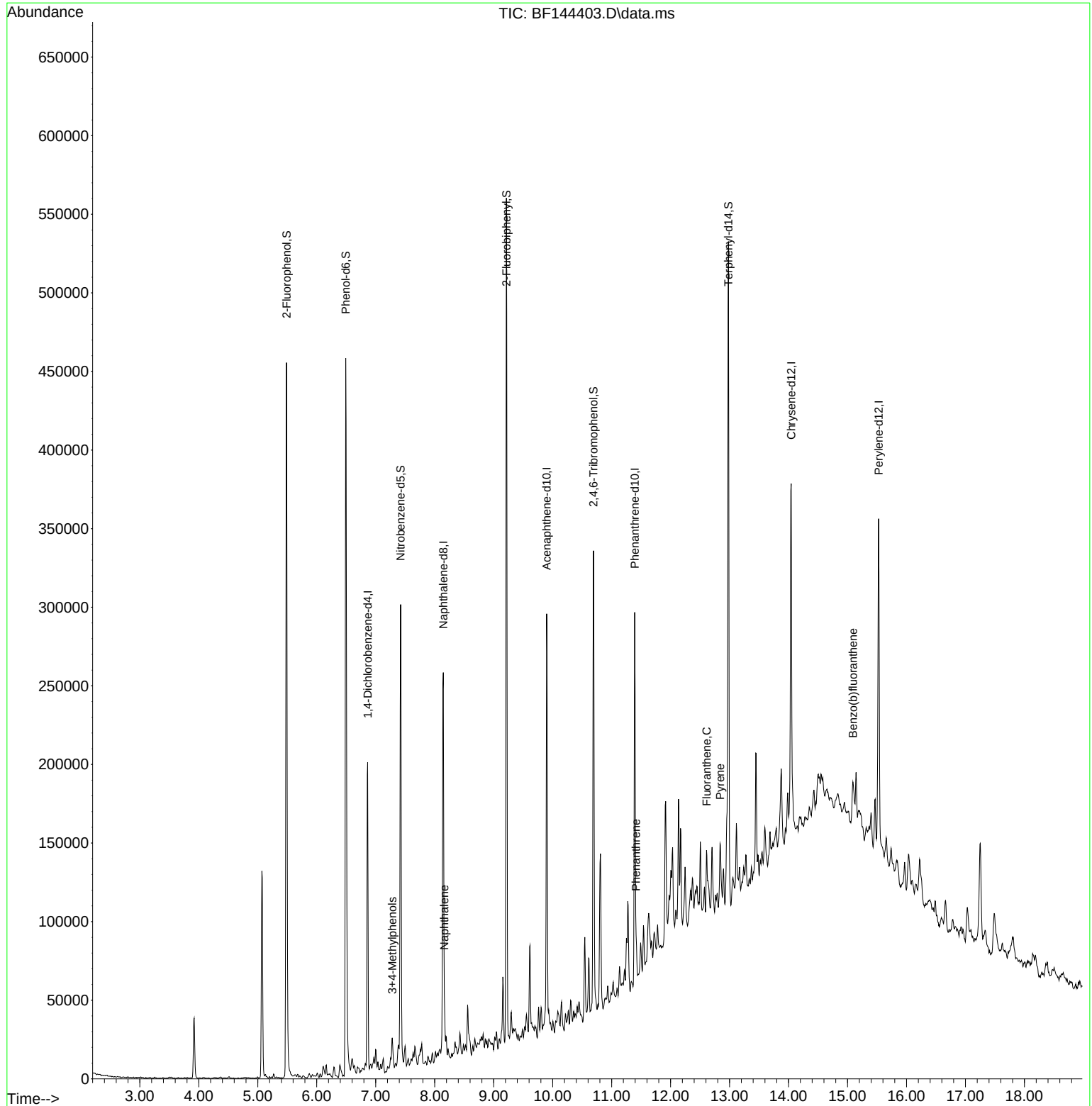
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Data File : BF144403.D
Acq On : 02 Dec 2025 15:20
Operator : RC/JU
Sample : Q3742-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

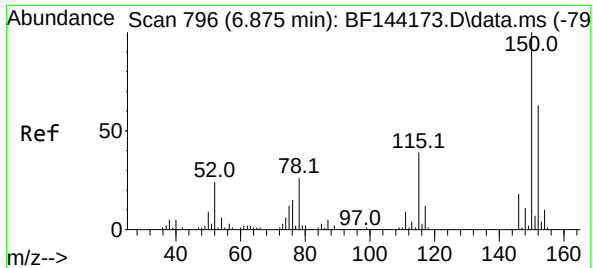
Instrument :
BNA_F
ClientSampleId :
SB-1125-18

Quant Time: Dec 02 15:40:49 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

Manual Integrations
APPROVED

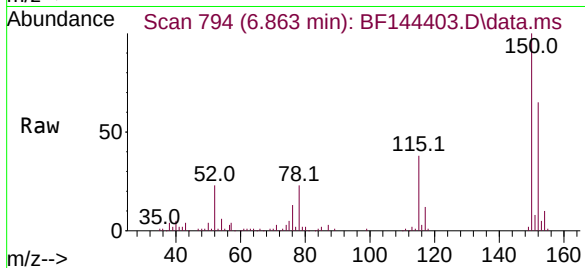
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144403.D
Acq: 02 Dec 2025 15:20

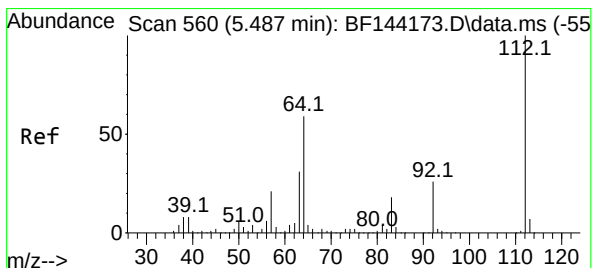
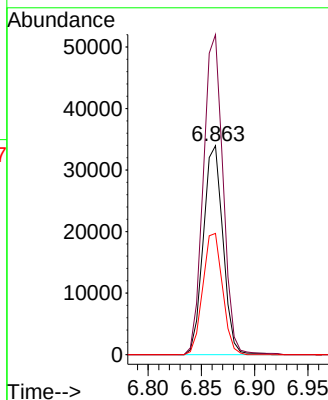
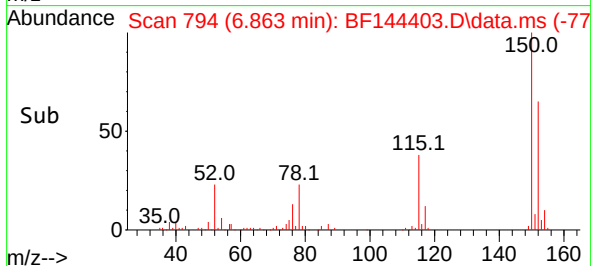
Instrument :
BNA_F
ClientSampleId :
SB-1125-18



Tgt Ion:152 Resp: 43495
Ion Ratio Lower Upper
152 100
150 153.2 127.4 191.0
115 58.1 49.5 74.3

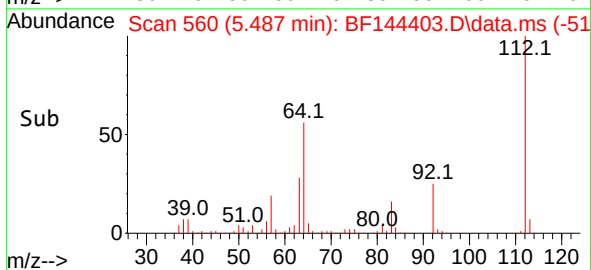
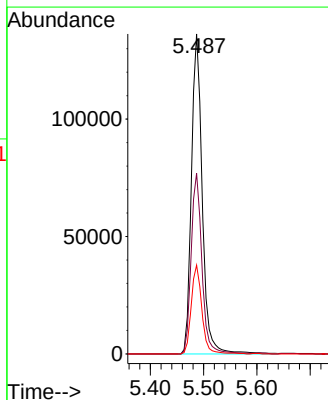
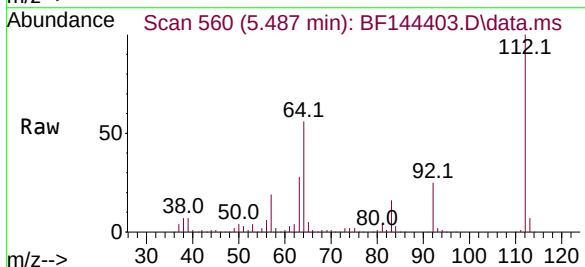
Manual Integrations
APPROVED

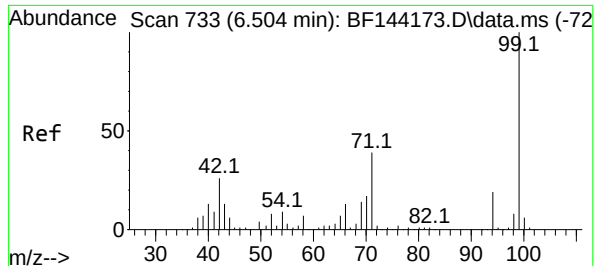
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#5
2-Fluorophenol
Concen: 69.379 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144403.D
Acq: 02 Dec 2025 15:20

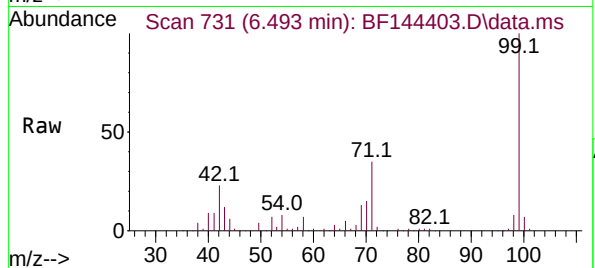
Tgt Ion:112 Resp: 192837
Ion Ratio Lower Upper
112 100
64 56.5 47.2 70.8
63 27.7 24.4 36.6





#7
Phenol-d6
Concen: 68.236 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF144403.D
Acq: 02 Dec 2025 15:20

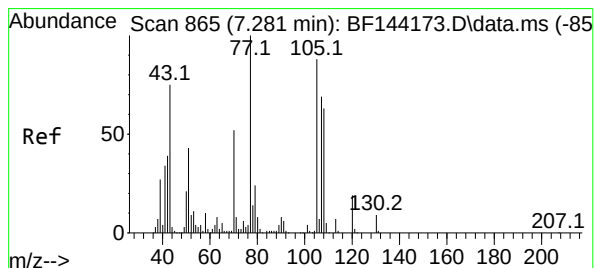
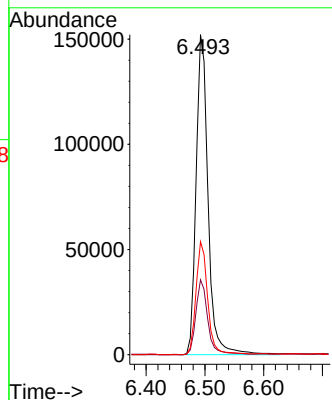
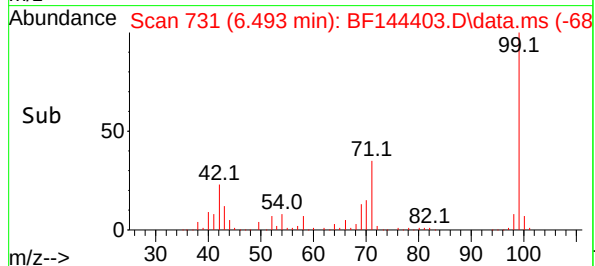
Instrument :
BNA_F
ClientSampleId :
SB-1125-18



Tgt Ion: 99 Resp: 214899
Ion Ratio Lower Upper
99 100
42 23.4 20.9 31.3
71 35.3 31.4 47.2

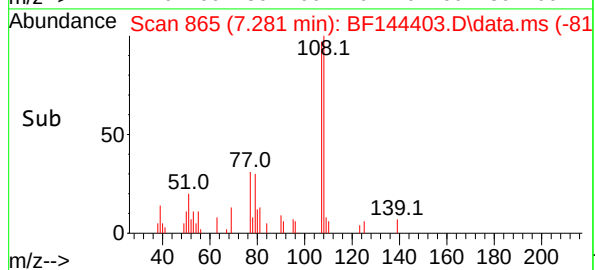
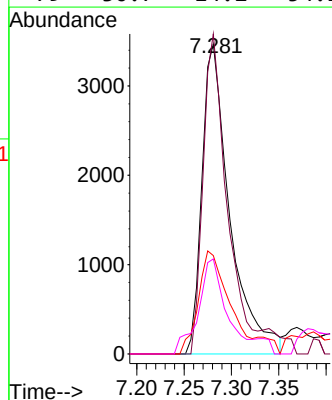
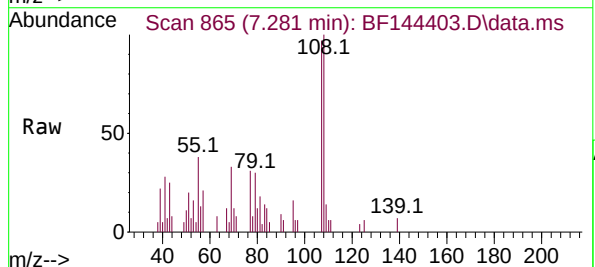
Manual Integrations
APPROVED

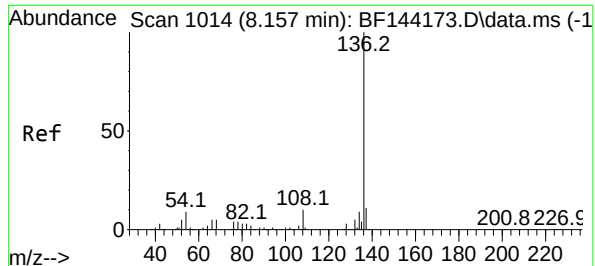
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#20
3+4-Methylphenols
Concen: 2.783 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144403.D
Acq: 02 Dec 2025 15:20

Tgt Ion:107 Resp: 7113
Ion Ratio Lower Upper
107 100
108 103.3 70.2 110.2
77 31.7 123.9 163.9#
79 30.7 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BF144403.D

Acq: 02 Dec 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SB-1125-18

Tgt Ion:136 Resp: 159428

Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 8.2 7.0 10.6

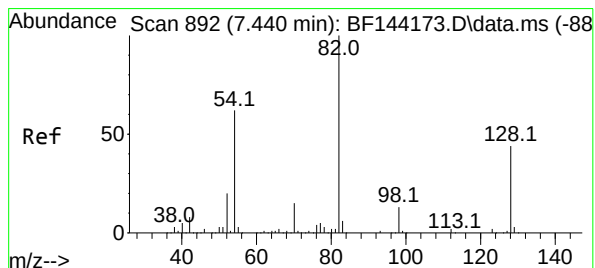
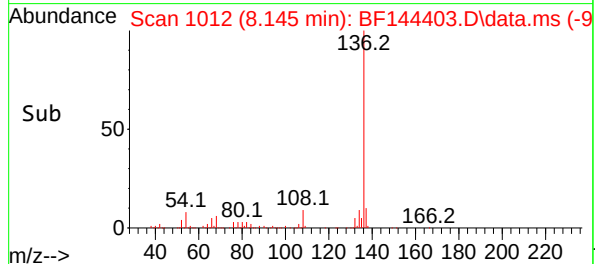
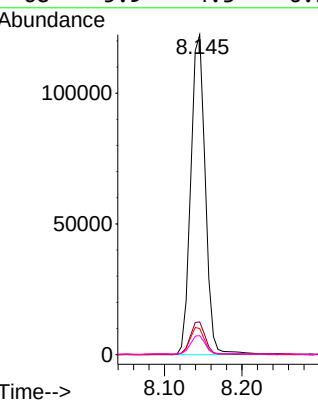
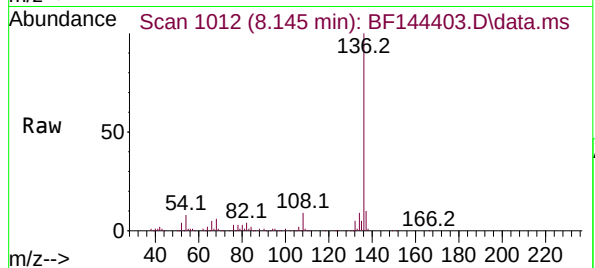
68 5.9 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#23

Nitrobenzene-d5

Concen: 43.976 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF144403.D

Acq: 02 Dec 2025 15:20

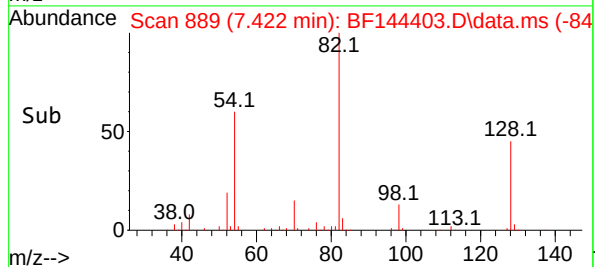
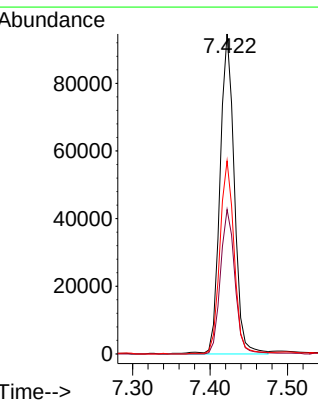
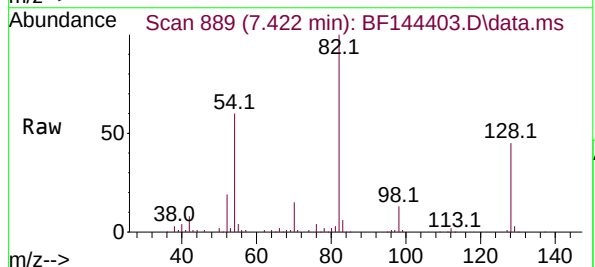
Tgt Ion: 82 Resp: 121391

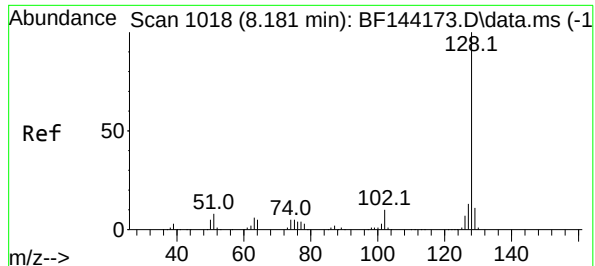
Ion Ratio Lower Upper

82 100

128 45.2 34.7 52.1

54 60.3 49.5 74.3





#31

Naphthalene

Concen: 2.005 ng

RT: 8.163 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF144403.D

Acq: 02 Dec 2025 15:20

Instrument :

BNA_F

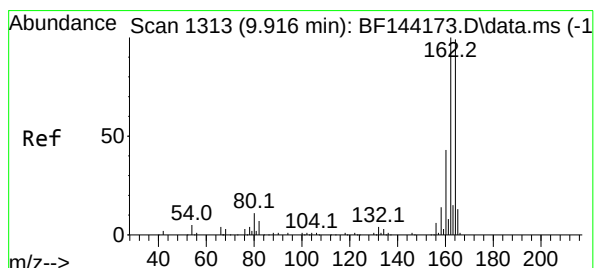
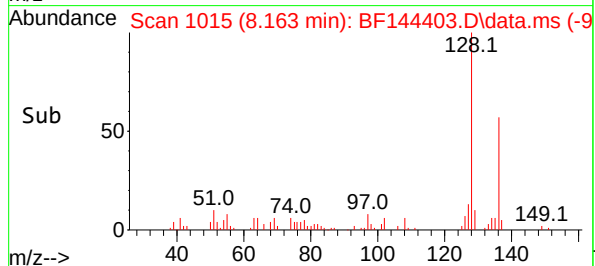
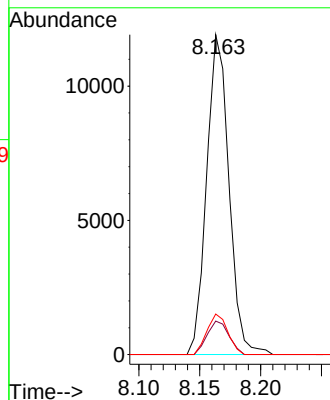
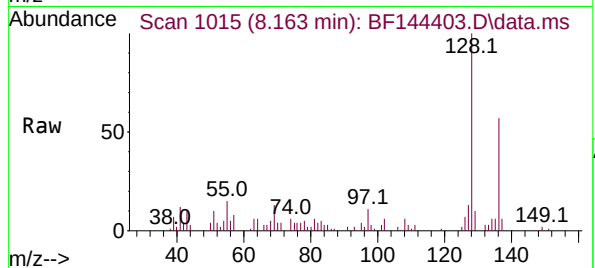
ClientSampleId :

SB-1125-18

Tgt Ion:128	Resp:	15206
Ion Ratio	Lower	Upper
128	100	
129	10.5	8.9 13.3
127	12.7	10.3 15.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#39

Acenaphthene-d10

Concen: 20.000 ng

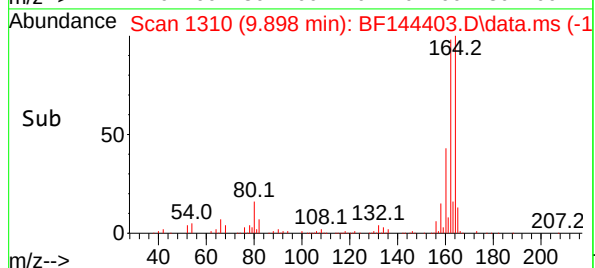
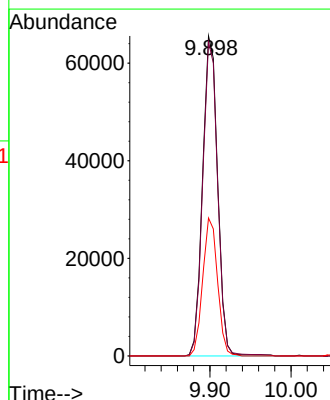
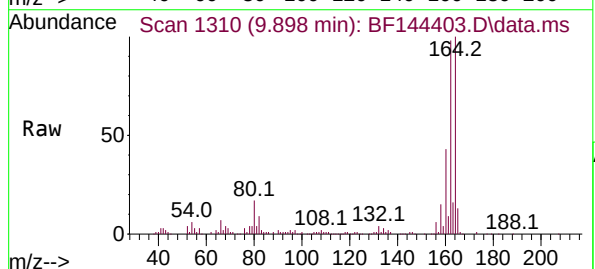
RT: 9.898 min Scan# 1310

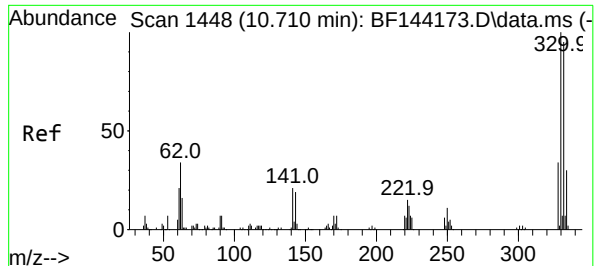
Delta R.T. -0.018 min

Lab File: BF144403.D

Acq: 02 Dec 2025 15:20

Tgt Ion:164	Resp:	84264
Ion Ratio	Lower	Upper
164	100	
162	98.1	81.1 121.7
160	43.1	34.5 51.7





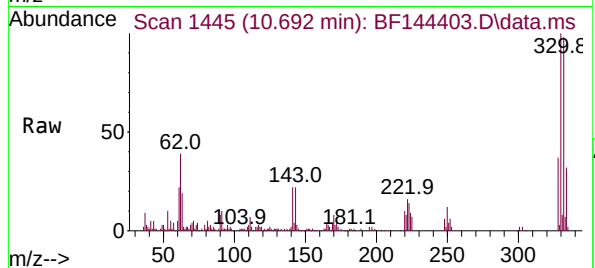
#42
2,4,6-Tribromophenol
Concen: 54.991 ng
RT: 10.692 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF144403.D
Acq: 02 Dec 2025 15:20

Instrument :

BNA_F

ClientSampleId :

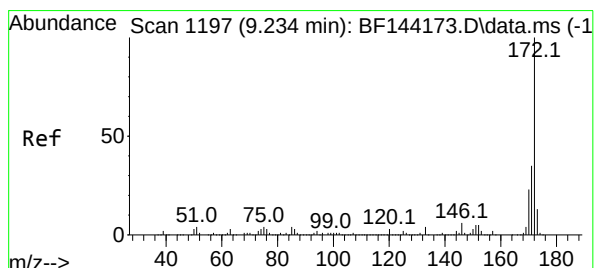
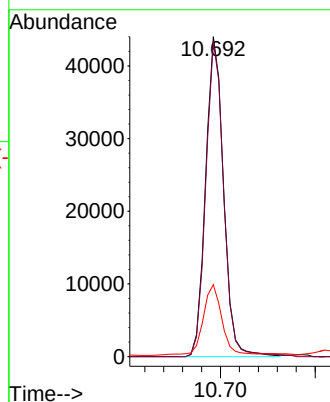
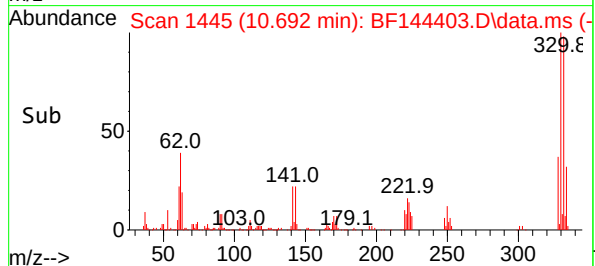
SB-1125-18



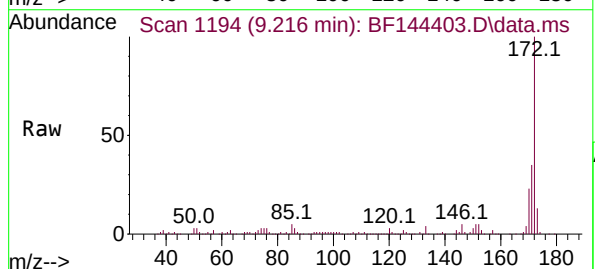
Tgt Ion: 330 Resp: 58148
Ion Ratio Lower Upper
330 100
332 97.9 76.7 115.1
141 23.3 17.8 26.8

Manual Integrations
APPROVED

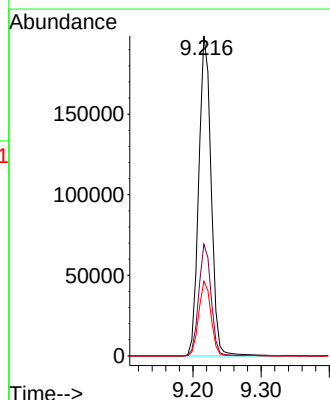
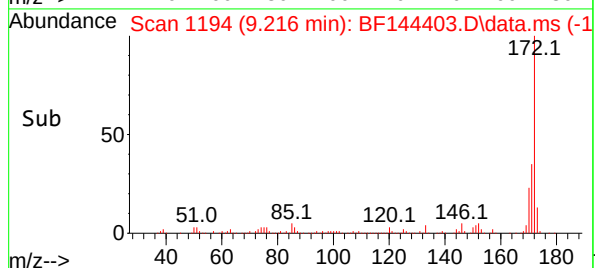
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

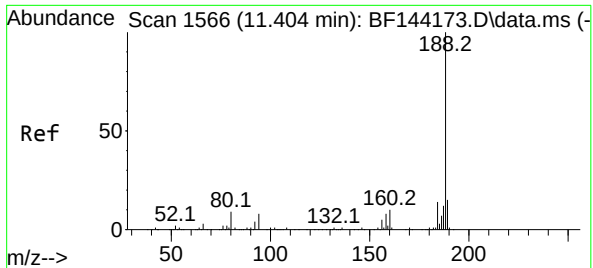


#45
2-Fluorobiphenyl
Concen: 43.947 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144403.D
Acq: 02 Dec 2025 15:20



Tgt Ion: 172 Resp: 250733
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.3 18.6 28.0





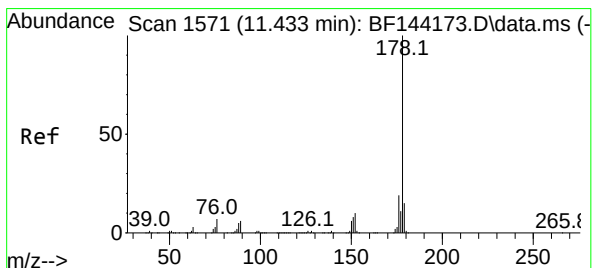
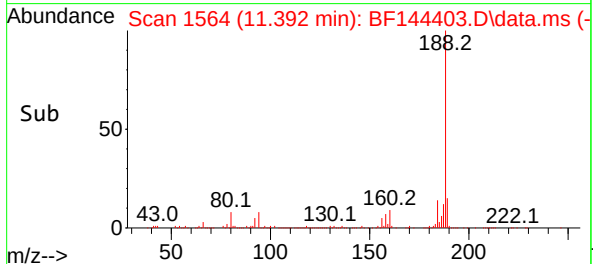
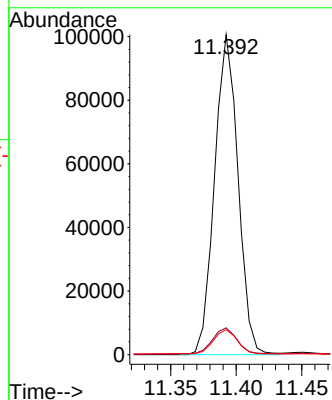
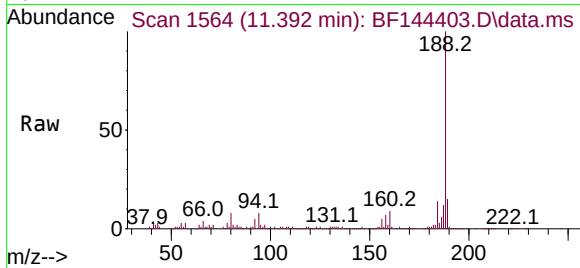
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144403.D
Acq: 02 Dec 2025 15:20

Instrument :
BNA_F
ClientSampleId :
SB-1125-18

Tgt Ion:188 Resp: 125123
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 7.8 6.9 10.3

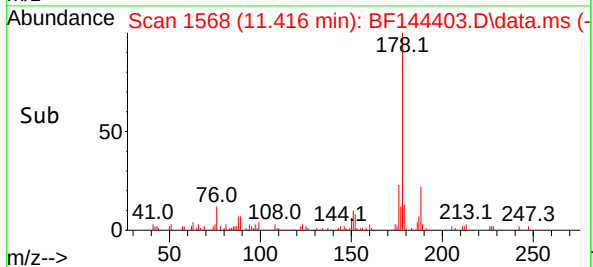
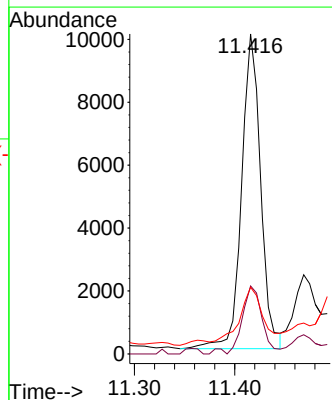
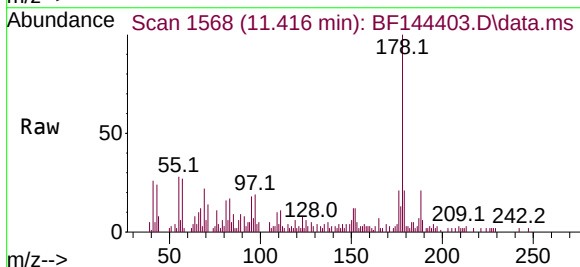
Manual Integrations
APPROVED

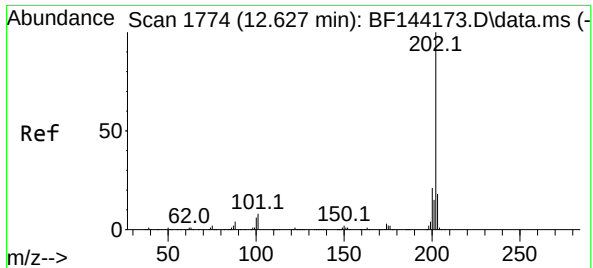
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#71
Phenanthrene
Concen: 2.116 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF144403.D
Acq: 02 Dec 2025 15:20

Tgt Ion:178 Resp: 13183
Ion Ratio Lower Upper
178 100
176 21.2 15.5 23.3
179 20.8 12.2 18.4#





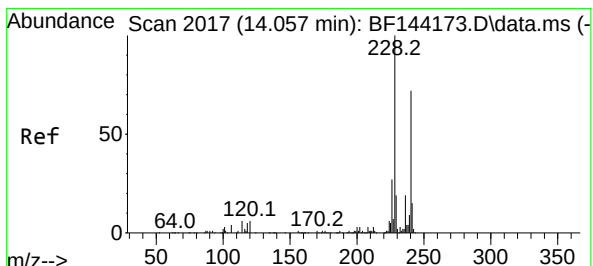
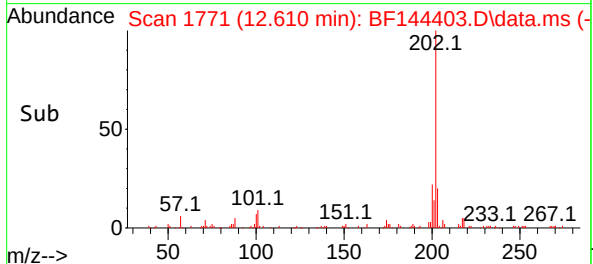
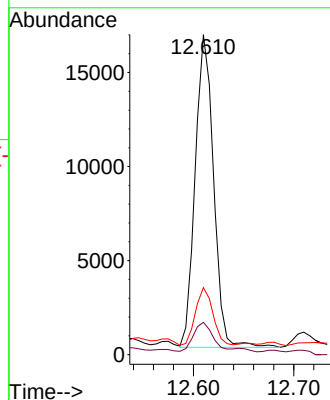
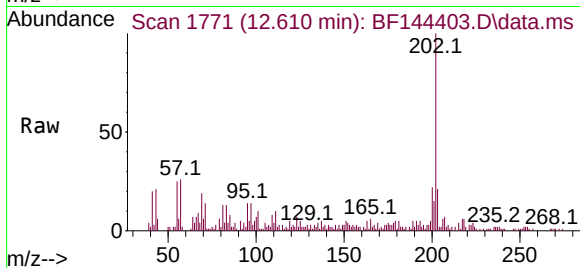
#75
Fluoranthene
Concen: 3.294 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144403.D
Acq: 02 Dec 2025 15:20

Instrument :
BNA_F
ClientSampleId :
SB-1125-18

Tgt Ion:202 Resp: 21197
Ion Ratio Lower Upper
202 100
101 10.1 0.0 27.9
203 20.9 0.0 37.5

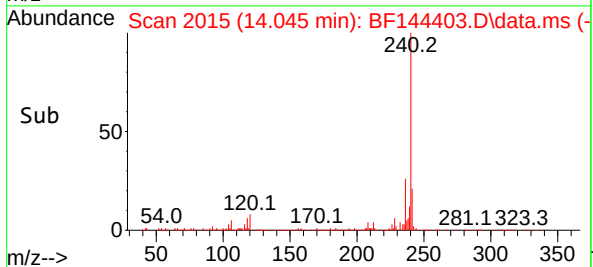
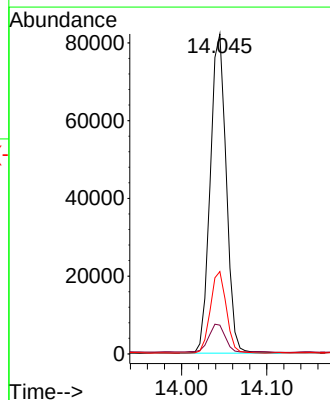
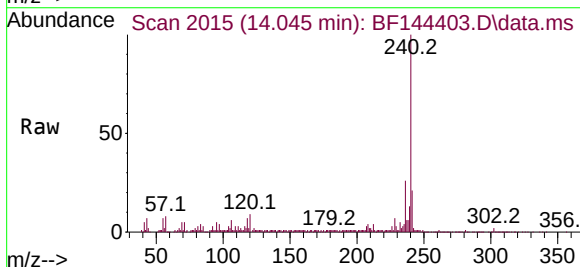
Manual Integrations
APPROVED

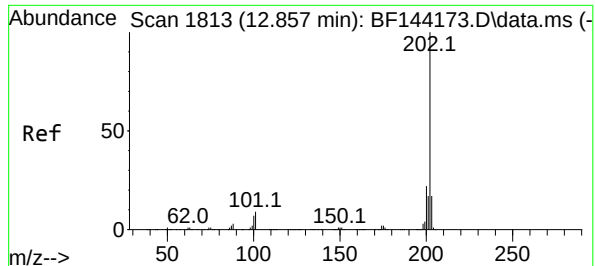
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144403.D
Acq: 02 Dec 2025 15:20

Tgt Ion:240 Resp: 107178
Ion Ratio Lower Upper
240 100
120 9.0 6.6 10.0
236 25.7 21.4 32.2





#78

Pyrene

Concen: 2.703 ng

RT: 12.839 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF144403.D

Acq: 02 Dec 2025 15:20

Instrument :

BNA_F

ClientSampleId :

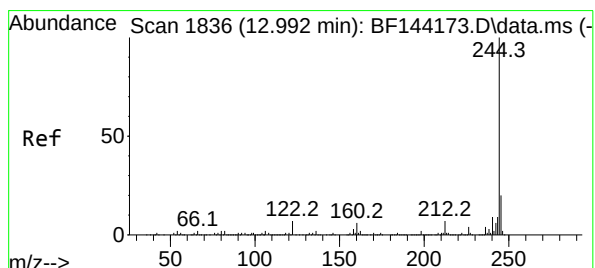
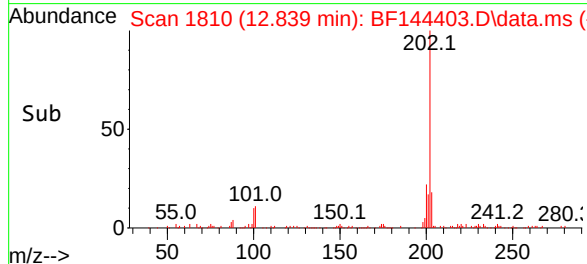
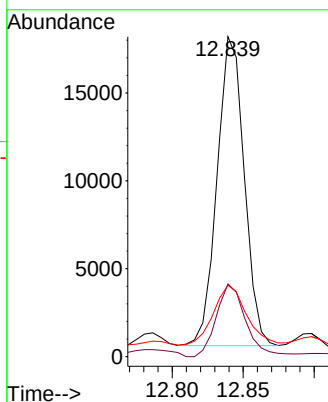
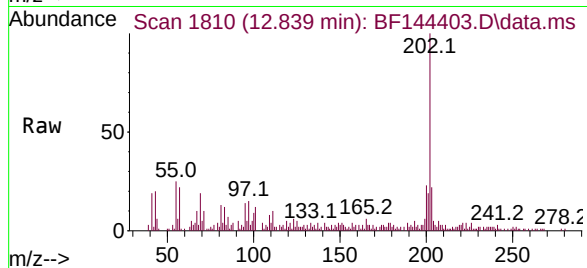
SB-1125-18

Tgt Ion:	202	Resp:	2336
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.2	25.8
203	22.3	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#79

Terphenyl-d14

Concen: 33.064 ng

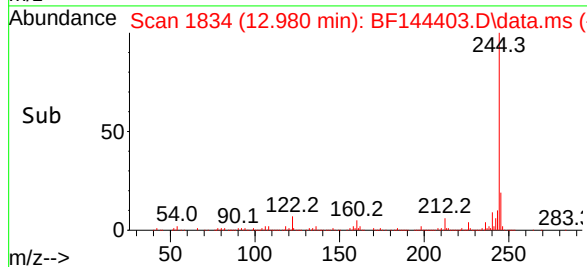
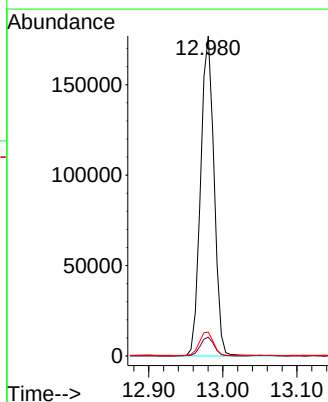
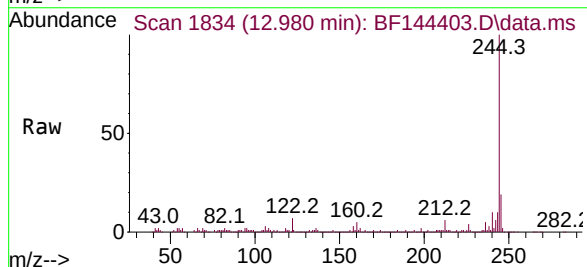
RT: 12.980 min Scan# 1834

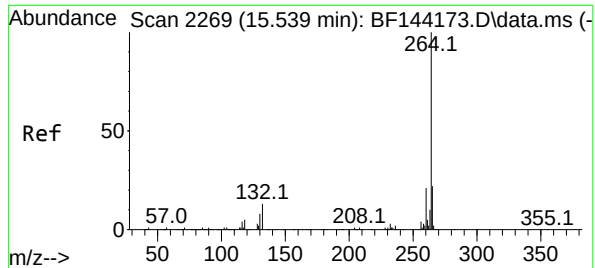
Delta R.T. -0.012 min

Lab File: BF144403.D

Acq: 02 Dec 2025 15:20

Tgt Ion:	244	Resp:	223099
Ion Ratio	Lower	Upper	
244	100		
212	5.9	5.3	7.9
122	7.4	5.6	8.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 211

Delta R.T. -0.012 min

Lab File: BF144403.D

Acq: 02 Dec 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SB-1125-18

Tgt Ion:264 Resp: 13811

Ion Ratio Lower Upper

264 100

260 21.9 17.1 25.7

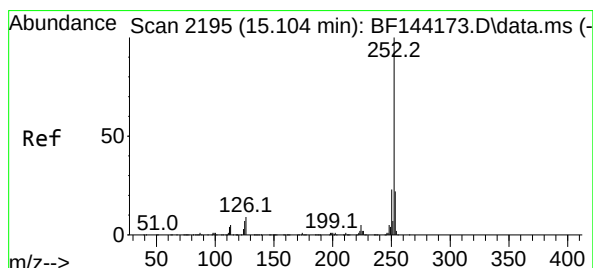
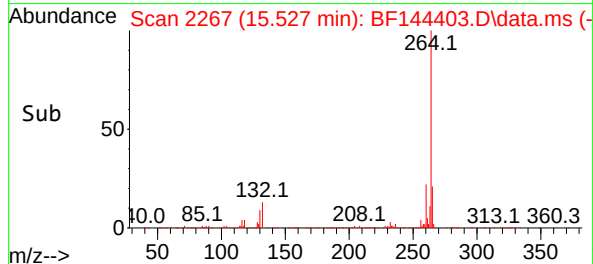
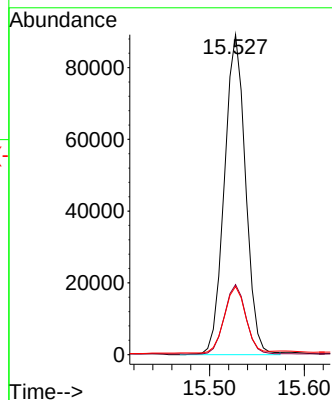
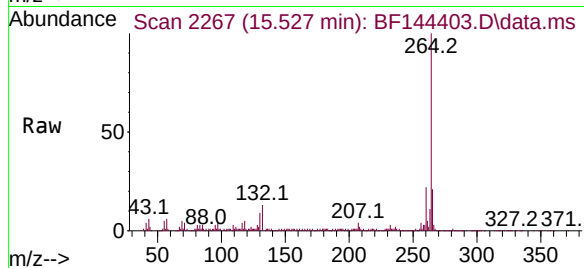
265 21.3 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#88

Benzo(b)fluoranthene

Concen: 2.248 ng m

RT: 15.092 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144403.D

Acq: 02 Dec 2025 15:20

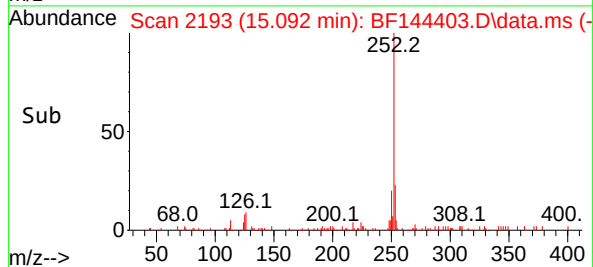
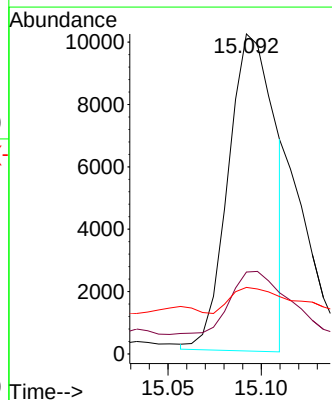
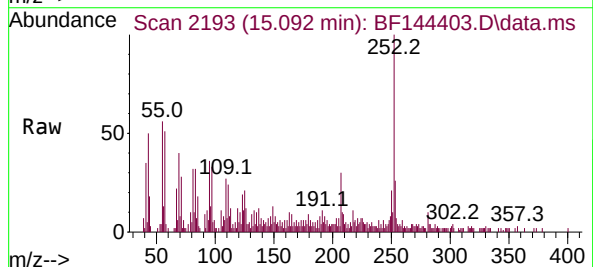
Tgt Ion:252 Resp: 17654

Ion Ratio Lower Upper

252 100

253 25.6 17.4 26.2

125 20.8 5.3 7.9#



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144403.D
Acq On : 02 Dec 2025 15:20
Operator : RC/JU
Sample : Q3742-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-18

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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: BF144403.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.922	288	294	307	rVB	38177	63527	9.54%	0.831%
2	5.069	482	489	496	rBV	131524	192766	28.94%	2.523%
3	5.487	555	560	577	rVB	453806	627710	94.25%	8.215%
4	6.110	660	666	671	rBV5	6681	13778	2.07%	0.180%
5	6.163	671	675	679	rVB	6545	8482	1.27%	0.111%
6	6.293	692	697	701	rBV3	6634	11006	1.65%	0.144%
7	6.393	710	714	722	rBV5	8066	17720	2.66%	0.232%
8	6.493	726	731	745	rBV	456839	657167	98.67%	8.601%
9	6.598	745	749	753	rVV5	7722	14419	2.16%	0.189%
10	6.634	753	755	761	rVB4	5023	7450	1.12%	0.098%
11	6.863	789	794	799	rVB	195141	250016	37.54%	3.272%
12	6.969	806	812	815	rBV5	6896	12188	1.83%	0.160%
13	6.998	815	817	821	rVB	11150	12894	1.94%	0.169%
14	7.128	835	839	843	rVB4	9157	14056	2.11%	0.184%
15	7.251	856	860	861	rVV3	7081	8334	1.25%	0.109%
16	7.281	861	865	871	rVB2	18984	32998	4.95%	0.432%
17	7.387	877	883	885	rBV4	13081	23652	3.55%	0.310%
18	7.422	885	889	897	rVV	293308	380186	57.08%	4.976%
19	7.498	897	902	906	rVB4	12790	21341	3.20%	0.279%
20	7.551	906	911	914	rBV6	4718	7339	1.10%	0.096%
21	7.663	927	930	938	rVB6	11420	21195	3.18%	0.277%
22	7.781	947	950	957	rVB6	12643	16415	2.46%	0.215%
23	7.887	964	968	972	rBV5	5502	9593	1.44%	0.126%
24	7.957	976	980	984	rBV5	6607	9394	1.41%	0.123%
25	8.016	985	990	992	rBV5	6845	10350	1.55%	0.135%
26	8.145	1005	1012	1019	rBV	242045	351765	52.81%	4.604%
27	8.228	1024	1026	1033	rVB7	5649	7022	1.05%	0.092%
28	8.345	1043	1046	1048	rBV2	6755	8159	1.23%	0.107%
29	8.428	1057	1060	1066	rVB5	13539	19454	2.92%	0.255%
30	8.487	1067	1070	1073	rBV5	5907	7655	1.15%	0.100%
31	8.557	1079	1082	1093	rVB3	31841	63797	9.58%	0.835%
32	8.681	1100	1103	1108	rBV6	7222	11271	1.69%	0.148%
33	8.922	1141	1144	1150	rBV7	5047	10287	1.54%	0.135%
34	9.016	1157	1160	1163	rBV3	8121	12373	1.86%	0.162%
35	9.051	1163	1166	1169	rVB2	10860	12934	1.94%	0.169%
36	9.098	1170	1174	1176	rBV3	6287	9474	1.42%	0.124%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144403.D
Acq On : 02 Dec 2025 15:20
Operator : RC/JU
Sample : Q3742-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-18

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.157	1177	1184	1189	rVV	42297	61247	9.20%	0.802%
38	9.216	1189	1194	1200	rBV	537045	666040	100.00%	8.717%
39	9.298	1203	1208	1212	rBV3	16445	27622	4.15%	0.362%
40	9.557	1249	1252	1257	rVB3	11080	15951	2.39%	0.209%
41	9.616	1257	1262	1265	rBV3	55111	78838	11.84%	1.032%
42	9.763	1283	1287	1290	rBV2	19805	25432	3.82%	0.333%
43	9.804	1291	1294	1298	rVB2	14448	20721	3.11%	0.271%
44	9.898	1305	1310	1315	rBV	255484	320454	48.11%	4.194%
45	10.151	1349	1353	1360	rVB4	18395	31668	4.75%	0.414%
46	10.216	1361	1364	1367	rBV3	10401	15212	2.28%	0.199%
47	10.304	1376	1379	1385	rBV7	14464	23653	3.55%	0.310%
48	10.545	1415	1420	1426	rBV	53230	82897	12.45%	1.085%
49	10.610	1428	1431	1435	rVB	34464	45748	6.87%	0.599%
50	10.692	1440	1445	1455	rVV	294821	400827	60.18%	5.246%
51	10.810	1459	1465	1473	rVB2	99088	169975	25.52%	2.225%
52	11.251	1537	1540	1542	rBV	27553	37940	5.70%	0.497%
53	11.275	1542	1544	1551	rVB	57300	78688	11.81%	1.030%
54	11.392	1559	1564	1572	rBV	238168	339042	50.90%	4.437%
55	11.539	1586	1589	1594	rBV	28600	39516	5.93%	0.517%
56	11.916	1648	1653	1659	rBV2	87624	147394	22.13%	1.929%
57	12.133	1686	1690	1693	rBV	76723	104365	15.67%	1.366%
58	12.169	1694	1696	1702	rVB2	60945	75835	11.39%	0.992%
59	12.504	1750	1753	1758	rVB2	43722	52831	7.93%	0.691%
60	12.610	1768	1771	1782	rBV2	39450	85580	12.85%	1.120%
61	12.704	1784	1787	1794	rVB3	41379	65362	9.81%	0.855%
62	12.839	1808	1810	1816	rVB	34102	47014	7.06%	0.615%
63	12.980	1826	1834	1841	rVB	422377	630120	94.61%	8.247%
64	13.116	1854	1857	1863	rBV	37386	46771	7.02%	0.612%
65	13.445	1910	1913	1917	rVB	69384	85577	12.85%	1.120%
66	14.045	2010	2015	2028	rVB	219631	355825	53.42%	4.657%
67	15.527	2262	2267	2283	rVB	215006	372198	55.88%	4.871%
68	17.251	2555	2560	2567	rVB4	60979	132303	19.86%	1.732%

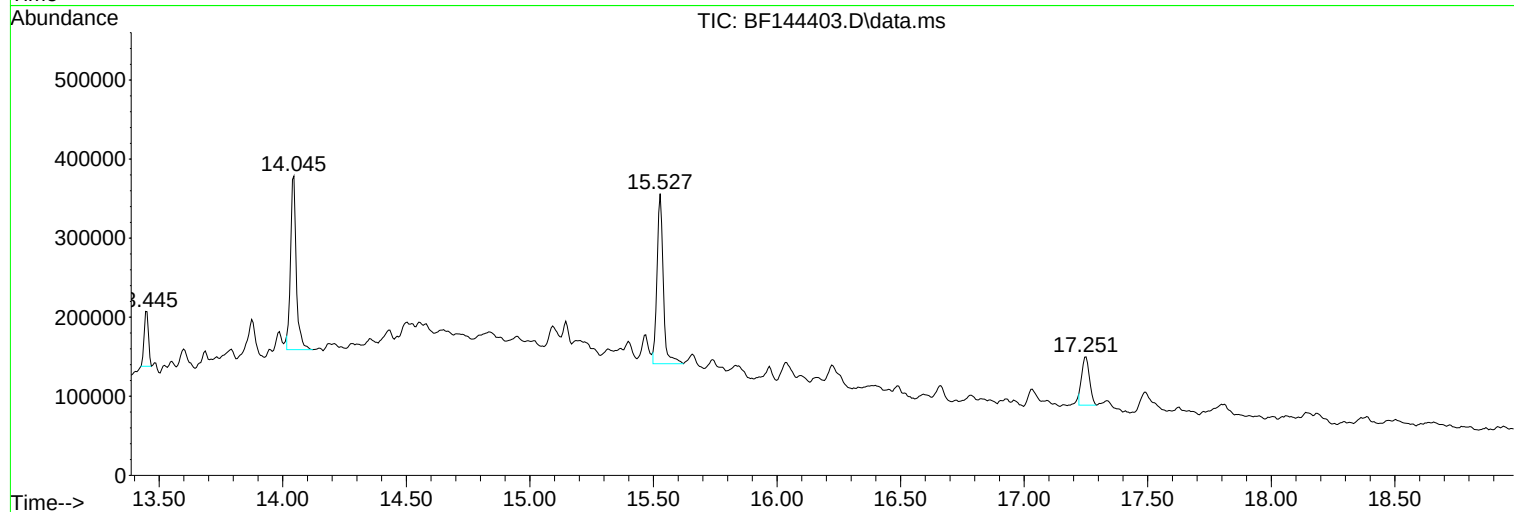
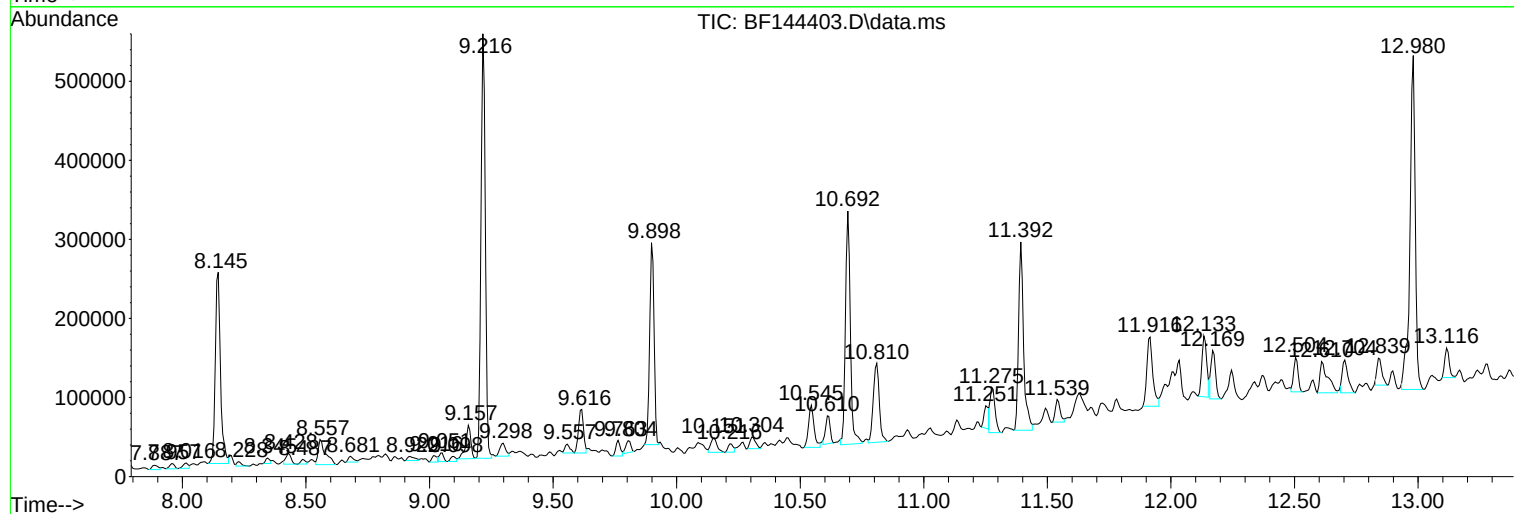
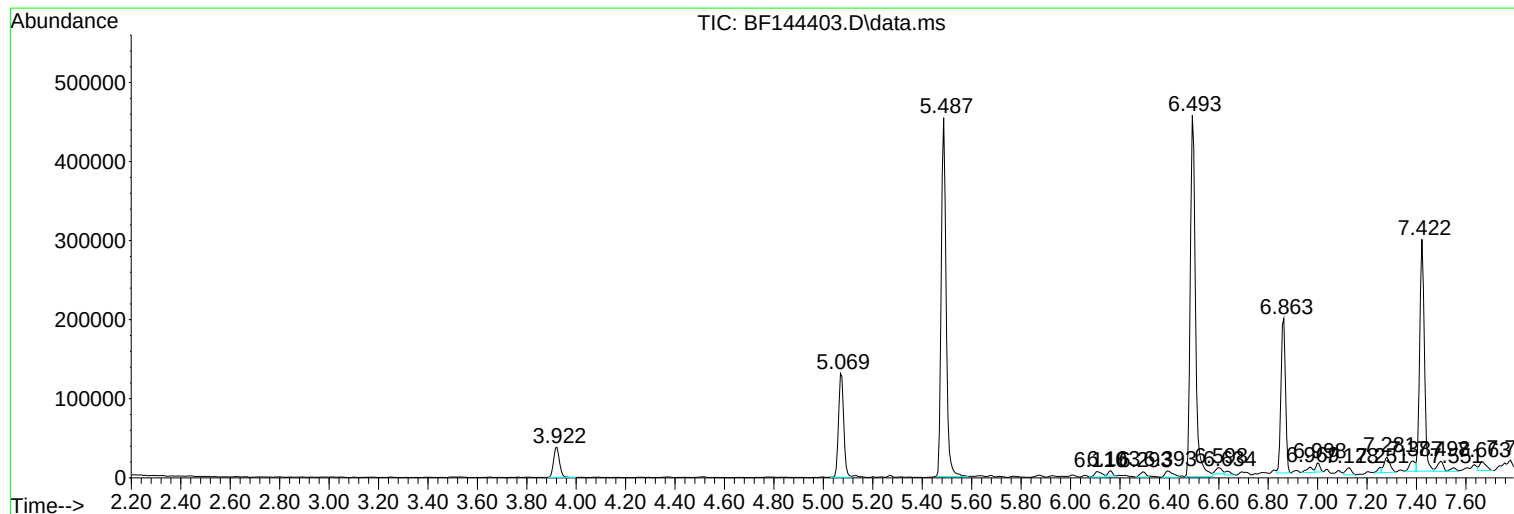
Sum of corrected areas: 7640813

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144403.D
Acq On : 02 Dec 2025 15:20
Operator : RC/JU
Sample : Q3742-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-18

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144403.D
Acq On : 02 Dec 2025 15:20
Operator : RC/JU
Sample : Q3742-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-18

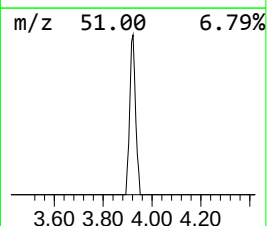
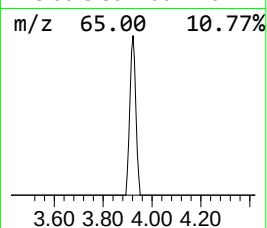
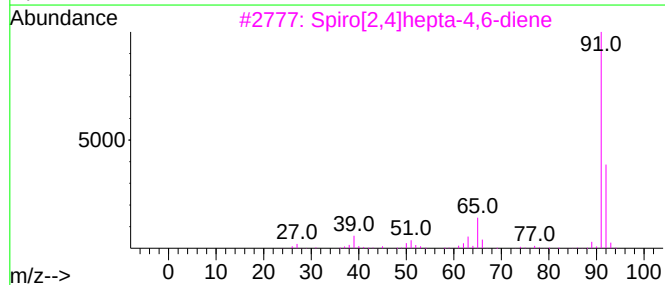
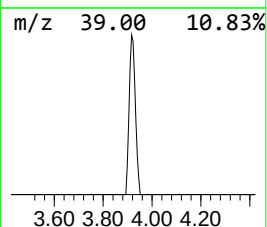
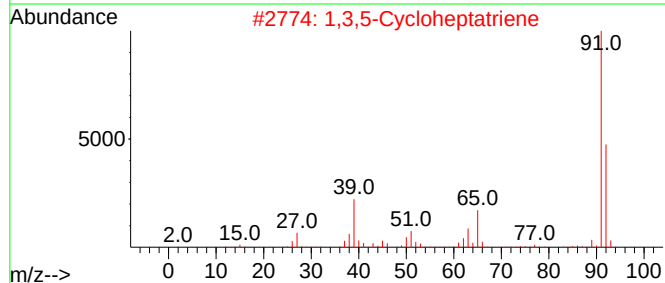
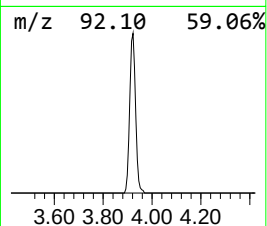
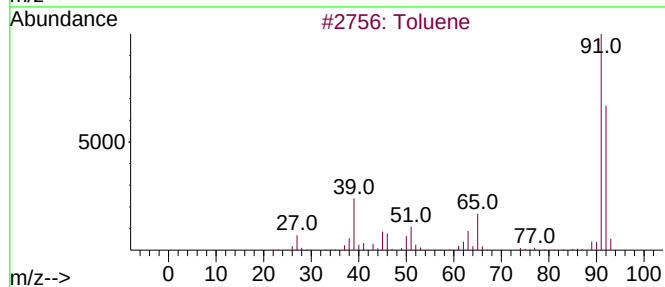
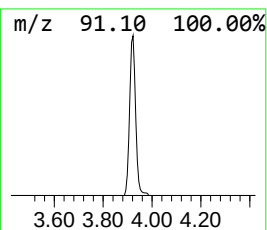
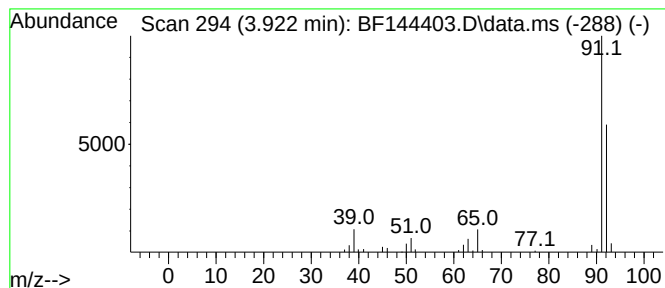
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.922	5.08 ng	63527	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Toluene	92	C7H8	000108-88-3	91
2			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	80
3			Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	72
4			2,5-Norbornadiene	92	C7H8	000121-46-0	72
5			Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	64



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Acq On : 02 Dec 2025 15:20
Operator : RC/JU
Sample : Q3742-07
Misc :
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Instrument :
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ClientSampleId :
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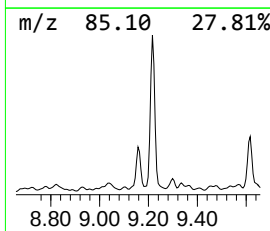
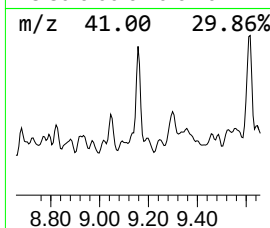
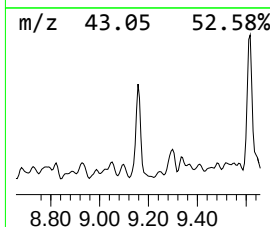
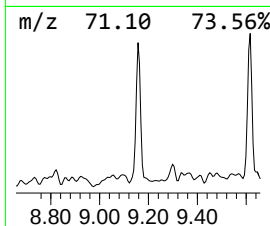
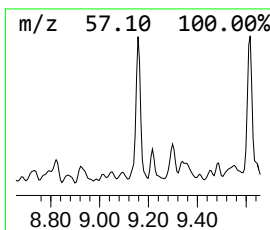
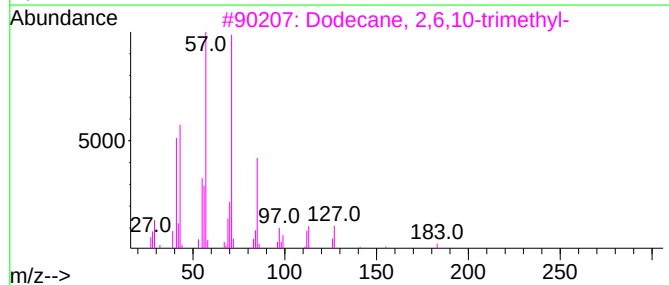
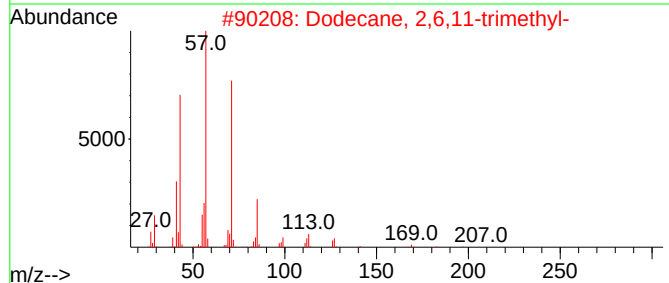
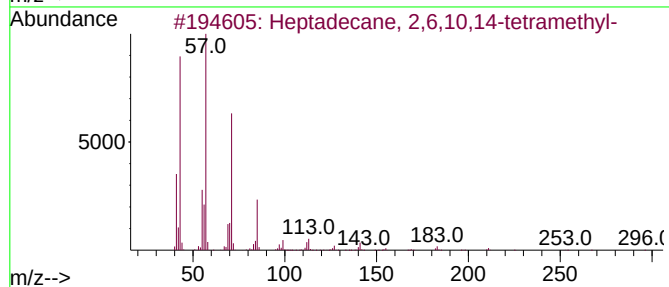
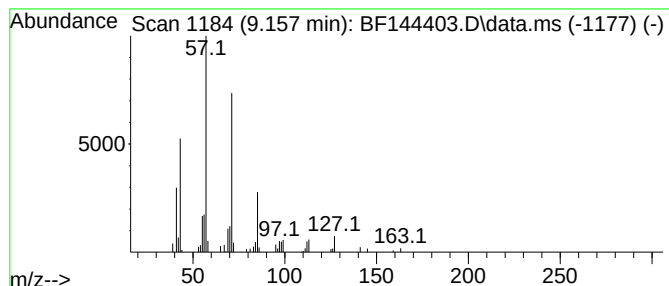
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptadecane, 2,6,10,14-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.157	3.82 ng	61247	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144403.D
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Sample : Q3742-07
Misc :
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Instrument :
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ClientSampleId :
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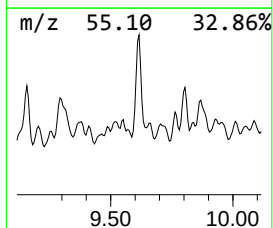
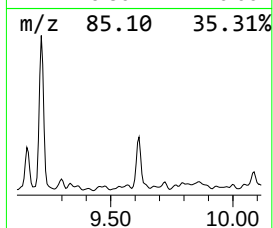
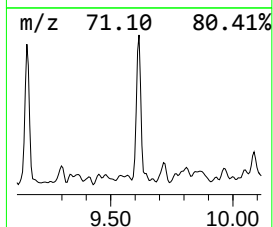
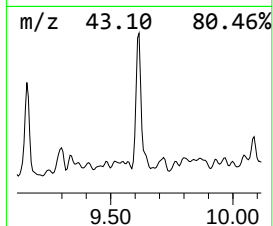
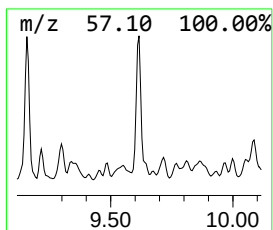
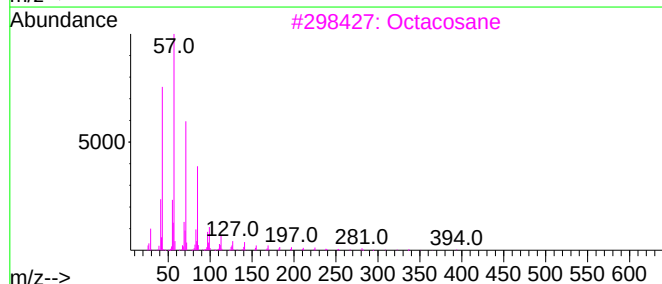
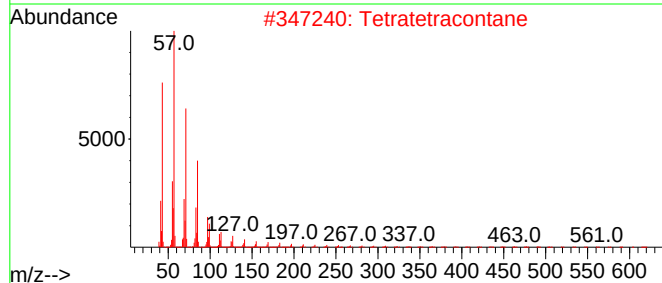
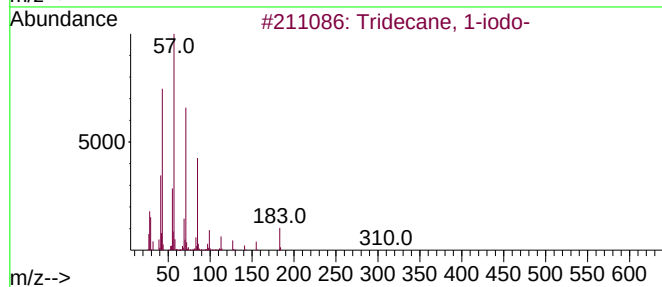
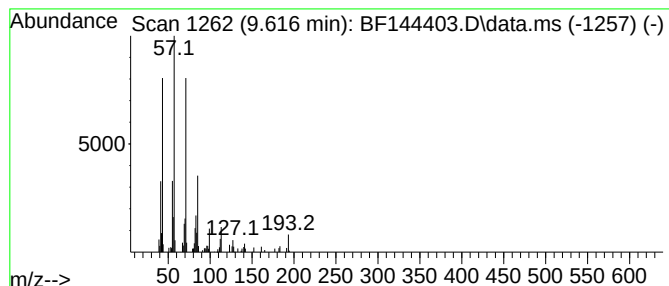
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	4.92 ng	78838	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2			Tetratetracontane	619	C44H90	007098-22-8	86
3			Octacosane	394	C28H58	000630-02-4	86
4			Tetracosane	338	C24H50	000646-31-1	86
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144403.D
Acq On : 02 Dec 2025 15:20
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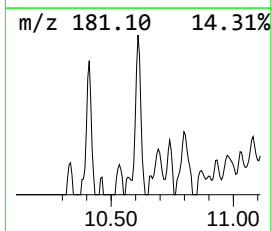
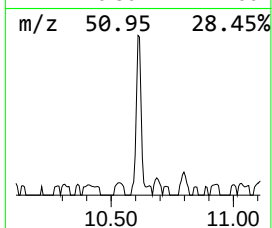
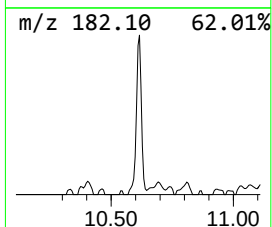
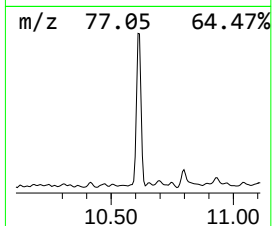
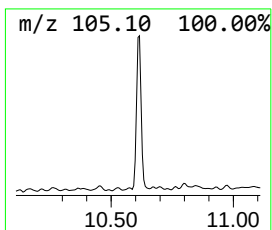
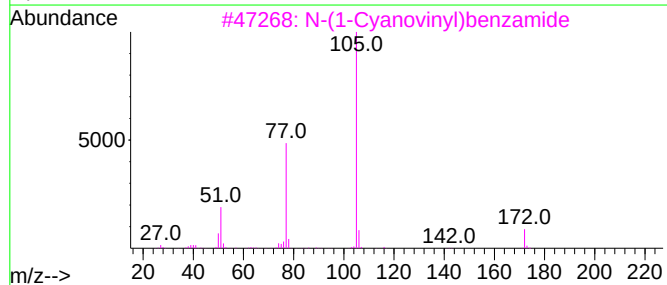
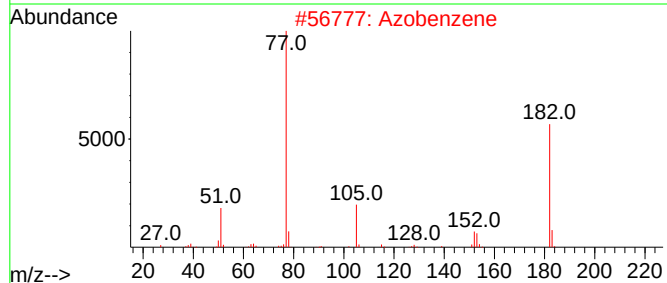
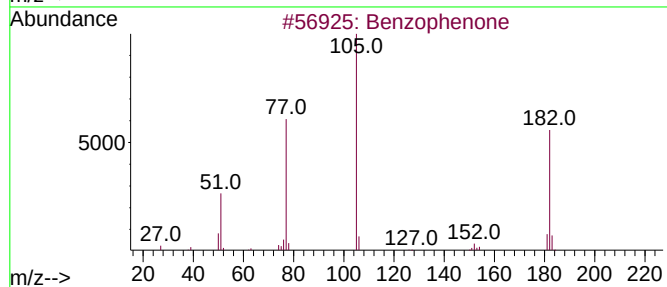
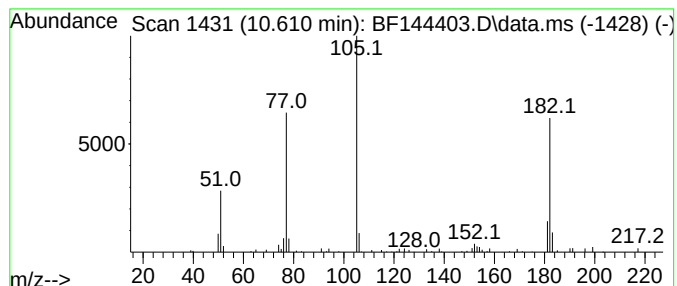
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	2.86 ng	45748	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Azobenzene	182	C12H10N2	000103-33-3	64
3			N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	43
4			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	43
5			1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144403.D
Acq On : 02 Dec 2025 15:20
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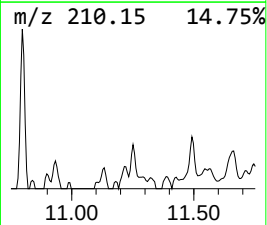
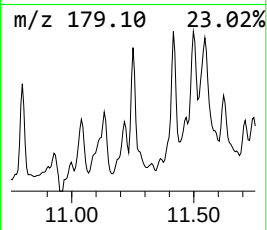
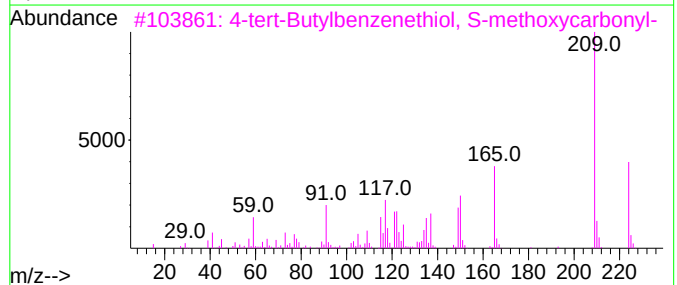
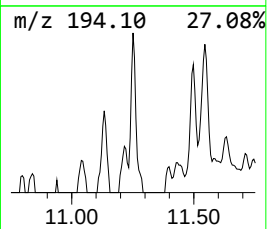
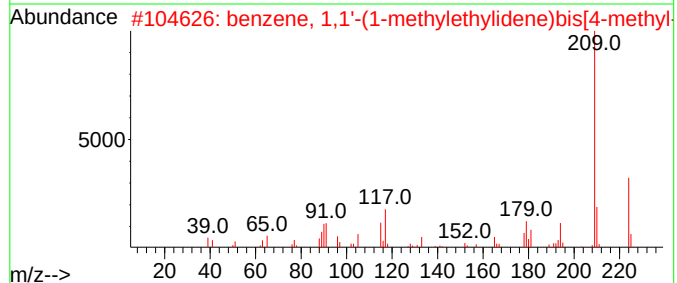
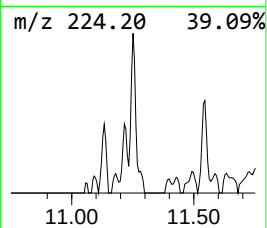
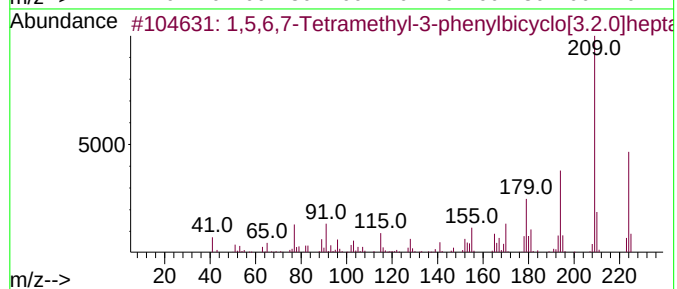
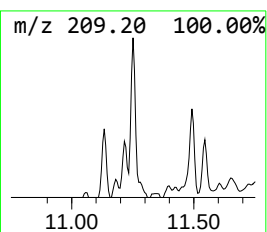
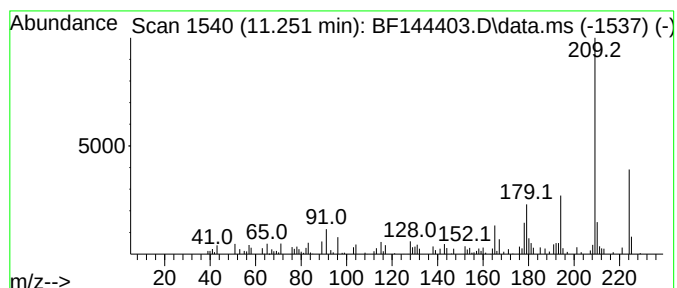
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1,5,6,7-Tetramethyl-3-pheny... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	2.24 ng	37940	Phenanthrene-d10	11.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,6,7-Tetramethyl-3-phenylbicy...	224	C17H20		126584-00-7	90
2	benzene, 1,1'-(1-methylethyliden...	224	C17H20		1000400-89-0	72
3	4-tert-Butylbenzenethiol, S-meth...	224	C12H16O2S		1890084-37-3	53
4	benzenamine, N,N-diethyl-3-metho...	224	C11H16N2O3		1000400-88-1	52
5	Dimethylbis(thiophen-2-yl)silane	224	C10H12S2Si		1000487-00-9	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144403.D
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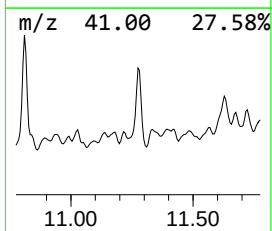
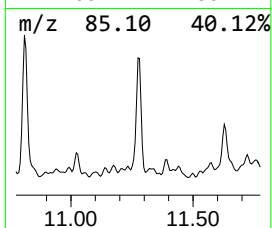
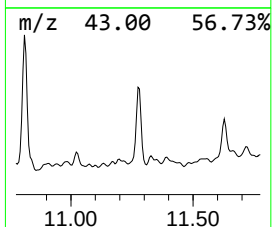
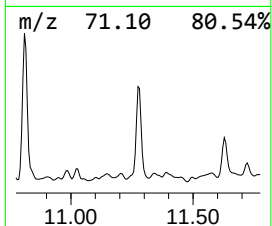
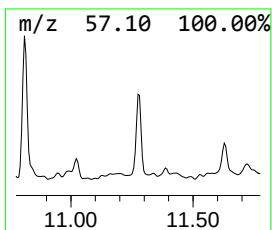
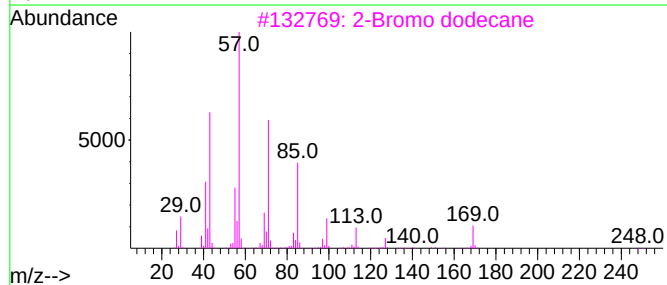
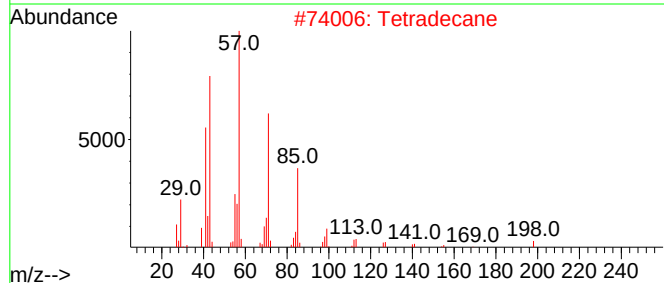
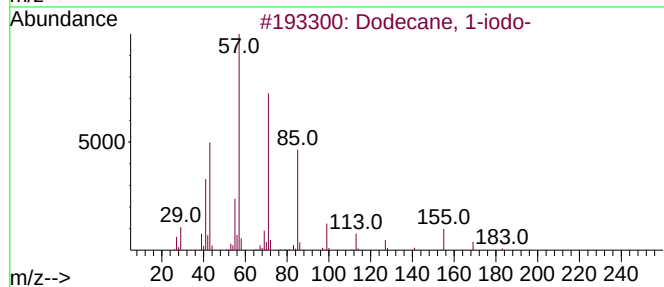
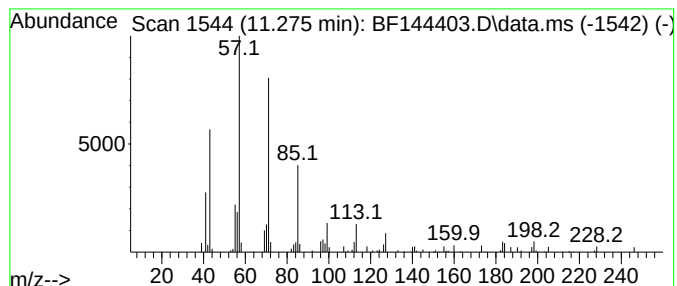
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dodecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	4.64 ng	78688	Phenanthrene-d10	11.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2		Tetradecane	198	C14H30	000629-59-4	80
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	78
4		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	78
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
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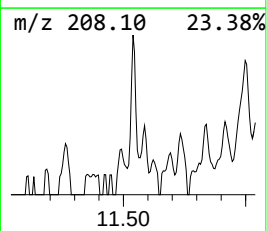
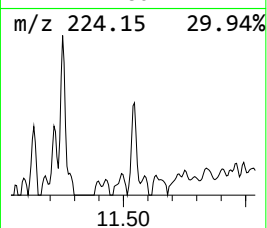
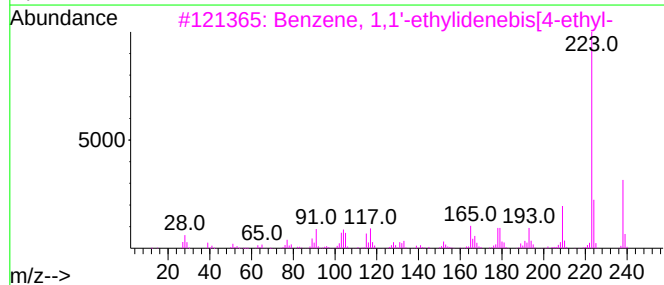
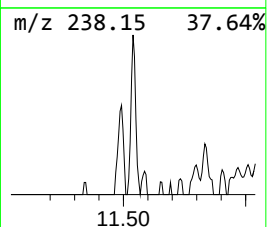
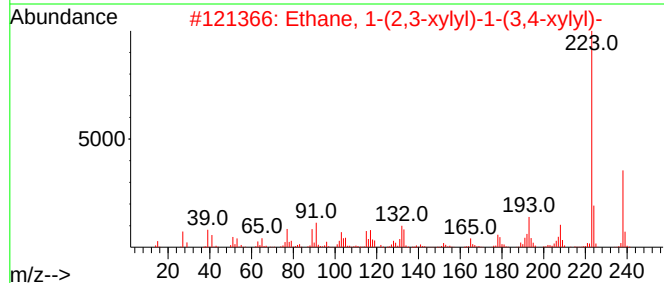
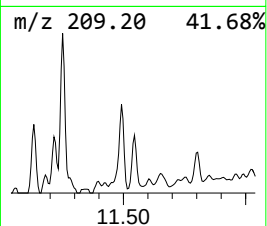
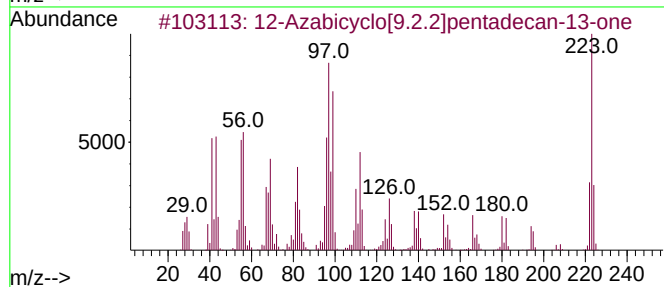
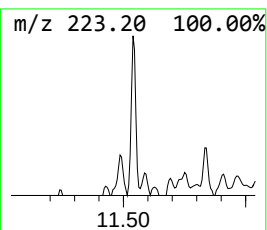
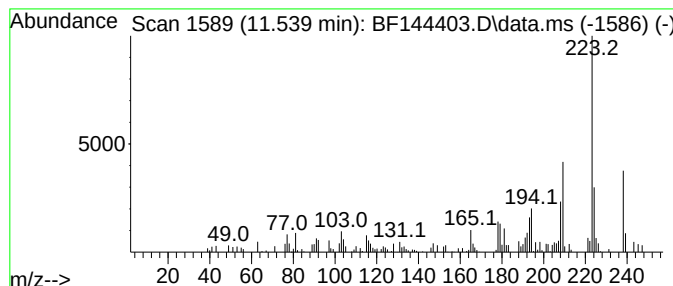
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 12-Azabicyclo[9.2.2]pentade... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.539	2.33 ng	39516	Phenanthrene-d10	11.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	89	
2	Ethane, 1-(2,3-xylyl)-1-(3,4-xylyl...	238	C18H22	002816-98-0	58	
3	Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	53	
4	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	49	
5	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	45	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
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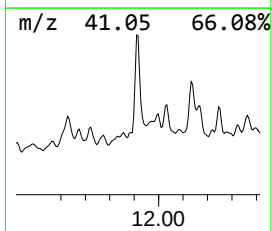
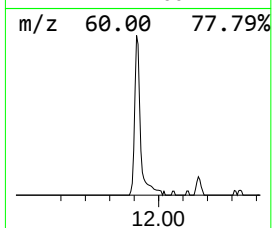
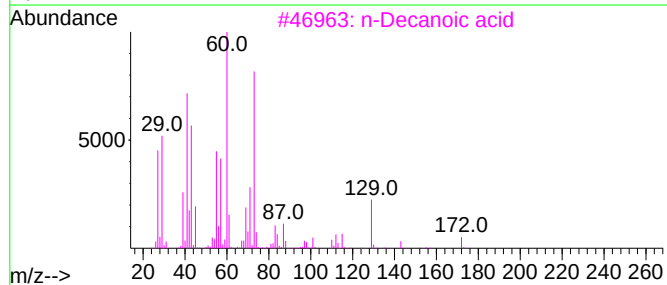
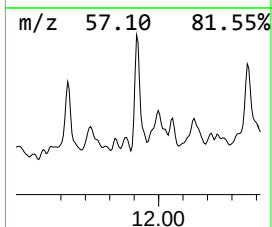
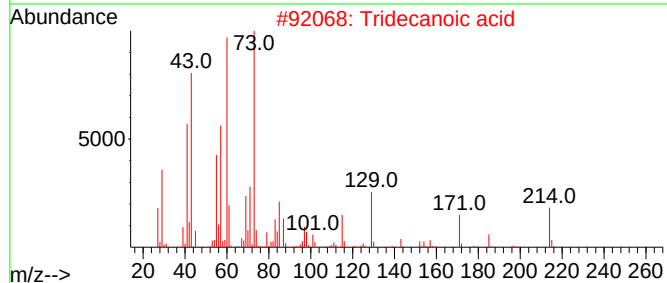
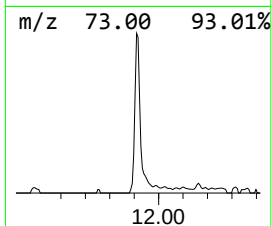
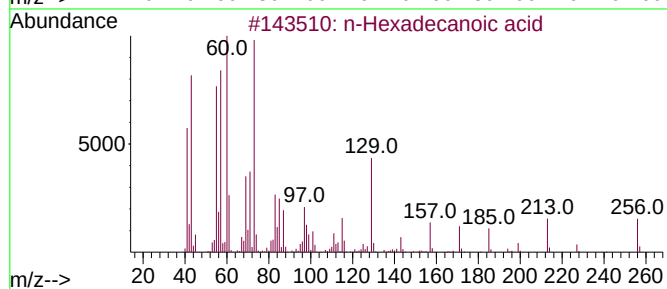
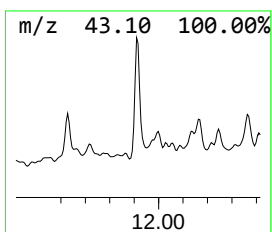
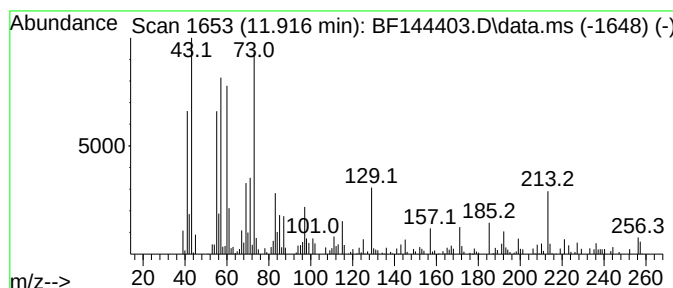
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SB-1125-18

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

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.916	8.69 ng	147394	Phenanthrene-d10	11.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144403.D
Acq On : 02 Dec 2025 15:20
Operator : RC/JU
Sample : Q3742-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

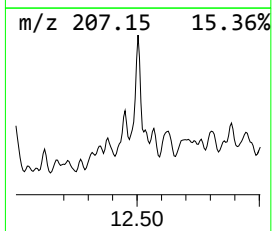
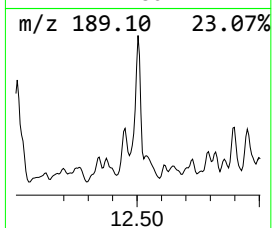
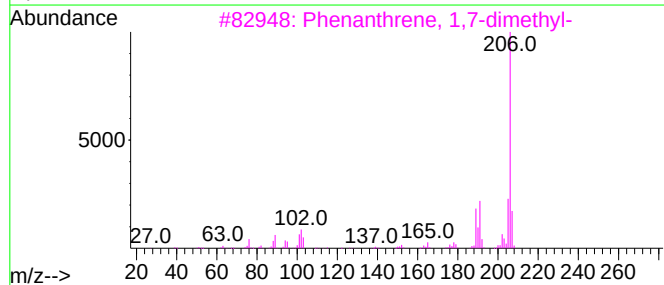
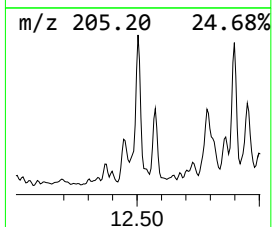
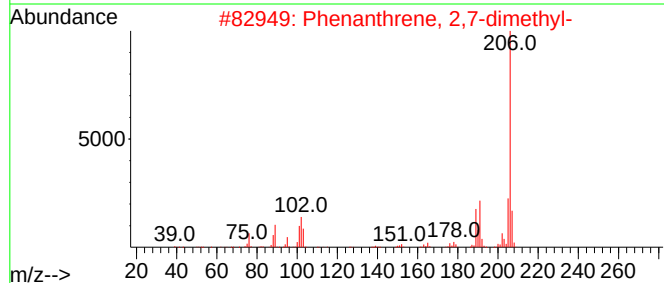
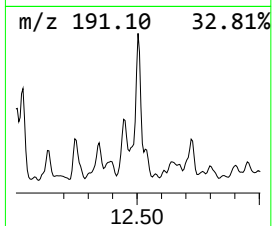
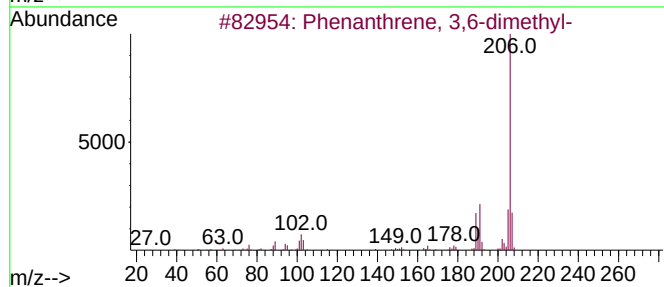
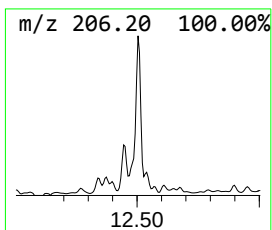
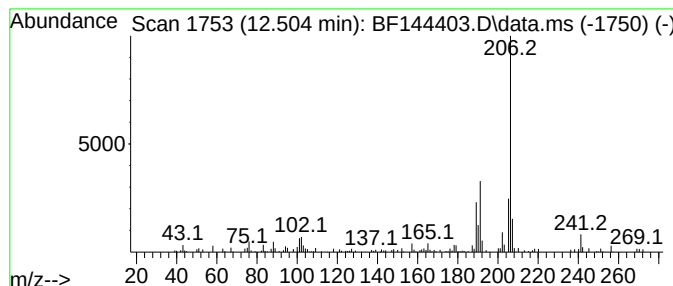
Instrument :
BNA_F
ClientSampleId :
SB-1125-18

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

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

Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.504	3.12 ng	52831	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	94
2	Phenanthrene, 2,7-dimethyl-		206	C16H14	001576-69-8	90
3	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	90
4	di-p-Tolylacetylene		206	C16H14	002789-88-0	86
5	3,4-Dimethylphenanthrene		206	C16H14	1000452-24-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144403.D
Acq On : 02 Dec 2025 15:20
Operator : RC/JU
Sample : Q3742-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

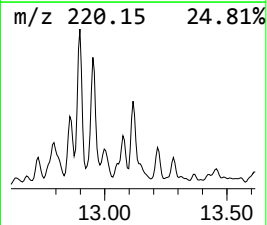
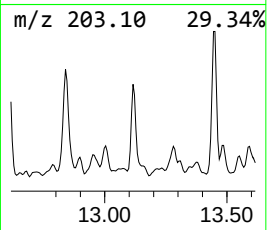
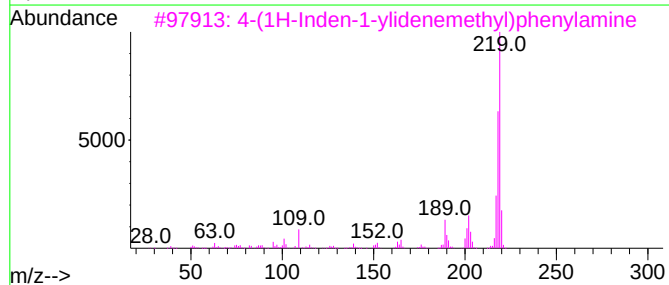
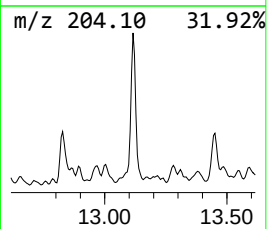
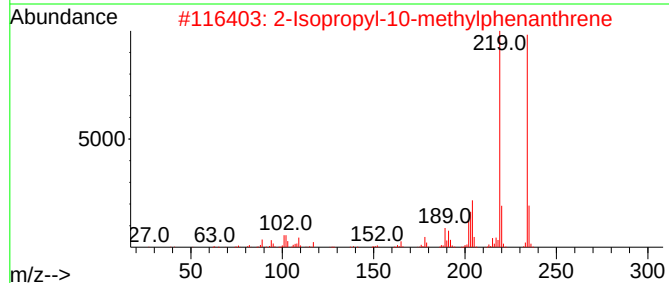
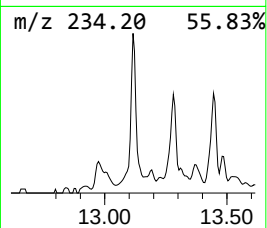
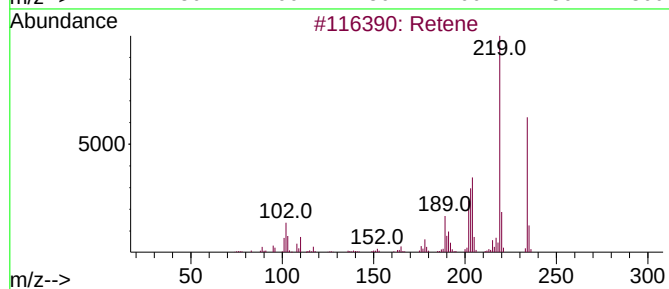
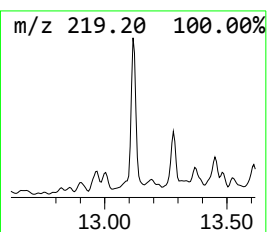
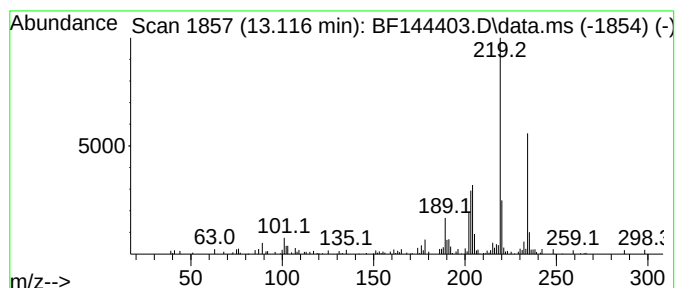
Instrument :
BNA_F
ClientSampleId :
SB-1125-18

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

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

Peak Number 17 Retene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.116	2.63 ng	46771	Chrysene-d12	14.045	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	95
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	4-(1H-Inden-1-ylidenemethyl)phen...	219	C16H13N	000487-61-6	55
4	Quinoline, 2-(3-tolyl)-	219	C16H13N	024641-30-3	55
5	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144403.D
Acq On : 02 Dec 2025 15:20
Operator : RC/JU
Sample : Q3742-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-18

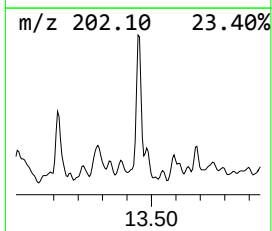
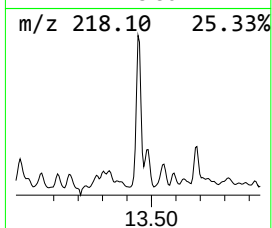
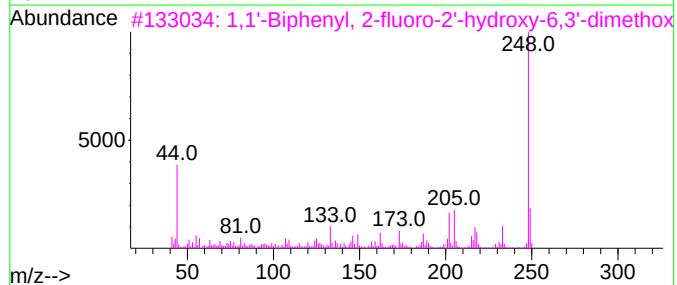
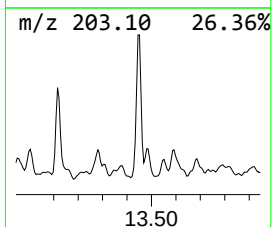
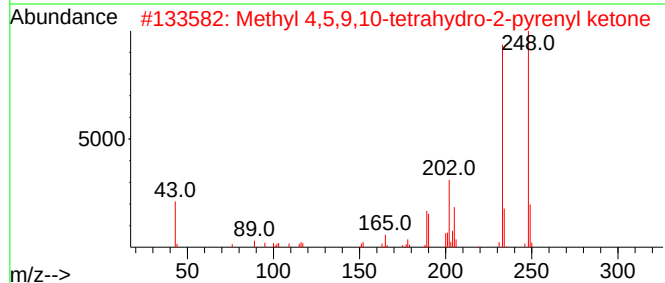
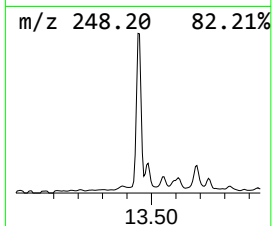
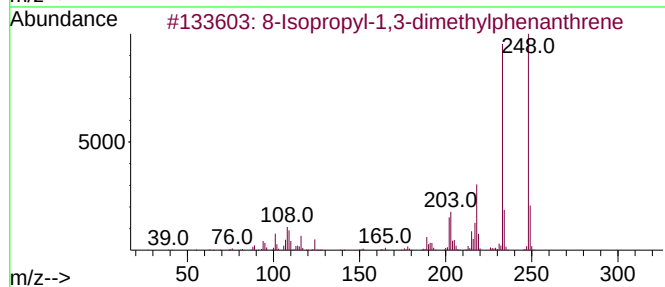
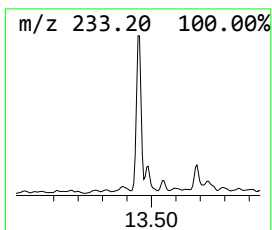
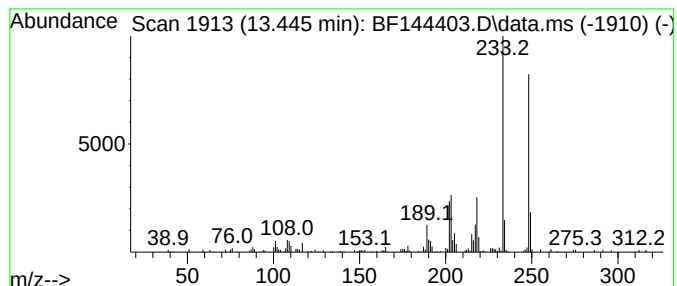
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 8-Isopropyl-1,3-dimethylphe... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	4.81 ng	85577	Chrysene-d12	14.045

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		8-Isopropyl-1,3-dimethylphenanth...	248	C19H20	135886-06-5	90
2		Methyl 4,5,9,10-tetrahydro-2-pyr...	248	C18H16O	1000432-00-9	52
3		1,1'-Biphenyl, 2-fluoro-2'-hydro...	248	C14H13F03	095881-16-6	43
4		benzonitrile, 4-[2-(4-methoxyphe...	233	C16H11NO	1000401-04-8	38
5		4-Methoxybenzylamine, N-trifluor...	233	C10H10F3NO2	122365-00-8	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144403.D
Acq On : 02 Dec 2025 15:20
Operator : RC/JU
Sample : Q3742-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-18

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,3,5-Cyclohept...	3.922	5.1	ng	63527	1	6.863	250016	20.0
Heptadecane, 2,...	9.157	3.8	ng	61247	3	9.898	320454	20.0
Tridecane, 1-iodo-	9.616	4.9	ng	78838	3	9.898	320454	20.0
Benzophenone	10.610	2.9	ng	45748	3	9.898	320454	20.0
1,5,6,7-Tetrame...	11.251	2.2	ng	37940	4	11.392	339042	20.0
Dodecane, 1-iodo-	11.275	4.6	ng	78688	4	11.392	339042	20.0
12-Azabicyclo[9...	11.539	2.3	ng	39516	4	11.392	339042	20.0
n-Hexadecanoic ...	11.916	8.7	ng	147394	4	11.392	339042	20.0
Phenanthrene, 3...	12.504	3.1	ng	52831	4	11.392	339042	20.0
Retene	13.116	2.6	ng	46771	5	14.045	355825	20.0
8-Isopropyl-1,3...	13.445	4.8	ng	85577	5	14.045	355825	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
 Data File : BF144404.D
 Acq On : 02 Dec 2025 15:50
 Operator : RC/JU
 Sample : Q3742-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-20

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025

Quant Time: Dec 02 16:13:04 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	47751	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	182737	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	97535	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	153495	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	114317	20.000	ng	0.00
86) Perylene-d12	15.527	264	155142	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	246954	80.931	ng	0.00
7) Phenol-d6	6.493	99	288498	83.441	ng	0.00
23) Nitrobenzene-d5	7.422	82	174131	55.035	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	93376	76.291	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	385664	58.400	ng	-0.01
79) Terphenyl-d14	12.980	244	348216	48.384	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.163	128	103608	11.919	ng	99
52) Acenaphthene	9.934	154	21533	4.069	ng	96
55) Dibenzofuran	10.104	168	21704	2.928	ng	# 93
58) Fluorene	10.451	166	37230	6.606	ng	97
71) Phenanthrene	11.416	178	315099	41.231	ng	99
72) Anthracene	11.469	178	100044	12.874	ng	99
73) Carbazole	11.628	167	22244	3.366	ng	95
75) Fluoranthene	12.610	202	306330	38.803	ng	99
78) Pyrene	12.839	202	285901	31.018	ng	98
81) Benzo(a)anthracene	14.033	228	173681	21.921	ng	97
83) Chrysene	14.069	228	143298	19.592	ng	95
87) Indeno(1,2,3-cd)pyrene	17.021	276	68307	6.133	ng	96
88) Benzo(b)fluoranthene	15.092	252	189459m	21.480	ng	
89) Benzo(k)fluoranthene	15.110	252	61550m	7.456	ng	
90) Benzo(a)pyrene	15.463	252	148738	18.279	ng	# 95
91) Dibenzo(a,h)anthracene	17.027	278	18927	2.116	ng	# 86
92) Benzo(g,h,i)perylene	17.480	276	61450m	6.957	ng	

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

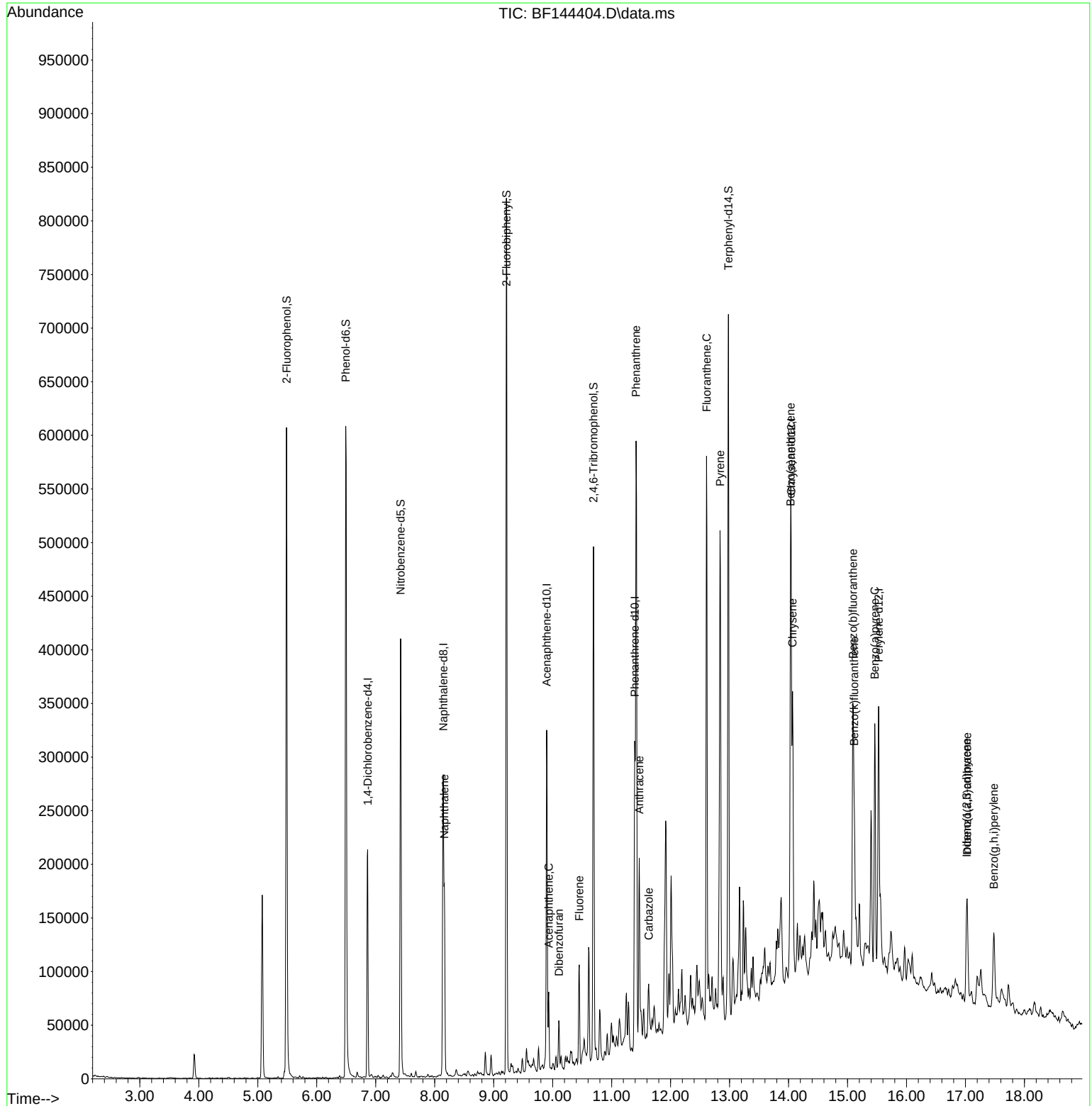
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Acq On : 02 Dec 2025 15:50
Operator : RC/JU
Sample : Q3742-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-20

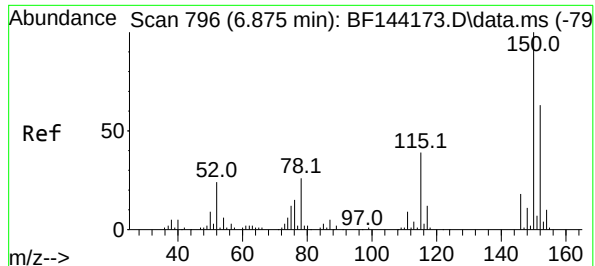
Quant Time: Dec 02 16:13:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

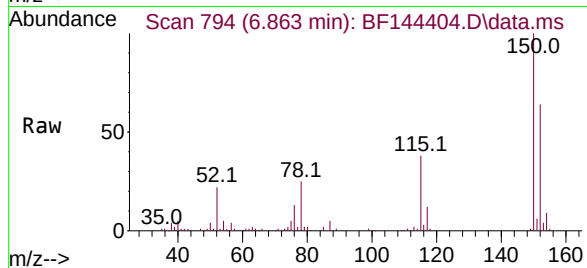


A
B
C
D
E
F
G
H
I
J
K



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144404.D
Acq: 02 Dec 2025 15:50

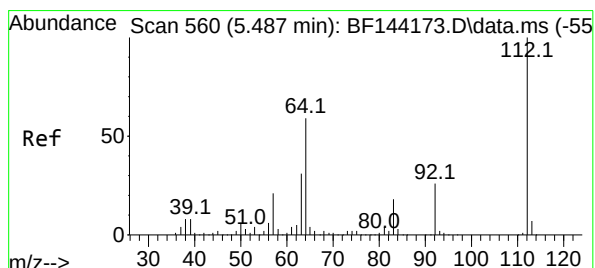
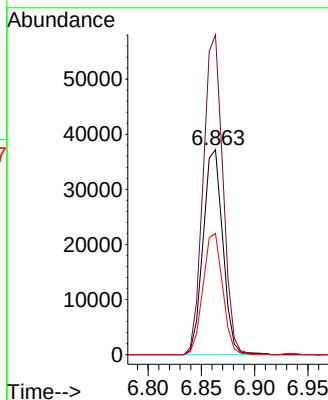
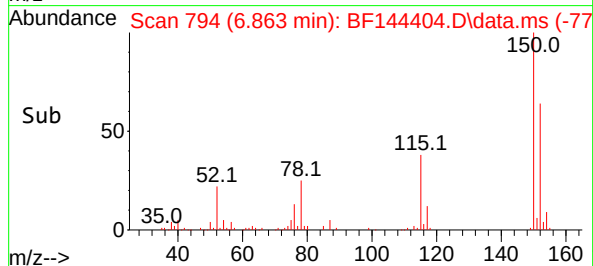
Instrument :
BNA_F
ClientSampleId :
SB-1125-20



Tgt Ion:152 Resp: 4775
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.0
115 59.2 49.5 74.3

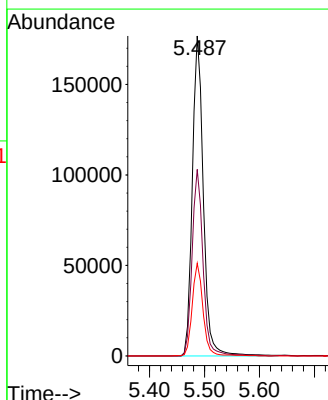
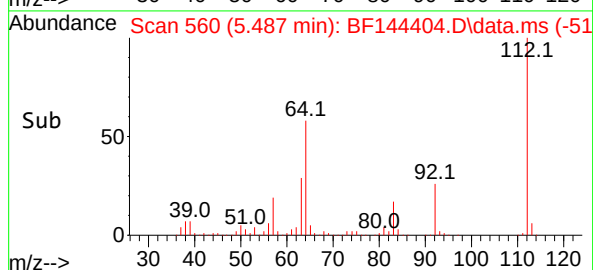
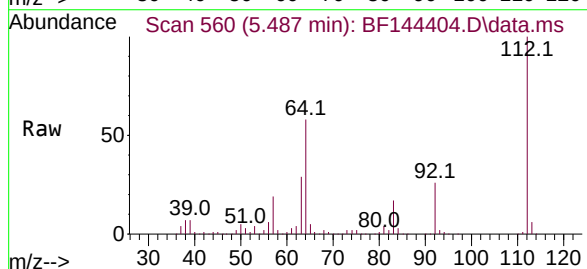
Manual Integrations
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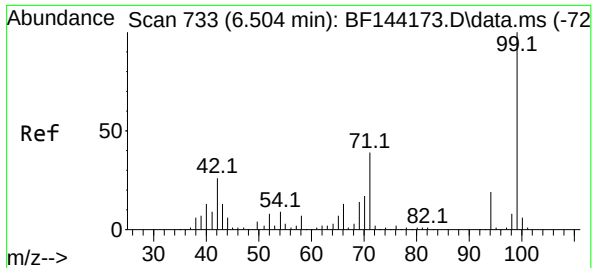
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#5
2-Fluorophenol
Concen: 80.931 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144404.D
Acq: 02 Dec 2025 15:50

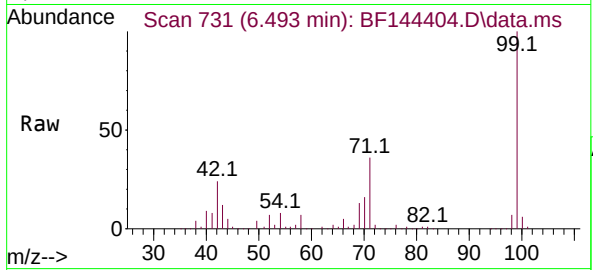
Tgt Ion:112 Resp: 246954
Ion Ratio Lower Upper
112 100
64 58.3 47.2 70.8
63 28.9 24.4 36.6





#7
Phenol-d6
Concen: 83.441 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF144404.D
Acq: 02 Dec 2025 15:50

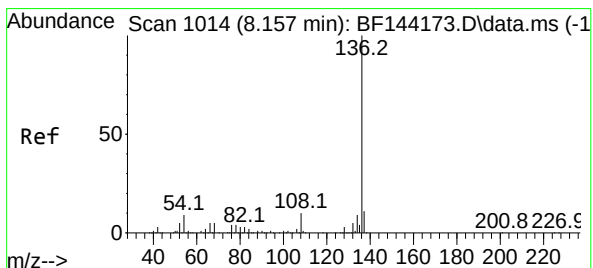
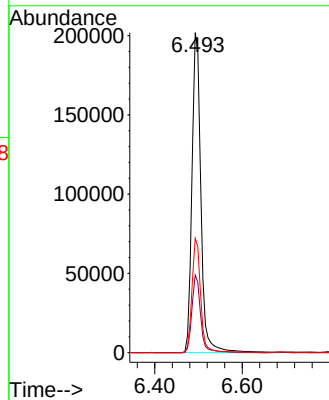
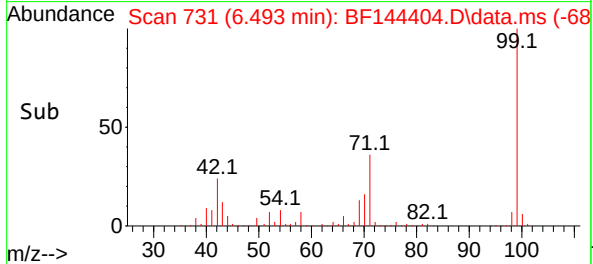
Instrument :
BNA_F
ClientSampleId :
SB-1125-20



Tgt Ion: 99 Resp: 288498
Ion Ratio Lower Upper
99 100
42 24.2 20.9 31.3
71 35.7 31.4 47.2

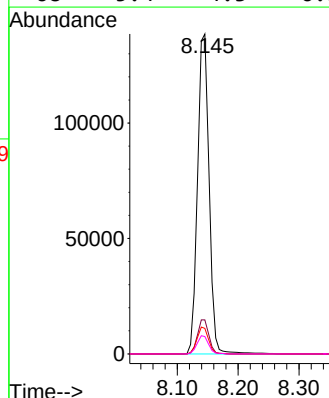
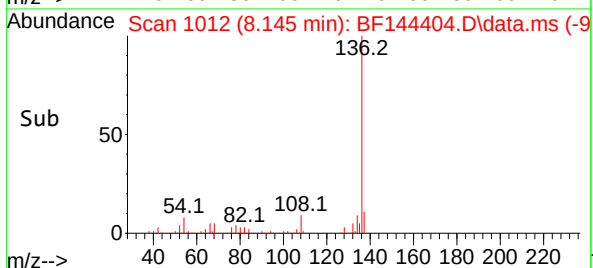
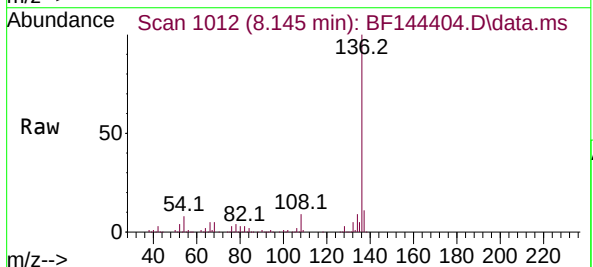
Manual Integrations
APPROVED

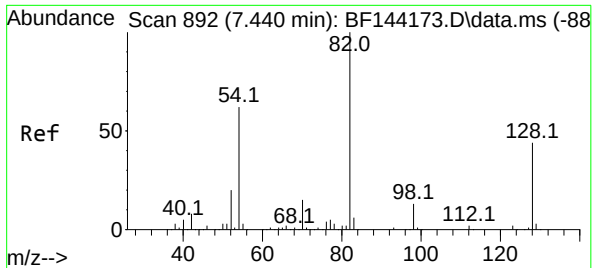
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144404.D
Acq: 02 Dec 2025 15:50

Tgt Ion:136 Resp: 182737
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.0 7.0 10.6
68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 55.035 ng

RT: 7.422 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF144404.D

Acq: 02 Dec 2025 15:50

Instrument :

BNA_F

ClientSampleId :

SB-1125-20

Tgt Ion: 82 Resp: 17413

Ion Ratio Lower Upper

82 100

128 43.6 34.7 52.1

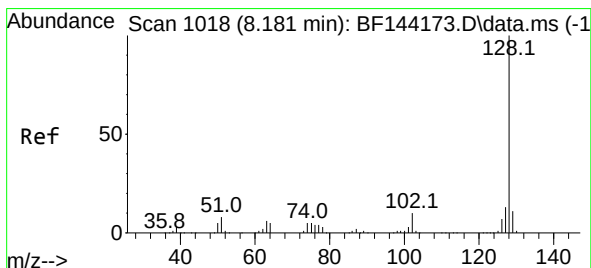
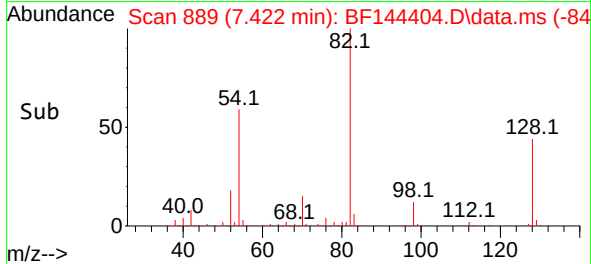
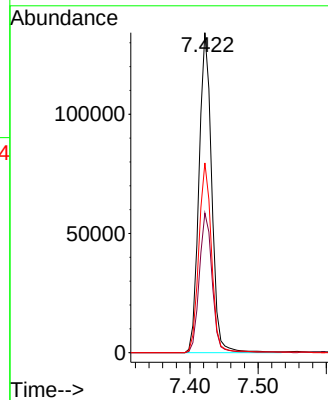
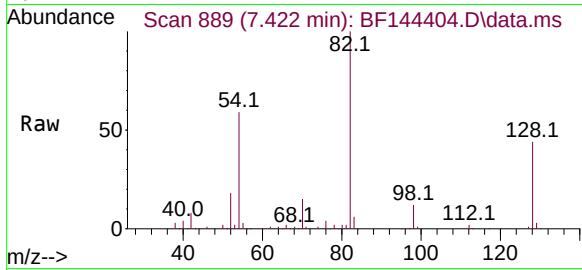
54 59.3 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#31

Naphthalene

Concen: 11.919 ng

RT: 8.163 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF144404.D

Acq: 02 Dec 2025 15:50

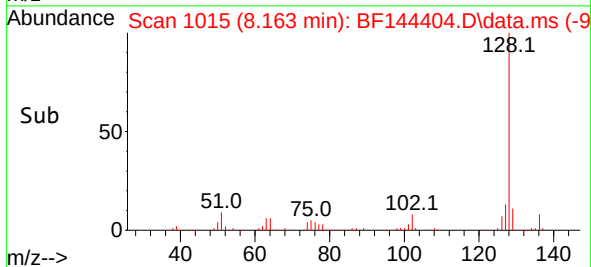
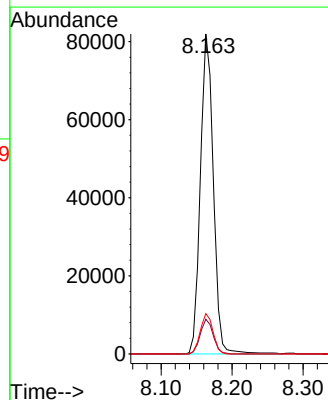
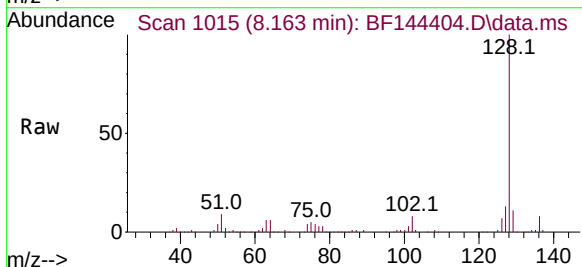
Tgt Ion:128 Resp: 103608

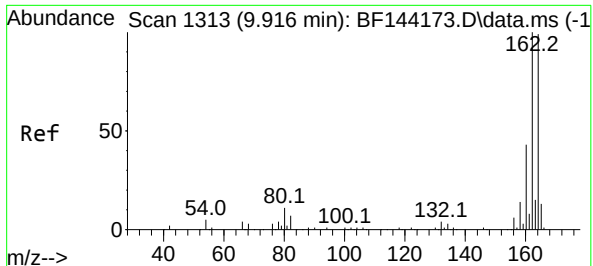
Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 12.6 10.3 15.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.018 min

Lab File: BF144404.D

Acq: 02 Dec 2025 15:50

Instrument :

BNA_F

ClientSampleId :

SB-1125-20

Tgt Ion:164 Resp: 97535

Ion Ratio Lower Upper

164 100

162 100.5 81.1 121.7

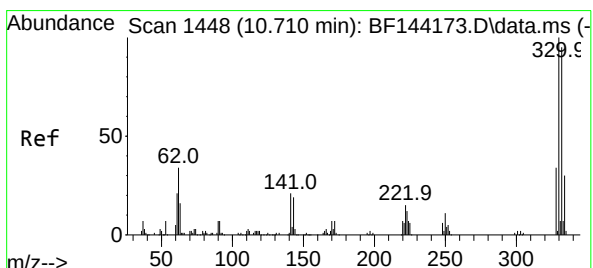
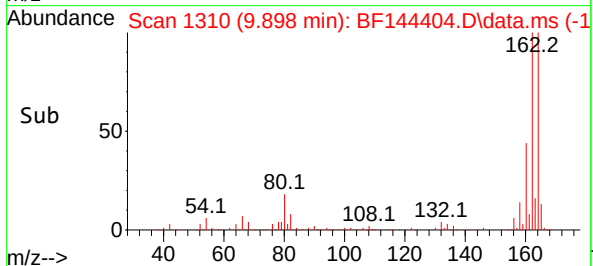
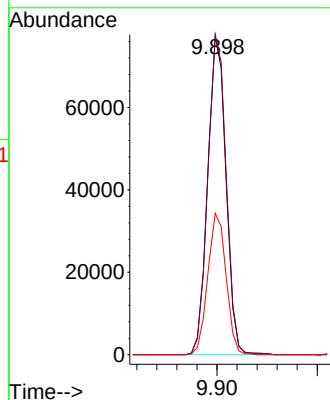
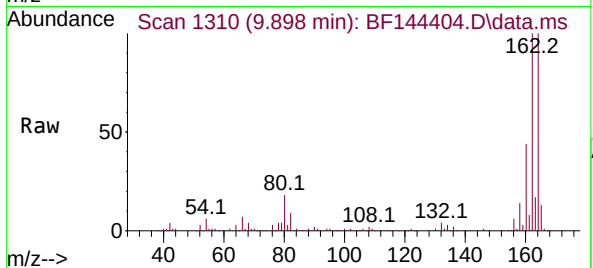
160 44.4 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#42

2,4,6-Tribromophenol

Concen: 76.291 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF144404.D

Acq: 02 Dec 2025 15:50

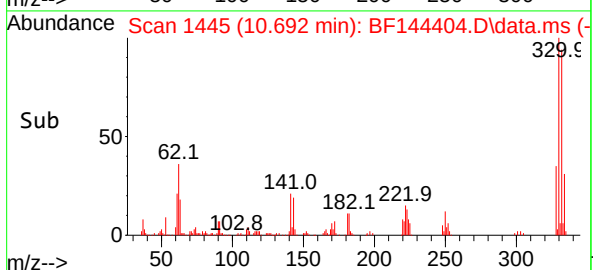
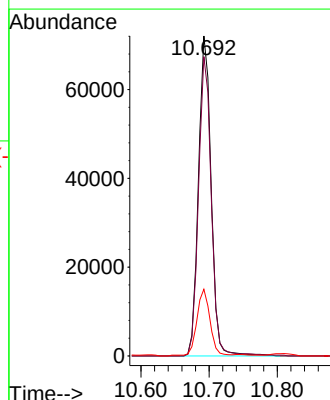
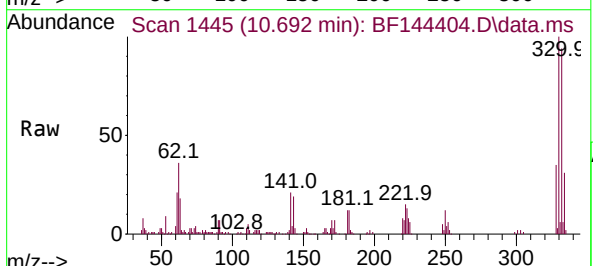
Tgt Ion:330 Resp: 93376

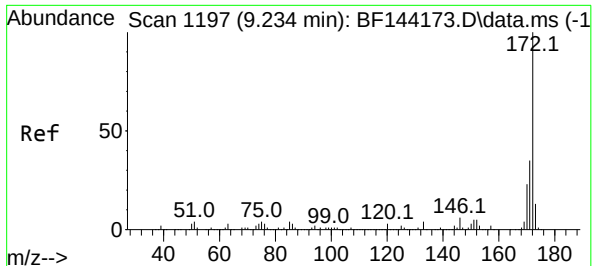
Ion Ratio Lower Upper

330 100

332 94.3 76.7 115.1

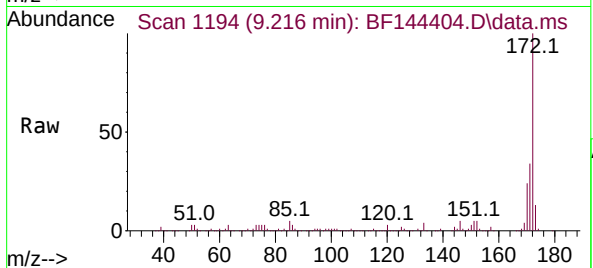
141 21.7 17.8 26.8





#45
2-Fluorobiphenyl
Concen: 58.400 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144404.D
Acq: 02 Dec 2025 15:50

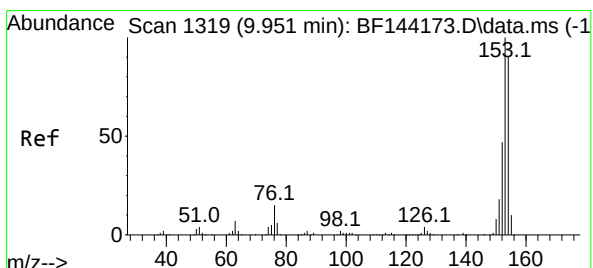
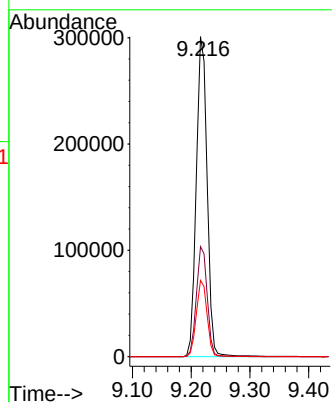
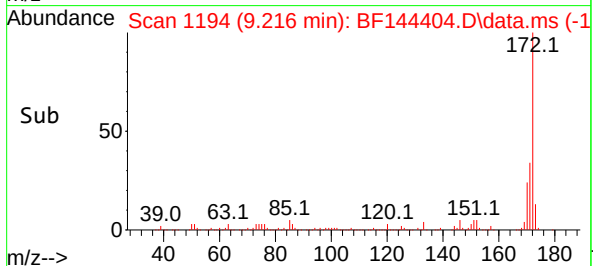
Instrument :
BNA_F
ClientSampleId :
SB-1125-20



Tgt Ion:172 Resp: 385664
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.8 18.6 28.0

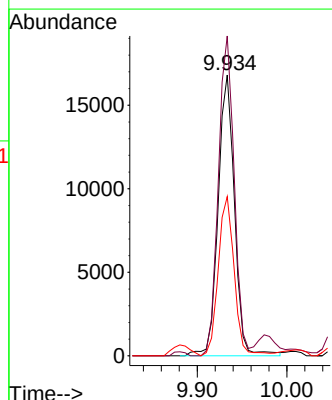
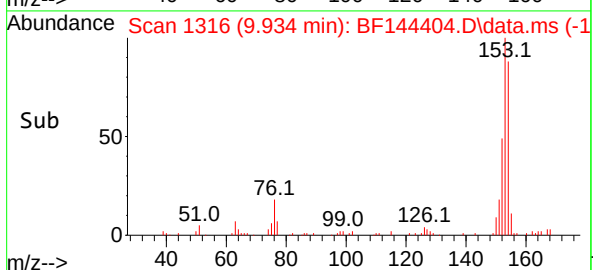
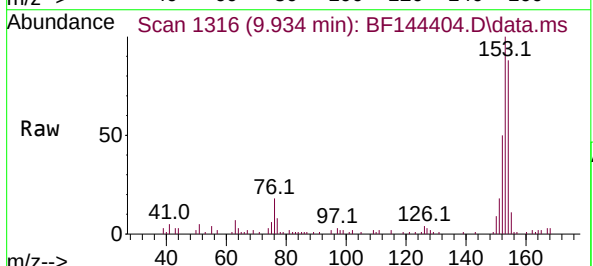
Manual Integrations
APPROVED

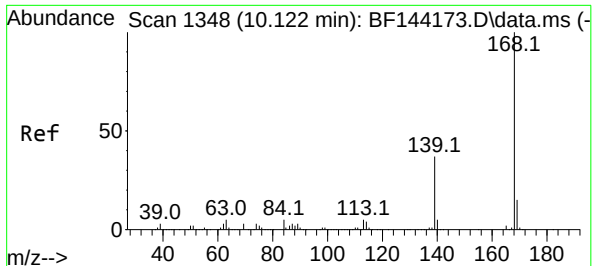
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#52
Acenaphthene
Concen: 4.069 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF144404.D
Acq: 02 Dec 2025 15:50

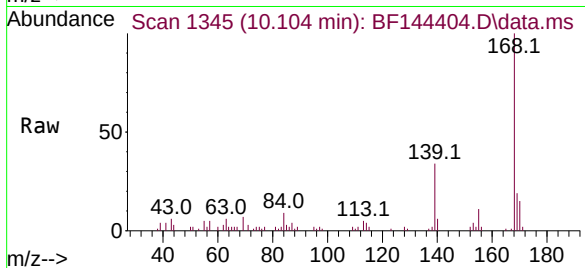
Tgt Ion:154 Resp: 21533
Ion Ratio Lower Upper
154 100
153 113.9 89.0 133.4
152 56.7 42.2 63.4





#55
Dibenzenofuran
Concen: 2.928 ng
RT: 10.104 min Scan# 1348
Delta R.T. -0.012 min
Lab File: BF144404.D
Acq: 02 Dec 2025 15:50

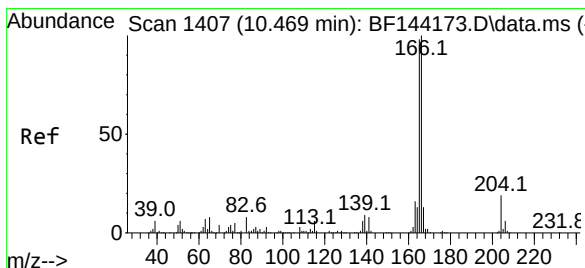
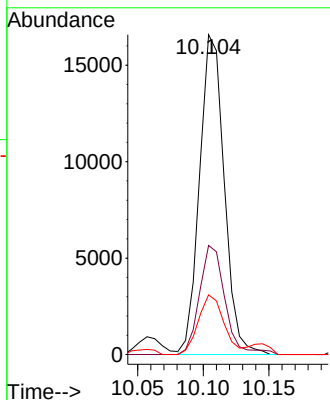
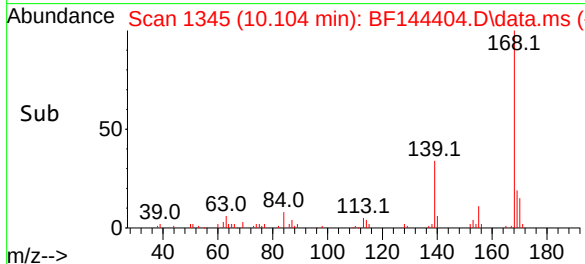
Instrument :
BNA_F
ClientSampleId :
SB-1125-20



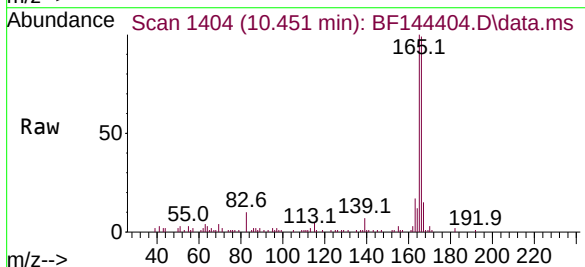
Tgt Ion:168 Resp: 21704
Ion Ratio Lower Upper
168 100
139 34.1 30.2 45.2
169 18.7 12.2 18.4

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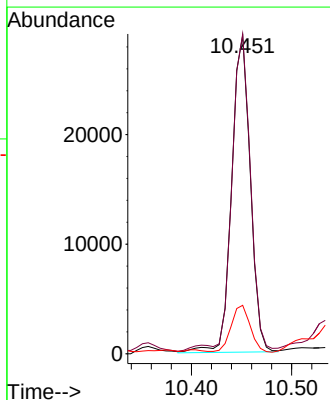
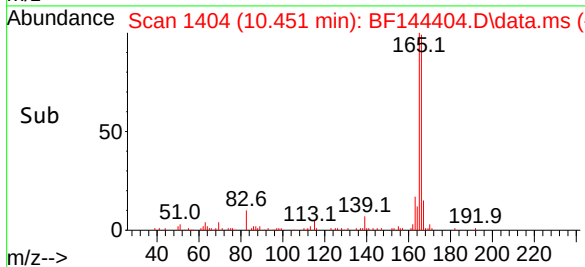
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

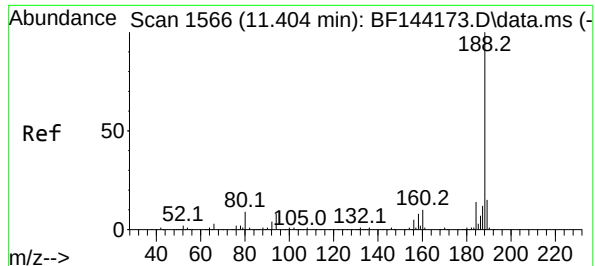


#58
Fluorene
Concen: 6.606 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF144404.D
Acq: 02 Dec 2025 15:50



Tgt Ion:166 Resp: 37230
Ion Ratio Lower Upper
166 100
165 100.6 78.6 118.0
167 15.2 10.4 15.6





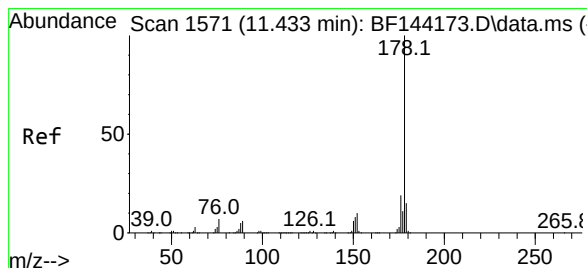
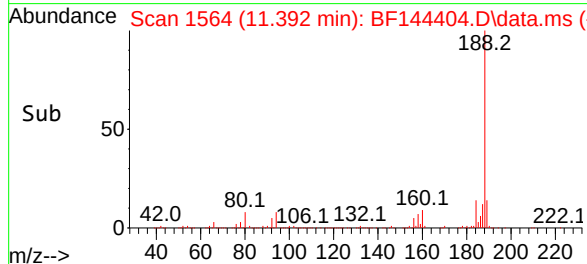
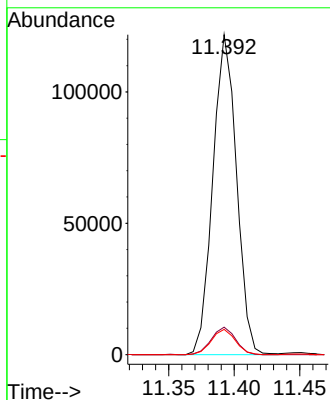
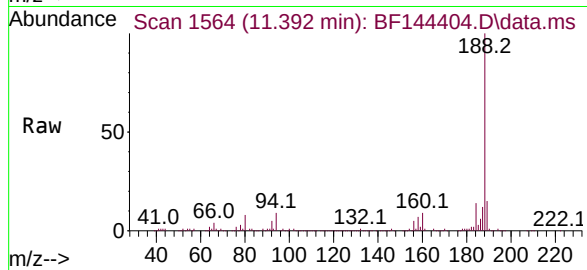
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144404.D
Acq: 02 Dec 2025 15:50

Instrument :
BNA_F
ClientSampleId :
SB-1125-20

Tgt Ion:188 Resp: 153495
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 7.9 6.9 10.3

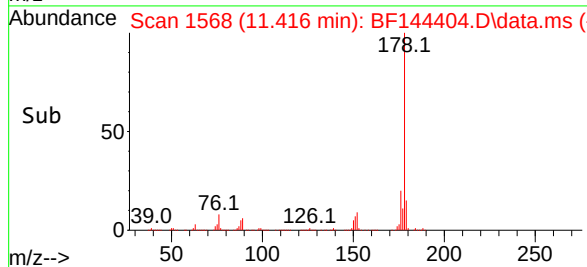
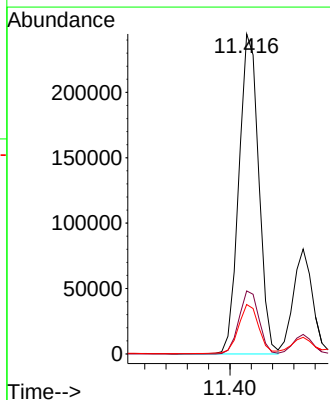
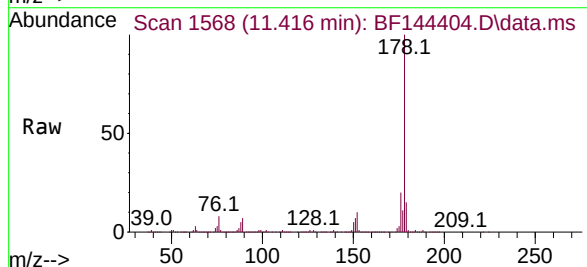
Manual Integrations
APPROVED

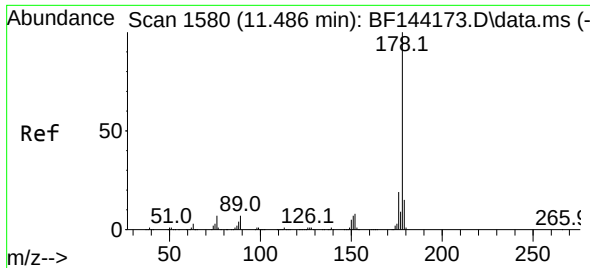
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#71
Phenanthrene
Concen: 41.231 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF144404.D
Acq: 02 Dec 2025 15:50

Tgt Ion:178 Resp: 315099
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.4 12.2 18.4





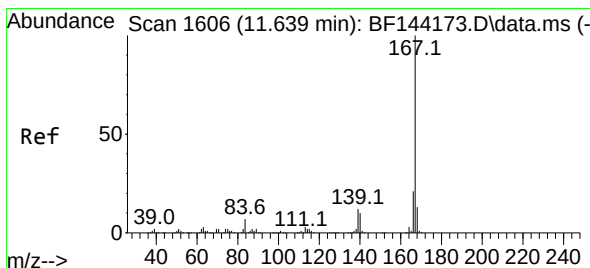
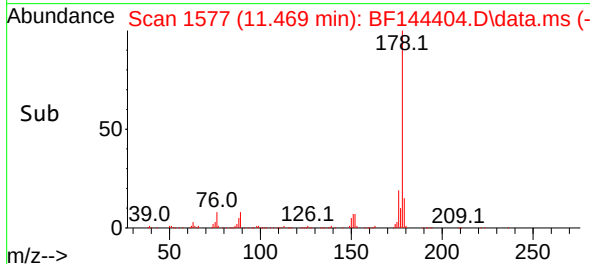
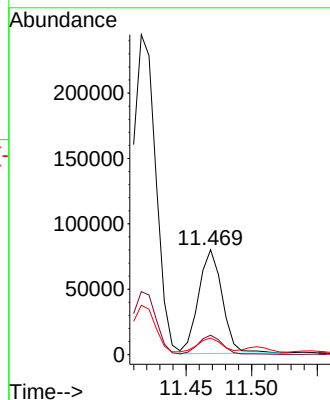
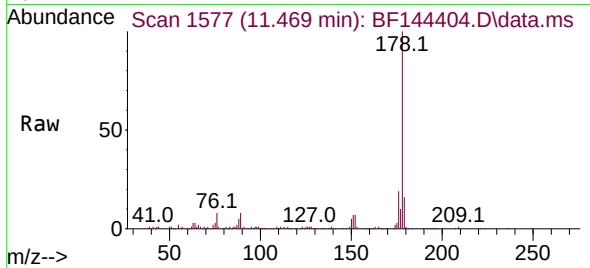
#72
 Anthracene
 Concen: 12.874 ng
 RT: 11.469 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF144404.D
 Acq: 02 Dec 2025 15:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-20

Tgt Ion:178 Resp: 100044
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.3 22.9
 179 15.8 12.0 18.0

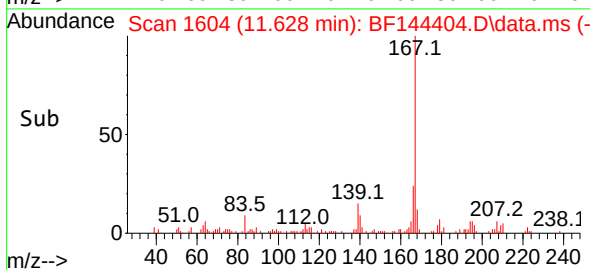
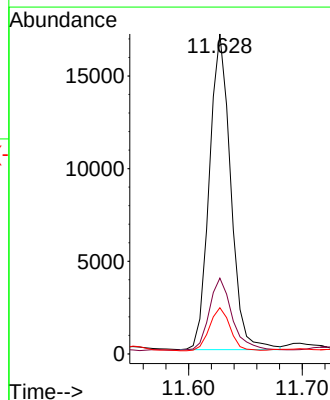
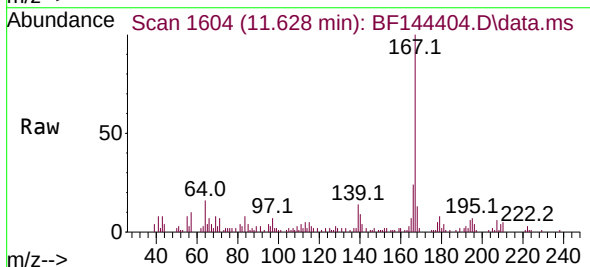
Manual Integrations
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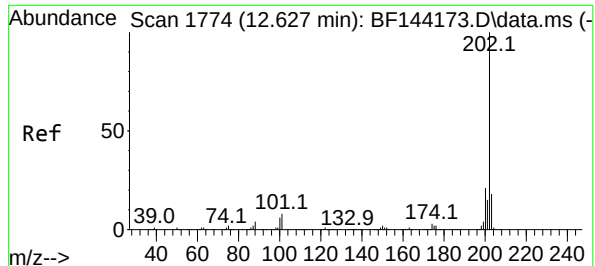
Reviewed By :Jagrut Upadhyay 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025



#73
 Carbazole
 Concen: 3.366 ng
 RT: 11.628 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144404.D
 Acq: 02 Dec 2025 15:50

Tgt Ion:167 Resp: 22244
 Ion Ratio Lower Upper
 167 100
 166 23.7 17.2 25.8
 139 14.4 9.9 14.9





#75

Fluoranthene

Concen: 38.803 ng

RT: 12.610 min Scan# 1774

Delta R.T. -0.012 min

Lab File: BF144404.D

Acq: 02 Dec 2025 15:50

Instrument :

BNA_F

ClientSampleId :

SB-1125-20

Tgt Ion:202 Resp: 306330

Ion Ratio Lower Upper

202 100

101 8.9 0.0 27.9

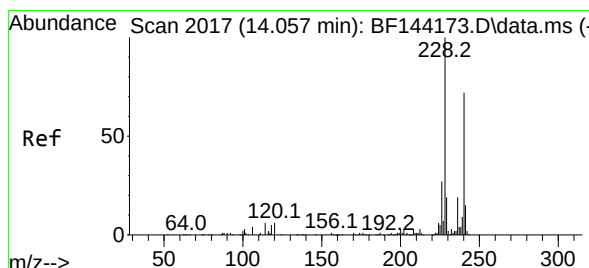
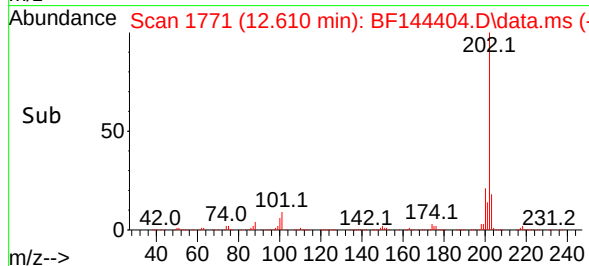
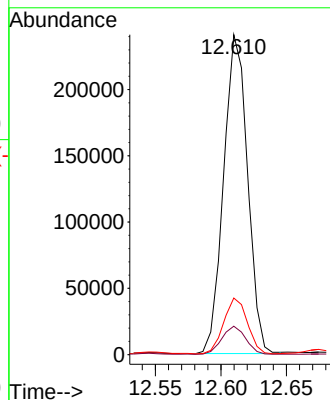
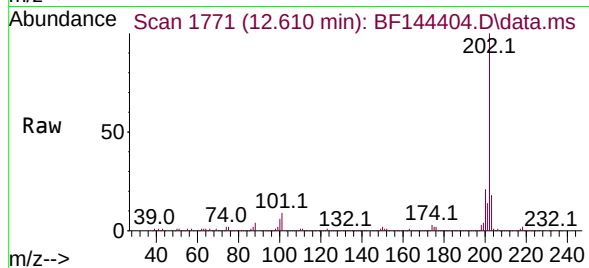
203 17.7 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144404.D

Acq: 02 Dec 2025 15:50

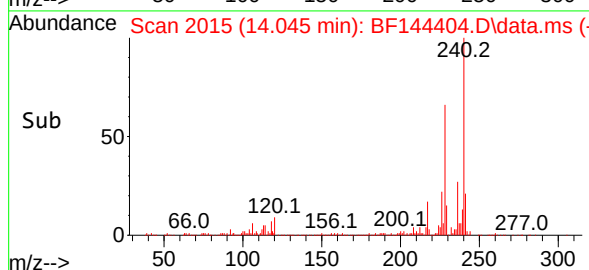
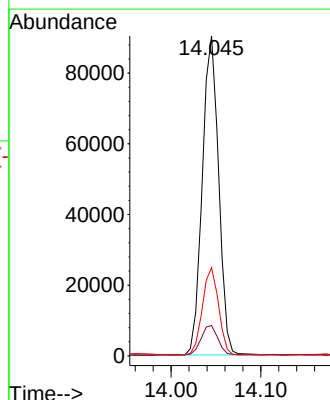
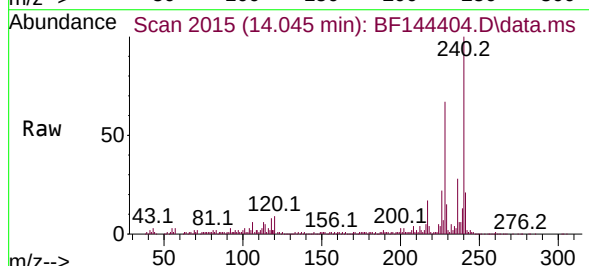
Tgt Ion:240 Resp: 114317

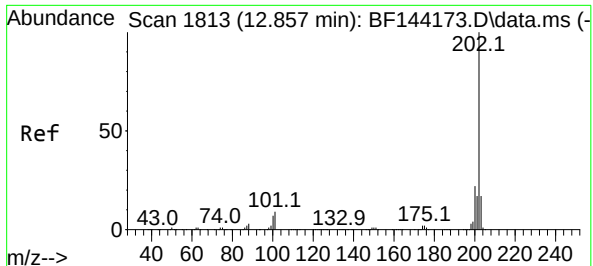
Ion Ratio Lower Upper

240 100

120 9.5 6.6 10.0

236 27.6 21.4 32.2





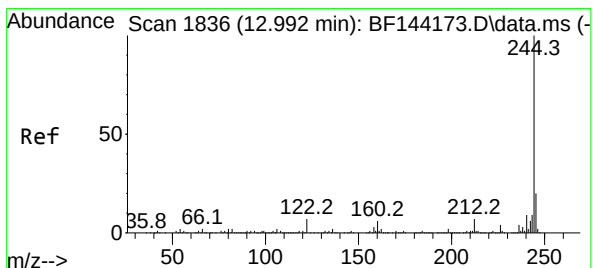
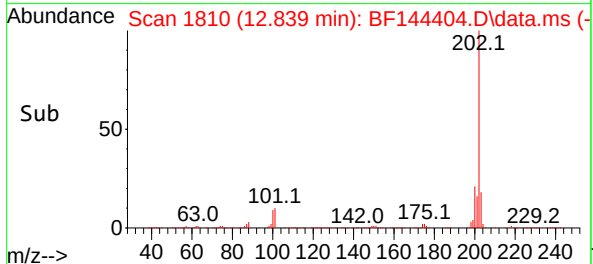
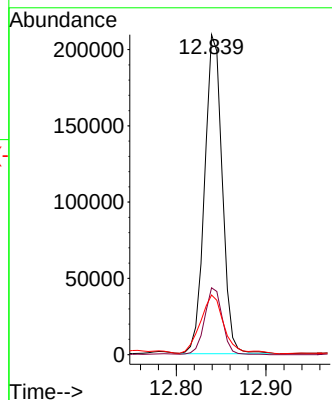
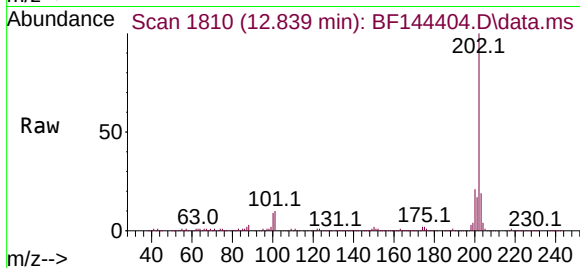
#78
Pyrene
Concen: 31.018 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144404.D
Acq: 02 Dec 2025 15:50

Instrument :
BNA_F
ClientSampleId :
SB-1125-20

Tgt Ion:202 Resp: 28590
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 18.6 13.7 20.5

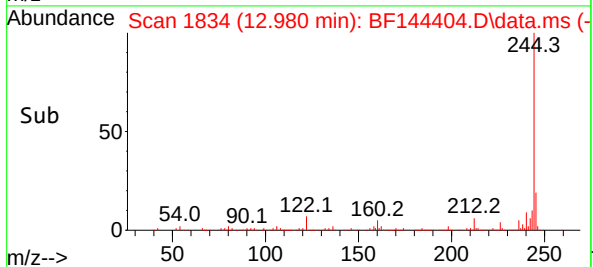
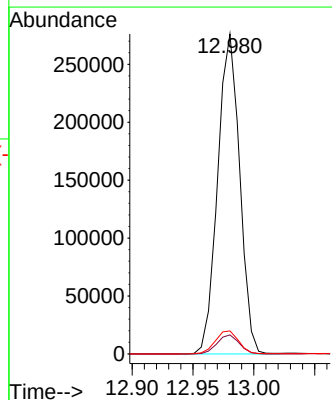
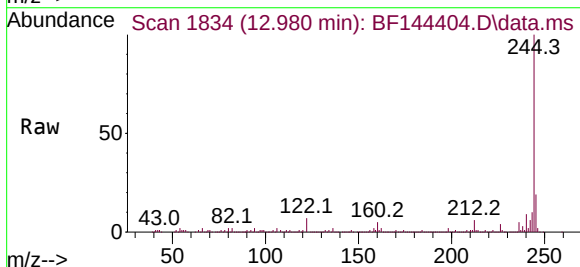
Manual Integrations
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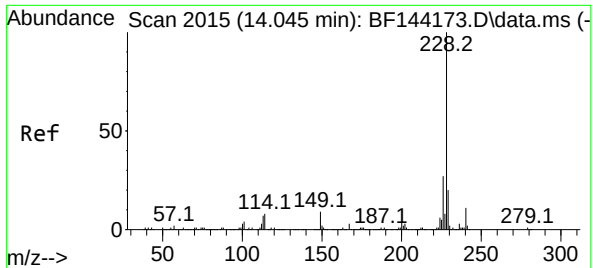
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#79
Terphenyl-d14
Concen: 48.384 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144404.D
Acq: 02 Dec 2025 15:50

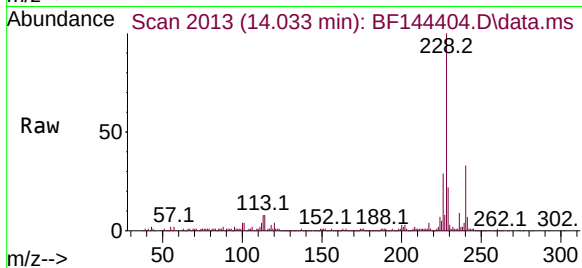
Tgt Ion:244 Resp: 348216
Ion Ratio Lower Upper
244 100
212 5.9 5.3 7.9
122 7.2 5.6 8.4





#81
Benzo(a)anthracene
Concen: 21.921 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF144404.D
Acq: 02 Dec 2025 15:50

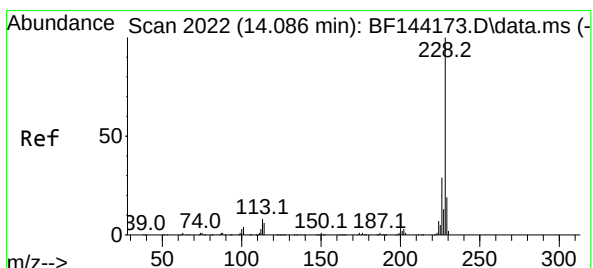
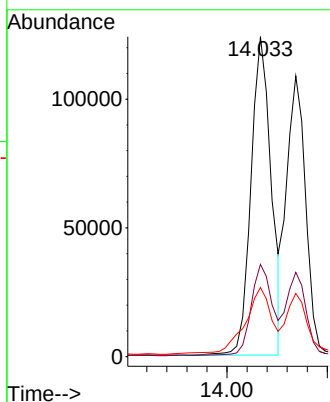
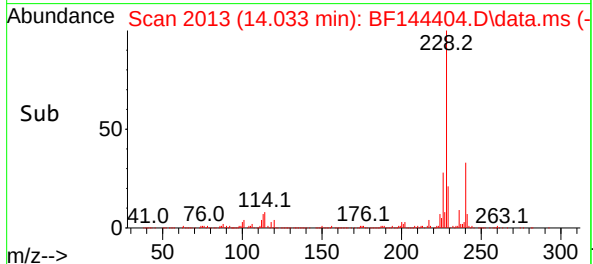
Instrument :
BNA_F
ClientSampleId :
SB-1125-20



Tgt Ion:228 Resp: 173681
Ion Ratio Lower Upper
228 100
226 28.8 21.8 32.8
229 21.6 15.8 23.6

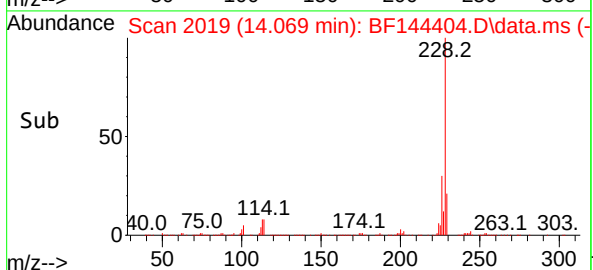
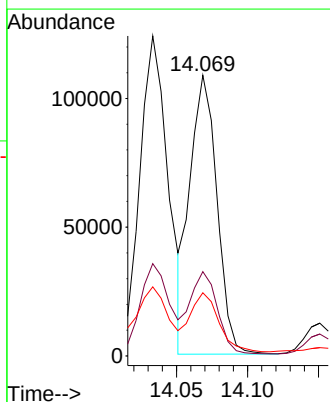
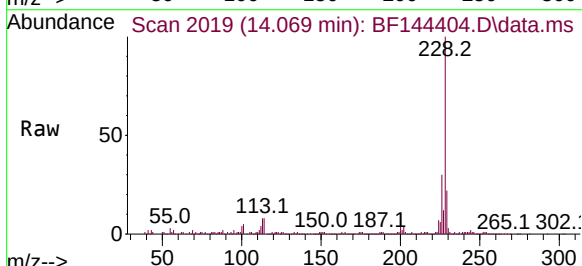
Manual Integrations
APPROVED

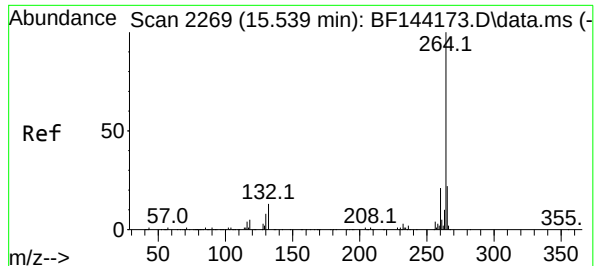
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#83
Chrysene
Concen: 19.592 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF144404.D
Acq: 02 Dec 2025 15:50

Tgt Ion:228 Resp: 143298
Ion Ratio Lower Upper
228 100
226 30.0 22.9 34.3
229 22.5 15.0 22.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144404.D

Acq: 02 Dec 2025 15:50

Instrument :

BNA_F

ClientSampleId :

SB-1125-20

Tgt Ion:264 Resp: 15514

Ion Ratio Lower Upper

264 100

260 22.3 17.1 25.7

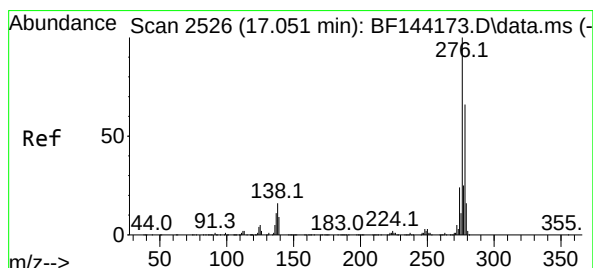
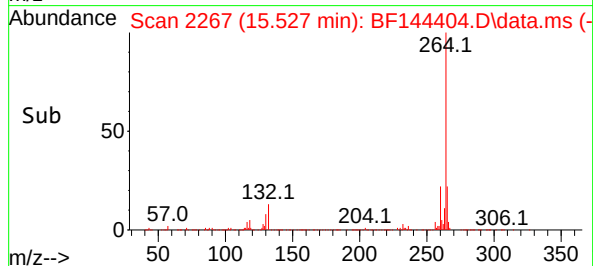
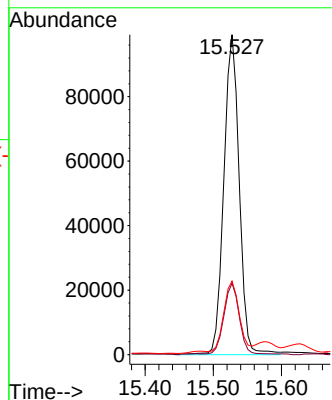
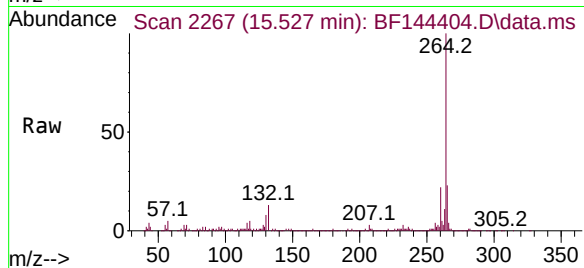
265 23.0 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 6.133 ng

RT: 17.021 min Scan# 2521

Delta R.T. -0.012 min

Lab File: BF144404.D

Acq: 02 Dec 2025 15:50

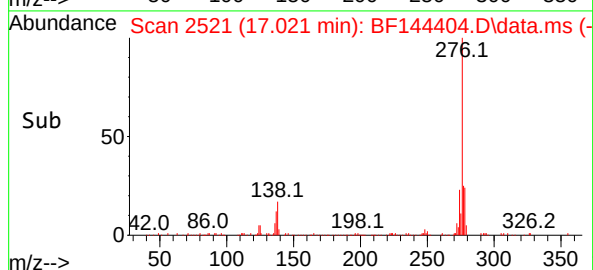
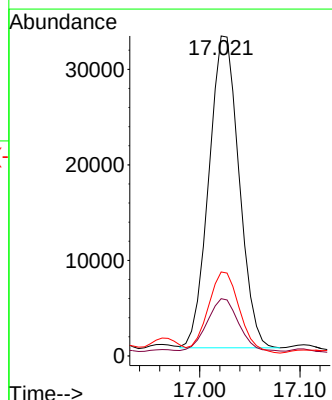
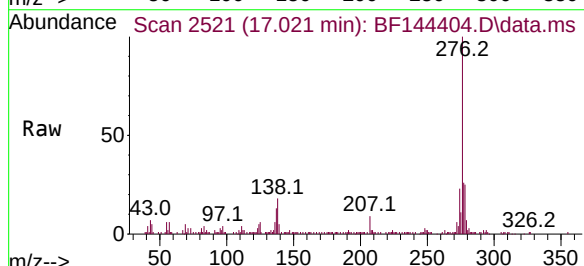
Tgt Ion:276 Resp: 68307

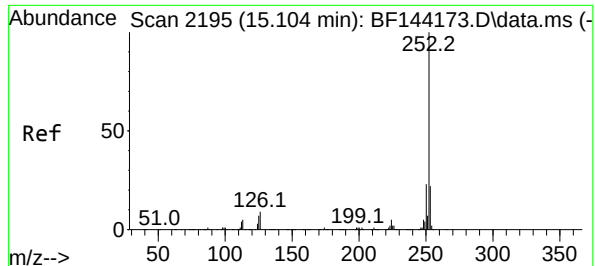
Ion Ratio Lower Upper

276 100

138 18.3 13.9 20.9

277 27.1 19.8 29.6





#88

Benzo(b)fluoranthene

Concen: 21.480 ng m

RT: 15.092 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144404.D

Acq: 02 Dec 2025 15:50

Instrument :

BNA_F

ClientSampleId :

SB-1125-20

Tgt Ion:252 Resp: 189459

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

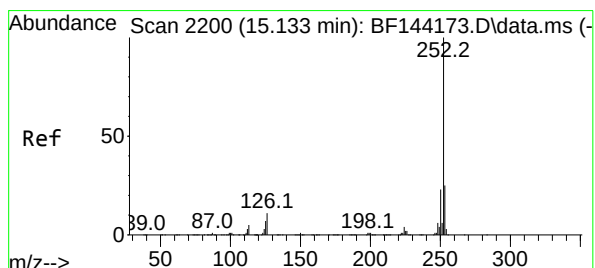
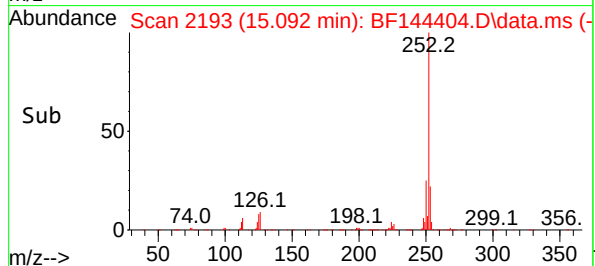
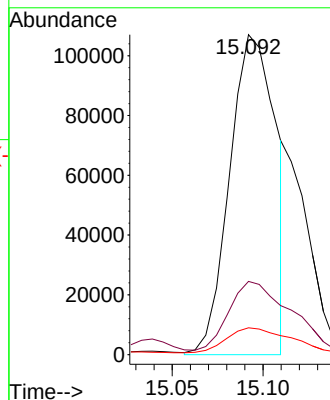
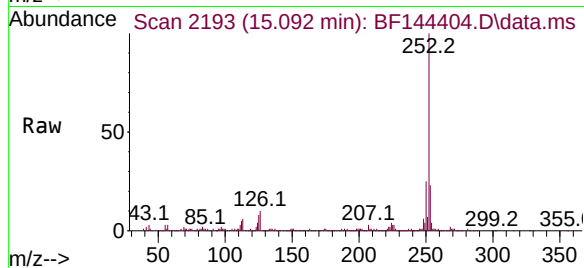
125 8.4 5.3 7.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#89

Benzo(k)fluoranthene

Concen: 7.456 ng m

RT: 15.110 min Scan# 2196

Delta R.T. -0.018 min

Lab File: BF144404.D

Acq: 02 Dec 2025 15:50

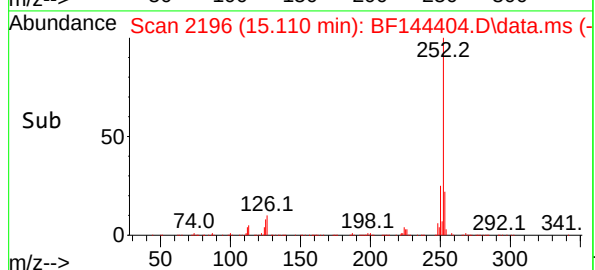
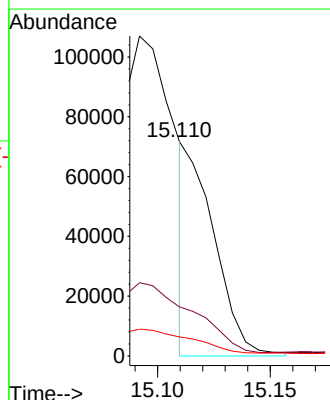
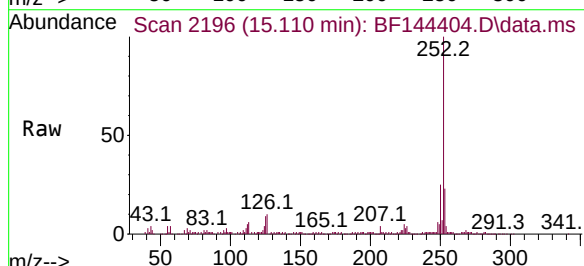
Tgt Ion:252 Resp: 61550

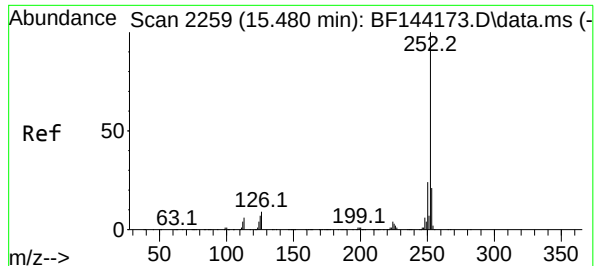
Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

125 8.8 5.4 8.2





#90

Benzo(a)pyrene

Concen: 18.279 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144404.D

Acq: 02 Dec 2025 15:50

Instrument :

BNA_F

ClientSampleId :

SB-1125-20

Tgt Ion:252 Resp: 148738

Ion Ratio Lower Upper

252 100

253 23.4 16.7 25.1

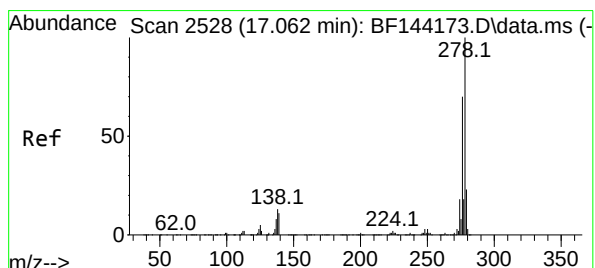
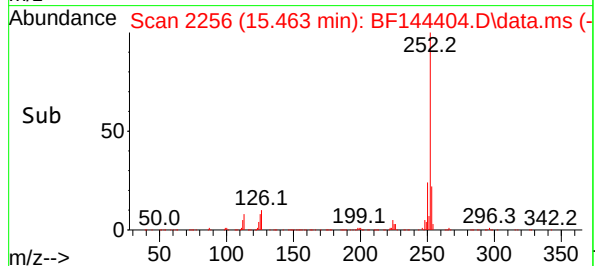
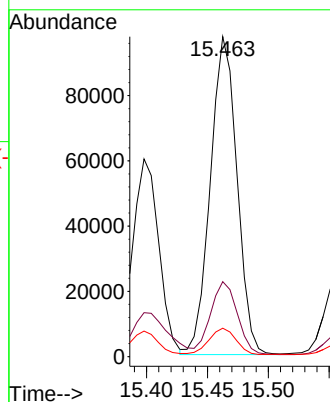
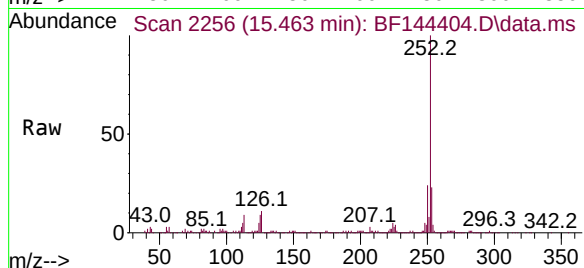
125 8.9 5.7 8.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#91

Dibenzo(a,h)anthracene

Concen: 2.116 ng

RT: 17.027 min Scan# 2522

Delta R.T. -0.024 min

Lab File: BF144404.D

Acq: 02 Dec 2025 15:50

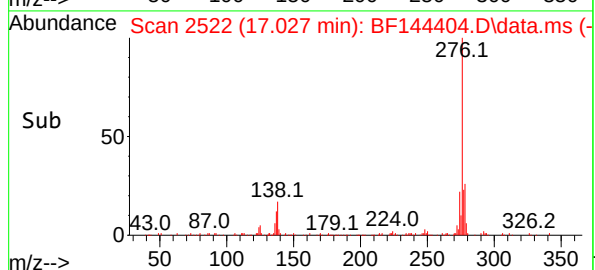
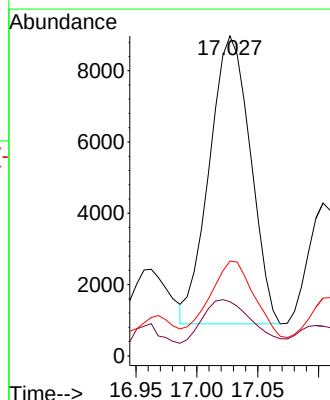
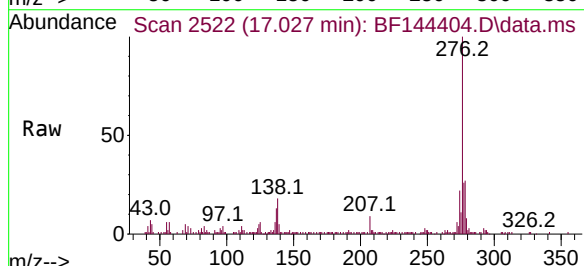
Tgt Ion:278 Resp: 18927

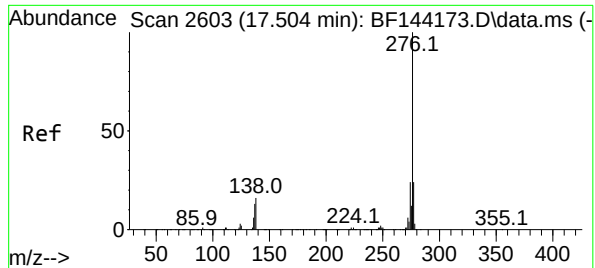
Ion Ratio Lower Upper

278 100

139 16.9 9.1 13.7#

279 29.6 18.2 27.4#





#92

Benzo(g,h,i)perylene

Concen: 6.957 ng m

RT: 17.480 min Scan# 2599

Delta R.T. -0.012 min

Lab File: BF144404.D

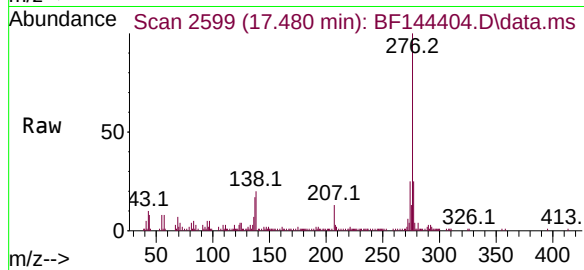
Acq: 02 Dec 2025 15:50

Instrument :

BNA_F

ClientSampleId :

SB-1125-20



Tgt Ion:276 Resp: 61450

Ion Ratio Lower Upper

276 100

277 24.9 19.0 28.4

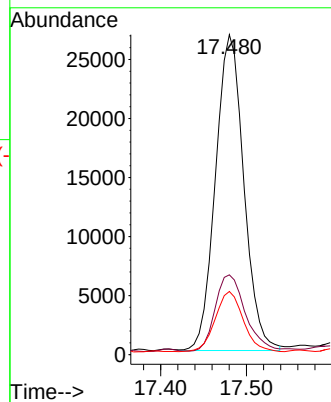
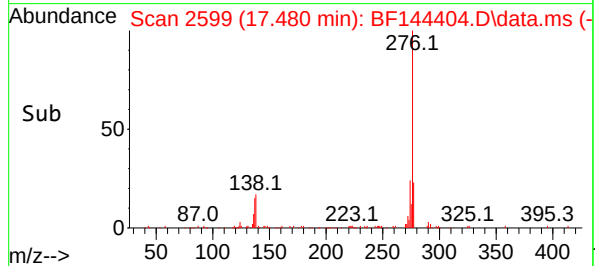
138 19.7 12.9 19.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144404.D
Acq On : 02 Dec 2025 15:50
Operator : RC/JU
Sample : Q3742-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-20

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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: BF144404.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.922	289	294	302	rBV	22137	36738	3.57%	0.240%
2	5.075	484	490	499	rBV	170591	248722	24.20%	1.622%
3	5.487	555	560	580	rVB	606345	836270	81.38%	5.452%
4	6.493	726	731	751	rBV	607091	858064	83.50%	5.594%
5	6.863	789	794	800	rBV	211973	270963	26.37%	1.767%
6	7.422	884	889	898	rBV	408027	525633	51.15%	3.427%
7	8.145	1004	1012	1029	rVB2	280826	571543	55.62%	3.726%
8	8.363	1043	1049	1057	rBV4	5713	11408	1.11%	0.074%
9	8.563	1079	1083	1093	rBV8	4606	10459	1.02%	0.068%
10	8.857	1129	1133	1140	rBV	21837	29388	2.86%	0.192%
11	8.957	1145	1150	1157	rVB	19584	26018	2.53%	0.170%
12	9.216	1189	1194	1203	rBV	816534	1027668	100.00%	6.700%
13	9.486	1235	1240	1246	rBV	13638	22051	2.15%	0.144%
14	9.557	1247	1252	1255	rBV	21338	30386	2.96%	0.198%
15	9.675	1270	1272	1282	rVB2	11859	20386	1.98%	0.133%
16	9.763	1282	1287	1292	rBV	21826	30484	2.97%	0.199%
17	9.898	1301	1310	1314	rBV	315673	425758	41.43%	2.776%
18	9.934	1314	1316	1321	rVB	70946	71932	7.00%	0.469%
19	10.057	1333	1337	1340	rBV2	11991	16696	1.62%	0.109%
20	10.104	1340	1345	1349	rBV2	43505	57904	5.63%	0.378%
21	10.145	1349	1352	1357	rVB3	11100	14704	1.43%	0.096%
22	10.216	1360	1364	1366	rBV2	11517	15843	1.54%	0.103%
23	10.304	1375	1379	1381	rBV3	11007	15023	1.46%	0.098%
24	10.451	1399	1404	1409	rVB	92250	120972	11.77%	0.789%
25	10.533	1409	1418	1425	rBV5	22743	66966	6.52%	0.437%
26	10.610	1427	1431	1436	rVB	105714	143661	13.98%	0.937%
27	10.692	1440	1445	1451	rBV	475689	614804	59.83%	4.008%
28	10.798	1459	1463	1472	rVB2	47316	73674	7.17%	0.480%
29	10.886	1474	1478	1480	rBV4	7591	11094	1.08%	0.072%
30	10.928	1481	1485	1490	rVB2	19612	26314	2.56%	0.172%
31	10.998	1491	1497	1500	rBV2	28924	50846	4.95%	0.331%
32	11.028	1500	1502	1508	rVV3	13094	22164	2.16%	0.144%
33	11.086	1509	1512	1515	rVV4	10725	15193	1.48%	0.099%
34	11.133	1515	1520	1527	rVV5	24725	52820	5.14%	0.344%
35	11.251	1535	1540	1543	rBV3	42201	61588	5.99%	0.402%
36	11.286	1543	1546	1552	rVB	45474	64305	6.26%	0.419%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144404.D
Acq On : 02 Dec 2025 15:50
Operator : RC/JU
Sample : Q3742-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-20

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

37	11.392	1559	1564	1565	rBV	287099	319359	31.08%	2.082%
38	11.416	1565	1568	1573	rVB	555008	735216	71.54%	4.793%
39	11.469	1573	1577	1581	rBV	162725	208648	20.30%	1.360%
40	11.545	1586	1590	1595	rVB3	27652	40188	3.91%	0.262%
41	11.628	1599	1604	1611	rBV2	48736	86856	8.45%	0.566%
42	11.722	1616	1620	1626	rVB7	24532	48152	4.69%	0.314%
43	11.916	1645	1653	1659	rBV2	196800	418014	40.68%	2.725%
44	11.975	1659	1663	1665	rVV	49469	72702	7.07%	0.474%
45	12.010	1665	1669	1677	rVB2	137869	263506	25.64%	1.718%
46	12.133	1687	1690	1693	rBV5	22902	27838	2.71%	0.181%
47	12.192	1697	1700	1703	rVV	45680	55711	5.42%	0.363%
48	12.245	1707	1709	1716	rVB3	27296	40845	3.97%	0.266%
49	12.339	1721	1725	1728	rBV2	35535	46593	4.53%	0.304%
50	12.445	1739	1743	1746	rBV2	36461	51232	4.99%	0.334%
51	12.610	1766	1771	1775	rBV	525076	674189	65.60%	4.395%
52	12.645	1775	1777	1780	rVV2	40463	51821	5.04%	0.338%
53	12.704	1784	1787	1792	rVV2	36199	55481	5.40%	0.362%
54	12.763	1795	1797	1800	rVV	23433	27754	2.70%	0.181%
55	12.839	1803	1810	1816	rVV2	448090	731902	71.22%	4.772%
56	12.892	1816	1819	1824	rVB2	39405	55160	5.37%	0.360%
57	12.980	1827	1834	1841	rVB	653151	901387	87.71%	5.877%
58	13.057	1842	1847	1852	rBV2	51621	100644	9.79%	0.656%
59	13.169	1859	1866	1870	rVB	106303	175331	17.06%	1.143%
60	13.233	1874	1877	1880	rVV2	91026	116080	11.30%	0.757%
61	13.274	1880	1884	1891	rVB3	64313	114931	11.18%	0.749%
62	13.369	1897	1900	1902	rBV2	26068	29124	2.83%	0.190%
63	13.398	1902	1905	1913	rVB2	37447	53737	5.23%	0.350%
64	13.792	1969	1972	1974	rBV	31046	39747	3.87%	0.259%
65	14.039	2007	2014	2017	rBV2	453935	784020	76.29%	5.111%
66	14.069	2017	2019	2027	rVB	261497	322692	31.40%	2.104%
67	14.151	2030	2033	2036	rVB	34353	38416	3.74%	0.250%
68	14.427	2077	2080	2084	rVB	52748	63978	6.23%	0.417%
69	14.521	2090	2096	2100	rBV7	40905	99629	9.69%	0.650%
70	15.092	2188	2193	2207	rBV	240387	625721	60.89%	4.079%
71	15.198	2208	2211	2222	rVB	57275	101386	9.87%	0.661%
72	15.398	2241	2245	2251	rVB	141274	221050	21.51%	1.441%
73	15.463	2251	2256	2261	rBV	222277	329607	32.07%	2.149%
74	15.527	2262	2267	2271	rBV	233454	385851	37.55%	2.516%
75	17.027	2516	2522	2530	rBV2	92419	196624	19.13%	1.282%
76	17.480	2594	2599	2607	rVB	61042	128893	12.54%	0.840%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144404.D
Acq On : 02 Dec 2025 15:50
Operator : RC/JU
Sample : Q3742-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-20

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

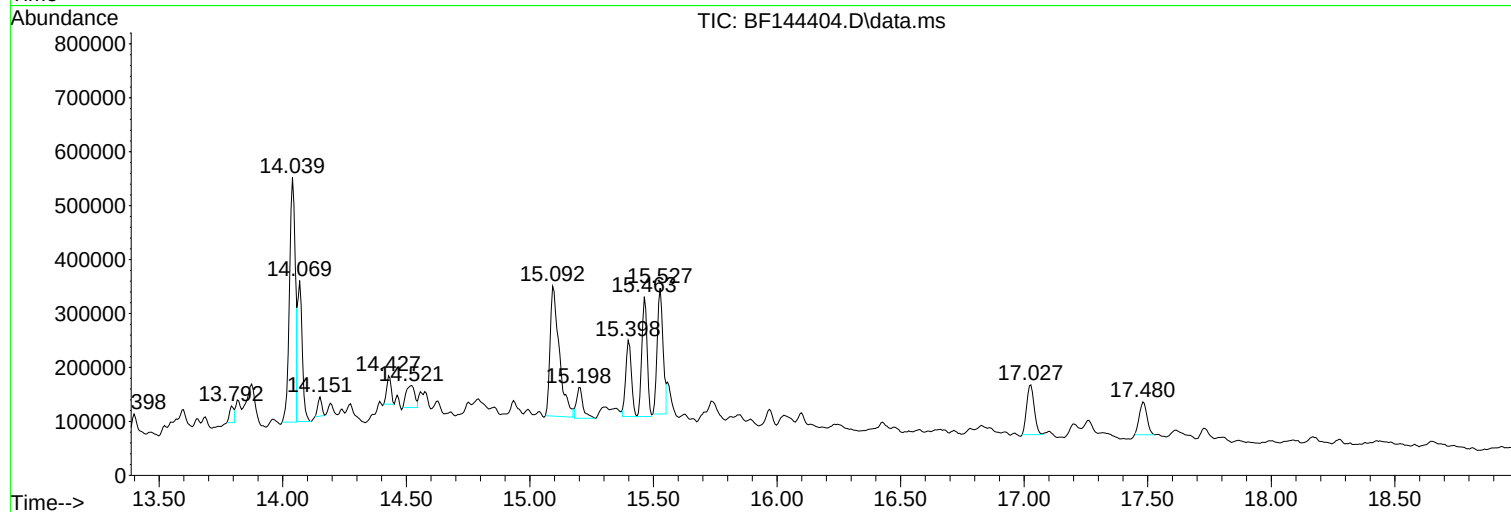
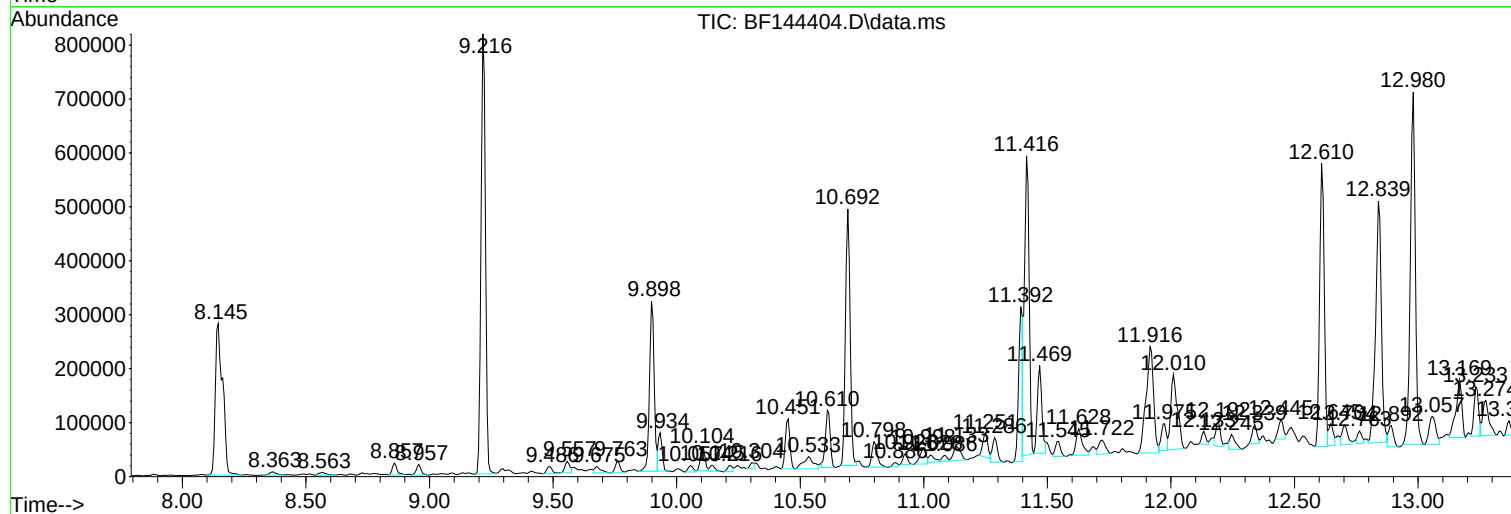
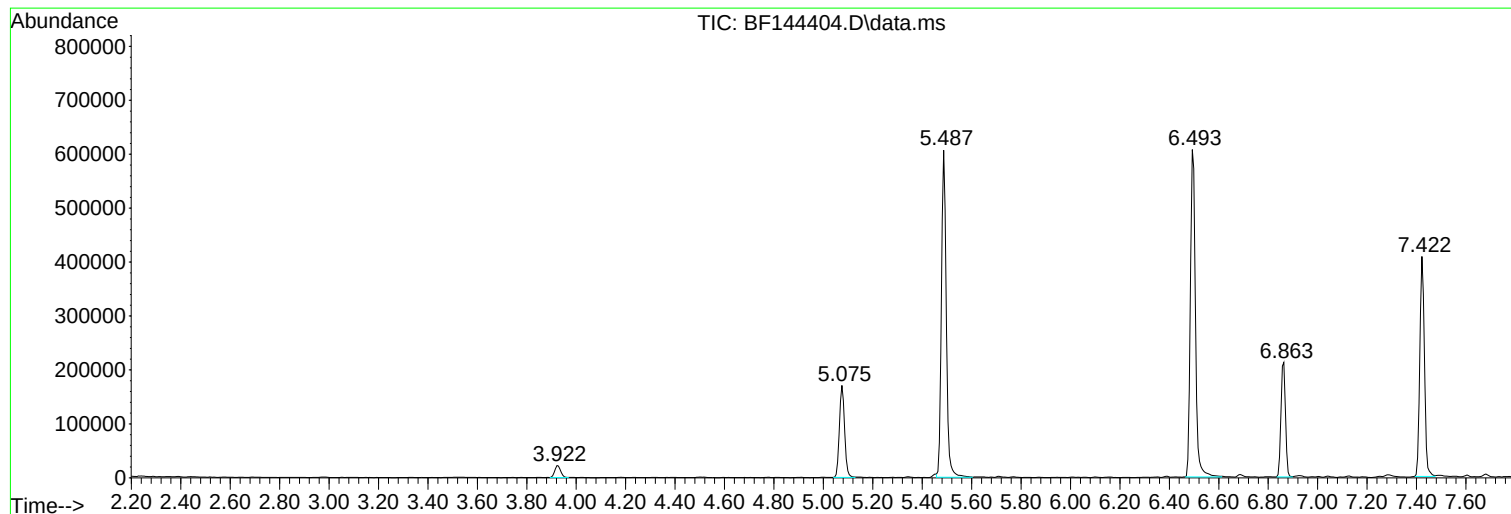
Sum of corrected areas: 15338457

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144404.D
Acq On : 02 Dec 2025 15:50
Operator : RC/JU
Sample : Q3742-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-20

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144404.D
Acq On : 02 Dec 2025 15:50
Operator : RC/JU
Sample : Q3742-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-20

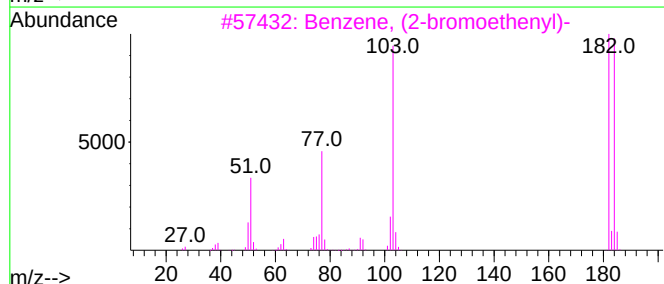
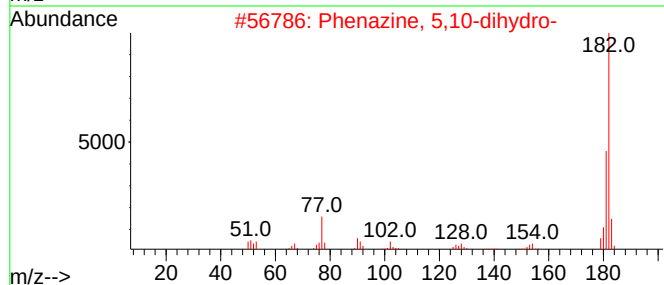
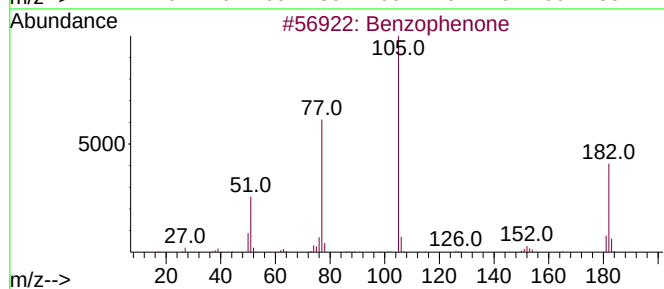
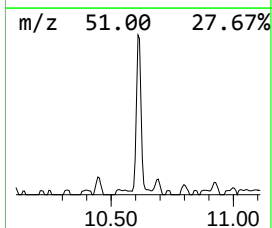
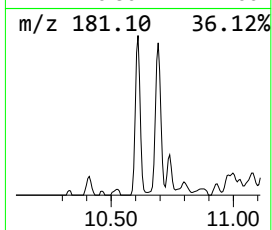
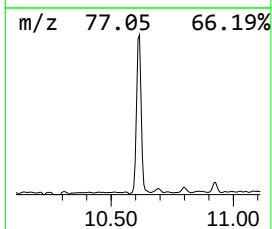
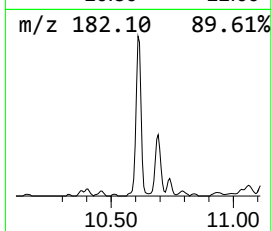
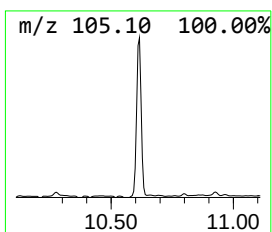
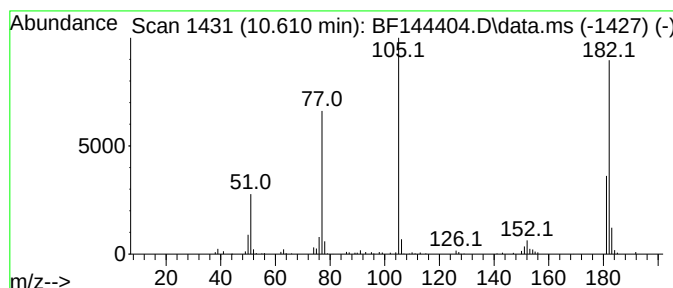
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	6.75 ng	143661	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	49
3			Benzene, (2-bromoethenyl)-	182	C8H7Br	000103-64-0	47
4			3-Aminocarbazole	182	C12H10N2	006377-12-4	43
5			Benzoylformic acid	150	C8H6O3	000611-73-4	42



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Operator : RC/JU
Sample : Q3742-08
Misc :
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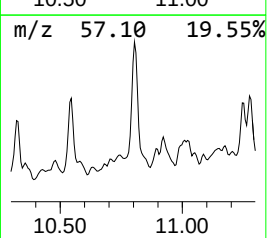
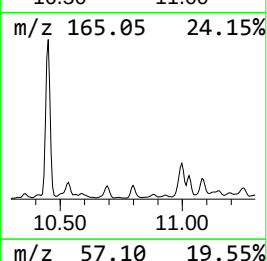
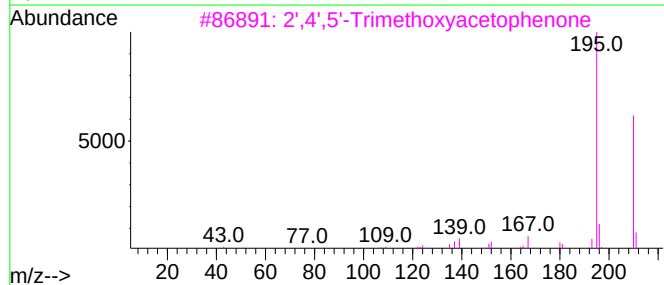
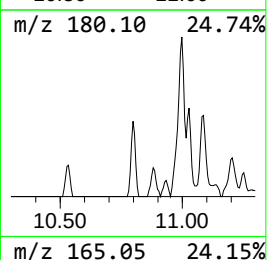
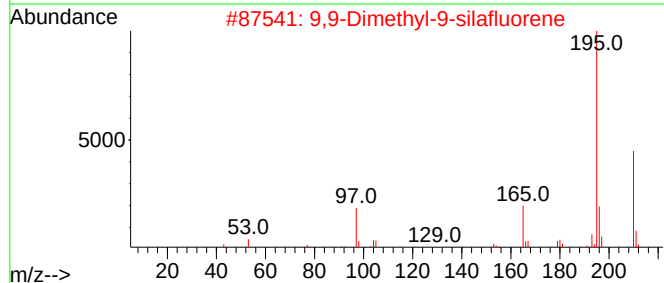
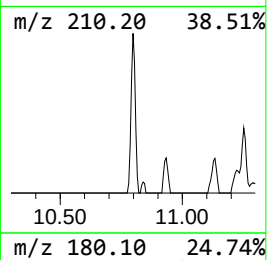
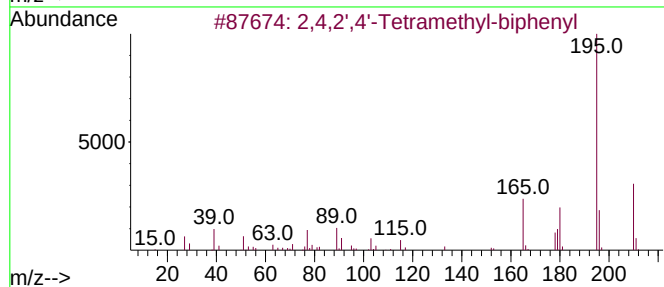
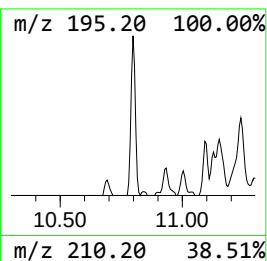
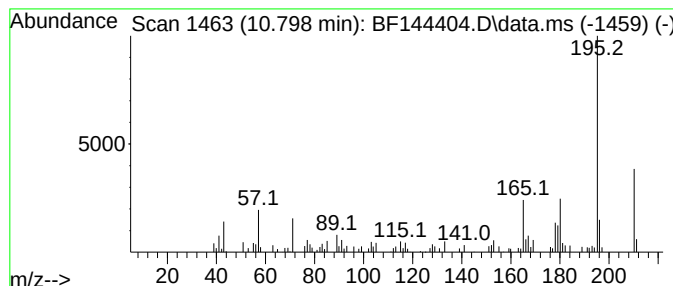
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.798	4.61 ng	73674	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl		210	C16H18	1000486-97-7	87
2	9,9-Dimethyl-9-silafluorene		210	C14H14Si	013688-68-1	74
3	2',4',5'-Trimethoxyacetophenone		210	C11H14O4	1000433-06-4	70
4	(4-Acetylphenyl)phenylmethane		210	C15H14O	000782-92-3	68
5	2,4,6-Trimethoxyacetophenone		210	C11H14O4	000832-58-6	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144404.D
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Misc :
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ClientSampleId :
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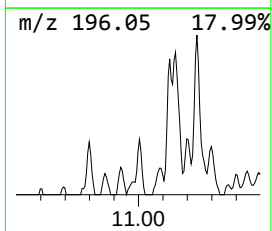
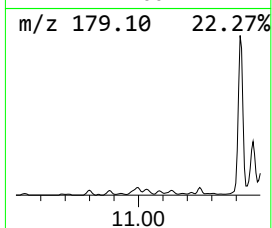
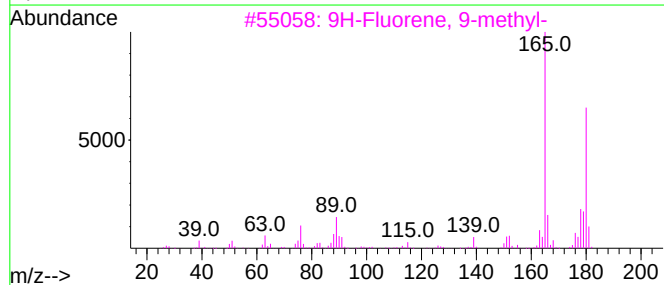
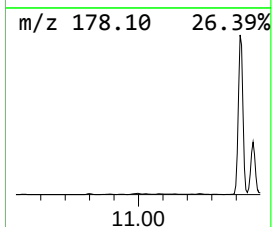
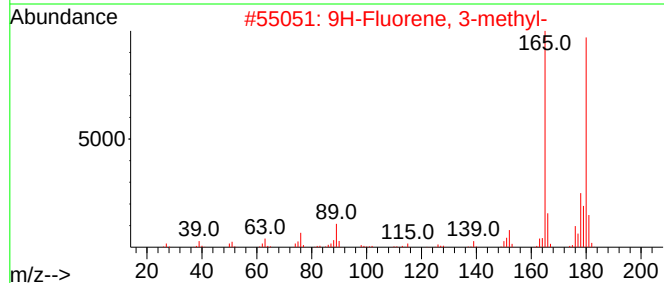
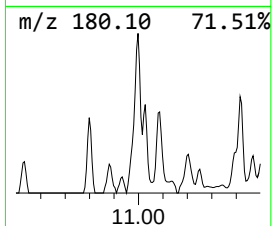
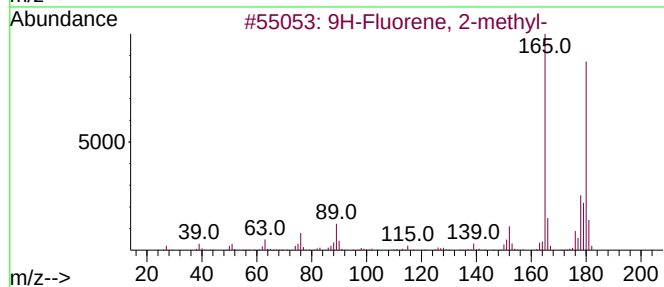
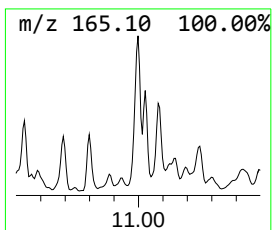
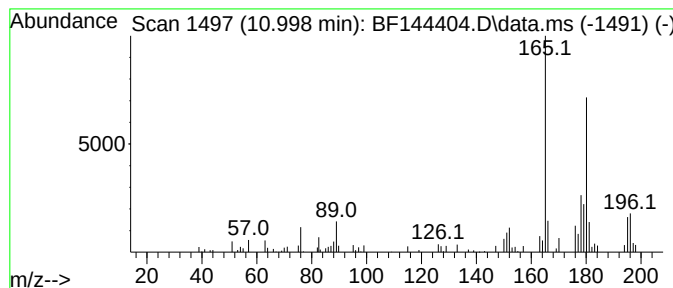
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.998	3.18 ng	50846	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	91
3			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
4			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
5			9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144404.D
Acq On : 02 Dec 2025 15:50
Operator : RC/JU
Sample : Q3742-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

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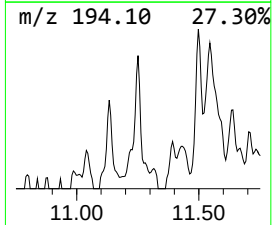
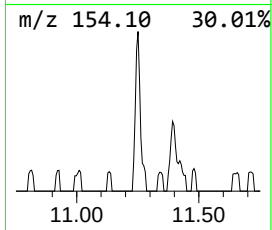
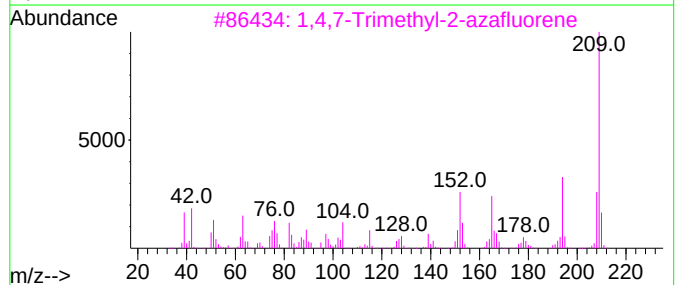
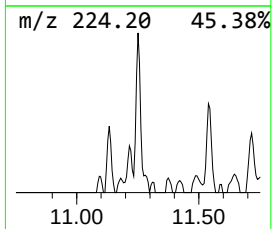
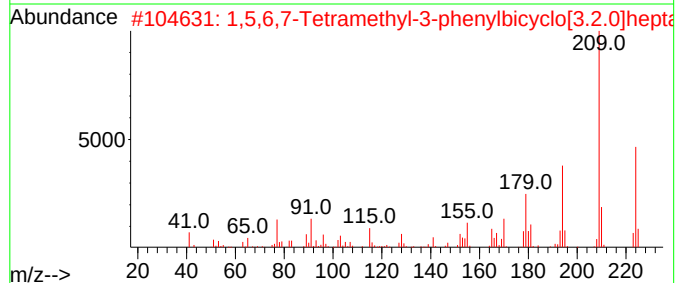
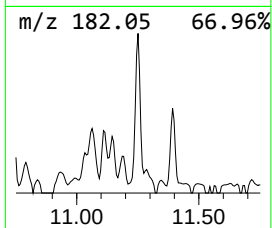
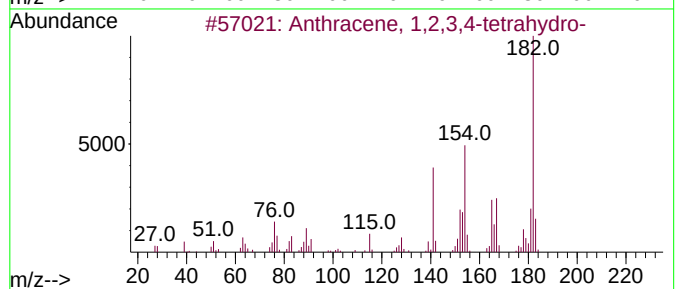
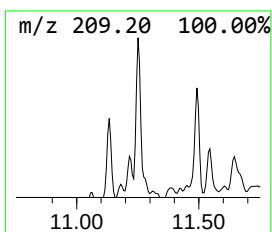
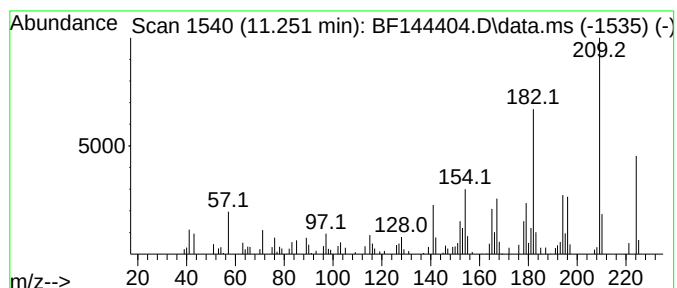
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	3.86 ng	61588	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	91
2			1,5,6,7-Tetramethyl-3-phenylbicy...	224	C17H20	126584-00-7	83
3			1,4,7-Trimethyl-2-azafluorene	209	C15H15N	062736-78-1	46
4			benzene, 1,1'-(1-methylethyliden...	224	C17H20	1000400-89-0	43
5			Bicyclo[3.2.1]octa-2,6-diene, 2-...	182	C14H14	101166-08-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
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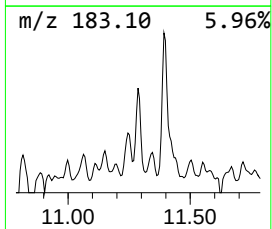
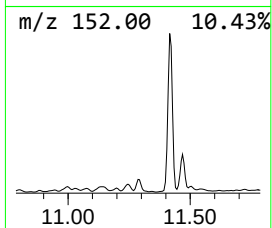
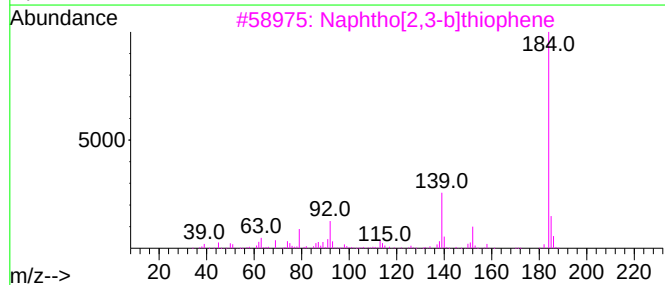
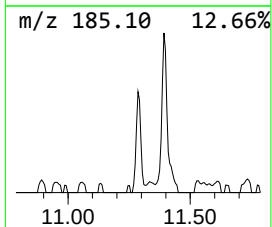
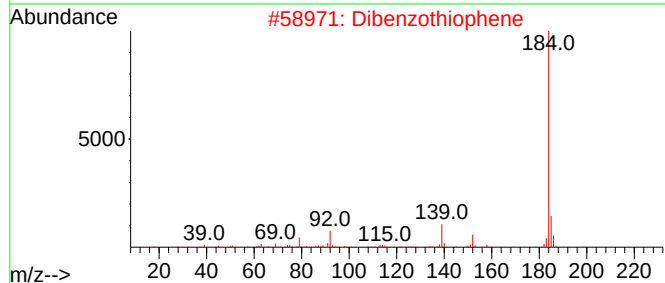
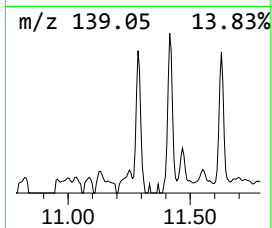
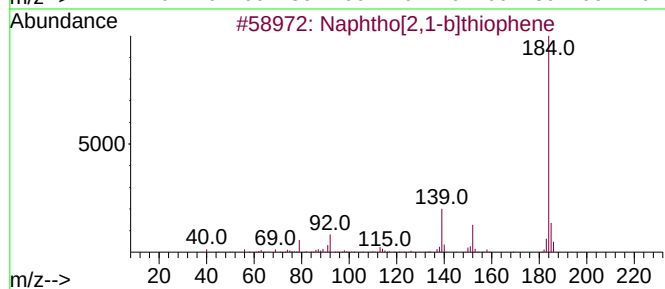
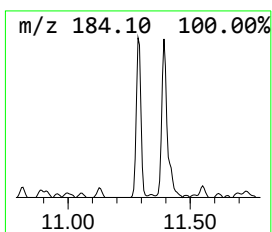
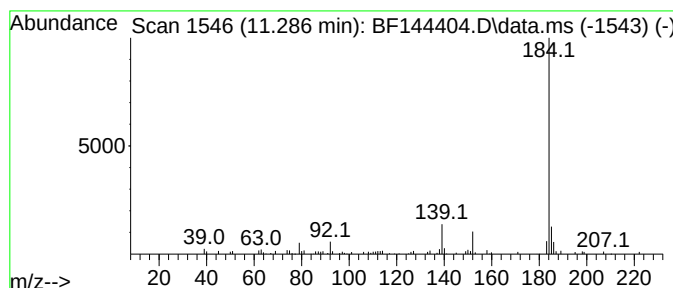
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.286	4.03 ng	64305	Phenanthrene-d10	11.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144404.D
Acq On : 02 Dec 2025 15:50
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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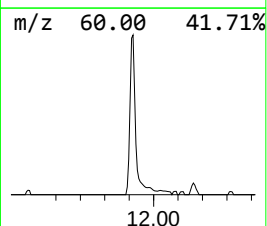
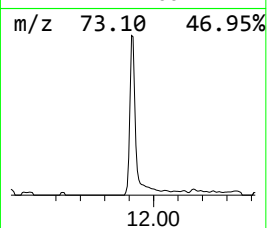
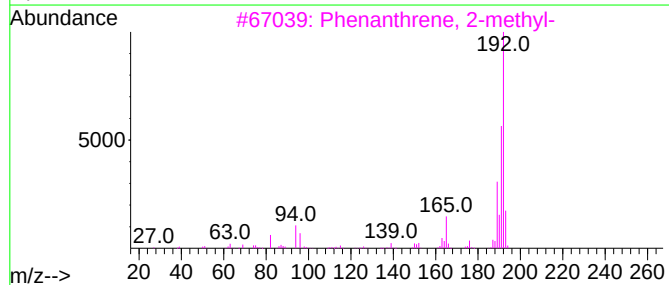
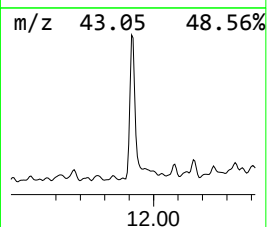
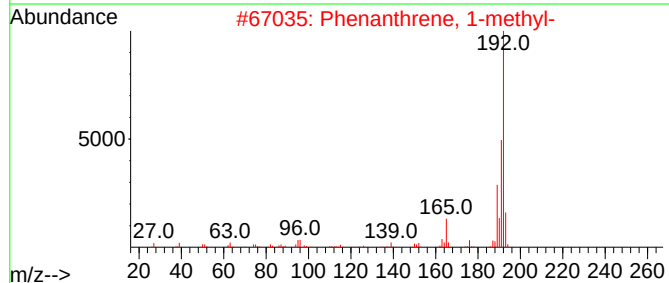
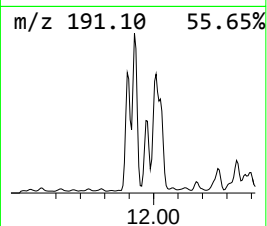
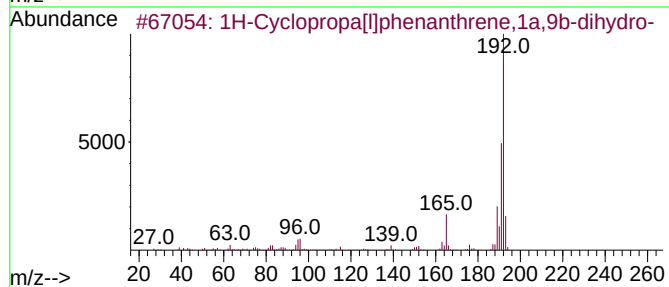
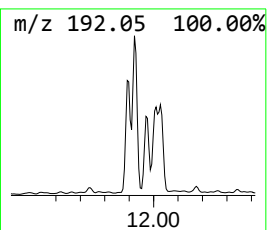
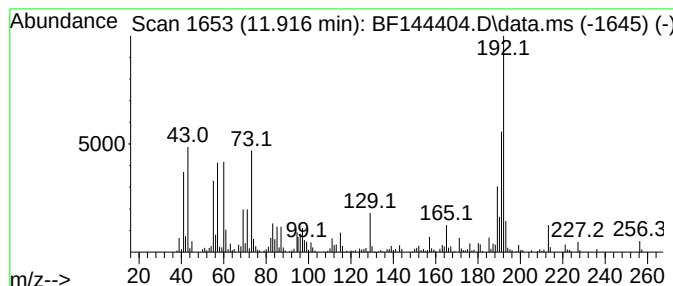
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	26.18 ng	418014	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
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ALS Vial : 8 Sample Multiplier: 1

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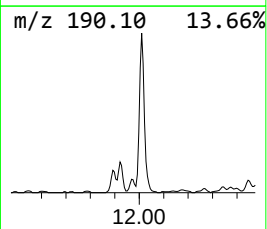
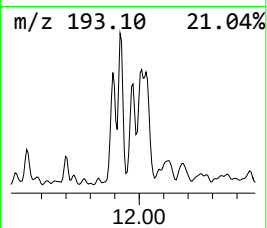
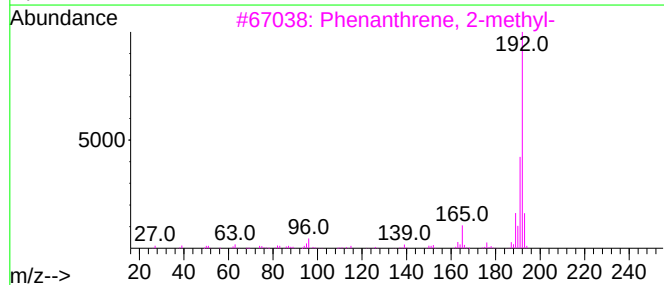
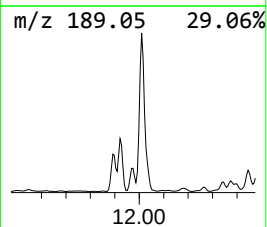
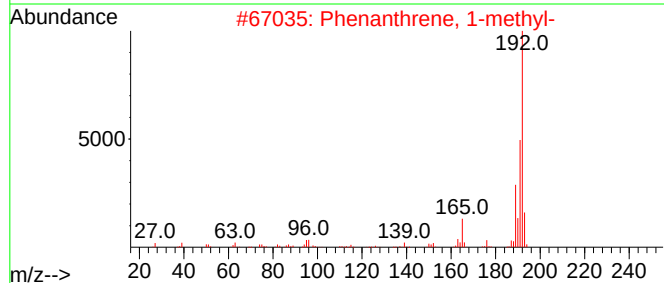
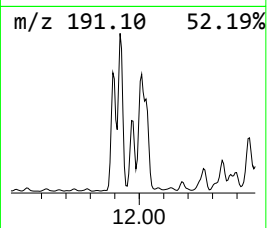
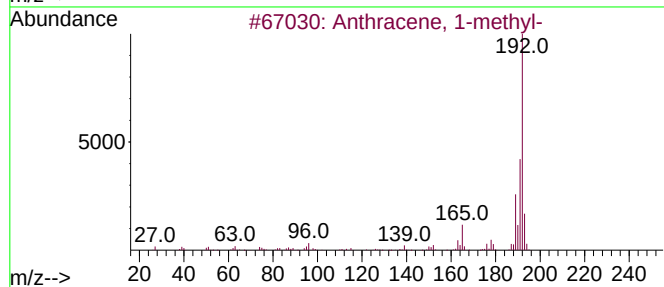
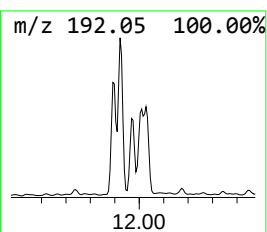
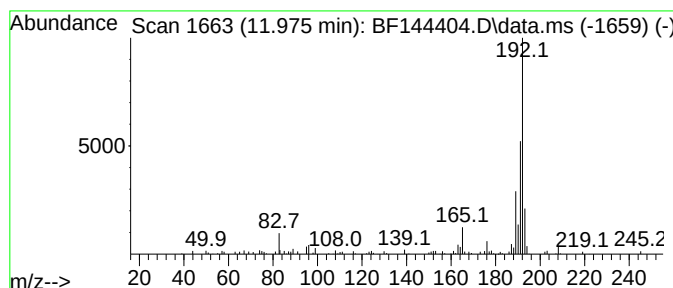
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	4.55 ng	72702	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
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Acq On : 02 Dec 2025 15:50
Operator : RC/JU
Sample : Q3742-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

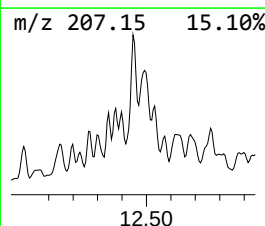
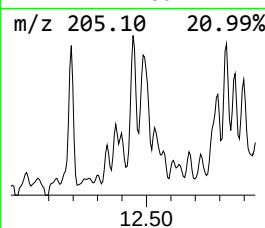
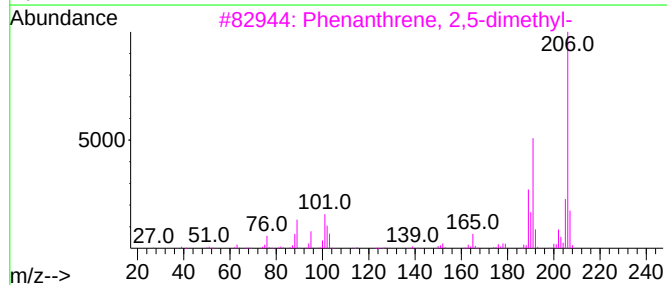
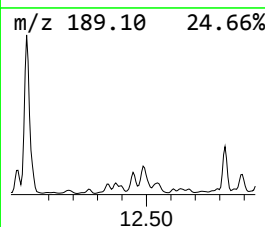
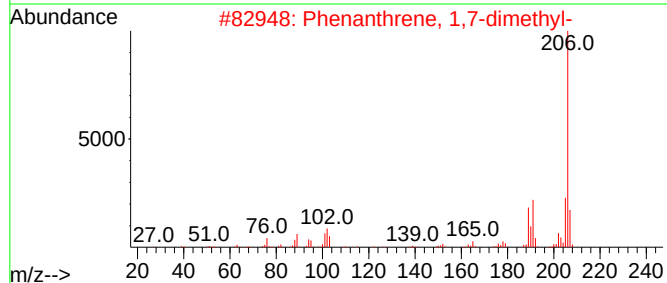
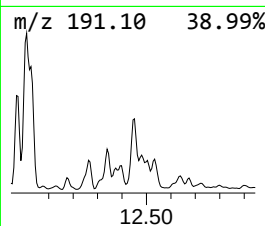
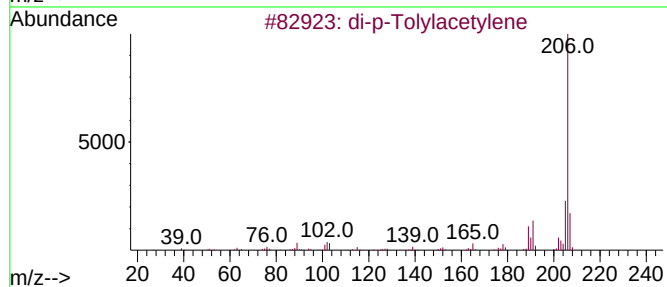
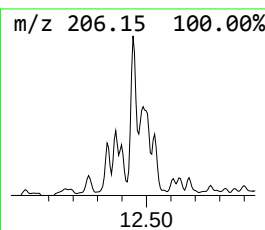
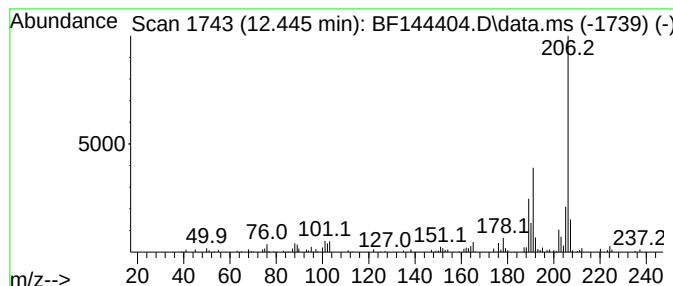
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ClientSampleId :
SB-1125-20

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

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

Peak Number 14 di-p-Tolylacetylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.445	3.21 ng	51232	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene		206	C16H14	002789-88-0	94
2	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	93
3	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	93
4	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	93
5	3,4-Dimethylphenanthrene		206	C16H14	1000452-24-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144404.D
Acq On : 02 Dec 2025 15:50
Operator : RC/JU
Sample : Q3742-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-20

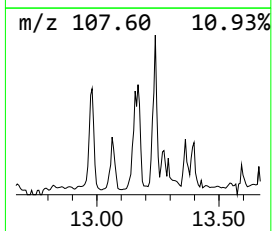
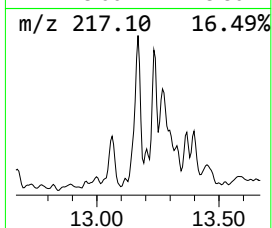
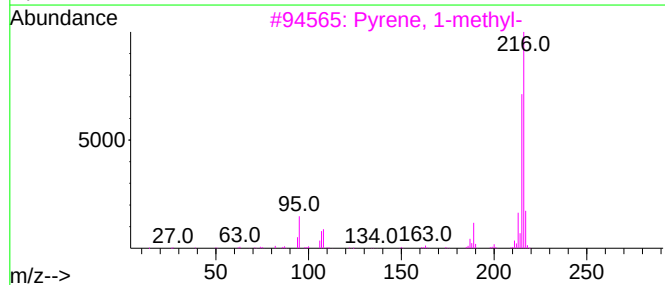
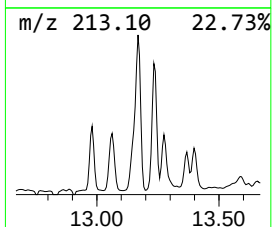
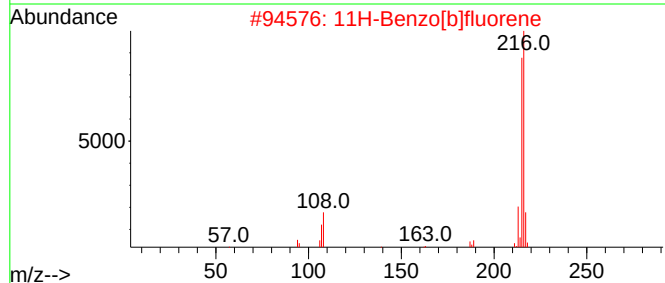
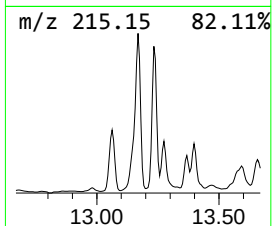
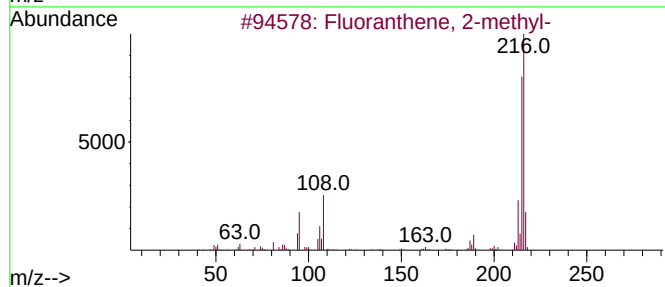
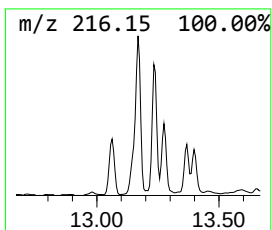
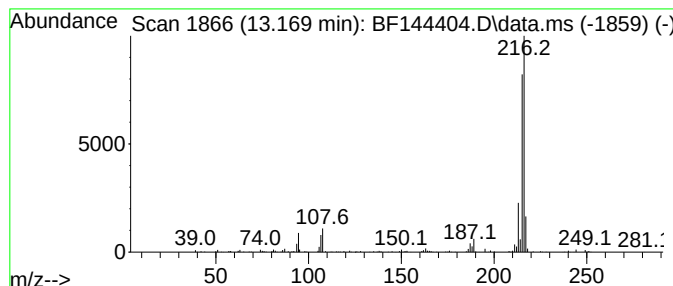
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	4.47 ng	175331	Chrysene-d12	14.045

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144404.D
Acq On : 02 Dec 2025 15:50
Operator : RC/JU
Sample : Q3742-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-20

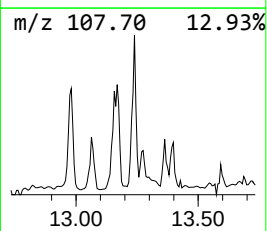
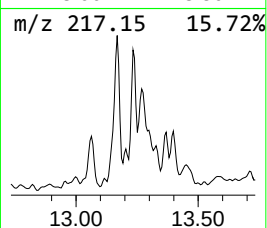
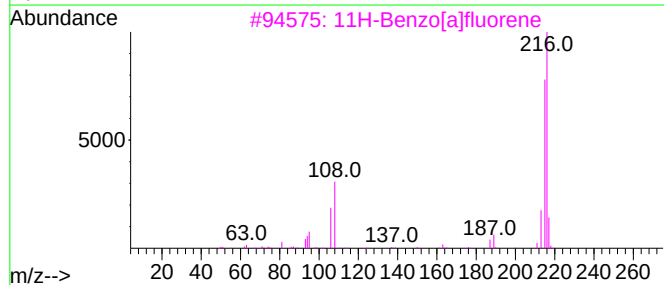
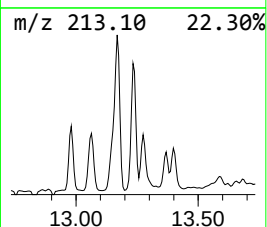
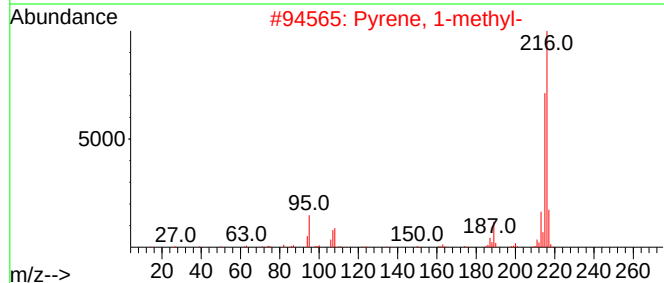
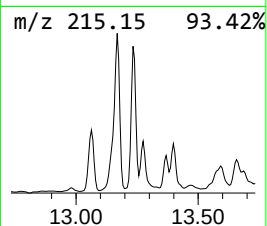
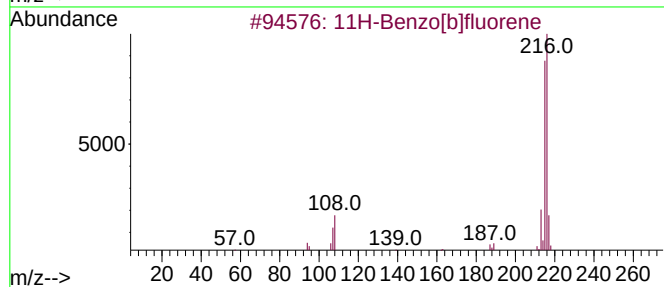
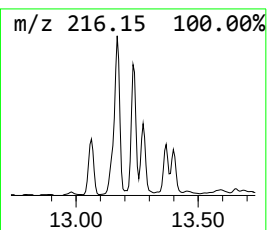
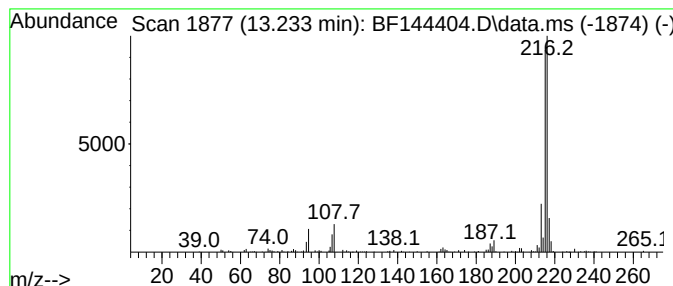
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.233	2.96 ng	116080	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144404.D
Acq On : 02 Dec 2025 15:50
Operator : RC/JU
Sample : Q3742-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

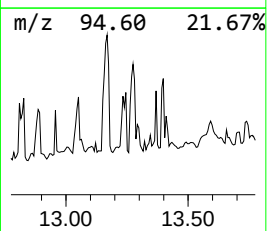
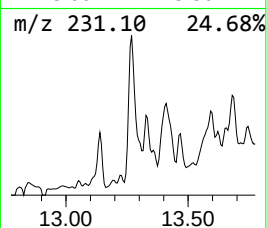
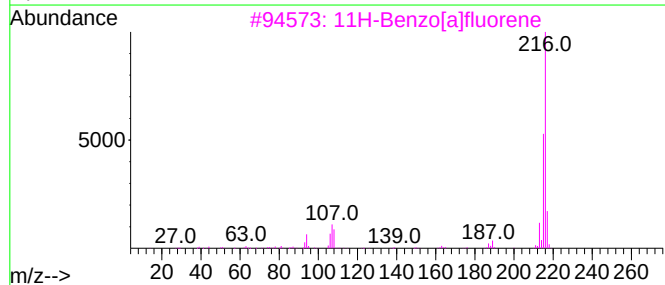
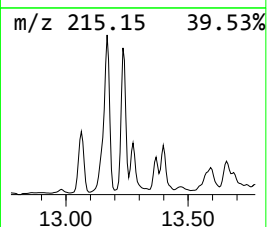
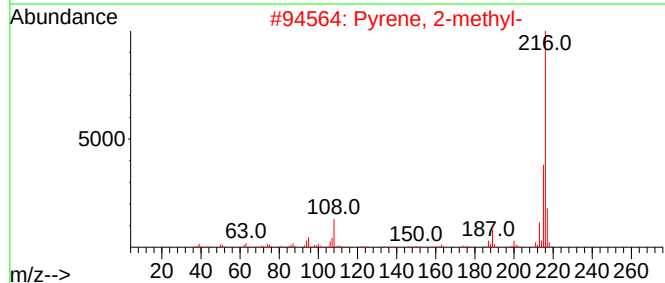
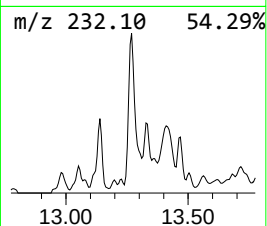
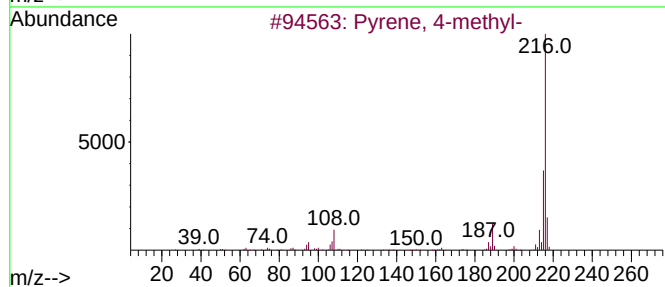
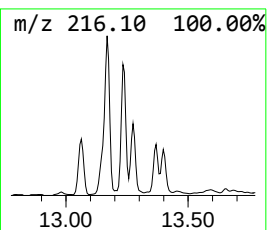
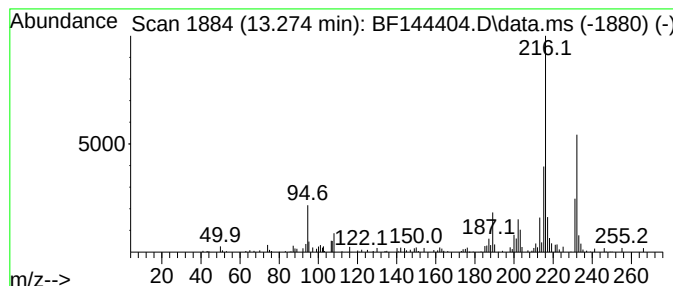
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pyrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.275	2.93 ng	114931	Chrysene-d12		14.045	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53
4		4-(4-Nitrophenyl)pyrimidin-2-amine	216	C10H8N4O2	099361-84-9	46
5		4H-Thiazolo[5,4-b]indole, 2,5,7-...	216	C12H12N2S	1010304-43-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144404.D
Acq On : 02 Dec 2025 15:50
Operator : RC/JU
Sample : Q3742-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-20

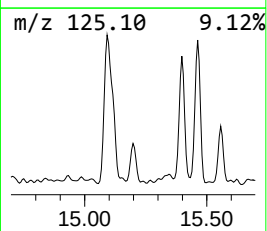
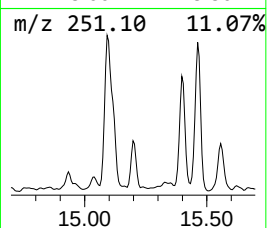
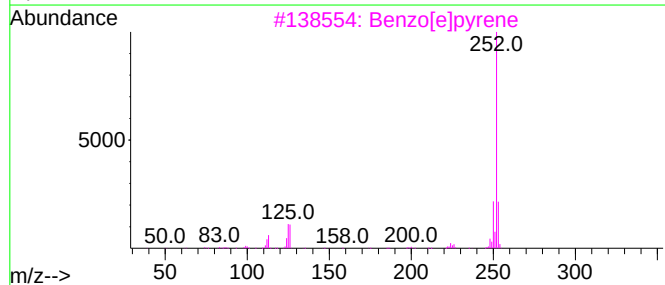
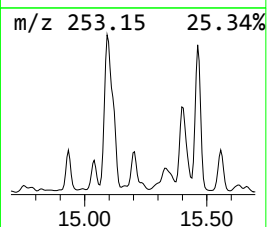
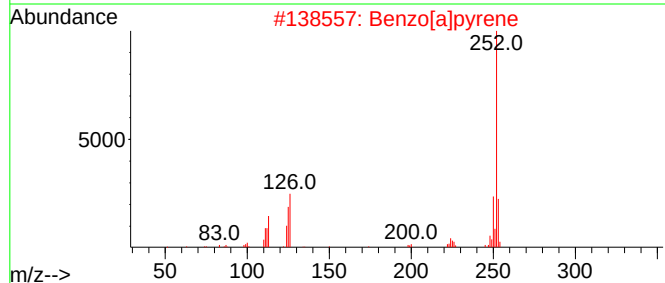
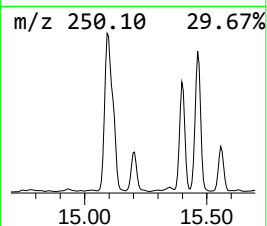
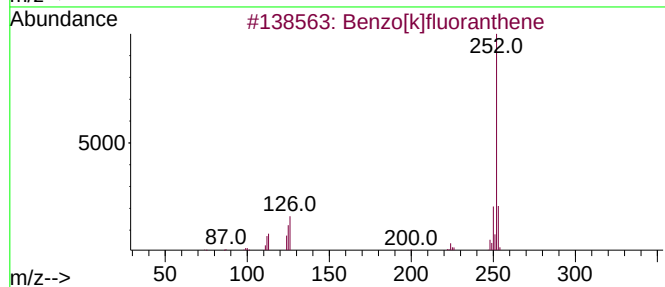
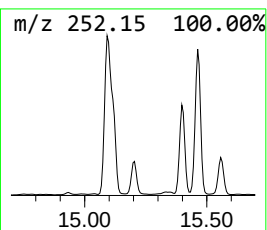
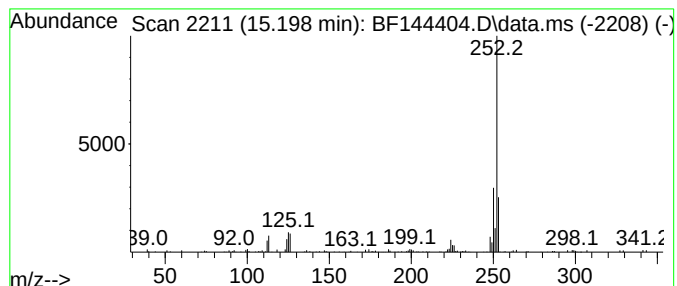
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	5.26 ng	101386	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2			Benzo[a]pyrene	252	C20H12	000050-32-8	93
3			Benzo[e]pyrene	252	C20H12	000192-97-2	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144404.D
Acq On : 02 Dec 2025 15:50
Operator : RC/JU
Sample : Q3742-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

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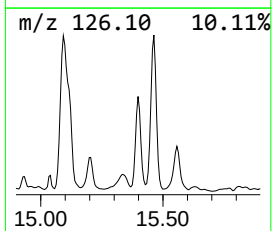
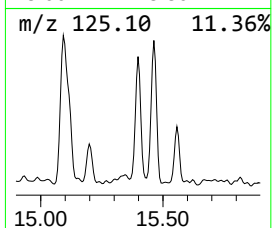
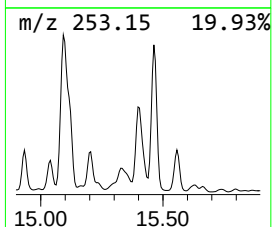
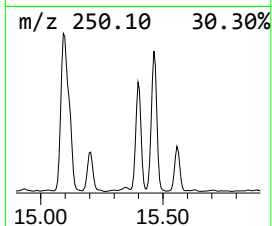
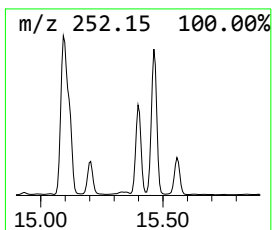
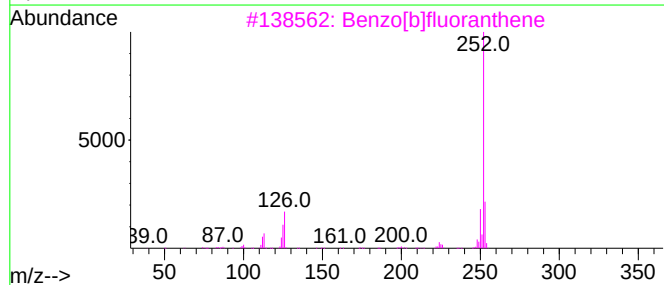
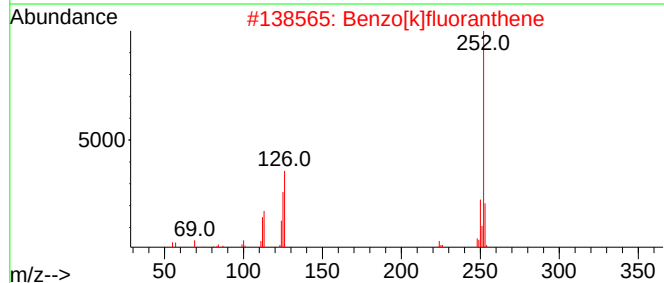
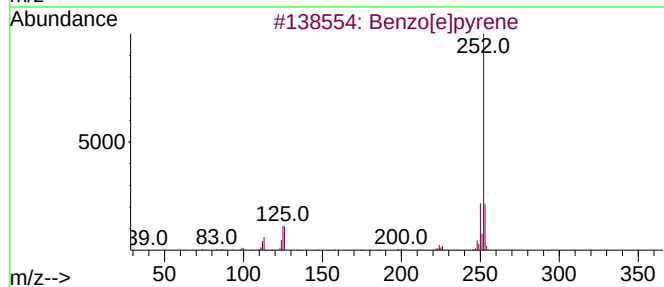
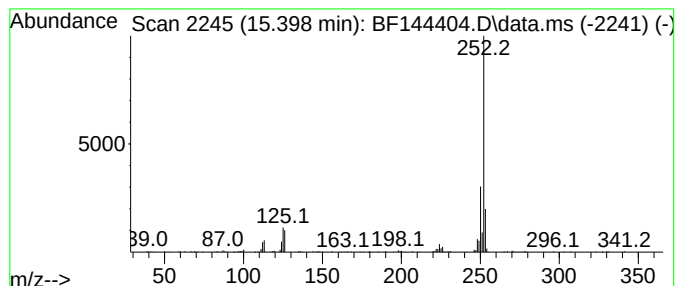
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	11.46 ng	221050	Perylene-d12	15.527

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4		Perylene	252	C20H12	000198-55-0	90
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144404.D
Acq On : 02 Dec 2025 15:50
Operator : RC/JU
Sample : Q3742-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-20

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.610	6.8	ng	143661	3	9.898	425758	20.0
2,4,2',4'-Tetra...	10.798	4.6	ng	73674	4	11.392	319359	20.0
9H-Fluorene, 2-...	10.998	3.2	ng	50846	4	11.392	319359	20.0
Anthracene, 1,2...	11.251	3.9	ng	61588	4	11.392	319359	20.0
Naphtho[2,1-b]t...	11.286	4.0	ng	64305	4	11.392	319359	20.0
1H-Cyclopropa[1...	11.916	26.2	ng	418014	4	11.392	319359	20.0
Anthracene, 1-m...	11.975	4.5	ng	72702	4	11.392	319359	20.0
di-p-Tolylacety...	12.445	3.2	ng	51232	4	11.392	319359	20.0
Fluoranthene, 2...	13.169	4.5	ng	175331	5	14.045	784020	20.0
11H-Benzo[b]flu...	13.233	3.0	ng	116080	5	14.045	784020	20.0
Pyrene, 4-methyl-	13.275	2.9	ng	114931	5	14.045	784020	20.0
Benzo[e]pyrene	15.198	5.3	ng	101386	6	15.527	385851	20.0
Perylene	15.398	11.5	ng	221050	6	15.527	385851	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
 Data File : BF144405.D
 Acq On : 02 Dec 2025 16:19
 Operator : RC/JU
 Sample : Q3742-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025

Quant Time: Dec 02 16:41:26 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	40154	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	152656	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	84285	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	125156	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	113462	20.000	ng	0.00
86) Perylene-d12	15.527	264	140860	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	218561	85.177	ng	0.00
7) Phenol-d6	6.492	99	250244	86.070	ng	0.00
23) Nitrobenzene-d5	7.422	82	152774	57.800	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	74249	70.200	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	316592	55.477	ng	-0.01
79) Terphenyl-d14	12.980	244	300123	42.016	ng	-0.01
Target Compounds						
71) Phenanthrene	11.416	178	13526	2.171	ng	99
75) Fluoranthene	12.610	202	25897	4.023	ng	97
78) Pyrene	12.839	202	23741	2.595	ng	97
81) Benzo(a)anthracene	14.033	228	25019	3.182	ng	92
83) Chrysene	14.068	228	21006	2.894	ng	94
88) Benzo(b)fluoranthene	15.092	252	31754m	3.965	ng	
90) Benzo(a)pyrene	15.462	252	24181	3.273	ng	# 92

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

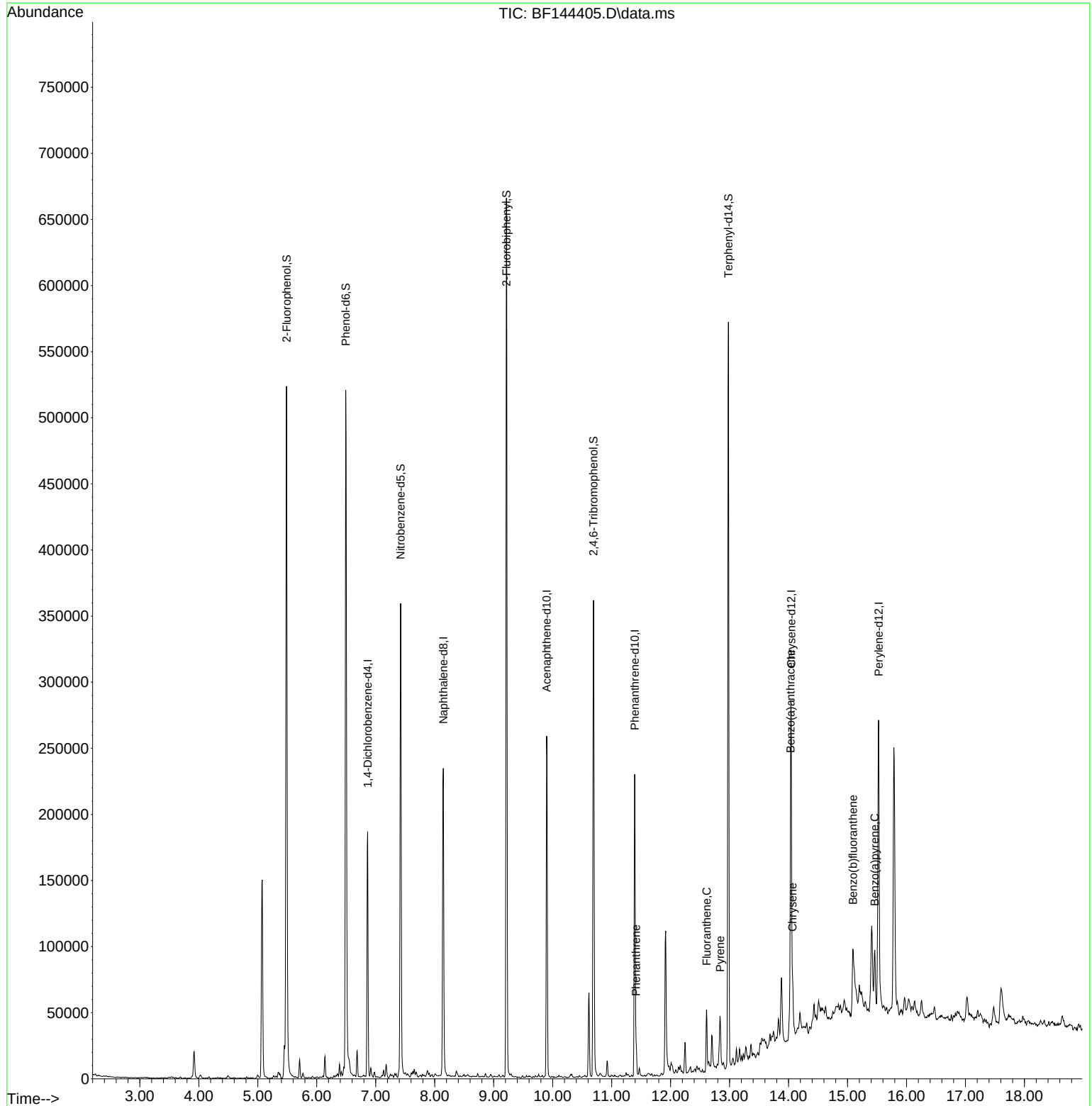
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

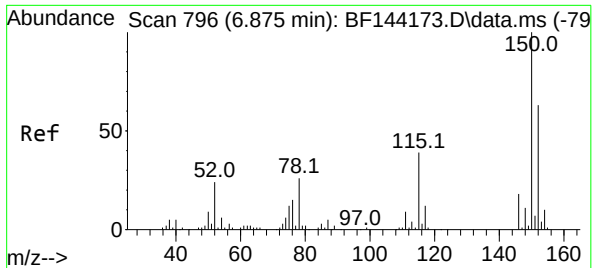
Instrument :
BNA_F
ClientSampleId :
SB-1125-22

Quant Time: Dec 02 16:41:26 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

Manual Integrations
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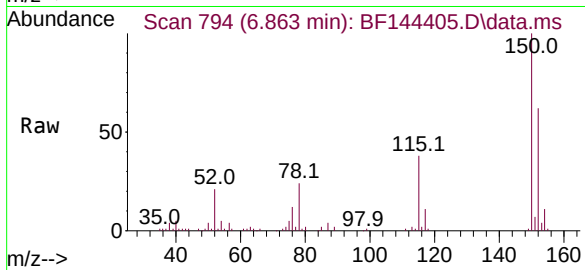
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144405.D
Acq: 02 Dec 2025 16:19

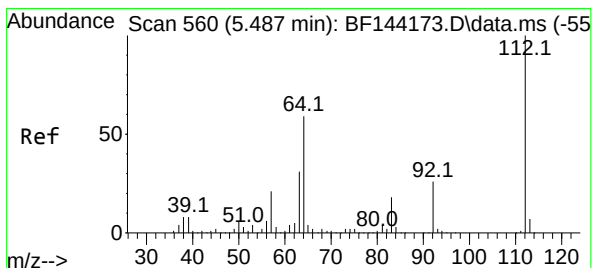
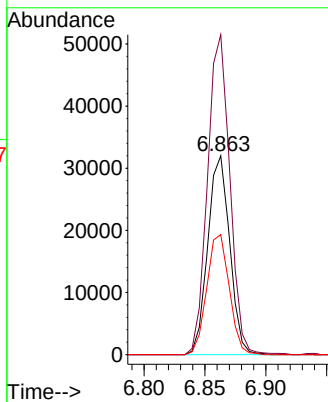
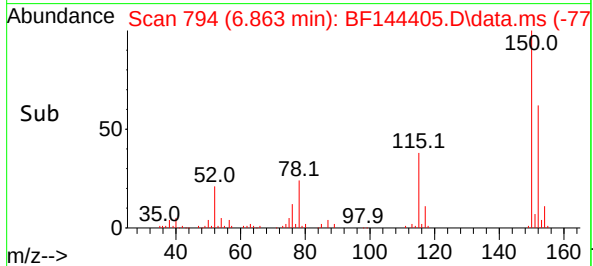
Instrument :
BNA_F
ClientSampleId :
SB-1125-22



Tgt Ion:152 Resp: 40154
Ion Ratio Lower Upper
152 100
150 161.0 127.4 191.0
115 60.4 49.5 74.3

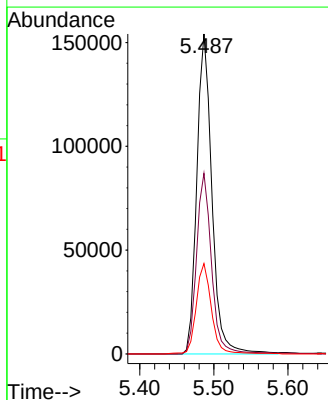
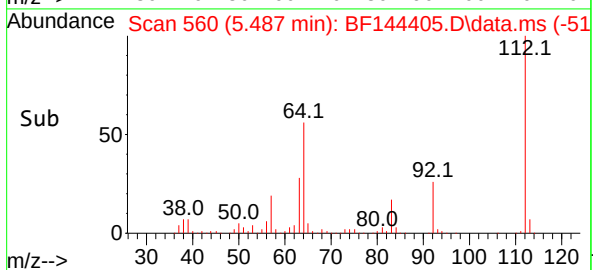
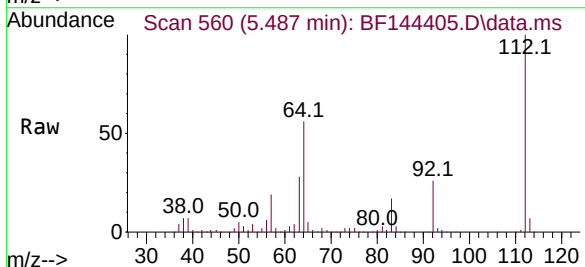
Manual Integrations
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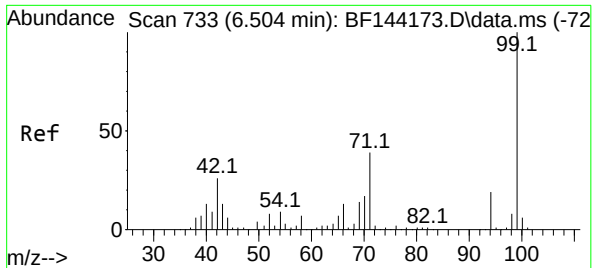
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#5
2-Fluorophenol
Concen: 85.177 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144405.D
Acq: 02 Dec 2025 16:19

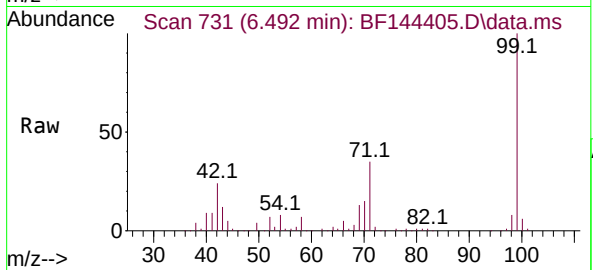
Tgt Ion:112 Resp: 218561
Ion Ratio Lower Upper
112 100
64 56.4 47.2 70.8
63 28.2 24.4 36.6





#7
Phenol-d6
Concen: 86.070 ng
RT: 6.492 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF144405.D
Acq: 02 Dec 2025 16:19

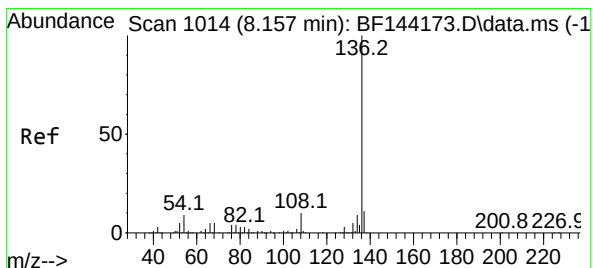
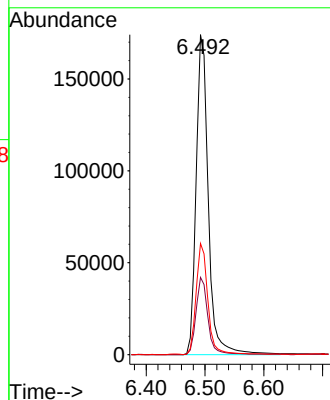
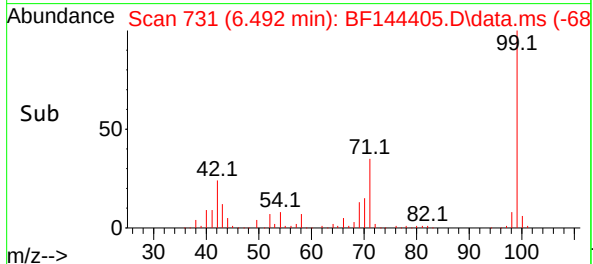
Instrument :
BNA_F
ClientSampleId :
SB-1125-22



Tgt Ion: 99 Resp: 250244
Ion Ratio Lower Upper
99 100
42 24.2 20.9 31.3
71 34.7 31.4 47.2

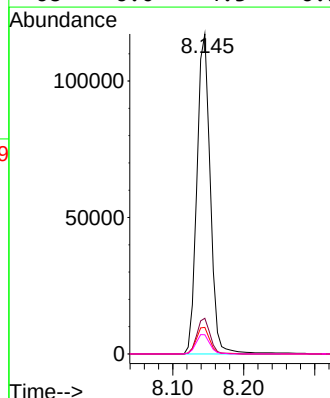
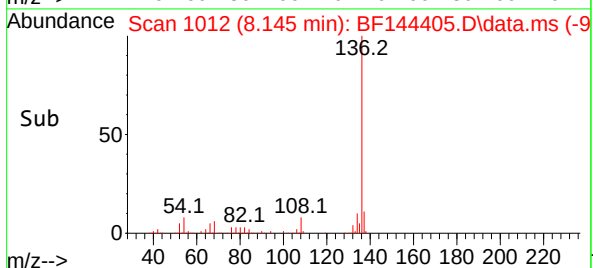
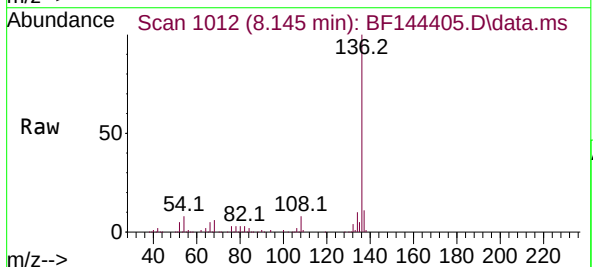
Manual Integrations
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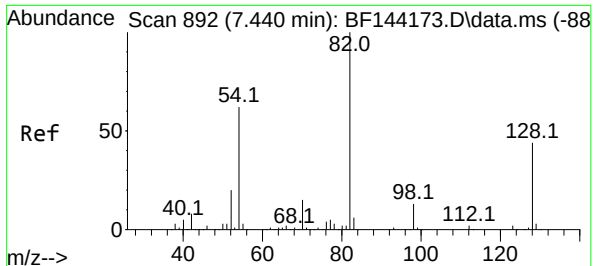
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144405.D
Acq: 02 Dec 2025 16:19

Tgt Ion:136 Resp: 152656
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.3 7.0 10.6
68 6.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 57.800 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF144405.D

Acq: 02 Dec 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SB-1125-22

Tgt Ion: 82 Resp: 152774

Ion Ratio Lower Upper

82 100

128 44.0 34.7 52.1

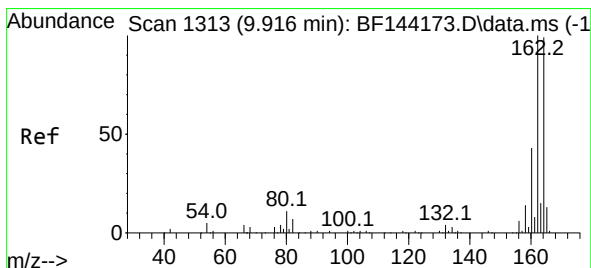
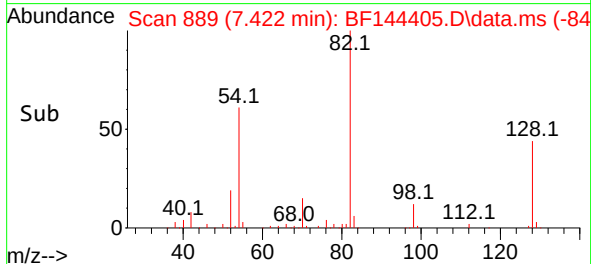
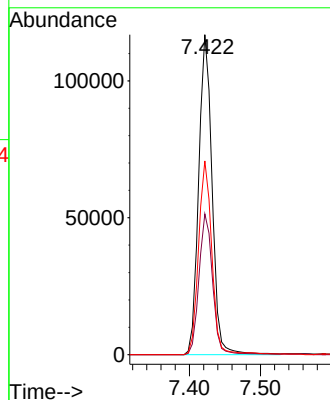
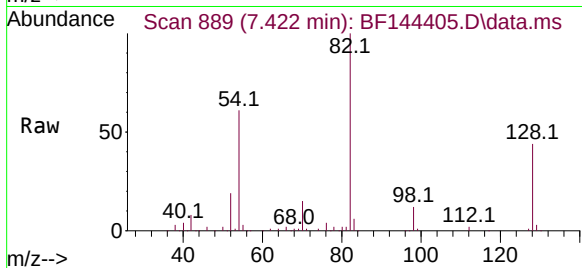
54 60.5 49.5 74.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.018 min

Lab File: BF144405.D

Acq: 02 Dec 2025 16:19

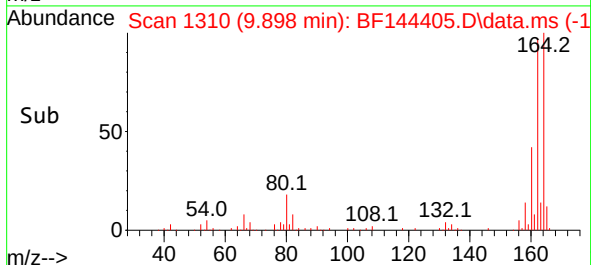
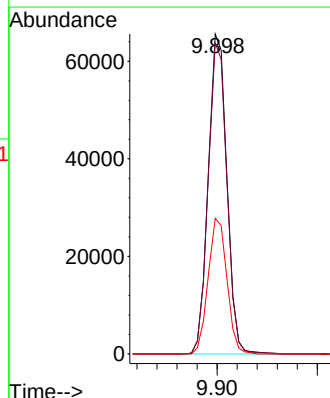
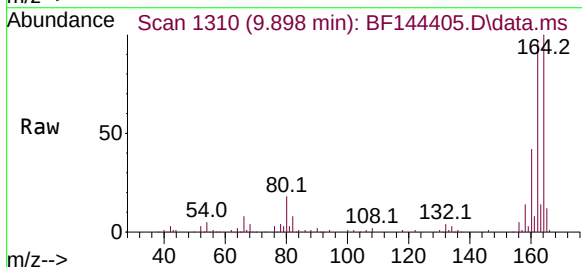
Tgt Ion:164 Resp: 84285

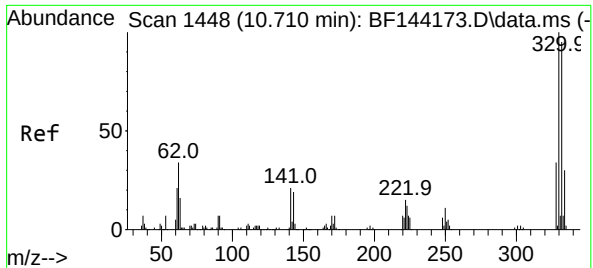
Ion Ratio Lower Upper

164 100

162 97.1 81.1 121.7

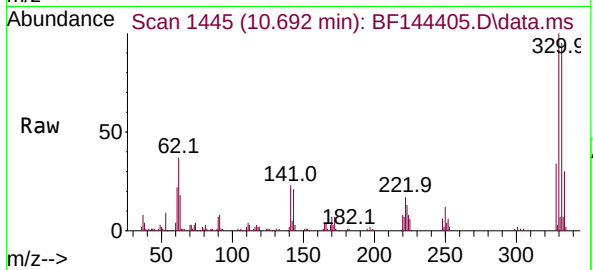
160 42.4 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 70.200 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144405.D
Acq: 02 Dec 2025 16:19

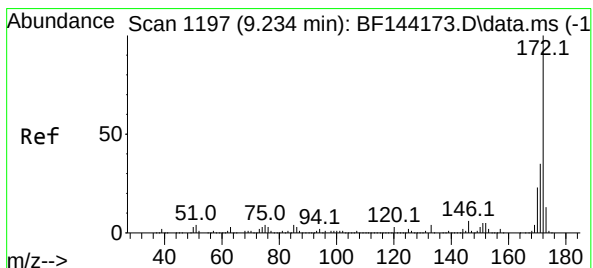
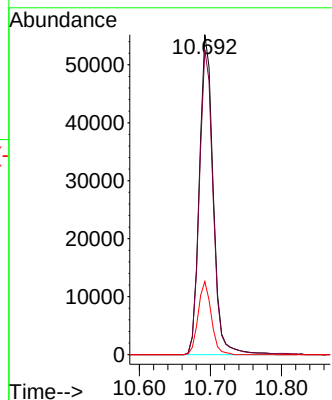
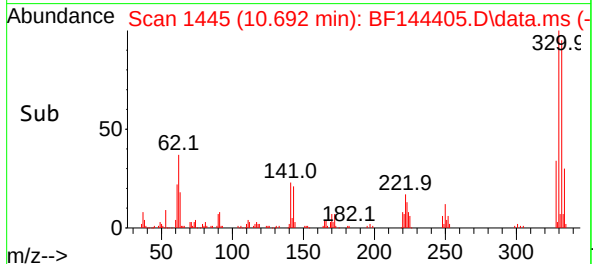
Instrument : BNA_F
ClientSampleId : SB-1125-22



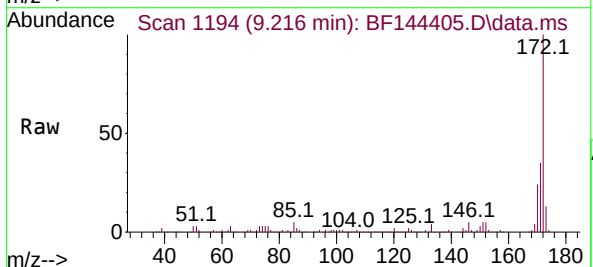
Tgt Ion: 330 Resp: 74249
Ion Ratio Lower Upper
330 100
332 95.3 76.7 115.1
141 21.7 17.8 26.8

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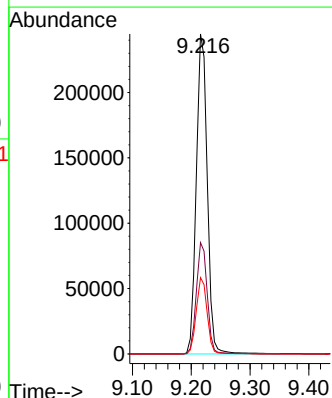
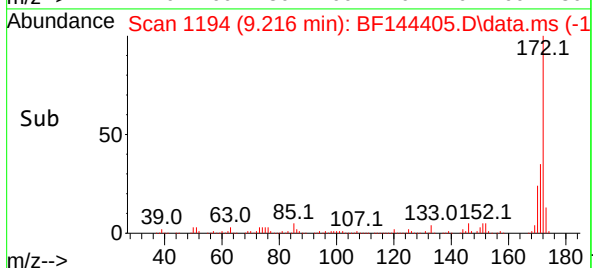
Reviewed By : Jagrut Upadhyay 12/03/2025
Supervised By : Sohil Jodhani 12/03/2025

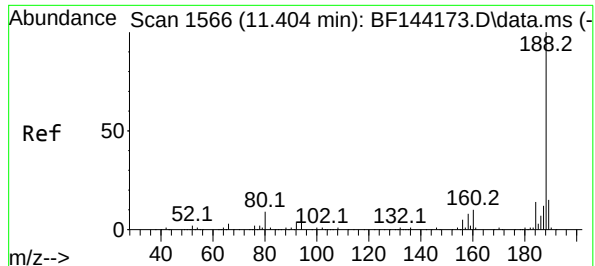


#45
2-Fluorobiphenyl
Concen: 55.477 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144405.D
Acq: 02 Dec 2025 16:19



Tgt Ion: 172 Resp: 316592
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1564

Delta R.T. -0.012 min

Lab File: BF144405.D

Acq: 02 Dec 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SB-1125-22

Tgt Ion:188 Resp: 125156

Ion Ratio Lower Upper

188 100

94 8.2 6.2 9.2

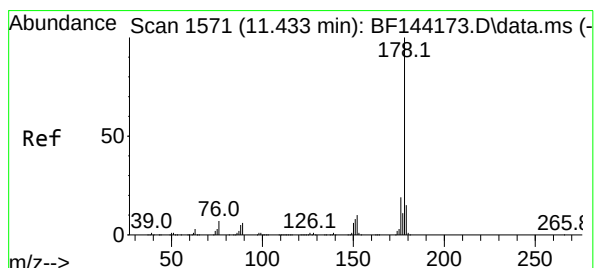
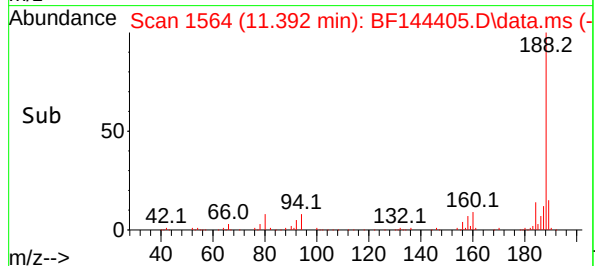
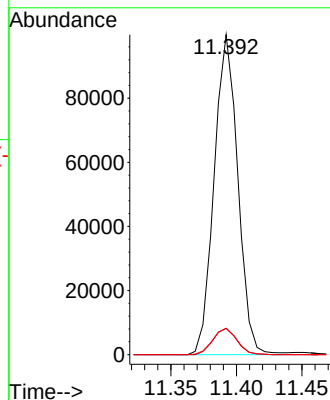
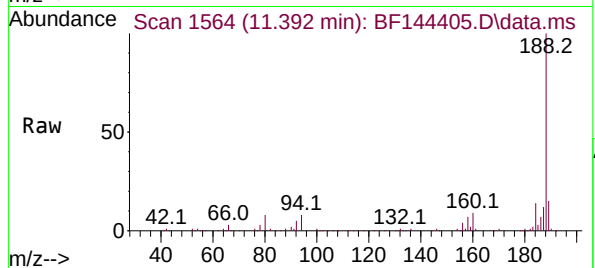
80 8.2 6.9 10.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#71

Phenanthrene

Concen: 2.171 ng

RT: 11.416 min Scan# 1568

Delta R.T. -0.012 min

Lab File: BF144405.D

Acq: 02 Dec 2025 16:19

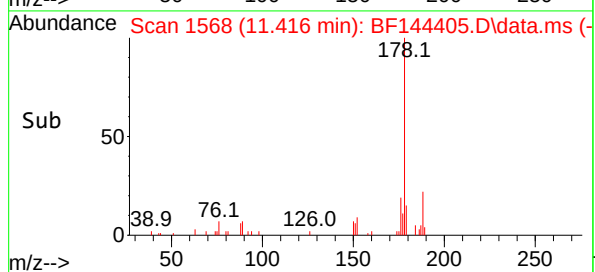
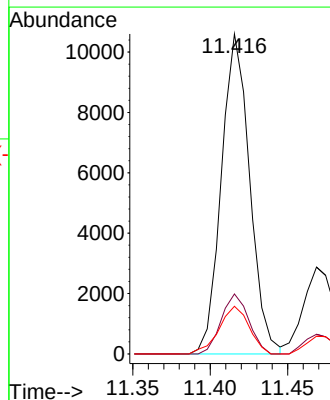
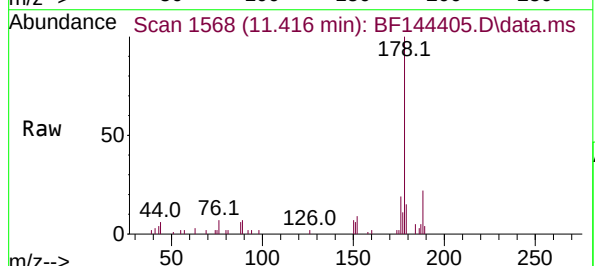
Tgt Ion:178 Resp: 13526

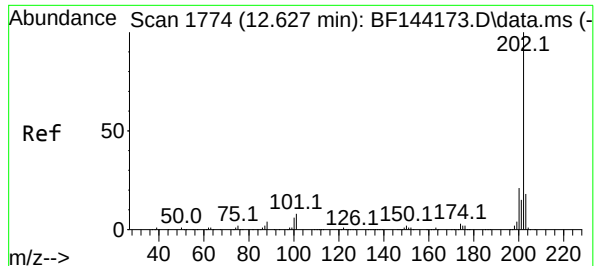
Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

179 14.9 12.2 18.4





#75

Fluoranthene

Concen: 4.023 ng

RT: 12.610 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144405.D

Acq: 02 Dec 2025 16:19

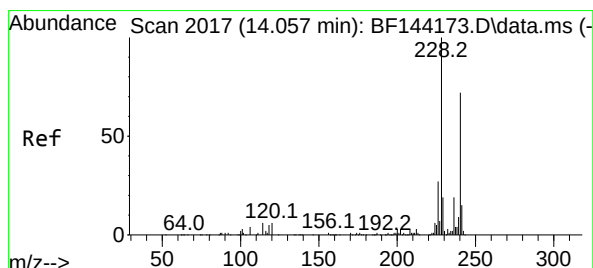
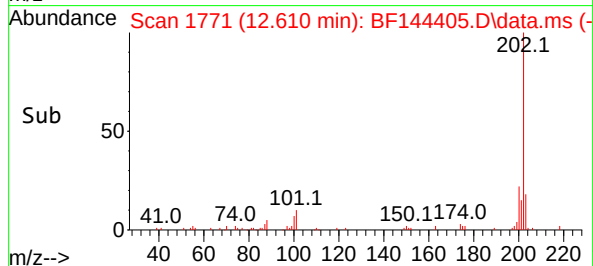
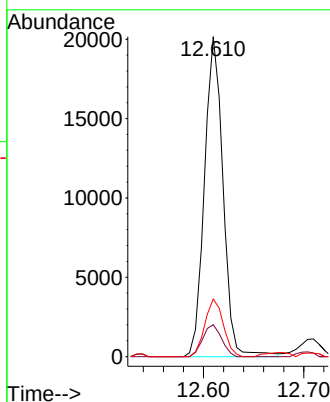
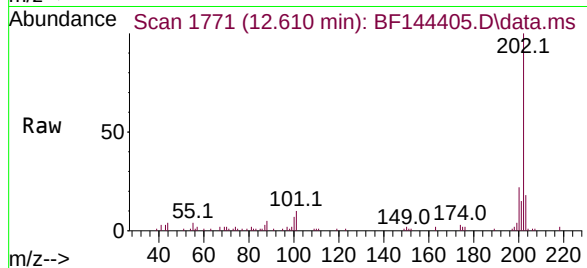
Instrument :

BNA_F

ClientSampleId :

SB-1125-22

Tgt Ion:	202	Resp:	2589
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	27.9
203	18.0	0.0	37.5

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APPROVEDReviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

#76

Chrysene-d12

Concen: 20.000 ng

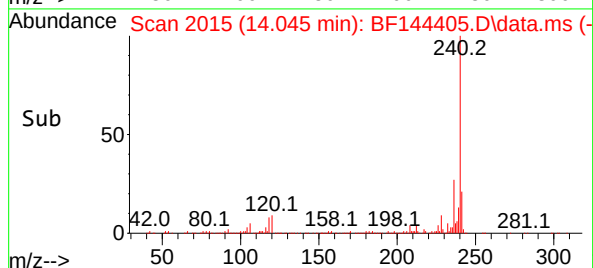
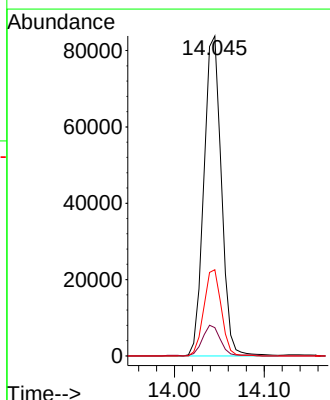
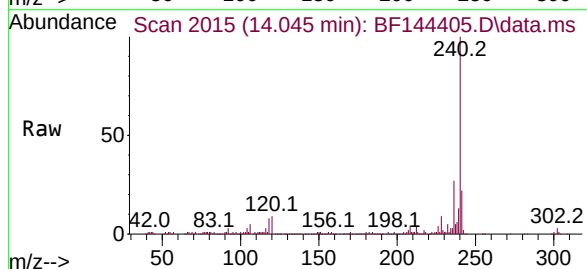
RT: 14.045 min Scan# 2015

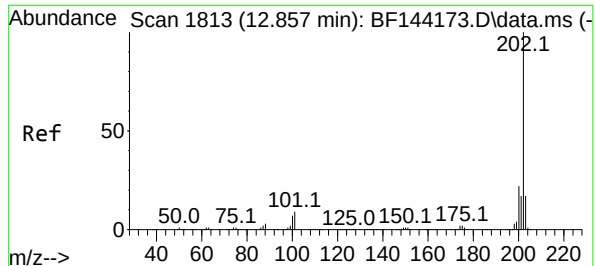
Delta R.T. -0.006 min

Lab File: BF144405.D

Acq: 02 Dec 2025 16:19

Tgt Ion:	240	Resp:	113462
Ion Ratio	Lower	Upper	
240	100		
120	8.8	6.6	10.0
236	26.9	21.4	32.2





#78

Pyrene

Concen: 2.595 ng

RT: 12.839 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF144405.D

Acq: 02 Dec 2025 16:19

Instrument :

BNA_F

ClientSampleId :

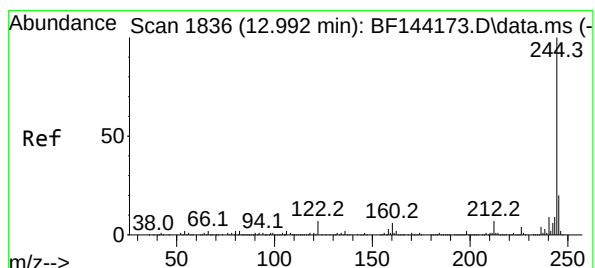
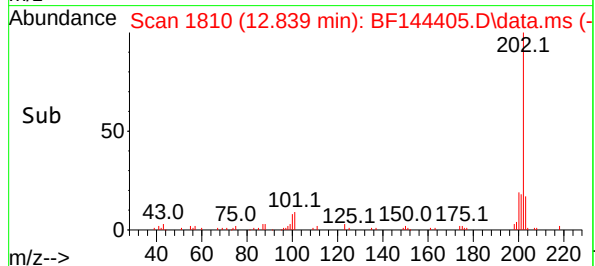
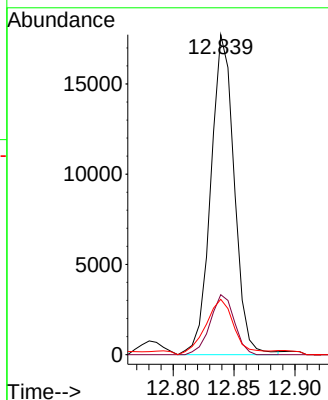
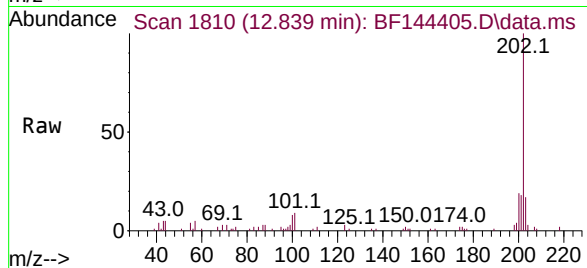
SB-1125-22

Tgt Ion:	202	Resp:	2374
Ion Ratio	Lower	Upper	
202	100		
200	18.7	17.2	25.8
203	17.3	13.7	20.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#79

Terphenyl-d14

Concen: 42.016 ng

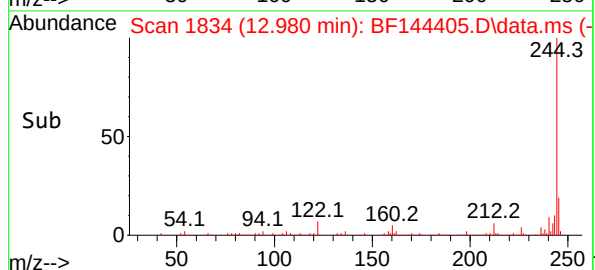
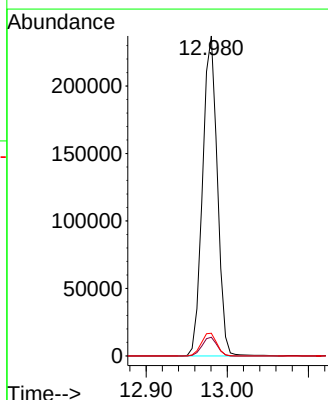
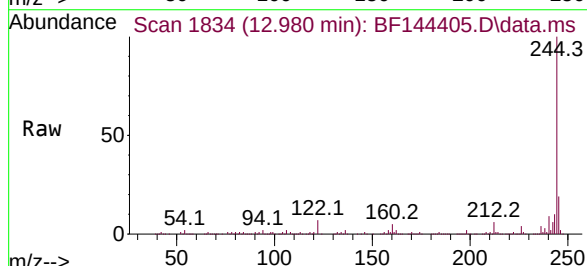
RT: 12.980 min Scan# 1834

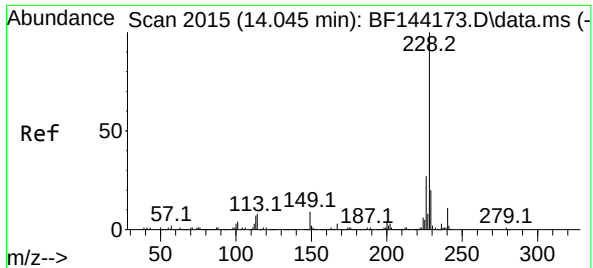
Delta R.T. -0.012 min

Lab File: BF144405.D

Acq: 02 Dec 2025 16:19

Tgt Ion:	244	Resp:	300123
Ion Ratio	Lower	Upper	
244	100		
212	5.8	5.3	7.9
122	7.1	5.6	8.4





#81

Benzo(a)anthracene

Concen: 3.182 ng

RT: 14.033 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF144405.D

Acq: 02 Dec 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SB-1125-22

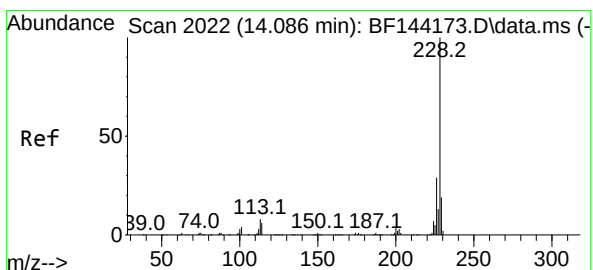
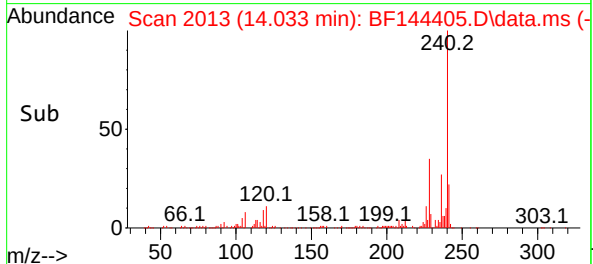
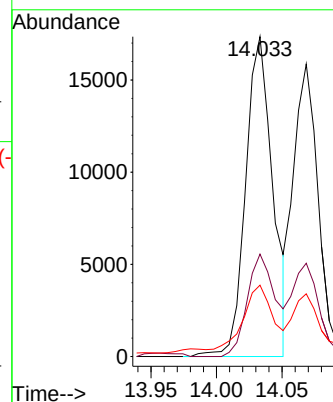
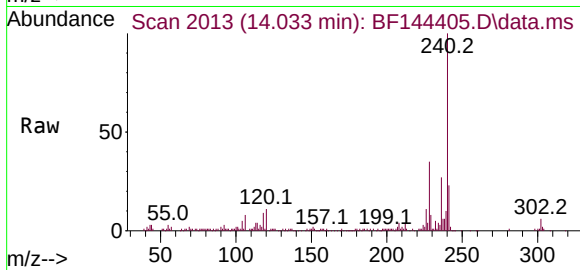
Tgt Ion:228	Resp:	25019
Ion Ratio	Lower	Upper
228	100	
226	32.0	21.8 32.8
229	22.3	15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#83

Chrysene

Concen: 2.894 ng

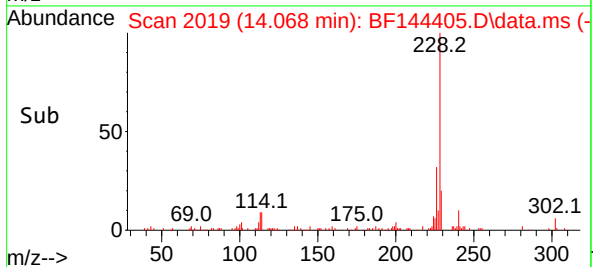
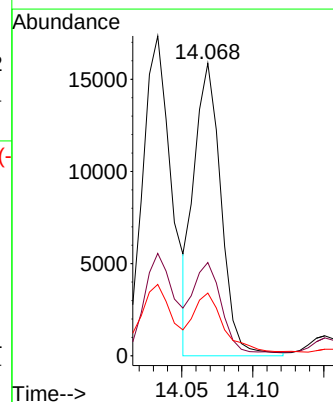
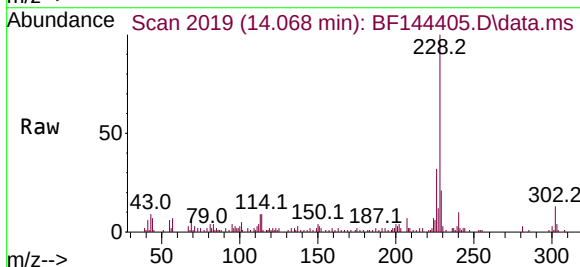
RT: 14.068 min Scan# 2019

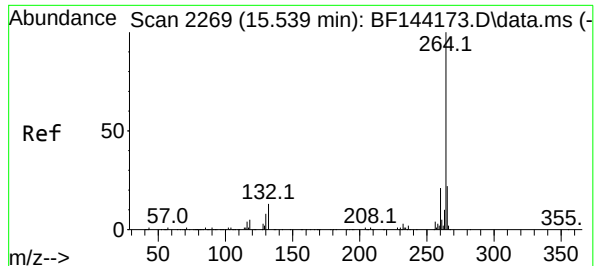
Delta R.T. -0.012 min

Lab File: BF144405.D

Acq: 02 Dec 2025 16:19

Tgt Ion:228	Resp:	21006
Ion Ratio	Lower	Upper
228	100	
226	31.9	22.9 34.3
229	21.5	15.0 22.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2193

Delta R.T. -0.012 min

Lab File: BF144405.D

Acq: 02 Dec 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SB-1125-22

Tgt Ion:264 Resp: 140860

Ion Ratio Lower Upper

264 100

260 21.8 17.1 25.7

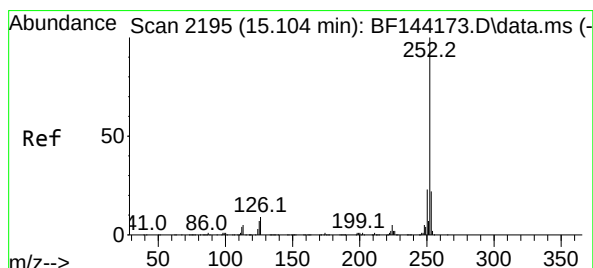
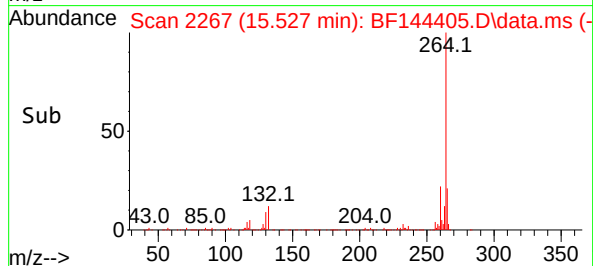
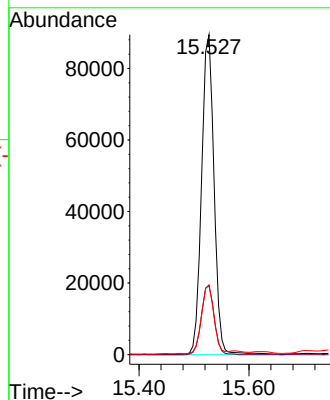
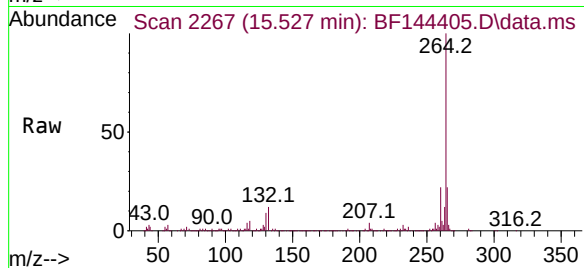
265 21.6 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#88

Benzo(b)fluoranthene

Concen: 3.965 ng m

RT: 15.092 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144405.D

Acq: 02 Dec 2025 16:19

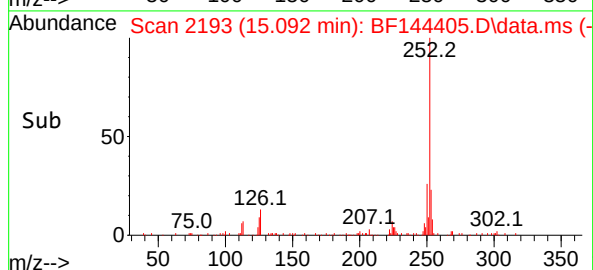
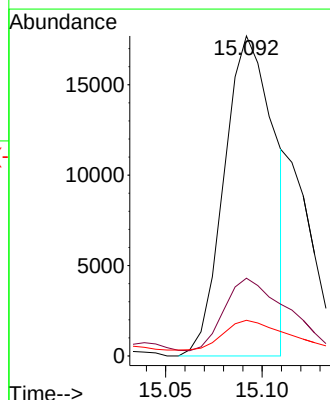
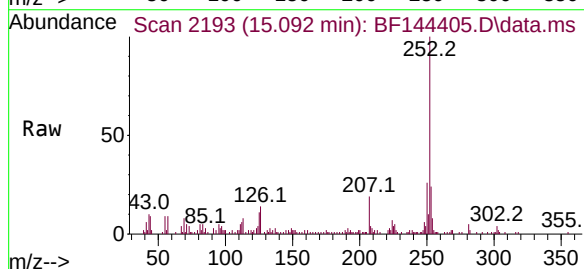
Tgt Ion:252 Resp: 31754

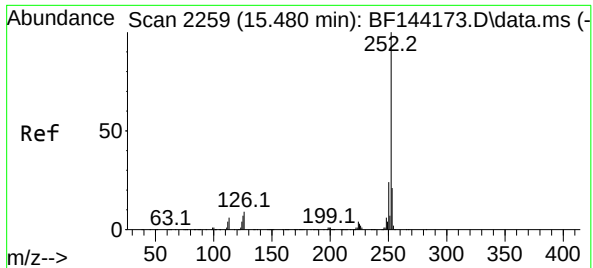
Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.2

125 11.1 5.3 7.9#





#90

Benzo(a)pyrene

Concen: 3.273 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144405.D

Acq: 02 Dec 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SB-1125-22

Tgt Ion:252 Resp: 2418

Ion Ratio Lower Upper

252 100

253 24.9 16.7 25.1

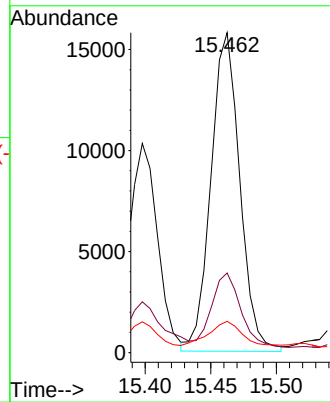
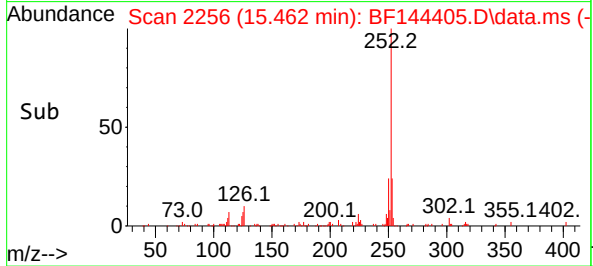
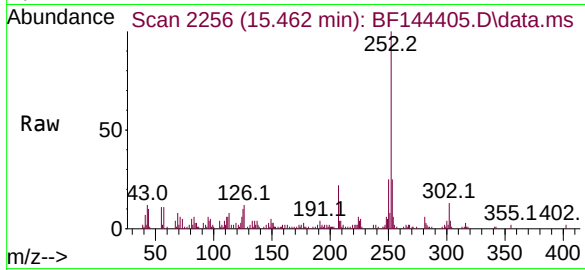
125 9.8 5.7 8.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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: BF144405.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.922	288	294	300	rVB	19273	31770	3.79%	0.405%
2	5.075	484	490	510	rVB	150259	233172	27.83%	2.971%
3	5.451	548	554	555	rBV	24856	29638	3.54%	0.378%
4	5.487	555	560	582	rVB	523095	746675	89.11%	9.515%
5	5.710	594	598	604	rBV	13546	16978	2.03%	0.216%
6	6.140	667	671	678	rVB	15850	20021	2.39%	0.255%
7	6.387	710	713	716	rBV	9015	9725	1.16%	0.124%
8	6.463	721	726	727	rVV2	7135	9566	1.14%	0.122%
9	6.492	727	731	753	rVB	518873	743868	88.77%	9.479%
10	6.687	760	764	768	rVB	19448	24204	2.89%	0.308%
11	6.863	789	794	800	rBV	185213	235275	28.08%	2.998%
12	6.916	800	803	810	rVB3	6760	9090	1.08%	0.116%
13	7.175	843	847	854	rVB2	10061	14969	1.79%	0.191%
14	7.422	884	889	900	rVB	355910	456698	54.50%	5.820%
15	8.145	1004	1012	1024	rVB	232736	316090	37.72%	4.028%
16	9.216	1189	1194	1204	rBV	664628	837963	100.00%	10.678%
17	9.898	1305	1310	1322	rVB	258355	331766	39.59%	4.228%
18	10.616	1427	1432	1440	rBV	63286	82164	9.81%	1.047%
19	10.692	1440	1445	1458	rBV	360245	472743	56.42%	6.024%
20	10.927	1478	1485	1488	rBV	11809	15523	1.85%	0.198%
21	11.392	1559	1564	1573	rBV	228677	314575	37.54%	4.009%
22	11.469	1573	1577	1584	rVB2	5997	8832	1.05%	0.113%
23	11.916	1646	1653	1661	rBV2	108538	171013	20.41%	2.179%
24	12.010	1666	1669	1678	rVB6	8024	17618	2.10%	0.225%
25	12.245	1704	1709	1713	rBV3	23460	29772	3.55%	0.379%
26	12.610	1766	1771	1775	rBV	47312	62541	7.46%	0.797%
27	12.698	1782	1786	1794	rVB2	23753	35969	4.29%	0.458%
28	12.839	1804	1810	1816	rBV2	37369	59262	7.07%	0.755%
29	12.980	1826	1834	1839	rBV	564707	731468	87.29%	9.321%
30	13.116	1853	1857	1861	rBV	11750	15039	1.79%	0.192%
31	13.168	1863	1866	1869	rVB	8666	10315	1.23%	0.131%
32	13.274	1880	1884	1891	rVB3	9423	16985	2.03%	0.216%
33	13.363	1895	1899	1903	rBV3	9887	14761	1.76%	0.188%
34	13.521	1922	1926	1928	rBV4	9278	15140	1.81%	0.193%
35	13.827	1975	1978	1982	rBV4	13289	19930	2.38%	0.254%
36	13.880	1982	1987	1997	rVB2	48148	86837	10.36%	1.107%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

A
B
C
D
E
F
G
H
I
J
K

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.039	2006	2014	2027	rBV2	256789	479839	57.26%	6.115%
38	15.092	2189	2193	2207	rBV2	46094	136658	16.31%	1.741%
39	15.409	2242	2247	2252	rBV3	56571	108118	12.90%	1.378%
40	15.462	2252	2256	2261	rVV	40853	63510	7.58%	0.809%
41	15.527	2261	2267	2278	rVB	217815	368767	44.01%	4.699%
42	15.786	2305	2311	2319	rBV	196646	359128	42.86%	4.576%
43	17.603	2614	2620	2635	rBV	24743	83463	9.96%	1.064%

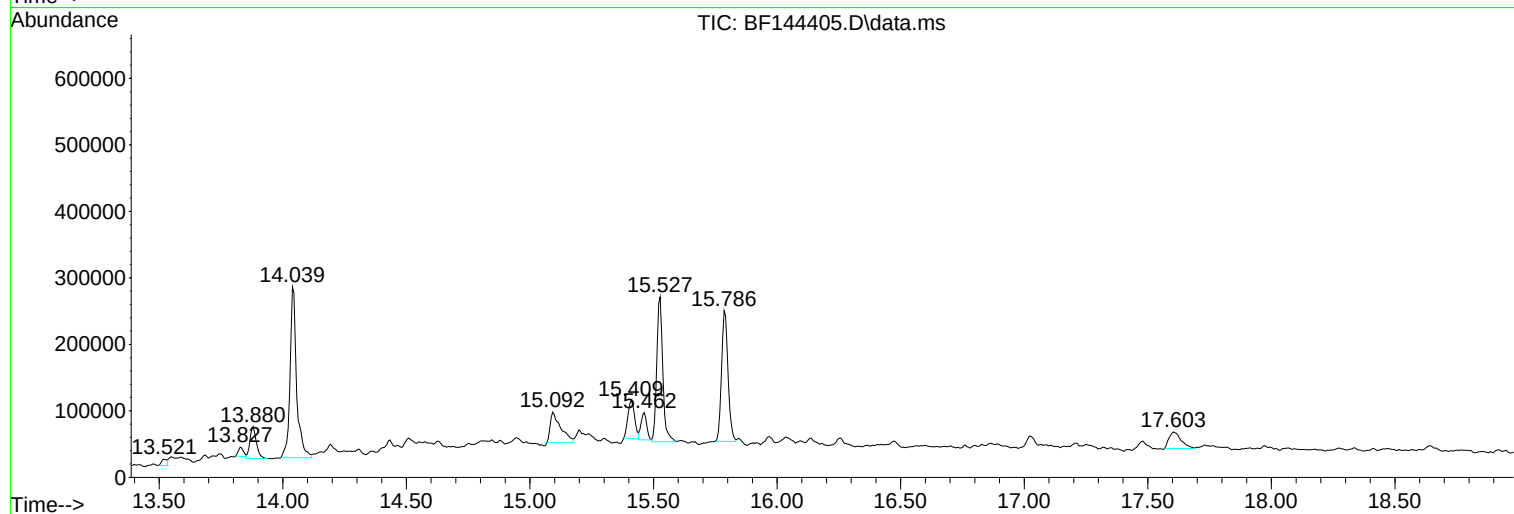
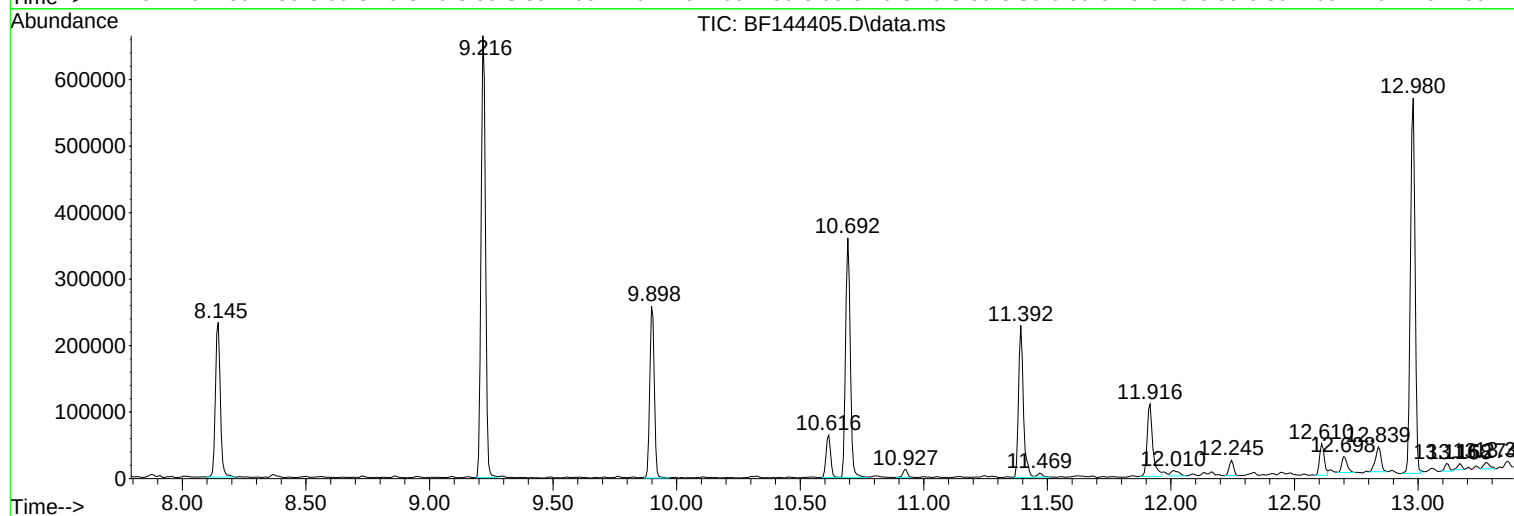
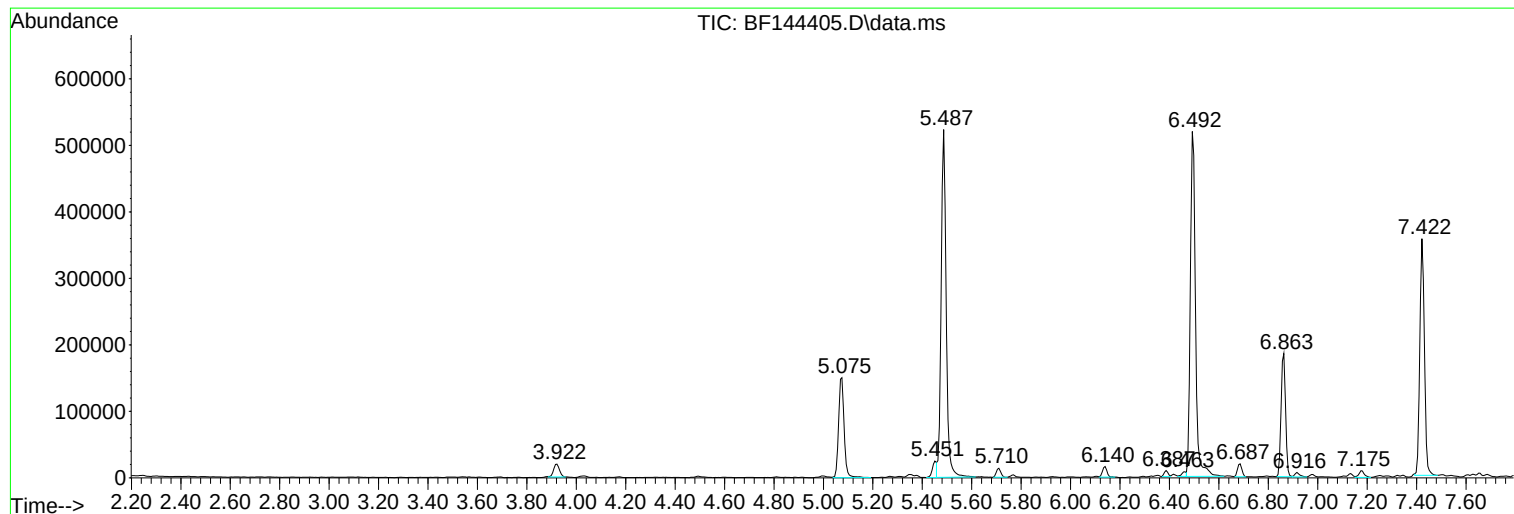
Sum of corrected areas: 7847438

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

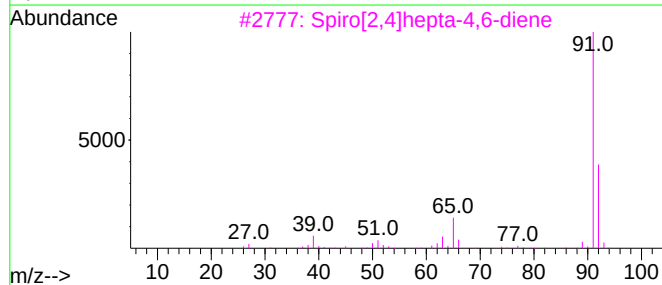
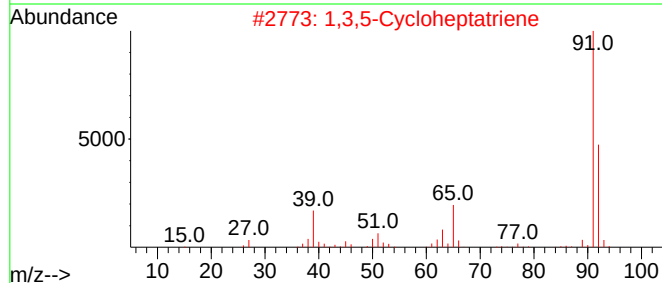
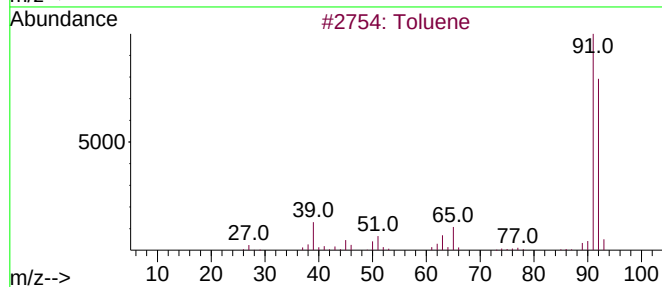
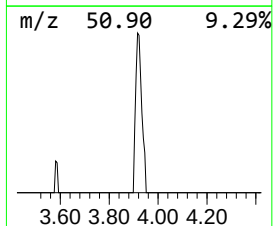
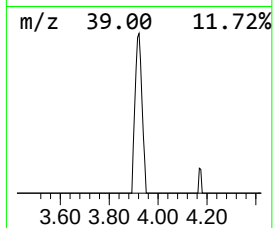
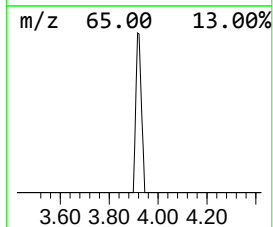
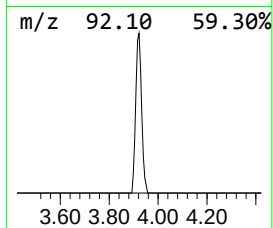
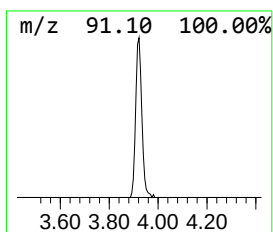
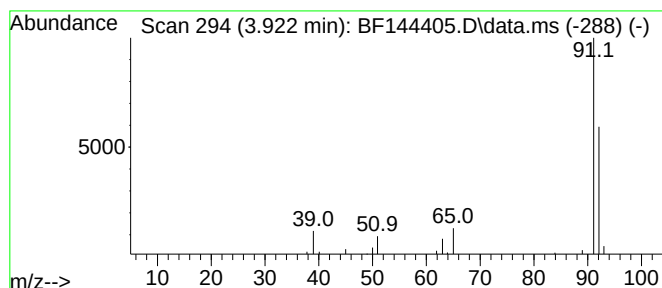
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.922	2.70 ng	31770	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Toluene	92	C7H8	000108-88-3	91
2			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	86
3			Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	78
4			Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	78
5			4-Benzyloxyphenylacetone nitrile	223	C15H13NO	000838-96-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

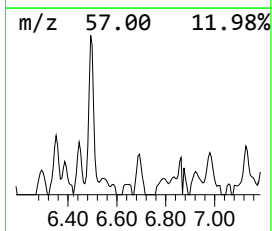
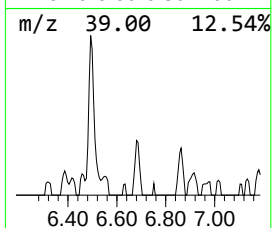
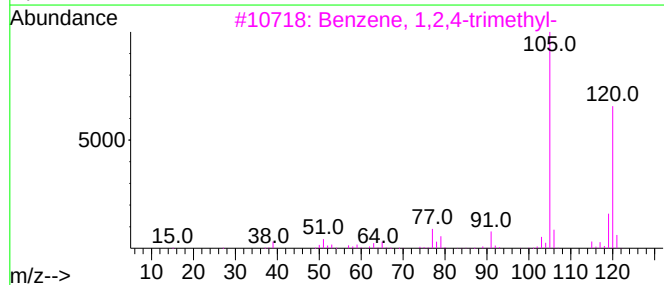
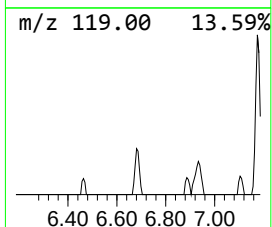
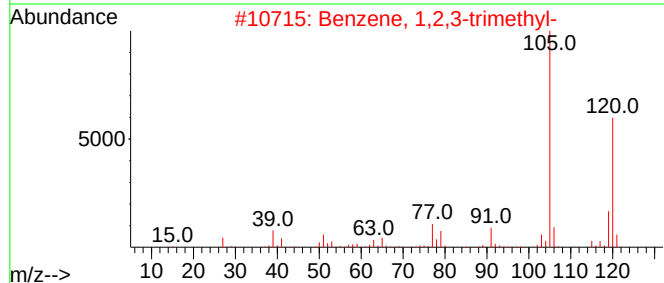
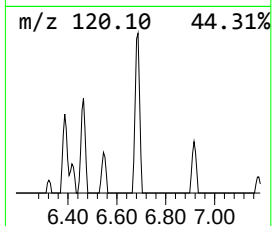
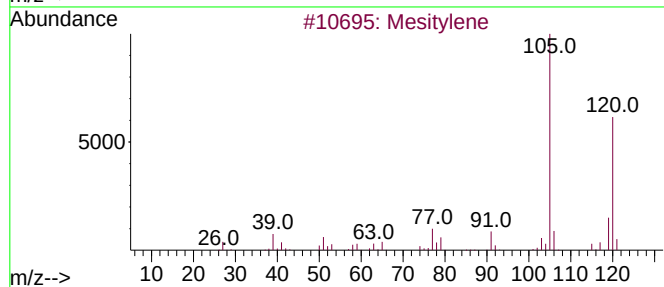
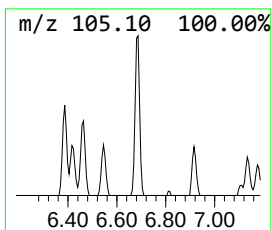
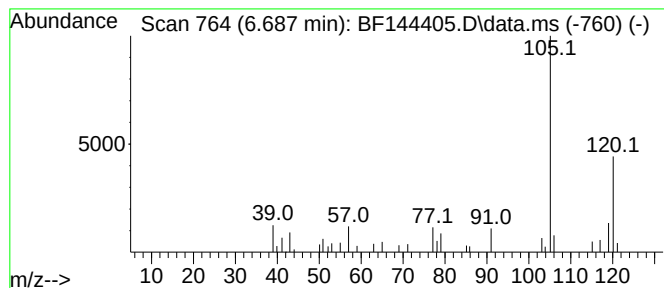
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.687	2.06 ng	24204	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	93
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

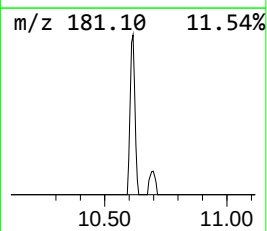
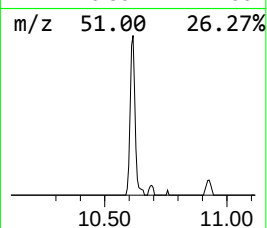
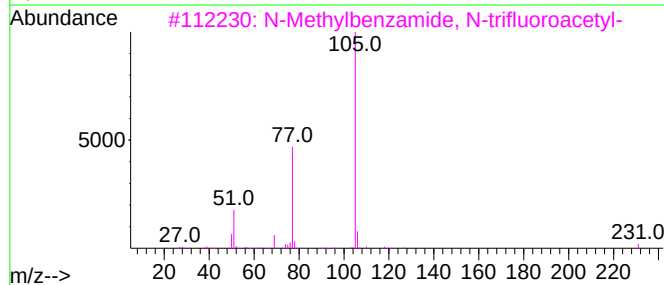
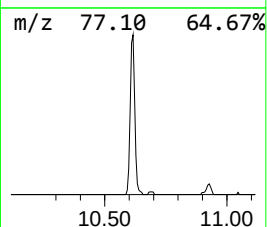
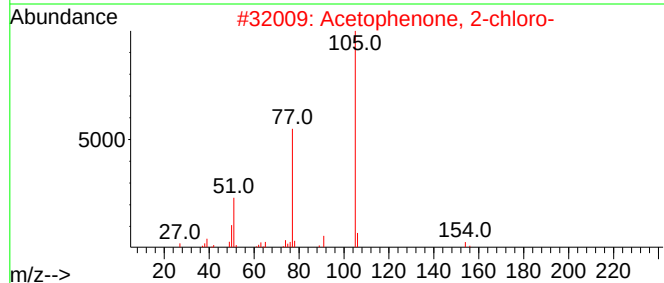
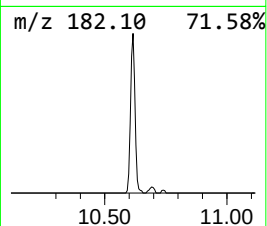
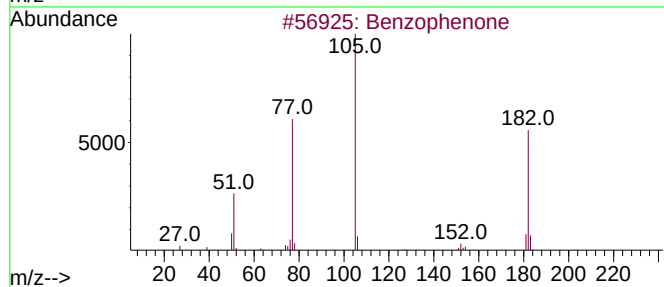
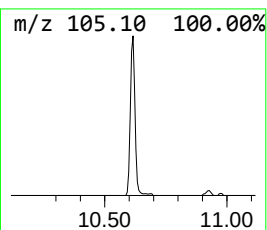
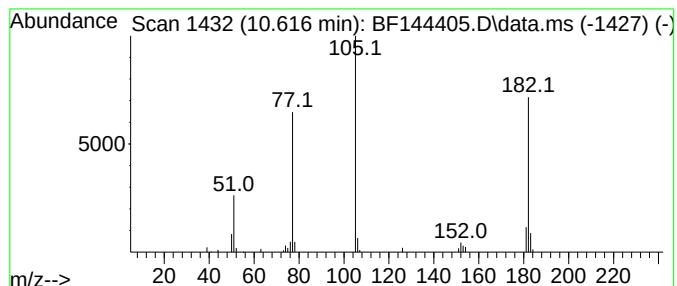
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	4.95 ng	82164	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
4			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
5			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

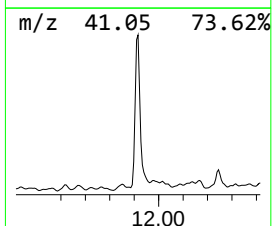
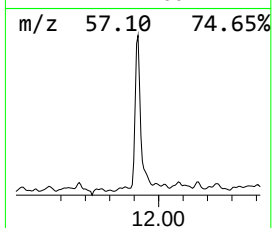
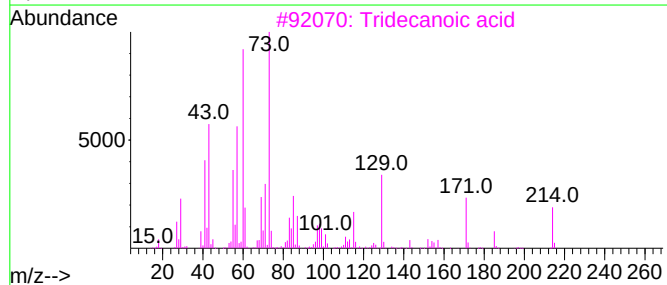
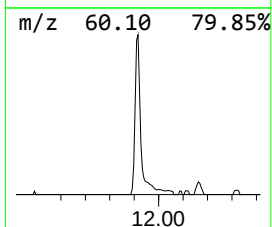
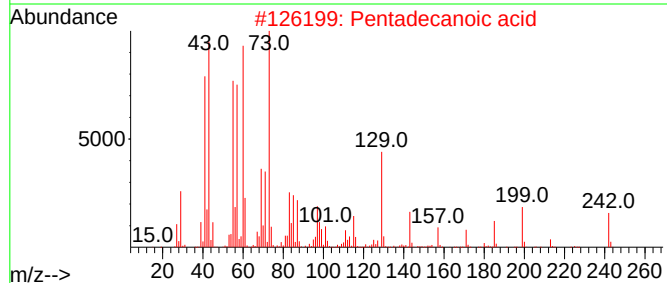
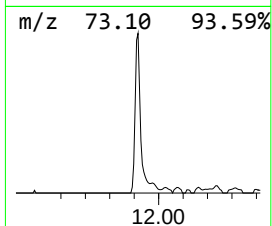
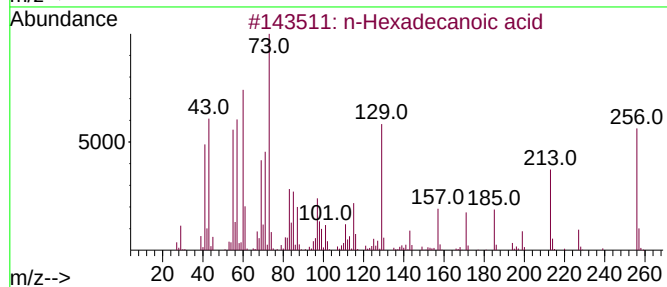
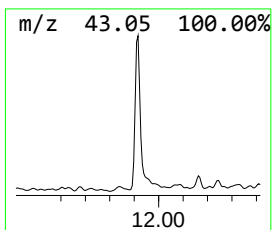
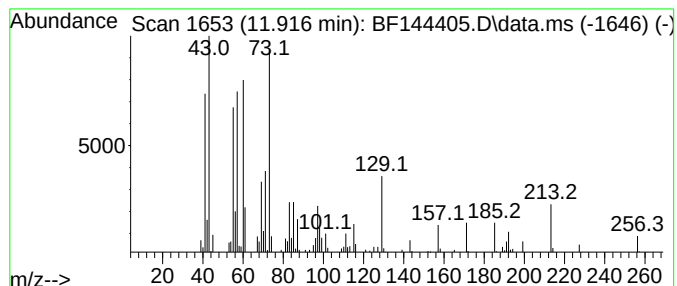
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	10.87 ng	171013	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3			Tridecanoic acid	214	C13H26O2	000638-53-9	70
4			n-Decanoic acid	172	C10H20O2	000334-48-5	64
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

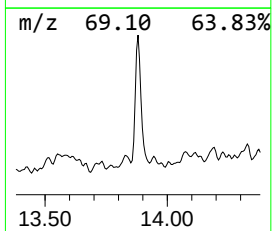
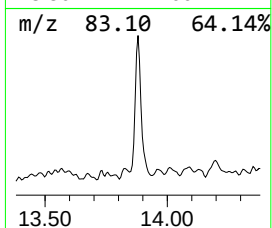
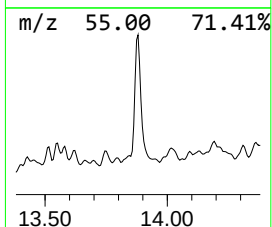
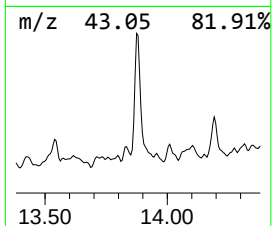
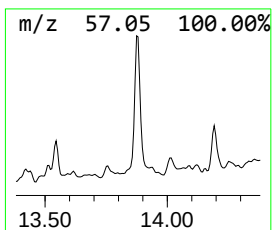
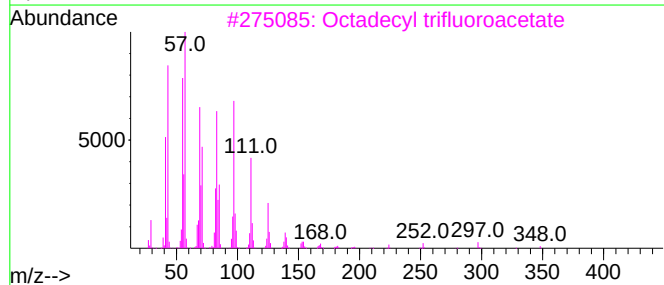
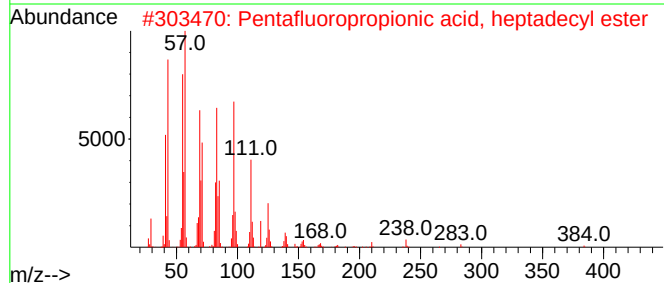
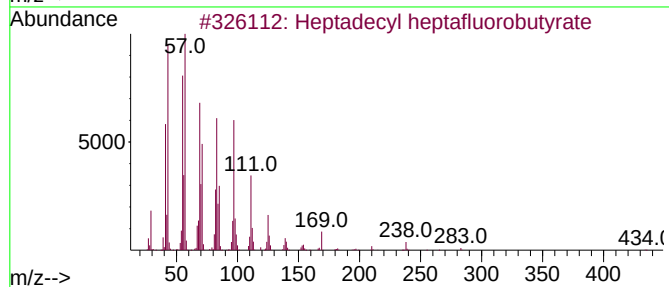
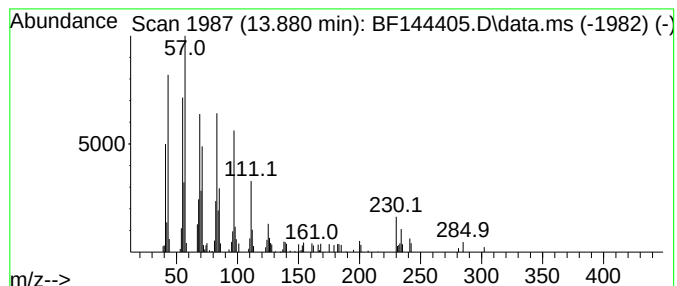
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ClientSampleId :
SB-1125-22

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

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

Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.880	3.62 ng	86837	Chrysene-d12	14.045	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	87
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	87
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	87
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

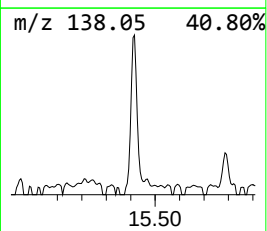
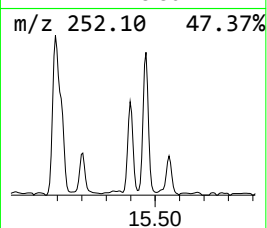
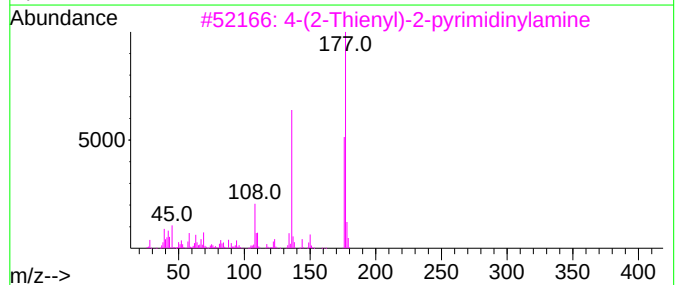
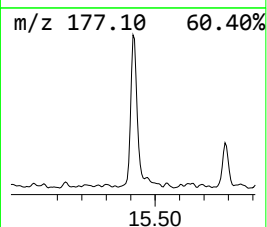
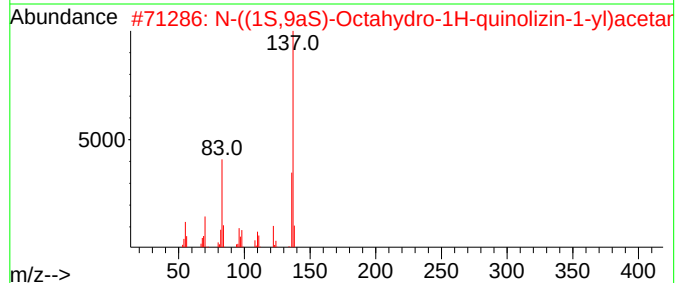
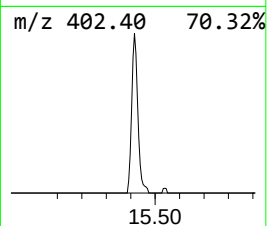
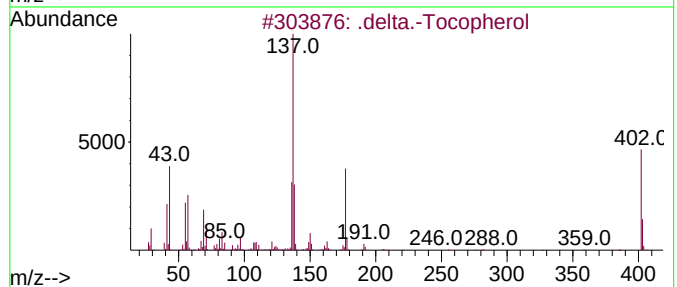
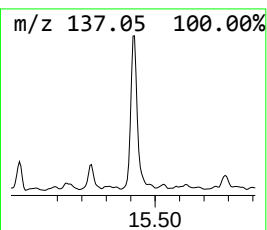
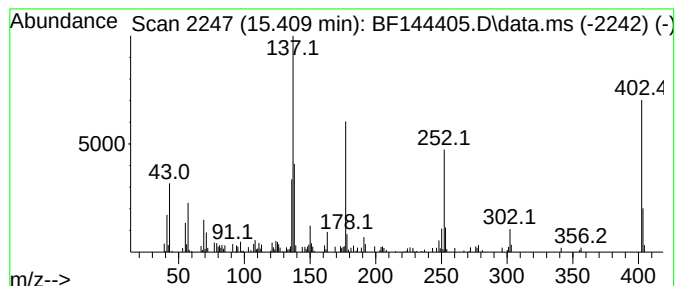
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 .delta.-Tocopherol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	5.86 ng	108118	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.delta.-Tocopherol	402	C27H46O2	000119-13-1	94
2			N-((1S,9aS)-Octahydro-1H-quinoli...	196	C11H20N2O	616235-95-1	12
3			4-(2-Thienyl)-2-pyrimidinylamine	177	C8H7N3S	154321-60-5	10
4			Resorcinol, 2-acetyl-	152	C8H8O3	000699-83-2	10
5			(E)-1,7-bis(4-Hydroxy-3-methoxyp...	356	C21H24O5	128700-97-0	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

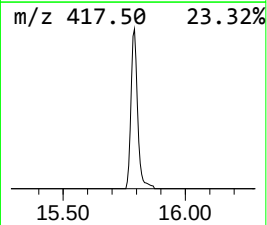
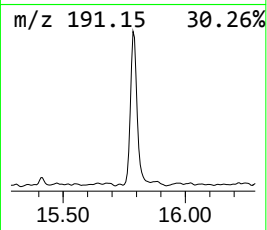
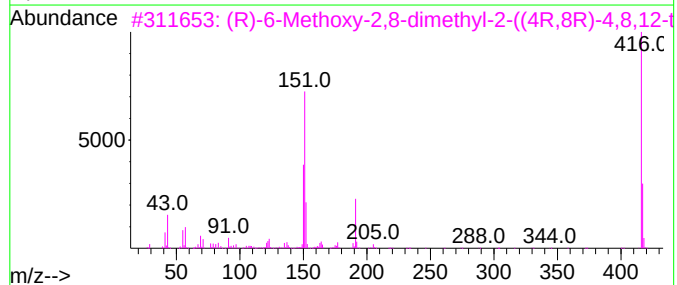
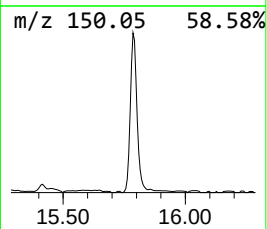
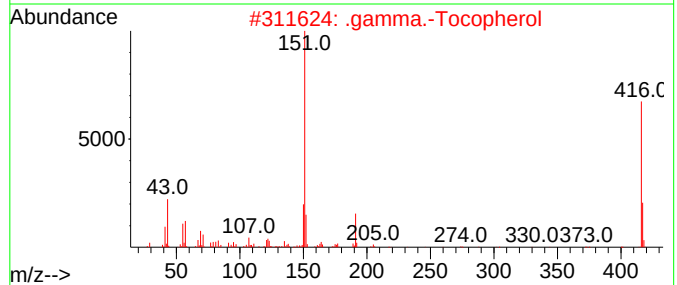
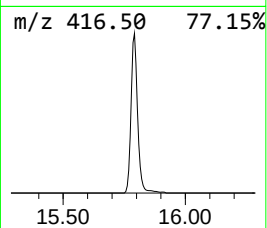
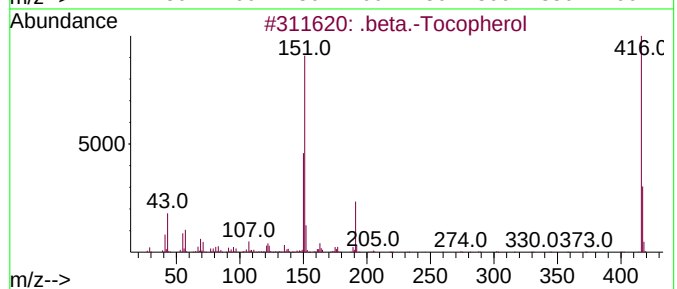
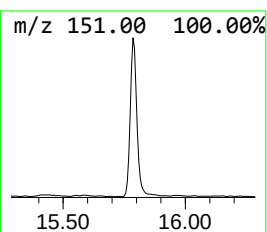
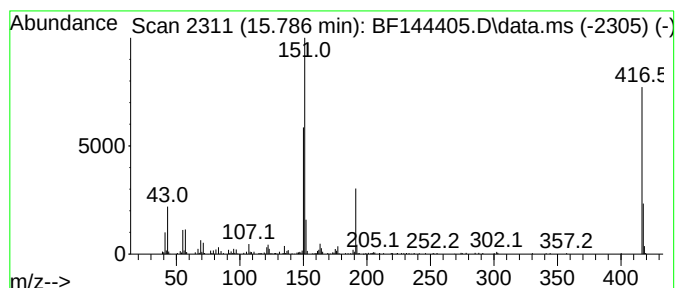
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 .beta.-Tocopherol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.786	19.48 ng	359128	Perylene-d12	15.527

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Tocopherol	416	C28H48O2	000148-03-8	98
2		.gamma.-Tocopherol	416	C28H48O2	007616-22-0	97
3		(R)-6-Methoxy-2,8-dimethyl-2-((4...	416	C28H48O2	1116113-36-0	86
4		Wikstromol, trimethyl ether	416	C23H28O7	1000504-13-5	70
5		N,N'-Bis(3-methoxyfluoren-9-ylid...	416	C28H20N2O2	1000210-76-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

A
B
C
D
E
F
G
H
I
J
K

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,3,5-Cyclohept...	3.922	2.7	ng	31770	1	6.863	235275	20.0
Benzene, 1,2,3-...	6.687	2.1	ng	24204	1	6.863	235275	20.0
Benzophenone	10.616	5.0	ng	82164	3	9.898	331766	20.0
n-Hexadecanoic ...	11.916	10.9	ng	171013	4	11.392	314575	20.0
Heptadecyl hept...	13.880	3.6	ng	86837	5	14.045	479839	20.0
.delta.-Tocopherol	15.410	5.9	ng	108118	6	15.527	368767	20.0
.beta.-Tocopherol	15.786	19.5	ng	359128	6	15.527	368767	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026222.D
 Acq On : 03 Dec 2025 00:47
 Operator : RC/JU
 Sample : Q3742-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-2

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025

Quant Time: Dec 03 01:13:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	225904	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	830523	20.000	ng	-0.02
39) Acenaphthene-d10	14.290	164	498615	20.000	ng	-0.04
64) Phenanthrene-d10	17.095	188	999235	20.000	ng	-0.04
76) Chrysene-d12	21.536	240	1248030	20.000	ng	-0.04
86) Perylene-d12	24.836	264	1507113	20.000	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	954049	67.787	ng	0.00
7) Phenol-d6	6.843	99	1115707	62.269	ng	-0.01
23) Nitrobenzene-d5	8.796	82	655442	44.828	ng	-0.02
42) 2,4,6-Tribromophenol	15.813	330	444414	68.707	ng	-0.02
45) 2-Fluorobiphenyl	12.896	172	1544794	45.407	ng	-0.04
79) Terphenyl-d14	19.831	244	2684151	43.854	ng	-0.04
Target Compounds						Qvalue
71) Phenanthrene	17.148	178	482396	8.570	ng	99
72) Anthracene	17.237	178	177588	3.093	ng	99
75) Fluoranthene	19.231	202	982989	14.373	ng	99
78) Pyrene	19.607	202	855627	10.456	ng	99
81) Benzo(a)anthracene	21.513	228	652012m	7.607	ng	
83) Chrysene	21.583	228	524595	6.494	ng	98
87) Indeno(1,2,3-cd)pyrene	28.583	276	263347	2.330	ng	# 92
88) Benzo(b)fluoranthene	23.795	252	594654	6.479	ng	98
89) Benzo(k)fluoranthene	23.854	252	235087m	2.564	ng	
90) Benzo(a)pyrene	24.677	252	488712	5.621	ng	98
92) Benzo(g,h,i)perylene	29.712	276	225666	2.454	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026222.D
Acq On : 03 Dec 2025 00:47
Operator : RC/JU
Sample : Q3742-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 03 01:13:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Instrument :

BNA_P

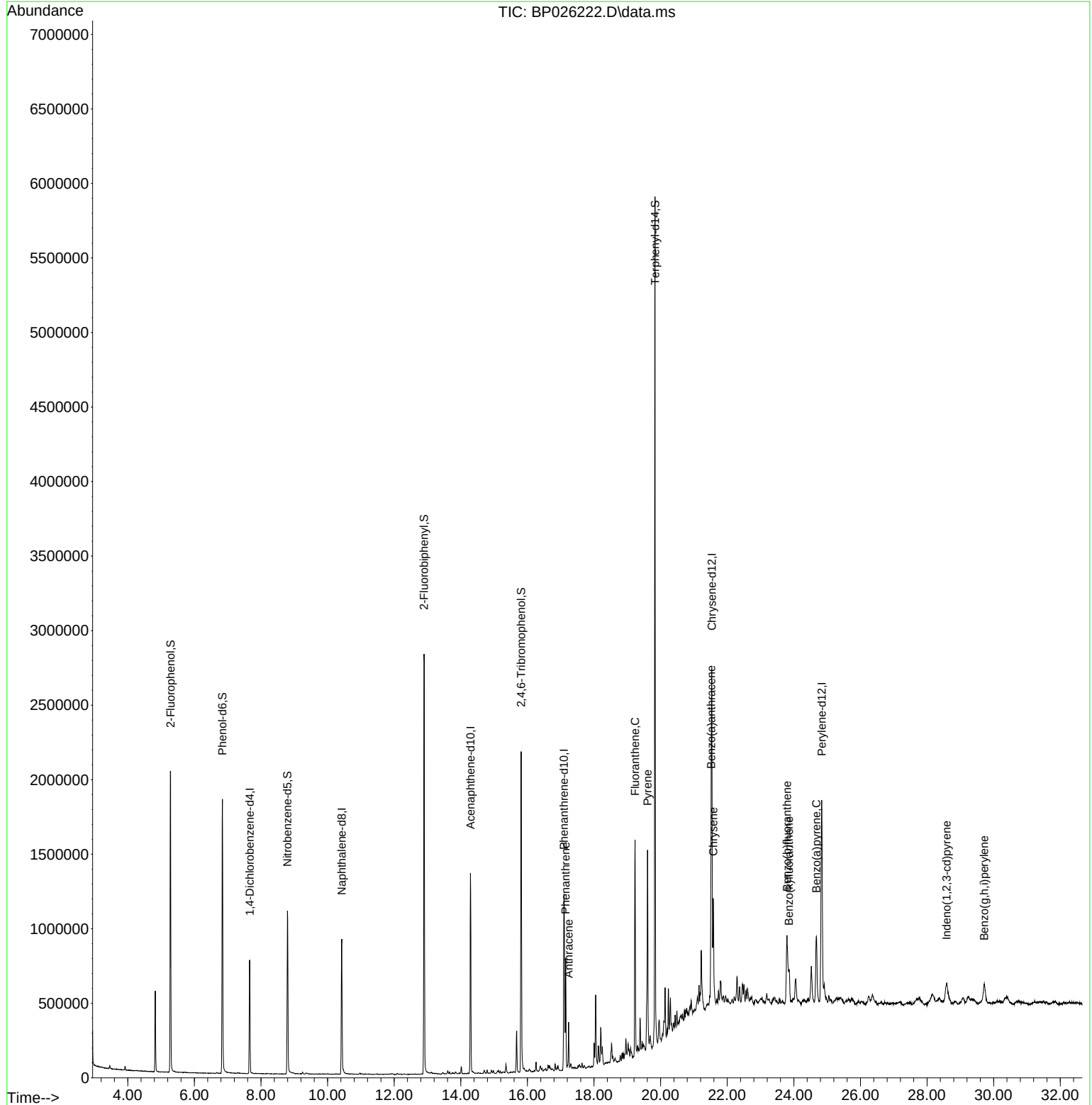
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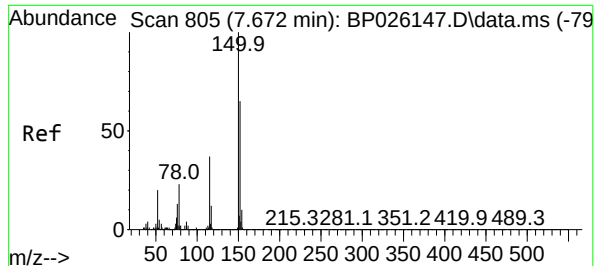
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Manual Integrations

APPROVED

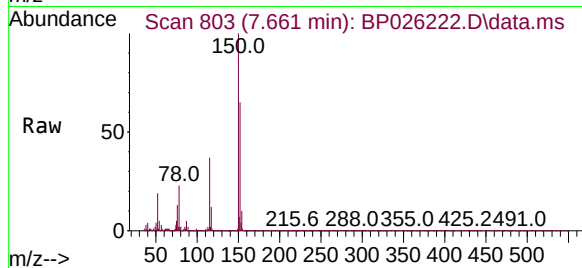
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.661 min Scan# 805
Delta R.T. -0.011 min
Lab File: BP026222.D
Acq: 03 Dec 2025 00:47

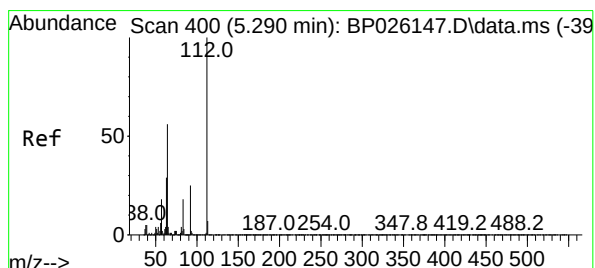
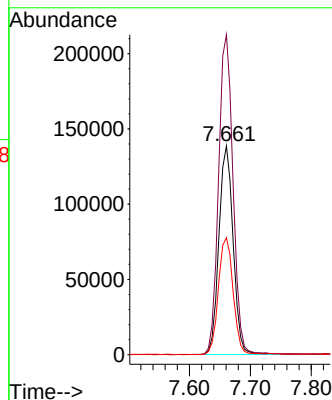
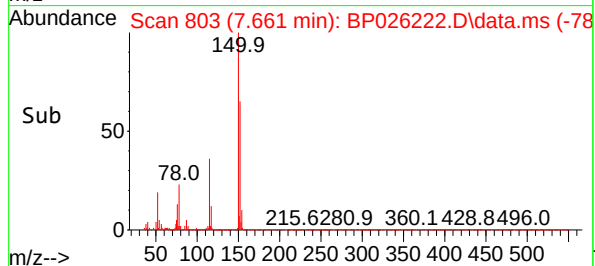
Instrument :
BNA_P
ClientSampleId :
SB-1125-2



Tgt Ion:152 Resp: 225904
Ion Ratio Lower Upper
152 100
150 153.3 123.0 184.6
115 56.0 46.3 69.5

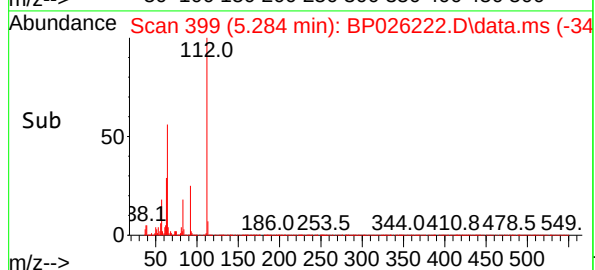
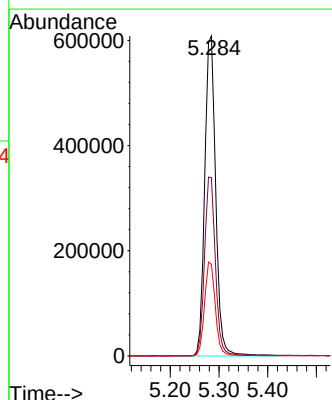
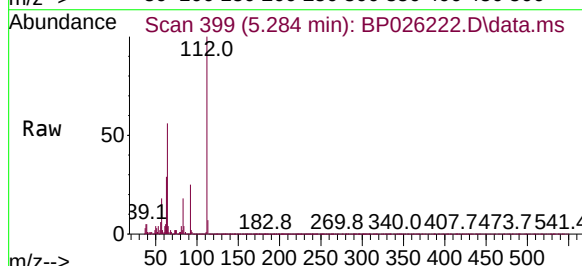
Manual Integrations
APPROVED

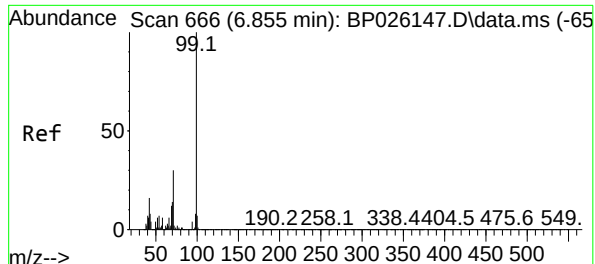
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#5
2-Fluorophenol
Concen: 67.787 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026222.D
Acq: 03 Dec 2025 00:47

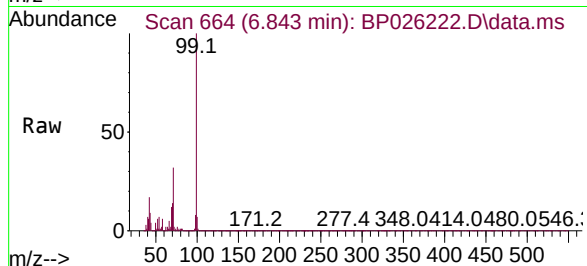
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Ion Ratio Lower Upper
112 100
64 55.7 45.8 68.6
63 28.6 23.5 35.3





#7
Phenol-d6
Concen: 62.269 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026222.D
Acq: 03 Dec 2025 00:47

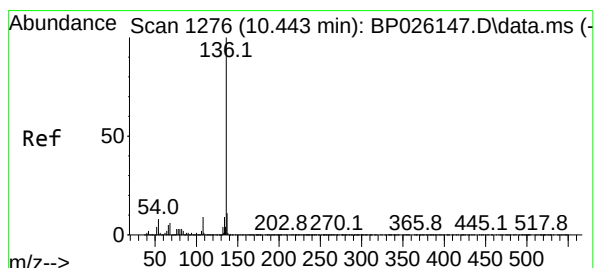
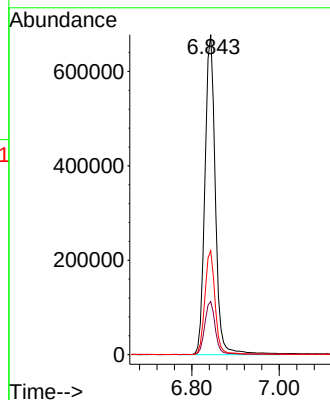
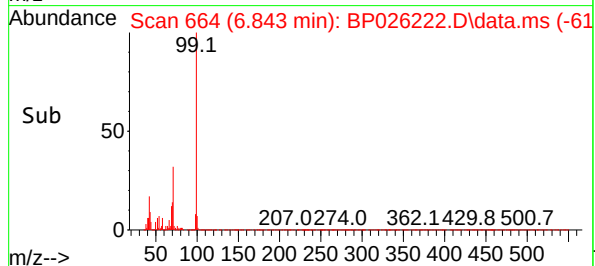
Instrument :
BNA_P
ClientSampleId :
SB-1125-2



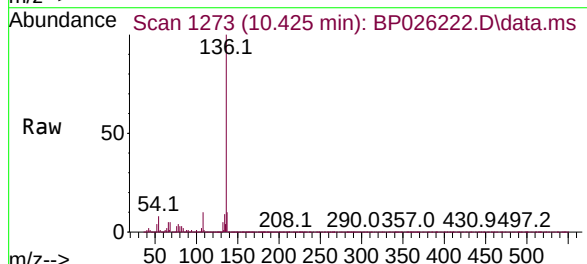
Tgt Ion: 99 Resp: 111570
Ion Ratio Lower Upper
99 100
42 16.6 12.9 19.3
71 32.5 24.8 37.2

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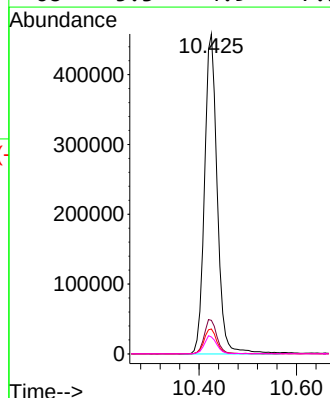
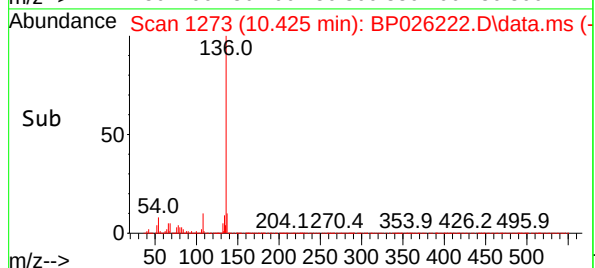
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

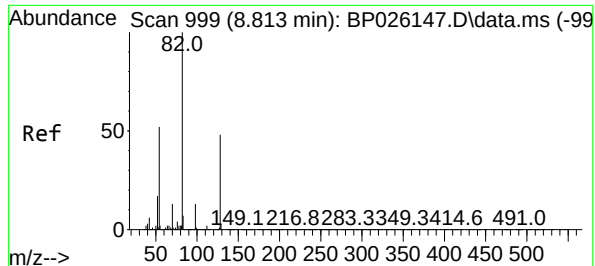


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.023 min
Lab File: BP026222.D
Acq: 03 Dec 2025 00:47



Tgt Ion:136 Resp: 830523
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 7.8 6.4 9.6
68 5.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 44.828 ng

RT: 8.796 min Scan# 99

Delta R.T. -0.017 min

Lab File: BP026222.D

Acq: 03 Dec 2025 00:47

Instrument :

BNA_P

ClientSampleId :

SB-1125-2

Tgt Ion: 82 Resp: 65544

Ion Ratio Lower Upper

82 100

128 47.6 37.4 56.0

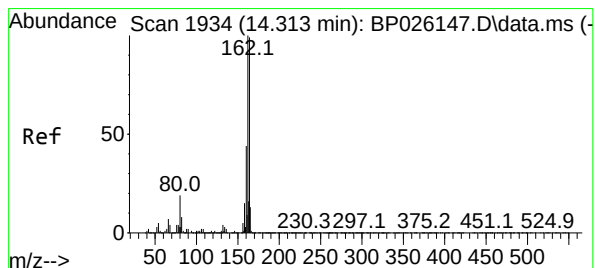
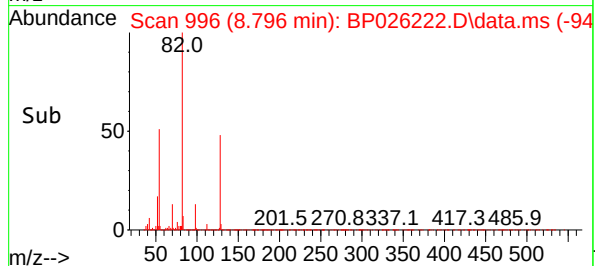
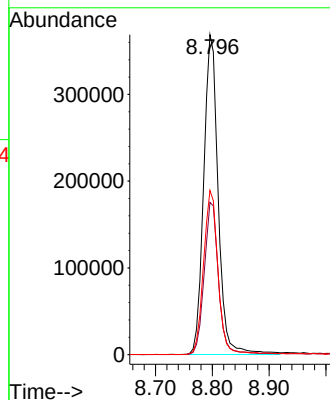
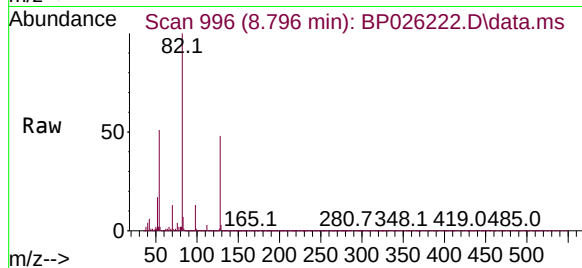
54 51.3 41.6 62.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.290 min Scan# 1930

Delta R.T. -0.035 min

Lab File: BP026222.D

Acq: 03 Dec 2025 00:47

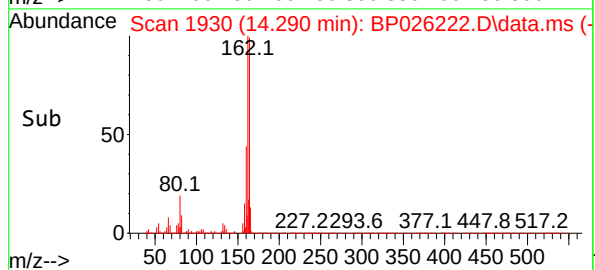
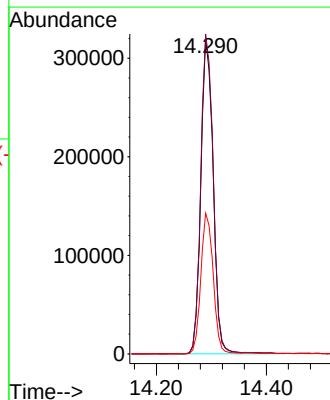
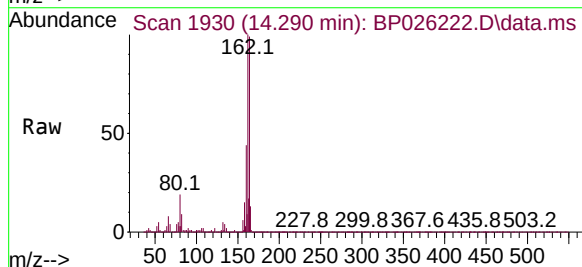
Tgt Ion:164 Resp: 498615

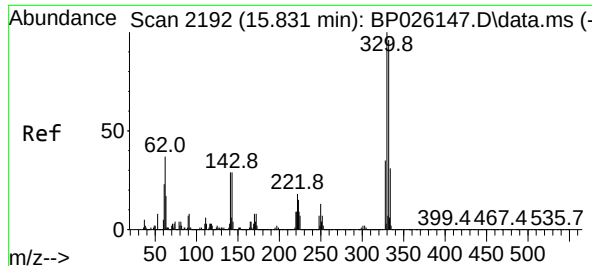
Ion Ratio Lower Upper

164 100

162 101.3 80.3 120.5

160 44.6 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 68.707 ng

RT: 15.813 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP026222.D

Acq: 03 Dec 2025 00:47

Instrument :

BNA_P

ClientSampleId :

SB-1125-2

Tgt Ion:330 Resp: 444414

Ion Ratio Lower Upper

330 100

332 98.4 78.0 117.0

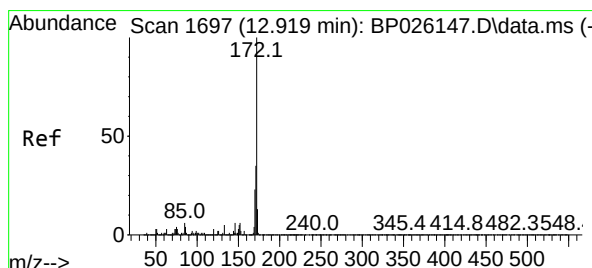
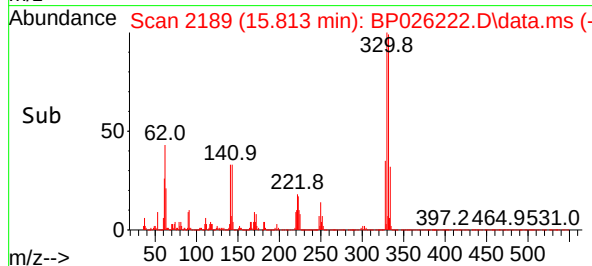
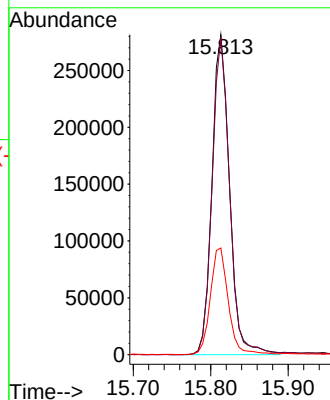
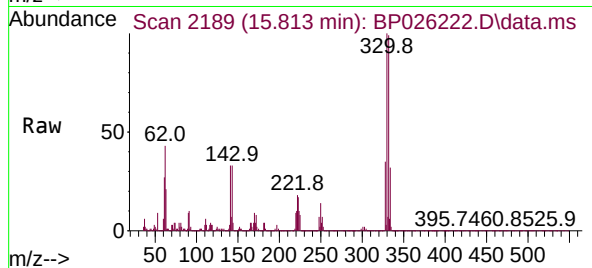
141 33.8 26.8 40.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#45

2-Fluorobiphenyl

Concen: 45.407 ng

RT: 12.896 min Scan# 1693

Delta R.T. -0.035 min

Lab File: BP026222.D

Acq: 03 Dec 2025 00:47

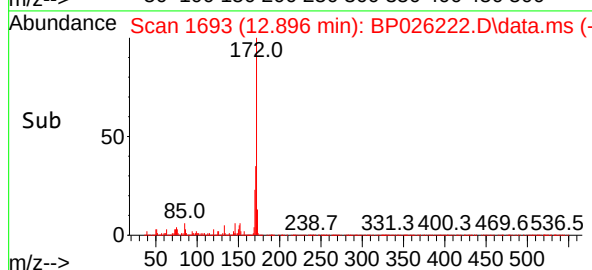
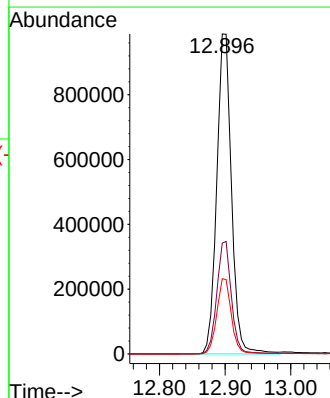
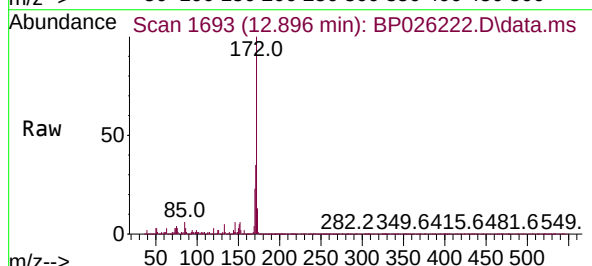
Tgt Ion:172 Resp: 1544794

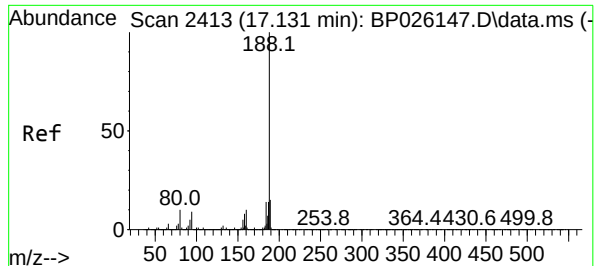
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.4

170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.095 min Scan# 2413

Delta R.T. -0.035 min

Lab File: BP026222.D

Acq: 03 Dec 2025 00:47

Instrument :

BNA_P

ClientSampleId :

SB-1125-2

Tgt Ion:188 Resp: 999235

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.6

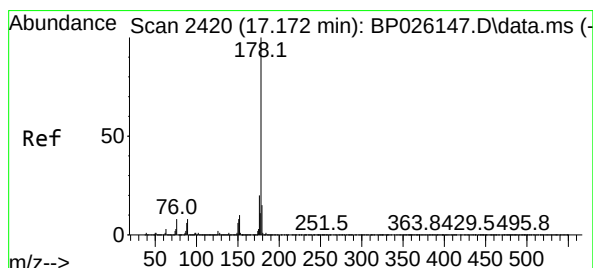
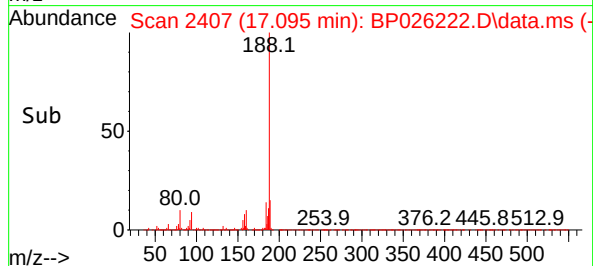
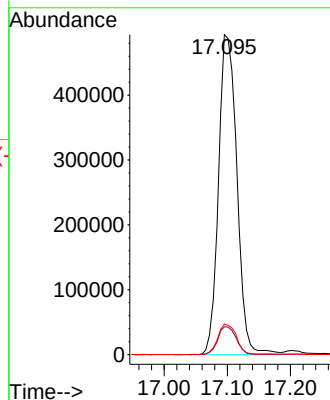
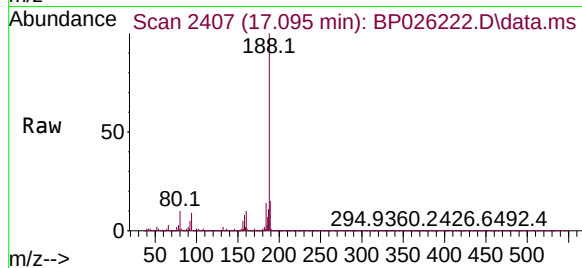
80 9.5 8.2 12.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#71

Phenanthrene

Concen: 8.570 ng

RT: 17.148 min Scan# 2416

Delta R.T. -0.029 min

Lab File: BP026222.D

Acq: 03 Dec 2025 00:47

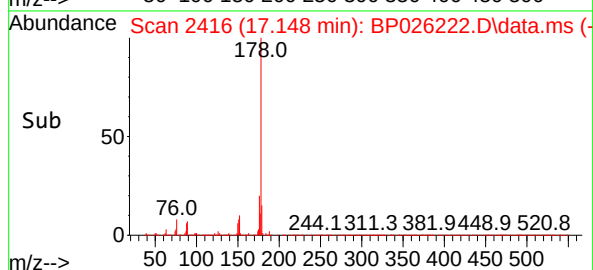
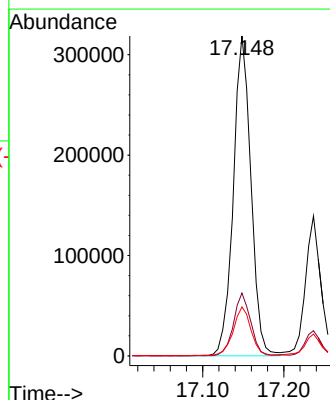
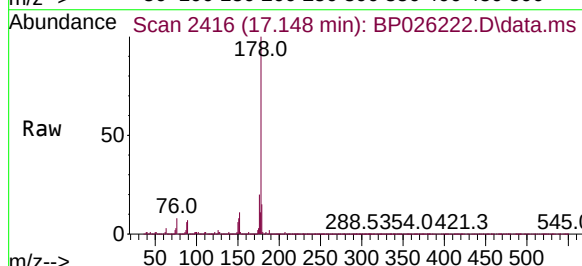
Tgt Ion:178 Resp: 482396

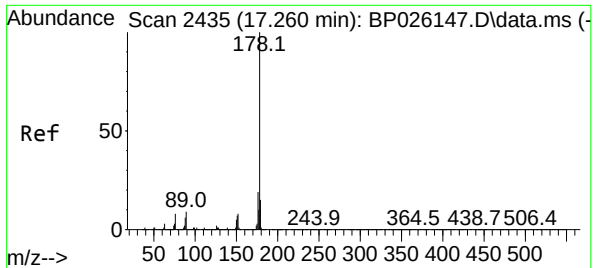
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

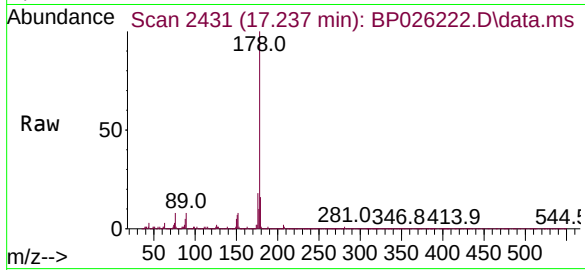
179 15.3 12.4 18.6





#72
 Anthracene
 Concen: 3.093 ng
 RT: 17.237 min Scan# 2435
 Delta R.T. -0.035 min
 Lab File: BP026222.D
 Acq: 03 Dec 2025 00:47

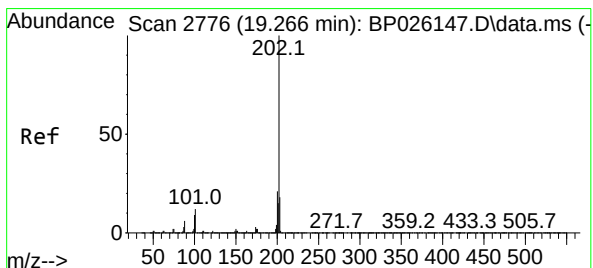
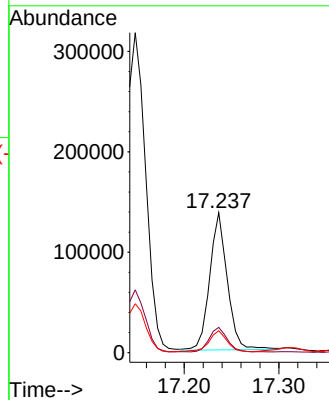
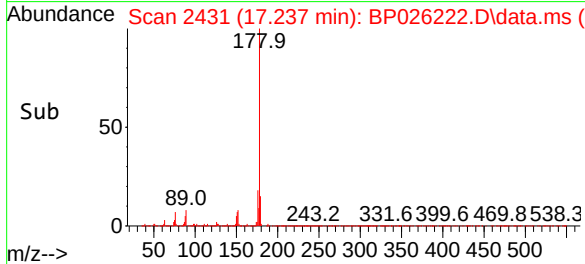
Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-2



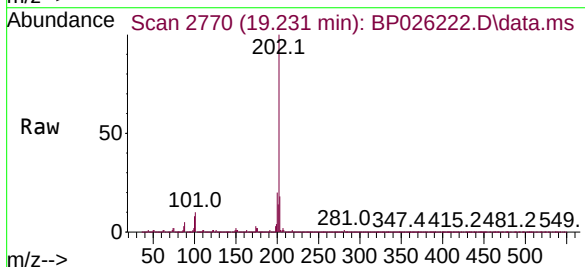
Tgt Ion:178 Resp: 177588
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.8 22.2
 179 15.6 12.2 18.4

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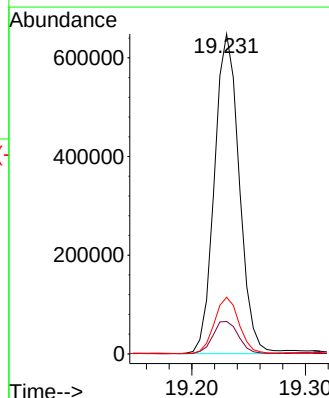
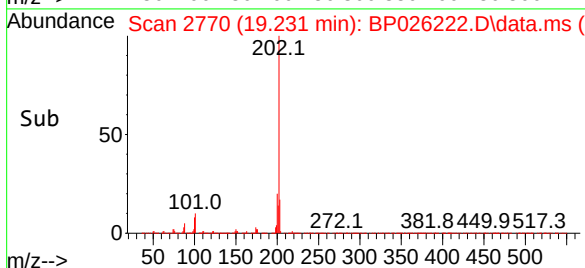
Reviewed By :Jagrut Upadhyay 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025

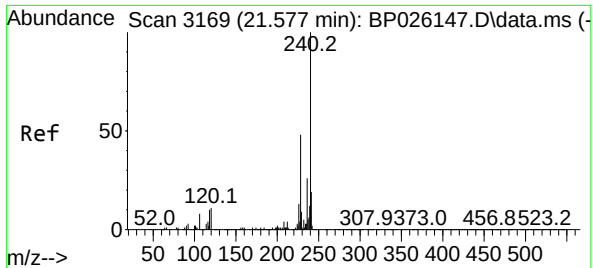


#75
 Fluoranthene
 Concen: 14.373 ng
 RT: 19.231 min Scan# 2770
 Delta R.T. -0.035 min
 Lab File: BP026222.D
 Acq: 03 Dec 2025 00:47



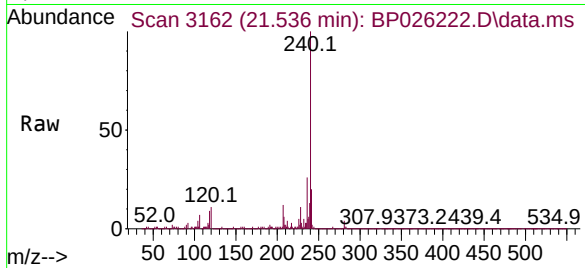
Tgt Ion:202 Resp: 982989
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 31.2
 203 17.7 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.035 min
Lab File: BP026222.D
Acq: 03 Dec 2025 00:47

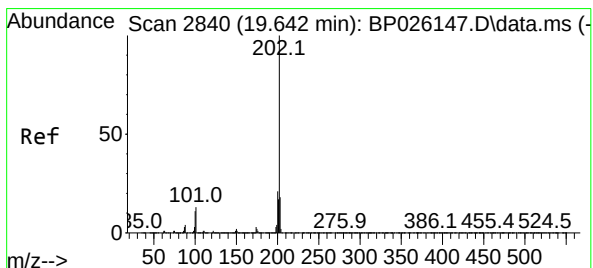
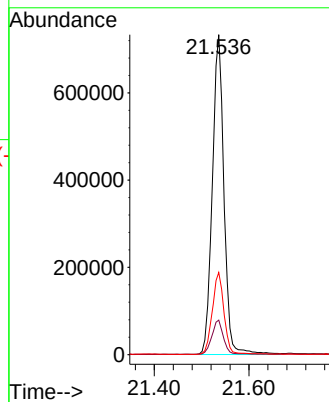
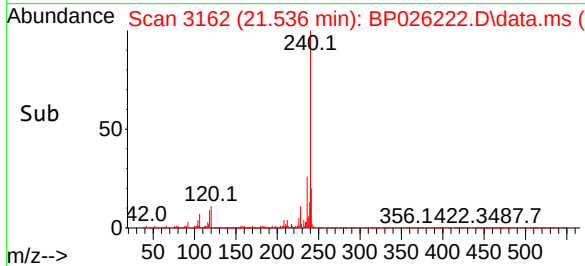
Instrument :
BNA_P
ClientSampleId :
SB-1125-2



Tgt Ion:240 Resp: 1248036
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.4
236 25.7 20.4 30.6

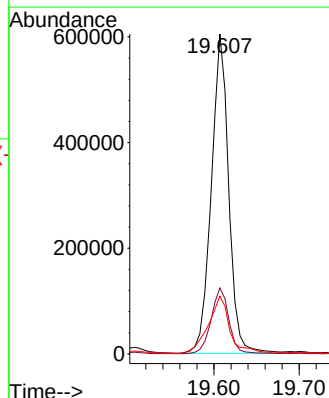
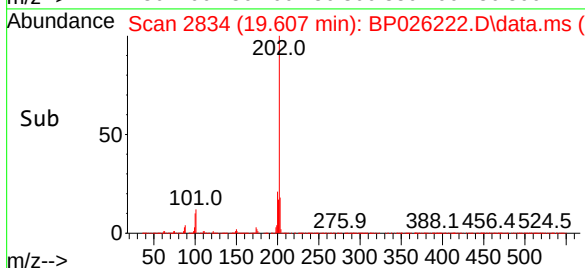
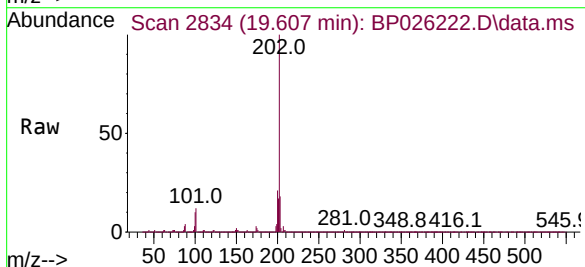
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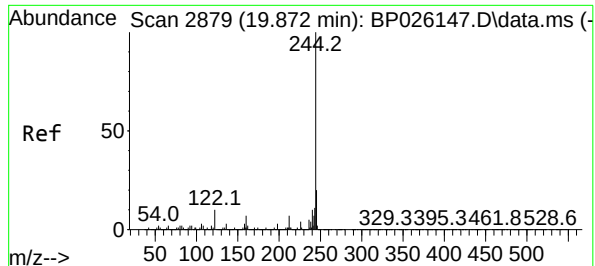
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#78
Pyrene
Concen: 10.456 ng
RT: 19.607 min Scan# 2834
Delta R.T. -0.035 min
Lab File: BP026222.D
Acq: 03 Dec 2025 00:47

Tgt Ion:202 Resp: 855627
Ion Ratio Lower Upper
202 100
200 20.6 16.9 25.3
203 18.0 13.8 20.8





#79

Terphenyl-d14

Concen: 43.854 ng

RT: 19.831 min Scan# 2879

Delta R.T. -0.041 min

Lab File: BP026222.D

Acq: 03 Dec 2025 00:47

Instrument :

BNA_P

ClientSampleId :

SB-1125-2

Tgt Ion:244 Resp: 268415

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

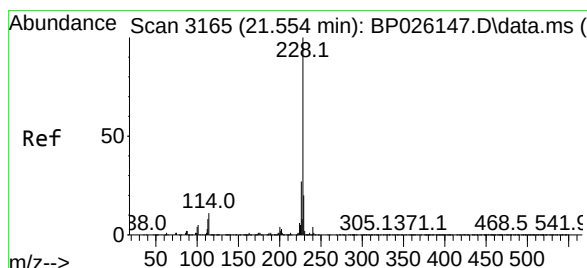
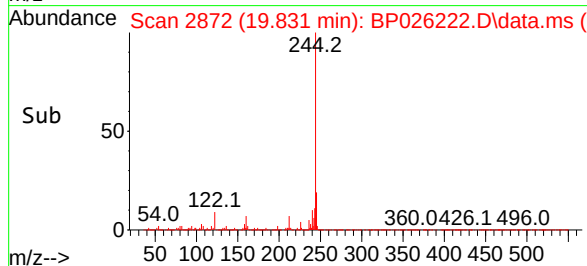
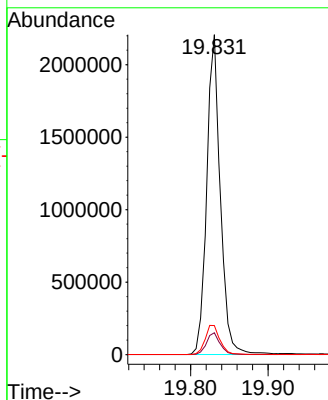
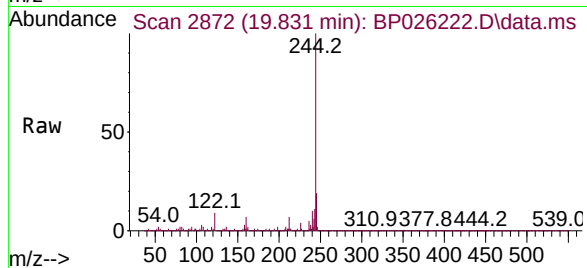
122 9.1 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#81

Benzo(a)anthracene

Concen: 7.607 ng m

RT: 21.513 min Scan# 3158

Delta R.T. -0.041 min

Lab File: BP026222.D

Acq: 03 Dec 2025 00:47

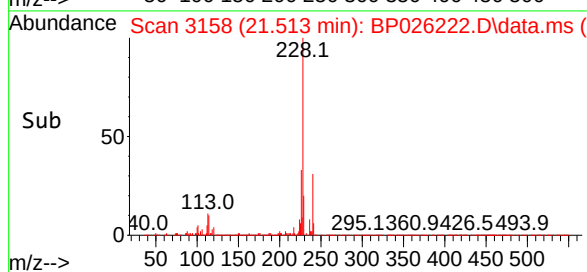
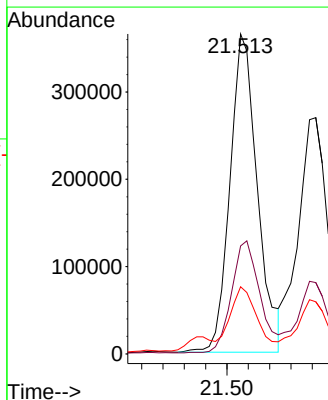
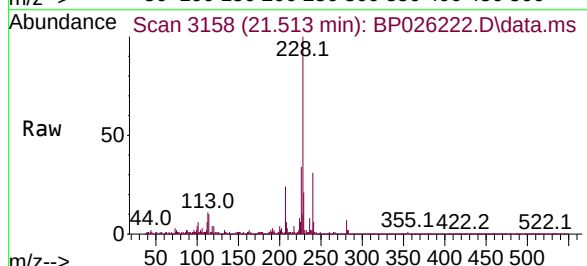
Tgt Ion:228 Resp: 652012

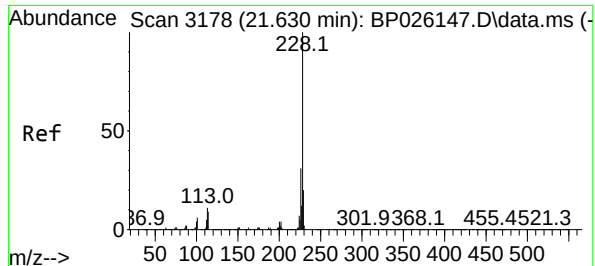
Ion Ratio Lower Upper

228 100

226 33.8 21.8 32.8#

229 21.0 15.9 23.9





#83

Chrysene

Concen: 6.494 ng

RT: 21.583 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP026222.D

Acq: 03 Dec 2025 00:47

Instrument :

BNA_P

ClientSampleId :

SB-1125-2

Tgt Ion:228 Resp: 524595

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

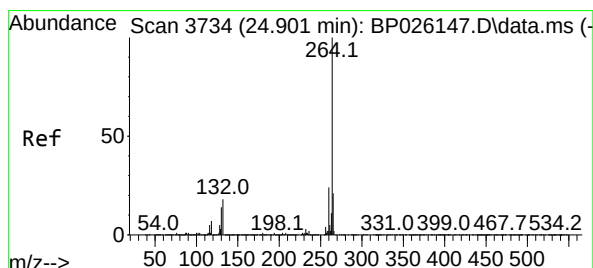
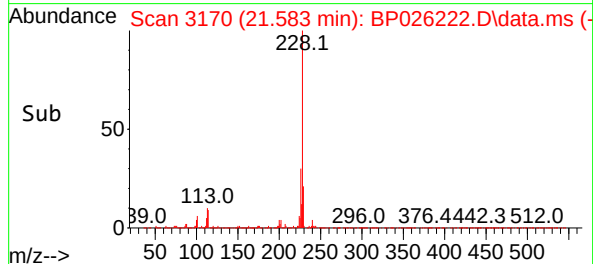
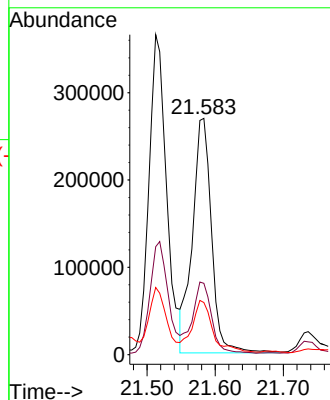
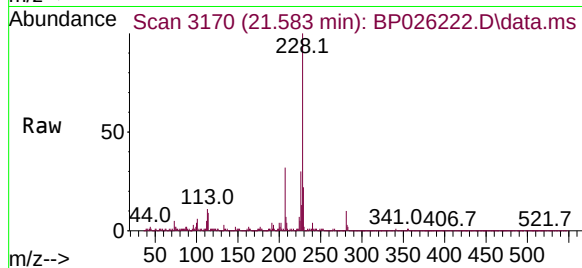
229 22.1 15.9 23.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.836 min Scan# 3723

Delta R.T. -0.070 min

Lab File: BP026222.D

Acq: 03 Dec 2025 00:47

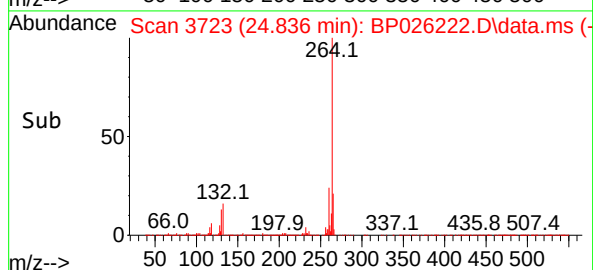
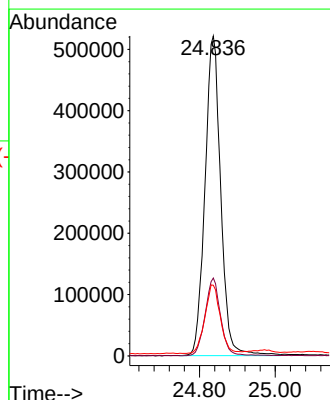
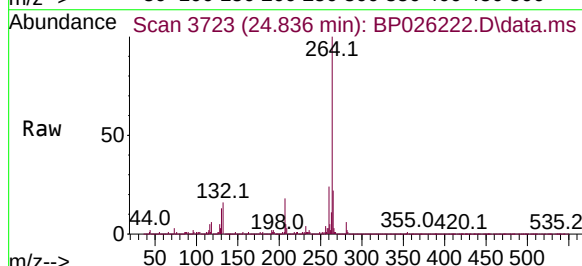
Tgt Ion:264 Resp: 1507113

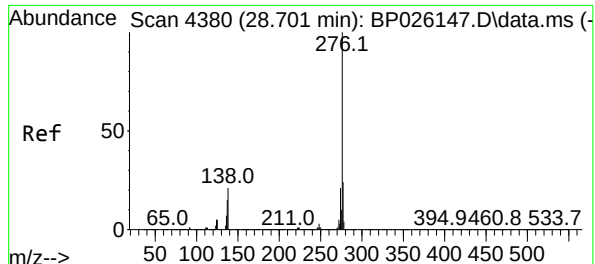
Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 22.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.330 ng

RT: 28.583 min Scan# 4380

Delta R.T. -0.123 min

Lab File: BP026222.D

Acq: 03 Dec 2025 00:47

Instrument :

BNA_P

ClientSampleId :

SB-1125-2

Tgt Ion:276 Resp: 26334

Ion Ratio Lower Upper

276 100

138 20.0 13.8 20.8

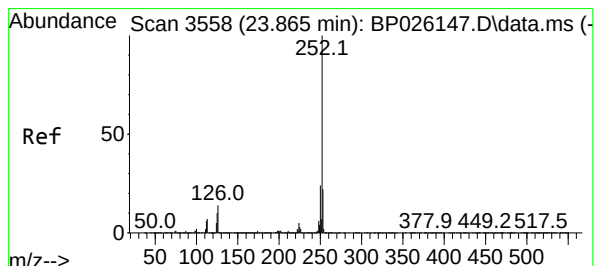
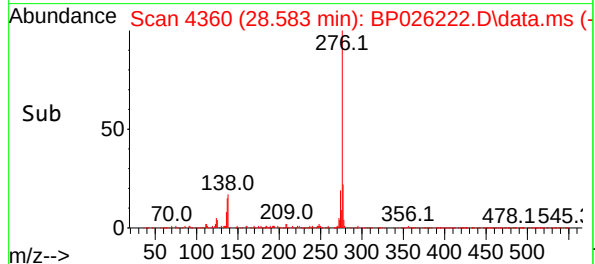
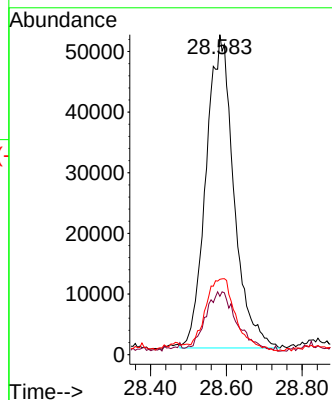
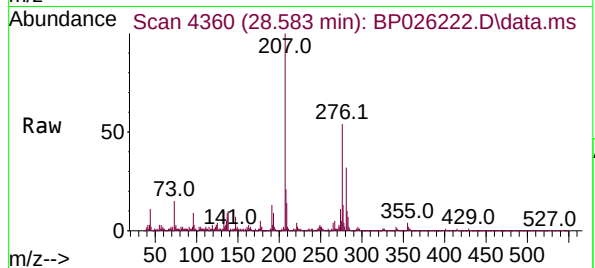
277 25.1 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#88

Benzo(b)fluoranthene

Concen: 6.479 ng

RT: 23.795 min Scan# 3546

Delta R.T. -0.070 min

Lab File: BP026222.D

Acq: 03 Dec 2025 00:47

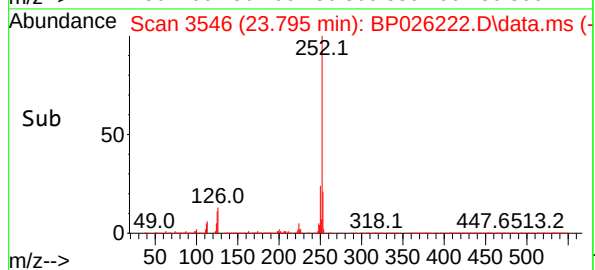
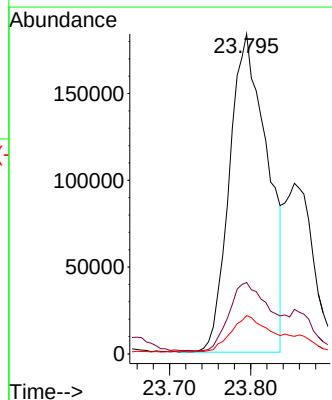
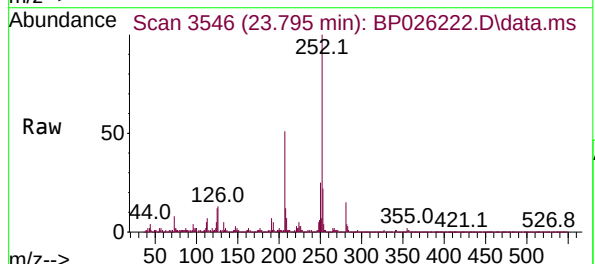
Tgt Ion:252 Resp: 594654

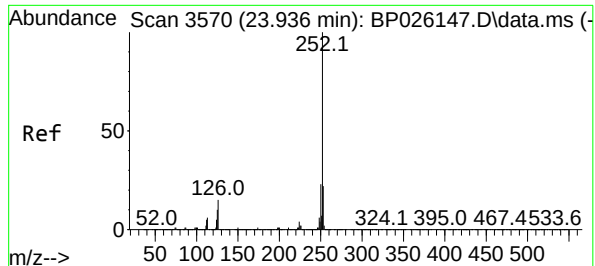
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 12.0 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 2.564 ng m

RT: 23.854 min Scan# 31

Delta R.T. -0.082 min

Lab File: BP026222.D

Acq: 03 Dec 2025 00:47

Instrument :

BNA_P

ClientSampleId :

SB-1125-2

Tgt Ion:252 Resp: 23508

Ion Ratio Lower Upper

252 100

253 26.1 17.6 26.4

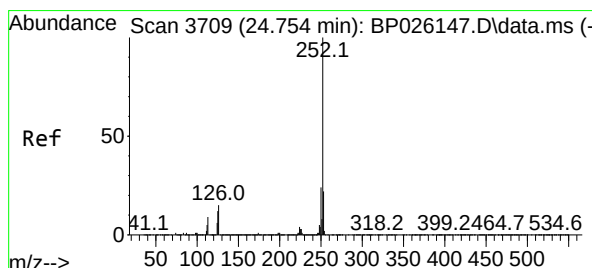
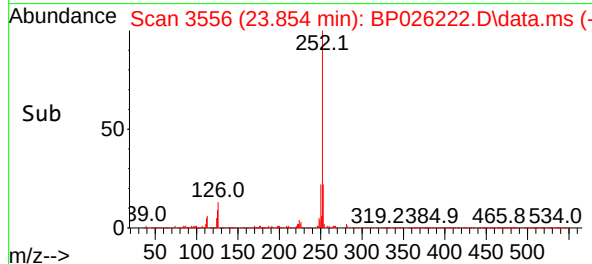
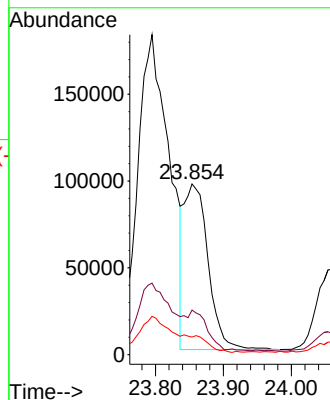
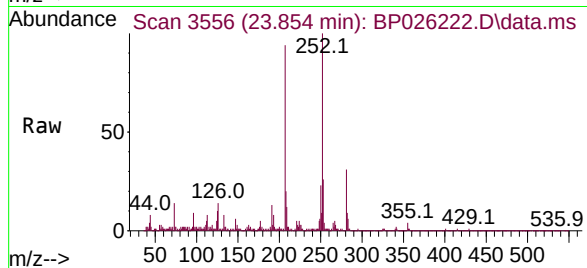
125 10.3 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#90

Benzo(a)pyrene

Concen: 5.621 ng

RT: 24.677 min Scan# 3696

Delta R.T. -0.076 min

Lab File: BP026222.D

Acq: 03 Dec 2025 00:47

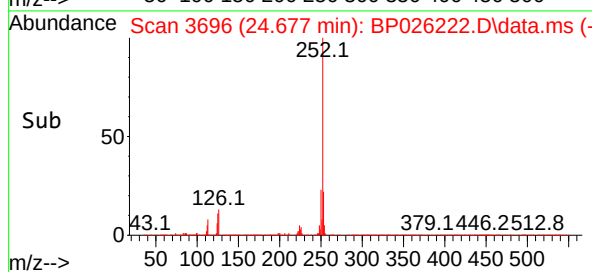
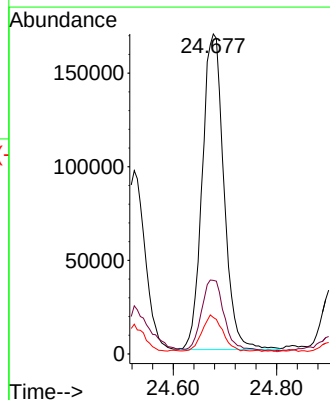
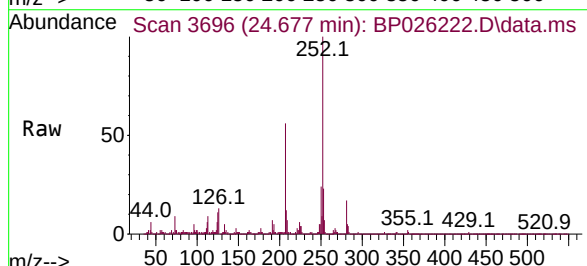
Tgt Ion:252 Resp: 488712

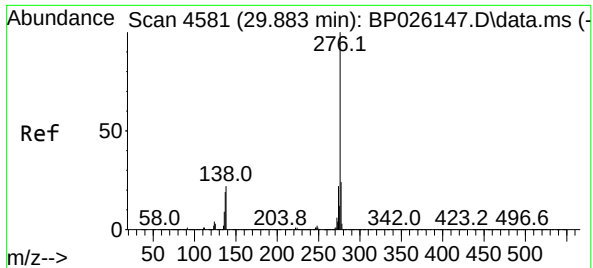
Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 11.4 9.0 13.6





#92

Benzo(g,h,i)perylene

Concen: 2.454 ng

RT: 29.712 min Scan# 4552

Delta R.T. -0.170 min

Lab File: BP026222.D

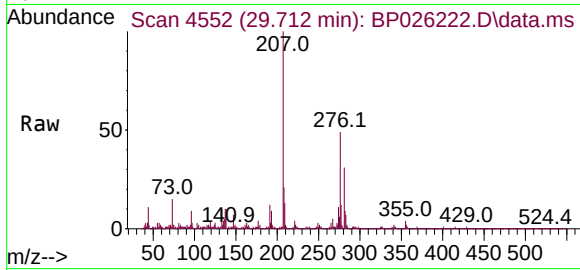
Acq: 03 Dec 2025 00:47

Instrument :

BNA_P

ClientSampleId :

SB-1125-2



Tgt Ion:276 Resp: 225666

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

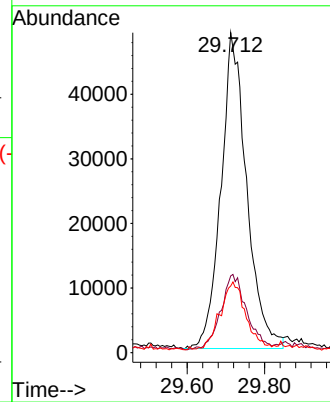
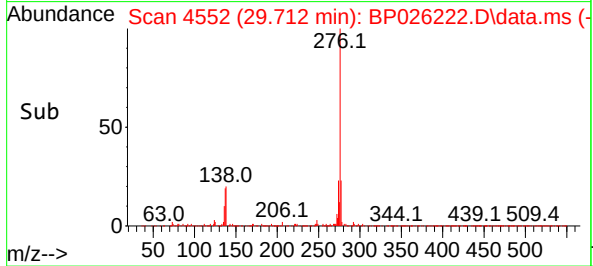
138 20.8 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026222.D
Acq On : 03 Dec 2025 00:47
Operator : RC/JU
Sample : Q3742-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026222.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.825	315	321	329	rBV	542723	758215	10.44%	1.366%
2	5.278	392	398	415	rBV	2017406	3161395	43.53%	5.696%
3	6.843	656	664	682	rBV	1840347	3053784	42.05%	5.502%
4	7.661	796	803	811	rBV	759927	1253484	17.26%	2.258%
5	8.796	989	996	1009	rBV	1093533	1936474	26.66%	3.489%
6	10.425	1265	1273	1280	rBV	906911	1625627	22.38%	2.929%
7	12.896	1686	1693	1707	rBV	2818670	4356004	59.98%	7.848%
8	14.290	1922	1930	1939	rBV	1346836	2103520	28.97%	3.790%
9	15.354	2105	2111	2118	rBV2	56395	96218	1.32%	0.173%
10	15.678	2158	2166	2176	rBV2	280261	473092	6.51%	0.852%
11	15.813	2182	2189	2202	rBV	2150137	3466846	47.74%	6.246%
12	16.260	2259	2265	2271	rBV	62387	87598	1.21%	0.158%
13	16.390	2279	2287	2292	rBV3	35286	89303	1.23%	0.161%
14	16.831	2356	2362	2367	rBV2	46474	82385	1.13%	0.148%
15	17.095	2400	2407	2413	rBV	1181534	2457729	33.84%	4.428%
16	17.148	2413	2416	2422	rVV	749670	1074315	14.79%	1.936%
17	17.237	2426	2431	2436	rVV	315538	423283	5.83%	0.763%
18	18.001	2557	2561	2565	rBV	149925	236278	3.25%	0.426%
19	18.048	2565	2569	2578	rVV2	473878	815973	11.24%	1.470%
20	18.131	2579	2583	2589	rVV2	129154	245526	3.38%	0.442%
21	18.201	2590	2595	2600	rVV2	247899	489244	6.74%	0.881%
22	18.248	2600	2603	2612	rVB	121343	197346	2.72%	0.356%
23	18.525	2644	2650	2654	rBV2	109780	193820	2.67%	0.349%
24	18.954	2720	2723	2729	rVB	105167	143017	1.97%	0.258%
25	19.231	2764	2770	2778	rBV	1453601	2280132	31.40%	4.108%
26	19.383	2792	2796	2801	rBV	217722	297611	4.10%	0.536%
27	19.607	2825	2834	2842	rBV2	1341190	2361610	32.52%	4.255%
28	19.831	2863	2872	2885	rBV	5686272	7262260	100.00%	13.084%
29	19.954	2888	2893	2899	rVV4	131381	295368	4.07%	0.532%
30	20.136	2920	2924	2930	rVB	329031	484556	6.67%	0.873%
31	20.230	2936	2940	2945	rBV	297371	411631	5.67%	0.742%
32	20.295	2947	2951	2954	rVB2	182546	257605	3.55%	0.464%
33	20.436	2972	2975	2980	rVB2	79723	95435	1.31%	0.172%
34	20.489	2981	2984	2988	rVB2	92380	119904	1.65%	0.216%
35	21.219	3105	3108	3122	rVB6	392650	826354	11.38%	1.489%
36	21.530	3153	3161	3166	rBV2	2209750	5026591	69.22%	9.056%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026222.D
Acq On : 03 Dec 2025 00:47
Operator : RC/JU
Sample : Q3742-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-2

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-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.577	3166	3169	3182	rVB	705864	1383182	19.05%	2.492%
38	23.795	3541	3546	3554	rBV	303627	760225	10.47%	1.370%
39	24.677	3690	3696	3707	rVB2	429137	1199434	16.52%	2.161%
40	24.836	3714	3723	3732	rBV	1317685	3622244	49.88%	6.526%

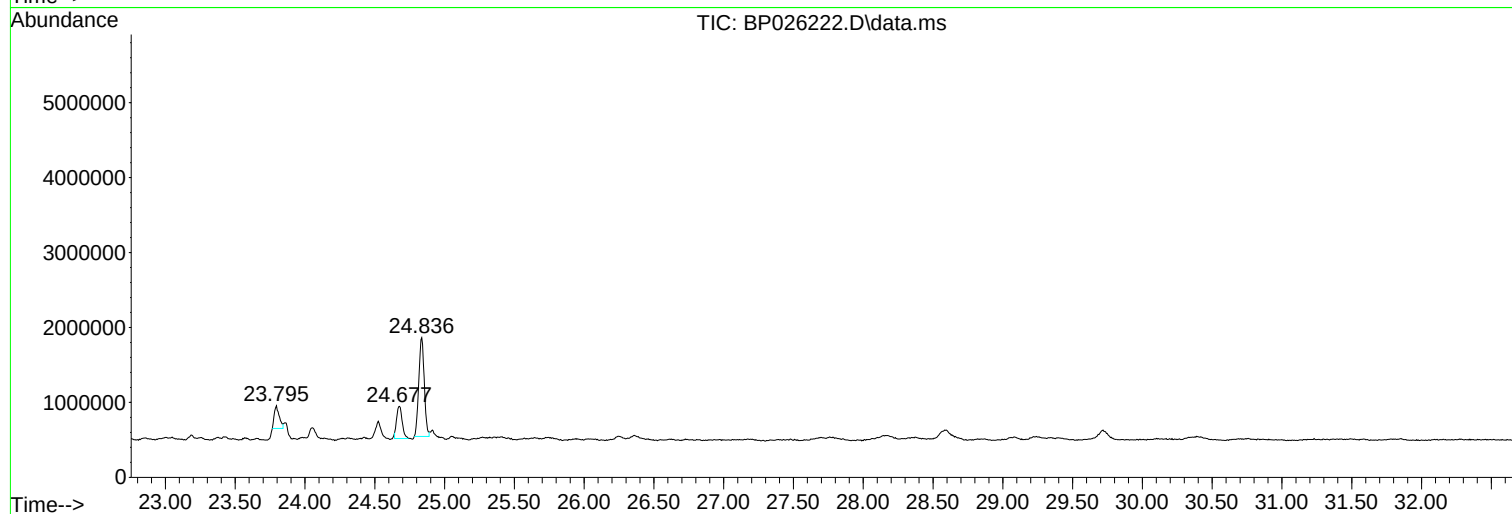
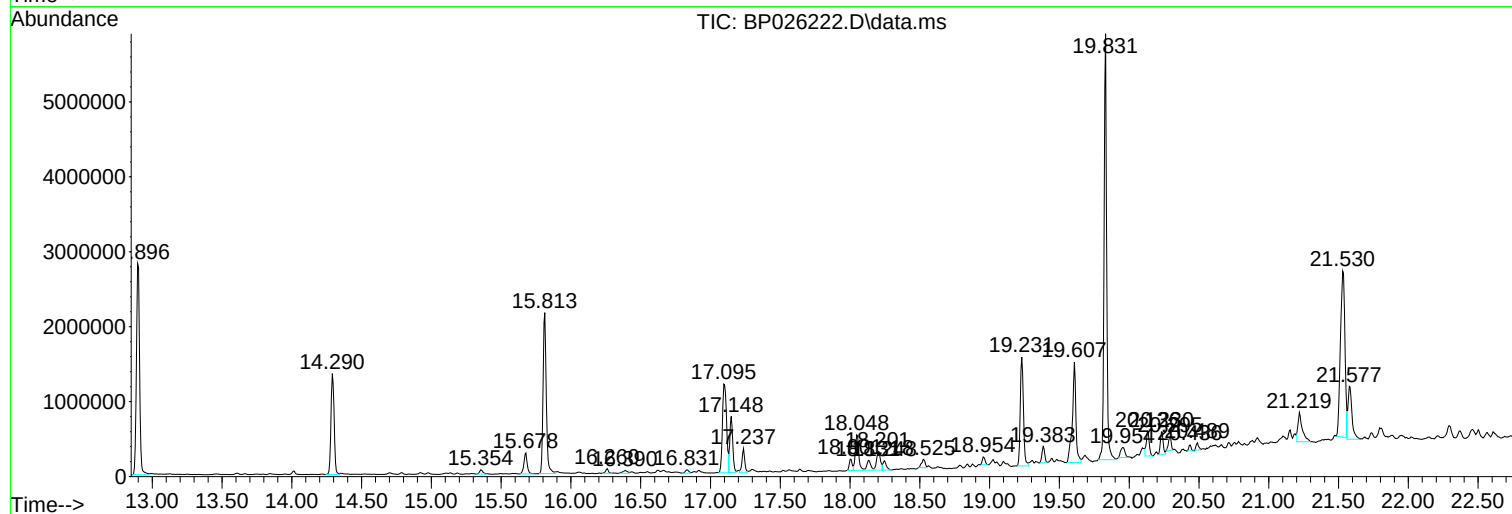
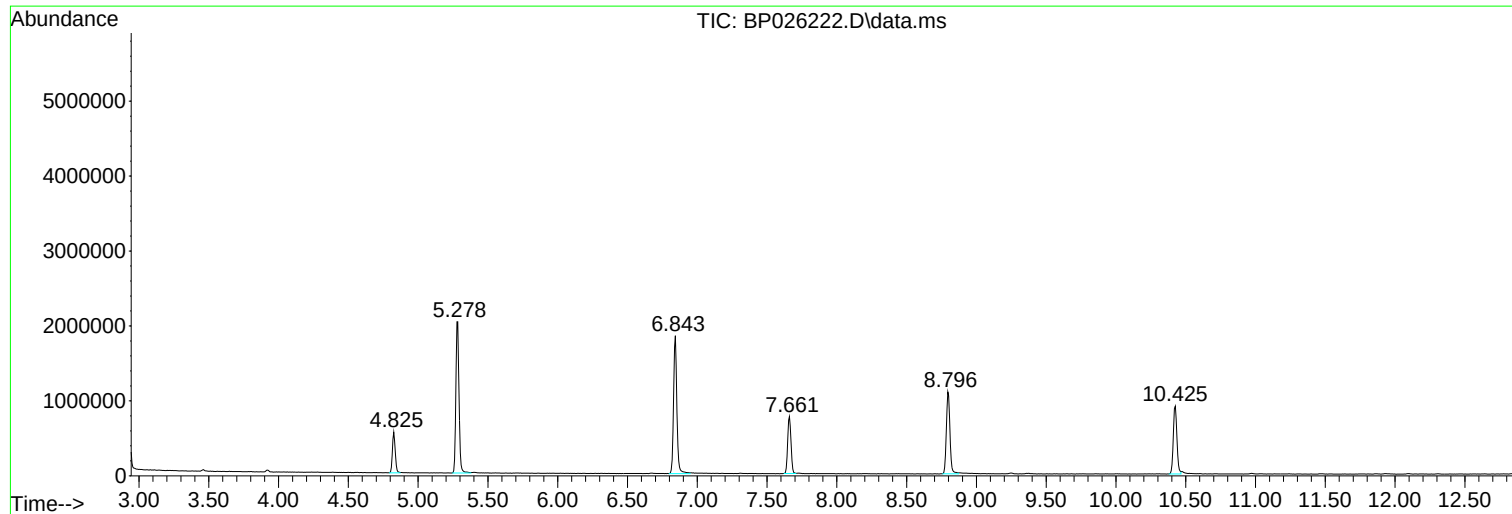
Sum of corrected areas: 55504618

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026222.D
Acq On : 03 Dec 2025 00:47
Operator : RC/JU
Sample : Q3742-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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\BP120225\
Data File : BP026222.D
Acq On : 03 Dec 2025 00:47
Operator : RC/JU
Sample : Q3742-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-2

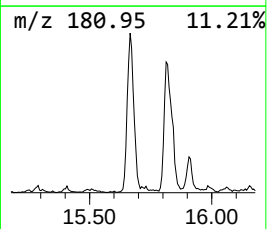
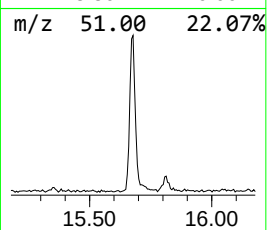
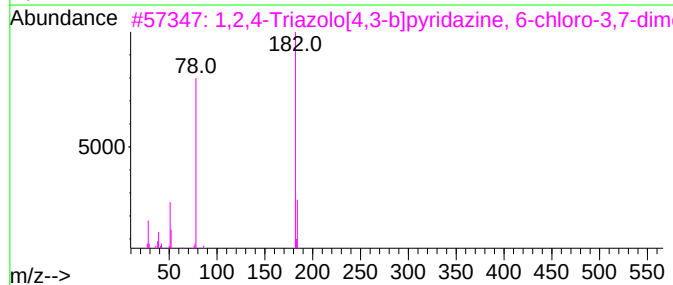
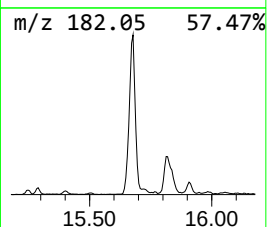
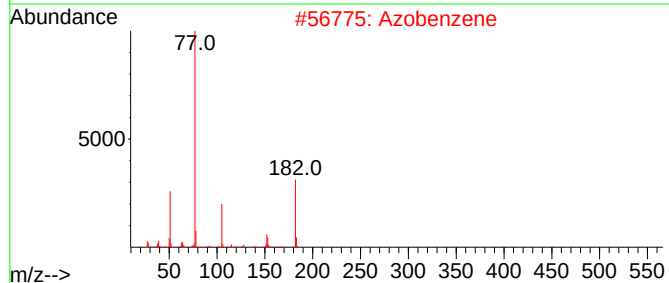
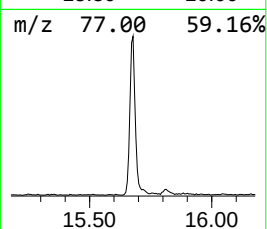
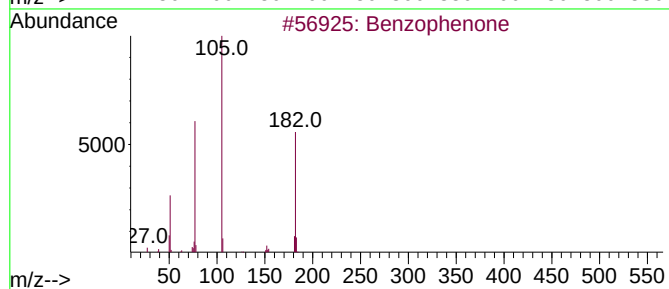
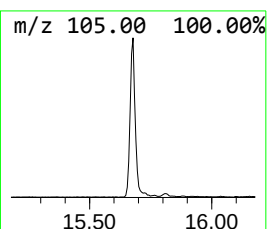
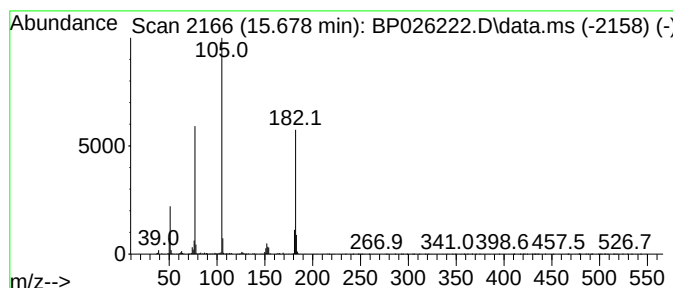
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.678	4.50 ng	473092	Acenaphthene-d10	14.290

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Azobenzene	182	C12H10N2	000103-33-3	59
3			1,2,4-Triazolo[4,3-b]pyridazine,...	182	C7H7ClN4	028593-26-2	32
4			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	27
5			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026222.D
Acq On : 03 Dec 2025 00:47
Operator : RC/JU
Sample : Q3742-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

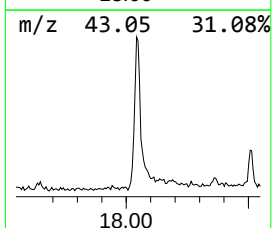
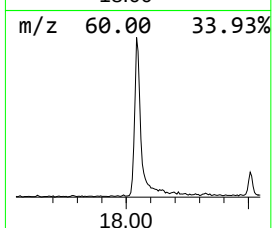
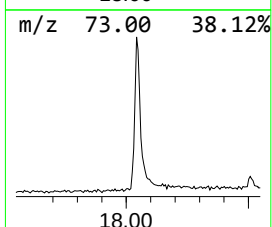
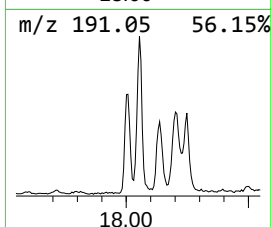
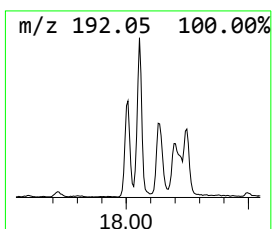
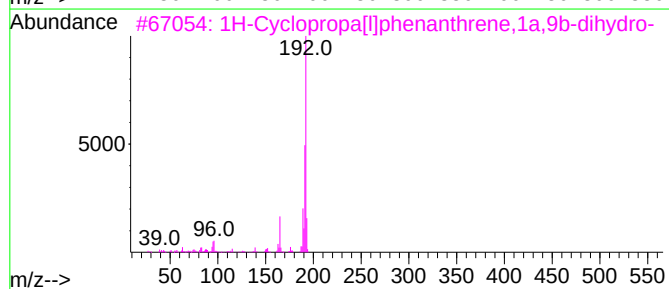
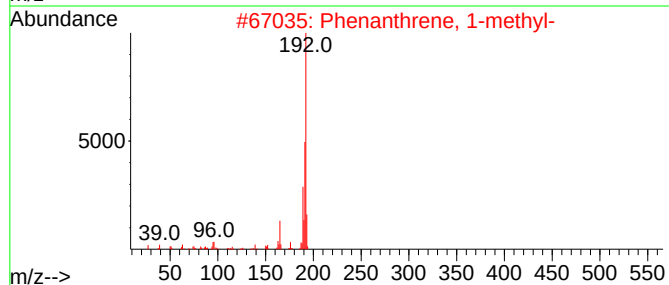
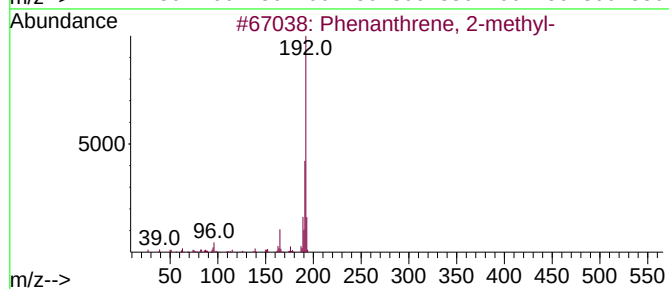
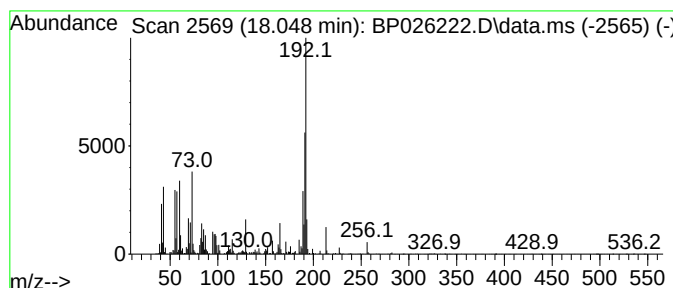
Instrument :
BNA_P
ClientSampleId :
SB-1125-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.048	6.64 ng	815973	Phenanthrene-d10	17.095	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026222.D
Acq On : 03 Dec 2025 00:47
Operator : RC/JU
Sample : Q3742-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-2

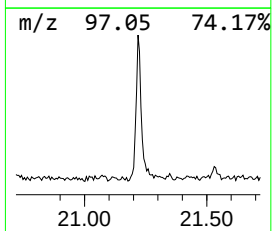
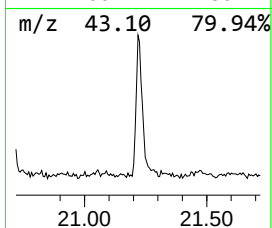
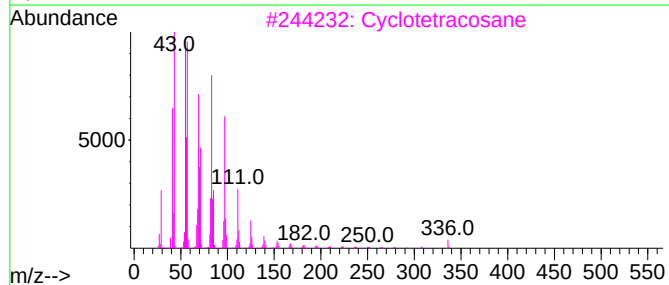
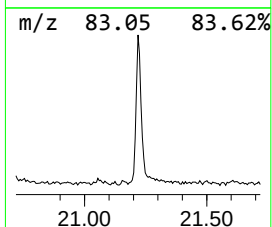
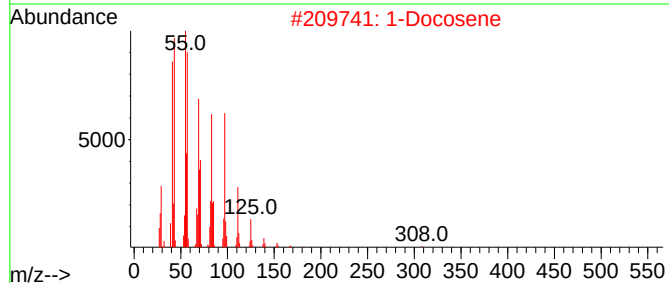
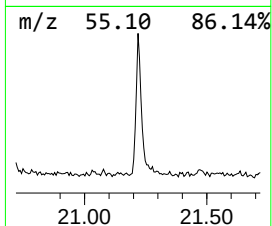
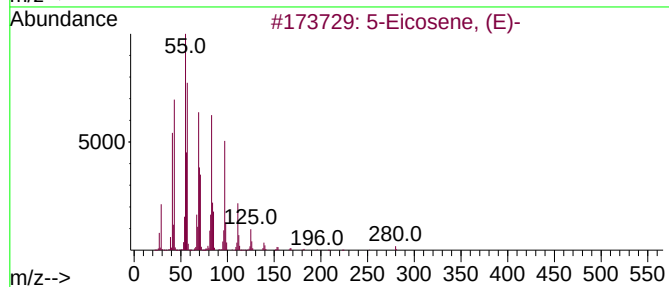
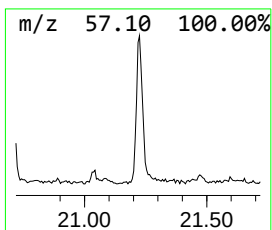
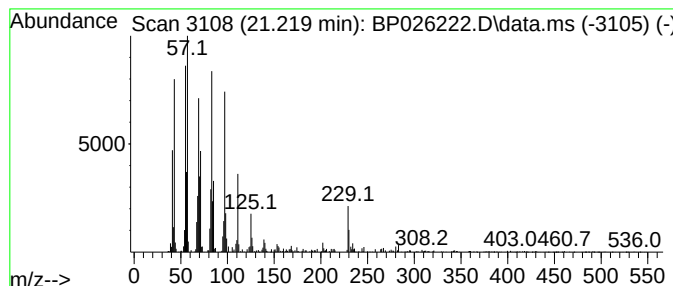
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.219	3.29 ng	826354	Chrysene-d12	21.536

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	94
2	1-Docosene		308	C22H44	001599-67-3	93
3	Cyclotetracosane		336	C24H48	000297-03-0	91
4	3-Eicosene, (E)-		280	C20H40	074685-33-9	90
5	Behenic alcohol		326	C22H46O	000661-19-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026222.D
Acq On : 03 Dec 2025 00:47
Operator : RC/JU
Sample : Q3742-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	15.678	4.5	ng	473092	3	14.290	2103520	20.0
Phenanthrene, 2...	18.048	6.6	ng	815973	4	17.095	2457730	20.0
5-Eicosene, (E)-	21.219	3.3	ng	826354	5	21.536	5026590	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144408.D
Acq On : 02 Dec 2025 17:49
Operator : RC/JU
Sample : Q3742-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-1

A
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J
K

Quant Time: Dec 02 23:47:21 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

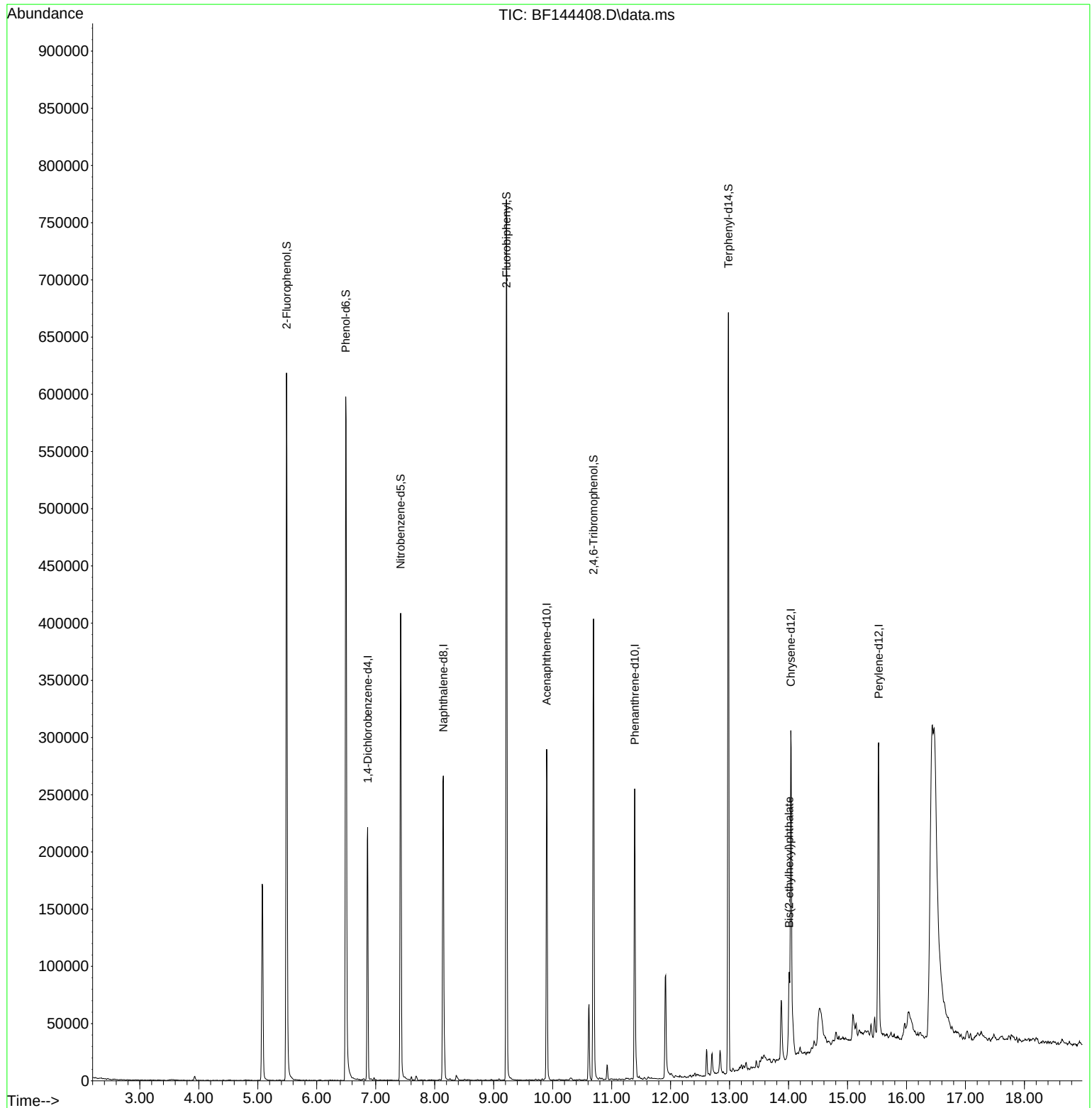
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	49831	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	179096	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	91297	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	140874	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	132275	20.000	ng	-0.01
86) Perylene-d12	15.527	264	168845	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	256682	80.607	ng	0.00
7) Phenol-d6	6.492	99	287166	79.589	ng	0.00
23) Nitrobenzene-d5	7.422	82	175411	56.567	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	80669	70.412	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	367753	59.492	ng	-0.01
79) Terphenyl-d14	12.980	244	356149	42.768	ng	-0.01
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.010	149	30990	6.124	ng	Qvalue 97

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

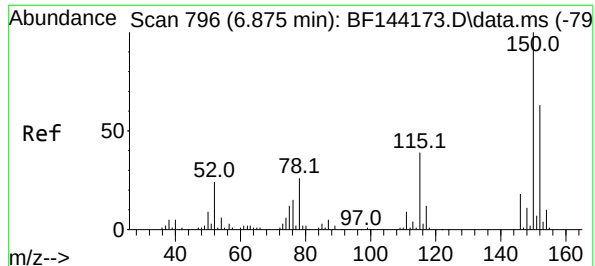
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144408.D
Acq On : 02 Dec 2025 17:49
Operator : RC/JU
Sample : Q3742-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-1

Quant Time: Dec 02 23:47:21 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



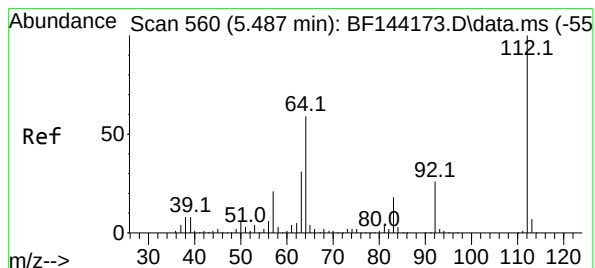
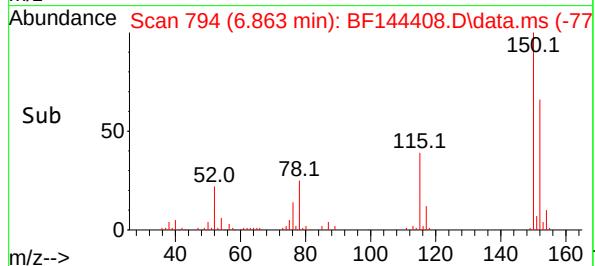
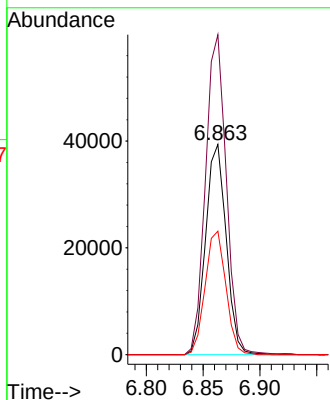
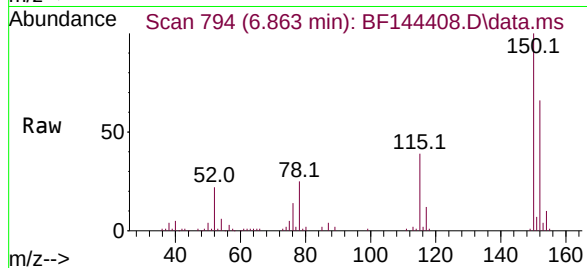
A
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144408.D
Acq: 02 Dec 2025 17:49

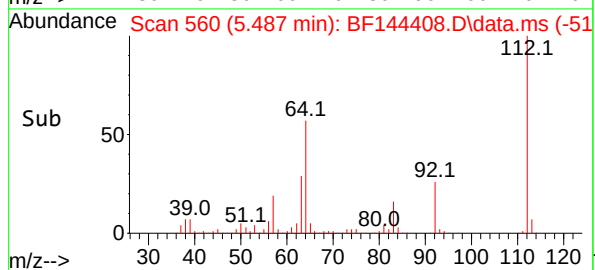
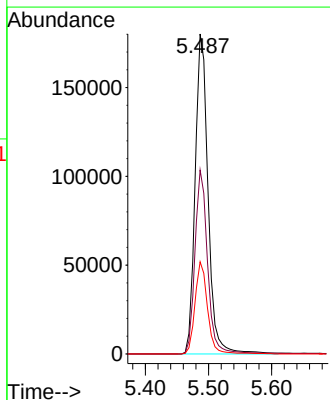
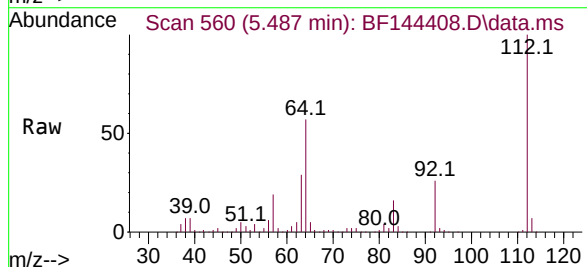
Instrument :
BNA_F
ClientSampleId :
SB-1125-1

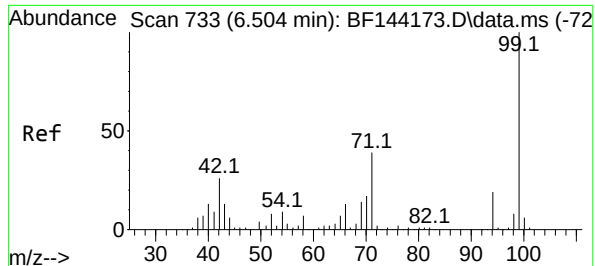
Tgt Ion:152 Resp: 49831
Ion Ratio Lower Upper
152 100
150 152.3 127.4 191.0
115 58.8 49.5 74.3



#5
2-Fluorophenol
Concen: 80.607 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144408.D
Acq: 02 Dec 2025 17:49

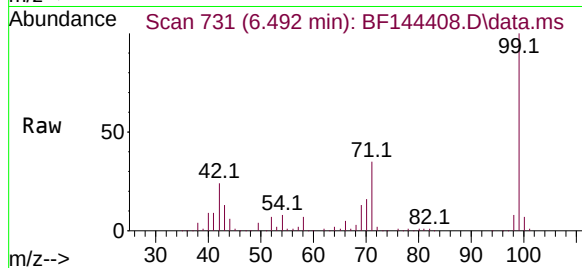
Tgt Ion:112 Resp: 256682
Ion Ratio Lower Upper
112 100
64 57.5 47.2 70.8
63 28.8 24.4 36.6





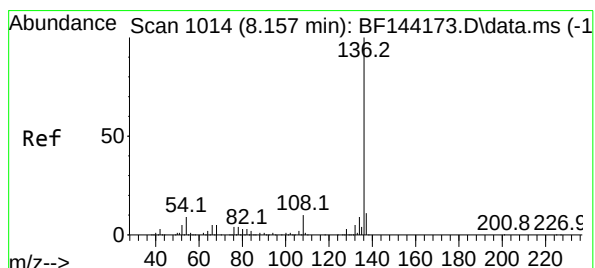
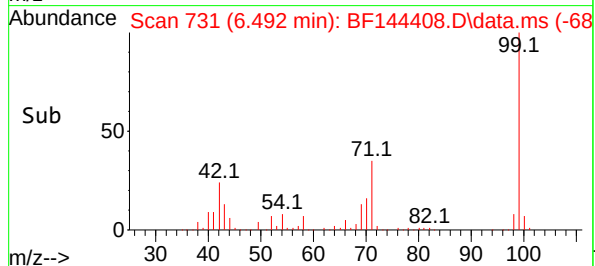
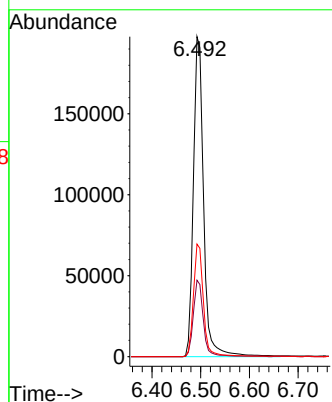
#7
Phenol-d6
Concen: 79.589 ng
RT: 6.492 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF144408.D
Acq: 02 Dec 2025 17:49

Instrument :
BNA_F
ClientSampleId :
SB-1125-1



Tgt Ion: 99 Resp: 287166

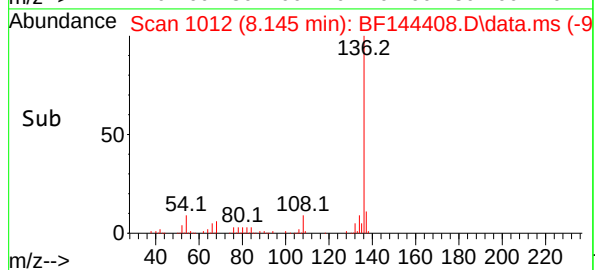
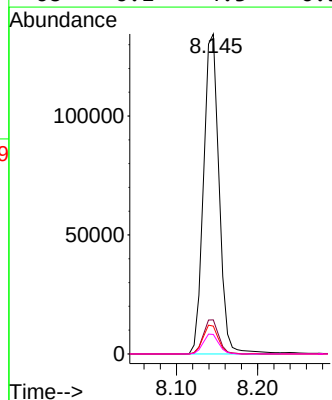
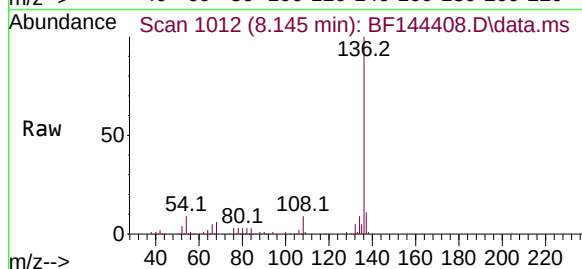
Ion	Ratio	Lower	Upper
99	100		
42	23.9	20.9	31.3
71	35.2	31.4	47.2

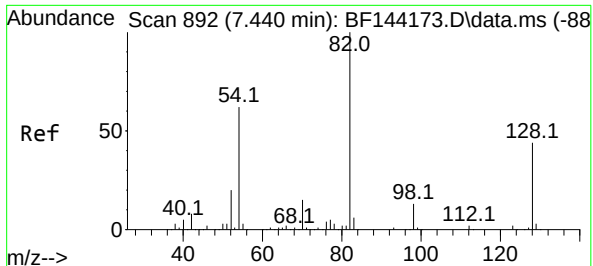


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144408.D
Acq: 02 Dec 2025 17:49

Tgt Ion: 136 Resp: 179096

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.7	7.0	10.6
68	6.1	4.3	6.5





#23

Nitrobenzene-d5

Concen: 56.567 ng

RT: 7.422 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF144408.D

Acq: 02 Dec 2025 17:49

Instrument :

BNA_F

ClientSampleId :

SB-1125-1

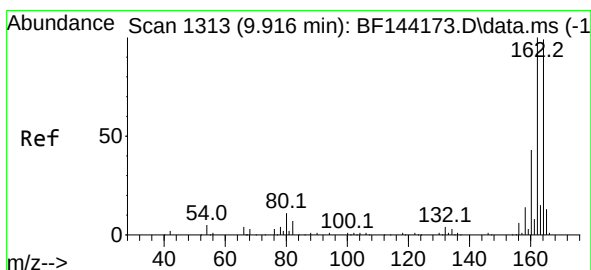
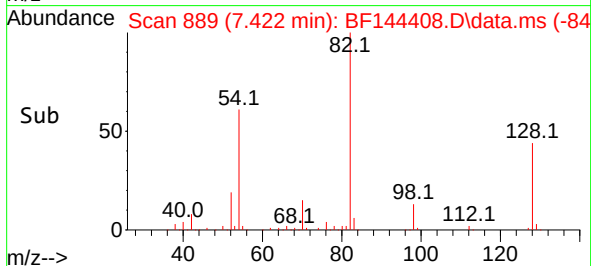
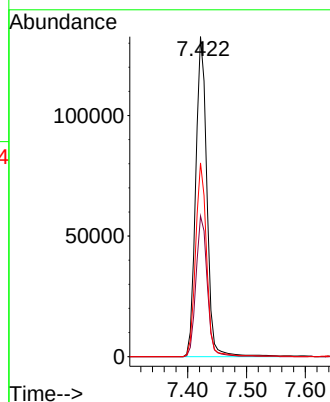
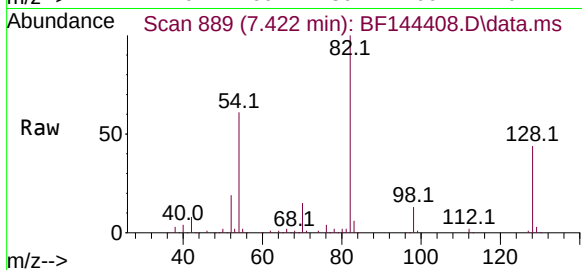
Tgt Ion: 82 Resp: 175411

Ion Ratio Lower Upper

82 100

128 43.9 34.7 52.1

54 60.5 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.018 min

Lab File: BF144408.D

Acq: 02 Dec 2025 17:49

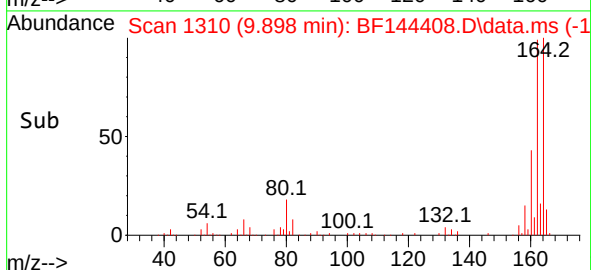
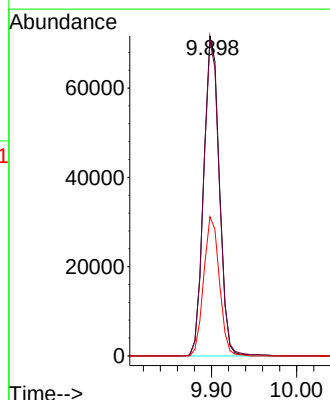
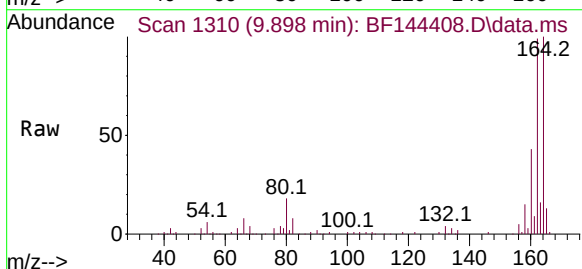
Tgt Ion:164 Resp: 91297

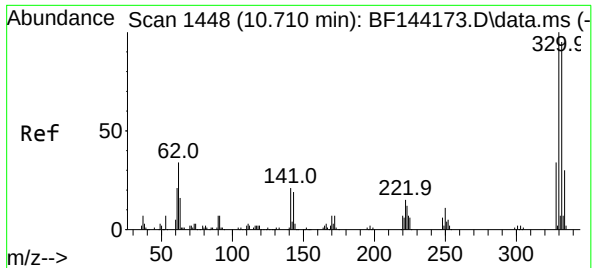
Ion Ratio Lower Upper

164 100

162 98.5 81.1 121.7

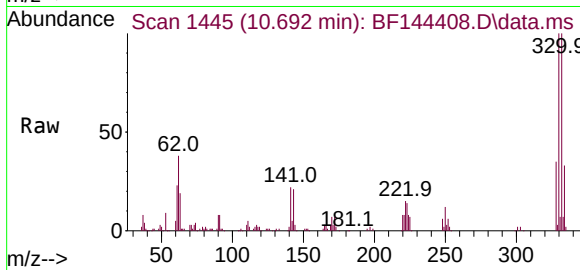
160 43.5 34.5 51.7



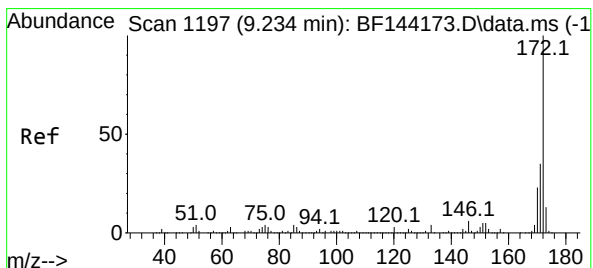
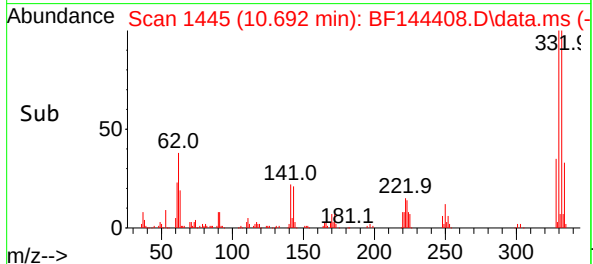
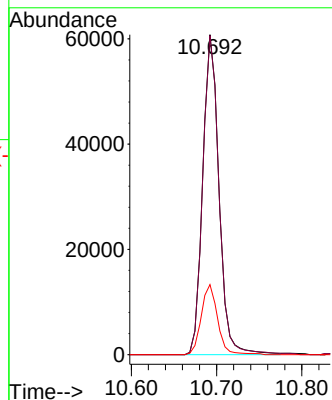


#42
2,4,6-Tribromophenol
Concen: 70.412 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144408.D
Acq: 02 Dec 2025 17:49

Instrument :
BNA_F
ClientSampleId :
SB-1125-1

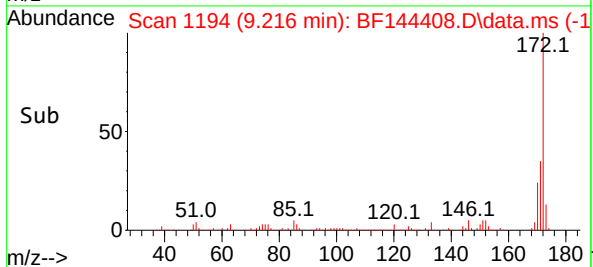
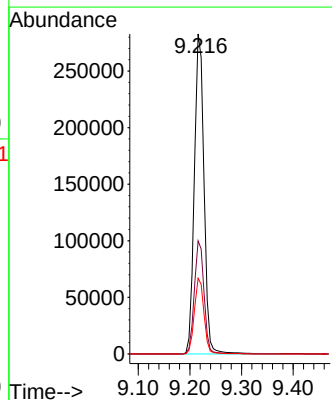
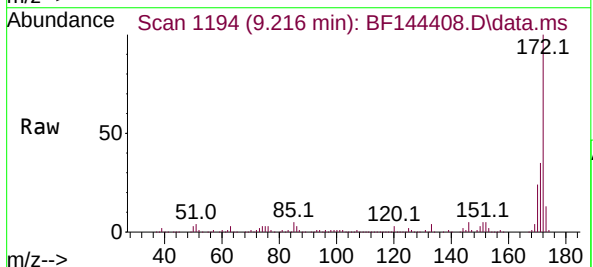


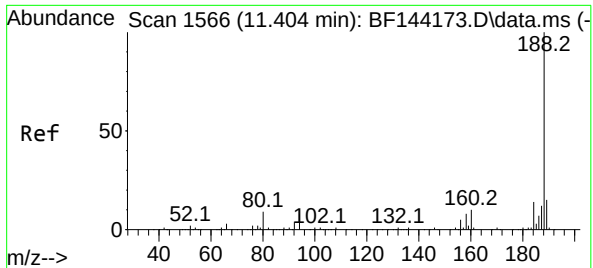
Tgt Ion: 330 Resp: 80669
Ion Ratio Lower Upper
330 100
332 99.9 76.7 115.1
141 21.9 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 59.492 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144408.D
Acq: 02 Dec 2025 17:49

Tgt Ion: 172 Resp: 367753
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.6 18.6 28.0

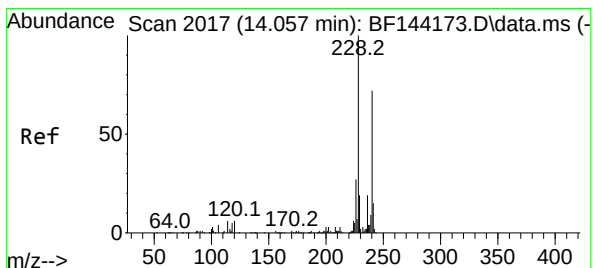
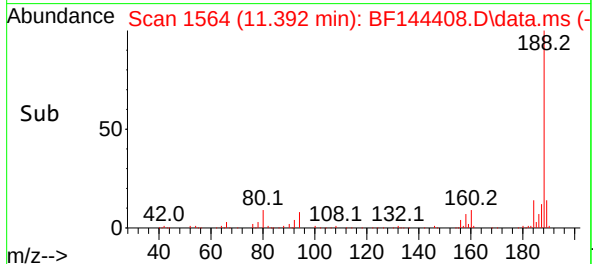
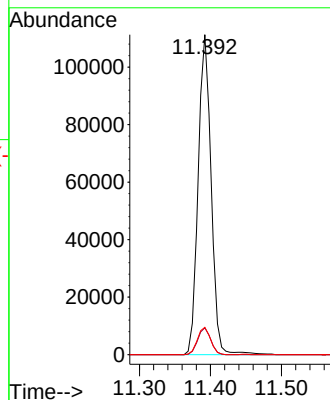
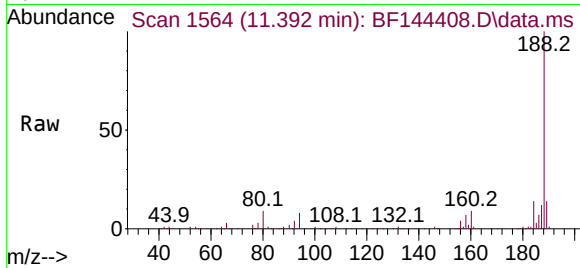




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144408.D
Acq: 02 Dec 2025 17:49

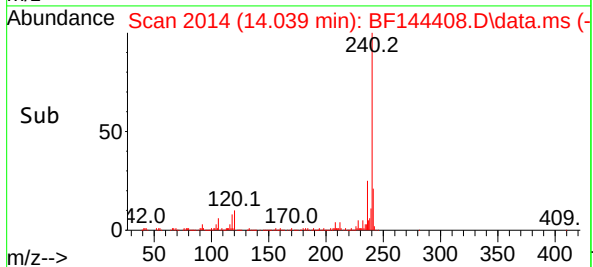
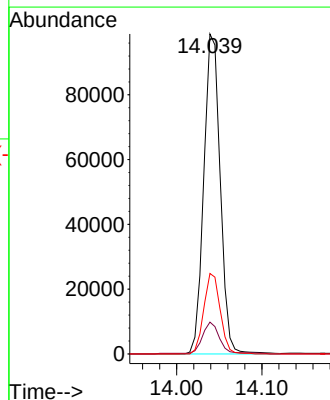
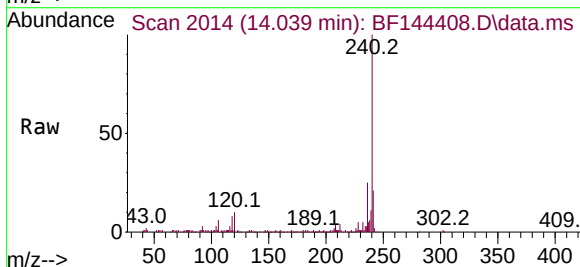
Instrument :
BNA_F
ClientSampleId :
SB-1125-1

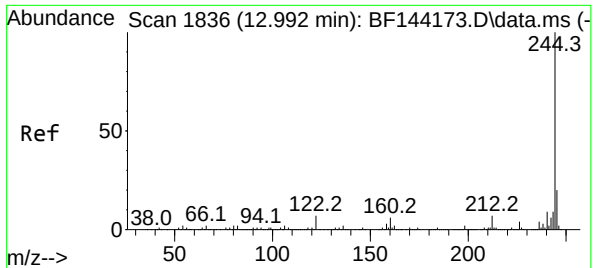
Tgt Ion:188 Resp: 140874
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 8.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144408.D
Acq: 02 Dec 2025 17:49

Tgt Ion:240 Resp: 132275
Ion Ratio Lower Upper
240 100
120 10.0 6.6 10.0
236 25.1 21.4 32.2





#79

Terphenyl-d14

Concen: 42.768 ng

RT: 12.980 min Scan# 1836

Delta R.T. -0.012 min

Lab File: BF144408.D

Acq: 02 Dec 2025 17:49

Instrument :

BNA_F

ClientSampleId :

SB-1125-1

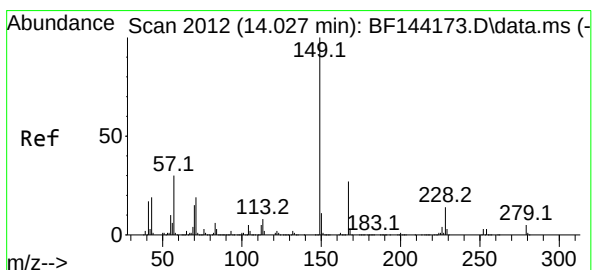
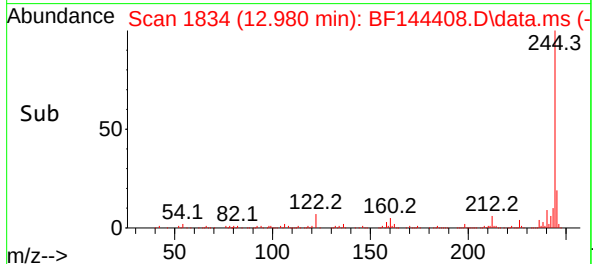
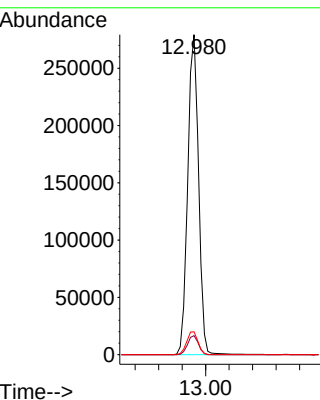
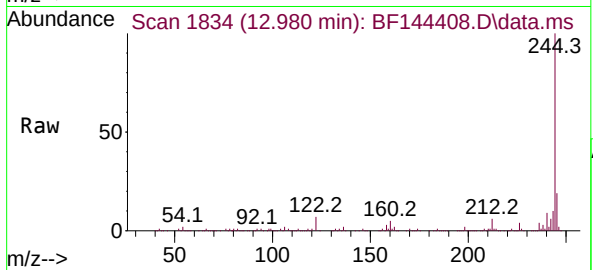
Tgt Ion:244 Resp: 356149

Ion Ratio Lower Upper

244 100

212 5.9 5.3 7.9

122 7.1 5.6 8.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.124 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.018 min

Lab File: BF144408.D

Acq: 02 Dec 2025 17:49

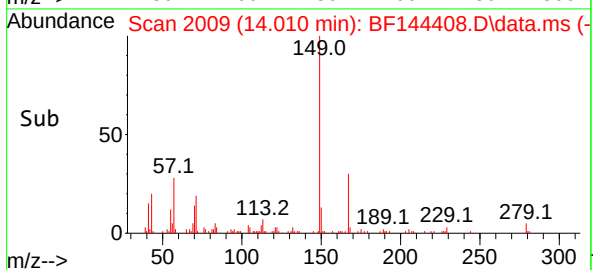
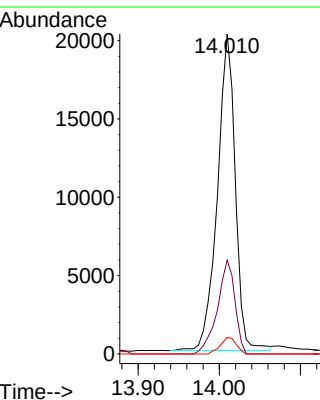
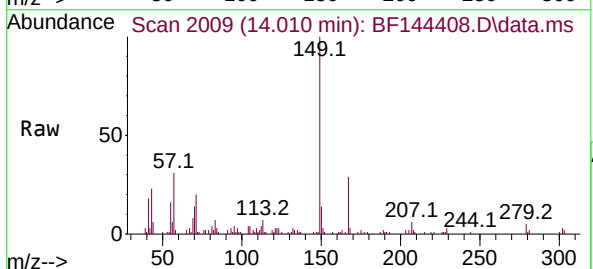
Tgt Ion:149 Resp: 30990

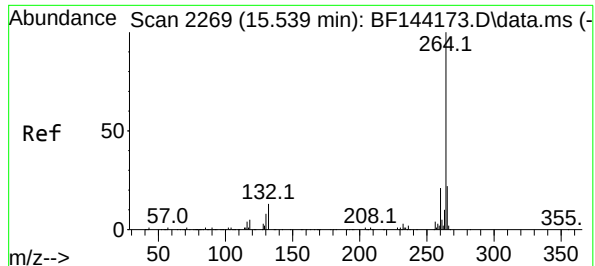
Ion Ratio Lower Upper

149 100

167 29.3 21.8 32.8

279 5.1 3.7 5.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144408.D

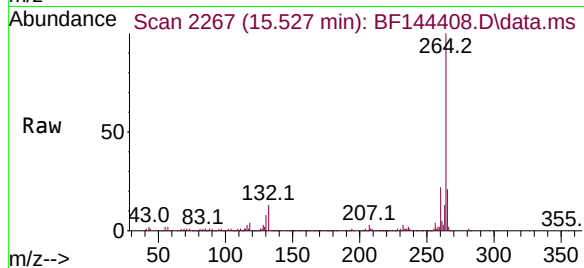
Acq: 02 Dec 2025 17:49

Instrument :

BNA_F

ClientSampleId :

SB-1125-1



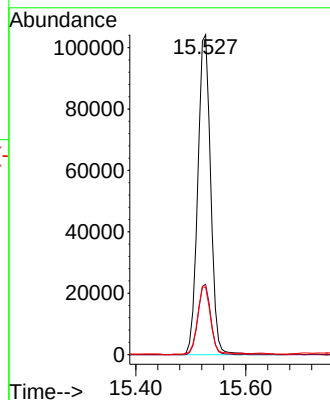
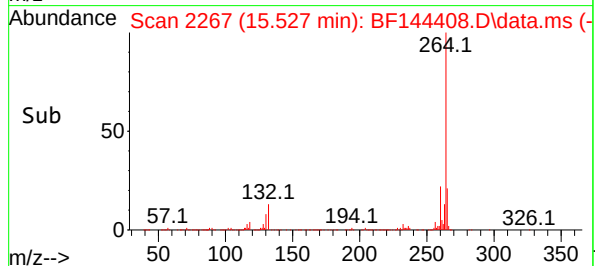
Tgt Ion:264 Resp: 168845

Ion Ratio Lower Upper

264 100

260 22.0 17.1 25.7

265 21.0 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144408.D
Acq On : 02 Dec 2025 17:49
Operator : RC/JU
Sample : Q3742-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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: BF144408.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	482	490	507	rBV	171578	264659	27.00%	2.996%
2	5.487	555	560	581	rBV	618255	861157	87.85%	9.750%
3	6.492	726	731	751	rBV	597789	861340	87.87%	9.752%
4	6.863	789	794	800	rBV	220324	279057	28.47%	3.159%
5	7.422	884	889	899	rBV	408366	530527	54.12%	6.007%
6	8.145	1006	1012	1023	rBV	265766	380600	38.83%	4.309%
7	9.216	1189	1194	1205	rBV	769769	980224	100.00%	11.098%
8	9.898	1305	1310	1323	rVB	289230	368168	37.56%	4.168%
9	10.616	1425	1432	1440	rBV	66258	86647	8.84%	0.981%
10	10.692	1440	1445	1459	rBV	403037	528263	53.89%	5.981%
11	10.922	1480	1484	1490	rVB	12682	16359	1.67%	0.185%
12	11.392	1559	1564	1572	rBV	253896	336529	34.33%	3.810%
13	11.916	1644	1653	1666	rBV2	90379	153965	15.71%	1.743%
14	12.610	1767	1771	1776	rBV	23330	31202	3.18%	0.353%
15	12.704	1781	1787	1794	rBV4	18922	33056	3.37%	0.374%
16	12.839	1804	1810	1817	rBV	19662	30080	3.07%	0.341%
17	12.980	1828	1834	1839	rBV	665159	851351	86.85%	9.639%
18	13.874	1982	1986	1997	rVB	52060	92129	9.40%	1.043%
19	14.010	2002	2009	2011	rVV	74014	120176	12.26%	1.361%
20	14.039	2011	2014	2028	rVB	283637	459998	46.93%	5.208%
21	14.527	2089	2097	2118	rBV	30206	153984	15.71%	1.743%
22	15.092	2189	2193	2199	rBV	19942	43026	4.39%	0.487%
23	15.462	2252	2256	2260	rBV	16291	25512	2.60%	0.289%
24	15.527	2261	2267	2277	rVB	255235	419109	42.76%	4.745%
25	16.439	2407	2422	2424	rBV4	270484	925320	94.40%	10.476%

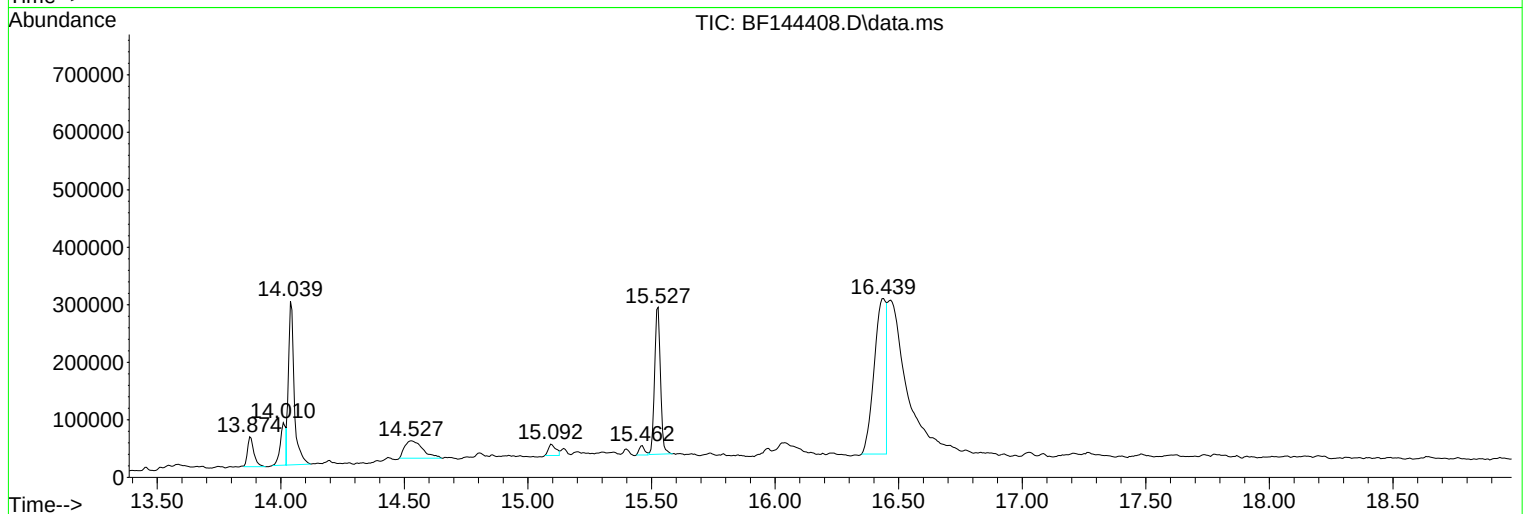
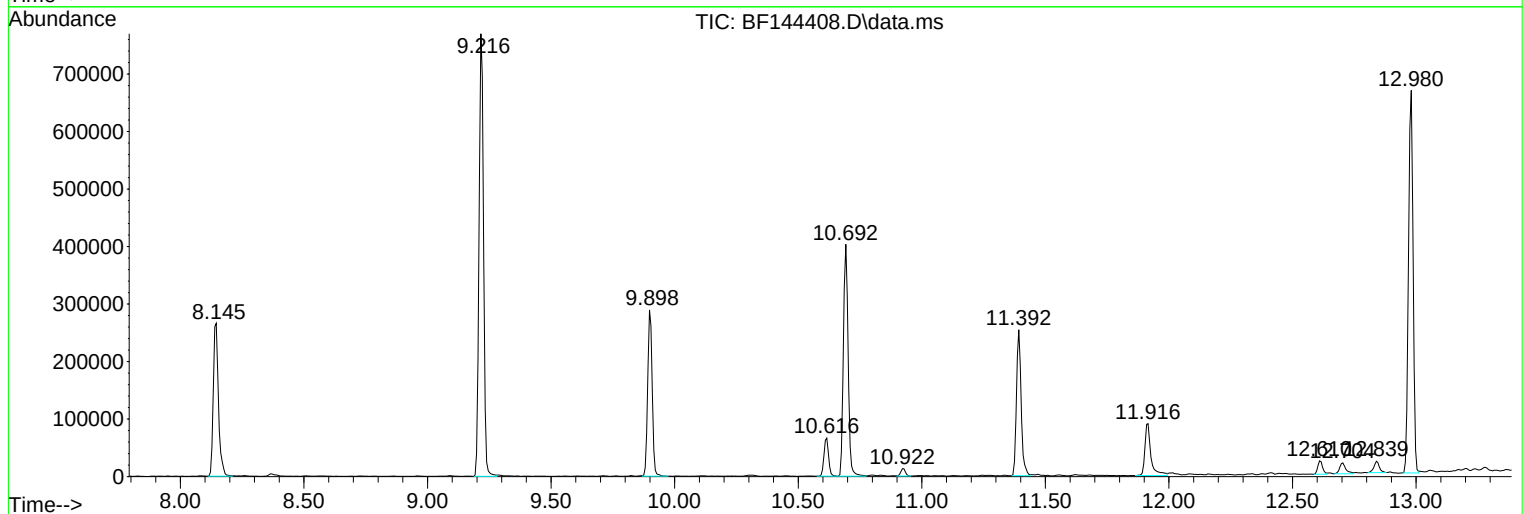
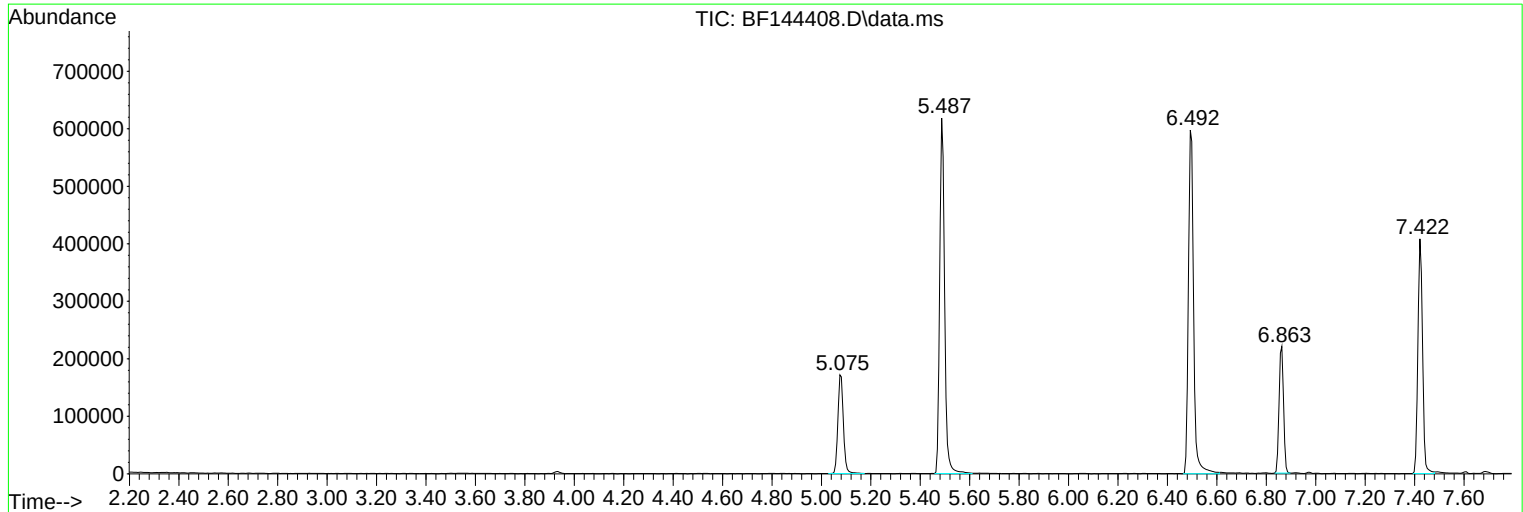
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Data File : BF144408.D
Acq On : 02 Dec 2025 17:49
Operator : RC/JU
Sample : Q3742-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-1

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144408.D
Acq On : 02 Dec 2025 17:49
Operator : RC/JU
Sample : Q3742-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-1

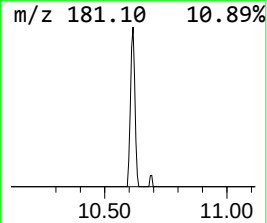
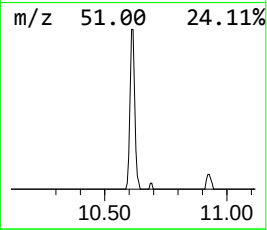
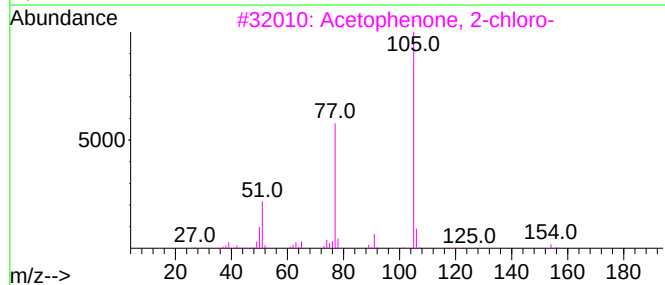
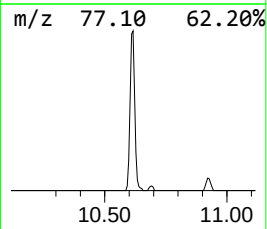
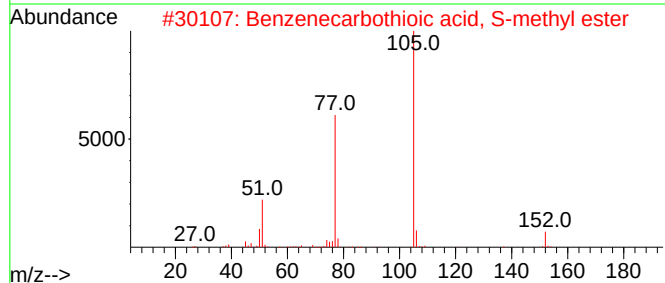
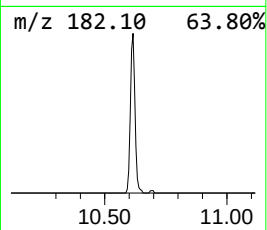
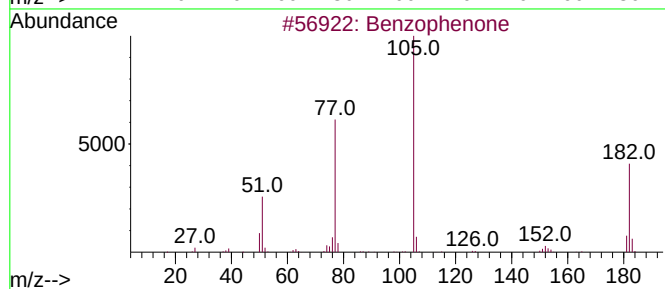
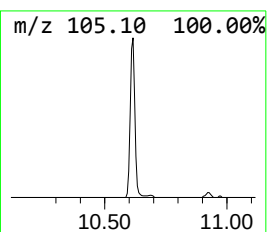
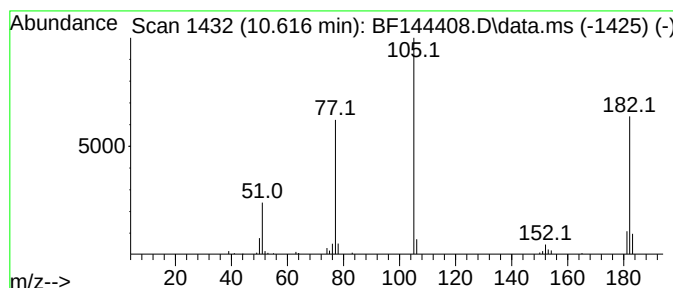
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	4.71 ng	86647	Acenaphthene-d10	9.898

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzophenone	182	C13H10O	000119-61-9	96
2		Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
3		Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
4		Phenacyl thiocyanate	177	C9H7NOS	005399-30-4	43
5		4,5-Diphenyloxazolin-2(3H)-one	237	C15H11NO2	005014-83-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144408.D
Acq On : 02 Dec 2025 17:49
Operator : RC/JU
Sample : Q3742-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-1

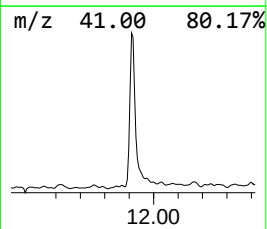
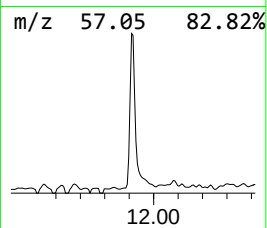
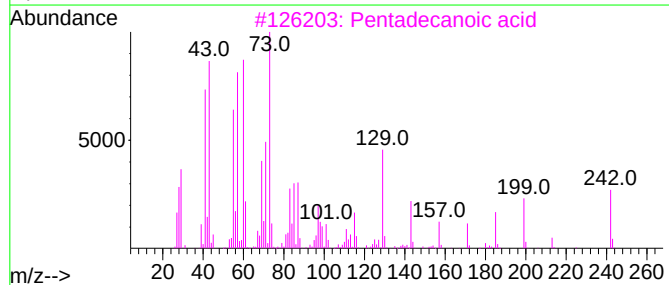
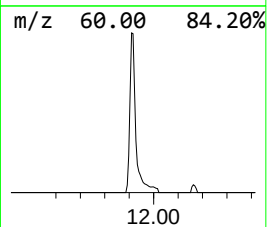
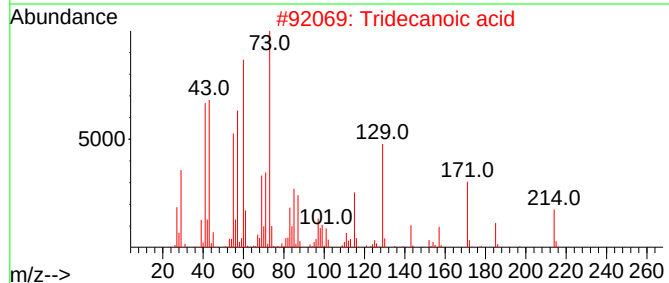
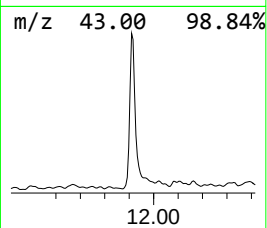
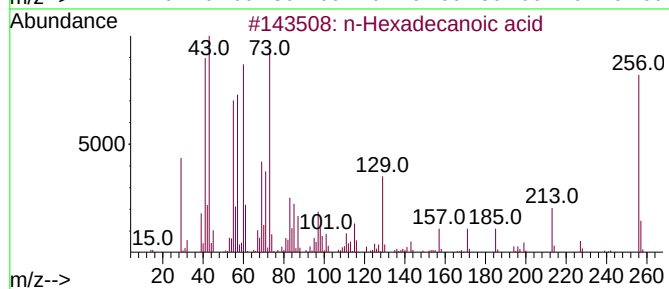
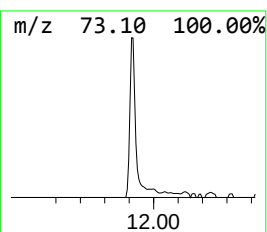
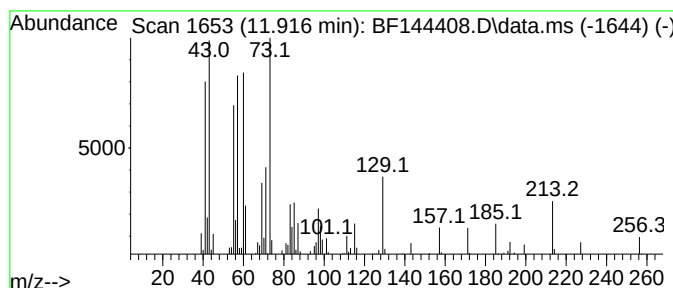
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	9.15 ng	153965	Phenanthrene-d10	11.392

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	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144408.D
Acq On : 02 Dec 2025 17:49
Operator : RC/JU
Sample : Q3742-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-1

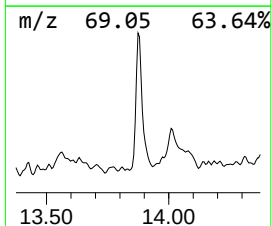
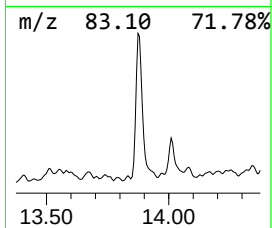
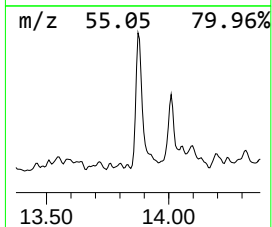
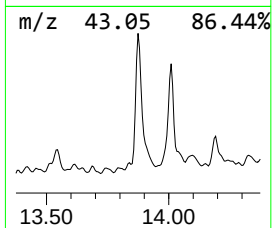
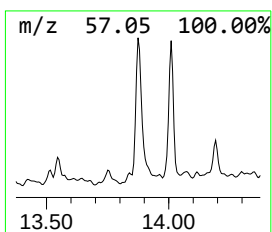
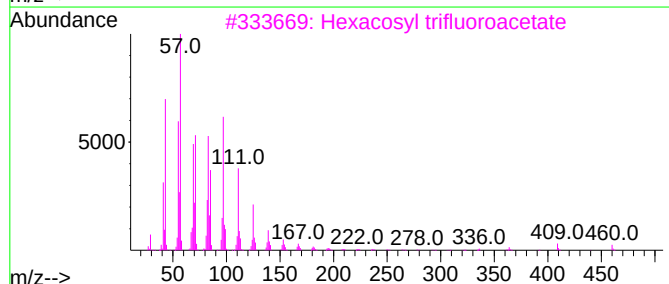
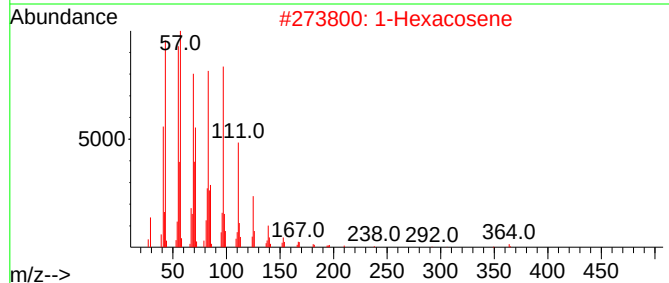
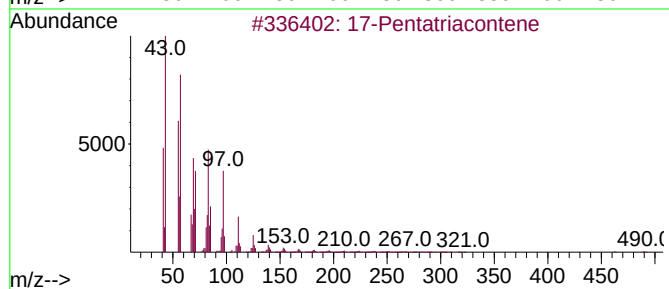
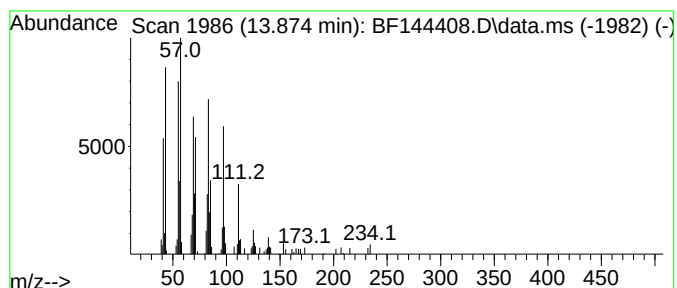
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 17-Pentatriacontene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	4.01 ng	92129	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			17-Pentatriacontene	491	C35H70	006971-40-0	91
2			1-Hexacosene	364	C26H52	018835-33-1	90
3			Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	90
4			Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	90
5			Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144408.D
Acq On : 02 Dec 2025 17:49
Operator : RC/JU
Sample : Q3742-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.616	4.7	ng	86647	3	9.898	368168	20.0
n-Hexadecanoic ...	11.916	9.2	ng	153965	4	11.392	336529	20.0
17-Pentatriacon...	13.874	4.0	ng	92129	5	14.039	459998	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
 Data File : BF144406.D
 Acq On : 02 Dec 2025 16:49
 Operator : RC/JU
 Sample : Q3742-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-25

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025

Quant Time: Dec 02 17:10:45 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	42309	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	155548	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	79867	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	121200	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	111428	20.000	ng	0.00
86) Perylene-d12	15.527	264	142215	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	215382	79.663	ng	0.00
7) Phenol-d6	6.492	99	246176	80.359	ng	0.00
23) Nitrobenzene-d5	7.422	82	147048	54.599	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	67969	67.817	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	287081	53.088	ng	-0.01
79) Terphenyl-d14	12.980	244	264227	37.666	ng	-0.01
Target Compounds					Qvalue	
31) Naphthalene	8.163	128	23049	3.115	ng	98
71) Phenanthrene	11.416	178	44559	7.384	ng	98
72) Anthracene	11.469	178	20701	3.374	ng	97
75) Fluoranthene	12.610	202	114271	18.332	ng	96
78) Pyrene	12.839	202	107101	11.921	ng	97
81) Benzo(a)anthracene	14.033	228	88559	11.467	ng	# 91
83) Chrysene	14.068	228	67526	9.472	ng	# 90
87) Indeno(1,2,3-cd)pyrene	17.021	276	29818	2.921	ng	# 94
88) Benzo(b)fluoranthene	15.092	252	90097m	11.143	ng	
89) Benzo(k)fluoranthene	15.109	252	29558m	3.906	ng	
90) Benzo(a)pyrene	15.462	252	73140	9.806	ng	# 96
92) Benzo(g,h,i)perylene	17.480	276	26095	3.223	ng	# 91

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

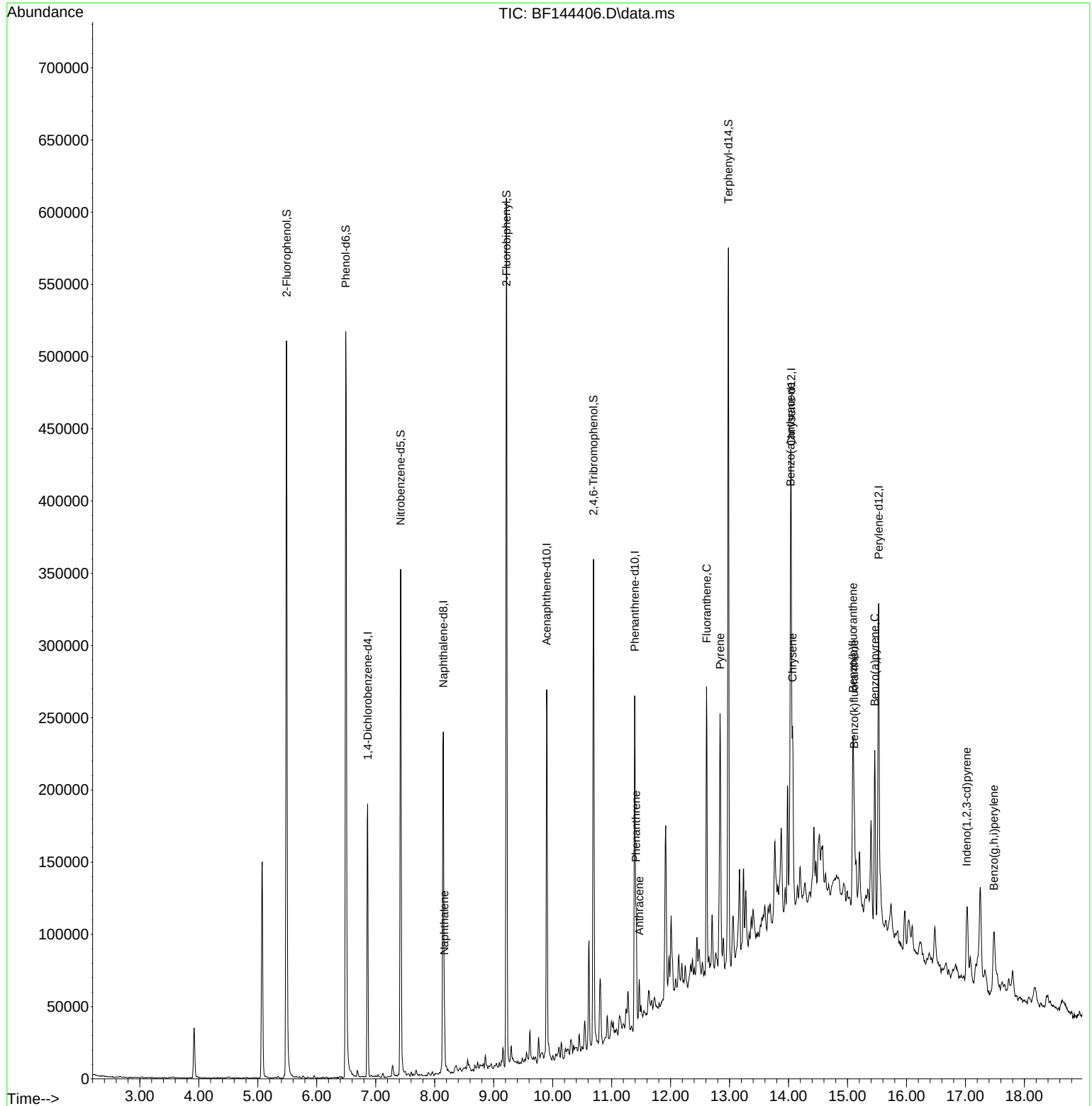
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Sample : Q3742-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

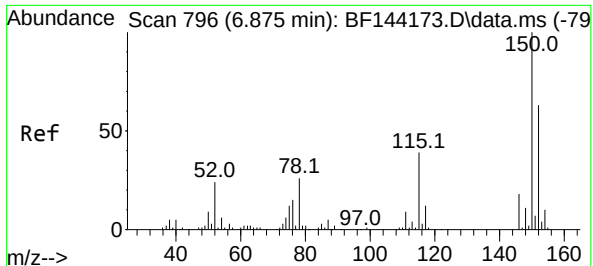
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Quant Time: Dec 02 17:10:45 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

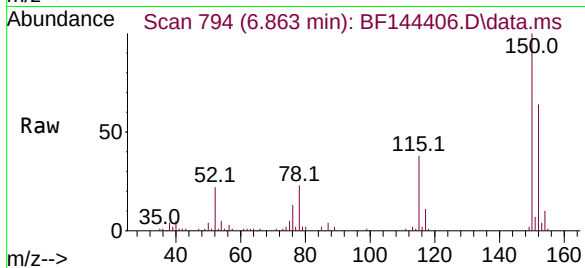
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144406.D
Acq: 02 Dec 2025 16:49

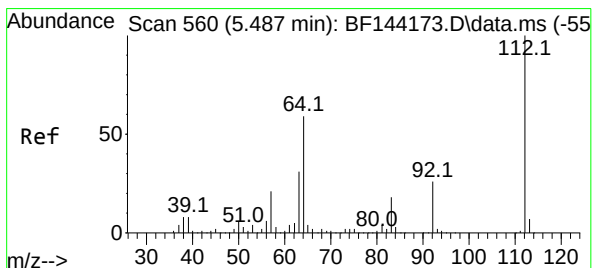
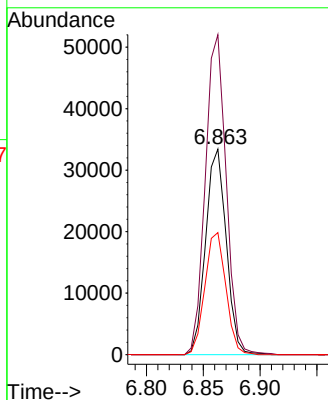
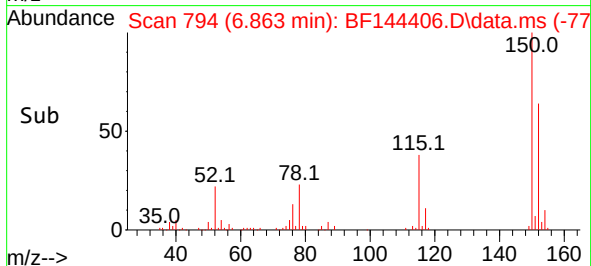
Instrument :
BNA_F
ClientSampleId :
SB-1125-25



Tgt Ion:152 Resp: 42309
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.0
115 59.3 49.5 74.3

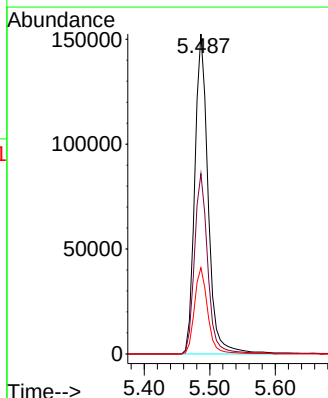
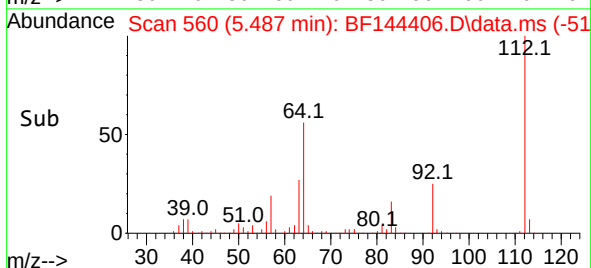
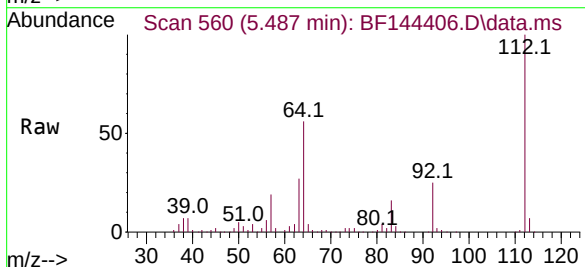
Manual Integrations
APPROVED

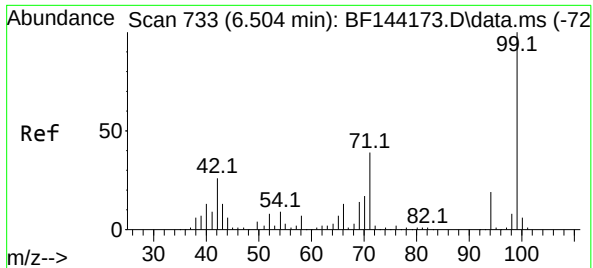
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#5
2-Fluorophenol
Concen: 79.663 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144406.D
Acq: 02 Dec 2025 16:49

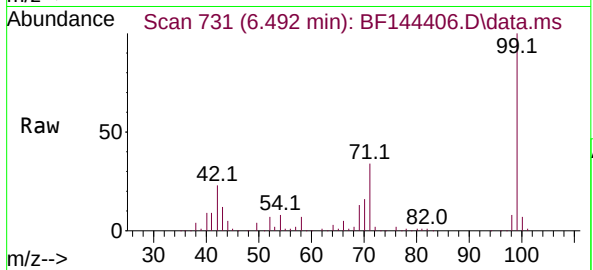
Tgt Ion:112 Resp: 215382
Ion Ratio Lower Upper
112 100
64 56.3 47.2 70.8
63 26.9 24.4 36.6





#7
Phenol-d6
Concen: 80.359 ng
RT: 6.492 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF144406.D
Acq: 02 Dec 2025 16:49

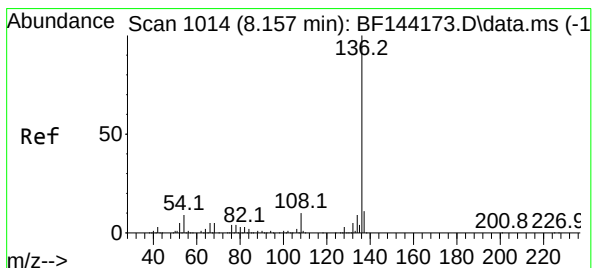
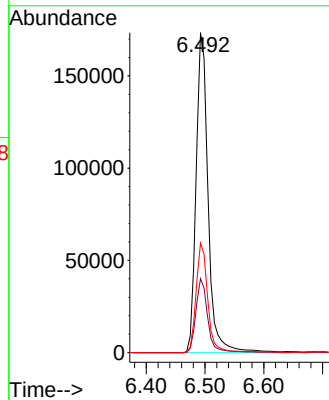
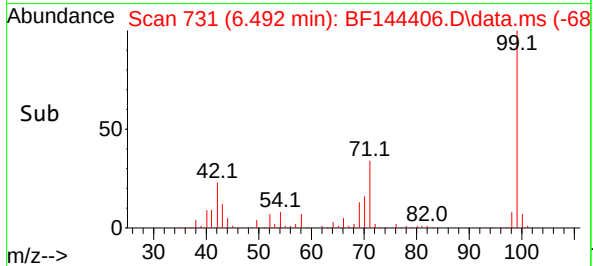
Instrument :
BNA_F
ClientSampleId :
SB-1125-25



Tgt Ion: 99 Resp: 246176
Ion Ratio Lower Upper
99 100
42 23.1 20.9 31.3
71 34.2 31.4 47.2

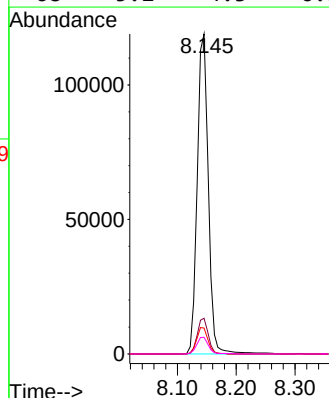
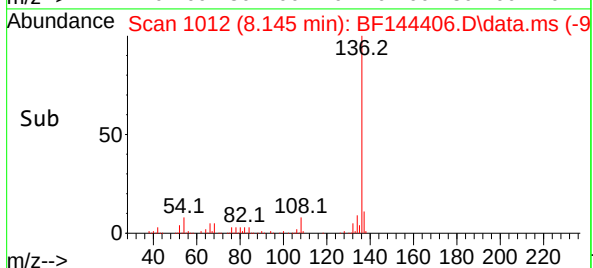
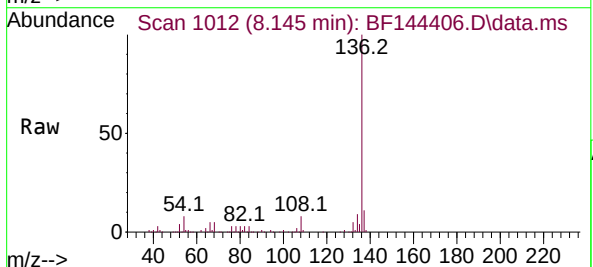
Manual Integrations
APPROVED

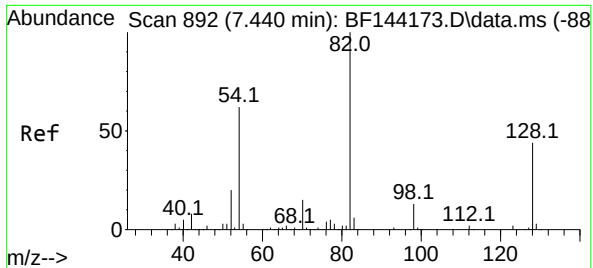
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144406.D
Acq: 02 Dec 2025 16:49

Tgt Ion:136 Resp: 155548
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.1 7.0 10.6
68 5.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 54.599 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF144406.D

Acq: 02 Dec 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SB-1125-25

Tgt Ion: 82 Resp: 147048

Ion Ratio Lower Upper

82 100

128 44.9 34.7 52.1

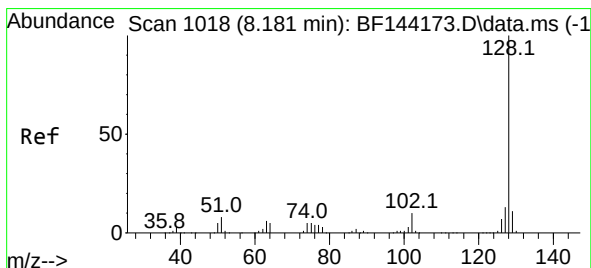
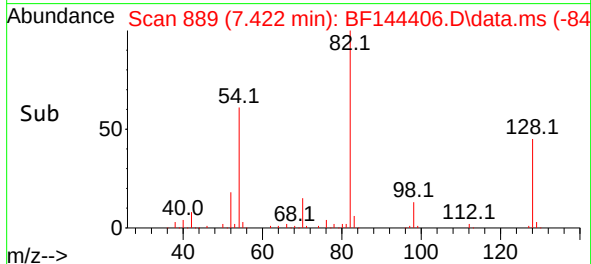
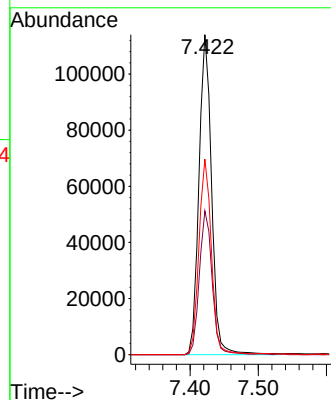
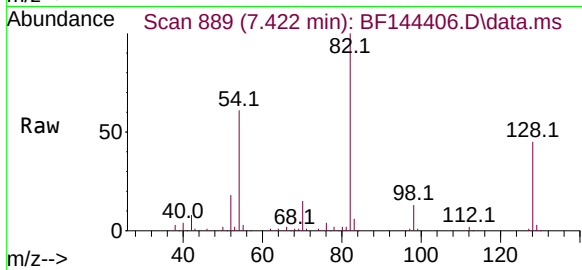
54 61.1 49.5 74.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#31

Naphthalene

Concen: 3.115 ng

RT: 8.163 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF144406.D

Acq: 02 Dec 2025 16:49

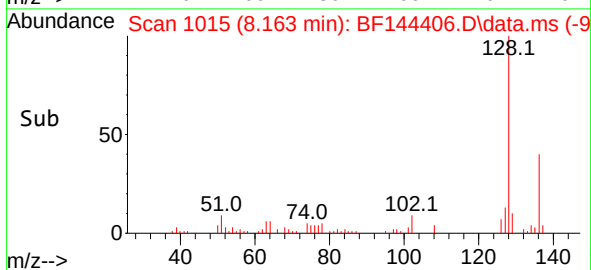
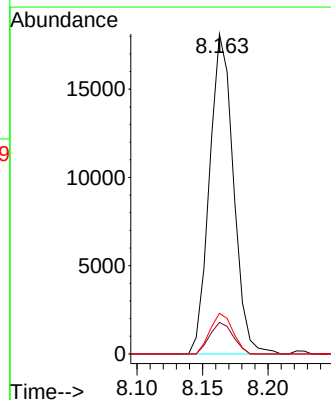
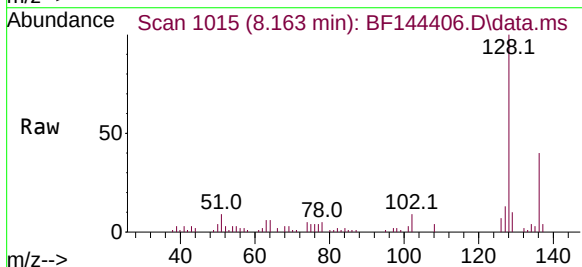
Tgt Ion:128 Resp: 23049

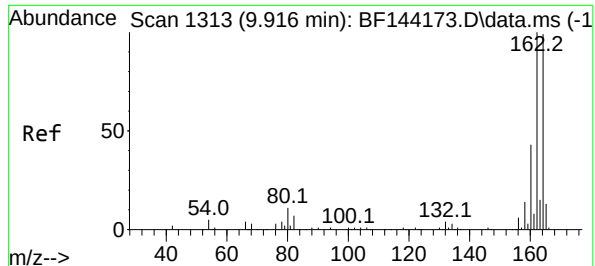
Ion Ratio Lower Upper

128 100

129 9.8 8.9 13.3

127 12.7 10.3 15.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1313

Delta R.T. -0.018 min

Lab File: BF144406.D

Acq: 02 Dec 2025 16:49

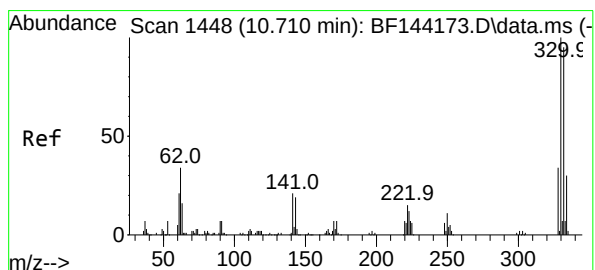
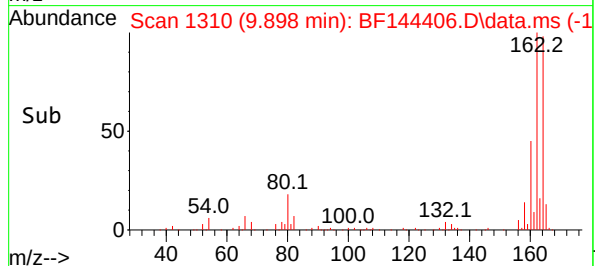
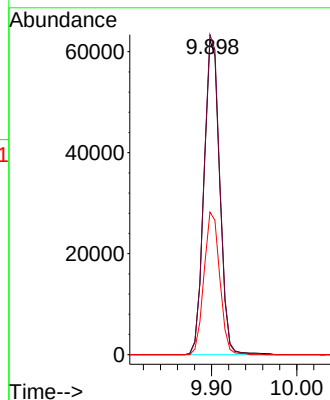
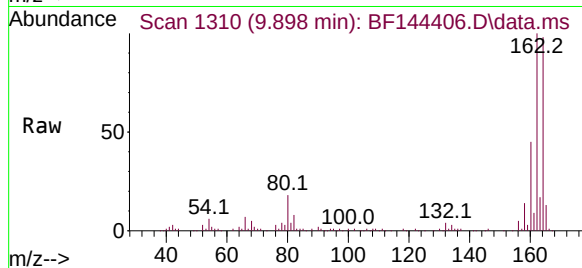
Instrument :

BNA_F

ClientSampleId :

SB-1125-25

Tgt Ion:164	Resp:	7986
Ion Ratio	Lower	Upper
164	100	
162	101.6	81.1 121.7
160	45.3	34.5 51.7

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APPROVEDReviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

#42

2,4,6-Tribromophenol

Concen: 67.817 ng

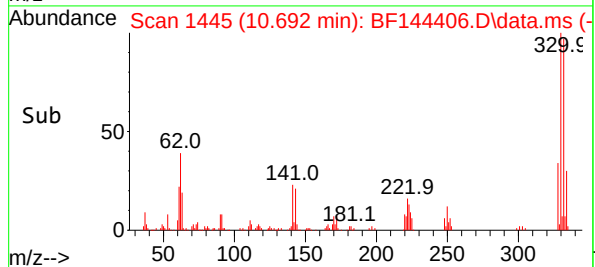
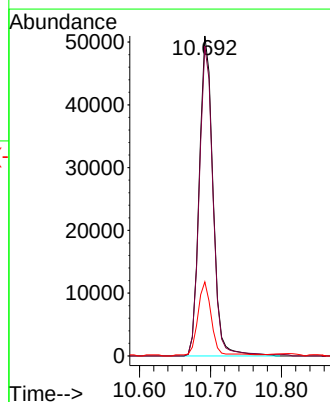
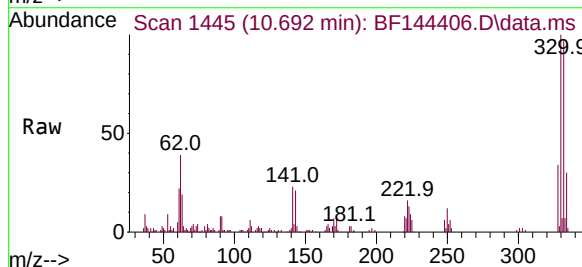
RT: 10.692 min Scan# 1445

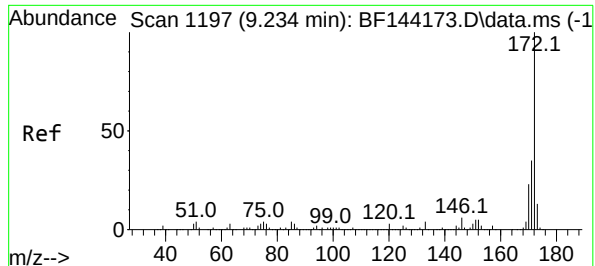
Delta R.T. -0.012 min

Lab File: BF144406.D

Acq: 02 Dec 2025 16:49

Tgt Ion:330	Resp:	67969
Ion Ratio	Lower	Upper
330	100	
332	97.1	76.7 115.1
141	22.7	17.8 26.8





#45

2-Fluorobiphenyl

Concen: 53.088 ng

RT: 9.216 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF144406.D

Acq: 02 Dec 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SB-1125-25

Tgt Ion:172 Resp: 28708

Ion Ratio Lower Upper

172 100

171 34.0 28.1 42.1

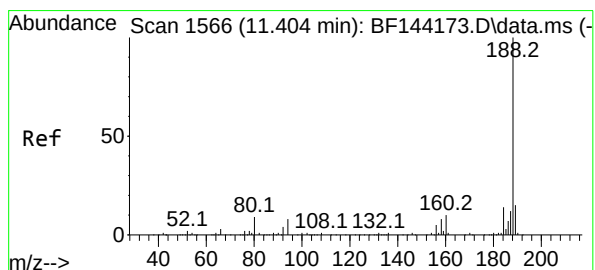
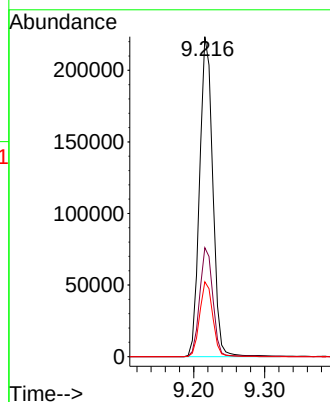
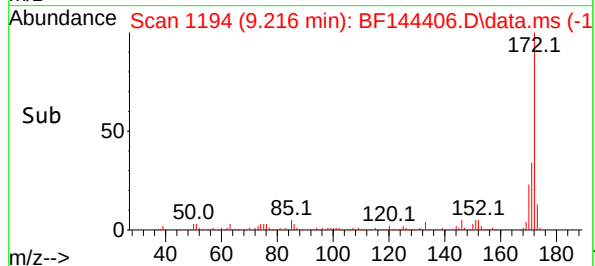
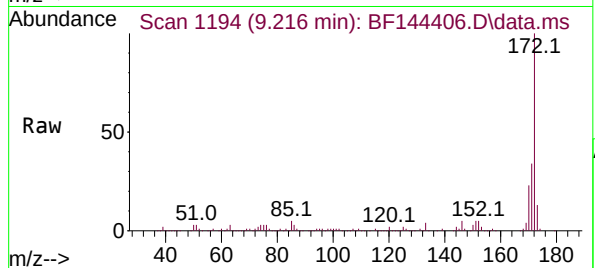
170 23.4 18.6 28.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1564

Delta R.T. -0.012 min

Lab File: BF144406.D

Acq: 02 Dec 2025 16:49

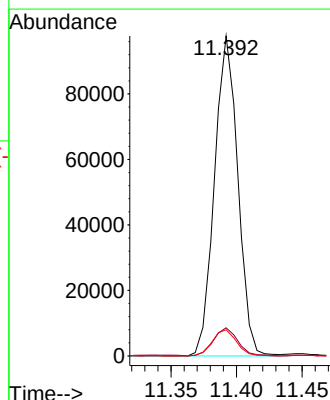
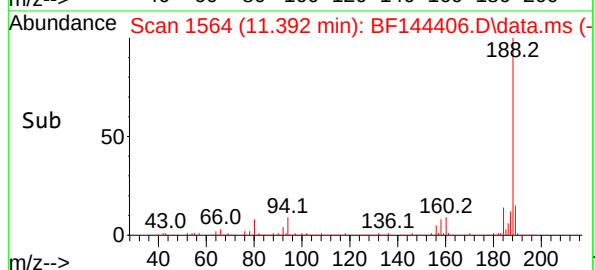
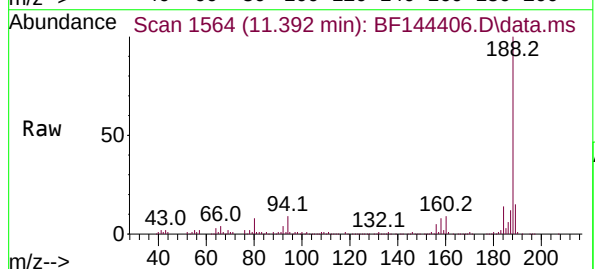
Tgt Ion:188 Resp: 121200

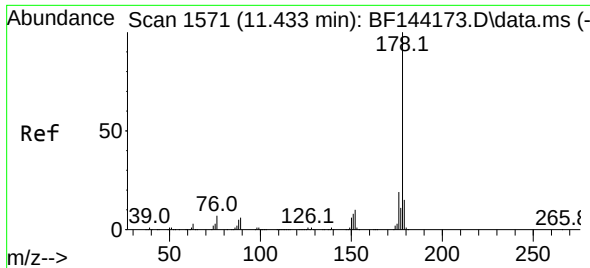
Ion Ratio Lower Upper

188 100

94 8.8 6.2 9.2

80 8.2 6.9 10.3





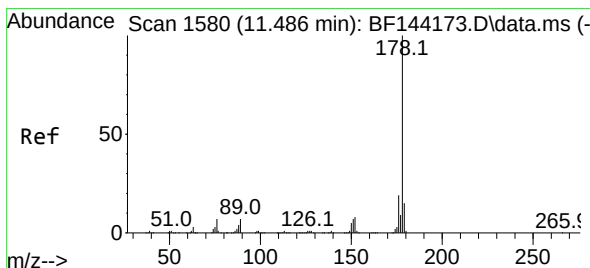
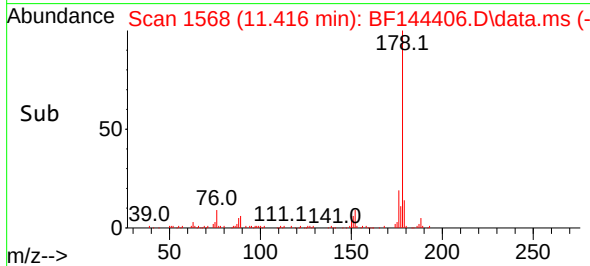
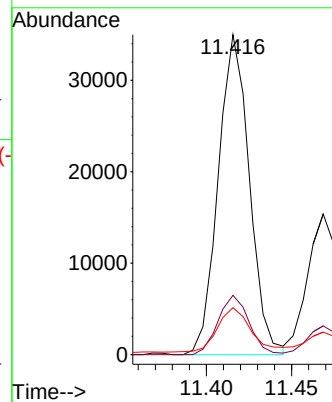
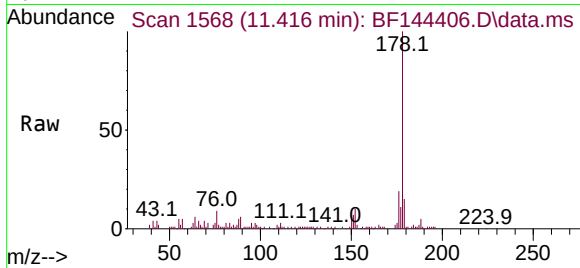
#71
Phenanthrene
Concen: 7.384 ng
RT: 11.416 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF144406.D
Acq: 02 Dec 2025 16:49

Instrument :
BNA_F
ClientSampleId :
SB-1125-25

Tgt Ion:178 Resp: 44559
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 14.7 12.2 18.4

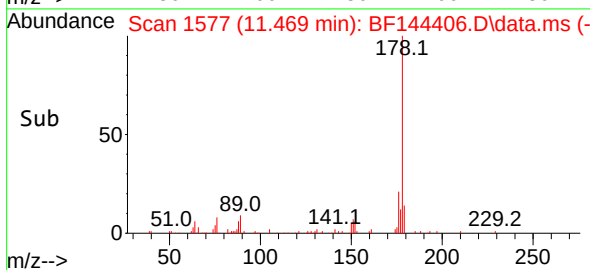
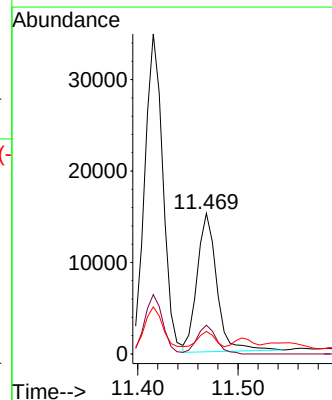
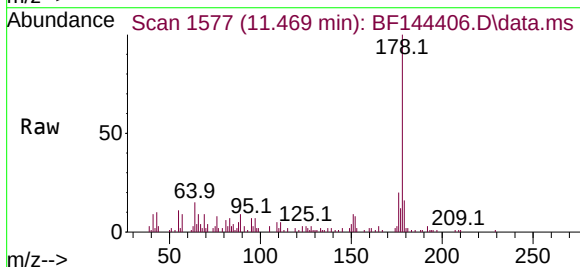
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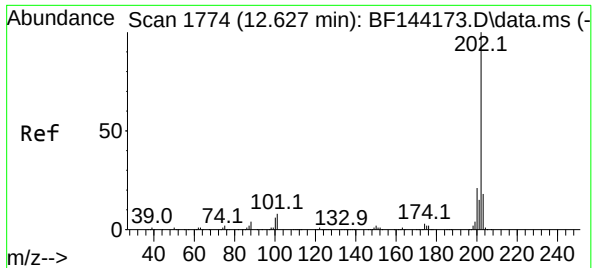
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#72
Anthracene
Concen: 3.374 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144406.D
Acq: 02 Dec 2025 16:49

Tgt Ion:178 Resp: 20701
Ion Ratio Lower Upper
178 100
176 20.4 15.3 22.9
179 16.0 12.0 18.0





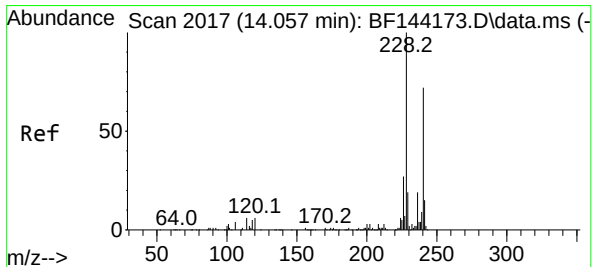
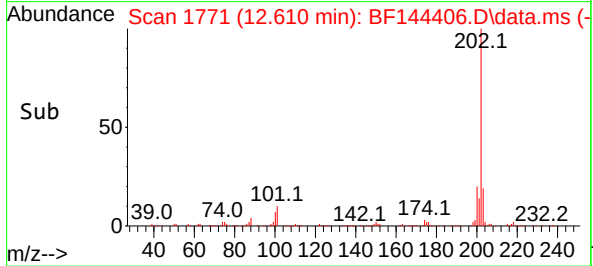
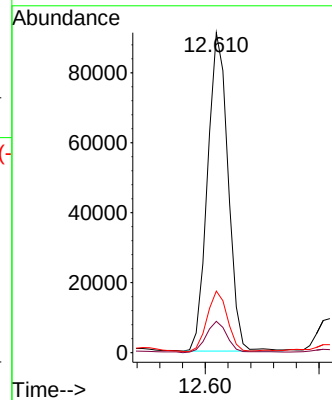
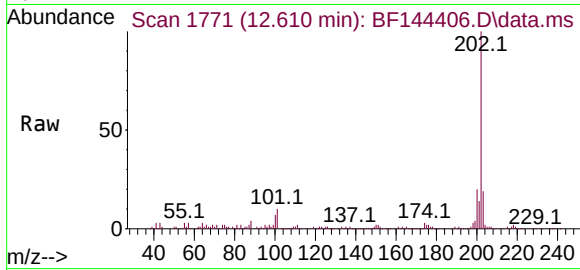
#75
Fluoranthene
Concen: 18.332 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144406.D
Acq: 02 Dec 2025 16:49

Instrument :
BNA_F
ClientSampleId :
SB-1125-25

Tgt Ion:202 Resp: 11427
Ion Ratio Lower Upper
202 100
101 9.8 0.0 27.9
203 19.2 0.0 37.5

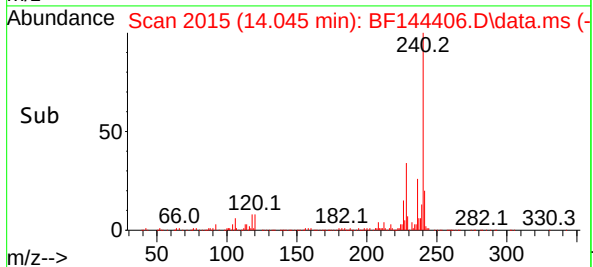
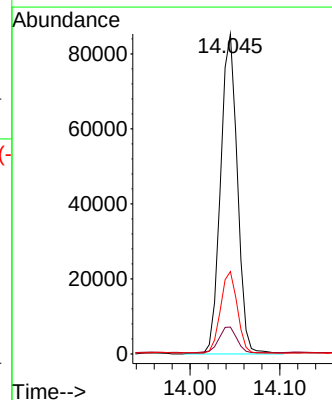
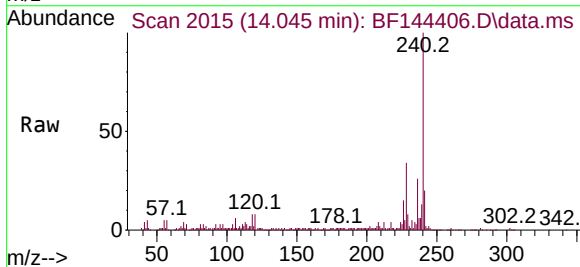
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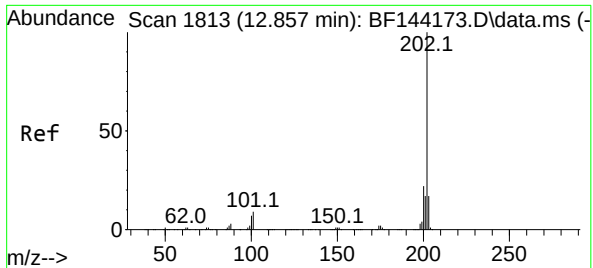
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144406.D
Acq: 02 Dec 2025 16:49

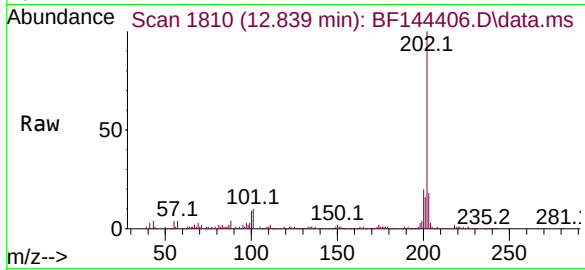
Tgt Ion:240 Resp: 111428
Ion Ratio Lower Upper
240 100
120 8.4 6.6 10.0
236 25.7 21.4 32.2





#78
Pyrene
Concen: 11.921 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144406.D
Acq: 02 Dec 2025 16:49

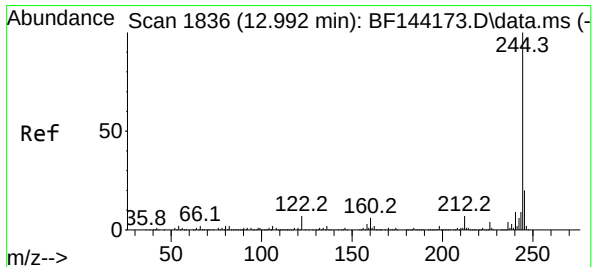
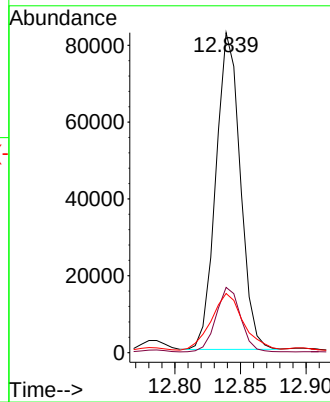
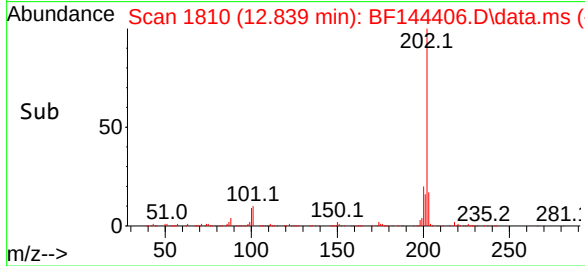
Instrument :
BNA_F
ClientSampleId :
SB-1125-25



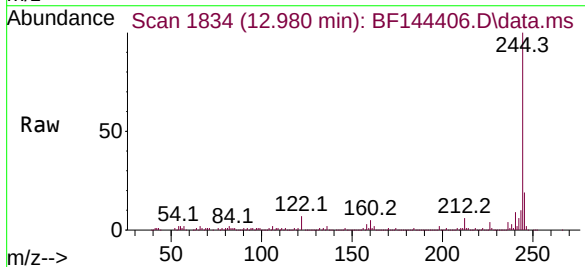
Tgt Ion:202 Resp: 107101
Ion Ratio Lower Upper
202 100
200 20.4 17.2 25.8
203 18.5 13.7 20.5

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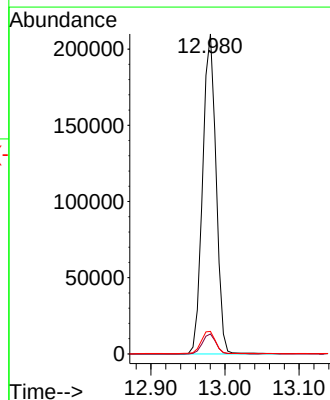
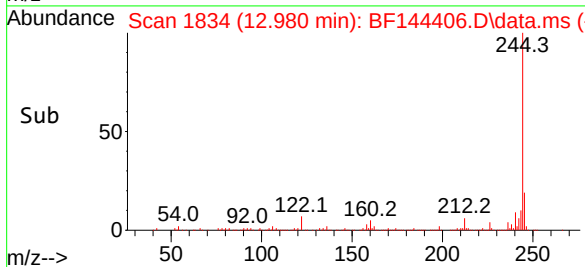
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

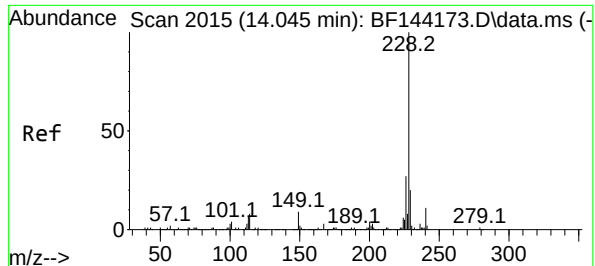


#79
Terphenyl-d14
Concen: 37.666 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144406.D
Acq: 02 Dec 2025 16:49



Tgt Ion:244 Resp: 264227
Ion Ratio Lower Upper
244 100
212 6.2 5.3 7.9
122 7.0 5.6 8.4





#81

Benzo(a)anthracene

Concen: 11.467 ng

RT: 14.033 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF144406.D

Acq: 02 Dec 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SB-1125-25

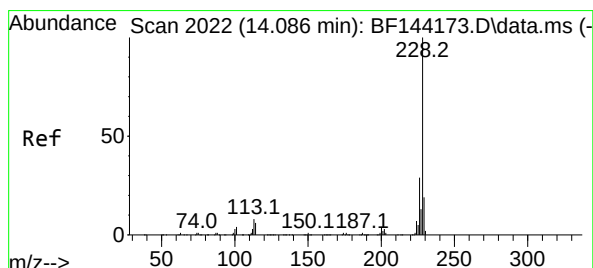
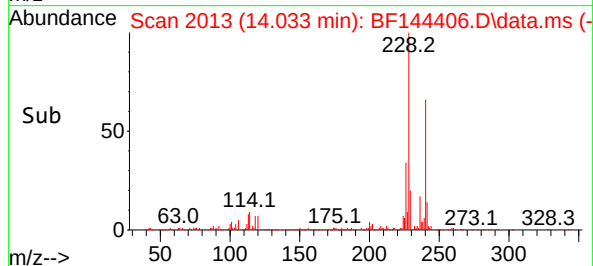
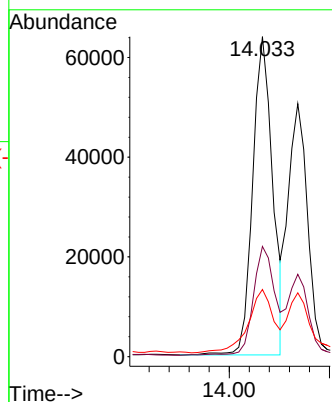
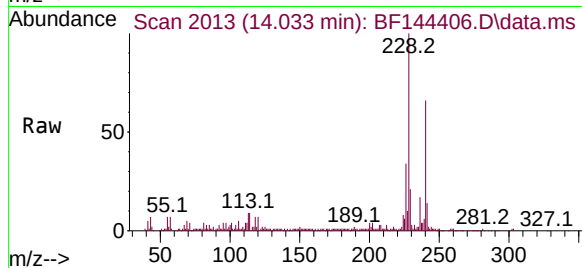
Tgt Ion:228	Resp:	88559
Ion Ratio	Lower	Upper
228	100	
226	34.4	21.8 32.8
229	21.0	15.8 23.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#83

Chrysene

Concen: 9.472 ng

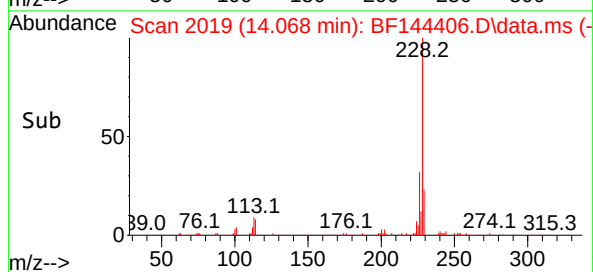
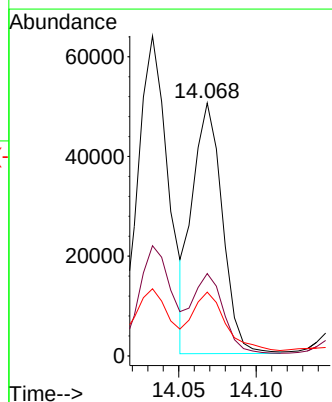
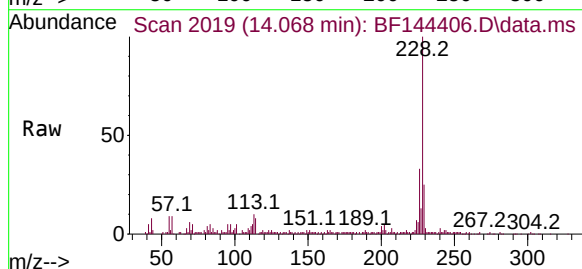
RT: 14.068 min Scan# 2019

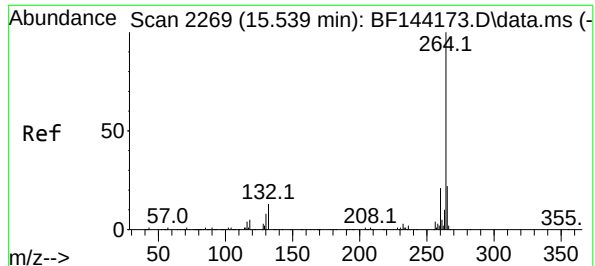
Delta R.T. -0.012 min

Lab File: BF144406.D

Acq: 02 Dec 2025 16:49

Tgt Ion:228	Resp:	67526
Ion Ratio	Lower	Upper
228	100	
226	32.6	22.9 34.3
229	25.2	15.0 22.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144406.D

Acq: 02 Dec 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SB-1125-25

Tgt Ion:264 Resp: 142215

Ion Ratio Lower Upper

264 100

260 21.5 17.1 25.7

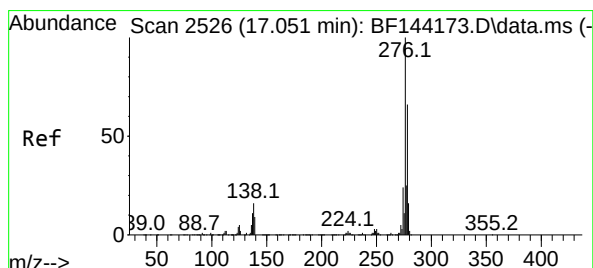
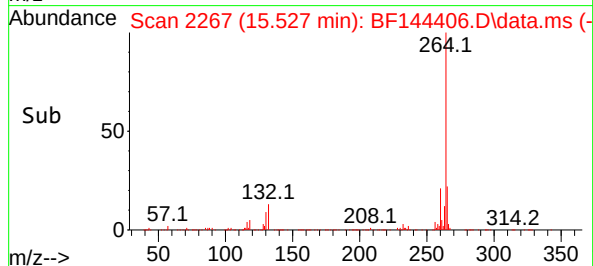
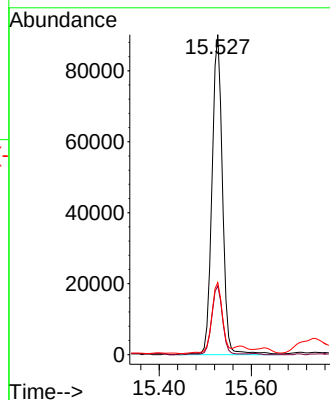
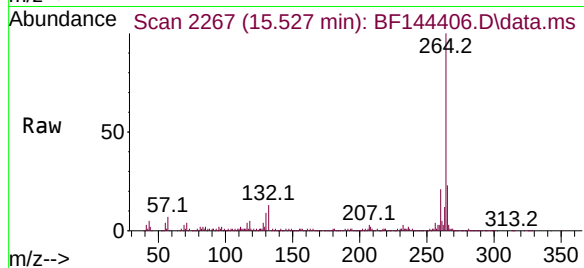
265 22.5 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.921 ng

RT: 17.021 min Scan# 2521

Delta R.T. -0.012 min

Lab File: BF144406.D

Acq: 02 Dec 2025 16:49

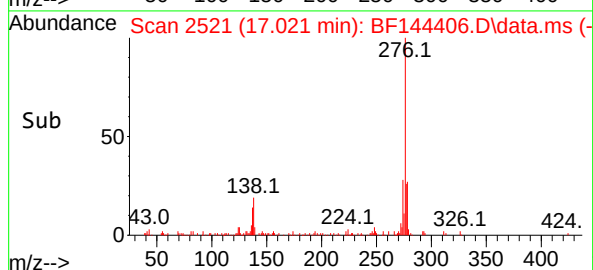
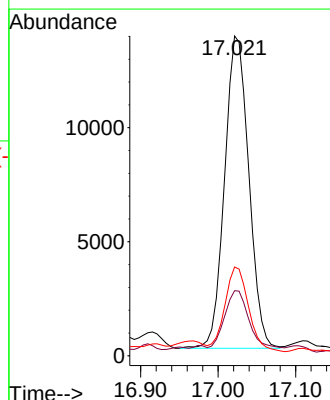
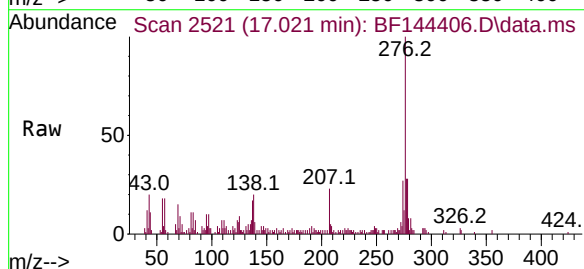
Tgt Ion:276 Resp: 29818

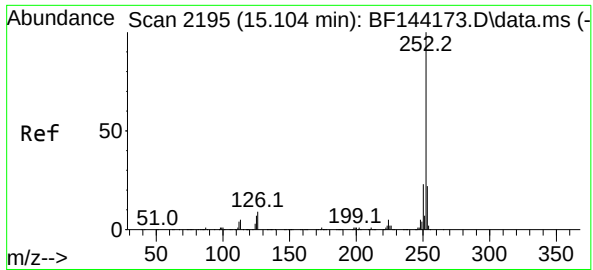
Ion Ratio Lower Upper

276 100

138 21.1 13.9 20.9

277 26.5 19.8 29.6





#88

Benzo(b)fluoranthene

Concen: 11.143 ng m

RT: 15.092 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144406.D

Acq: 02 Dec 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SB-1125-25

Tgt Ion:252 Resp: 9009

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

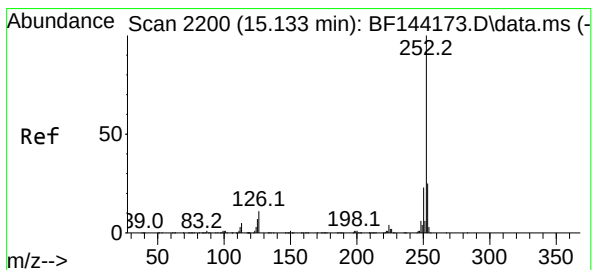
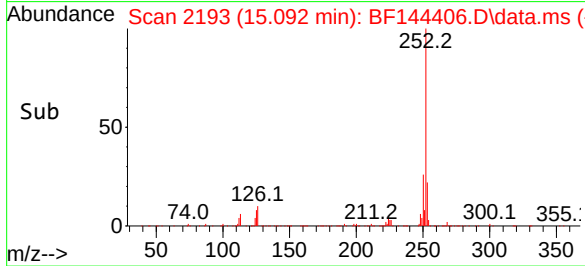
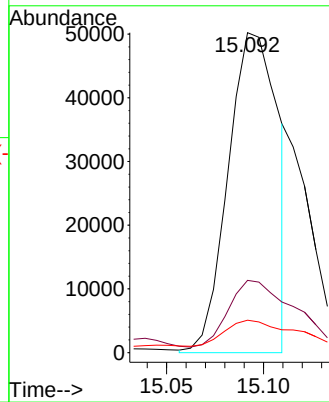
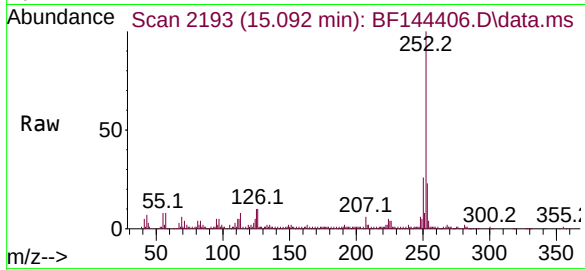
125 10.1 5.3 7.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#89

Benzo(k)fluoranthene

Concen: 3.906 ng m

RT: 15.109 min Scan# 2196

Delta R.T. -0.018 min

Lab File: BF144406.D

Acq: 02 Dec 2025 16:49

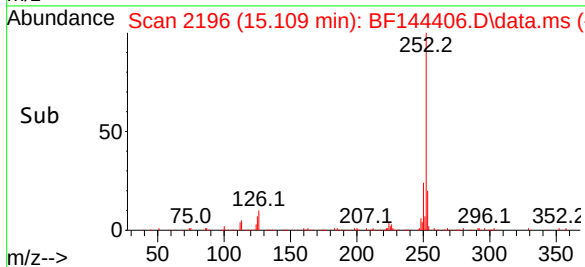
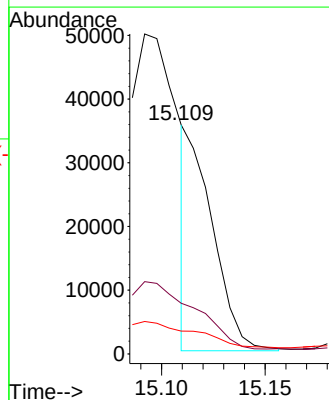
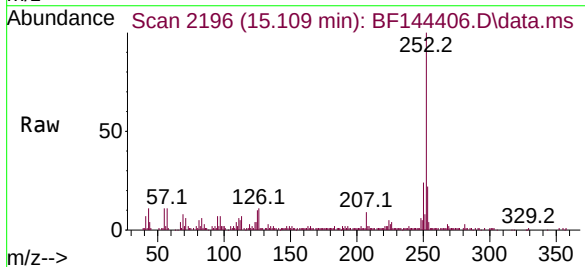
Tgt Ion:252 Resp: 29558

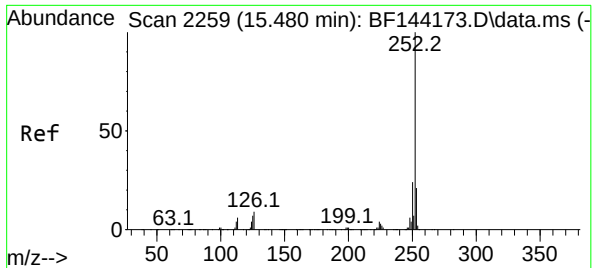
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 10.0 5.4 8.2





#90

Benzo(a)pyrene

Concen: 9.806 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144406.D

Acq: 02 Dec 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SB-1125-25

Tgt Ion:252 Resp: 73140

Ion Ratio Lower Upper

252 100

253 22.8 16.7 25.1

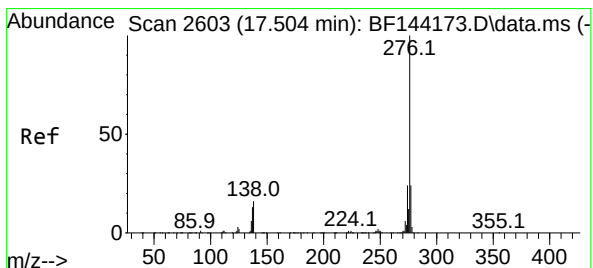
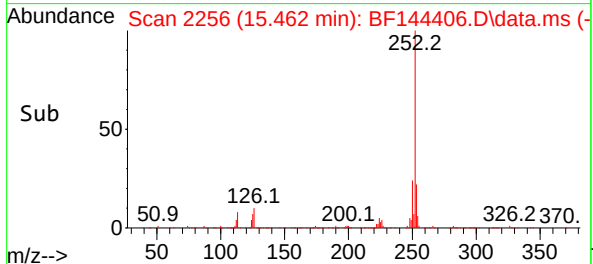
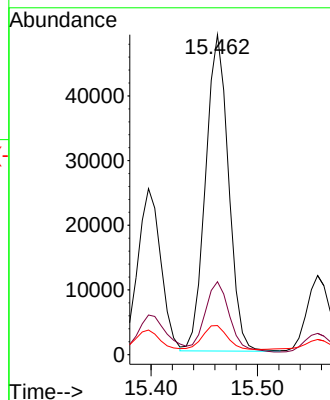
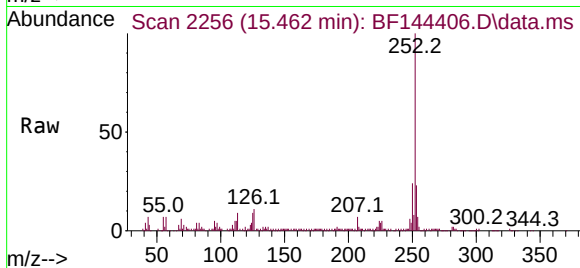
125 9.1 5.7 8.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#92

Benzo(g,h,i)perylene

Concen: 3.223 ng

RT: 17.480 min Scan# 2599

Delta R.T. -0.012 min

Lab File: BF144406.D

Acq: 02 Dec 2025 16:49

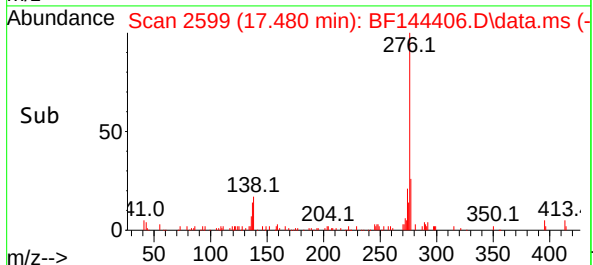
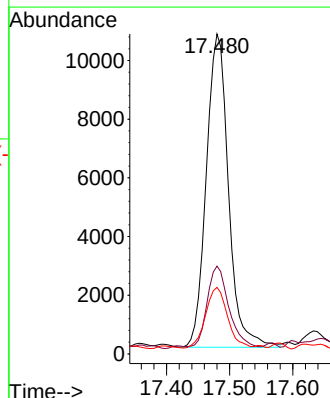
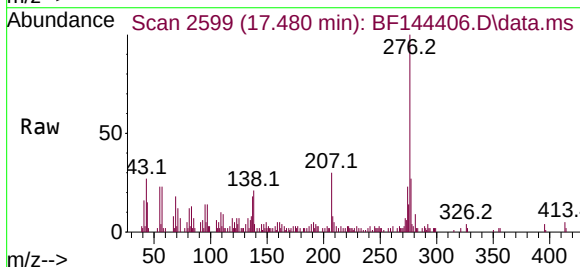
Tgt Ion:276 Resp: 26095

Ion Ratio Lower Upper

276 100

277 27.4 19.0 28.4

138 20.8 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
 Data File : BF144406.D
 Acq On : 02 Dec 2025 16:49
 Operator : RC/JU
 Sample : Q3742-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-25

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: BF144406.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.922	287	294	301	rBV	34776	58011	7.61%	0.628%
2	5.075	484	490	499	rBV	149472	223446	29.29%	2.420%
3	5.487	555	560	576	rVB	508517	699765	91.74%	7.578%
4	6.492	726	731	749	rBV	516300	730594	95.78%	7.911%
5	6.863	789	794	800	rBV	188875	239513	31.40%	2.594%
6	7.286	862	866	871	rBV3	7366	12553	1.65%	0.136%
7	7.422	884	889	899	rBV	350054	450046	59.00%	4.873%
8	8.145	1003	1012	1019	rBV2	236392	358128	46.95%	3.878%
9	8.363	1042	1049	1055	rBV6	4988	13826	1.81%	0.150%
10	8.557	1079	1082	1085	rBV	6471	8317	1.09%	0.090%
11	8.857	1130	1133	1137	rBV	8629	11156	1.46%	0.121%
12	9.157	1181	1184	1189	rVB	12824	15892	2.08%	0.172%
13	9.216	1189	1194	1203	rBV	601453	762770	100.00%	8.260%
14	9.298	1204	1208	1211	rBV3	10232	13755	1.80%	0.149%
15	9.616	1257	1262	1270	rVV4	19510	27795	3.64%	0.301%
16	9.763	1283	1287	1291	rBV	17113	23284	3.05%	0.252%
17	9.898	1302	1310	1315	rBV	255237	335662	44.01%	3.635%
18	10.104	1343	1345	1349	rVB3	6947	8645	1.13%	0.094%
19	10.145	1349	1352	1358	rVB4	11172	16767	2.20%	0.182%
20	10.216	1360	1364	1367	rBV5	6866	11018	1.44%	0.119%
21	10.310	1376	1380	1385	rBV5	10145	20492	2.69%	0.222%
22	10.451	1400	1404	1408	rVB2	11518	15773	2.07%	0.171%
23	10.545	1416	1420	1426	rVB	19883	31010	4.07%	0.336%
24	10.616	1427	1432	1438	rVV	74340	99087	12.99%	1.073%
25	10.692	1440	1445	1455	rVV	337160	451795	59.23%	4.892%
26	10.804	1459	1464	1472	rVB2	45172	80345	10.53%	0.870%
27	10.927	1481	1485	1489	rVB3	15841	21213	2.78%	0.230%
28	10.998	1494	1497	1500	rBV4	8652	12742	1.67%	0.138%
29	11.133	1516	1520	1528	rBV6	12672	34427	4.51%	0.373%
30	11.245	1536	1539	1541	rBV3	11882	16562	2.17%	0.179%
31	11.280	1542	1545	1551	rVB2	26384	40506	5.31%	0.439%
32	11.392	1559	1564	1573	rBV2	232447	403587	52.91%	4.370%
33	11.469	1574	1577	1580	rVV	26160	30391	3.98%	0.329%
34	11.627	1601	1604	1610	rBV4	12805	23150	3.03%	0.251%
35	11.916	1647	1653	1659	rBV2	119661	210522	27.60%	2.280%
36	11.974	1660	1663	1665	rVV	25484	34082	4.47%	0.369%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144406.D
Acq On : 02 Dec 2025 16:49
Operator : RC/JU
Sample : Q3742-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-25

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.010	1665	1669	1676	rVB2	51817	96810	12.69%	1.048%
38	12.139	1687	1691	1696	rBV6	21002	35016	4.59%	0.379%
39	12.445	1740	1743	1746	rBV	23739	30075	3.94%	0.326%
40	12.610	1767	1771	1776	rBV	199849	254036	33.30%	2.751%
41	12.704	1784	1787	1793	rVB2	37002	51170	6.71%	0.554%
42	12.839	1804	1810	1816	rBV2	174588	277888	36.43%	3.009%
43	12.980	1828	1834	1841	rVB	497432	666143	87.33%	7.213%
44	13.057	1844	1847	1853	rVB4	29193	51206	6.71%	0.554%
45	13.168	1863	1866	1870	rVB	55643	71932	9.43%	0.779%
46	13.239	1874	1878	1881	rVV2	54773	76991	10.09%	0.834%
47	13.274	1881	1884	1891	rVB2	38466	59422	7.79%	0.643%
48	13.768	1964	1968	1974	rBV4	45661	91176	11.95%	0.987%
49	13.980	2001	2004	2008	rBV	80909	103222	13.53%	1.118%
50	14.039	2008	2014	2018	rBV2	301972	533214	69.90%	5.774%
51	15.092	2189	2193	2200	rBV	108454	240112	31.48%	2.600%
52	15.398	2241	2245	2251	rVB	68224	116679	15.30%	1.263%
53	15.462	2252	2256	2261	rVV	118532	178973	23.46%	1.938%
54	15.527	2262	2267	2284	rVB2	223752	411113	53.90%	4.452%
55	17.027	2517	2522	2528	rBV	46755	98875	12.96%	1.071%
56	17.250	2556	2560	2568	rVB3	62191	131190	17.20%	1.421%
57	17.486	2594	2600	2614	rVB	38020	112833	14.79%	1.222%

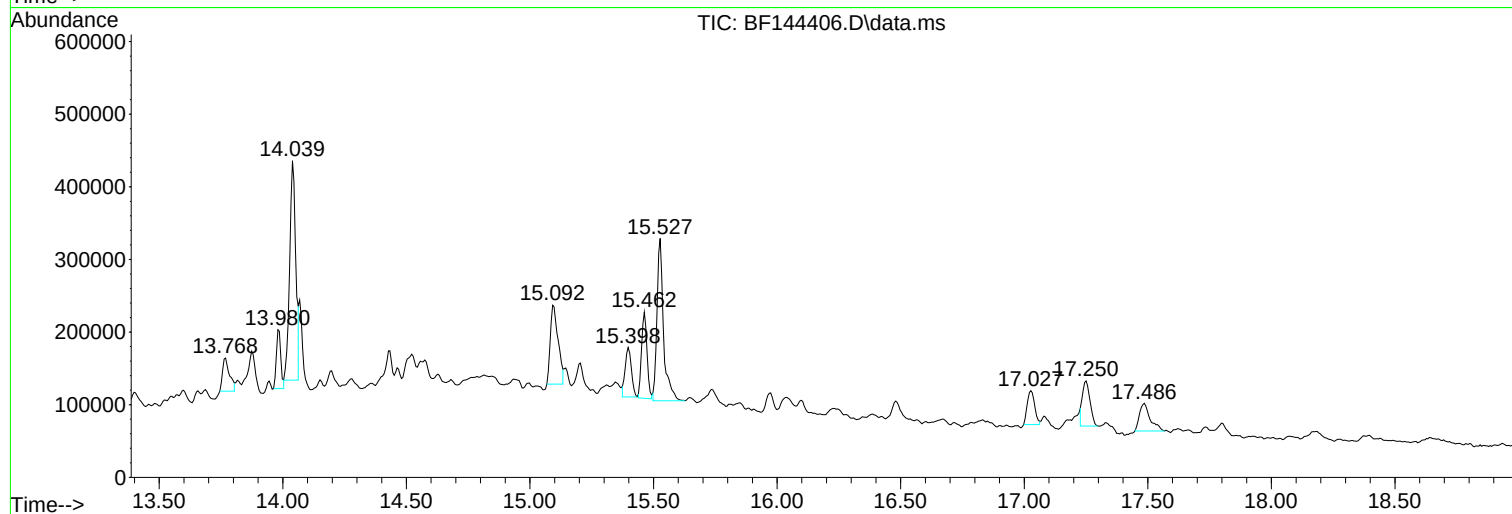
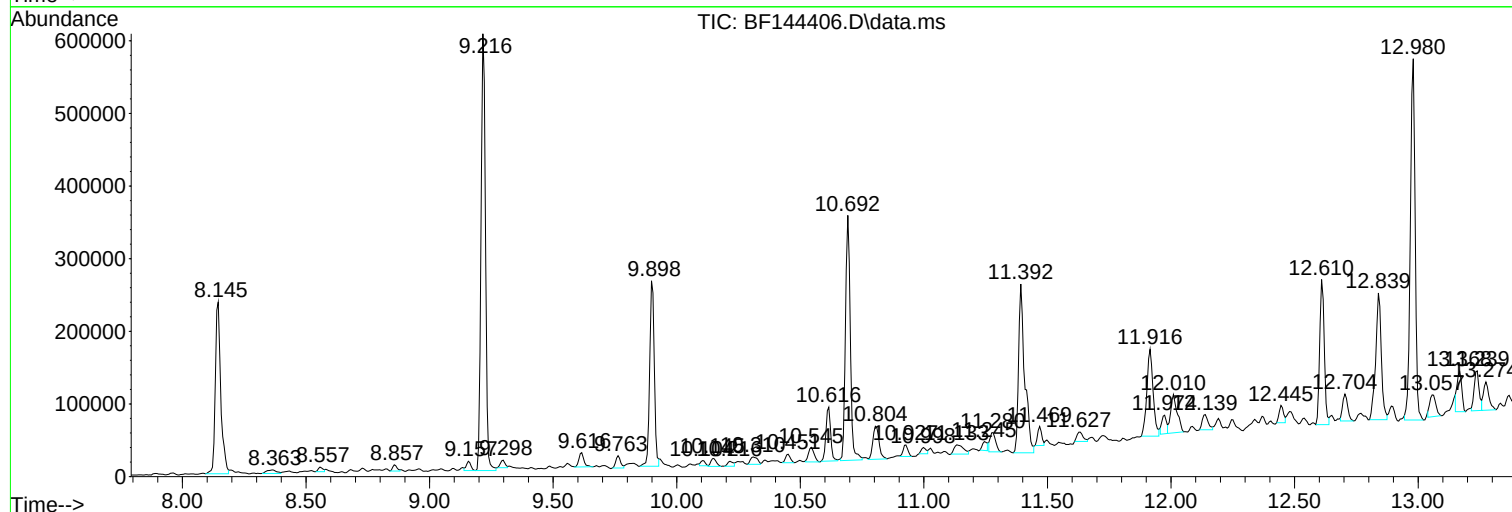
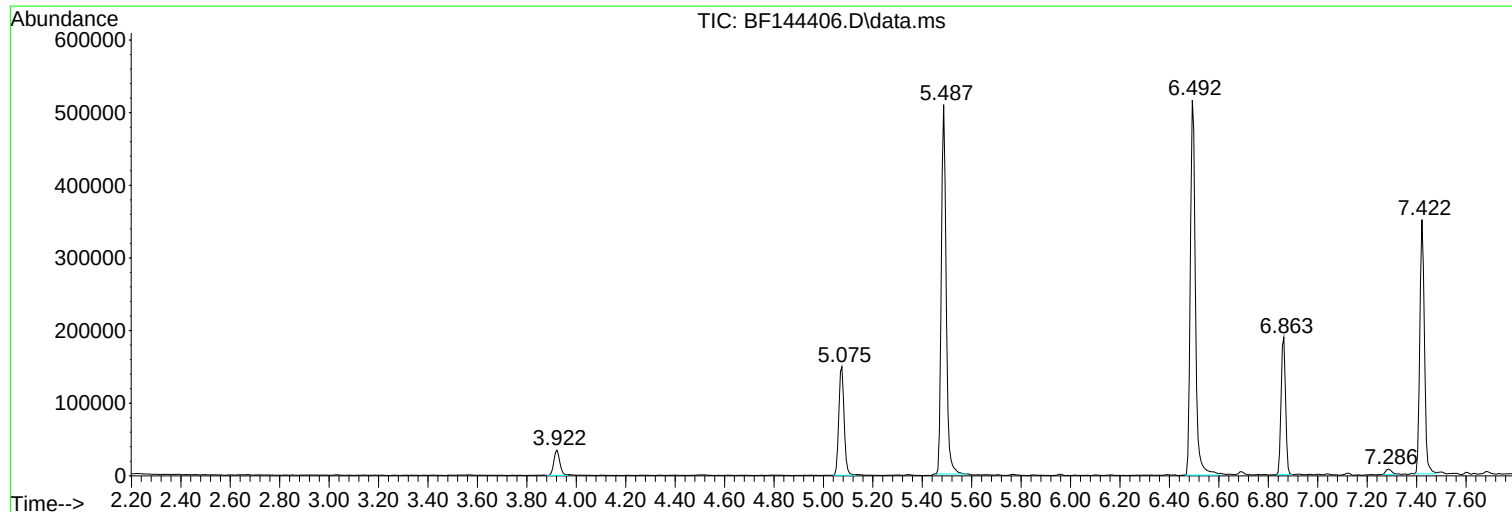
Sum of corrected areas: 9234703

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144406.D
Acq On : 02 Dec 2025 16:49
Operator : RC/JU
Sample : Q3742-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-25

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144406.D
Acq On : 02 Dec 2025 16:49
Operator : RC/JU
Sample : Q3742-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-25

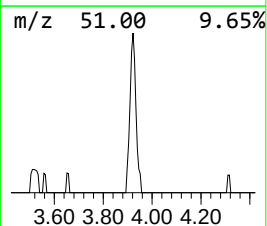
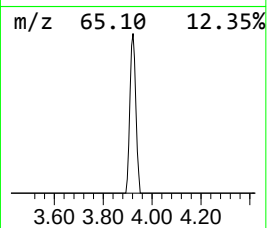
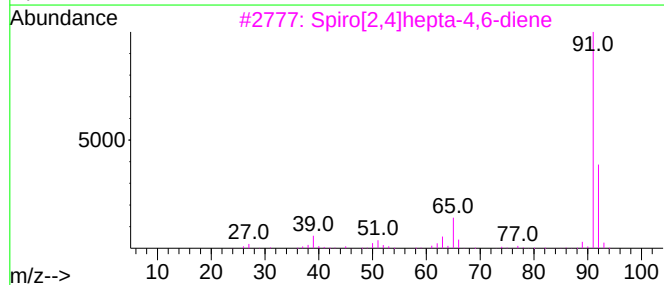
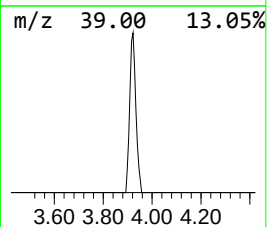
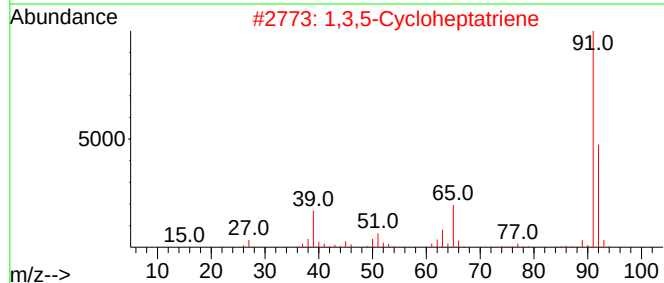
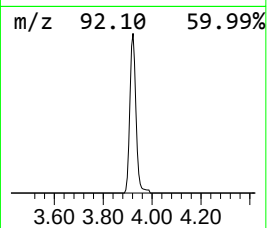
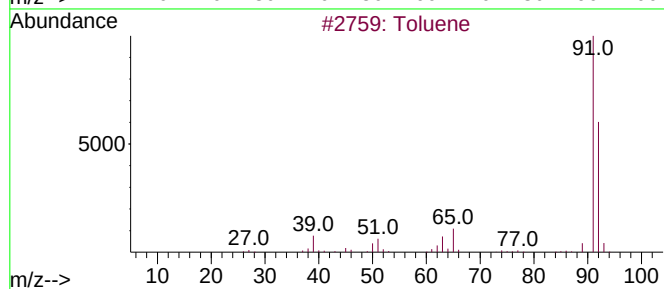
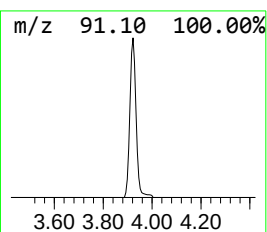
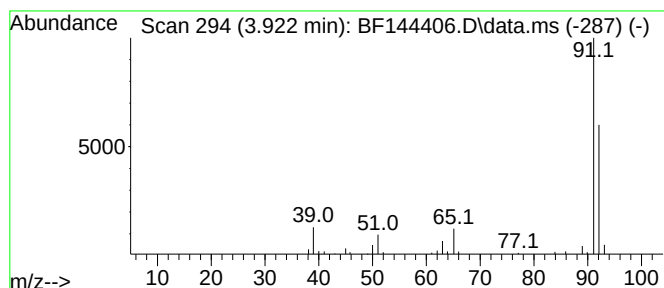
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.922	4.84 ng	58011	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Toluene	92	C7H8	000108-88-3	93
2			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
3			Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	86
4			Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	72
5			2,5-Norbornadiene	92	C7H8	000121-46-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144406.D
Acq On : 02 Dec 2025 16:49
Operator : RC/JU
Sample : Q3742-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

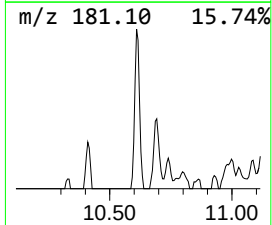
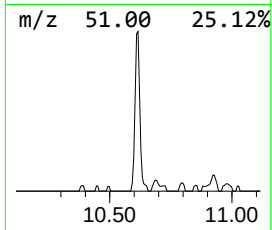
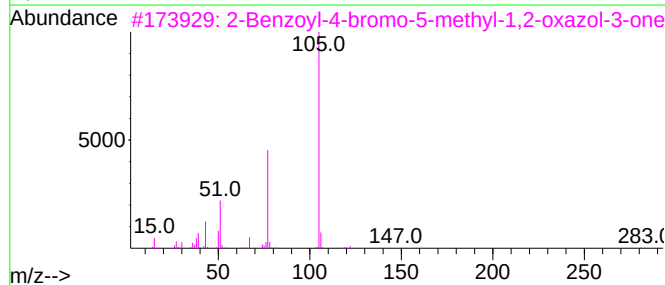
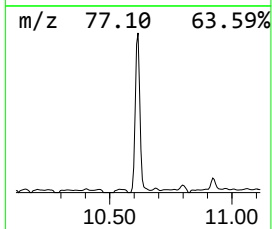
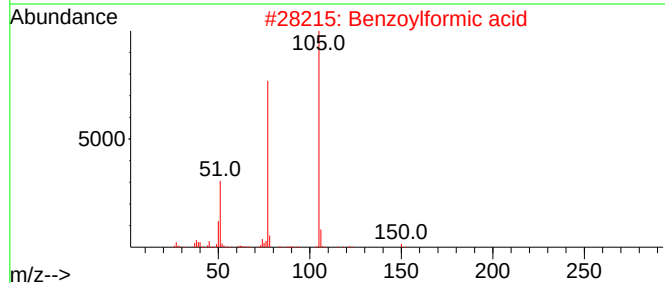
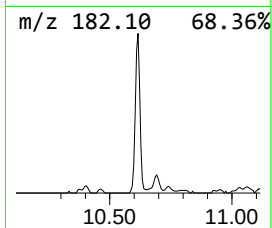
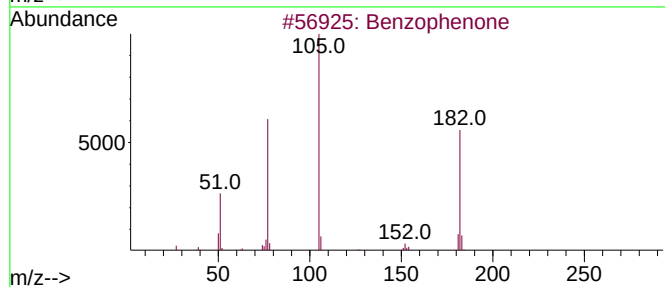
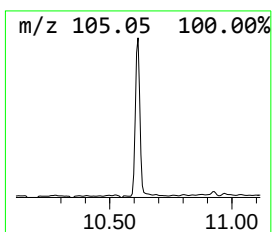
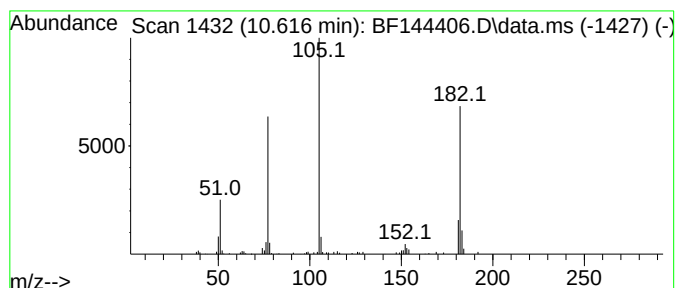
Instrument :
BNA_F
ClientSampleId :
SB-1125-25

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

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

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.616	5.90 ng	99087	Acenaphthene-d10	9.898	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzoylformic acid	150	C8H6O3	000611-73-4	55
3	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	43
4	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	43
5	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144406.D
Acq On : 02 Dec 2025 16:49
Operator : RC/JU
Sample : Q3742-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

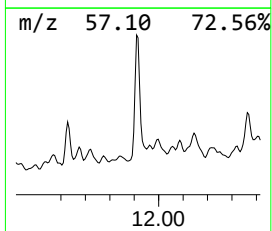
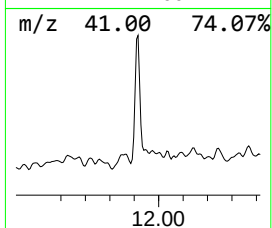
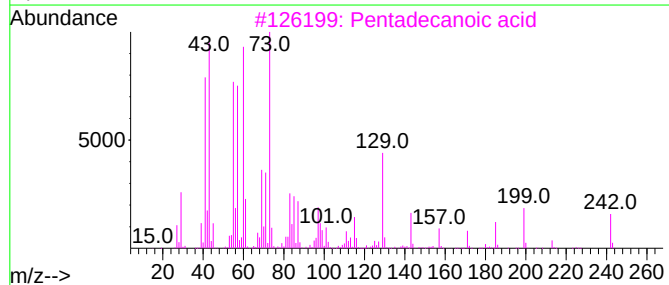
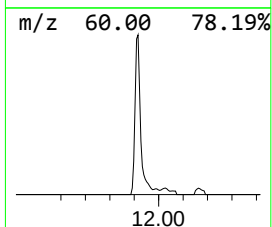
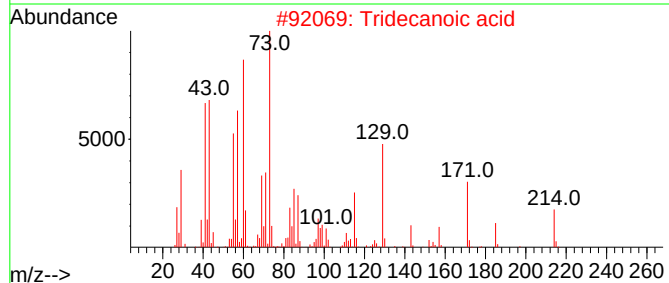
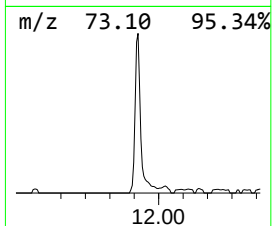
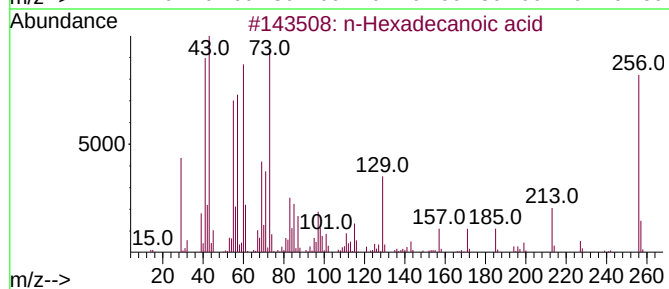
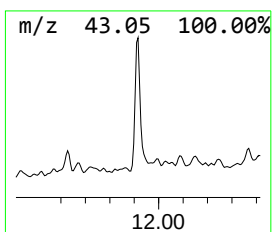
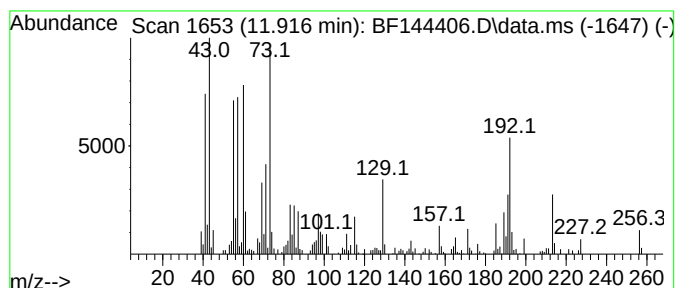
Instrument :
BNA_F
ClientSampleId :
SB-1125-25

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

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.916	10.43 ng	210522	Phenanthrene-d10	11.392	
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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4	Hexadecane	226	C16H34	000544-76-3	56
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144406.D
Acq On : 02 Dec 2025 16:49
Operator : RC/JU
Sample : Q3742-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

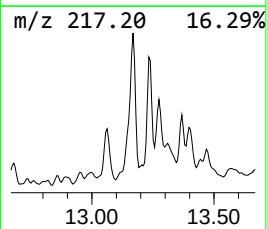
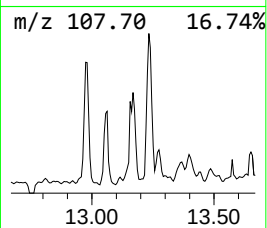
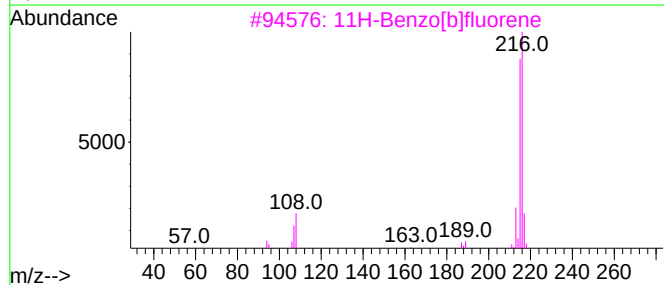
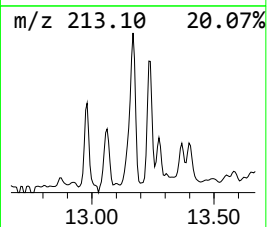
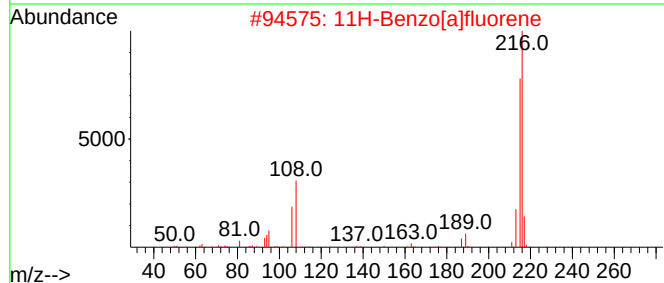
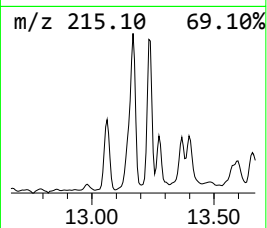
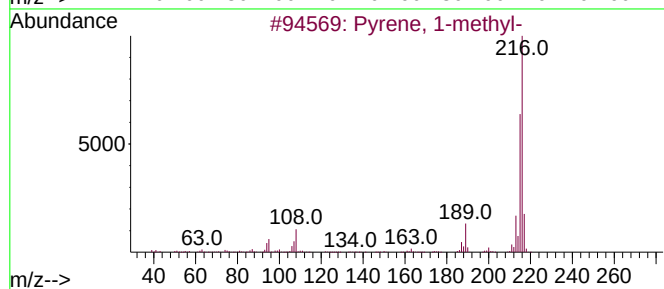
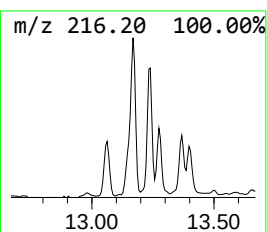
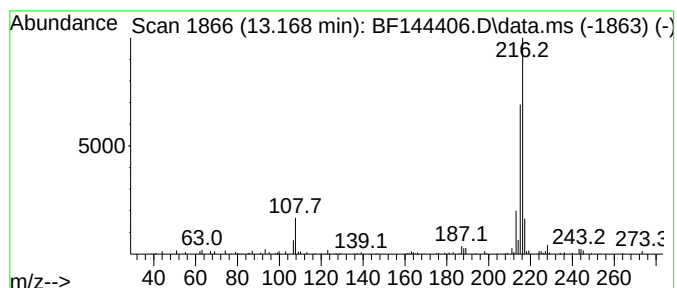
Instrument :
BNA_F
ClientSampleId :
SB-1125-25

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

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

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.168	2.70 ng	71932	Chrysene-d12	14.045	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144406.D
Acq On : 02 Dec 2025 16:49
Operator : RC/JU
Sample : Q3742-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-25

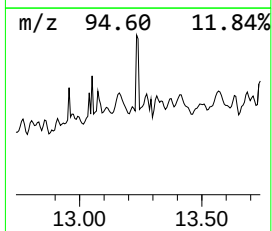
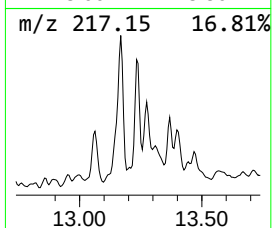
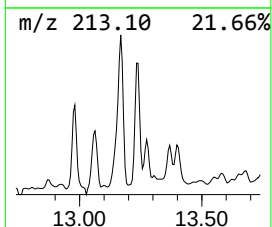
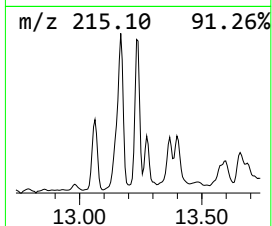
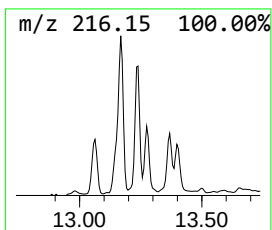
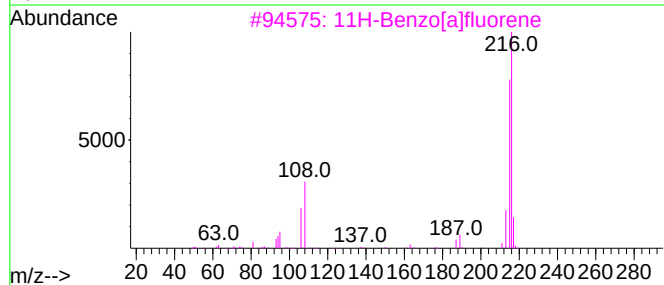
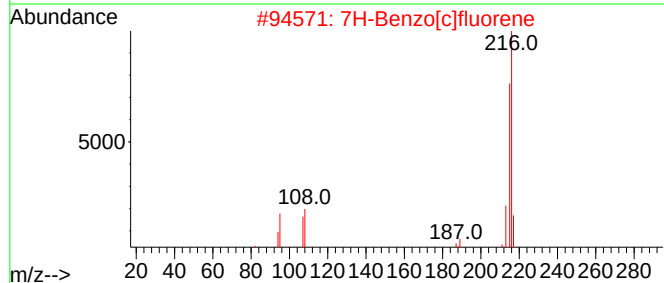
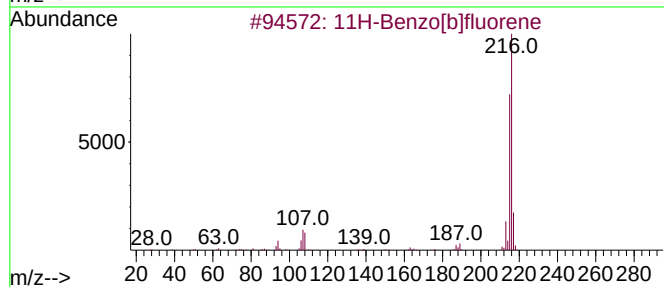
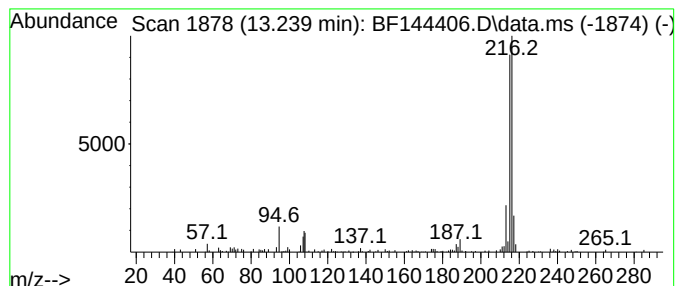
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	2.89 ng	76991	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144406.D
Acq On : 02 Dec 2025 16:49
Operator : RC/JU
Sample : Q3742-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-25

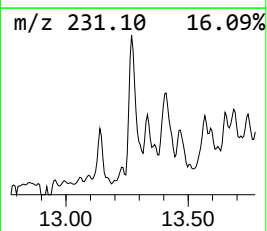
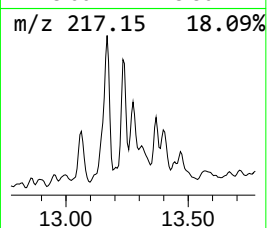
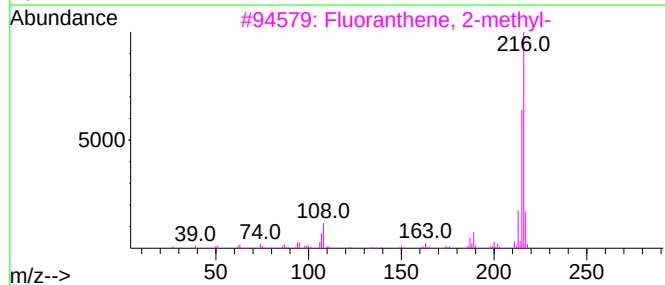
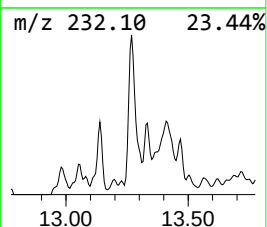
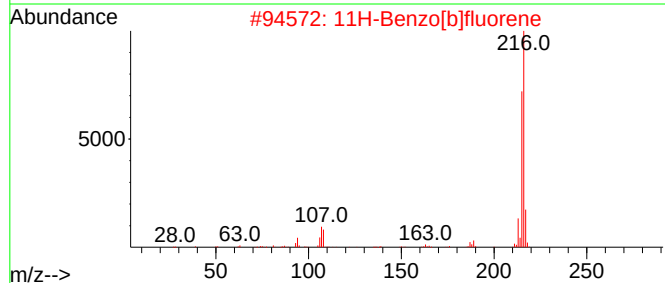
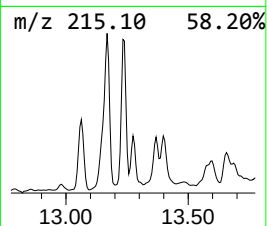
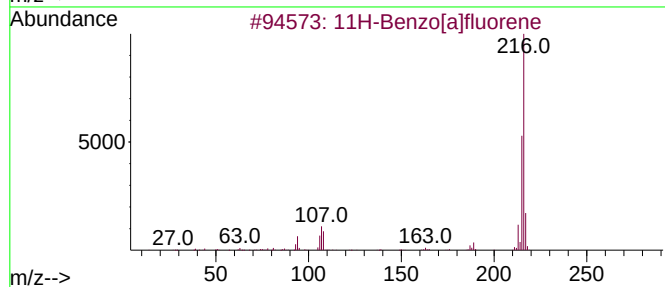
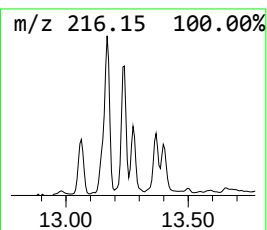
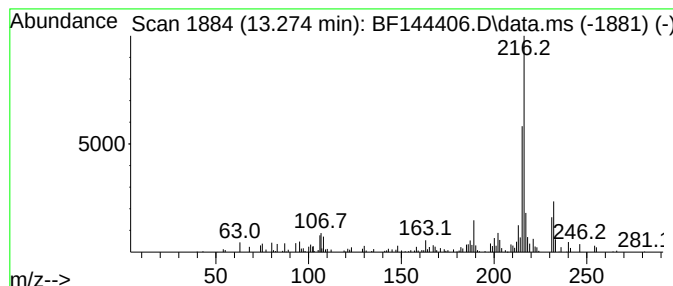
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.274	2.23 ng	59422	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	68
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144406.D
Acq On : 02 Dec 2025 16:49
Operator : RC/JU
Sample : Q3742-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-25

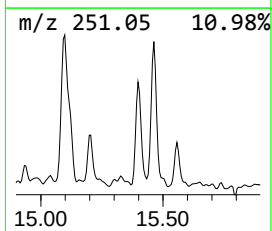
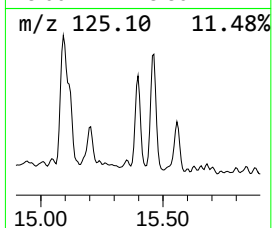
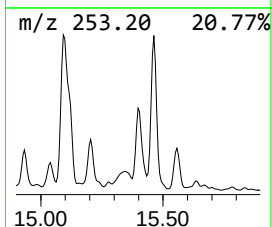
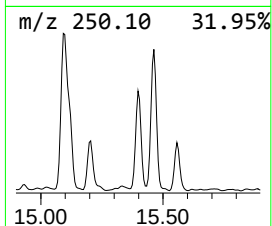
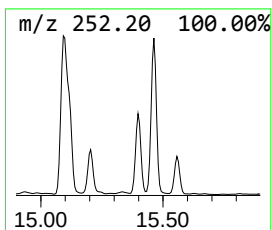
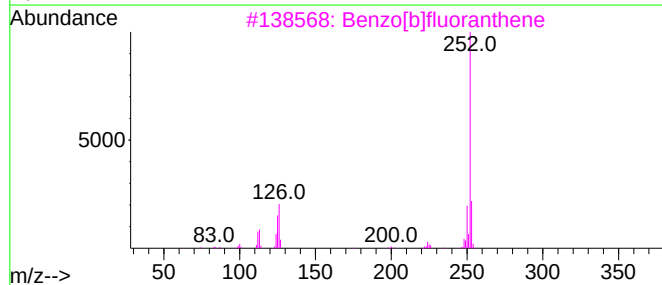
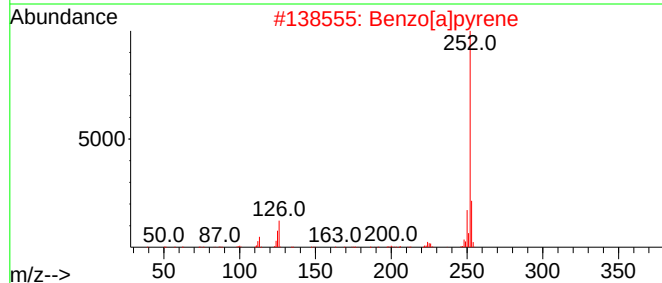
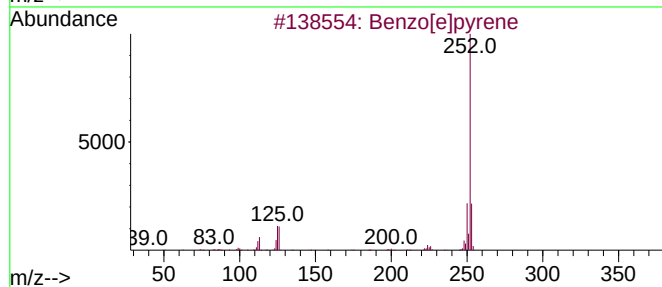
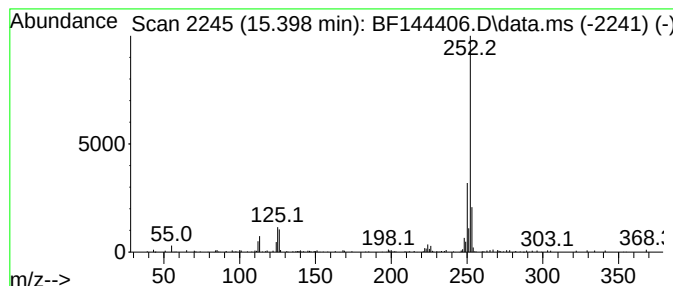
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	5.68 ng	116679	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	93
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144406.D
Acq On : 02 Dec 2025 16:49
Operator : RC/JU
Sample : Q3742-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-25

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,3,5-Cyclohept...	3.922	4.8	ng	58011	1	6.863	239513	20.0
Benzophenone	10.616	5.9	ng	99087	3	9.898	335662	20.0
n-Hexadecanoic ...	11.916	10.4	ng	210522	4	11.392	403587	20.0
Pyrene, 1-methyl-	13.168	2.7	ng	71932	5	14.045	533214	20.0
11H-Benzo[b]flu...	13.239	2.9	ng	76991	5	14.045	533214	20.0
11H-Benzo[a]flu...	13.274	2.2	ng	59422	5	14.045	533214	20.0
Benzo[e]pyrene	15.398	5.7	ng	116679	6	15.527	411113	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
 Data File : BF144407.D
 Acq On : 02 Dec 2025 17:19
 Operator : RC/JU
 Sample : Q3742-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-24

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025

Quant Time: Dec 02 17:39:39 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	40197	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	151185	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	77803	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	116737	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	105661	20.000	ng	0.00
86) Perylene-d12	15.527	264	136950	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	235901	91.837	ng	0.00
7) Phenol-d6	6.492	99	277496	95.341	ng	0.00
23) Nitrobenzene-d5	7.422	82	165014	63.038	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	78690	80.597	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	346356	65.749	ng	-0.01
79) Terphenyl-d14	12.980	244	313147	47.075	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.416	178	26376	4.538	ng	100
75) Fluoranthene	12.610	202	61608	10.261	ng	98
78) Pyrene	12.839	202	58547	6.872	ng	98
81) Benzo(a)anthracene	14.033	228	58088m	7.932	ng	
83) Chrysene	14.068	228	45811	6.777	ng	94
87) Indeno(1,2,3-cd)pyrene	17.027	276	22777	2.317	ng	95
88) Benzo(b)fluoranthene	15.092	252	68533m	8.802	ng	
89) Benzo(k)fluoranthene	15.109	252	20595m	2.826	ng	
90) Benzo(a)pyrene	15.462	252	55659	7.749	ng	# 97
92) Benzo(g,h,i)perylene	17.480	276	20302	2.604	ng	# 93

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

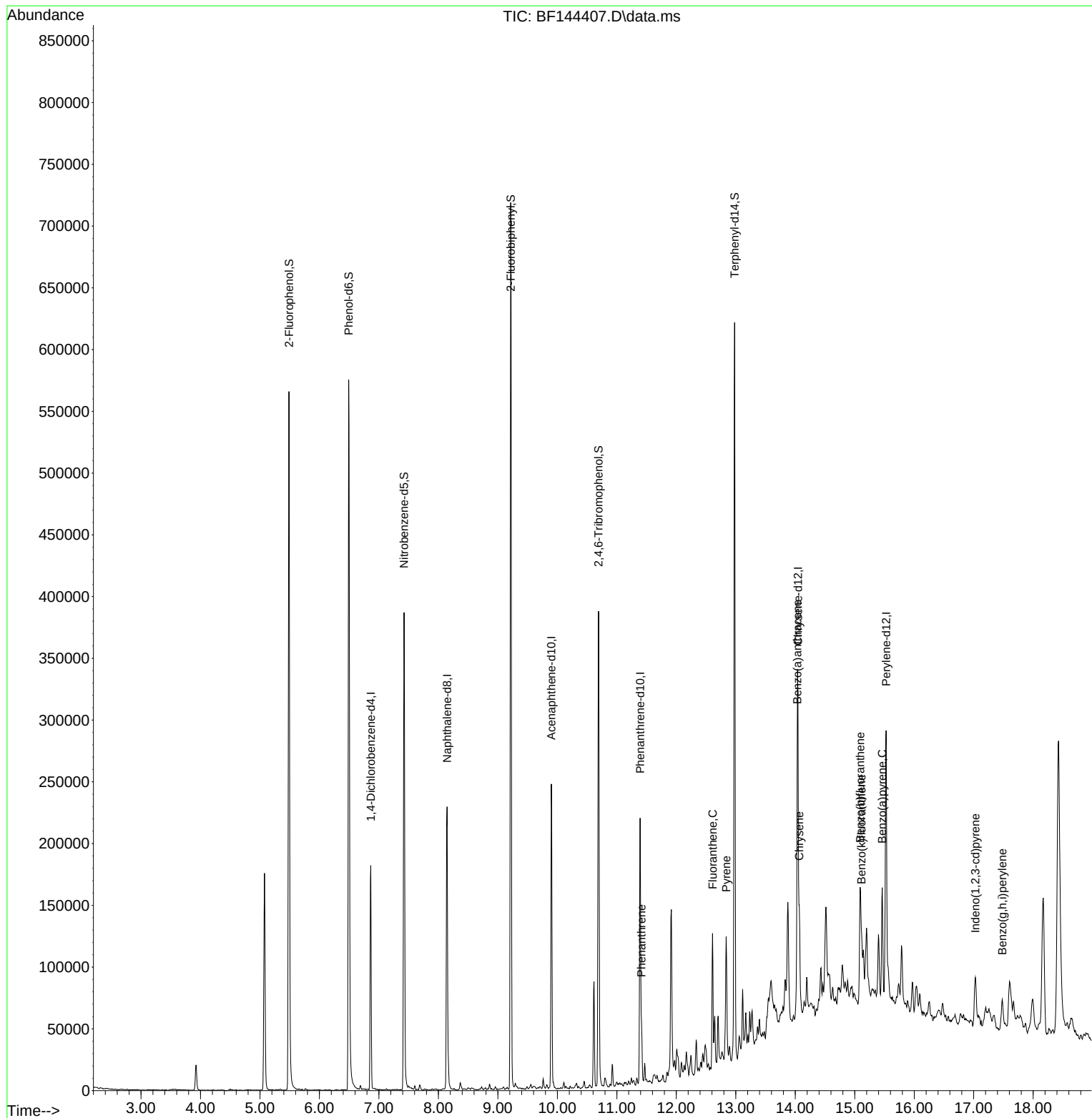
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Acq On : 02 Dec 2025 17:19
Operator : RC/JU
Sample : Q3742-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

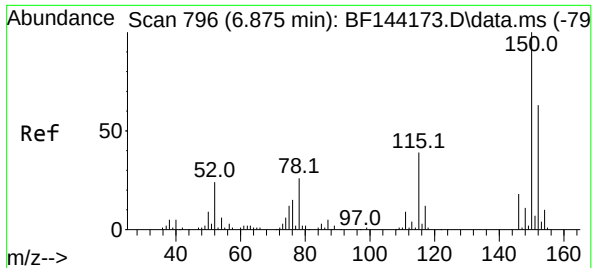
Instrument :
BNA_F
ClientSampleId :
SB-1125-24

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

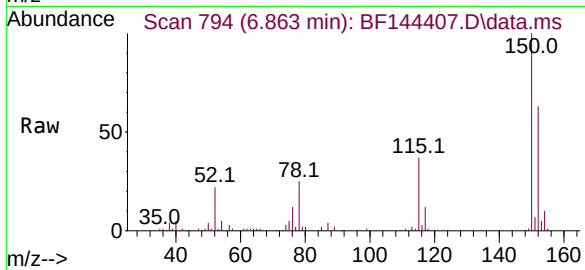
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144407.D
Acq: 02 Dec 2025 17:19

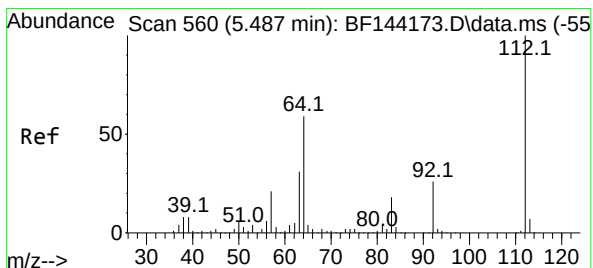
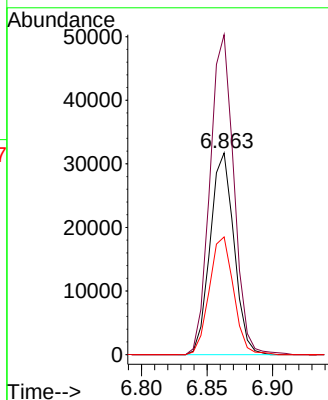
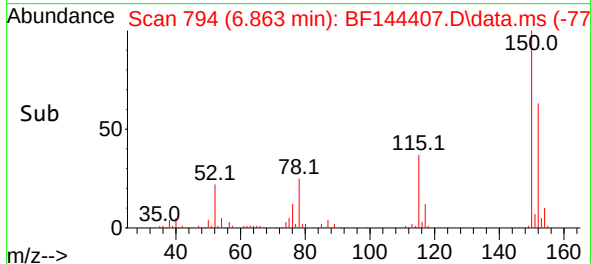
Instrument :
BNA_F
ClientSampleId :
SB-1125-24



Tgt Ion:152 Resp: 40197
Ion Ratio Lower Upper
152 100
150 158.7 127.4 191.0
115 58.4 49.5 74.3

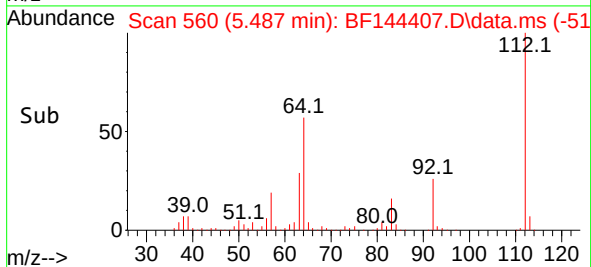
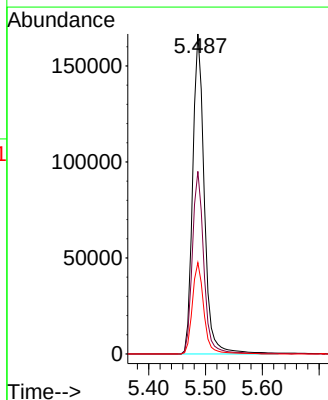
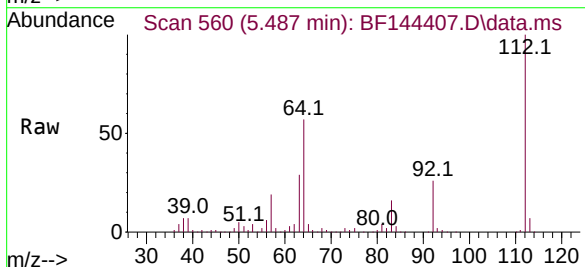
Manual Integrations
APPROVED

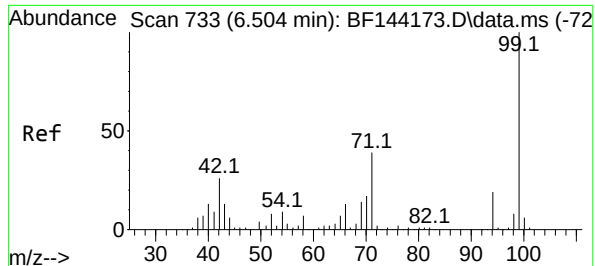
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#5
2-Fluorophenol
Concen: 91.837 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144407.D
Acq: 02 Dec 2025 17:19

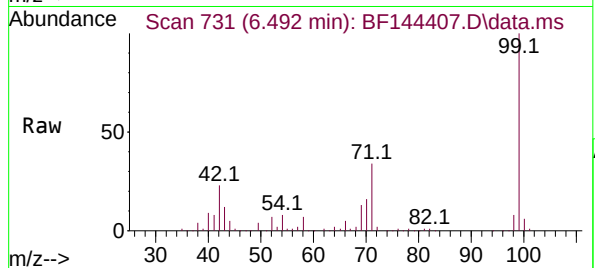
Tgt Ion:112 Resp: 235901
Ion Ratio Lower Upper
112 100
64 57.0 47.2 70.8
63 28.5 24.4 36.6





#7
Phenol-d6
Concen: 95.341 ng
RT: 6.492 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF144407.D
Acq: 02 Dec 2025 17:19

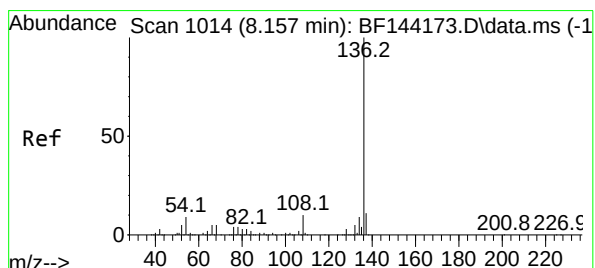
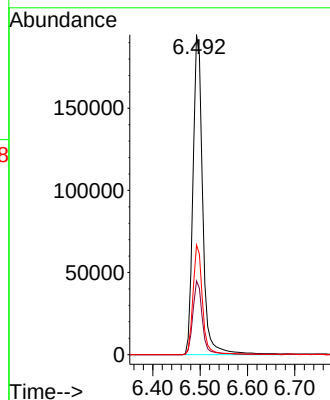
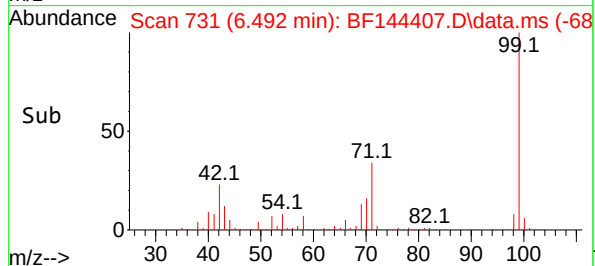
Instrument :
BNA_F
ClientSampleId :
SB-1125-24



Tgt Ion: 99 Resp: 277496
Ion Ratio Lower Upper
99 100
42 23.0 20.9 31.3
71 34.3 31.4 47.2

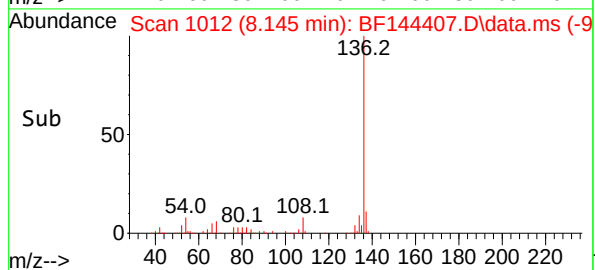
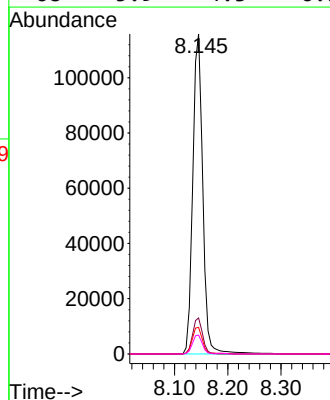
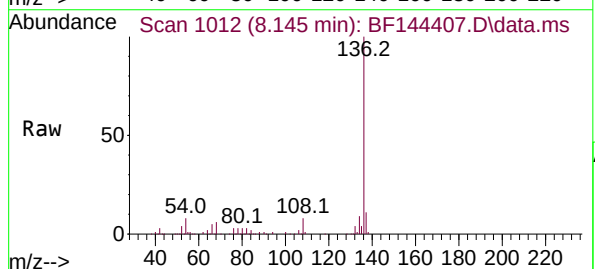
Manual Integrations
APPROVED

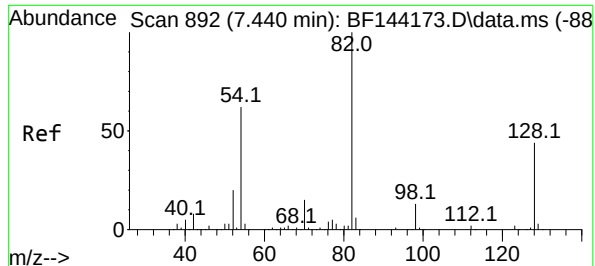
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144407.D
Acq: 02 Dec 2025 17:19

Tgt Ion:136 Resp: 151185
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.3 7.0 10.6
68 5.9 4.3 6.5





#23

Nitrobenzene-d5

Concen: 63.038 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF144407.D

Acq: 02 Dec 2025 17:19

Instrument :

BNA_F

ClientSampleId :

SB-1125-24

Tgt Ion: 82 Resp: 165014

Ion Ratio Lower Upper

82 100

128 45.0 34.7 52.1

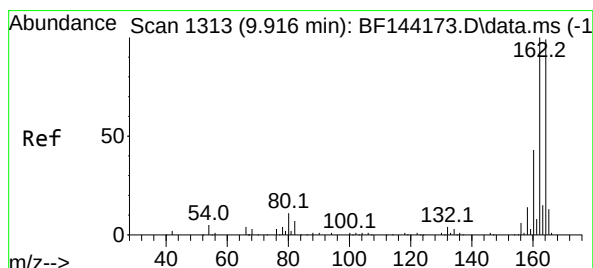
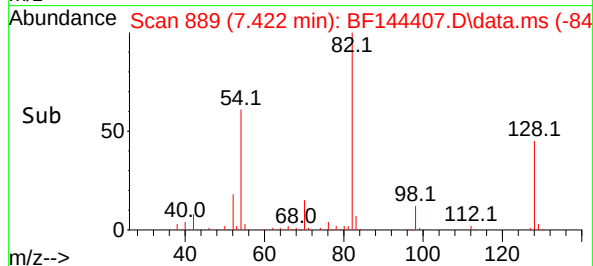
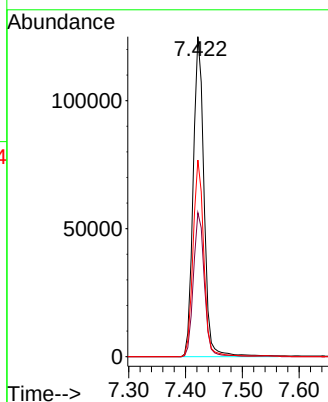
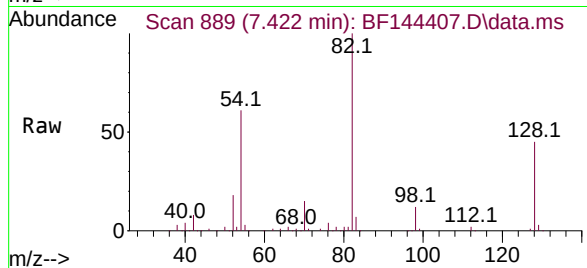
54 61.4 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.018 min

Lab File: BF144407.D

Acq: 02 Dec 2025 17:19

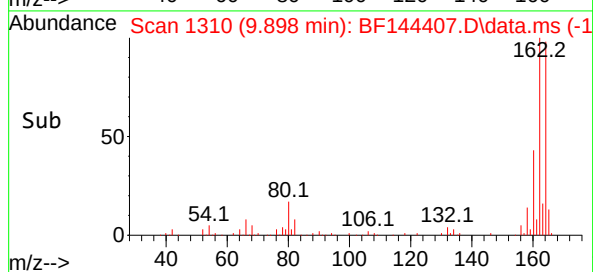
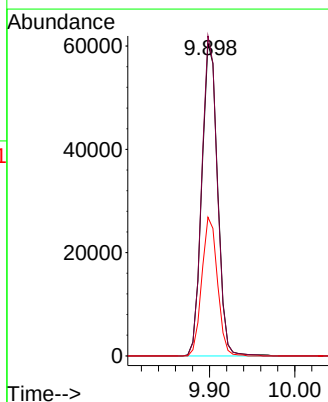
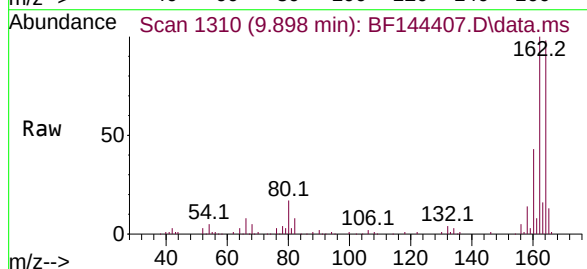
Tgt Ion:164 Resp: 77803

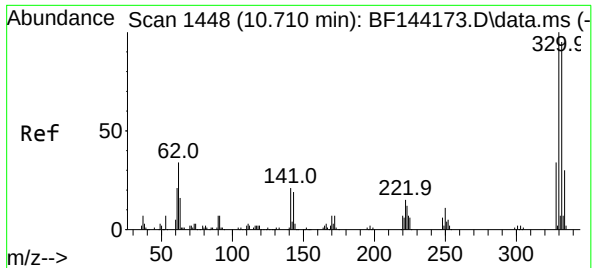
Ion Ratio Lower Upper

164 100

162 102.4 81.1 121.7

160 44.4 34.5 51.7





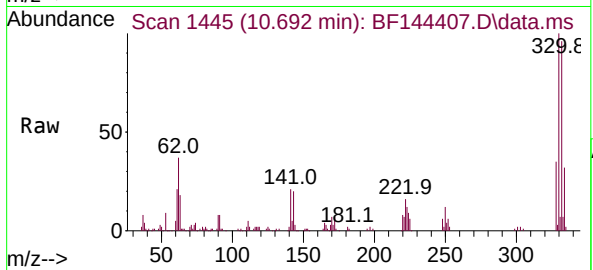
#42
2,4,6-Tribromophenol
Concen: 80.597 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144407.D
Acq: 02 Dec 2025 17:19

Instrument :

BNA_F

ClientSampleId :

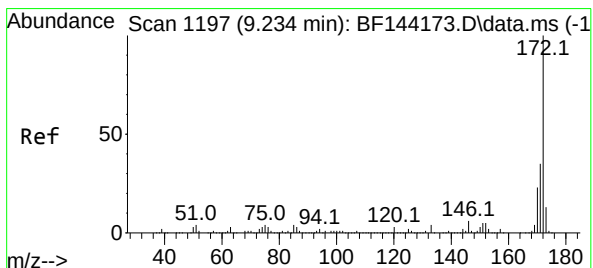
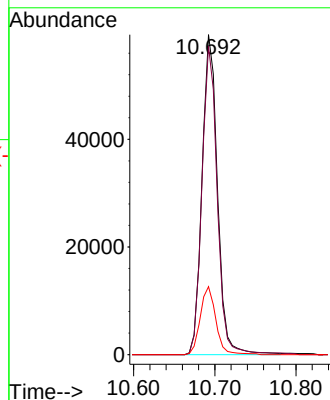
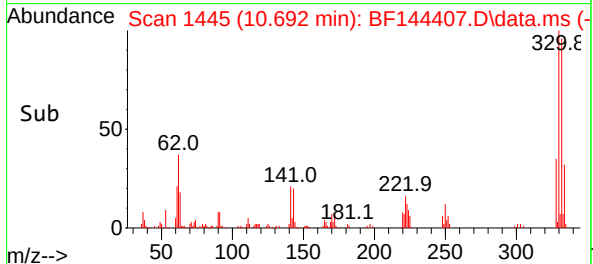
SB-1125-24



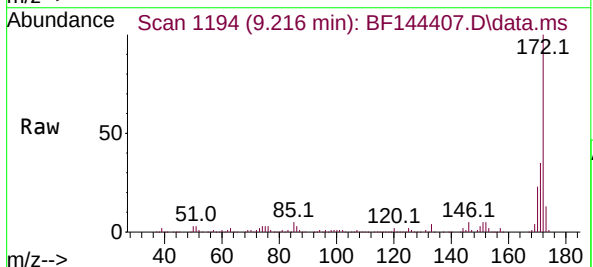
Tgt Ion: 330 Resp: 78690
Ion Ratio Lower Upper
330 100
332 95.7 76.7 115.1
141 21.4 17.8 26.8

Manual Integrations
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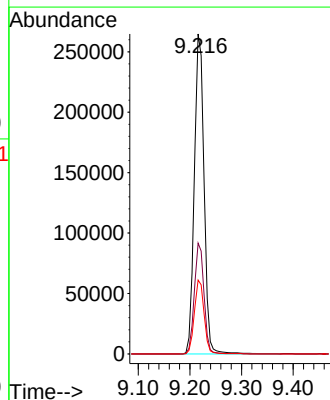
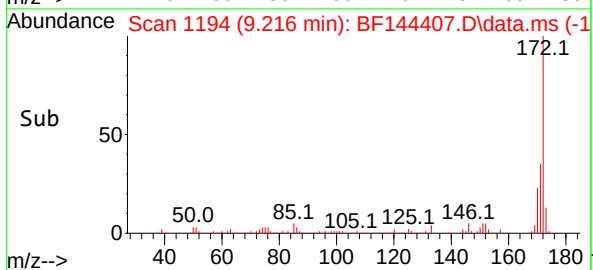
Reviewed By : Jagrut Upadhyay 12/03/2025
Supervised By : Sohil Jodhani 12/03/2025

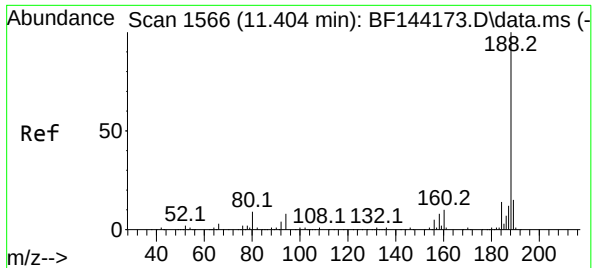


#45
2-Fluorobiphenyl
Concen: 65.749 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144407.D
Acq: 02 Dec 2025 17:19



Tgt Ion: 172 Resp: 346356
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.1 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144407.D

Acq: 02 Dec 2025 17:19

Instrument :

BNA_F

ClientSampleId :

SB-1125-24

Tgt Ion:188 Resp: 11673

Ion Ratio Lower Upper

188 100

94 8.0 6.2 9.2

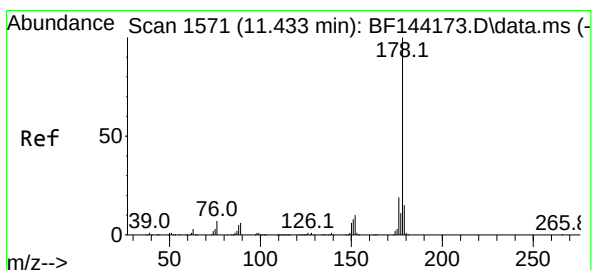
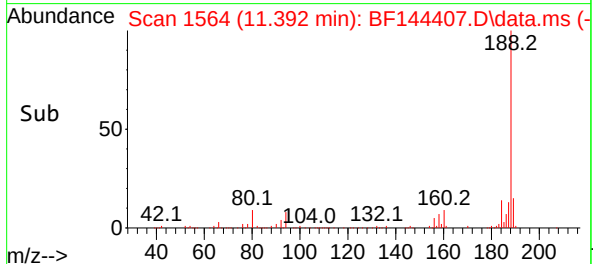
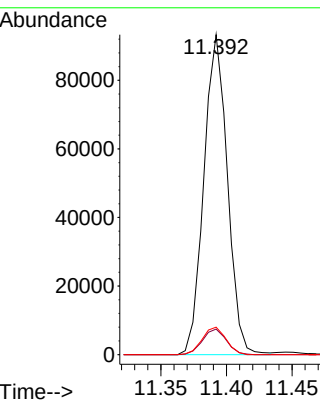
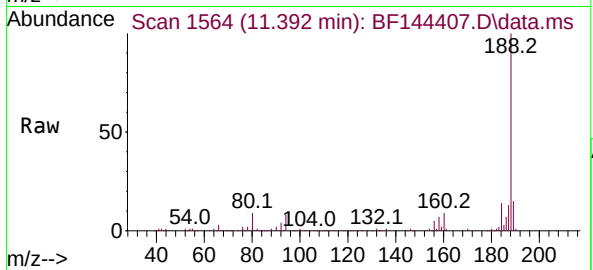
80 8.6 6.9 10.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#71

Phenanthrene

Concen: 4.538 ng

RT: 11.416 min Scan# 1568

Delta R.T. -0.012 min

Lab File: BF144407.D

Acq: 02 Dec 2025 17:19

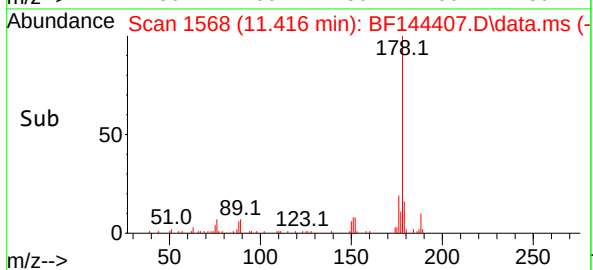
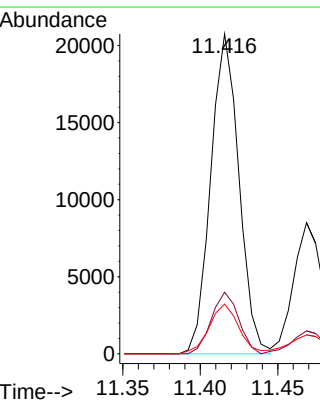
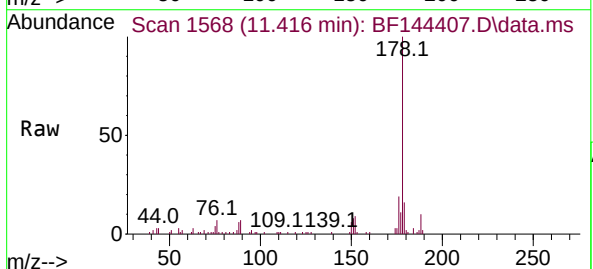
Tgt Ion:178 Resp: 26376

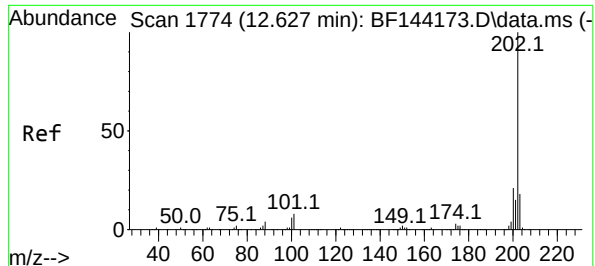
Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.6 12.2 18.4





#75

Fluoranthene

Concen: 10.261 ng

RT: 12.610 min Scan# 1774

Delta R.T. -0.012 min

Lab File: BF144407.D

Acq: 02 Dec 2025 17:19

Instrument :

BNA_F

ClientSampleId :

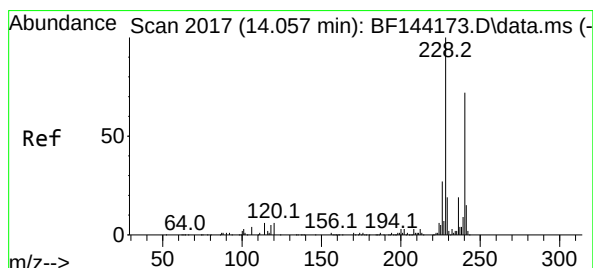
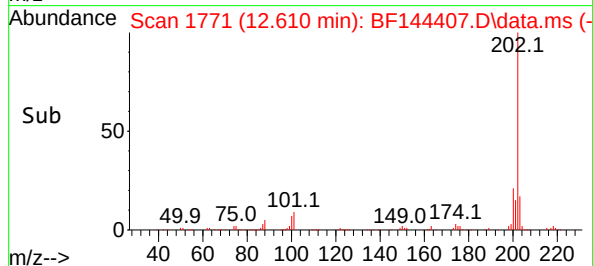
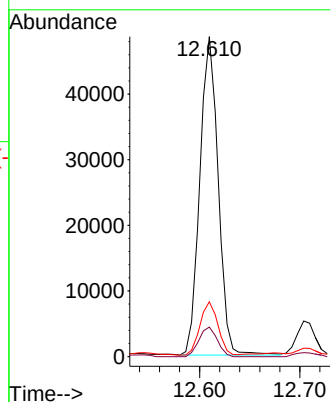
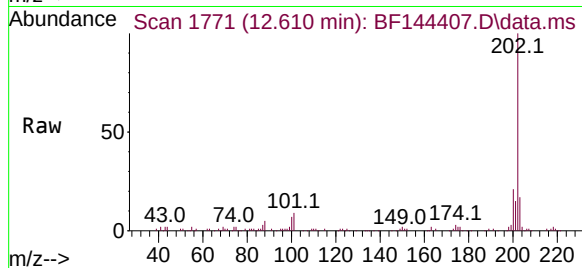
SB-1125-24

Tgt Ion:	202	Resp:	61608
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	27.9
203	17.1	0.0	37.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025



#76

Chrysene-d12

Concen: 20.000 ng

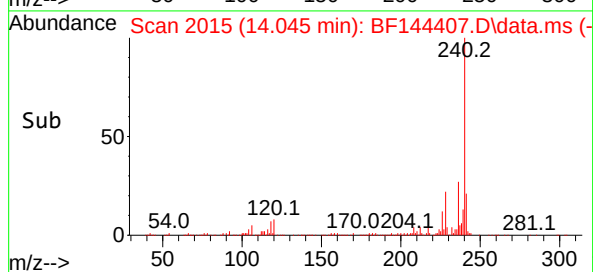
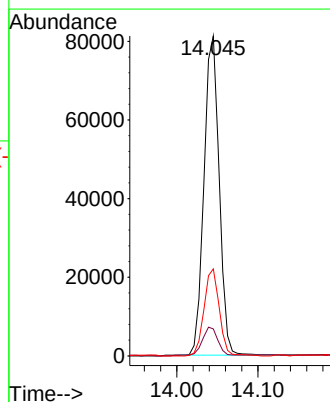
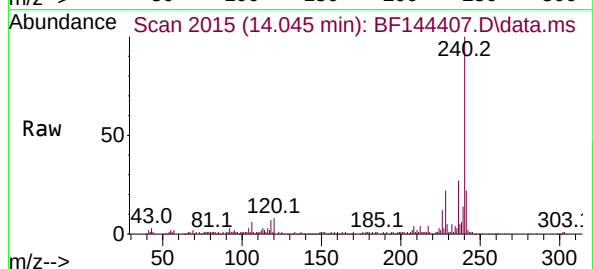
RT: 14.045 min Scan# 2015

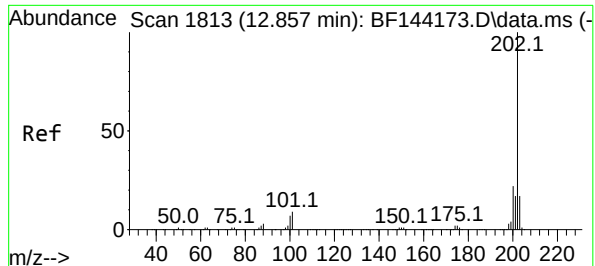
Delta R.T. -0.006 min

Lab File: BF144407.D

Acq: 02 Dec 2025 17:19

Tgt Ion:	240	Resp:	105661
Ion Ratio	Lower	Upper	
240	100		
120	8.4	6.6	10.0
236	27.2	21.4	32.2





#78

Pyrene

Concen: 6.872 ng

RT: 12.839 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF144407.D

Acq: 02 Dec 2025 17:19

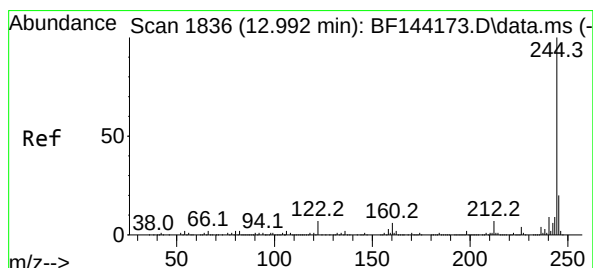
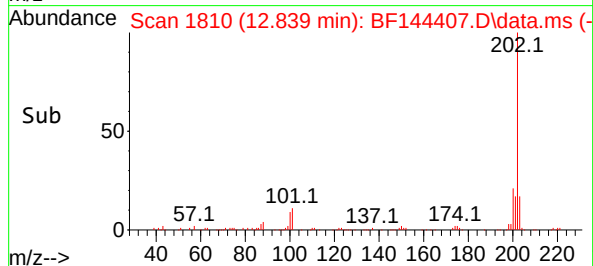
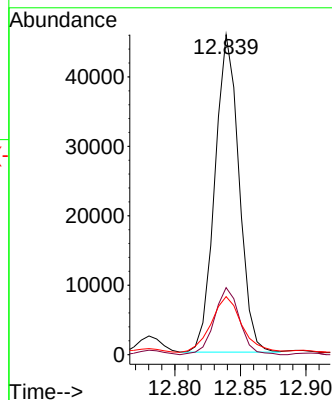
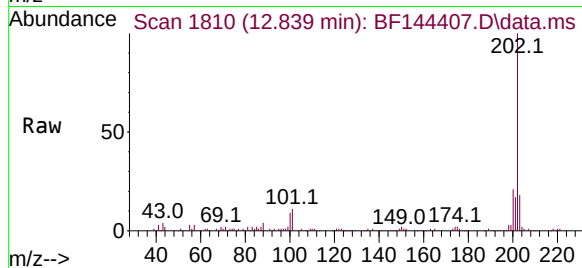
Instrument :

BNA_F

ClientSampleId :

SB-1125-24

Tgt Ion:	202	Resp:	5854
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.2	25.8
203	18.1	13.7	20.5

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

#79

Terphenyl-d14

Concen: 47.075 ng

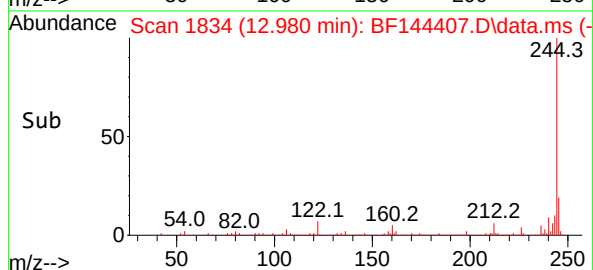
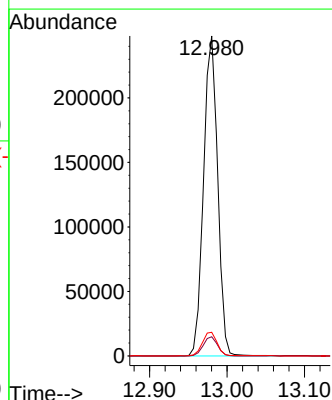
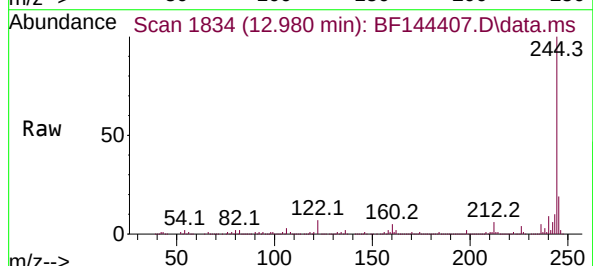
RT: 12.980 min Scan# 1834

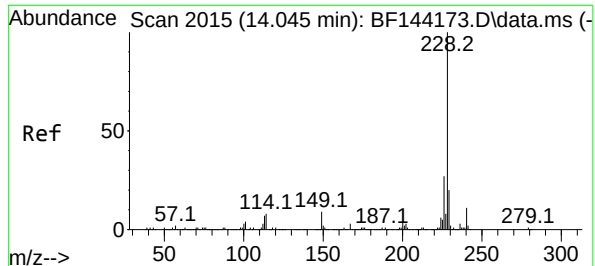
Delta R.T. -0.012 min

Lab File: BF144407.D

Acq: 02 Dec 2025 17:19

Tgt Ion:	244	Resp:	313147
Ion Ratio	Lower	Upper	
244	100		
212	6.0	5.3	7.9
122	7.4	5.6	8.4





#81

Benzo(a)anthracene

Concen: 7.932 ng m

RT: 14.033 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF144407.D

Acq: 02 Dec 2025 17:19

Instrument :

BNA_F

ClientSampleId :

SB-1125-24

Tgt Ion:228 Resp: 5808

Ion Ratio Lower Upper

228 100

226 36.5 21.8 32.8

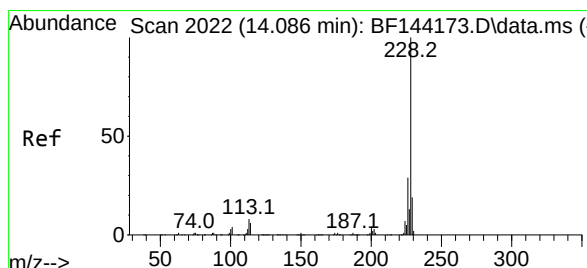
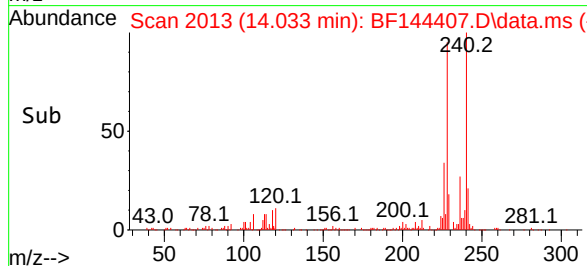
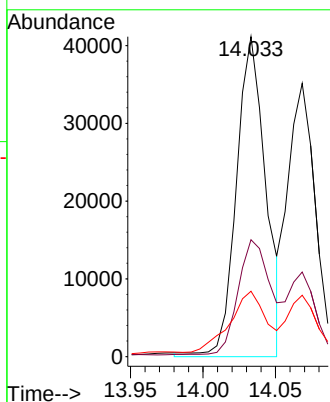
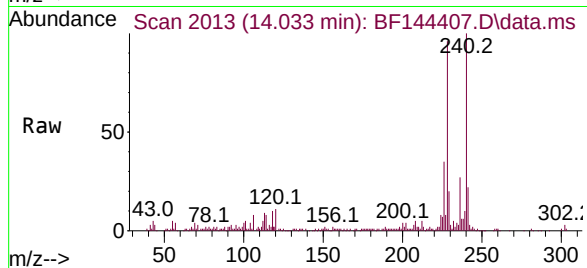
229 20.4 15.8 23.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#83

Chrysene

Concen: 6.777 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF144407.D

Acq: 02 Dec 2025 17:19

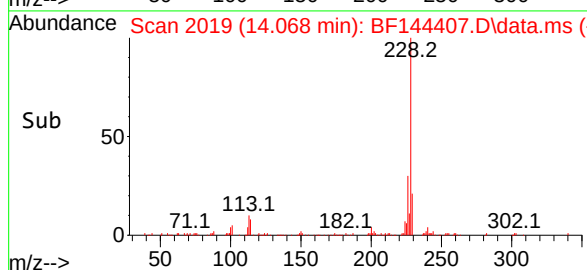
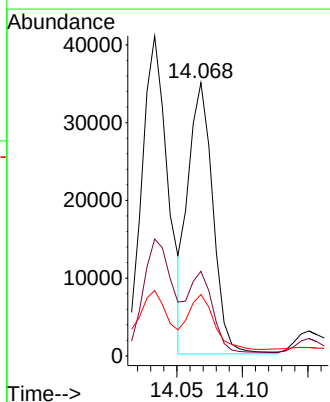
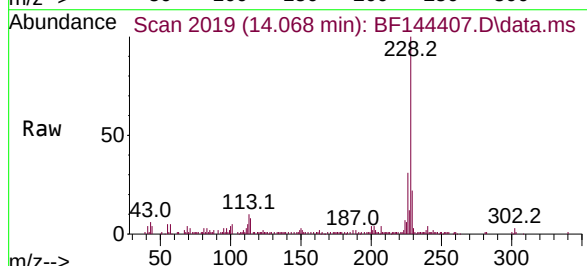
Tgt Ion:228 Resp: 45811

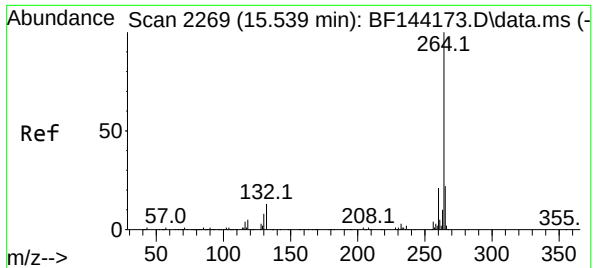
Ion Ratio Lower Upper

228 100

226 30.9 22.9 34.3

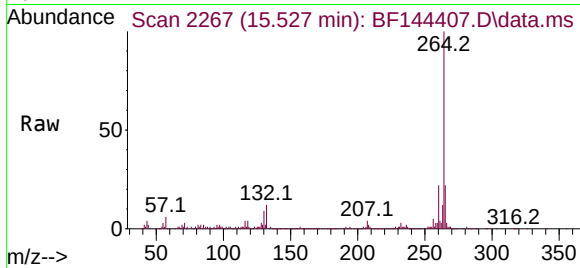
229 22.5 15.0 22.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144407.D
Acq: 02 Dec 2025 17:19

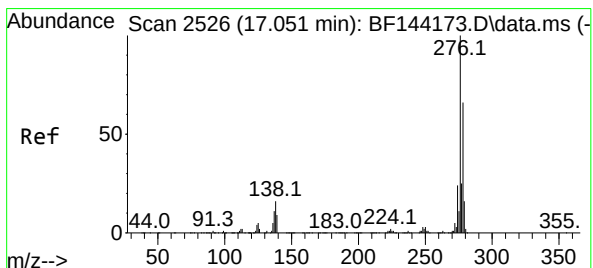
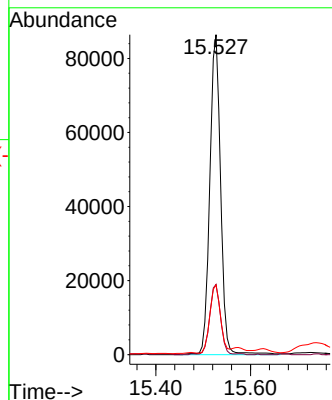
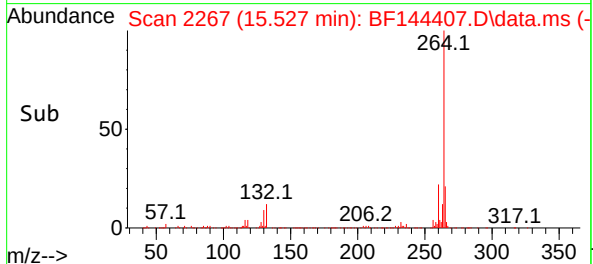
Instrument :
BNA_F
ClientSampleId :
SB-1125-24



Tgt Ion:264 Resp: 136950
Ion Ratio Lower Upper
264 100
260 21.9 17.1 25.7
265 21.8 17.4 26.0

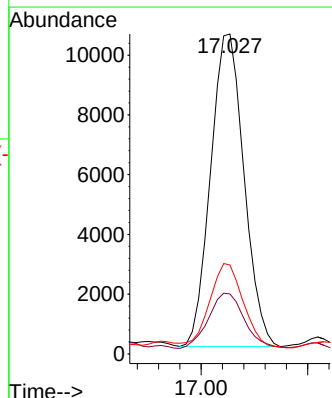
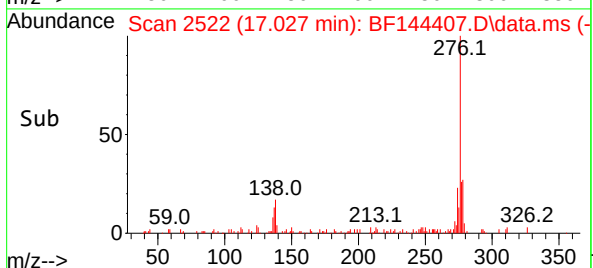
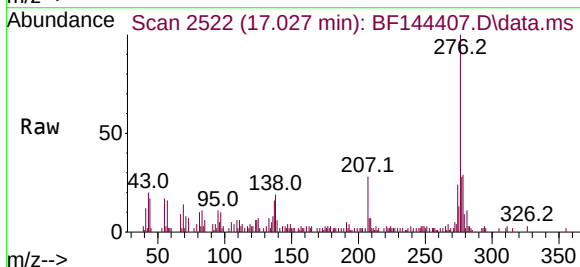
Manual Integrations
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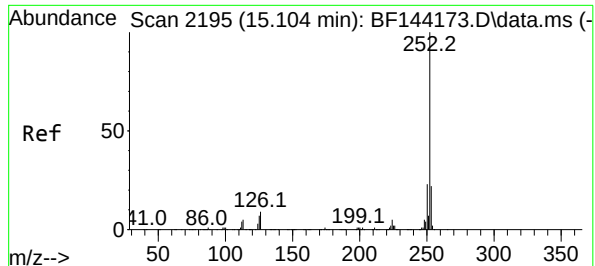
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.317 ng
RT: 17.027 min Scan# 2522
Delta R.T. -0.006 min
Lab File: BF144407.D
Acq: 02 Dec 2025 17:19

Tgt Ion:276 Resp: 22777
Ion Ratio Lower Upper
276 100
138 19.2 13.9 20.9
277 27.3 19.8 29.6





#88

Benzo(b)fluoranthene

Concen: 8.802 ng m

RT: 15.092 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144407.D

Acq: 02 Dec 2025 17:19

Instrument :

BNA_F

ClientSampleId :

SB-1125-24

Tgt Ion:252 Resp: 68533

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

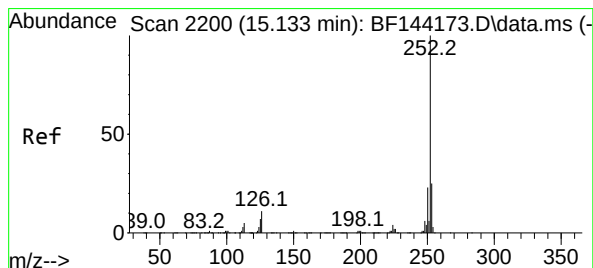
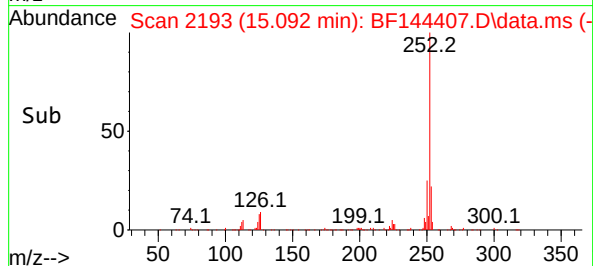
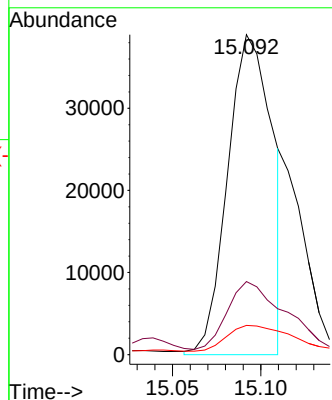
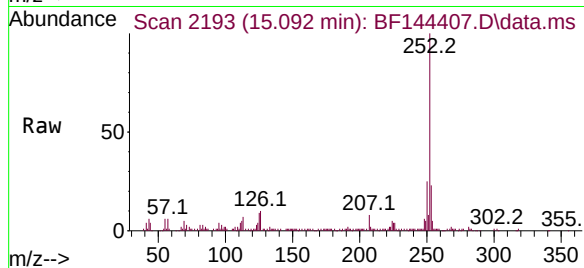
125 9.2 5.3 7.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#89

Benzo(k)fluoranthene

Concen: 2.826 ng m

RT: 15.109 min Scan# 2196

Delta R.T. -0.018 min

Lab File: BF144407.D

Acq: 02 Dec 2025 17:19

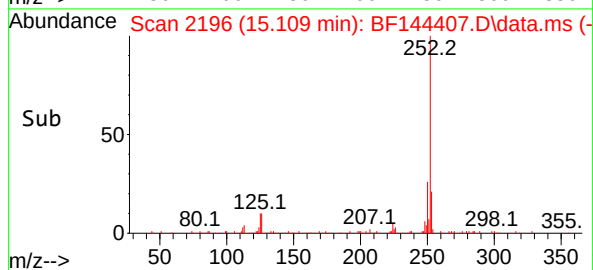
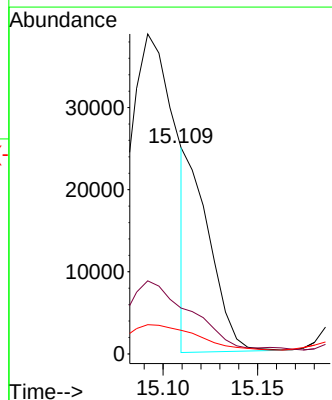
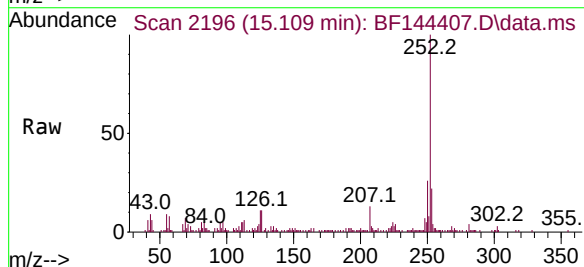
Tgt Ion:252 Resp: 20595

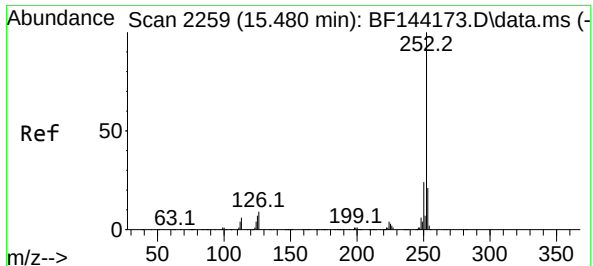
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 11.5 5.4 8.2





#90

Benzo(a)pyrene

Concen: 7.749 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144407.D

Acq: 02 Dec 2025 17:19

Instrument :

BNA_F

ClientSampleId :

SB-1125-24

Tgt Ion:252 Resp: 55659

Ion Ratio Lower Upper

252 100

253 22.0 16.7 25.1

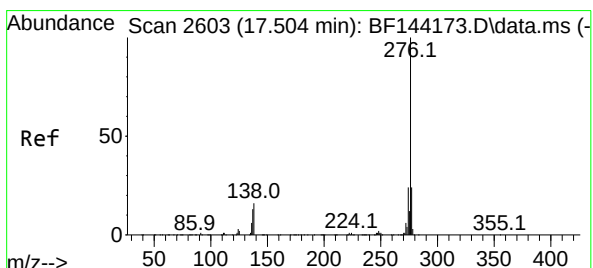
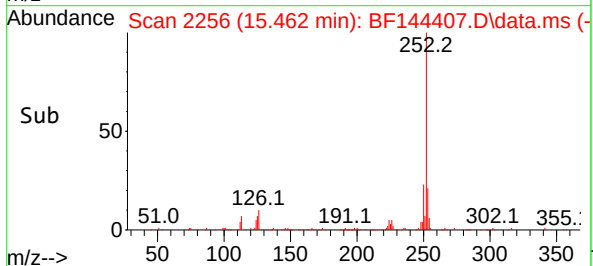
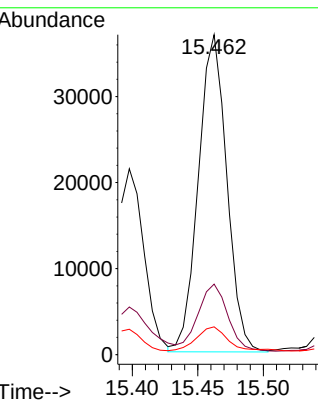
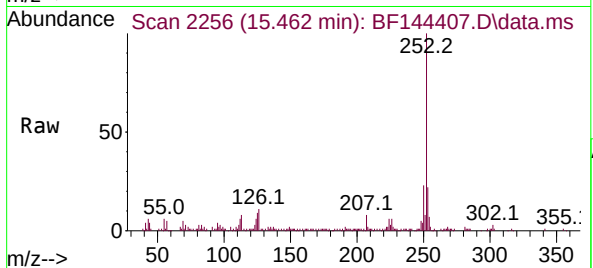
125 8.7 5.7 8.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#92

Benzo(g,h,i)perylene

Concen: 2.604 ng

RT: 17.480 min Scan# 2599

Delta R.T. -0.012 min

Lab File: BF144407.D

Acq: 02 Dec 2025 17:19

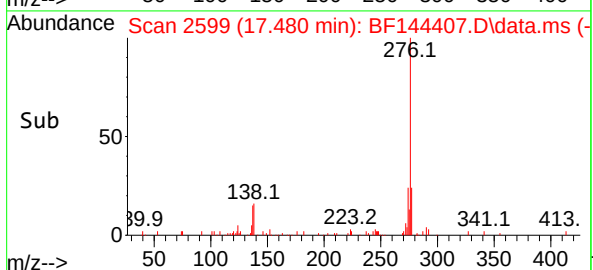
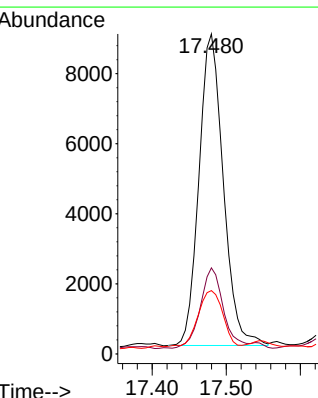
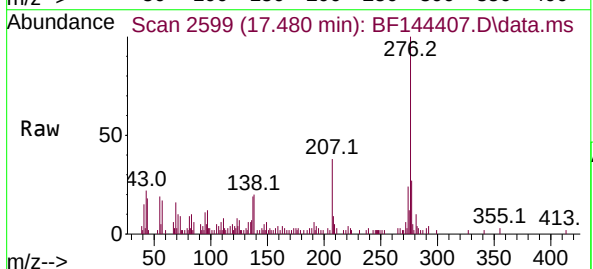
Tgt Ion:276 Resp: 20302

Ion Ratio Lower Upper

276 100

277 26.9 19.0 28.4

138 19.8 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144407.D
Acq On : 02 Dec 2025 17:19
Operator : RC/JU
Sample : Q3742-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-24

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: BF144407.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.928	288	295	307	rVB	20234	35329	3.85%	0.340%
2	5.075	482	490	499	rBV	175613	259852	28.30%	2.497%
3	5.487	555	560	583	rVB	565125	782982	85.27%	7.524%
4	6.492	726	731	756	rBV	575195	819812	89.29%	7.878%
5	6.863	789	794	800	rBV	181562	230901	25.15%	2.219%
6	7.422	884	889	900	rBV	386126	504737	54.97%	4.850%
7	8.145	1005	1012	1024	rVB	228352	316423	34.46%	3.041%
8	8.369	1041	1050	1056	rBV3	6182	12197	1.33%	0.117%
9	9.216	1189	1194	1203	rBV	717905	918185	100.00%	8.824%
10	9.763	1283	1287	1293	rBV	7783	9774	1.06%	0.094%
11	9.898	1305	1310	1319	rVB	245700	313017	34.09%	3.008%
12	10.451	1394	1404	1409	rBV2	5823	10548	1.15%	0.101%
13	10.616	1426	1432	1440	rBV	85530	111810	12.18%	1.074%
14	10.692	1440	1445	1456	rVV	385467	507249	55.24%	4.875%
15	10.804	1460	1464	1474	rVB5	7302	14464	1.58%	0.139%
16	10.922	1481	1484	1491	rVB	17627	23204	2.53%	0.223%
17	11.392	1559	1564	1574	rVV2	214800	327834	35.70%	3.150%
18	11.469	1574	1577	1580	rVV	14246	15246	1.66%	0.147%
19	11.627	1598	1604	1610	rBV7	7087	21603	2.35%	0.208%
20	11.845	1637	1641	1644	rBV5	7845	13537	1.47%	0.130%
21	11.916	1644	1653	1659	rVV2	136296	229170	24.96%	2.202%
22	11.974	1660	1663	1665	rVV	12405	16838	1.83%	0.162%
23	12.010	1665	1669	1678	rVB2	23023	51944	5.66%	0.499%
24	12.086	1678	1682	1687	rBV7	11790	21078	2.30%	0.203%
25	12.169	1692	1696	1703	rVB4	18699	35424	3.86%	0.340%
26	12.245	1703	1709	1716	rVB6	16115	28430	3.10%	0.273%
27	12.333	1719	1724	1728	rBV2	27699	40584	4.42%	0.390%
28	12.445	1740	1743	1746	rVV	11899	17477	1.90%	0.168%
29	12.486	1746	1750	1756	rVB6	18074	39786	4.33%	0.382%
30	12.610	1766	1771	1774	rBV	109827	143012	15.58%	1.374%
31	12.645	1774	1777	1783	rVV	39287	51406	5.60%	0.494%
32	12.704	1783	1787	1793	rVV2	37695	57091	6.22%	0.549%
33	12.839	1804	1810	1816	rBV	99298	153700	16.74%	1.477%
34	12.892	1817	1819	1825	rVB3	11666	15848	1.73%	0.152%
35	12.980	1826	1834	1842	rBV	596467	788846	85.91%	7.581%
36	13.057	1843	1847	1852	rBV4	16475	32346	3.52%	0.311%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144407.D
Acq On : 02 Dec 2025 17:19
Operator : RC/JU
Sample : Q3742-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-24

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.116	1853	1857	1861	rVV	46571	58667	6.39%	0.564%
38	13.168	1863	1866	1869	rVB	24451	28860	3.14%	0.277%
39	13.233	1874	1877	1880	rVV	27818	37810	4.12%	0.363%
40	13.274	1880	1884	1890	rVB4	27056	50132	5.46%	0.482%
41	13.363	1897	1899	1902	rBV	9123	10943	1.19%	0.105%
42	13.398	1902	1905	1909	rVB3	13308	15797	1.72%	0.152%
43	13.551	1923	1931	1932	rBV5	29582	60589	6.60%	0.582%
44	13.833	1975	1979	1981	rBV2	22865	38062	4.15%	0.366%
45	13.874	1982	1986	1995	rVB3	94925	172691	18.81%	1.660%
46	14.039	2009	2014	2028	rVB2	278186	548589	59.75%	5.272%
47	14.192	2037	2040	2046	rVB3	23963	32582	3.55%	0.313%
48	14.515	2089	2095	2100	rBV4	68777	150754	16.42%	1.449%
49	15.092	2188	2193	2200	rBV	92229	222613	24.24%	2.139%
50	15.398	2241	2245	2251	rVB	48580	78022	8.50%	0.750%
51	15.462	2251	2256	2261	rVV	87561	132840	14.47%	1.277%
52	15.527	2261	2267	2280	rVB	216710	395022	43.02%	3.796%
53	15.786	2308	2311	2320	rVB	47245	81228	8.85%	0.781%
54	17.027	2517	2522	2530	rBV2	34487	75242	8.19%	0.723%
55	17.603	2614	2620	2628	rBV9	34398	109208	11.89%	1.049%
56	18.168	2708	2716	2726	rVB3	110341	305385	33.26%	2.935%
57	18.427	2749	2760	2779	rBV2	235158	829199	90.31%	7.969%

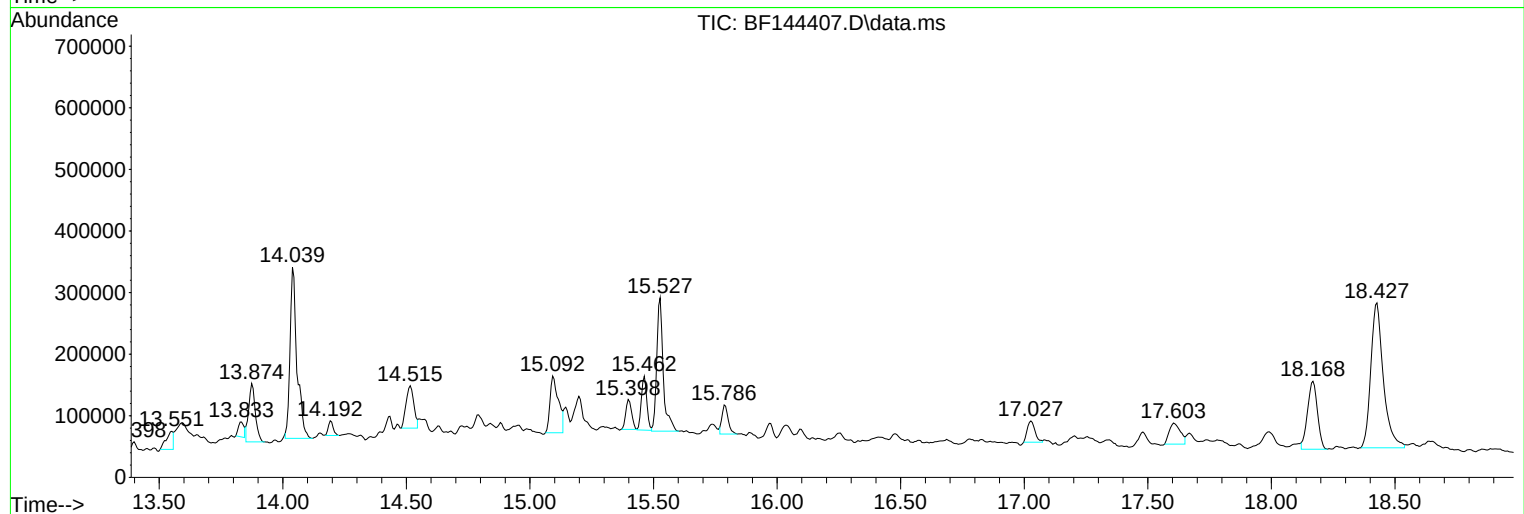
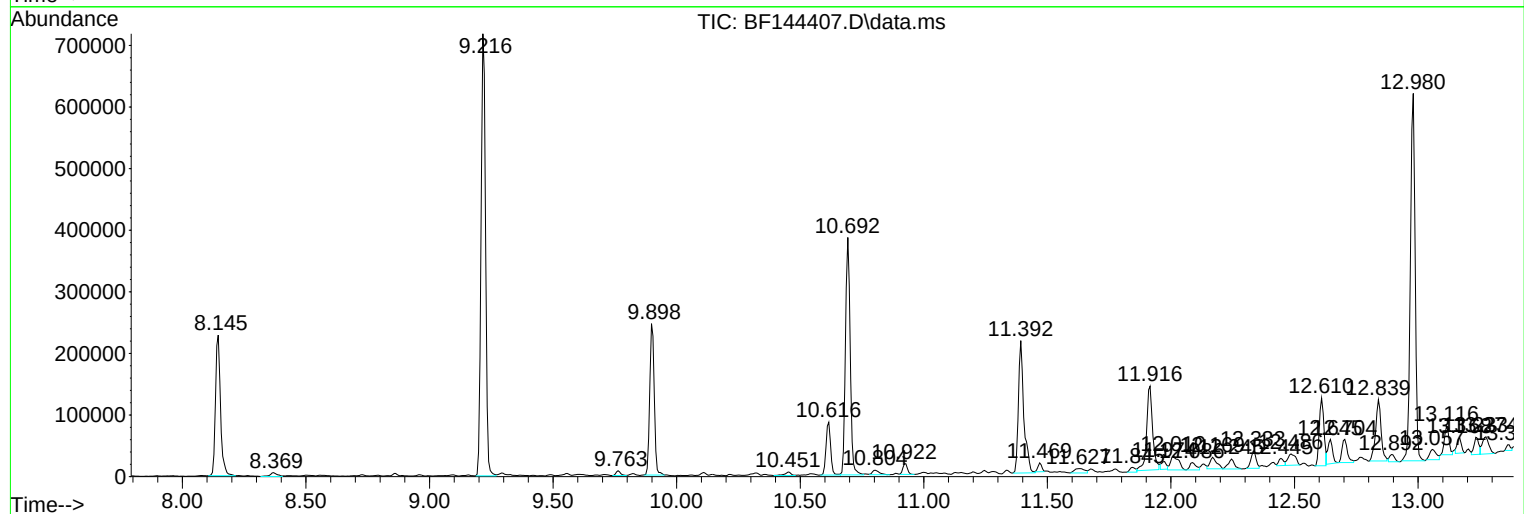
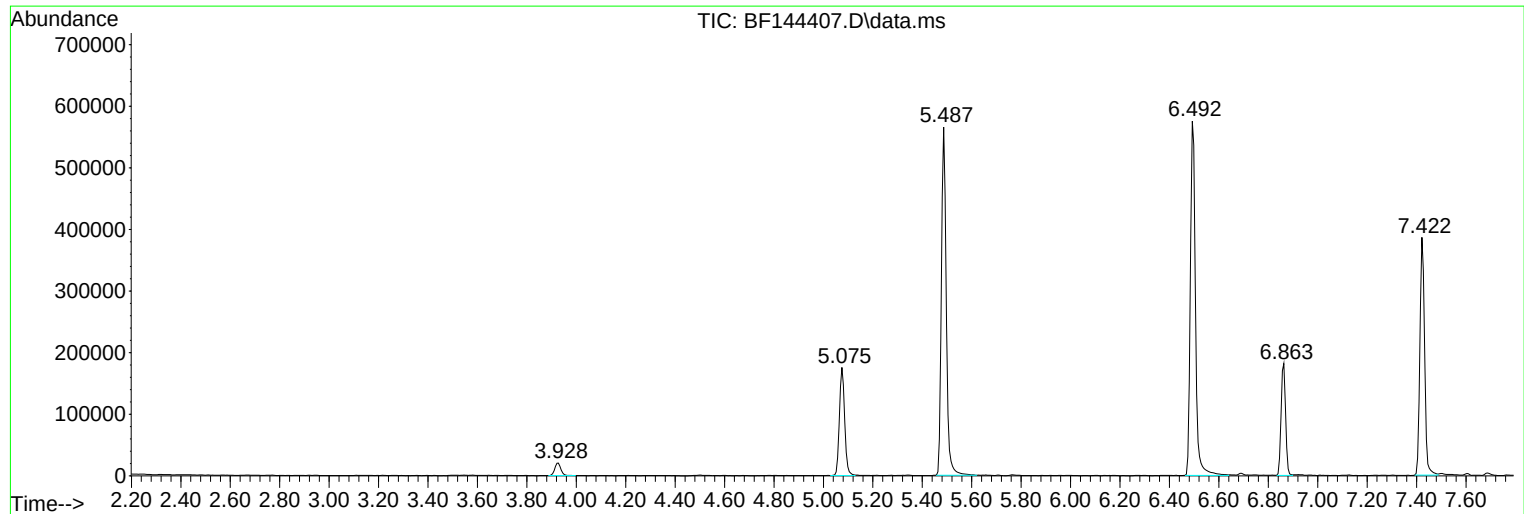
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144407.D
Acq On : 02 Dec 2025 17:19
Operator : RC/JU
Sample : Q3742-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-24

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144407.D
Acq On : 02 Dec 2025 17:19
Operator : RC/JU
Sample : Q3742-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-24

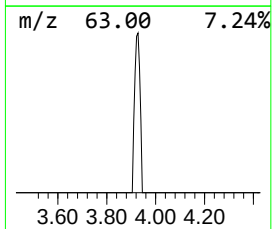
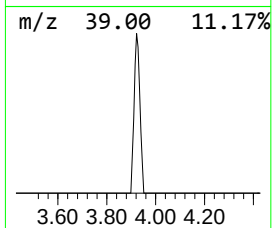
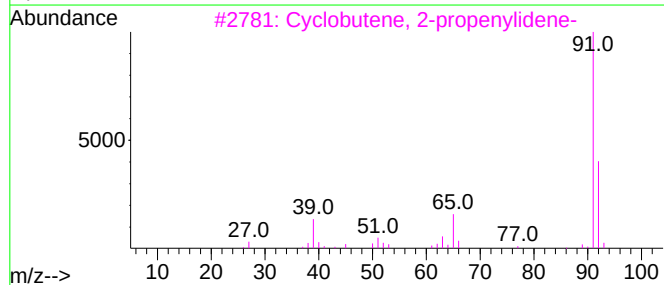
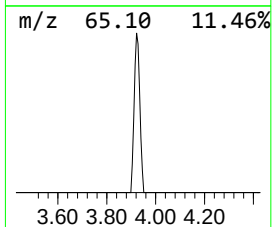
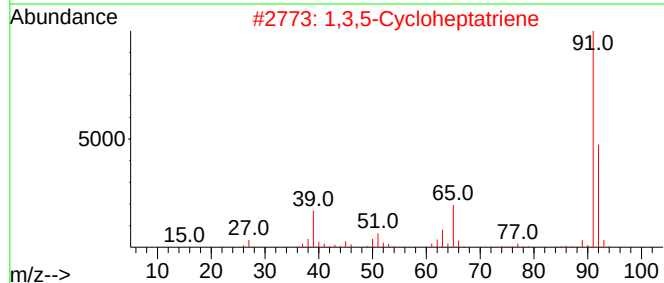
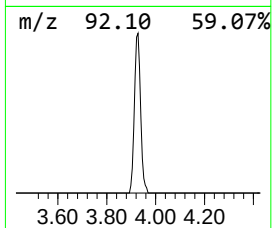
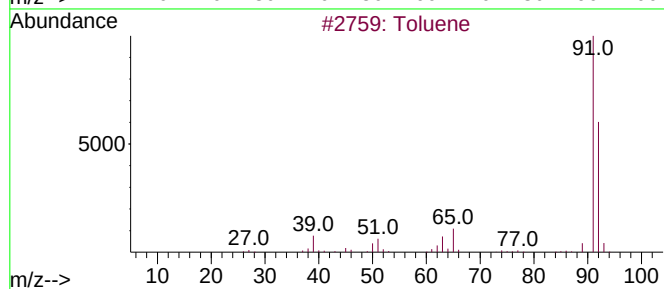
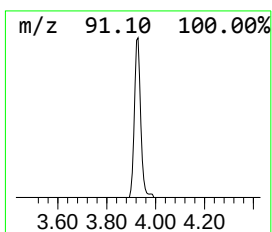
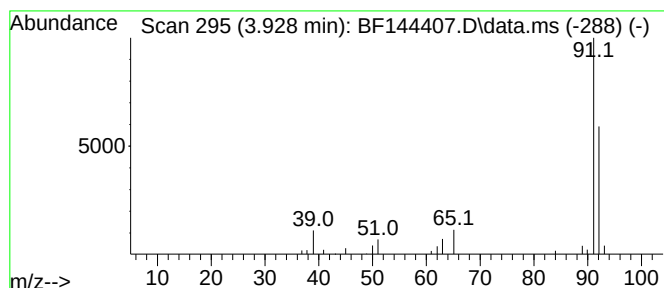
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.928	3.06 ng	35329	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Toluene	92	C7H8	000108-88-3	91
2			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
3			Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	80
4			1,5-Heptadien-3-yne	92	C7H8	003511-27-1	72
5			Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144407.D
Acq On : 02 Dec 2025 17:19
Operator : RC/JU
Sample : Q3742-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

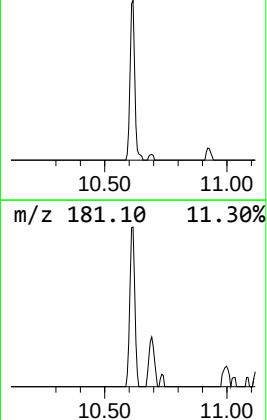
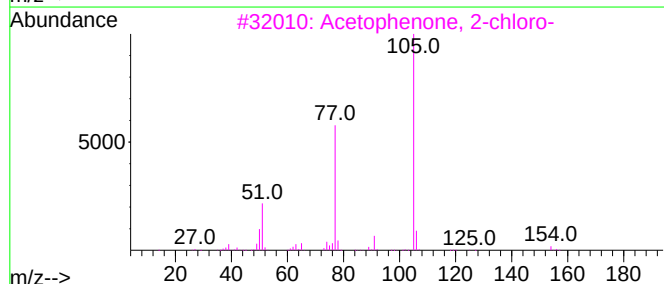
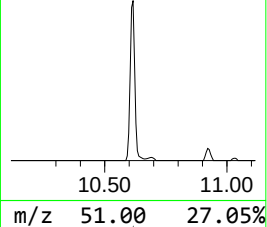
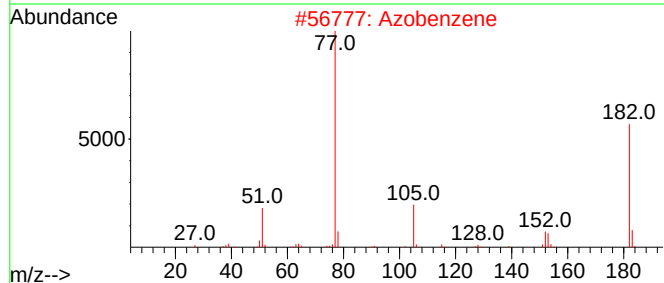
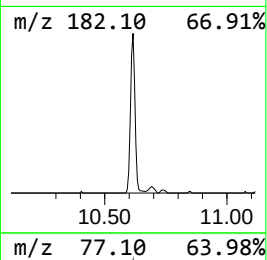
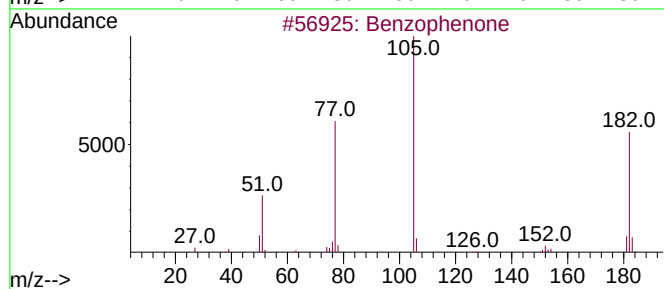
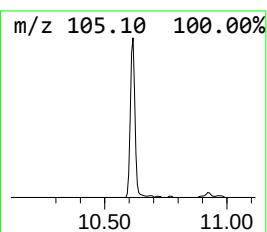
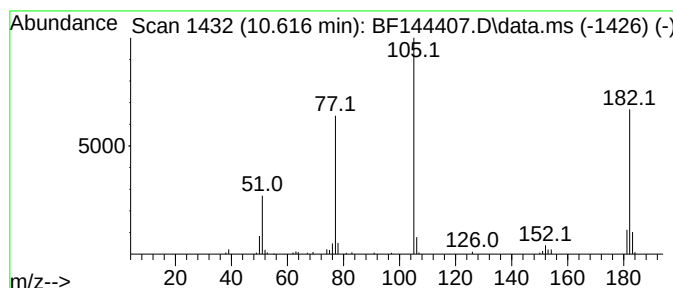
Instrument :
BNA_F
ClientSampleId :
SB-1125-24

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

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

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.616	7.14 ng	111810	Acenaphthene-d10			9.898
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	95
2	Azobenzene		182	C12H10N2	000103-33-3	47
3	Acetophenone, 2-chloro-		154	C8H7ClO	000532-27-4	46
4	N-Methoxy-N-methylbenzamide		165	C9H11NO2	006919-61-5	43
5	Benzilamide		227	C14H13NO2	004746-87-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144407.D
Acq On : 02 Dec 2025 17:19
Operator : RC/JU
Sample : Q3742-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

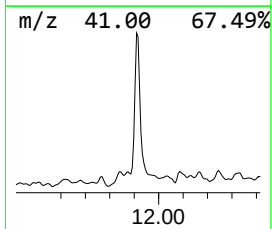
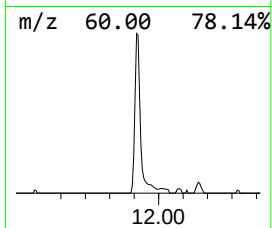
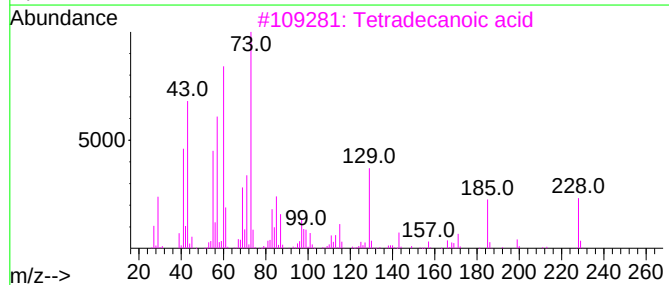
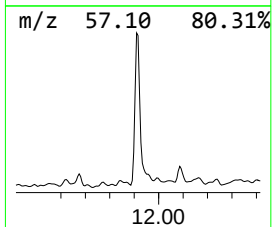
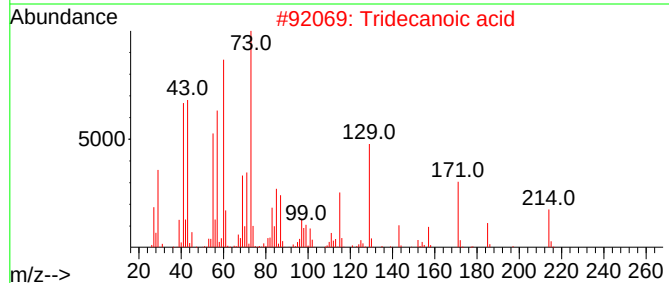
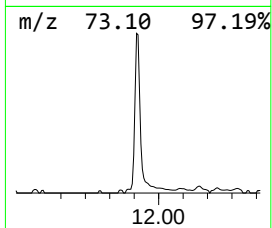
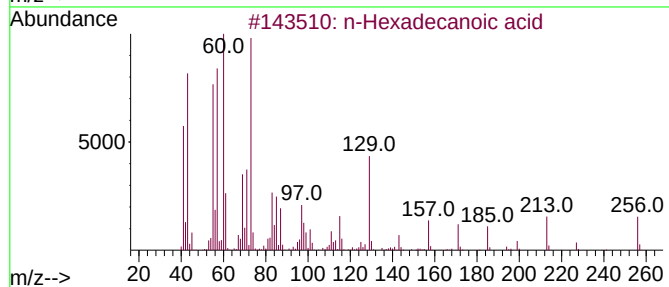
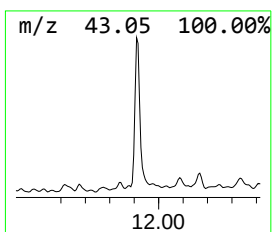
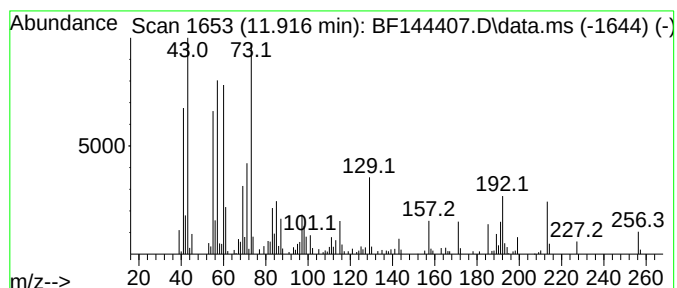
Instrument :
BNA_F
ClientSampleId :
SB-1125-24

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

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.916	13.98 ng	229170	Phenanthrene-d10	11.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Nonanoic acid	158	C9H18O2	000112-05-0	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144407.D
Acq On : 02 Dec 2025 17:19
Operator : RC/JU
Sample : Q3742-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

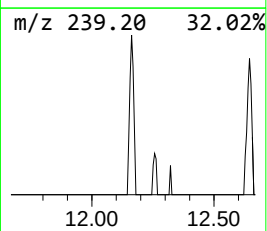
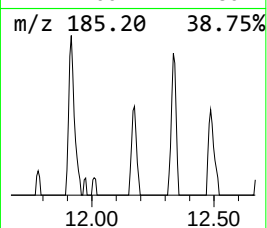
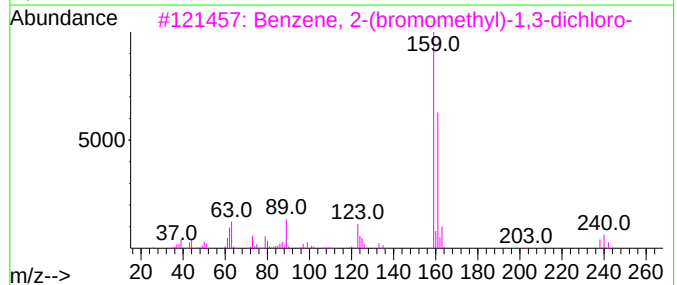
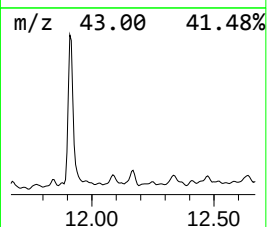
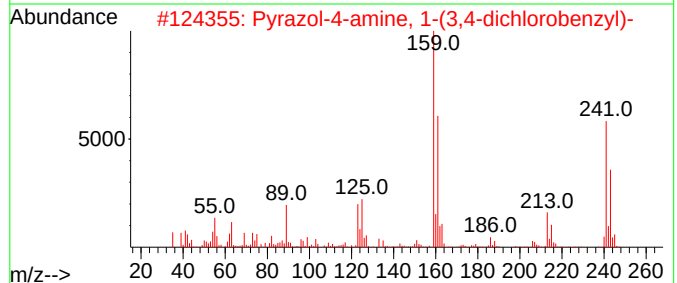
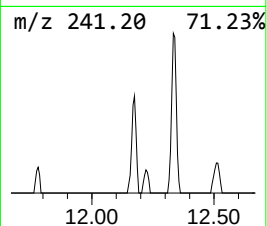
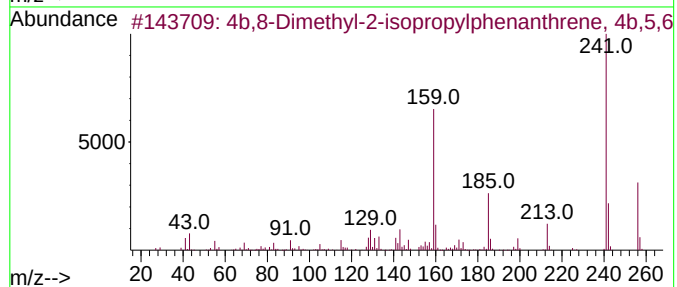
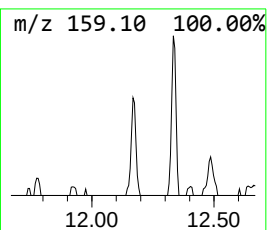
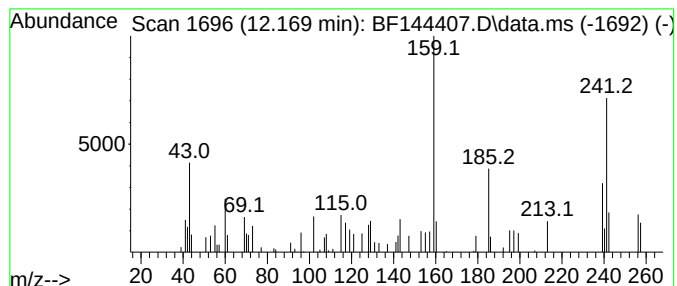
Instrument :
BNA_F
ClientSampleId :
SB-1125-24

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

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

Peak Number 6 4b,8-Dimethyl-2-isopropylph... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.169	2.16 ng	35424	Phenanthrene-d10		11.392	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	95
2		Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	46
3		Benzene, 2-(bromomethyl)-1,3-dic...	238	C7H5BrCl2	020443-98-5	22
4		1,2-hydrazinededicarbothioamide, 1...	192	C5H12N4S2	1010395-98-1	22
5		3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1010212-95-2	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144407.D
Acq On : 02 Dec 2025 17:19
Operator : RC/JU
Sample : Q3742-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

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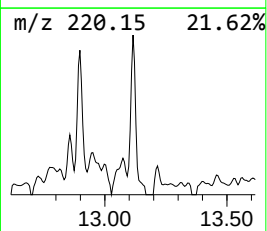
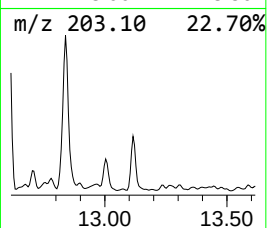
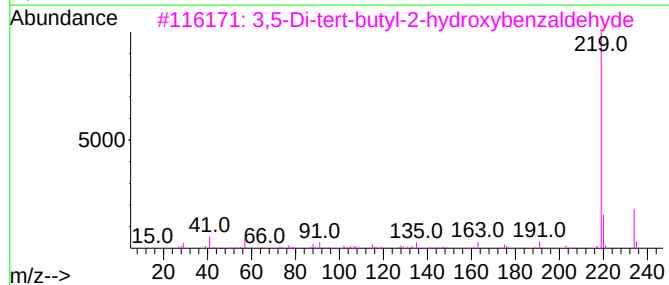
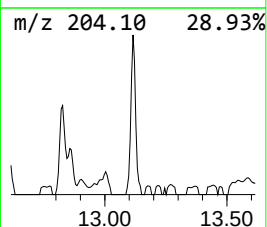
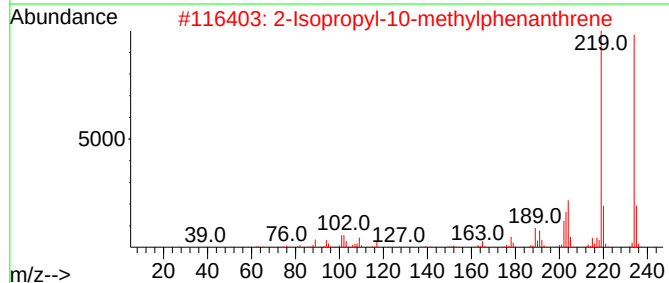
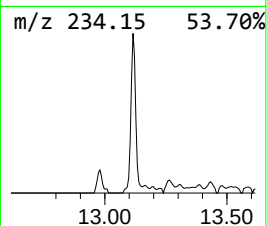
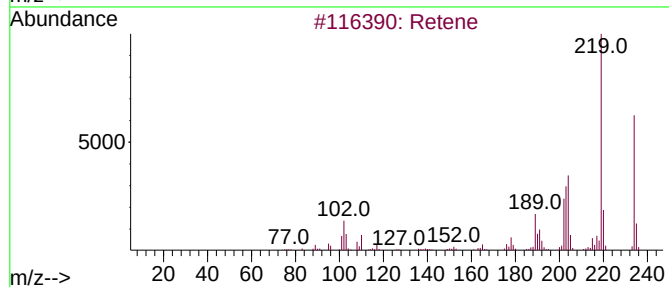
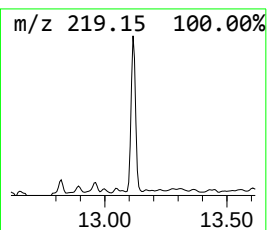
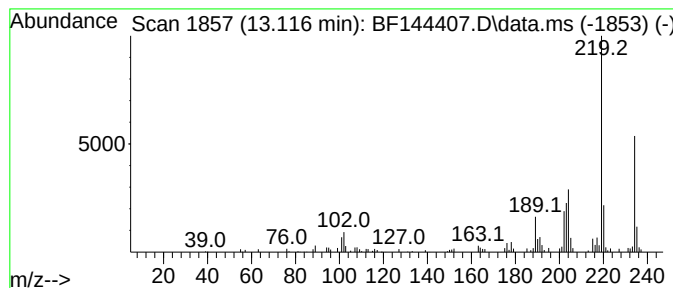
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Retene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.116	2.14 ng	58667	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Retene	234	C18H18	000483-65-8	98
2			2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3			3,5-Di-tert-butyl-2-hydroxybenza...	234	C15H22O2	037942-07-7	52
4			Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	52
5			2-[[1-(4-Methylphenyl)ethylidene...	234	C16H14N2	1000326-46-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
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ClientSampleId :
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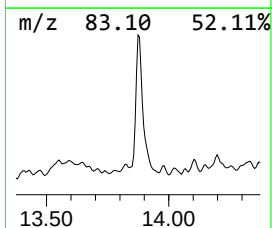
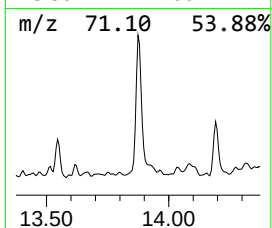
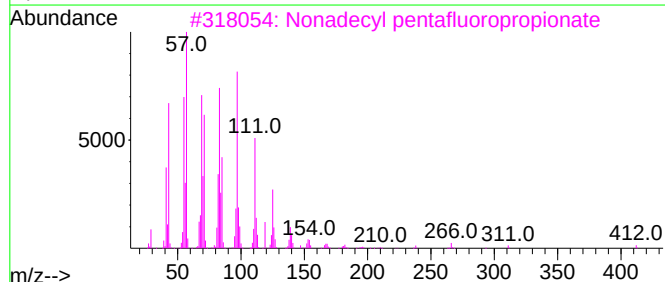
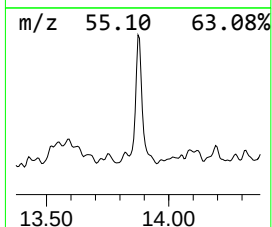
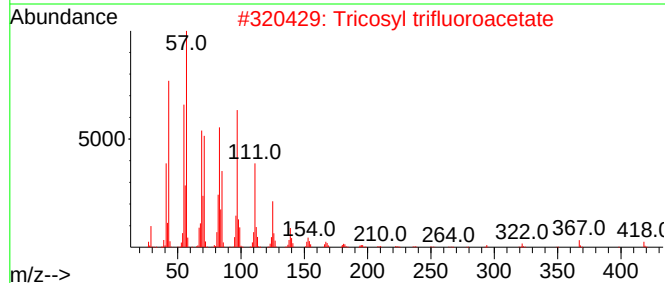
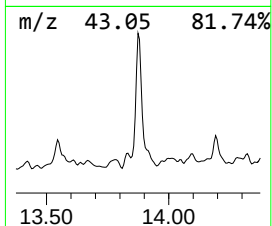
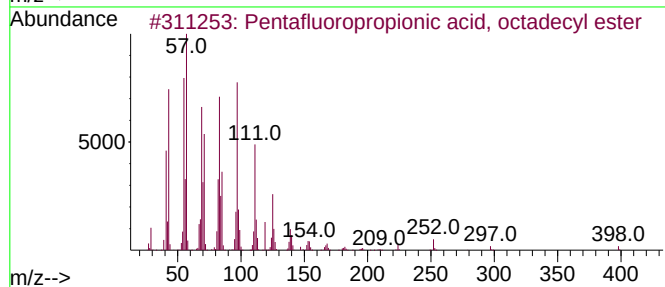
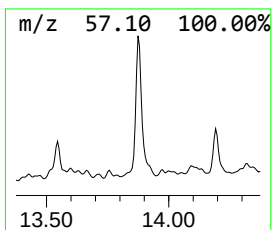
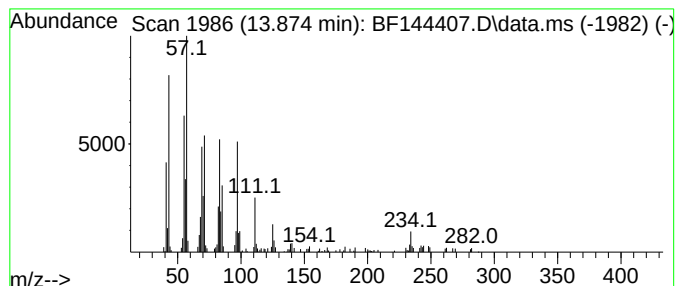
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentafluoropropionic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	6.30 ng	172691	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	87
2			Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	87
3			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87
4			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	87
5			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144407.D
Acq On : 02 Dec 2025 17:19
Operator : RC/JU
Sample : Q3742-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

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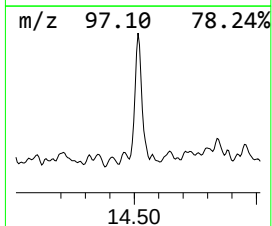
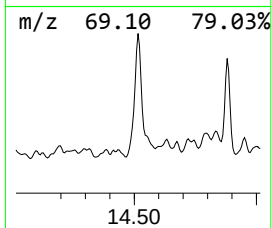
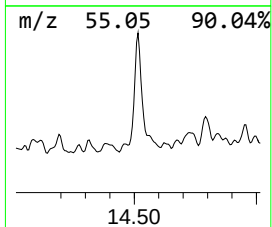
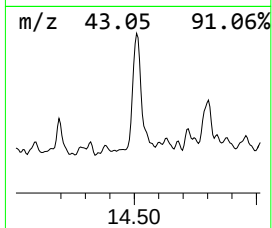
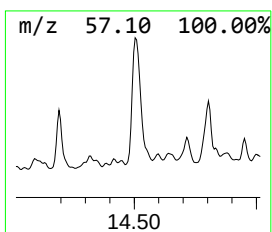
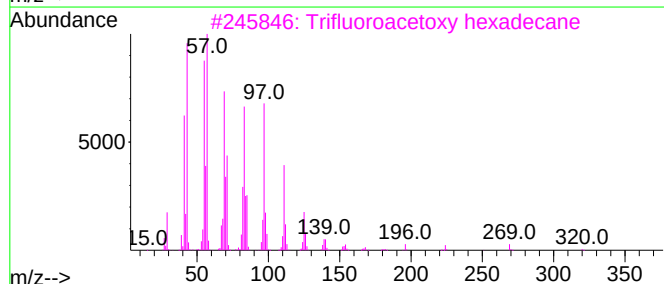
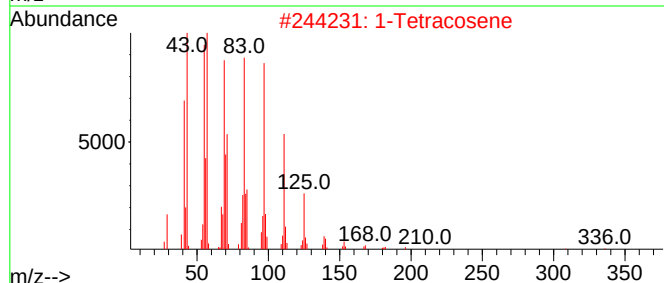
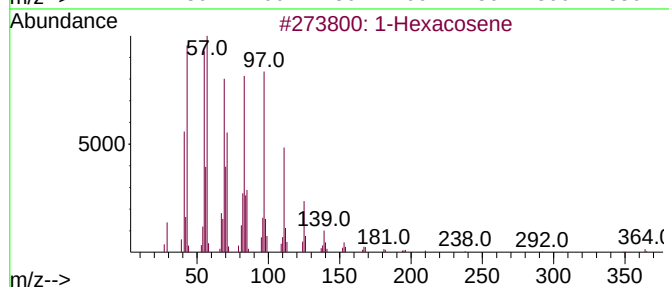
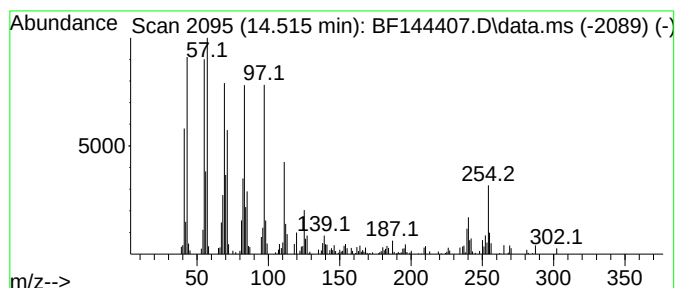
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Hexacosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.515	5.50 ng	150754	Chrysene-d12	14.045

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene		364	C26H52	018835-33-1	93
2	1-Tetracosene		336	C24H48	010192-32-2	93
3	Trifluoroacetoxy hexadecane		338	C18H33F3O2	006222-03-3	91
4	E-15-Heptadecenal		252	C17H32O	1000130-97-9	91
5	1-Heneicosanol		312	C21H44O	015594-90-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144407.D
Acq On : 02 Dec 2025 17:19
Operator : RC/JU
Sample : Q3742-18
Misc :
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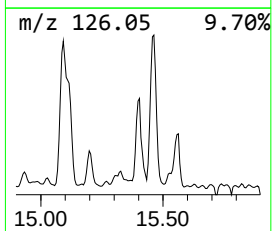
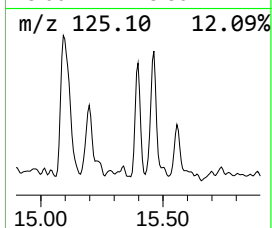
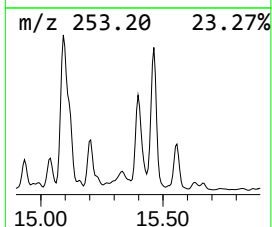
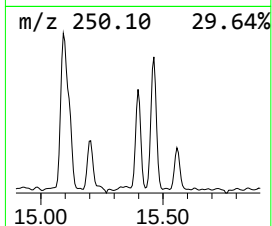
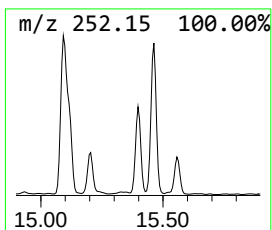
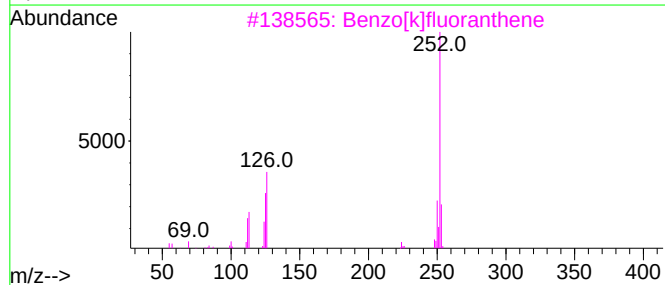
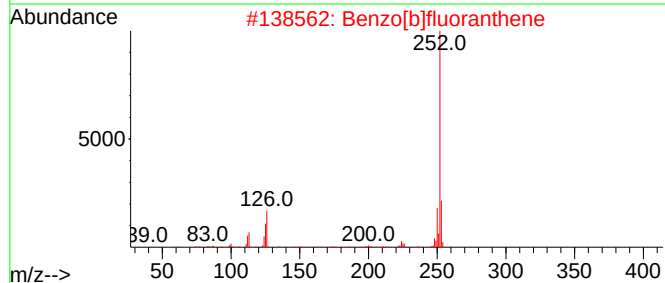
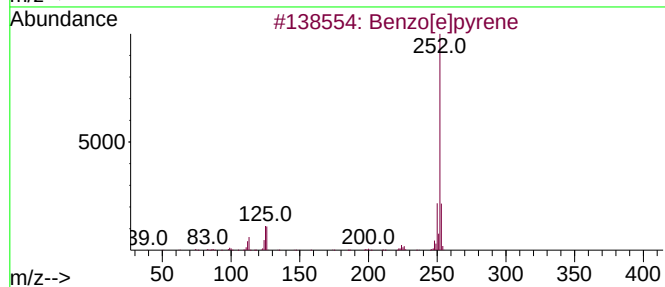
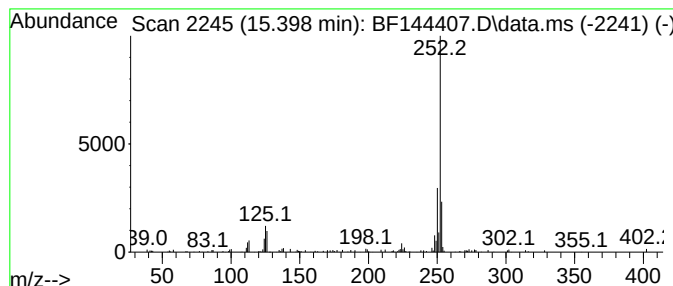
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	3.95 ng	78022	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4			Benzo[a]pyrene	252	C20H12	000050-32-8	90
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144407.D
Acq On : 02 Dec 2025 17:19
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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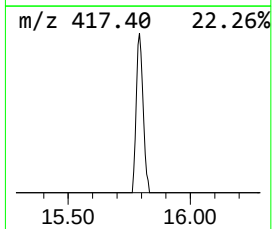
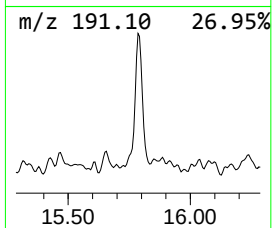
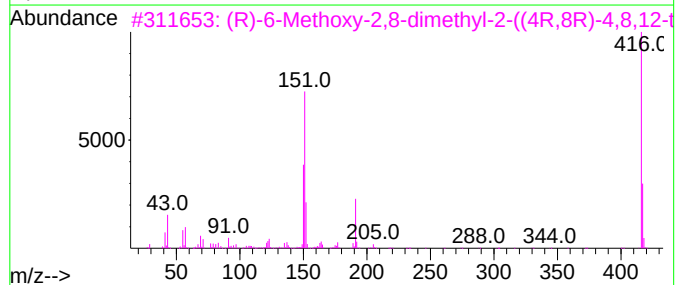
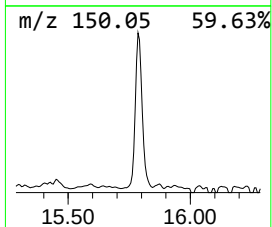
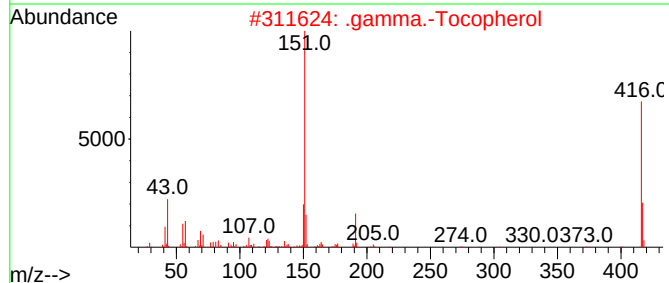
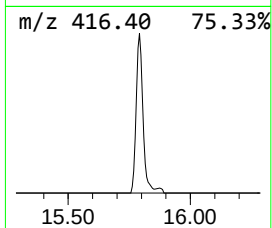
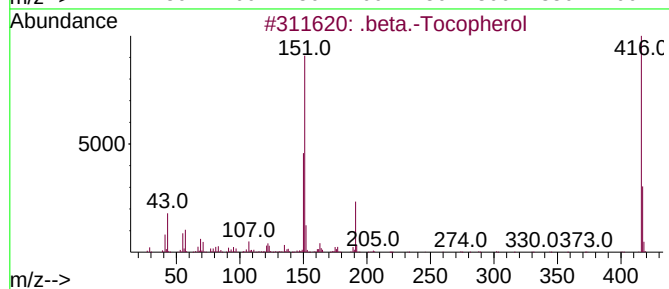
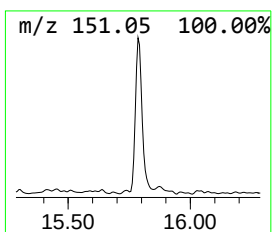
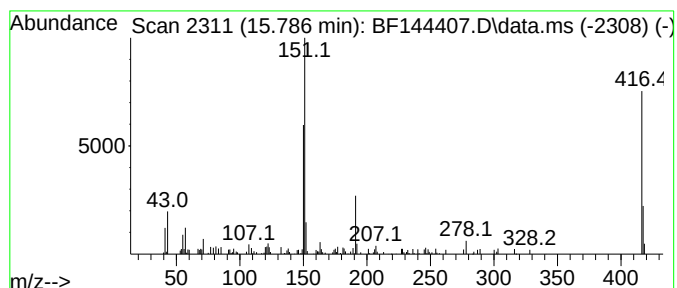
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 .beta.-Tocopherol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.786	4.11 ng	81228	Perylene-d12	15.527

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Tocopherol	416	C28H48O2	000148-03-8	96
2		.gamma.-Tocopherol	416	C28H48O2	007616-22-0	93
3		(R)-6-Methoxy-2,8-dimethyl-2-((4...	416	C28H48O2	1116113-36-0	86
4		3,4-Dihydro-3,5,8-trimethyl-3-(4...	458	C30H50O3	1000105-71-9	64
5		N,N'-Bis(3-methoxyfluoren-9-ylid...	416	C28H20N2O2	1000210-76-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
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Acq On : 02 Dec 2025 17:19
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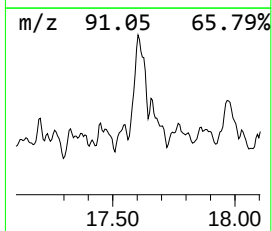
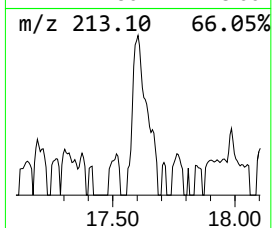
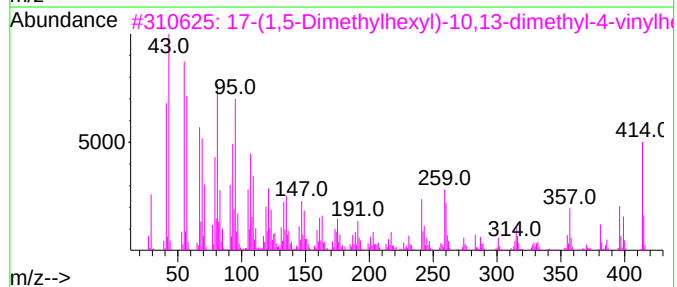
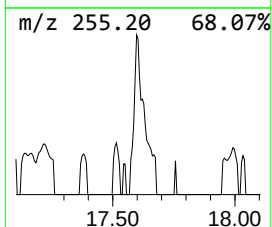
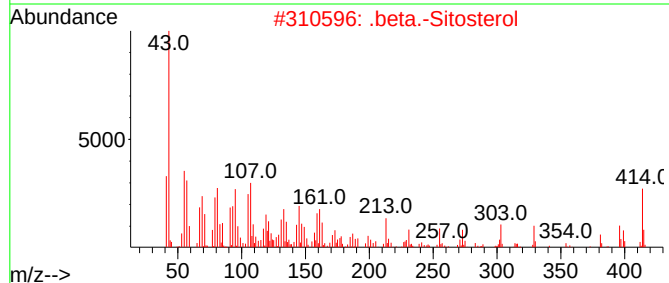
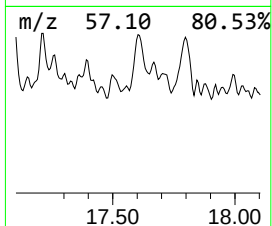
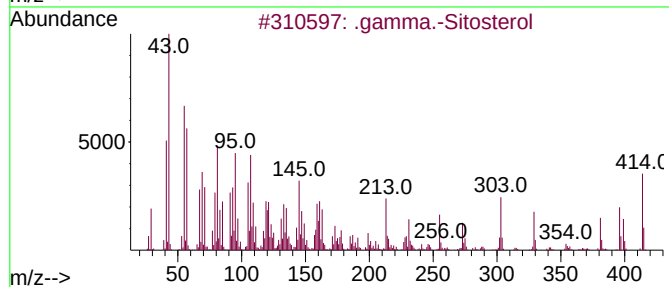
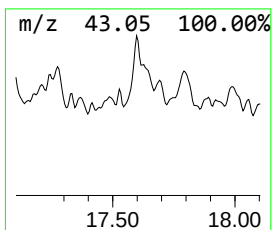
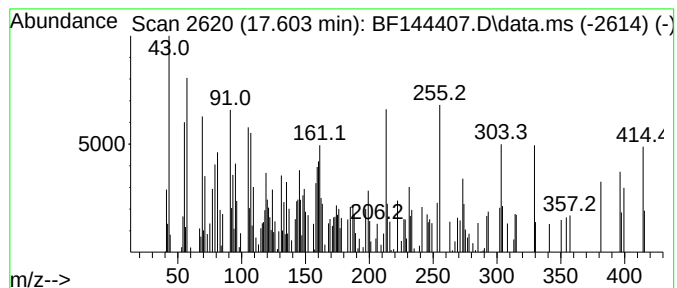
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 .gamma.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.604	5.53 ng	109208	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Sitosterol	414	C29H50O	000083-47-6	86
2			.beta.-Sitosterol	414	C29H50O	000083-46-5	64
3			17-(1,5-Dimethylhexyl)-10,13-dimethyl-4-vinyl-20H-steroid	414	C29H50O	1000210-86-9	30
4			Cholest-7-en-3-ol, 4,4-dimethyl-19-nor-	414	C29H50O	006384-28-7	22
5			Stigmastan-7-one	414	C29H50O	055331-88-9	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
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ALS Vial : 11 Sample Multiplier: 1

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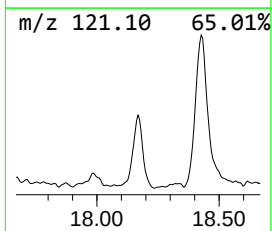
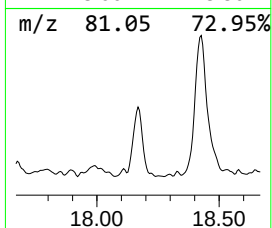
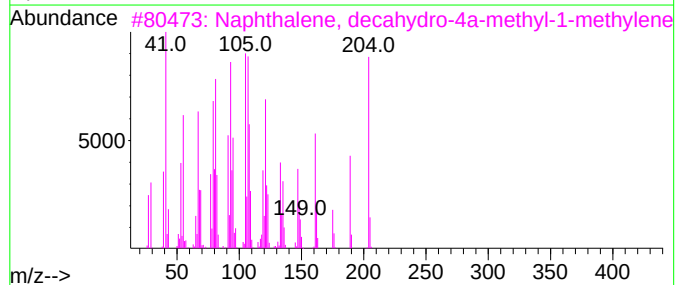
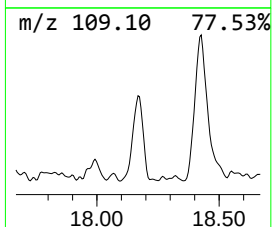
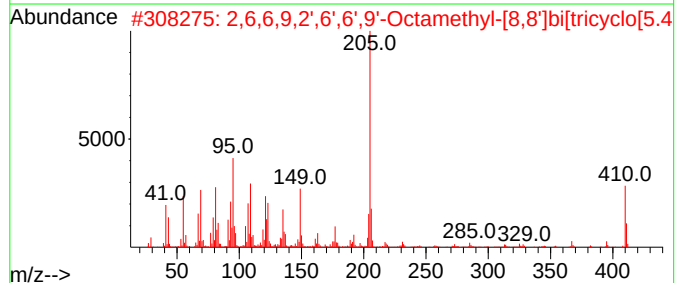
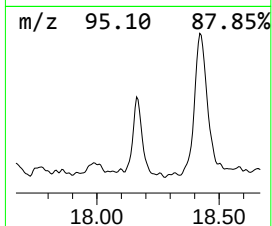
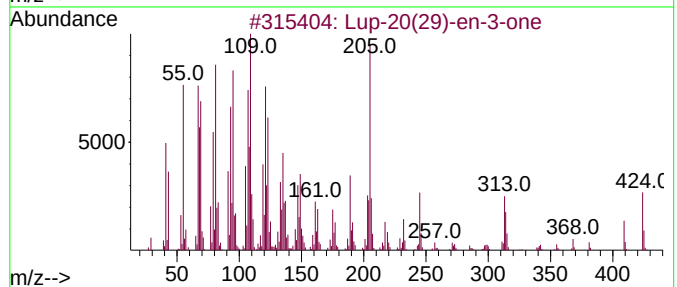
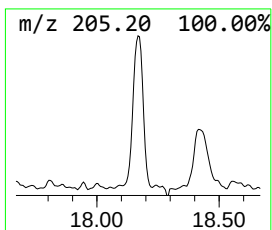
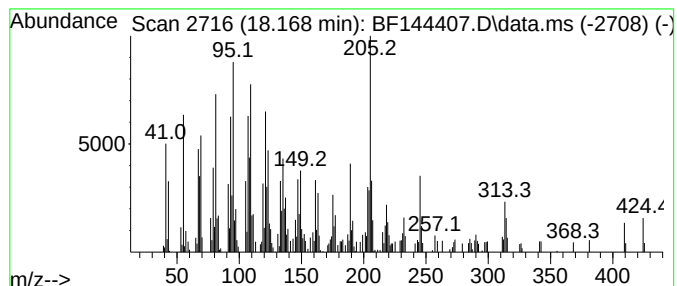
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Lup-20(29)-en-3-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	15.46 ng	305385	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	99
2			2,6,6,9,2',6',6',9'-Octamethyl-[...]	410	C30H50	1000189-48-2	70
3			Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	46
4			1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	46
5			(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144407.D
Acq On : 02 Dec 2025 17:19
Operator : RC/JU
Sample : Q3742-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

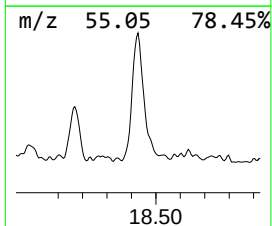
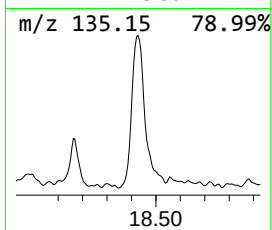
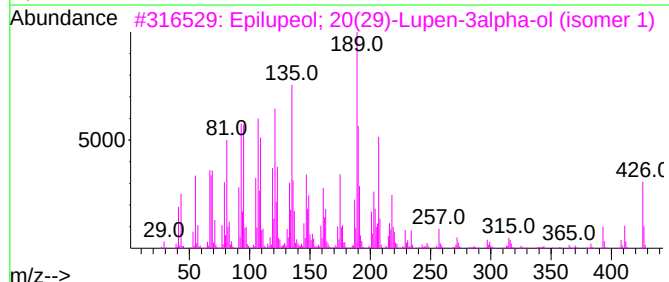
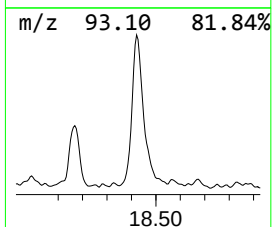
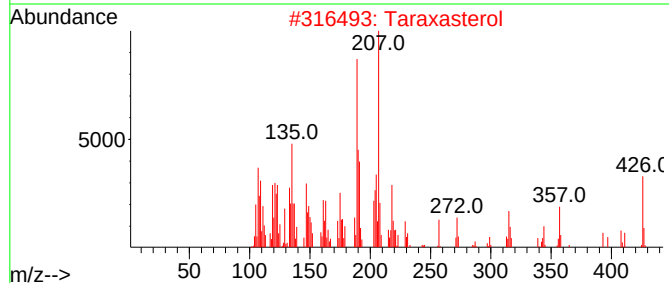
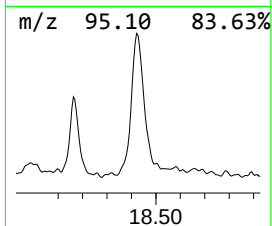
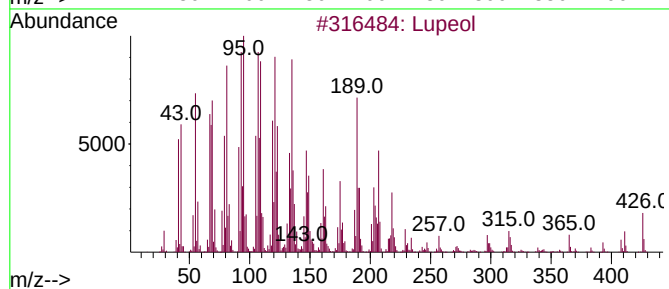
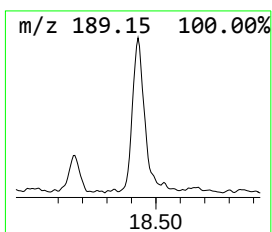
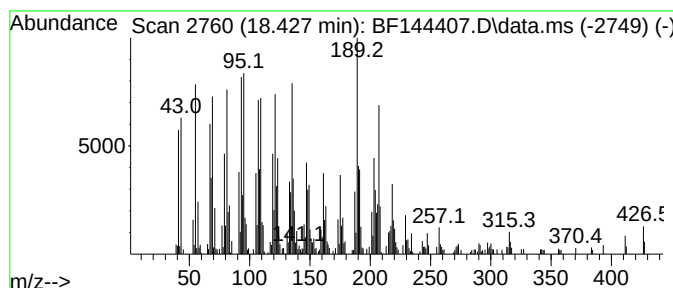
Instrument :
BNA_F
ClientSampleId :
SB-1125-24

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

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

Peak Number 18 Lupeol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.427	41.98 ng	829199	Perylene-d12	15.527	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lupeol	426	C30H50O	000545-47-1	99
2	Taraxasterol	426	C30H50O	001059-14-9	91
3	Epilupeol; 20(29)-Lupen-3alpha-o...	426	C30H50O	1000513-01-3	90
4	Epilupeol; 20(29)-Lupen-3alpha-o...	426	C30H50O	1000513-01-4	86
5	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144407.D
Acq On : 02 Dec 2025 17:19
Operator : RC/JU
Sample : Q3742-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-24

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,3,5-Cyclohept...	3.928	3.1	ng	35329	1	6.863	230901	20.0
Benzophenone	10.616	7.1	ng	111810	3	9.898	313017	20.0
n-Hexadecanoic ...	11.916	14.0	ng	229170	4	11.392	327834	20.0
4b,8-Dimethyl-2...	12.169	2.2	ng	35424	4	11.392	327834	20.0
Retene	13.116	2.1	ng	58667	5	14.045	548589	20.0
Pentafluoroprop...	13.874	6.3	ng	172691	5	14.045	548589	20.0
1-Hexacosene	14.515	5.5	ng	150754	5	14.045	548589	20.0
Benzo[e]pyrene	15.398	4.0	ng	78022	6	15.527	395022	20.0
.beta.-Tocopherol	15.786	4.1	ng	81228	6	15.527	395022	20.0
.gamma.-Sitosterol	17.604	5.5	ng	109208	6	15.527	395022	20.0
Lup-20(29)-en-3...	18.168	15.5	ng	305385	6	15.527	395022	20.0
Lupeol	18.427	42.0	ng	829199	6	15.527	395022	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144399.D
Acq On : 02 Dec 2025 13:16
Operator : RC/JU
Sample : PB170788BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170788BL

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Dec 02 13:39:31 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	75254	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	293617	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	166700	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	270408	20.000	ng	0.00
76) Chrysene-d12	14.045	240	168046	20.000	ng	0.00
86) Perylene-d12	15.533	264	227850	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	397436	82.645	ng	0.00
7) Phenol-d6	6.498	99	453082	83.151	ng	0.00
23) Nitrobenzene-d5	7.422	82	278906	54.861	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	154780	73.990	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	604884	53.592	ng	0.00
79) Terphenyl-d14	12.980	244	571832	54.051	ng	-0.01

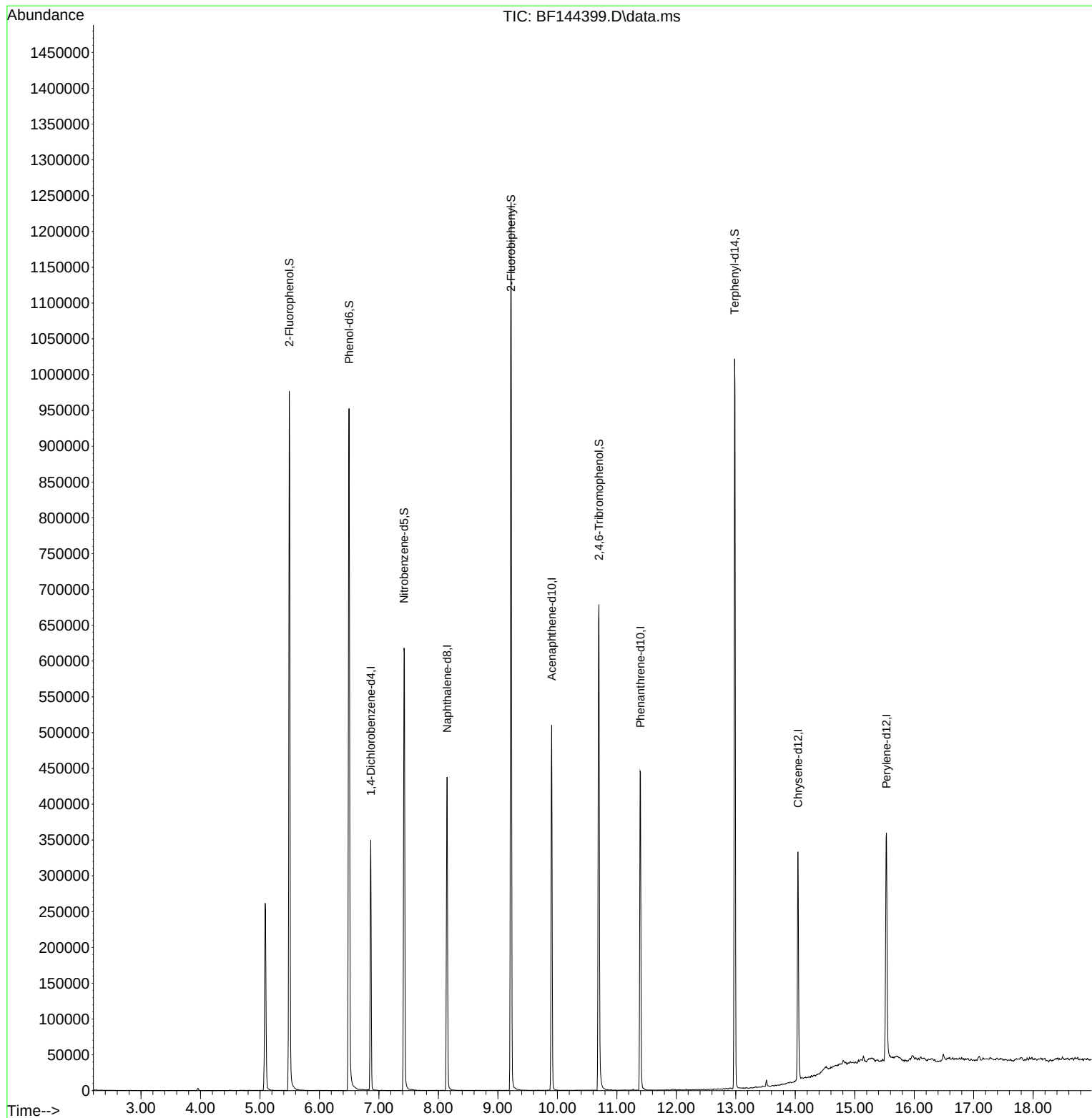
Target Compounds	Qvalue

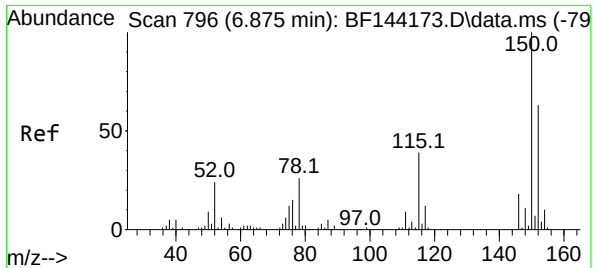
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144399.D
Acq On : 02 Dec 2025 13:16
Operator : RC/JU
Sample : PB170788BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170788BL

Quant Time: Dec 02 13:39:31 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

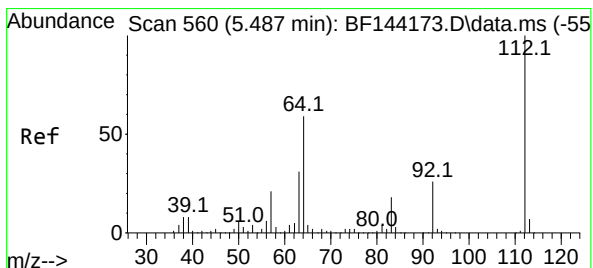
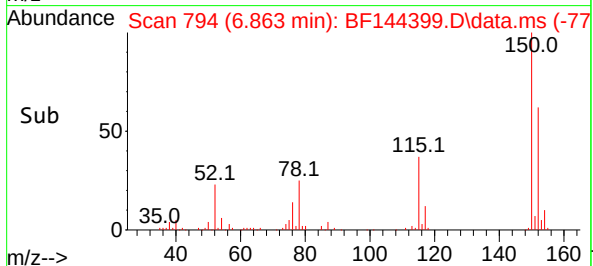
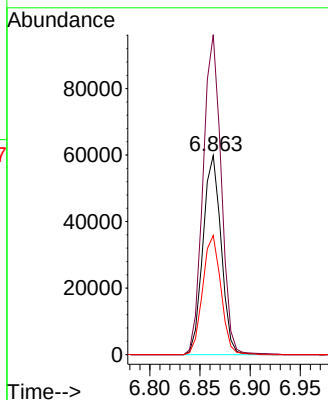
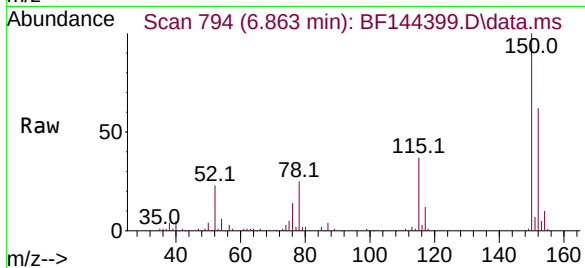




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144399.D
Acq: 02 Dec 2025 13:16

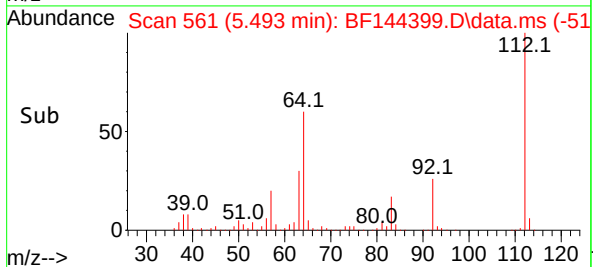
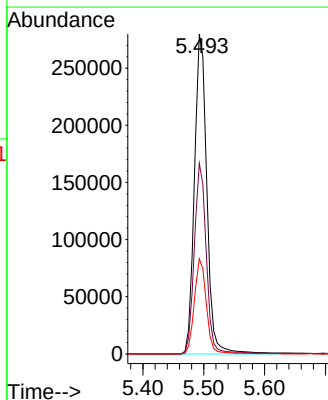
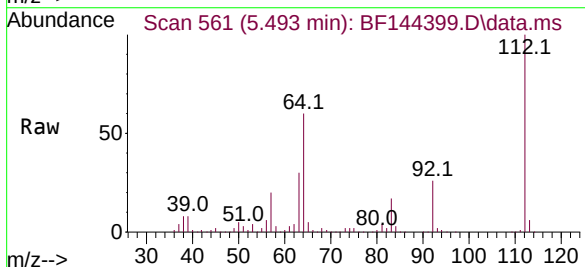
Instrument :
BNA_F
ClientSampleId :
PB170788BL

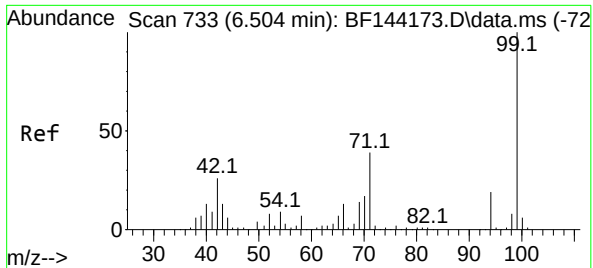
Tgt Ion:152 Resp: 75254
Ion Ratio Lower Upper
152 100
150 160.7 127.4 191.0
115 59.9 49.5 74.3



#5
2-Fluorophenol
Concen: 82.645 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144399.D
Acq: 02 Dec 2025 13:16

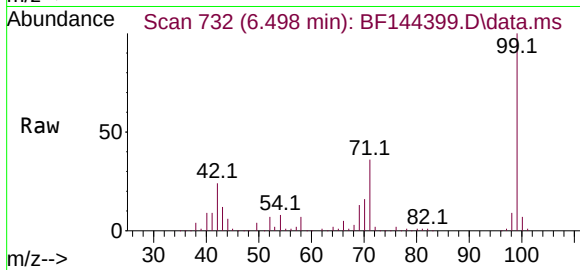
Tgt Ion:112 Resp: 397436
Ion Ratio Lower Upper
112 100
64 59.5 47.2 70.8
63 29.7 24.4 36.6



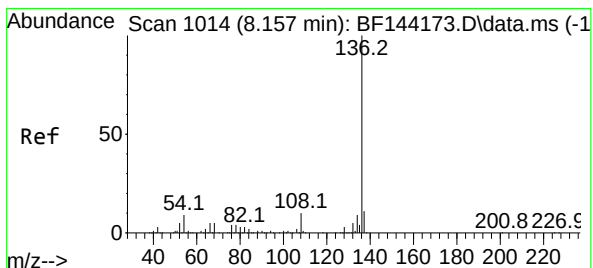
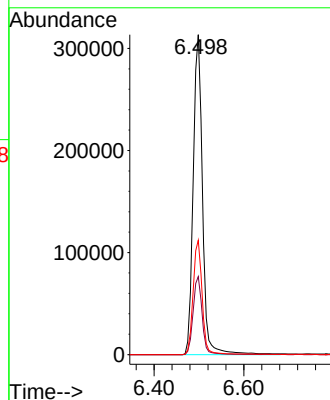
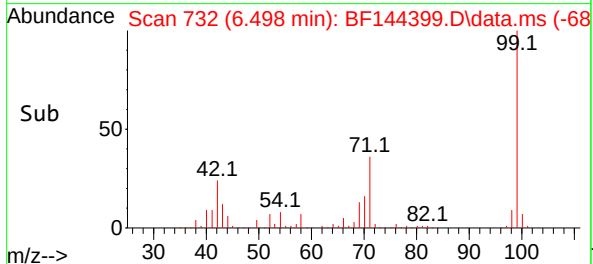


#7
Phenol-d6
Concen: 83.151 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144399.D
Acq: 02 Dec 2025 13:16

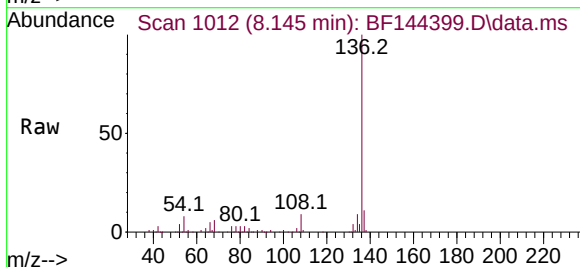
Instrument :
BNA_F
ClientSampleId :
PB170788BL



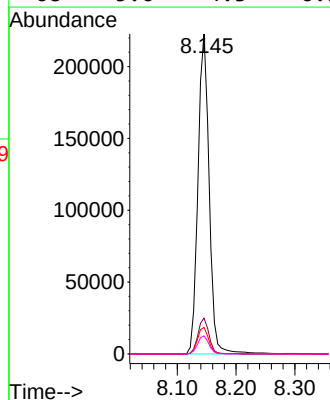
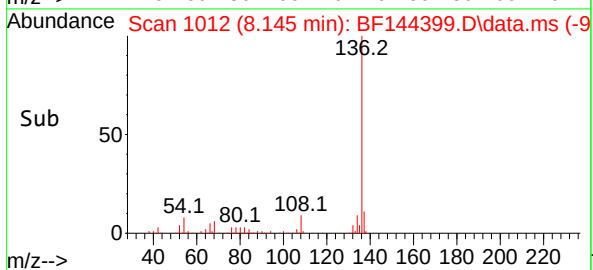
Tgt Ion: 99 Resp: 453082
Ion Ratio Lower Upper
99 100
42 24.4 20.9 31.3
71 35.7 31.4 47.2

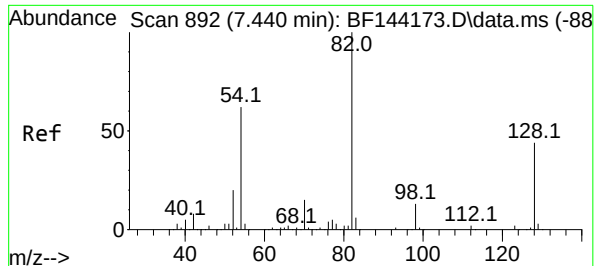


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144399.D
Acq: 02 Dec 2025 13:16



Tgt Ion: 136 Resp: 293617
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.3 7.0 10.6
68 5.6 4.3 6.5





#23

Nitrobenzene-d5

Concen: 54.861 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144399.D

Acq: 02 Dec 2025 13:16

Instrument :

BNA_F

ClientSampleId :

PB170788BL

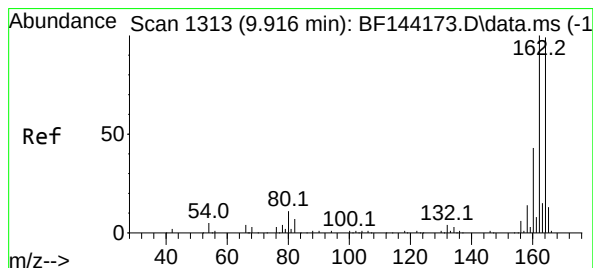
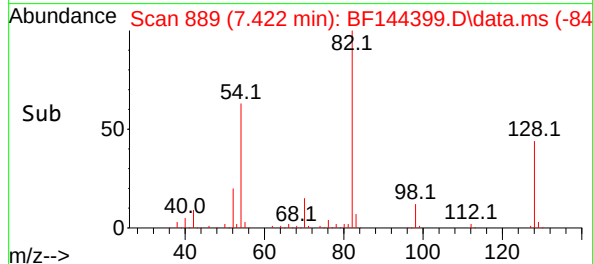
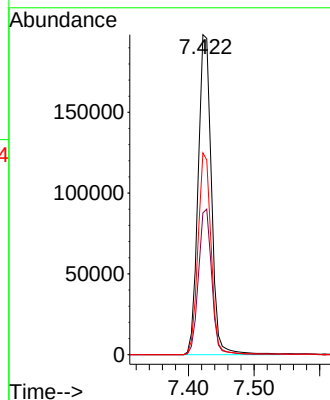
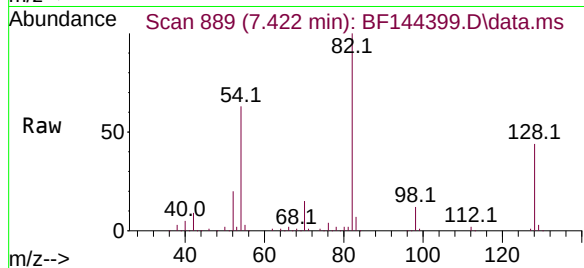
Tgt Ion: 82 Resp: 278906

Ion Ratio Lower Upper

82 100

128 44.3 34.7 52.1

54 63.0 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: BF144399.D

Acq: 02 Dec 2025 13:16

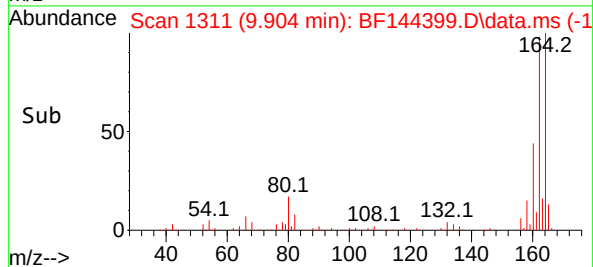
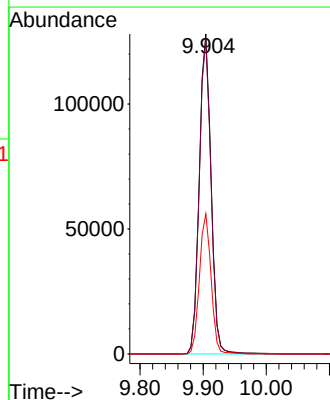
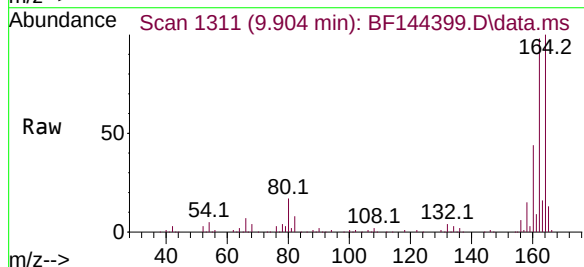
Tgt Ion:164 Resp: 166700

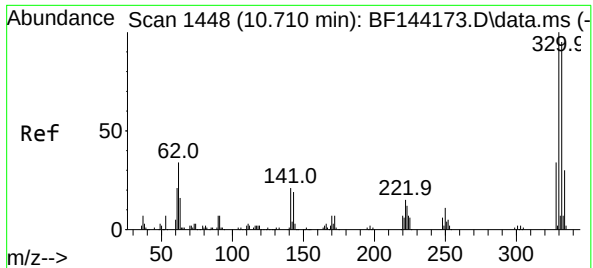
Ion Ratio Lower Upper

164 100

162 98.2 81.1 121.7

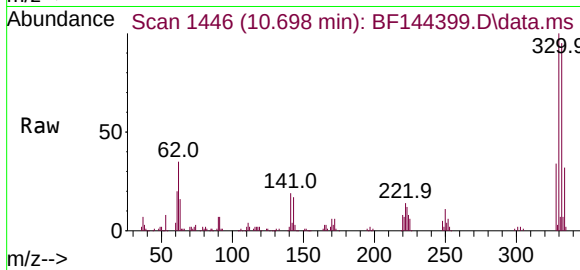
160 43.8 34.5 51.7



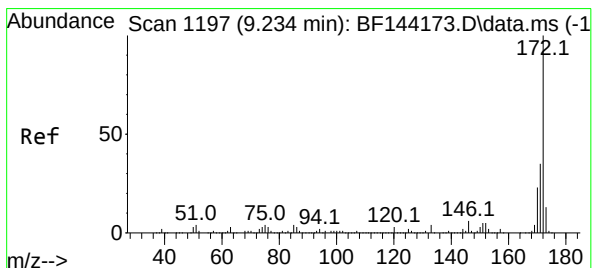
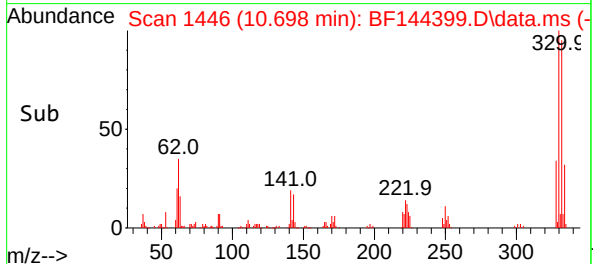
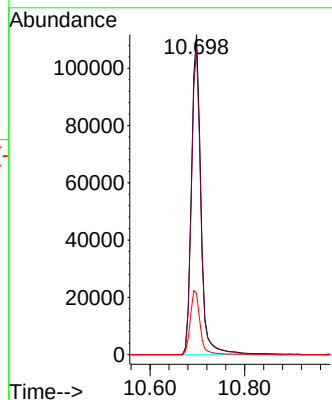


#42
2,4,6-Tribromophenol
Concen: 73.990 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144399.D
Acq: 02 Dec 2025 13:16

Instrument :
BNA_F
ClientSampleId :
PB170788BL

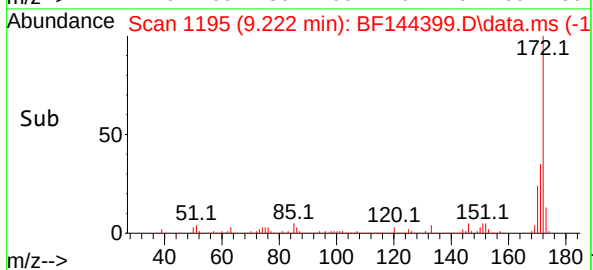
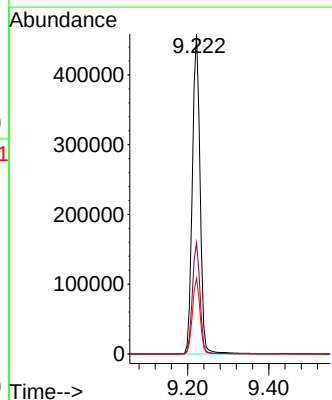
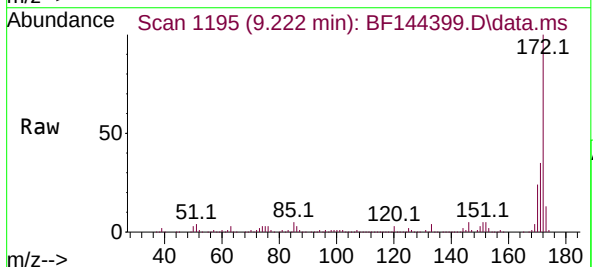


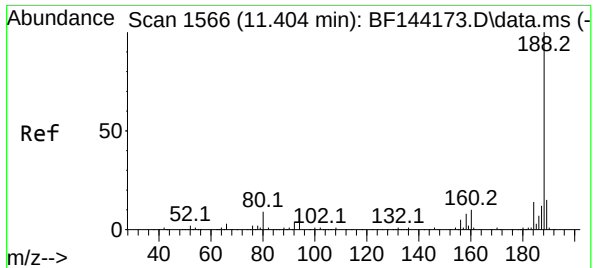
Tgt Ion:330 Resp: 154780
Ion Ratio Lower Upper
330 100
332 94.8 76.7 115.1
141 20.6 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 53.592 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144399.D
Acq: 02 Dec 2025 13:16

Tgt Ion:172 Resp: 604884
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.6 18.6 28.0

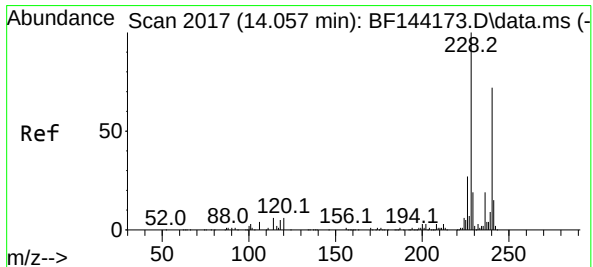
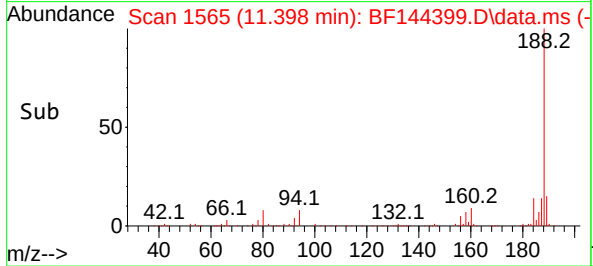
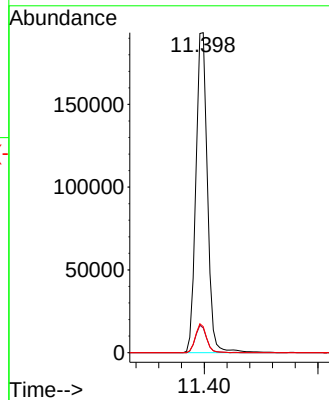
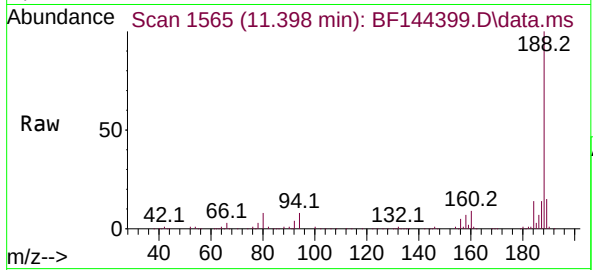




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144399.D
Acq: 02 Dec 2025 13:16

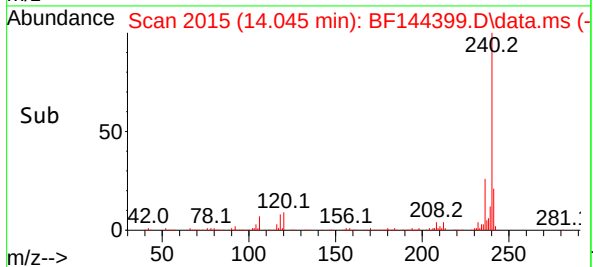
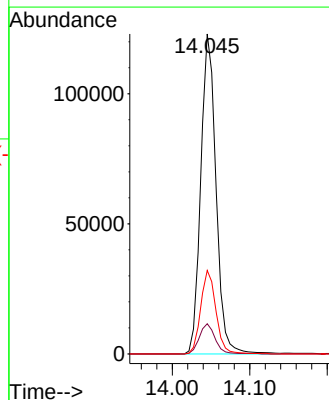
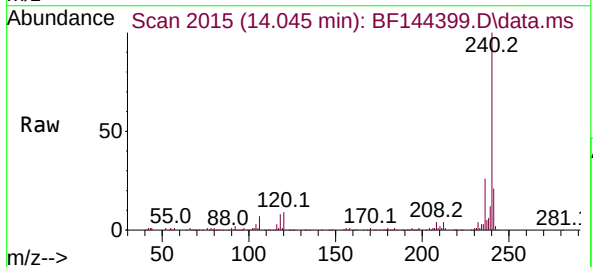
Instrument :
BNA_F
ClientSampleId :
PB170788BL

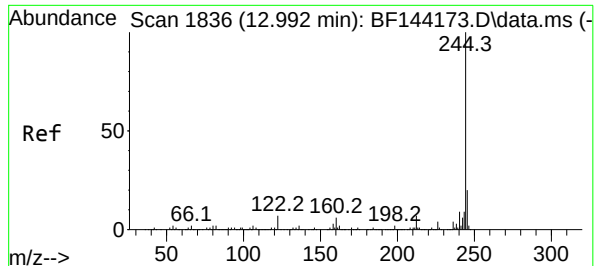
Tgt Ion:188 Resp: 270408
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 8.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144399.D
Acq: 02 Dec 2025 13:16

Tgt Ion:240 Resp: 168046
Ion Ratio Lower Upper
240 100
120 9.4 6.6 10.0
236 26.1 21.4 32.2





#79

Terphenyl-d14

Concen: 54.051 ng

RT: 12.980 min Scan# 1834

Delta R.T. -0.012 min

Lab File: BF144399.D

Acq: 02 Dec 2025 13:16

Instrument :

BNA_F

ClientSampleId :

PB170788BL

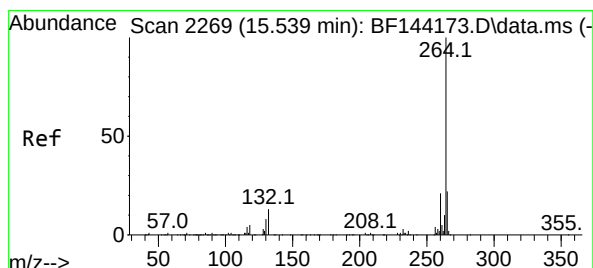
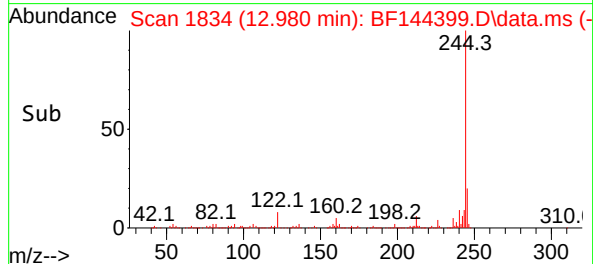
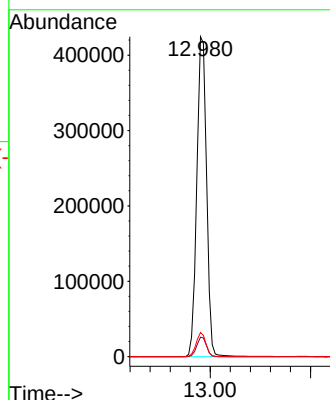
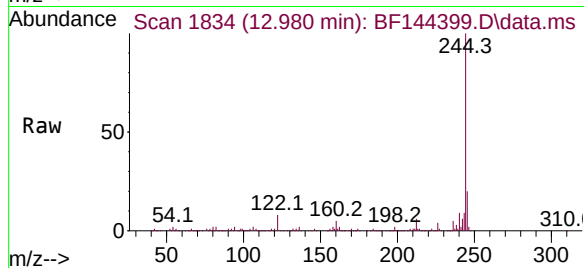
Tgt Ion:244 Resp: 571832

Ion Ratio Lower Upper

244 100

212 6.1 5.3 7.9

122 7.5 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF144399.D

Acq: 02 Dec 2025 13:16

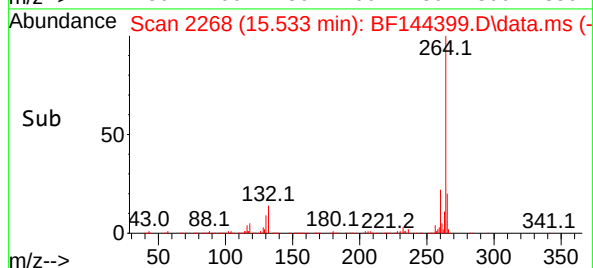
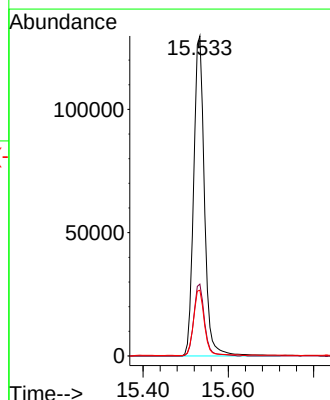
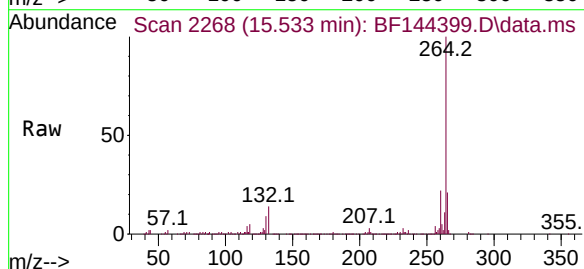
Tgt Ion:264 Resp: 227850

Ion Ratio Lower Upper

264 100

260 22.4 17.1 25.7

265 20.5 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144399.D
Acq On : 02 Dec 2025 13:16
Operator : RC/JU
Sample : PB170788BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170788BL

A
B
C
D
E
F
G
H
I
J
K

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: BF144399.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	485	492	513	rBV	261580	432030	26.79%	3.857%
2	5.493	556	561	584	rBV	977123	1352981	83.91%	12.078%
3	6.498	726	732	759	rBV	952575	1355672	84.07%	12.102%
4	6.863	789	794	804	rBV	349536	438980	27.22%	3.919%
5	7.422	884	889	908	rBV	617969	864637	53.62%	7.718%
6	8.145	1006	1012	1026	rBV	437808	570897	35.40%	5.096%
7	9.222	1189	1195	1214	rBV	1240100	1612510	100.00%	14.394%
8	9.904	1305	1311	1324	rBV	510148	655566	40.66%	5.852%
9	10.698	1440	1446	1467	rBV	678292	960620	59.57%	8.575%
10	11.392	1559	1564	1573	rBV	445547	613478	38.04%	5.476%
11	12.980	1829	1834	1840	rBV	1019221	1353350	83.93%	12.081%
12	14.045	2010	2015	2023	rBV	318671	432061	26.79%	3.857%
13	15.533	2261	2268	2277	rBV	318071	559710	34.71%	4.996%

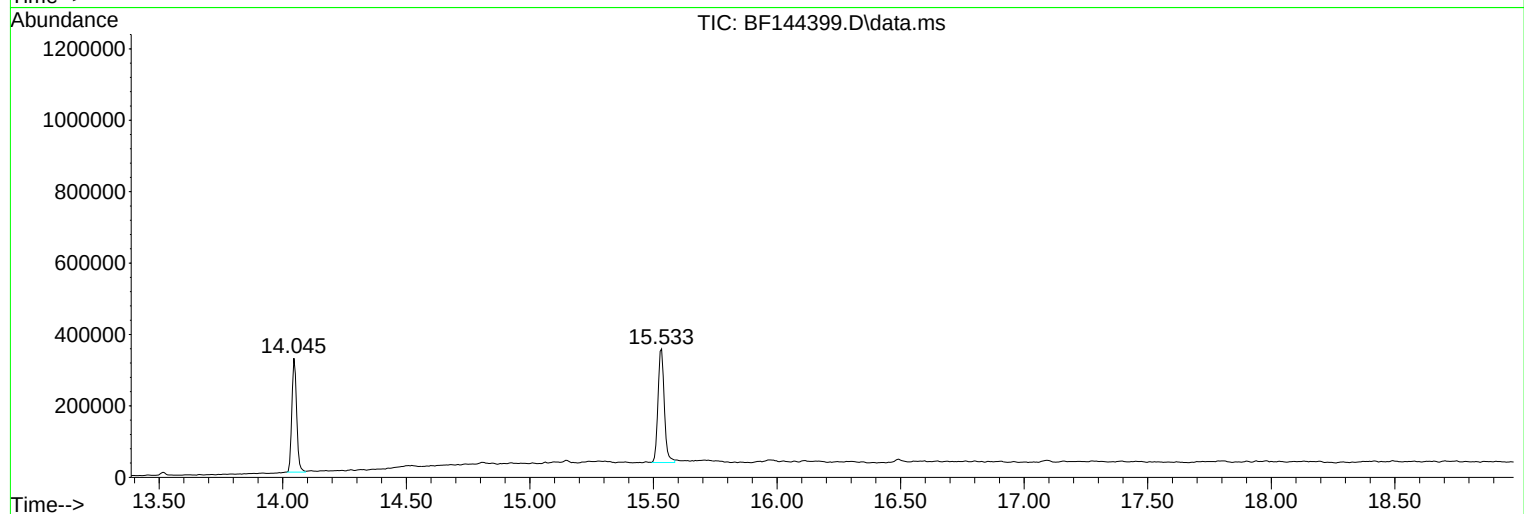
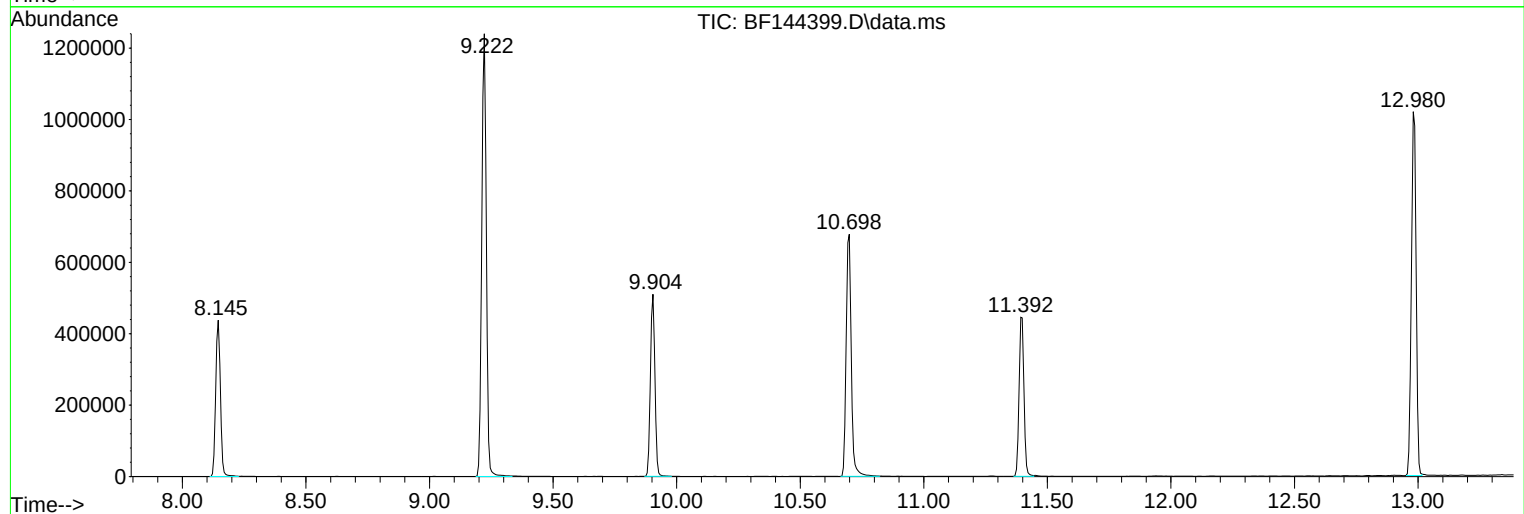
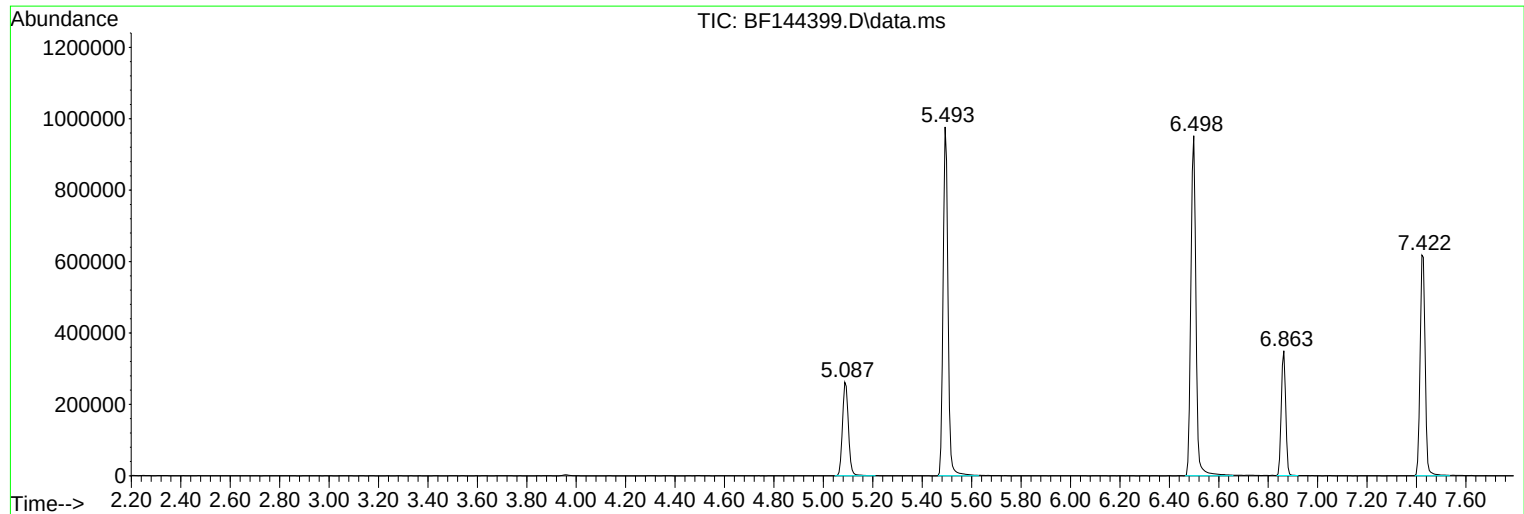
Sum of corrected areas: 11202492

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144399.D
Acq On : 02 Dec 2025 13:16
Operator : RC/JU
Sample : PB170788BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170788BL

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144399.D
Acq On : 02 Dec 2025 13:16
Operator : RC/JU
Sample : PB170788BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170788BL

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

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

No Library Search Compounds Detected

A

B

C

D

E

F

G

H

I

J

K

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144399.D
Acq On : 02 Dec 2025 13:16
Operator : RC/JU
Sample : PB170788BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170788BL

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

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
 Data File : BF144400.D
 Acq On : 02 Dec 2025 13:47
 Operator : RC/JU
 Sample : PB170788BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170788BS

Quant Time: Dec 02 14:11:40 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	51216	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	193088	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	100931	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	153120	20.000	ng	0.00
76) Chrysene-d12	14.045	240	113296	20.000	ng	0.00
86) Perylene-d12	15.527	264	148082	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	367741	112.361	ng	0.00
7) Phenol-d6	6.498	99	416037	112.188	ng	0.00
23) Nitrobenzene-d5	7.428	82	256486	76.718	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	136199	107.534	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	536756	78.544	ng	0.00
79) Terphenyl-d14	12.980	244	502268	70.418	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.669	88	55163	40.768	ng	99
3) Pyridine	3.440	79	132879	35.200	ng	97
4) n-Nitrosodimethylamine	3.381	42	79627	40.382	ng	92
6) Aniline	6.528	93	155031	29.342	ng	# 87
8) 2-Chlorophenol	6.651	128	132810	41.378	ng	99
9) Benzaldehyde	6.416	77	74384	35.521	ng	99
10) Phenol	6.516	94	177641	39.207	ng	88
11) bis(2-Chloroethyl)ether	6.598	93	140616	42.592	ng	99
12) 1,3-Dichlorobenzene	6.804	146	166978	42.160	ng	96
13) 1,4-Dichlorobenzene	6.881	146	168861	42.557	ng	99
14) 1,2-Dichlorobenzene	7.034	146	159595	41.964	ng	97
15) Benzyl Alcohol	7.010	79	119976	40.858	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	258699	42.551	ng	87
17) 2-Methylphenol	7.122	107	105788	41.430	ng	97
18) Hexachloroethane	7.375	117	53973	40.943	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	95836	39.257	ng	98
20) 3+4-Methylphenols	7.275	107	124102	41.230	ng	# 90
22) Acetophenone	7.275	105	185704	44.833	ng	99
24) Nitrobenzene	7.445	77	148786	40.988	ng	97
25) Isophorone	7.686	82	258638	40.899	ng	98
26) 2-Nitrophenol	7.763	139	78604	43.744	ng	94
27) 2,4-Dimethylphenol	7.798	122	119456	44.354	ng	100
28) bis(2-Chloroethoxy)met...	7.892	93	164348	41.618	ng	97
29) 2,4-Dichlorophenol	8.010	162	125741	40.507	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	134106	42.072	ng	97
31) Naphthalene	8.169	128	375920	40.928	ng	99
32) Benzoic acid	7.928	122	85514	43.316	ng	91
33) 4-Chloroaniline	8.216	127	77731	23.204	ng	98
34) Hexachlorobutadiene	8.281	225	93332	38.852	ng	98
35) Caprolactam	8.586	113	34252	40.276	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	109105	39.219	ng	97
37) 2-Methylnaphthalene	8.857	142	230014	37.455	ng	99
38) 1-Methylnaphthalene	8.957	142	229573	38.744	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	153466	46.395	ng	99
41) Hexachlorocyclopentadiene	9.010	237	94334	74.926	ng	95
43) 2,4,6-Trichlorophenol	9.139	196	90852	40.354	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
 Data File : BF144400.D
 Acq On : 02 Dec 2025 13:47
 Operator : RC/JU
 Sample : PB170788BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170788BS

Quant Time: Dec 02 14:11:40 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

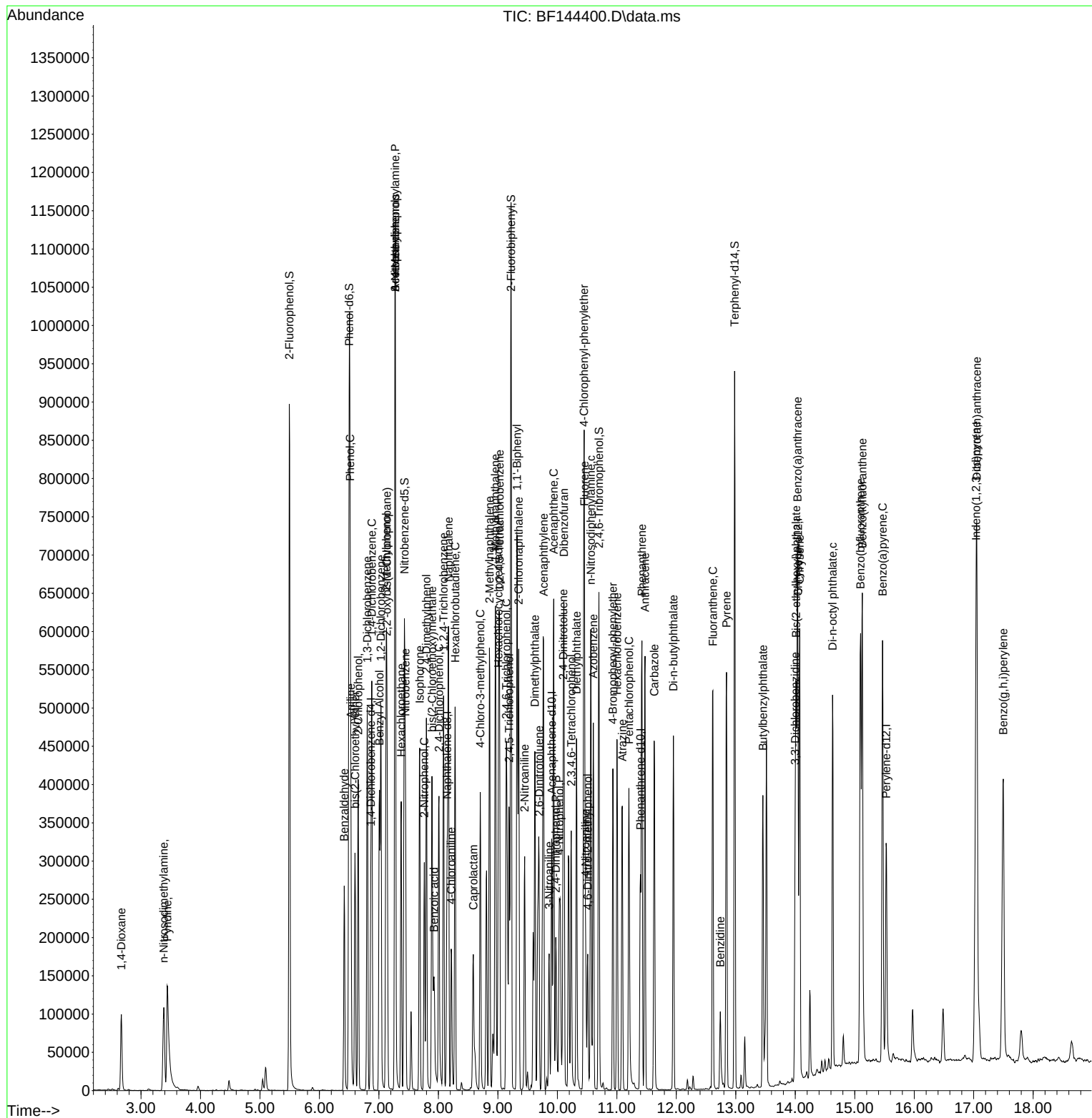
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	96164	39.631	ng	99
46) 1,1'-Biphenyl	9.322	154	332500	47.195	ng	100
47) 2-Chloronaphthalene	9.351	162	250353	41.658	ng	99
48) 2-Nitroaniline	9.451	65	72362	41.731	ng	93
49) Acenaphthylene	9.769	152	376291	45.947	ng	100
50) Dimethylphthalate	9.622	163	273282	40.871	ng	99
51) 2,6-Dinitrotoluene	9.692	165	59023	43.606	ng	93
52) Acenaphthene	9.939	154	205769	37.573	ng	98
53) 3-Nitroaniline	9.863	138	41985	28.375	ng	97
54) 2,4-Dinitrophenol	9.975	184	58386	71.433	ng	96
55) Dibenzofuran	10.110	168	316765	41.299	ng	99
56) 4-Nitrophenol	10.033	139	62336	58.240	ng	96
57) 2,4-Dinitrotoluene	10.098	165	74778	41.268	ng	99
58) Fluorene	10.457	166	242704	41.619	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	70098	40.832	ng	97
60) Diethylphthalate	10.322	149	240114	38.955	ng	99
61) 4-Chlorophenyl-phenylether	10.445	204	129013	38.838	ng	99
62) 4-Nitroaniline	10.474	138	50485	35.828	ng	94
63) Azobenzene	10.604	77	235874	41.117	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	41705	40.093	ng	96
66) n-Nitrosodiphenylamine	10.563	169	227331	46.161	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	82603	42.264	ng	98
68) Hexachlorobenzene	11.004	284	98295	42.699	ng	98
69) Atrazine	11.092	200	68071	43.463	ng	99
70) Pentachlorophenol	11.204	266	89009	77.646	ng	97
71) Phenanthrene	11.421	178	330515	43.354	ng	99
72) Anthracene	11.474	178	338999	43.731	ng	98
73) Carbazole	11.627	167	284749	43.198	ng	99
74) Di-n-butylphthalate	11.951	149	330204	41.438	ng	99
75) Fluoranthene	12.616	202	332127	42.174	ng	99
77) Benzidine	12.739	184	74650	22.275	ng	99
78) Pyrene	12.845	202	338288	37.032	ng	99
80) Butylbenzylphthalate	13.457	149	127808	40.368	ng	97
81) Benzo(a)anthracene	14.039	228	350689	44.661	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	96247	35.759	ng	97
83) Chrysene	14.074	228	307309	42.395	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	178241	41.125	ng	98
85) Di-n-octyl phthalate	14.627	149	336830	45.044	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	459390	43.217	ng	98
88) Benzo(b)fluoranthene	15.098	252	388511	46.148	ng	100
89) Benzo(k)fluoranthene	15.127	252	371860	47.191	ng	98
90) Benzo(a)pyrene	15.468	252	379539	48.868	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	379182	44.417	ng	100
92) Benzo(g,h,i)perylene	17.498	276	382162	45.332	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144400.D
Acq On : 02 Dec 2025 13:47
Operator : RC/JU
Sample : PB170788BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170788BS

Quant Time: Dec 02 14:11:40 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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026216.D
 Acq On : 02 Dec 2025 20:40
 Operator : RC/JU
 Sample : Q3742-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-19MS

Quant Time: Dec 03 00:22:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	267202	20.000	ng	-0.01
21) Naphthalene-d8	10.431	136	1189932	20.000	ng	-0.02
39) Acenaphthene-d10	14.295	164	824727	20.000	ng	-0.03
64) Phenanthrene-d10	17.101	188	1668151	20.000	ng	-0.03
76) Chrysene-d12	21.554	240	1445612	20.000	ng	-0.02
86) Perylene-d12	24.836	264	1664282	20.000	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1324173	79.543	ng	0.00
7) Phenol-d6	6.843	99	1717751	81.052	ng	-0.01
23) Nitrobenzene-d5	8.802	82	1002818	47.870	ng	-0.01
42) 2,4,6-Tribromophenol	15.807	330	825000	77.112	ng	-0.03
45) 2-Fluorobiphenyl	12.901	172	2635147	46.828	ng	-0.03
79) Terphenyl-d14	19.830	244	3955292	55.790	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	3.214	88	201274	29.809	ng	98
3) Pyridine	3.608	79	591811	30.328	ng	98
4) n-Nitrosodimethylamine	3.514	42	278703	38.216	ng	91
6) Aniline	6.996	93	463653	16.570	ng	97
8) 2-Chlorophenol	7.237	128	815255	43.024	ng	99
9) Benzaldehyde	6.808	77	572168	51.518	ng	99
10) Phenol	6.872	94	979562	42.905	ng	98
11) bis(2-Chloroethyl)ether	7.090	93	703376	39.347	ng	98
12) 1,3-Dichlorobenzene	7.555	146	827400	40.530	ng	98
13) 1,4-Dichlorobenzene	7.696	146	854207	41.525	ng	100
14) 1,2-Dichlorobenzene	8.007	146	830396	42.038	ng	100
15) Benzyl Alcohol	7.896	79	656501	42.283	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.178	45	972287	38.728	ng	99
17) 2-Methylphenol	8.102	107	682480	43.913	ng	99
18) Hexachloroethane	8.731	117	305613	40.831	ng	98
19) n-Nitroso-di-n-propyla...	8.460	70	538355	40.890	ng	99
20) 3+4-Methylphenols	8.425	107	929096	43.141	ng	99
22) Acetophenone	8.472	105	1138999	37.659	ng	99
24) Nitrobenzene	8.837	77	793944	37.467	ng	100
25) Isophorone	9.366	82	1592417	38.344	ng	99
26) 2-Nitrophenol	9.543	139	430711	40.169	ng	97
27) 2,4-Dimethylphenol	9.613	122	786643	40.685	ng	100
28) bis(2-Chloroethoxy)met...	9.843	93	987121	37.952	ng	99
29) 2,4-Dichlorophenol	10.084	162	822959	42.586	ng	98
30) 1,2,4-Trichlorobenzene	10.290	180	825499	41.950	ng	99
31) Naphthalene	10.478	128	2503125	38.923	ng	99
32) Benzoic acid	9.760	122	614512	37.741	ng	99
33) 4-Chloroaniline	10.578	127	274961	10.054	ng	99
34) Hexachlorobutadiene	10.772	225	513520	40.124	ng	99
35) Caprolactam	11.360	113	274308	39.641	ng	96
36) 4-Chloro-3-methylphenol	11.719	107	867278	42.225	ng	99
37) 2-Methylnaphthalene	12.095	142	1699279	37.272	ng	99
38) 1-Methylnaphthalene	12.307	142	1756161	39.409	ng	100
40) 1,2,4,5-Tetrachloroben...	12.466	216	981061	39.341	ng	100
41) Hexachlorocyclopentadiene	12.454	237	1159345	71.035	ng	100
43) 2,4,6-Trichlorophenol	12.707	196	692147	40.485	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026216.D
 Acq On : 02 Dec 2025 20:40
 Operator : RC/JU
 Sample : Q3742-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-19MS

Quant Time: Dec 03 00:22:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.784	196	771252	40.414	ng	99
46) 1,1'-Biphenyl	13.119	154	2375844	38.257	ng	99
47) 2-Chloronaphthalene	13.154	162	1842584	37.732	ng	98
48) 2-Nitroaniline	13.354	65	529744	39.009	ng	93
49) Acenaphthylene	14.013	152	3206295	39.805	ng	100
50) Dimethylphthalate	13.754	163	2395240	38.885	ng	99
51) 2,6-Dinitrotoluene	13.860	165	514012	42.113	ng	99
52) Acenaphthene	14.354	154	1805447	38.247	ng	99
53) 3-Nitroaniline	14.189	138	262615	18.274	ng	100
54) 2,4-Dinitrophenol	14.401	184	613074	83.210	ng	94
55) Dibenzofuran	14.695	168	2870399	39.259	ng	99
56) 4-Nitrophenol	14.519	139	932656	71.739	ng	95
57) 2,4-Dinitrotoluene	14.660	165	726667	39.873	ng	99
58) Fluorene	15.360	166	2307508	39.929	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.931	232	691942	42.739	ng	99
60) Diethylphthalate	15.142	149	2449839	39.480	ng	100
61) 4-Chlorophenyl-phenyle...	15.354	204	1143854	39.781	ng	99
62) 4-Nitroaniline	15.372	138	477479	31.996	ng	96
63) Azobenzene	15.654	77	2247277	42.951	ng	99
65) 4,6-Dinitro-2-methylph...	15.442	198	411982	38.875	ng	98
66) n-Nitrosodiphenylamine	15.578	169	2052535	39.776	ng	99
67) 4-Bromophenyl-phenylether	16.266	248	767460	41.542	ng	96
68) Hexachlorobenzene	16.383	284	867808	40.482	ng	99
69) Atrazine	16.566	200	767137	39.424	ng	100
70) Pentachlorophenol	16.748	266	1185398	79.050	ng	100
71) Phenanthrene	17.148	178	3774101	40.163	ng	100
72) Anthracene	17.236	178	3730906	38.926	ng	99
73) Carbazole	17.519	167	3355601	36.861	ng	99
74) Di-n-butylphthalate	18.125	149	4337048	40.187	ng	100
75) Fluoranthene	19.236	202	4413754	38.658	ng	99
77) Benzidine	19.430	184	1411942	30.776	ng	100
78) Pyrene	19.613	202	4494202	47.414	ng	99
80) Butylbenzylphthalate	20.577	149	1795943	43.024	ng	100
81) Benzo(a)anthracene	21.536	228	3980617	40.094	ng	99
82) 3,3'-Dichlorobenzidine	21.466	252	379600	10.514	ng	# 97
83) Chrysene	21.607	228	3909827	41.786	ng	100
84) Bis(2-ethylhexyl)phtha...	21.483	149	1826439	28.904	ng	# 71
85) Di-n-octyl phthalate	22.748	149	4322867	39.124	ng	99
87) Indeno(1,2,3-cd)pyrene	28.589	276	5010892	40.146	ng	98
88) Benzo(b)fluoranthene	23.801	252	4254683	41.979	ng	100
89) Benzo(k)fluoranthene	23.871	252	4243721	41.921	ng	100
90) Benzo(a)pyrene	24.695	252	4152869	43.257	ng	99
91) Dibenzo(a,h)anthracene	28.683	278	4145497	40.573	ng	98
92) Benzo(g,h,i)perylene	29.736	276	4191133	41.269	ng	97

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

Instrument :
BNA_P
ClientSampleId :
SB-1125-19MS

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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026217.D
 Acq On : 02 Dec 2025 21:21
 Operator : RC/JU
 Sample : Q3742-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-19MSD

Quant Time: Dec 03 00:23:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	266018	20.000	ng	-0.01
21) Naphthalene-d8	10.431	136	1092228	20.000	ng	-0.02
39) Acenaphthene-d10	14.296	164	691945	20.000	ng	-0.03
64) Phenanthrene-d10	17.095	188	1361968	20.000	ng	-0.03
76) Chrysene-d12	21.542	240	1372768	20.000	ng	-0.03
86) Perylene-d12	24.836	264	1653196	20.000	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1383035	83.449	ng	0.00
7) Phenol-d6	6.843	99	1734709	82.217	ng	-0.01
23) Nitrobenzene-d5	8.802	82	1011270	52.592	ng	-0.01
42) 2,4,6-Tribromophenol	15.807	330	743078	82.783	ng	-0.03
45) 2-Fluorobiphenyl	12.907	172	2523741	53.455	ng	-0.02
79) Terphenyl-d14	19.836	244	3775372	56.078	ng	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.220	88	258238	38.415	ng	98
3) Pyridine	3.614	79	711307	36.614	ng	98
4) n-Nitrosodimethylamine	3.520	42	311684	42.928	ng	95
6) Aniline	6.996	93	422097	15.152	ng	100
8) 2-Chlorophenol	7.237	128	856612	45.408	ng	100
9) Benzaldehyde	6.814	77	603116	54.546	ng	99
10) Phenol	6.872	94	1007937	44.345	ng	98
11) bis(2-Chloroethyl)ether	7.090	93	742228	41.706	ng	98
12) 1,3-Dichlorobenzene	7.555	146	905139	44.535	ng	99
13) 1,4-Dichlorobenzene	7.696	146	920977	44.970	ng	99
14) 1,2-Dichlorobenzene	8.008	146	897424	45.634	ng	100
15) Benzyl Alcohol	7.896	79	666643	43.127	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.178	45	1004529	40.190	ng	99
17) 2-Methylphenol	8.102	107	684241	44.222	ng	99
18) Hexachloroethane	8.731	117	331582	44.498	ng	97
19) n-Nitroso-di-n-propyla...	8.461	70	537236	40.986	ng	99
20) 3+4-Methylphenols	8.425	107	918335	42.831	ng	99
22) Acetophenone	8.472	105	1148744	41.378	ng	99
24) Nitrobenzene	8.843	77	816940	42.001	ng	99
25) Isophorone	9.366	82	1555018	40.793	ng	99
26) 2-Nitrophenol	9.543	139	438926	44.596	ng	98
27) 2,4-Dimethylphenol	9.608	122	768841	43.322	ng	99
28) bis(2-Chloroethoxy)met...	9.843	93	974221	40.807	ng	99
29) 2,4-Dichlorophenol	10.084	162	802138	45.222	ng	99
30) 1,2,4-Trichlorobenzene	10.290	180	836662	46.320	ng	99
31) Naphthalene	10.478	128	2497264	42.306	ng	99
32) Benzoic acid	9.755	122	566327	37.893	ng	99
33) 4-Chloroaniline	10.578	127	290372	11.567	ng	99
34) Hexachlorobutadiene	10.772	225	532288	45.311	ng	100
35) Caprolactam	11.366	113	248415	39.111	ng	98
36) 4-Chloro-3-methylphenol	11.719	107	809116	42.917	ng	100
37) 2-Methylnaphthalene	12.096	142	1604210	38.334	ng	99
38) 1-Methylnaphthalene	12.313	142	1688335	41.276	ng	99
40) 1,2,4,5-Tetrachloroben...	12.466	216	930561	44.476	ng	100
41) Hexachlorocyclopentadiene	12.449	237	1139297	83.203	ng	100
43) 2,4,6-Trichlorophenol	12.707	196	648749	45.228	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026217.D
 Acq On : 02 Dec 2025 21:21
 Operator : RC/JU
 Sample : Q3742-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-19MSD

Quant Time: Dec 03 00:23:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	709869	44.336	ng	99
46) 1,1'-Biphenyl	13.113	154	2242845	43.046	ng	99
47) 2-Chloronaphthalene	13.149	162	1763016	43.030	ng	99
48) 2-Nitroaniline	13.354	65	479985	42.128	ng	95
49) Acenaphthylene	14.013	152	2971101	43.963	ng	99
50) Dimethylphthalate	13.749	163	2159802	41.791	ng	100
51) 2,6-Dinitrotoluene	13.860	165	482188	47.087	ng	96
52) Acenaphthene	14.354	154	1669050	42.142	ng	99
53) 3-Nitroaniline	14.190	138	239869	19.894	ng	100
54) 2,4-Dinitrophenol	14.396	184	534031	86.391	ng	98
55) Dibenzofuran	14.701	168	2634076	42.941	ng	100
56) 4-Nitrophenol	14.513	139	841851	77.180	ng	95
57) 2,4-Dinitrotoluene	14.666	165	666222	43.571	ng	96
58) Fluorene	15.354	166	2089152	43.088	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.931	232	626864	46.150	ng	99
60) Diethylphthalate	15.137	149	2180853	41.890	ng	99
61) 4-Chlorophenyl-phenylether	15.360	204	1035641	42.929	ng	98
62) 4-Nitroaniline	15.372	138	420750	33.605	ng	96
63) Azobenzene	15.654	77	2030745	46.261	ng	100
65) 4,6-Dinitro-2-methylph...	15.431	198	358302	41.411	ng	96
66) n-Nitrosodiphenylamine	15.572	169	1858361	44.109	ng	100
67) 4-Bromophenyl-phenylether	16.272	248	684536	45.383	ng	98
68) Hexachlorobenzene	16.390	284	785760	44.894	ng	94
69) Atrazine	16.560	200	683152	43.000	ng	98
70) Pentachlorophenol	16.737	266	1068259	87.253	ng	99
71) Phenanthrene	17.137	178	3387610	44.154	ng	100
72) Anthracene	17.225	178	3419510	43.698	ng	100
73) Carbazole	17.513	167	3133057	42.154	ng	99
74) Di-n-butylphthalate	18.113	149	3752772	42.590	ng	99
75) Fluoranthene	19.231	202	4151308	44.533	ng	99
77) Benzidine	19.431	184	1484638	34.078	ng	99
78) Pyrene	19.607	202	4338846	48.204	ng	99
80) Butylbenzylphthalate	20.578	149	1739964	43.895	ng	98
81) Benzo(a)anthracene	21.530	228	4111032	43.604	ng	99
82) 3,3'-Dichlorobenzidine	21.466	252	401560	11.712	ng	# 97
83) Chrysene	21.601	228	4113692	46.298	ng	100
84) Bis(2-ethylhexyl)phtha...	21.478	149	1621562	27.024	ng	# 51
85) Di-n-octyl phthalate	22.748	149	4509091	42.975	ng	99
87) Indeno(1,2,3-cd)pyrene	28.601	276	5415483	43.679	ng	97
88) Benzo(b)fluoranthene	23.807	252	4581480	45.507	ng	99
89) Benzo(k)fluoranthene	23.877	252	4556225	45.310	ng	99
90) Benzo(a)pyrene	24.689	252	4460221	46.770	ng	99
91) Dibenzo(a,h)anthracene	28.683	278	4476659	44.108	ng	98
92) Benzo(g,h,i)perylene	29.748	276	4491644	44.525	ng	99

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

Instrument :
BNA_P
ClientSampleId :
SB-1125-19MSD

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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

Manual Integration Report

Sequence:	BF120225	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3742-01	BF144401.D	Benzo(b)fluoranthene	Jagrut	12/3/2025 10:09:07 AM	Sohil	12/3/2025 3:31:19 PM	Peak Integrated by Software
Q3742-01	BF144401.D	Benzo(k)fluoranthene	Jagrut	12/3/2025 10:09:07 AM	Sohil	12/3/2025 3:31:19 PM	Peak Integrated by Software
Q3742-07	BF144403.D	Benzo(b)fluoranthene	Jagrut	12/3/2025 10:09:12 AM	Sohil	12/3/2025 3:31:24 PM	Peak Integrated by Software
Q3742-08	BF144404.D	Benzo(b)fluoranthene	Jagrut	12/3/2025 10:09:15 AM	Sohil	12/3/2025 3:31:26 PM	Peak Integrated by Software
Q3742-08	BF144404.D	Benzo(g,h,i)perylene	Jagrut	12/3/2025 10:09:15 AM	Sohil	12/3/2025 3:31:26 PM	Peak Integrated by Software
Q3742-08	BF144404.D	Benzo(k)fluoranthene	Jagrut	12/3/2025 10:09:15 AM	Sohil	12/3/2025 3:31:26 PM	Peak Integrated by Software
Q3742-09	BF144405.D	Benzo(b)fluoranthene	Jagrut	12/3/2025 10:09:17 AM	Sohil	12/3/2025 3:31:27 PM	Peak Integrated by Software
Q3742-17	BF144406.D	Benzo(b)fluoranthene	Jagrut	12/3/2025 10:09:19 AM	Sohil	12/3/2025 3:31:29 PM	Peak Integrated by Software
Q3742-17	BF144406.D	Benzo(k)fluoranthene	Jagrut	12/3/2025 10:09:19 AM	Sohil	12/3/2025 3:31:29 PM	Peak Integrated by Software
Q3742-18	BF144407.D	Benzo(a)anthracene	Jagrut	12/3/2025 10:09:21 AM	Sohil	12/3/2025 3:31:31 PM	Peak Integrated by Software
Q3742-18	BF144407.D	Benzo(b)fluoranthene	Jagrut	12/3/2025 10:09:21 AM	Sohil	12/3/2025 3:31:31 PM	Peak Integrated by Software
Q3742-18	BF144407.D	Benzo(k)fluoranthene	Jagrut	12/3/2025 10:09:21 AM	Sohil	12/3/2025 3:31:31 PM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

BF120225

Instrument

BNA_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	BP111825	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC020	BP026146.D	Benzo(g,h,i)perylene	Jagrut	11/19/2025 10:52:52 AM	Sohil	11/19/2025 3:40:17 PM	Peak Integrated by Software
SSTDICC020	BP026146.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:52 AM	Sohil	11/19/2025 3:40:17 PM	Peak Integrated by Software
SSTDICCC040	BP026147.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:55 AM	Sohil	11/19/2025 3:40:19 PM	Peak Integrated by Software
SSTDICC060	BP026149.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:57 AM	Sohil	11/19/2025 3:40:20 PM	Peak Integrated by Software
SSTDICC080	BP026150.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:59 AM	Sohil	11/19/2025 3:40:22 PM	Peak Integrated by Software
SSTDICV040	BP026151.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:53:01 AM	Sohil	11/19/2025 3:40:24 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	Bp120225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3742-02	BP026215.D	Benzo(a)anthracene	Jagrut	12/3/2025 10:10:47 AM	Sohil	12/3/2025 3:30:37 PM	Peak Integrated by Software
Q3742-04	BP026218.D	Benzoic acid	Jagrut	12/3/2025 10:10:49 AM	Sohil	12/3/2025 3:30:42 PM	Peak Integrated by Software
Q3742-03	BP026219.D	Benzo(k)fluoranthene	Jagrut	12/3/2025 10:10:51 AM	Sohil	12/3/2025 3:30:47 PM	Peak Integrated by Software
Q3742-03	BP026219.D	Benzoic acid	Jagrut	12/3/2025 10:10:51 AM	Sohil	12/3/2025 3:30:47 PM	Peak Integrated by Software
Q3742-03	BP026219.D	Chrysene	Jagrut	12/3/2025 10:10:51 AM	Sohil	12/3/2025 3:30:47 PM	Peak Integrated by Software
Q3742-10	BP026222.D	Benzo(a)anthracene	Jagrut	12/3/2025 10:10:56 AM	Sohil	12/3/2025 3:30:51 PM	Peak Integrated by Software
Q3742-10	BP026222.D	Benzo(k)fluoranthene	Jagrut	12/3/2025 10:10:56 AM	Sohil	12/3/2025 3:30:51 PM	Peak Integrated by Software

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF120225

Review By	Jagrut	Review On	12/3/2025 10:09:52 AM
Supervise By	Sohil	Supervise On	12/3/2025 3:31:56 PM
SubDirectory	BF120225	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	S13184,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144397.D	02 Dec 2025 10:31	RC/JU	Ok
2	SSTDCCC040	BF144398.D	02 Dec 2025 11:00	RC/JU	Ok
3	PB170788BL	BF144399.D	02 Dec 2025 13:16	RC/JU	Ok
4	PB170788BS	BF144400.D	02 Dec 2025 13:47	RC/JU	Ok
5	Q3742-01	BF144401.D	02 Dec 2025 14:21	RC/JU	Ok,M
6	Q3742-03	BF144402.D	02 Dec 2025 14:51	RC/JU	Not Ok
7	Q3742-07	BF144403.D	02 Dec 2025 15:20	RC/JU	Ok,M
8	Q3742-08	BF144404.D	02 Dec 2025 15:50	RC/JU	Ok,M
9	Q3742-09	BF144405.D	02 Dec 2025 16:19	RC/JU	Ok,M
10	Q3742-17	BF144406.D	02 Dec 2025 16:49	RC/JU	Ok,M
11	Q3742-18	BF144407.D	02 Dec 2025 17:19	RC/JU	Ok,M
12	Q3742-16	BF144408.D	02 Dec 2025 17:49	RC/JU	Ok
13	Q3746-01	BF144409.D	02 Dec 2025 18:19	RC/JU	Ok
14	Q3750-01	BF144410.D	02 Dec 2025 18:49	RC/JU	Dilution
15	Q3750-04	BF144411.D	02 Dec 2025 19:18	RC/JU	Ok,M
16	Q3748-01	BF144412.D	02 Dec 2025 19:48	RC/JU	Ok
17	Q3719-13	BF144413.D	02 Dec 2025 20:18	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP111825

Review By	Jagrut	Review On	11/19/2025 10:53:24 AM
Supervise By	Sohil	Supervise On	11/19/2025 3:40:33 PM
SubDirectory	BP111825	HP Acquire Method	BNA_P
		HP Processing Method	BP111825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917		
CCC	SP6913		
Internal Standard/PEM	S13183,10ul/1000ul sample		
ICV/I.BLK	SP6928		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026142.D	18 Nov 2025 13:45	RC/JU	Ok
2	SSTDICC2.5	BP026143.D	18 Nov 2025 14:31	RC/JU	Ok
3	SSTDICC005	BP026144.D	18 Nov 2025 15:12	RC/JU	Ok
4	SSTDICC010	BP026145.D	18 Nov 2025 15:54	RC/JU	Ok
5	SSTDICC020	BP026146.D	18 Nov 2025 16:35	RC/JU	Ok,M
6	SSTDICCC040	BP026147.D	18 Nov 2025 17:57	RC/JU	Ok,M
7	SSTDICC050	BP026148.D	18 Nov 2025 18:38	RC/JU	Ok
8	SSTDICC060	BP026149.D	18 Nov 2025 20:00	RC/JU	Ok,M
9	SSTDICC080	BP026150.D	18 Nov 2025 21:22	RC/JU	Ok,M
10	SSTDICV040	BP026151.D	18 Nov 2025 23:25	RC/JU	Ok,M
11	PB170493TB	BP026152.D	19 Nov 2025 00:06	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP120225

Review By	Jagrut	Review On	12/3/2025 10:12:44 AM
Supervise By	Sohil	Supervise On	12/3/2025 3:31:04 PM
SubDirectory	BP120225	HP Acquire Method	BNA_P
		HP Processing Method	BP111825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917		
CCC	SP6913		
Internal Standard/PEM	S13184,10ul/1000ul sample		
ICV/I.BLK	SP6928		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026206.D	02 Dec 2025 13:50	RC/JU	Ok
2	SSTDCCC040	BP026207.D	02 Dec 2025 14:31	RC/JU	Ok
3	PB170782BL	BP026208.D	02 Dec 2025 15:12	RC/JU	Not Ok
4	PB170782BS	BP026209.D	02 Dec 2025 15:53	RC/JU	Ok
5	PB170782BSD	BP026210.D	02 Dec 2025 16:34	RC/JU	Ok
6	PB170782BL	BP026211.D	02 Dec 2025 17:15	RC/JU	Ok
7	SP6937	BP026212.D	02 Dec 2025 17:56	RC/JU	Ok,M
8	Q3743-01	BP026213.D	02 Dec 2025 18:37	RC/JU	Ok
9	Q3743-02	BP026214.D	02 Dec 2025 19:18	RC/JU	Ok
10	Q3742-02	BP026215.D	02 Dec 2025 19:59	RC/JU	Ok,M
11	Q3742-02MS	BP026216.D	02 Dec 2025 20:40	RC/JU	Ok
12	Q3742-02MSD	BP026217.D	02 Dec 2025 21:21	RC/JU	Ok
13	Q3742-04	BP026218.D	02 Dec 2025 22:02	RC/JU	Ok,M
14	Q3742-03	BP026219.D	02 Dec 2025 22:43	RC/JU	Ok,M
15	Q3742-05	BP026220.D	02 Dec 2025 23:24	RC/JU	Ok
16	Q3742-06	BP026221.D	03 Dec 2025 00:06	RC/JU	Ok
17	Q3742-10	BP026222.D	03 Dec 2025 00:47	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF120225

Review By	Jagrut	Review On	12/3/2025 10:09:52 AM		
Supervise By	Sohil	Supervise On	12/3/2025 3:31:56 PM		
SubDirectory	BF120225	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	S13184,10ul/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	BF144397.D	02 Dec 2025 10:31		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144398.D	02 Dec 2025 11:00		RC/JU	Ok
3	PB170788BL	PB170788BL	BF144399.D	02 Dec 2025 13:16		RC/JU	Ok
4	PB170788BS	PB170788BS	BF144400.D	02 Dec 2025 13:47		RC/JU	Ok
5	Q3742-01	SB-1125-23	BF144401.D	02 Dec 2025 14:21		RC/JU	Ok,M
6	Q3742-03	SB-1125-8	BF144402.D	02 Dec 2025 14:51	Hit of # 09 (Below CRQL)	RC/JU	Not Ok
7	Q3742-07	SB-1125-18	BF144403.D	02 Dec 2025 15:20		RC/JU	Ok,M
8	Q3742-08	SB-1125-20	BF144404.D	02 Dec 2025 15:50		RC/JU	Ok,M
9	Q3742-09	SB-1125-22	BF144405.D	02 Dec 2025 16:19		RC/JU	Ok,M
10	Q3742-17	SB-1125-25	BF144406.D	02 Dec 2025 16:49		RC/JU	Ok,M
11	Q3742-18	SB-1125-24	BF144407.D	02 Dec 2025 17:19		RC/JU	Ok,M
12	Q3742-16	SB-1125-1	BF144408.D	02 Dec 2025 17:49		RC/JU	Ok
13	Q3746-01	ROW	BF144409.D	02 Dec 2025 18:19		RC/JU	Ok
14	Q3750-01	FENCE WC-1	BF144410.D	02 Dec 2025 18:49	Need 5X Dilution	RC/JU	Dilution
15	Q3750-04	FENCE WC-2	BF144411.D	02 Dec 2025 19:18		RC/JU	Ok,M
16	Q3748-01	AU-05-12-1-2025	BF144412.D	02 Dec 2025 19:48	Internal Standard Fail	RC/JU	Ok
17	Q3719-13	SB-1125-17A	BF144413.D	02 Dec 2025 20:18	Internal Standard Fail	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP111825

Review By	Jagrut	Review On	11/19/2025 10:53:24 AM
Supervise By	Sohil	Supervise On	11/19/2025 3:40:33 PM
SubDirectory	BP111825	HP Acquire Method	BNA_P
		HP Processing Method	BP111825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917		
CCC	SP6913		
Internal Standard/PEM	S13183,10ul/1000ul sample		
ICV/I.BLK	SP6928		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026142.D	18 Nov 2025 13:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP026143.D	18 Nov 2025 14:31		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP026144.D	18 Nov 2025 15:12		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BP026145.D	18 Nov 2025 15:54		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BP026146.D	18 Nov 2025 16:35		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP026147.D	18 Nov 2025 17:57		RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP026148.D	18 Nov 2025 18:38		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BP026149.D	18 Nov 2025 20:00		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP026150.D	18 Nov 2025 21:22		RC/JU	Ok,M
10	SSTDICV040	ICVBP111825	BP026151.D	18 Nov 2025 23:25		RC/JU	Ok,M
11	PB170493TB	PB170493TB	BP026152.D	19 Nov 2025 00:06		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP120225

Review By	Jagrut	Review On	12/3/2025 10:12:44 AM
Supervise By	Sohil	Supervise On	12/3/2025 3:31:04 PM
SubDirectory	BP120225	HP Acquire Method	BNA_P
		HP Processing Method	BP111825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917		
CCC	SP6913		
Internal Standard/PEM	S13184,10ul/1000ul sample		
ICV/I.BLK	SP6928		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026206.D	02 Dec 2025 13:50		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026207.D	02 Dec 2025 14:31		RC/JU	Ok
3	PB170782BL	PB170782BL	BP026208.D	02 Dec 2025 15:12	Surrogate fail & internal standard fail	RC/JU	Not Ok
4	PB170782BS	PB170782BS	BP026209.D	02 Dec 2025 15:53		RC/JU	Ok
5	PB170782BSD	PB170782BSD	BP026210.D	02 Dec 2025 16:34		RC/JU	Ok
6	PB170782BL	PB170782BL	BP026211.D	02 Dec 2025 17:15		RC/JU	Ok
7	SP6937	SP6937	BP026212.D	02 Dec 2025 17:56	8270/625.1 SPIKE	RC/JU	Ok,M
8	Q3743-01	TW-1125-1	BP026213.D	02 Dec 2025 18:37		RC/JU	Ok
9	Q3743-02	TW-1125-2	BP026214.D	02 Dec 2025 19:18		RC/JU	Ok
10	Q3742-02	SB-1125-19	BP026215.D	02 Dec 2025 19:59		RC/JU	Ok,M
11	Q3742-02MS	SB-1125-19MS	BP026216.D	02 Dec 2025 20:40		RC/JU	Ok
12	Q3742-02MSD	SB-1125-19MSD	BP026217.D	02 Dec 2025 21:21		RC/JU	Ok
13	Q3742-04	SB-1125-9	BP026218.D	02 Dec 2025 22:02		RC/JU	Ok,M
14	Q3742-03	SB-1125-8	BP026219.D	02 Dec 2025 22:43		RC/JU	Ok,M
15	Q3742-05	SB-1125-21	BP026220.D	02 Dec 2025 23:24		RC/JU	Ok
16	Q3742-06	SB-1125-13	BP026221.D	03 Dec 2025 00:06		RC/JU	Ok
17	Q3742-10	SB-1125-2	BP026222.D	03 Dec 2025 00:47		RC/JU	Ok,M

M : Manual Integration

SOP ID:	M3541-ASE Extraction-15		
Clean Up SOP #:	N/A	Extraction Start Date :	12/02/2025
Matrix :	Solid	Extraction Start Time :	10:03
Weigh By:	EH	Extraction By:	RJ
Balance check:	EH	Filter By:	RJ
Balance ID:	EX-SC-2	pH Meter ID:	N/A
pH Strip Lot#:	N/A	Hood ID:	3,7
Extraction Method:	☐ Separatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet		
Extraction End Date :	12/02/2025		
Extraction End Time :	13:10		
Concentration By:	EH		
Supervisor By :	RUPESH		

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6937
Surrogate	1.0ML	100/150 PPM	SP6918
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2659
Baked Na2SO4	N/A	EP2663
Sand	N/A	E3951
Methylene Chloride	N/A	E3986
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/2/25	RS (Ext Lab)	JY/ SVOC
13:15	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 12/02/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170788BL	SBLK788	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			U2-1
PB170788BS	SLCS788	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			2
Q3742-01	SB-1125-23	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		3
Q3742-02	SB-1125-19	SVOC-TCL BNA -20	30.09	N/A	ritesh	Evelyn	1	E		4
Q3742-02MS	SB-1125-19MS	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	E		5
Q3742-02MS D	SB-1125-19MSD	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		6
Q3742-03	SB-1125-8	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	E		U1-1
Q3742-04	SB-1125-9	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		2
Q3742-05	SB-1125-21	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		3
Q3742-06	SB-1125-13	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	E		4
Q3742-07	SB-1125-18	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	E		5
Q3742-08	SB-1125-20	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		6
Q3742-09	SB-1125-22	SVOC-TCL BNA -20	30.09	N/A	ritesh	Evelyn	1	E		U2-1
Q3742-10	SB-1125-2	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		2
Q3742-16	SB-1125-1	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	E		3
Q3742-17	SB-1125-25	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		4
Q3742-18	SB-1125-24	SVOC-TCL BNA -20	30.08	N/A	ritesh	Evelyn	1	E		5
Q3746-01	ROW	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		6
Q3748-01	AU-05-12-1-2025	SVOC-TCL BNA -20	50.09	N/A	ritesh	Evelyn	1	E		U6-1
Q3750-01	FENCE WC-1	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		2
Q3750-04	FENCE WC-2	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		3

* Extracts relinquished on the same date as received.

RS
12/2

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3746 WorkList ID : 193418 Department : Extraction Date : 12-02-2025 09:58:07

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3742-01	SB-1125-23	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01		11/25/6025	8270E
Q3742-02	SB-1125-19	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01		11/25/2025	8270E
Q3742-03	SB-1125-8	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01		11/25/2025	8270E
Q3742-04	SB-1125-9	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01		11/25/2025	8270E
Q3742-05	SB-1125-21	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01		11/25/2025	8270E
Q3742-06	SB-1125-13	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01		11/25/2025	8270E
Q3742-07	SB-1125-18	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01		11/25/2025	8270E
Q3742-08	SB-1125-20	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01		11/25/2025	8270E
Q3742-09	SB-1125-22	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01		11/25/2025	8270E
Q3742-10	SB-1125-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01		11/25/2025	8270E
Q3742-16	SB-1125-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01		11/25/2025	8270E
Q3742-17	SB-1125-25	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01		11/25/2025	8270E
Q3742-18	SB-1125-24	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01		11/25/2025	8270E
Q3746-01	ROW	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	A11	12/02/2025	8270E
Q3748-01	AU-05-12-1-2025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	A12	12/01/2025	8270E
Q3750-01	FENCE WC-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	A11	12/01/2025	8270E
Q3750-04	FENCE WC-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	A11	12/01/2025	8270E

Date/Time 12/2/25 9:58
Raw Sample Received by: RS (Ext-Lab)
Raw Sample Relinquished by: CP SM

Date/Time 12/2/25 10:30
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: RS (Ext-Lab)

LAB CHRONICLE

OrderID:	Q3742	OrderDate:	12/1/2025 9:06:00 AM
Client:	Remington & Vernick	Project:	Sadler Property
Contact:	Justin Zarzecki	Location:	A21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3742-01	SB-1125-23	SOIL	SVOC-TCL BNA -20	8270E	11/25/25	12/02/25	12/02/25	11/26/25
Q3742-02	SB-1125-19	SOIL	SVOC-TCL BNA -20	8270E	11/25/25	12/02/25	12/02/25	11/26/25
Q3742-03	SB-1125-8	SOIL	SVOC-TCL BNA -20	8270E	11/25/25	12/02/25	12/02/25	11/26/25
Q3742-04	SB-1125-9	SOIL	SVOC-TCL BNA -20	8270E	11/25/25	12/02/25	12/02/25	11/26/25
Q3742-05	SB-1125-21	SOIL	SVOC-TCL BNA -20	8270E	11/25/25	12/02/25	12/02/25	11/26/25
Q3742-06	SB-1125-13	SOIL	SVOC-TCL BNA -20	8270E	11/25/25	12/02/25	12/03/25	11/26/25
Q3742-07	SB-1125-18	SOIL	SVOC-TCL BNA -20	8270E	11/25/25	12/02/25	12/02/25	11/26/25
Q3742-08	SB-1125-20	SOIL	SVOC-TCL BNA -20	8270E	11/25/25	12/02/25	12/02/25	11/26/25
Q3742-09	SB-1125-22	SOIL	SVOC-TCL BNA -20	8270E	11/25/25	12/02/25	12/02/25	11/26/25
Q3742-10	SB-1125-2	SOIL	SVOC-TCL BNA -20	8270E	11/25/25	12/02/25	12/03/25	11/26/25
Q3742-16	SB-1125-1	SOIL	SVOC-TCL BNA -20	8270E	11/25/25	12/02/25	12/02/25	11/26/25
Q3742-17	SB-1125-25	SOIL			11/25/25			11/26/25

