

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
 Data File : BF142960.D
 Acq On : 01 Jul 2025 20:33
 Operator : RC/JU
 Sample : Q2464-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-3-063025

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-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142960.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.457	380	385	391	rBB	5210	7871	1.18%	0.131%
2	5.075	484	490	497	rBV	9197	12710	1.91%	0.211%
3	5.493	556	561	569	rBV	73483	105411	15.86%	1.750%
4	6.504	728	733	746	rBV	69177	98448	14.81%	1.634%
5	6.875	791	796	805	rVB	171592	212779	32.01%	3.532%
6	7.434	886	891	903	rBV	44174	57072	8.59%	0.947%
7	8.157	1009	1014	1038	rBV	210874	257281	38.70%	4.271%
8	9.234	1192	1197	1209	rVB	107530	135561	20.39%	2.250%
9	9.775	1285	1289	1296	rVB	6084	7145	1.07%	0.119%
10	9.916	1308	1313	1317	rBV	239370	297546	44.76%	4.940%
11	9.945	1317	1318	1322	rVB	11526	9598	1.44%	0.159%
12	10.463	1399	1406	1412	rVB	12213	16490	2.48%	0.274%
13	10.622	1427	1433	1440	rVV	18390	25183	3.79%	0.418%
14	10.704	1442	1447	1458	rVB	74487	94585	14.23%	1.570%
15	11.010	1491	1499	1502	rBV3	4755	8132	1.22%	0.135%
16	11.251	1537	1540	1544	rVV2	4816	7285	1.10%	0.121%
17	11.304	1544	1549	1556	rVB	7718	11638	1.75%	0.193%
18	11.404	1561	1566	1569	rBV	288774	413457	62.20%	6.864%
19	11.481	1575	1579	1583	rBV	39330	47619	7.16%	0.791%
20	11.639	1600	1606	1611	rBV2	10161	18674	2.81%	0.310%
21	11.739	1619	1623	1628	rVB4	6460	9992	1.50%	0.166%
22	11.910	1647	1652	1653	rBV	27023	35083	5.28%	0.582%
23	11.933	1653	1656	1661	rVV	45929	60904	9.16%	1.011%
24	11.981	1661	1664	1667	rVV	14763	19191	2.89%	0.319%
25	12.022	1667	1671	1679	rVB2	58518	102622	15.44%	1.704%
26	12.092	1679	1683	1688	rBV6	4005	7373	1.11%	0.122%
27	12.204	1694	1702	1704	rBV	24533	35184	5.29%	0.584%
28	12.228	1704	1706	1711	rVB	17439	21408	3.22%	0.355%
29	12.351	1721	1727	1729	rBV5	8446	12459	1.87%	0.207%
30	12.457	1740	1745	1748	rBV	24801	35323	5.31%	0.586%
31	12.492	1748	1751	1756	rVV3	16324	29772	4.48%	0.494%
32	12.545	1756	1760	1768	rVB	32335	45878	6.90%	0.762%
33	12.622	1768	1773	1778	rBV	508995	629461	94.69%	10.450%
34	12.680	1778	1783	1787	rVB2	9680	16540	2.49%	0.275%
35	12.769	1791	1798	1805	rBV2	17740	35241	5.30%	0.585%
36	12.851	1805	1812	1817	rBV	416691	612113	92.08%	10.162%

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Integration Parameters: rteint.p

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Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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37	12.898	1817	1820	1825	rVB2	18419	26034	3.92%	0.432%
38	12.986	1828	1835	1843	rVB2	185994	283020	42.58%	4.698%
39	13.069	1843	1849	1856	rBV3	34802	74734	11.24%	1.241%
40	13.175	1860	1867	1871	rVB2	49313	90202	13.57%	1.497%
41	13.245	1875	1879	1882	rBV	24465	30470	4.58%	0.506%
42	13.280	1882	1885	1892	rVB3	38148	60260	9.07%	1.000%
43	13.375	1898	1901	1904	rBV	15637	18870	2.84%	0.313%
44	13.404	1904	1906	1910	rVV3	16653	20480	3.08%	0.340%
45	13.557	1929	1932	1934	rBV3	10774	14415	2.17%	0.239%
46	13.686	1951	1954	1959	rVB	32212	42134	6.34%	0.699%
47	13.798	1969	1973	1976	rBV2	38053	59889	9.01%	0.994%
48	13.857	1980	1983	1986	rVV2	28837	48698	7.33%	0.808%
49	13.898	1986	1990	1998	rVB	39989	65391	9.84%	1.086%
50	14.045	2008	2015	2019	rBV2	368404	664749	100.00%	11.035%
51	14.433	2079	2081	2085	rVB	19305	21499	3.23%	0.357%
52	15.104	2190	2195	2204	rBV	136094	313027	47.09%	5.197%
53	15.416	2244	2248	2254	rVB	67042	106786	16.06%	1.773%
54	15.480	2254	2259	2264	rBV	98454	151266	22.76%	2.511%
55	15.545	2265	2270	2284	rVB2	151653	280947	42.26%	4.664%
56	17.051	2522	2526	2535	rVB2	45647	97885	14.73%	1.625%

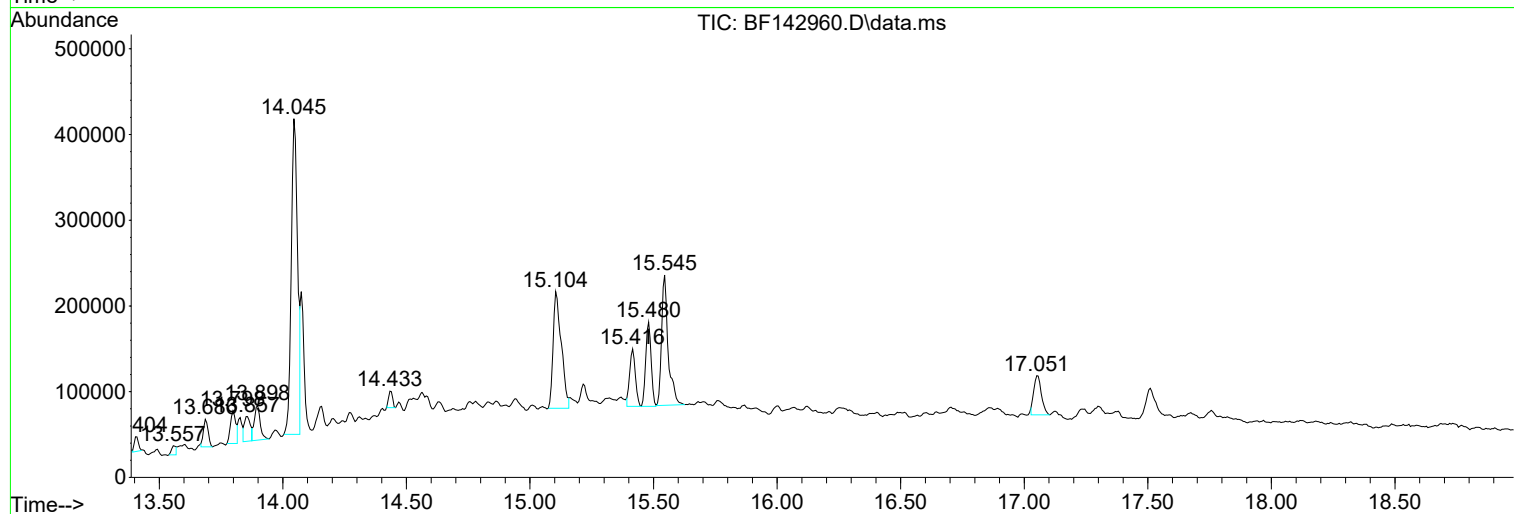
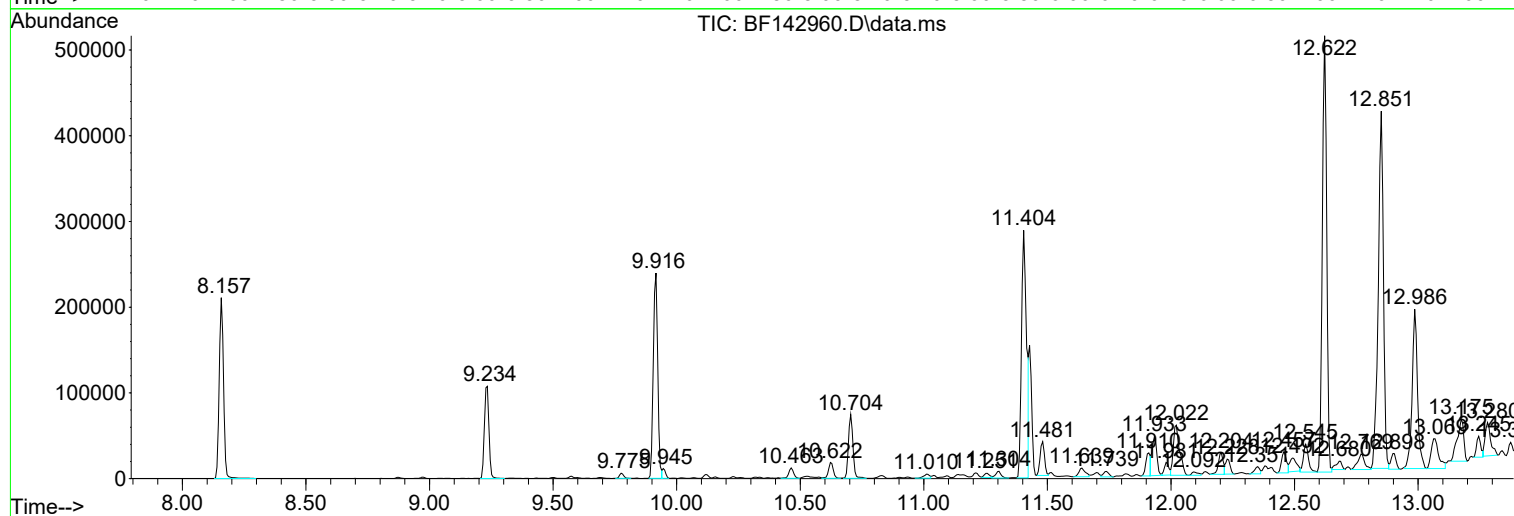
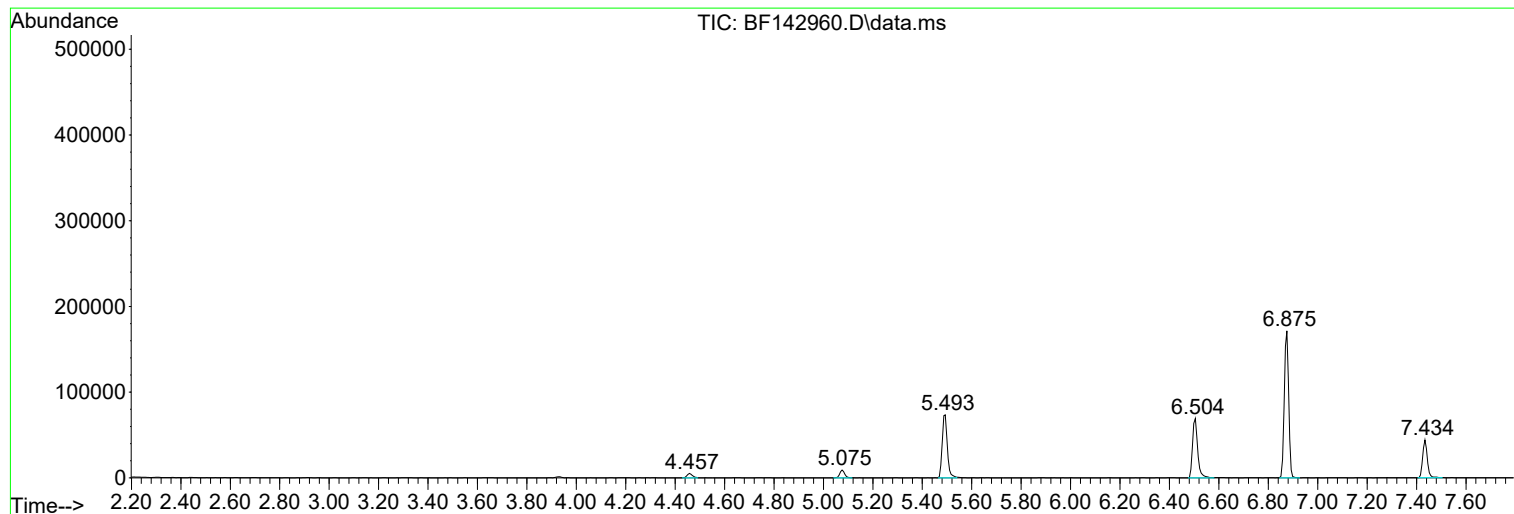
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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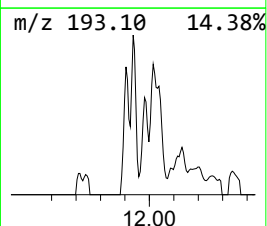
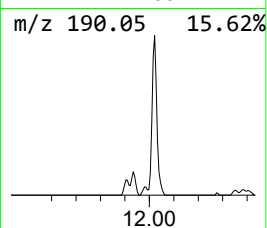
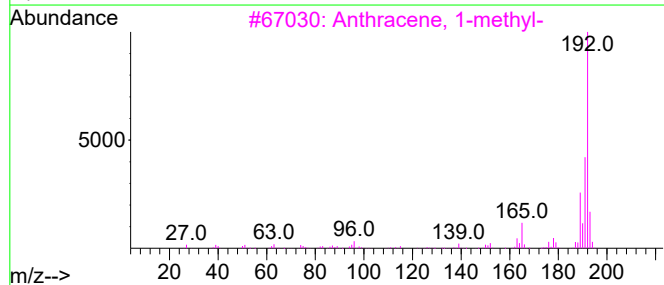
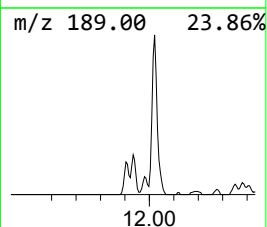
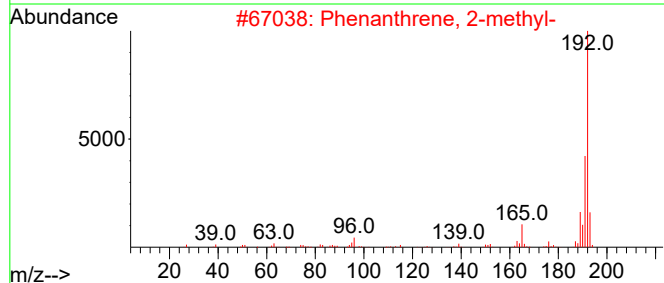
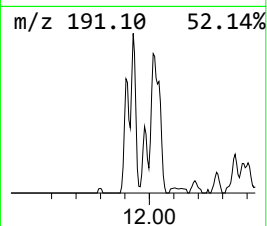
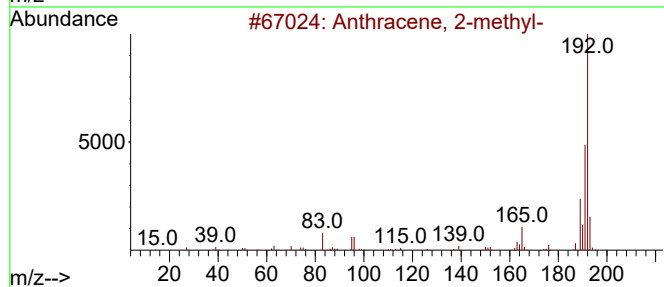
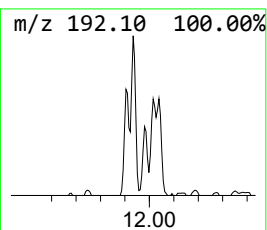
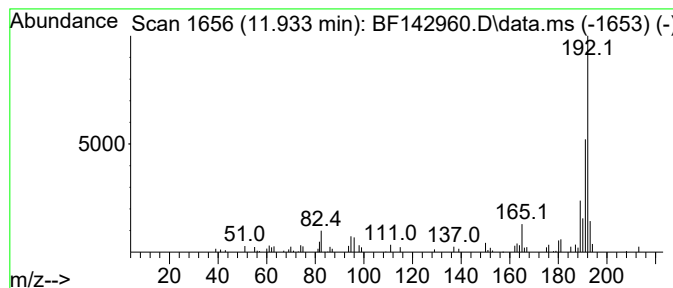
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.934	2.95 ng	60904	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91



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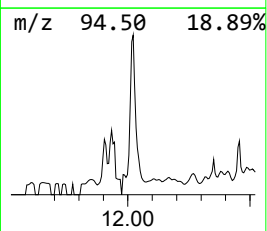
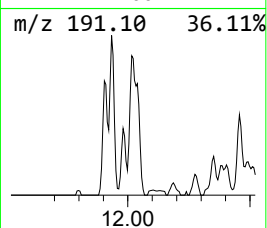
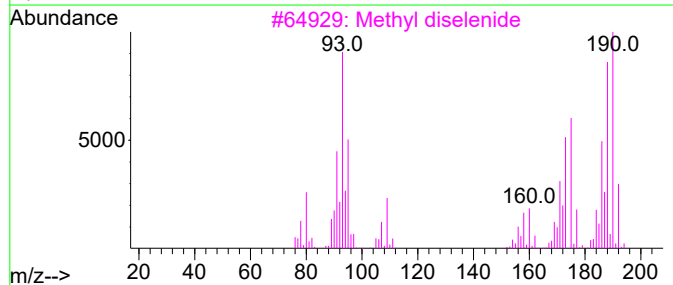
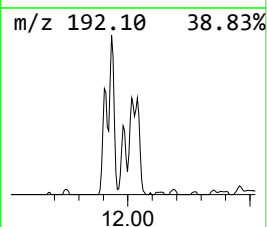
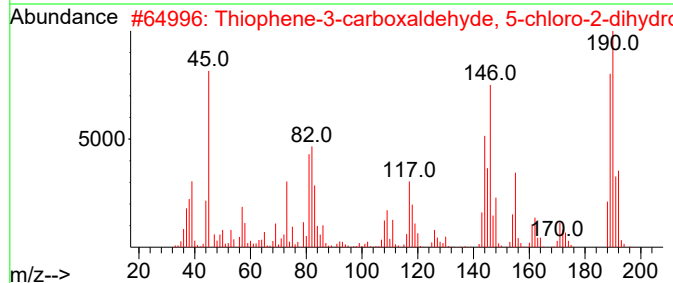
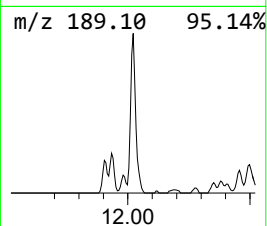
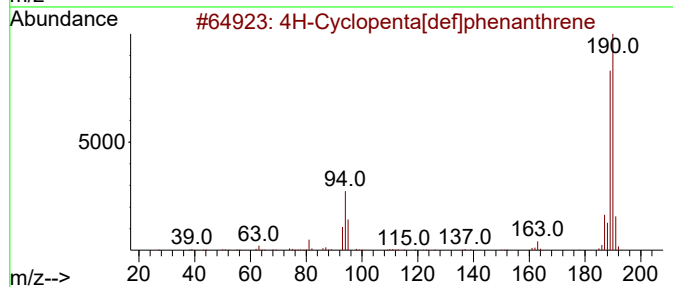
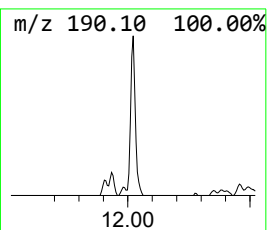
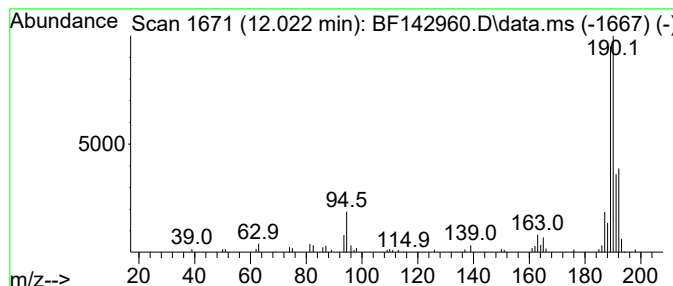
Instrument :
BNA_F
ClientSampleId :
OR-3-063025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.022	4.96 ng	102622	Phenanthrene-d10	11.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	Methyl diselenide	190	C2H6Se2	007101-31-7	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38



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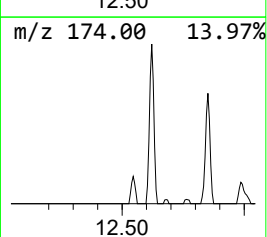
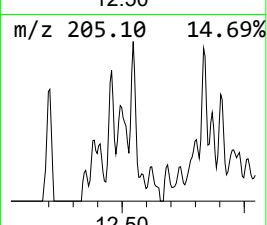
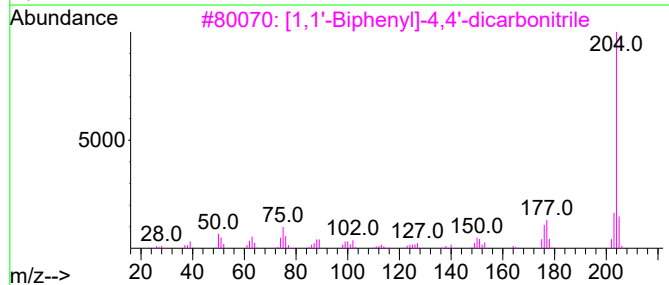
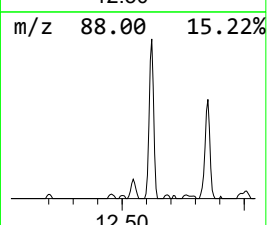
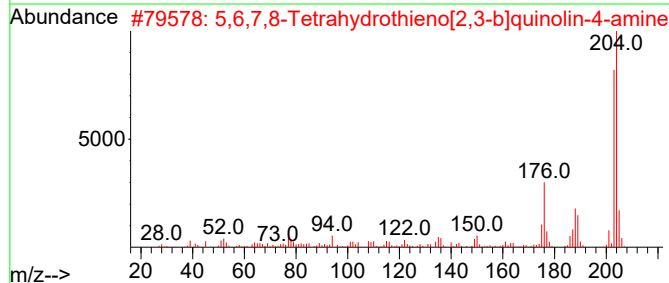
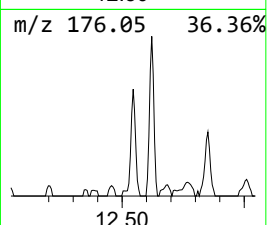
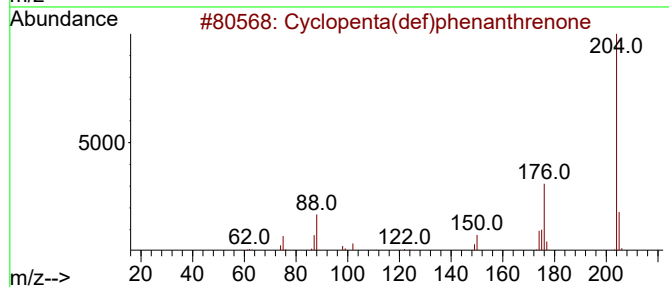
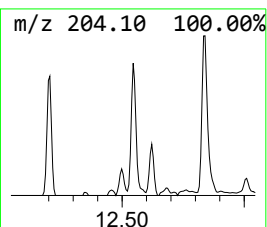
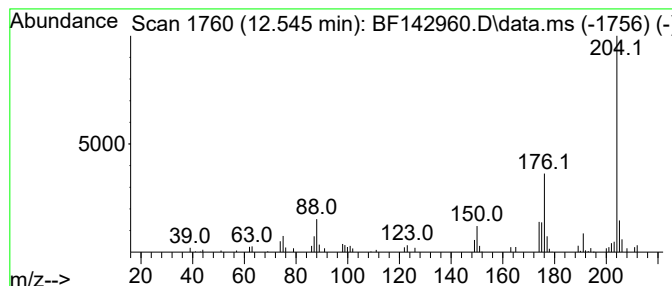
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopenta(def)phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	2.22 ng	45878	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	94
2			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	72
3			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
4			4-Methoxy-6-(3-fluorophenyl)pyri...	204	C11H9FN2O	076128-74-0	53
5			Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	53



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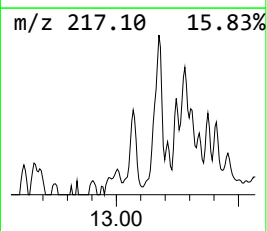
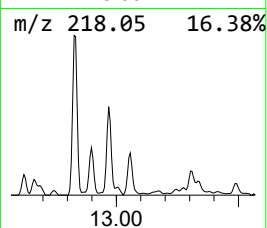
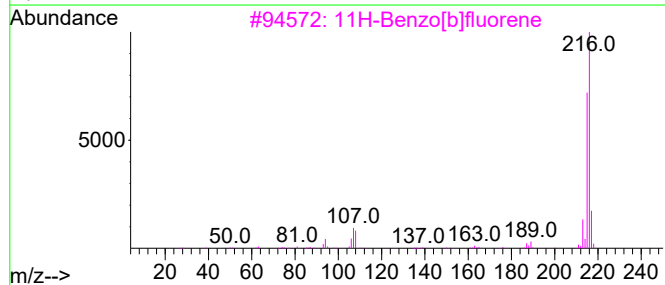
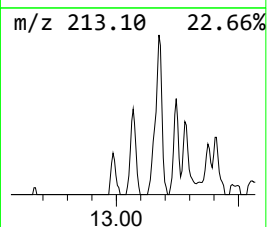
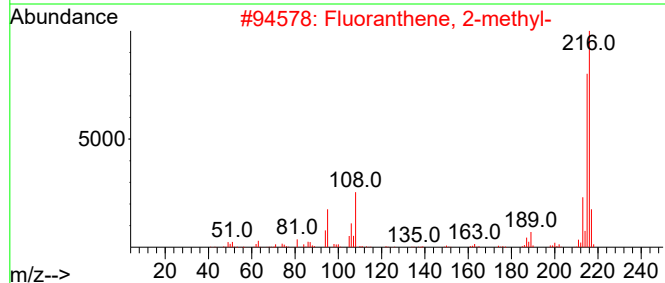
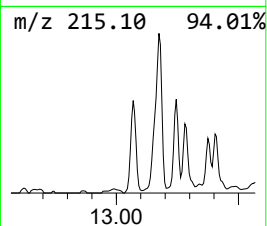
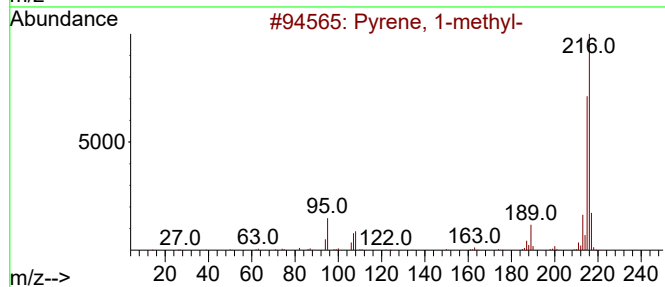
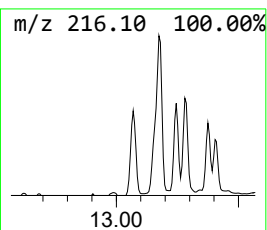
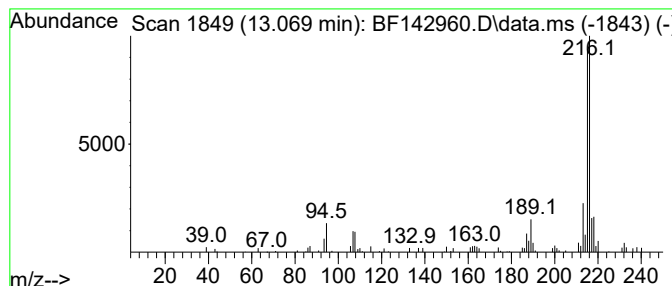
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	2.25 ng	74734	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	70



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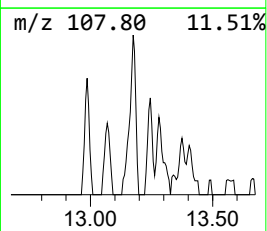
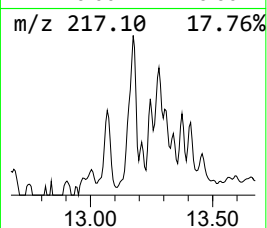
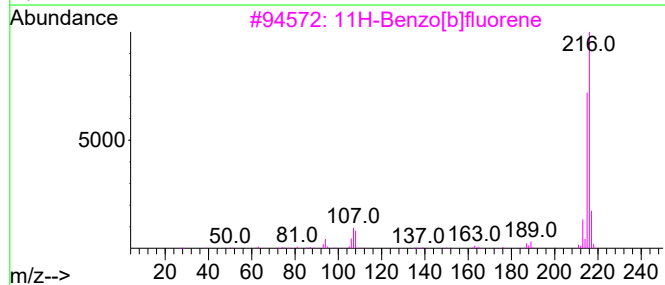
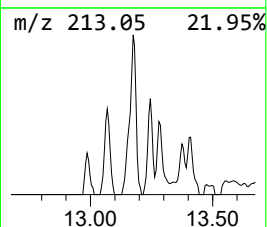
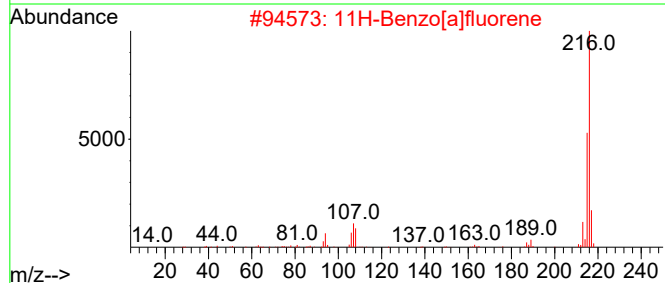
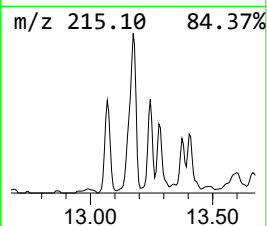
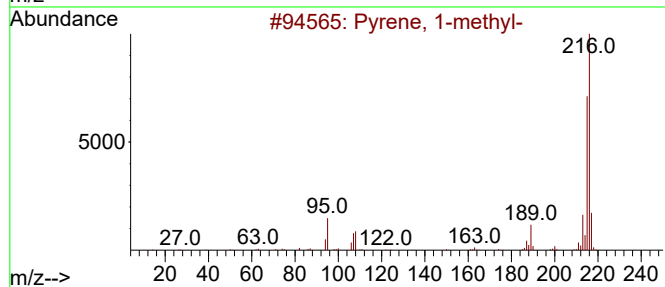
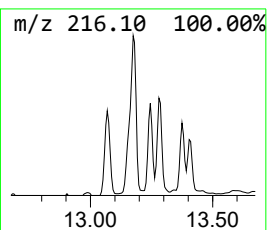
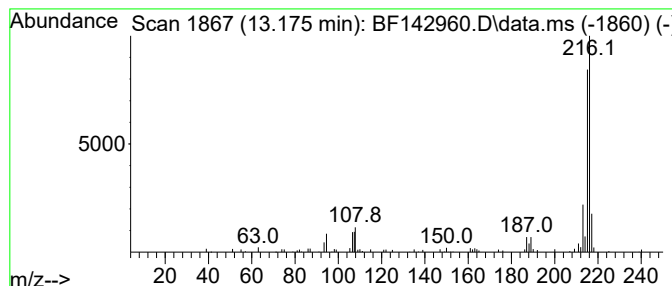
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.175	2.71 ng	90202	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142960.D
Acq On : 01 Jul 2025 20:33
Operator : RC/JU
Sample : Q2464-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-063025

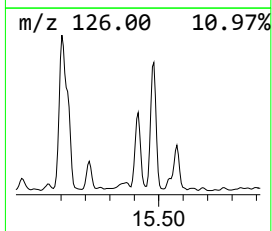
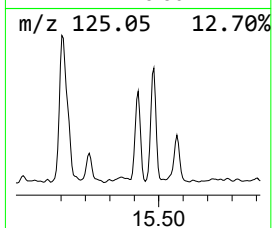
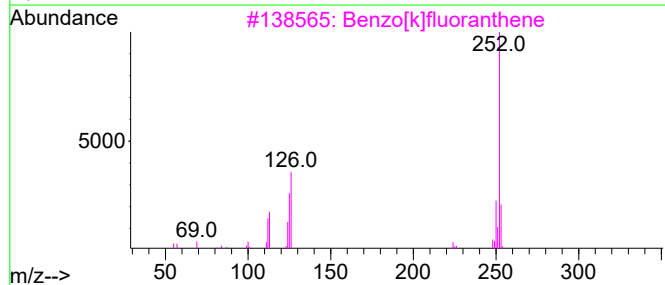
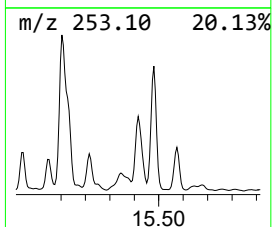
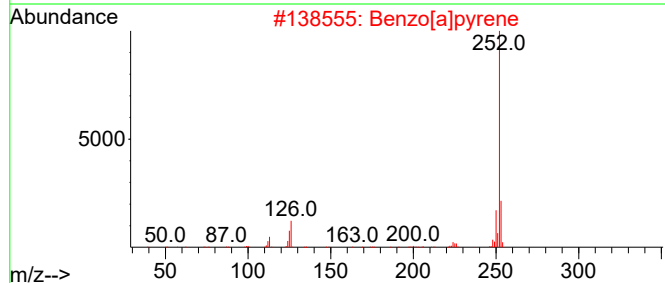
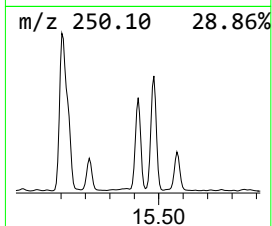
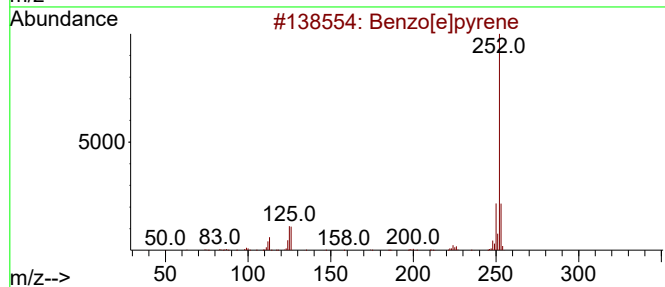
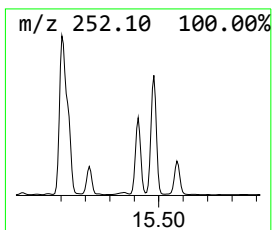
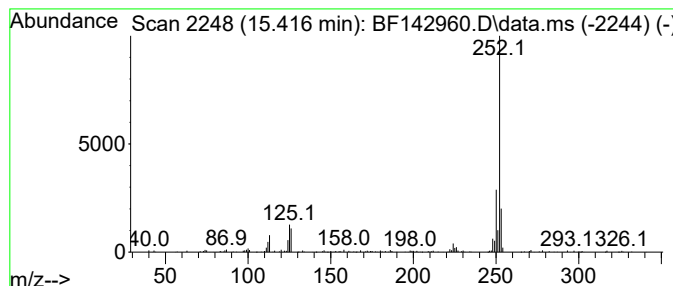
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	7.60 ng	106786	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[a]pyrene	252	C20H12	000050-32-8	98
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142960.D
Acq On : 01 Jul 2025 20:33
Operator : RC/JU
Sample : Q2464-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-063025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
Anthracene, 2-m...	11.934	3.0	ng	60904	4	11.404	413457	20.0
4H-Cyclopenta[d...	12.022	5.0	ng	102622	4	11.404	413457	20.0
Cyclopenta(def)...	12.545	2.2	ng	45878	4	11.404	413457	20.0
Pyrene, 1-methyl-	13.069	2.3	ng	74734	5	14.051	664749	20.0
11H-Benzo[a]flu...	13.175	2.7	ng	90202	5	14.051	664749	20.0
Benzo[e]pyrene	15.416	7.6	ng	106786	6	15.545	280947	20.0