

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
 Data File : BF136151.D
 Acq On : 06 Nov 2023 13:26
 Operator : CG\JU
 Sample : 05237-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111TH-ST-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136151.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.557	416	420	424	rVB	42297	43059	2.10%	0.178%
2	5.051	499	504	511	rVB	26653	31941	1.55%	0.132%
3	5.446	566	571	574	rBV	1874753	1851404	90.11%	7.637%
4	6.451	736	742	745	rBV	1873413	1824798	88.81%	7.528%
5	6.816	801	804	808	rBV	738112	576835	28.07%	2.380%
6	7.381	895	900	903	rBV	1462350	1198480	58.33%	4.944%
7	8.098	1018	1022	1024	rBV	1028496	776310	37.78%	3.202%
8	8.116	1024	1025	1030	rVB	117459	78876	3.84%	0.325%
9	8.810	1140	1143	1146	rBV	69872	48722	2.37%	0.201%
10	8.910	1155	1160	1163	rBV	56520	41588	2.02%	0.172%
11	9.181	1202	1206	1209	rBV	2398404	2054636	100.00%	8.476%
12	9.298	1224	1226	1230	rVB	33902	28377	1.38%	0.117%
13	9.445	1246	1251	1254	rVV3	21699	29333	1.43%	0.121%
14	9.510	1257	1262	1265	rBV	39647	40358	1.96%	0.166%
15	9.539	1265	1267	1270	rVB	33832	24173	1.18%	0.100%
16	9.857	1313	1321	1324	rBV	1105149	871717	42.43%	3.596%
17	9.886	1324	1326	1330	rVB	202427	158361	7.71%	0.653%
18	10.057	1352	1355	1359	rVB	117874	102379	4.98%	0.422%
19	10.269	1386	1391	1401	rBV5	14803	28864	1.40%	0.119%
20	10.404	1411	1414	1417	rBV	195197	153147	7.45%	0.632%
21	10.563	1439	1441	1446	rVB	48650	39675	1.93%	0.164%
22	10.645	1451	1455	1459	rBV	1605890	1435102	69.85%	5.920%
23	10.957	1501	1508	1510	rBV3	38118	52465	2.55%	0.216%
24	11.086	1525	1530	1531	rBV3	21213	24762	1.21%	0.102%
25	11.151	1538	1541	1545	rVB	61278	53652	2.61%	0.221%
26	11.204	1545	1550	1554	rVV4	25763	46363	2.26%	0.191%
27	11.245	1554	1557	1562	rVB	71497	65943	3.21%	0.272%
28	11.351	1571	1575	1577	rBV	943683	910266	44.30%	3.755%
29	11.375	1577	1579	1582	rVV	1428342	1024458	49.86%	4.226%
30	11.422	1582	1587	1590	rVV	332610	286345	13.94%	1.181%
31	11.457	1590	1593	1597	rVB2	32896	31633	1.54%	0.130%
32	11.580	1611	1614	1616	rVB	138264	104348	5.08%	0.430%
33	11.651	1623	1626	1629	rBV4	25547	24203	1.18%	0.100%
34	11.680	1629	1631	1637	rVB4	25095	25857	1.26%	0.107%
35	11.851	1655	1660	1662	rBV	124930	116692	5.68%	0.481%
36	11.886	1662	1666	1670	rVV2	287954	372096	18.11%	1.535%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.927	1670	1673	1676	rVV2	96610	90213	4.39%	0.372%
38	11.963	1676	1679	1682	rVV	197272	220948	10.75%	0.911%
39	11.986	1682	1683	1686	rVB	86098	50062	2.44%	0.207%
40	12.151	1708	1711	1713	rBV	90388	75395	3.67%	0.311%

41	12.169	1713	1714	1718	rVB	47756	38032	1.85%	0.157%
42	12.298	1731	1736	1739	rBV2	30589	33063	1.61%	0.136%
43	12.404	1750	1754	1757	rBV	66985	70475	3.43%	0.291%
44	12.445	1757	1761	1763	rVV	43942	58812	2.86%	0.243%
45	12.492	1766	1769	1774	rVB3	45511	58062	2.83%	0.240%

46	12.569	1778	1782	1786	rVV	1205367	992226	48.29%	4.093%
47	12.627	1788	1792	1796	rVV3	22633	38675	1.88%	0.160%
48	12.680	1798	1801	1805	rVV4	44921	59849	2.91%	0.247%
49	12.722	1805	1808	1812	rVV	37942	43322	2.11%	0.179%
50	12.798	1815	1821	1827	rBV	868939	954953	46.48%	3.939%

51	12.851	1827	1830	1835	rVB2	44415	57675	2.81%	0.238%
52	12.916	1838	1841	1843	rBV	52700	49628	2.42%	0.205%
53	12.951	1843	1847	1850	rVV	2100588	1774074	86.34%	7.318%
54	13.021	1853	1859	1862	rBV2	62211	100923	4.91%	0.416%
55	13.104	1870	1873	1875	rBV4	43916	49280	2.40%	0.203%

56	13.127	1875	1877	1881	rVB	139737	123487	6.01%	0.509%
57	13.198	1885	1889	1891	rBV	99718	85644	4.17%	0.353%
58	13.233	1891	1895	1897	rVV	103957	99222	4.83%	0.409%
59	13.263	1897	1900	1903	rVB	41694	42013	2.04%	0.173%
60	13.327	1908	1911	1914	rBV	44918	38907	1.89%	0.161%

61	13.357	1914	1916	1920	rBV	51411	45699	2.22%	0.189%
62	13.433	1926	1929	1935	rBV5	24505	30546	1.49%	0.126%
63	13.504	1938	1941	1943	rBV2	24971	28559	1.39%	0.118%
64	13.639	1957	1964	1969	rBV2	61567	85640	4.17%	0.353%
65	13.751	1978	1983	1986	rBV2	71244	91635	4.46%	0.378%

66	13.780	1986	1988	1990	rBV	59702	47818	2.33%	0.197%
67	13.845	1997	1999	2004	rVB	60509	55954	2.72%	0.231%
68	13.904	2004	2009	2010	rBV4	23389	36177	1.76%	0.149%
69	14.004	2021	2026	2029	rBV2	816259	1052201	51.21%	4.341%
70	14.033	2029	2031	2037	rVB	365309	321046	15.63%	1.324%

71	14.110	2042	2044	2047	rVB	66424	49478	2.41%	0.204%
72	14.198	2055	2059	2061	rBV2	31564	38251	1.86%	0.158%
73	14.233	2063	2065	2068	rVB	33854	29488	1.44%	0.122%
74	14.357	2084	2086	2088	rBV2	25112	22902	1.11%	0.094%
75	14.392	2088	2092	2096	rVV	86302	106554	5.19%	0.440%

76	14.427	2096	2098	2102	rVB	51716	46813	2.28%	0.193%
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77	14.492	2106	2109	2111	rVV3	45800	53050	2.58%	0.219%
78	14.539	2115	2117	2121	rVB2	29061	28502	1.39%	0.118%
79	14.704	2141	2145	2148	rBV3	25250	33623	1.64%	0.139%
80	14.892	2171	2177	2182	rBV4	44190	71842	3.50%	0.296%
81	14.963	2186	2189	2192	rBV4	22707	24123	1.17%	0.100%
82	15.057	2200	2205	2208	rBV	282494	428903	20.87%	1.769%
83	15.168	2220	2224	2228	rVB	72388	82730	4.03%	0.341%
84	15.257	2235	2239	2241	rBV3	19147	28285	1.38%	0.117%
85	15.368	2253	2258	2264	rVB	147141	211301	10.28%	0.872%
86	15.427	2264	2268	2274	rBV	235133	283362	13.79%	1.169%
87	15.498	2275	2280	2283	rBV	499158	621046	30.23%	2.562%
88	15.527	2283	2285	2288	rVB	51922	51364	2.50%	0.212%
89	16.557	2456	2460	2465	rBV7	13991	27000	1.31%	0.111%
90	16.815	2498	2504	2511	rBV5	19937	55861	2.72%	0.230%
91	16.998	2529	2535	2546	rVB2	86525	198856	9.68%	0.820%
92	17.186	2562	2567	2574	rBV3	28572	66364	3.23%	0.274%
93	17.451	2606	2612	2620	rBV	54707	103901	5.06%	0.429%

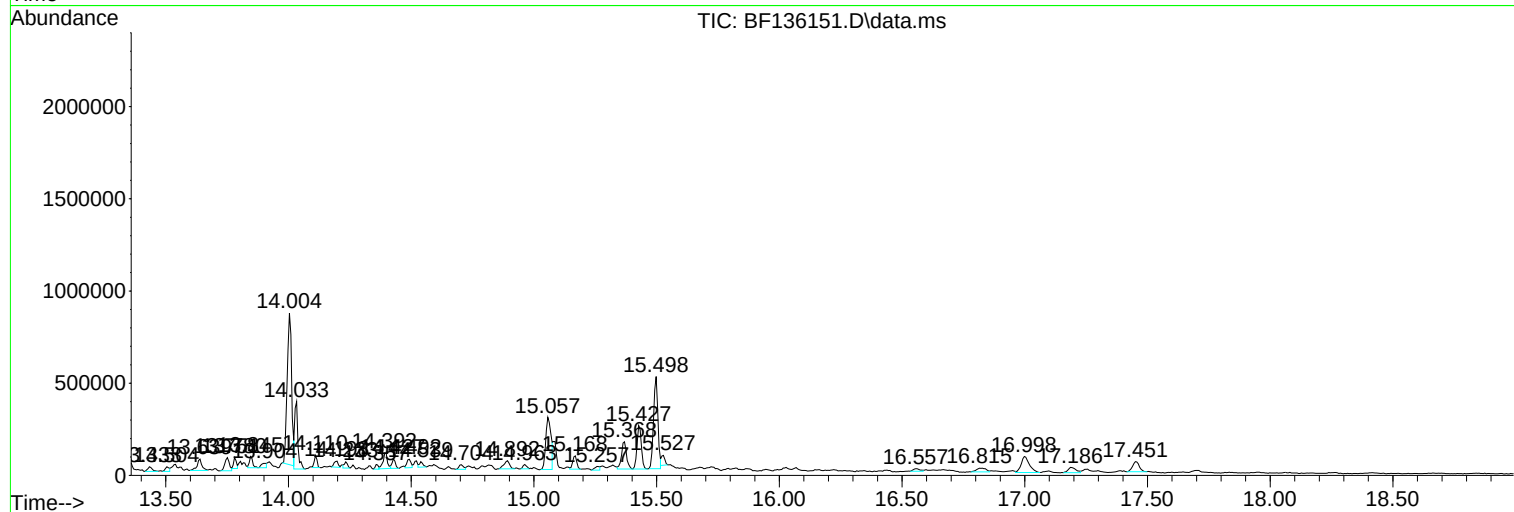
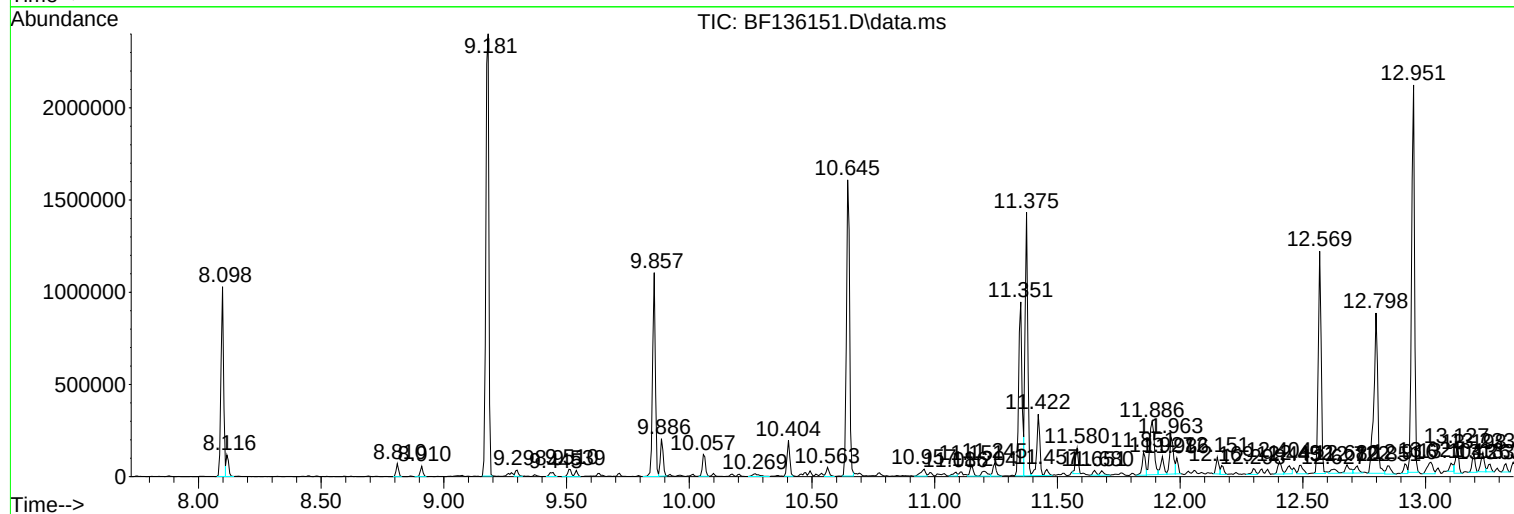
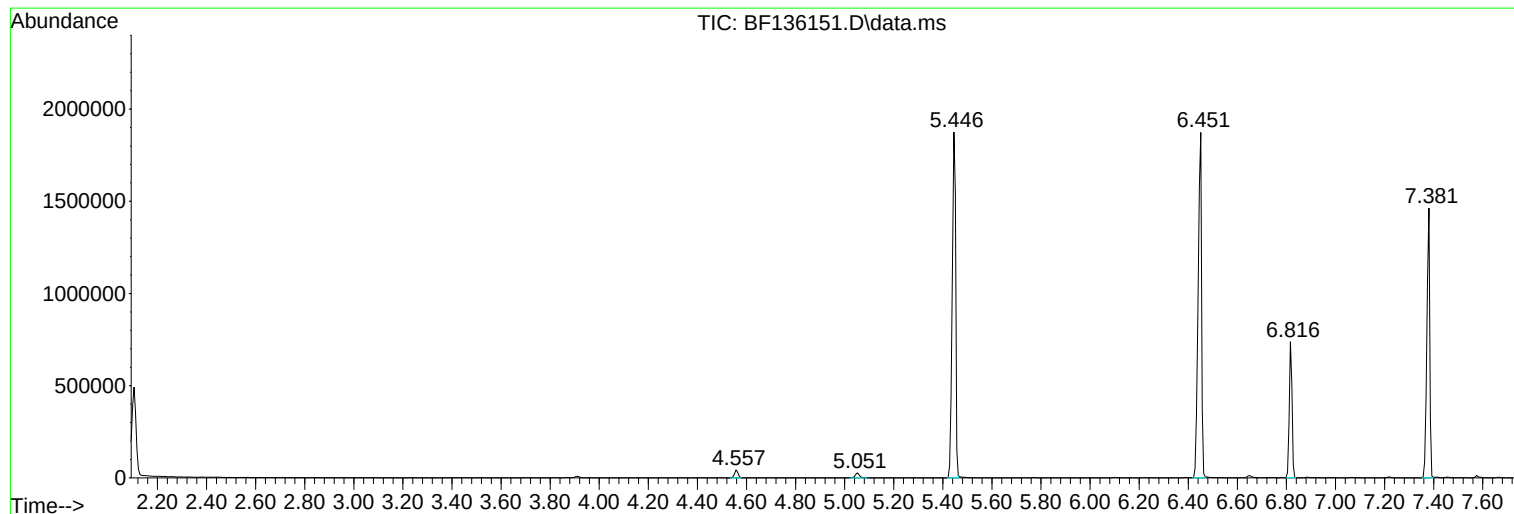
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
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Instrument :
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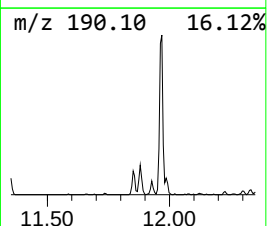
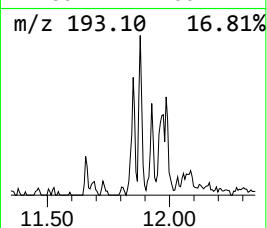
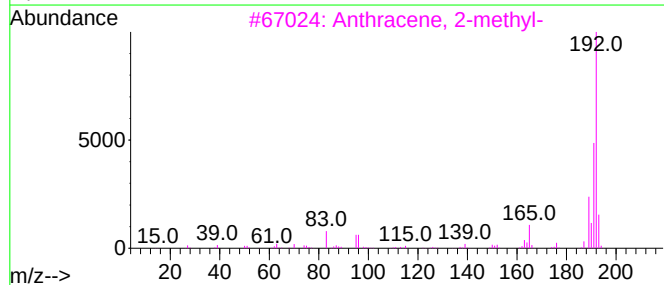
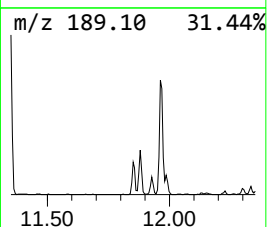
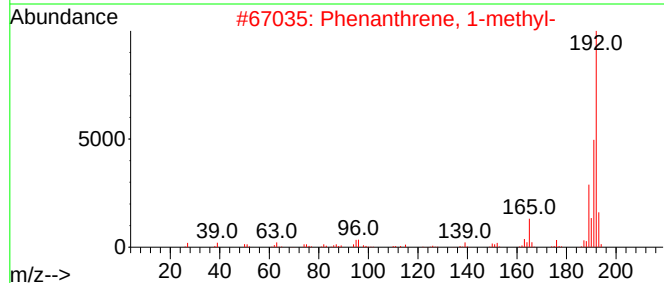
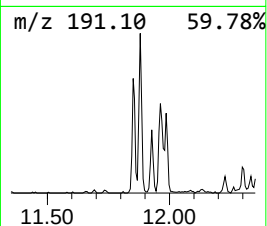
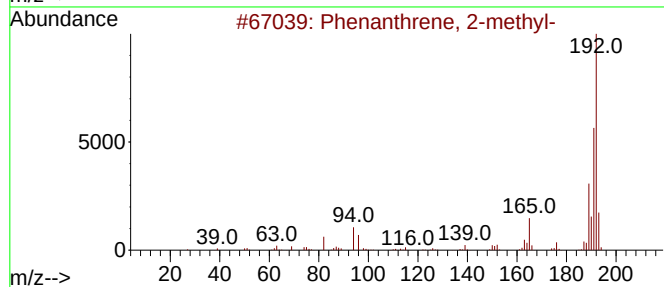
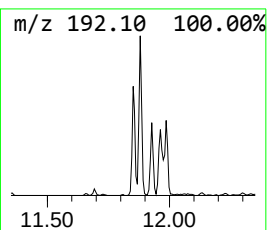
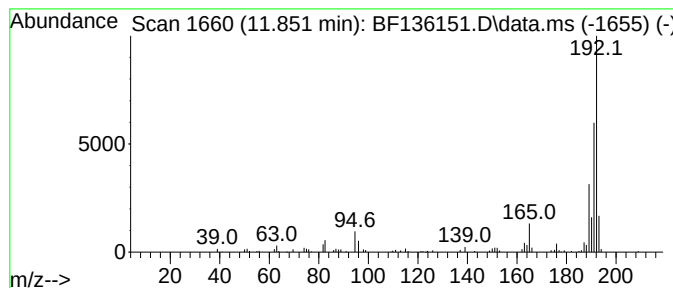
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	2.56 ng	116692	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



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Instrument :
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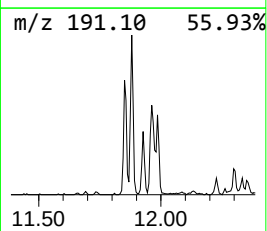
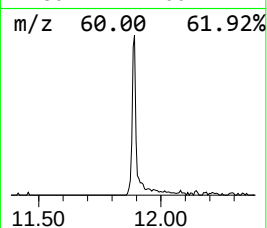
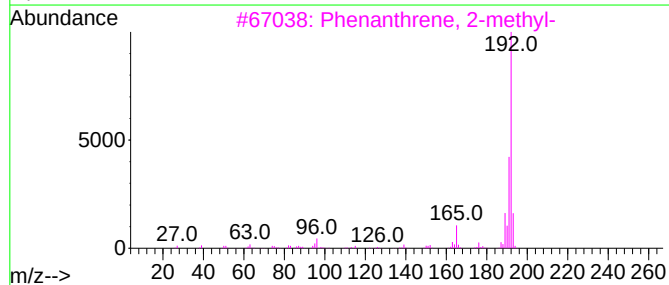
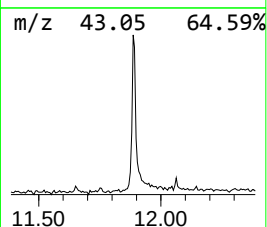
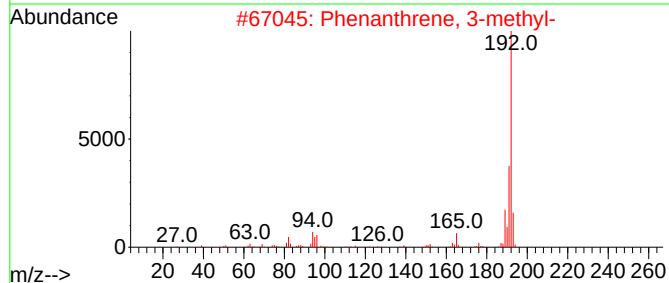
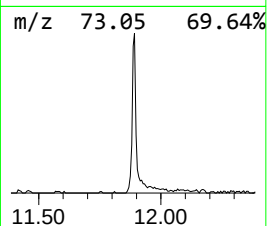
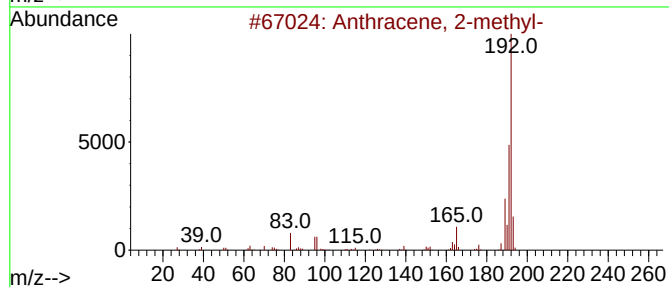
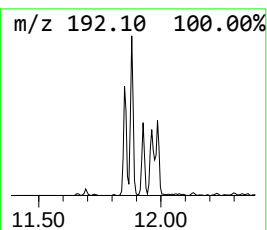
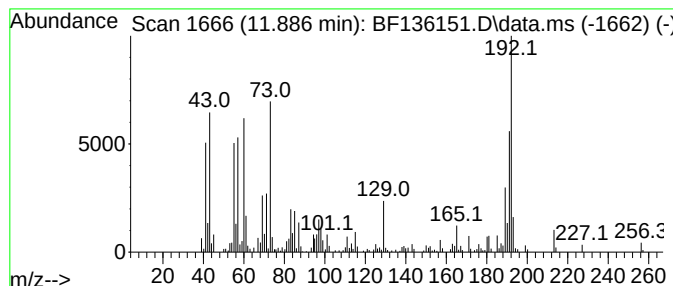
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	8.18 ng	372096	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93



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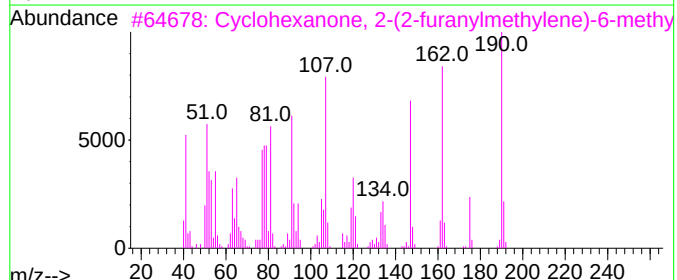
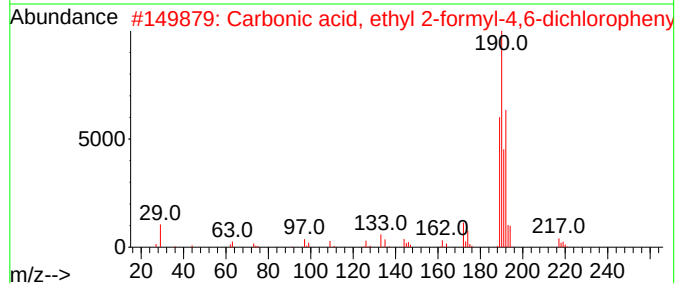
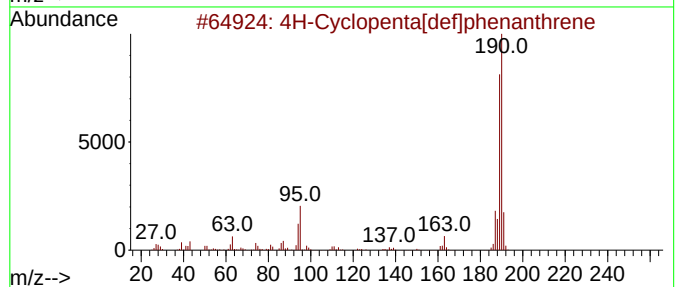
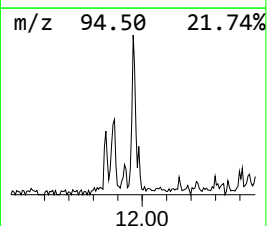
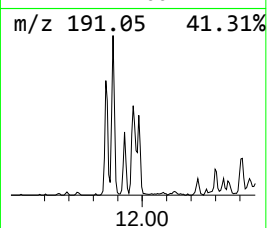
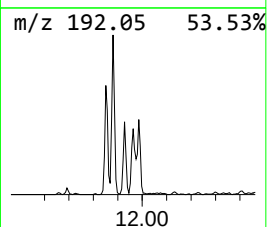
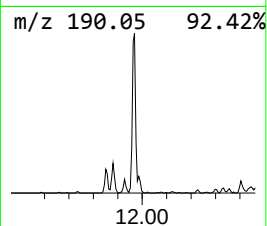
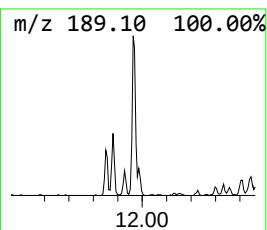
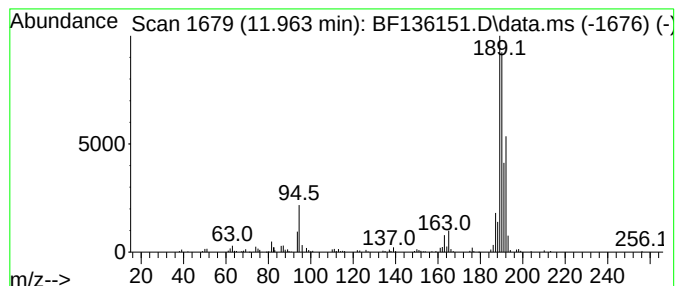
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	4.85 ng	220948	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3			Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136151.D
Acq On : 06 Nov 2023 13:26
Operator : CG\JU
Sample : 05237-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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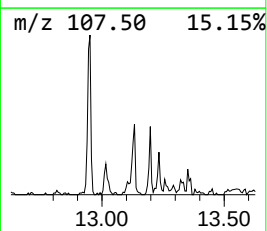
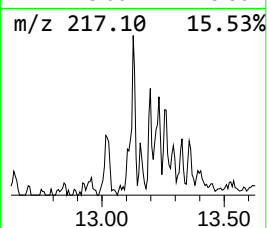
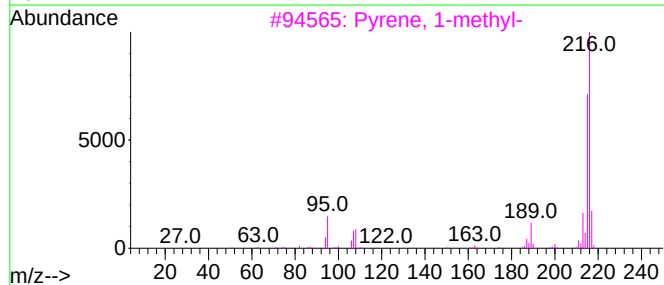
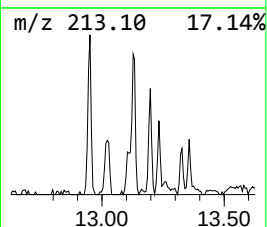
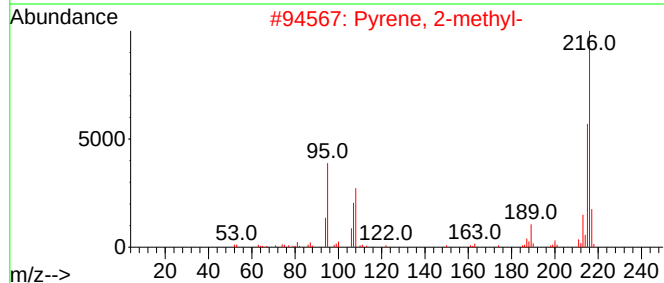
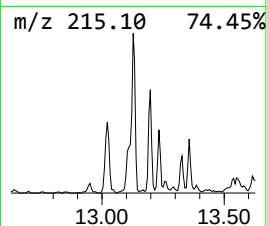
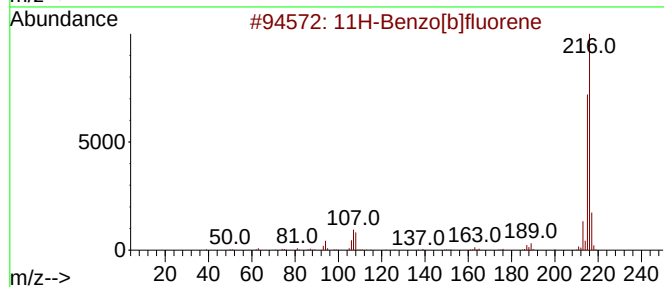
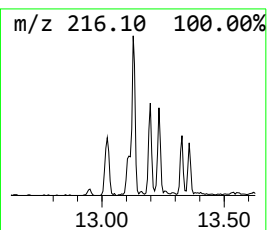
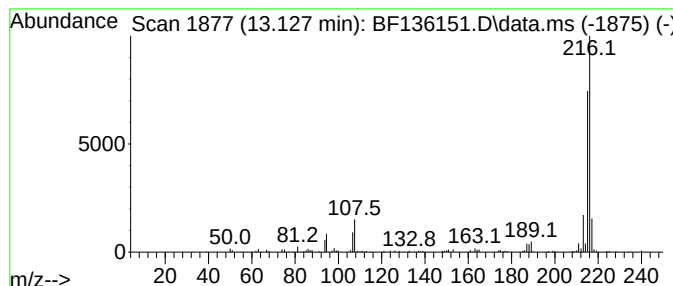
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.127	2.35 ng	123487	Chrysene-d12	14.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136151.D
Acq On : 06 Nov 2023 13:26
Operator : CG\JU
Sample : 05237-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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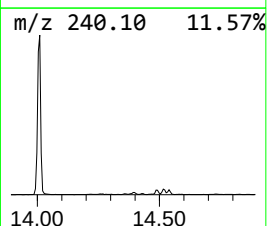
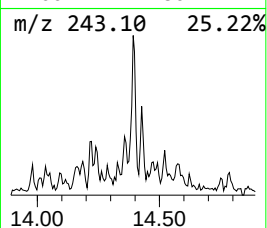
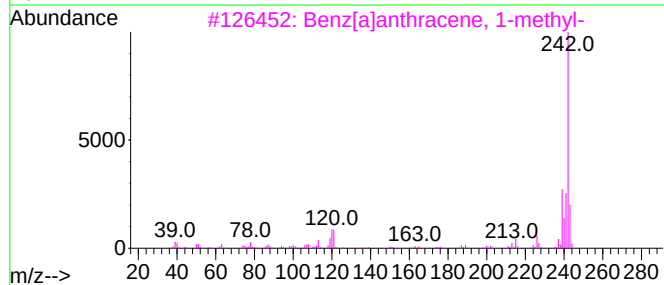
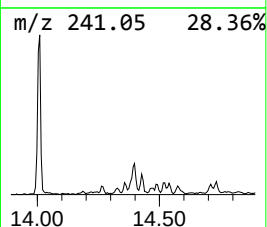
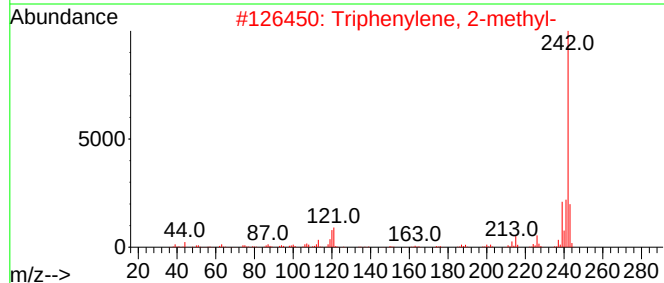
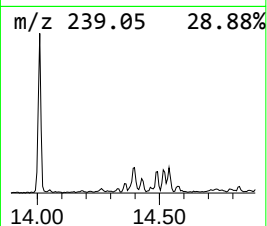
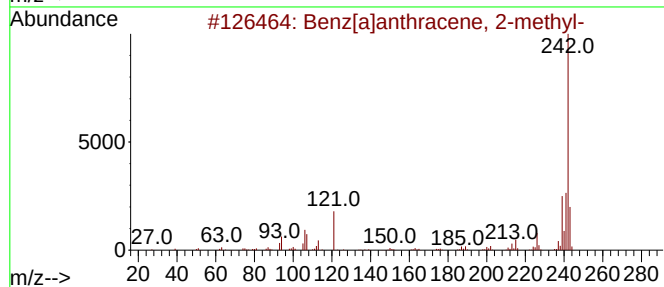
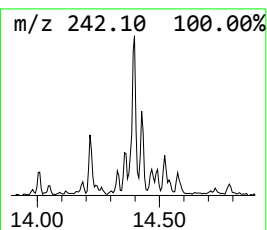
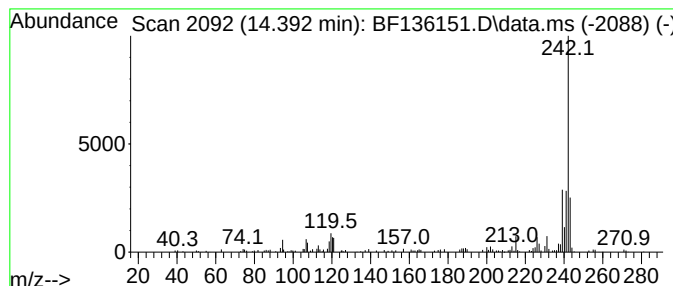
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benz[a]anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.392	2.03 ng	106554	Chrysene-d12	14.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
2			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3			Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	91
4			Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
5			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136151.D
Acq On : 06 Nov 2023 13:26
Operator : CG\JU
Sample : 05237-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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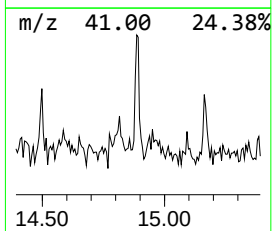
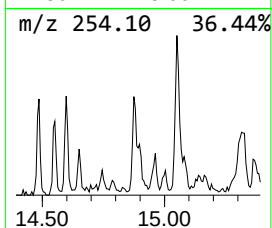
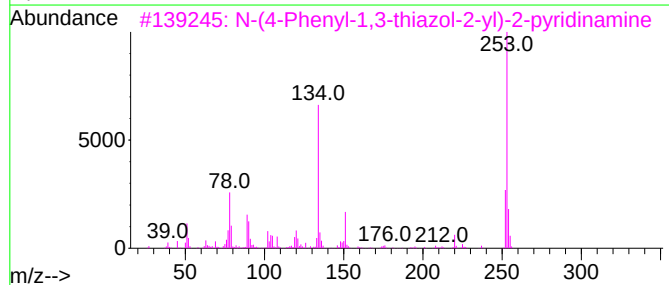
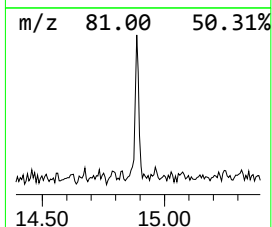
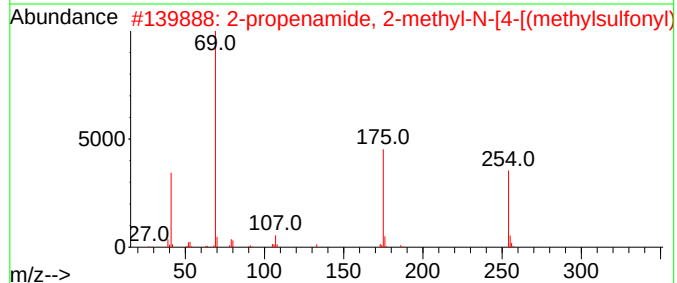
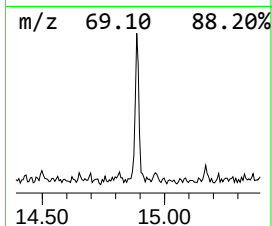
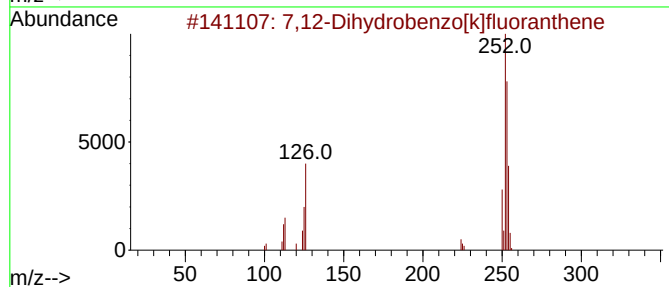
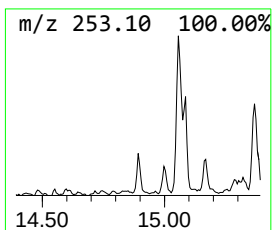
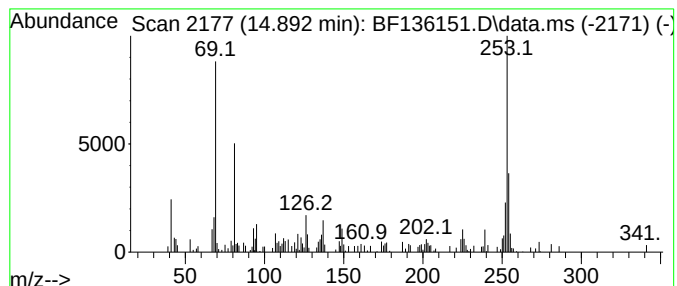
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.892	2.31 ng	71842	Perylene-d12	15.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	52		
2	2-propenamide, 2-methyl-N-[4-[(m...	254	C11H14N2O3S	1000401-43-5	38		
3	N-(4-Phenyl-1,3-thiazol-2-yl)-2-...	253	C14H11N3S	1000485-04-5	38		
4	1,2-Dihydropyrido(3,2,1-k1)pheno...	253	C15H11NOS	069513-42-4	35		
5	1-(4-Fluorophenyl)-3-phenyl-1H-p...	253	C15H12FN3	072411-51-9	35		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136151.D
Acq On : 06 Nov 2023 13:26
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Sample : 05237-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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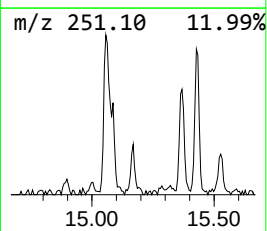
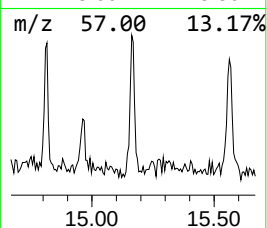
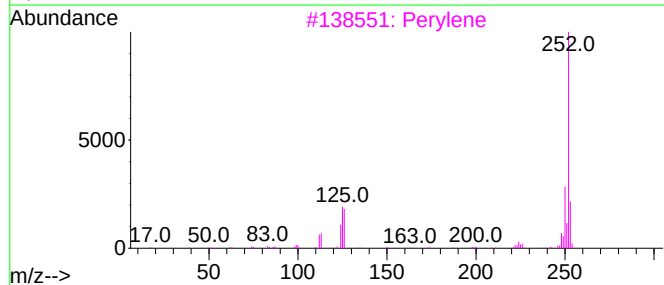
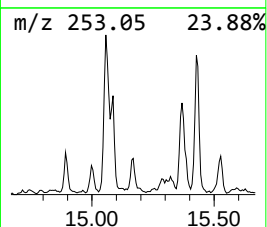
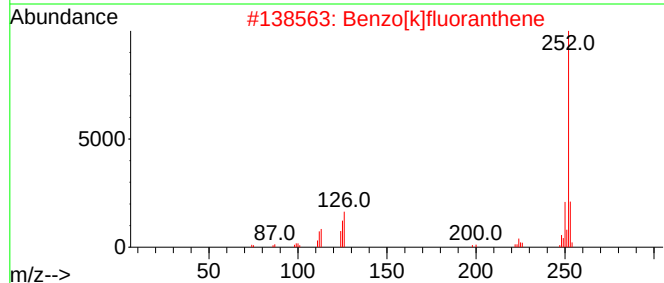
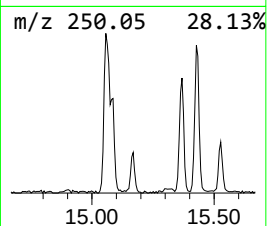
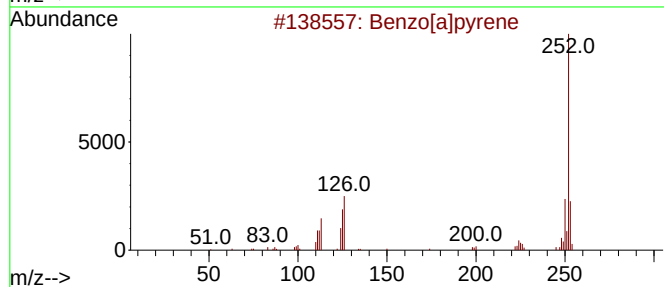
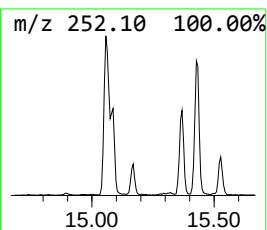
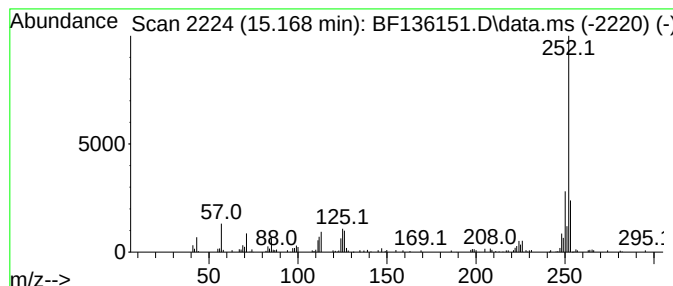
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.168	2.66 ng	82730	Perylene-d12	15.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	90
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3			Perylene	252	C20H12	000198-55-0	87
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	86
5			Benzo[e]pyrene	252	C20H12	000192-97-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136151.D
Acq On : 06 Nov 2023 13:26
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Sample : 05237-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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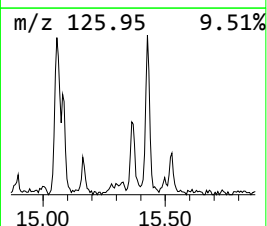
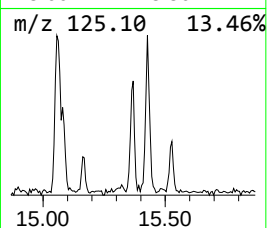
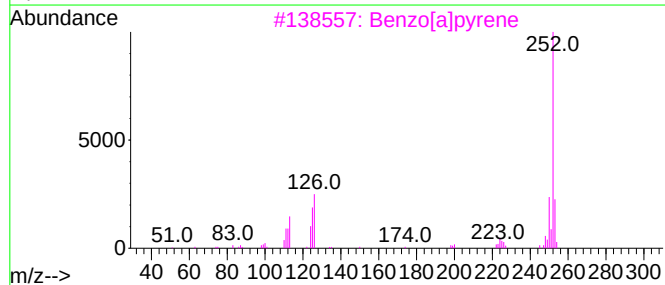
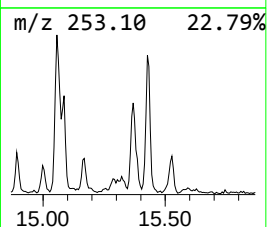
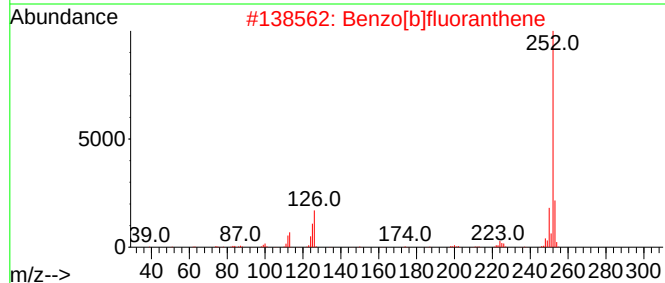
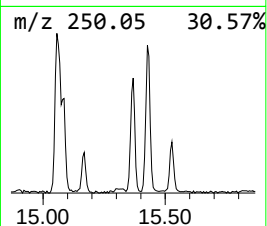
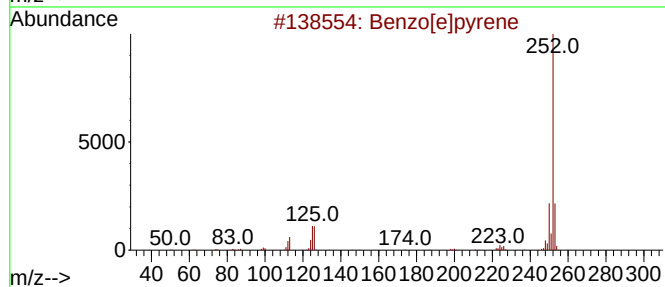
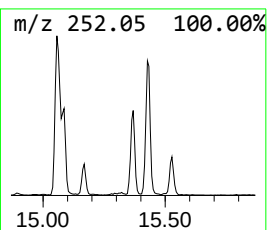
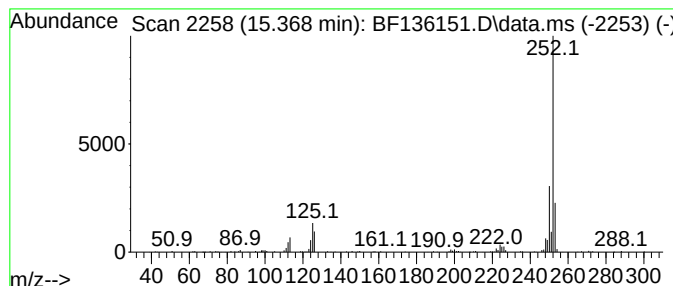
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	6.80 ng	211301	Perylene-d12	15.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	90
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5			Perylene	252	C20H12	000198-55-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136151.D
Acq On : 06 Nov 2023 13:26
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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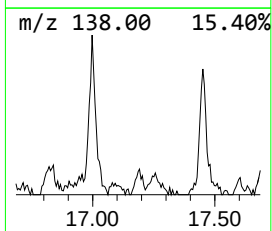
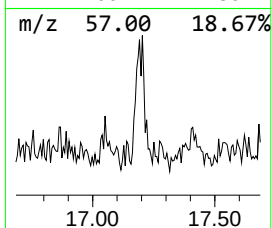
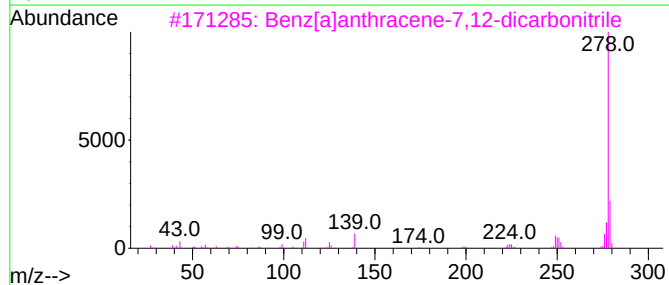
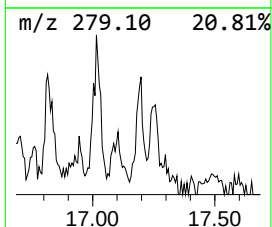
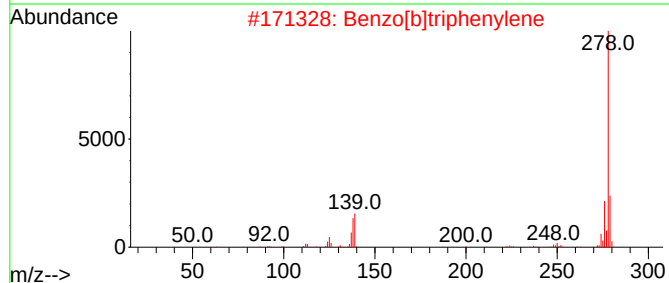
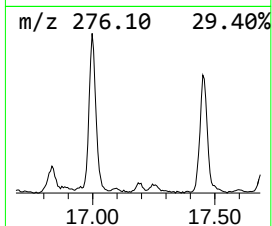
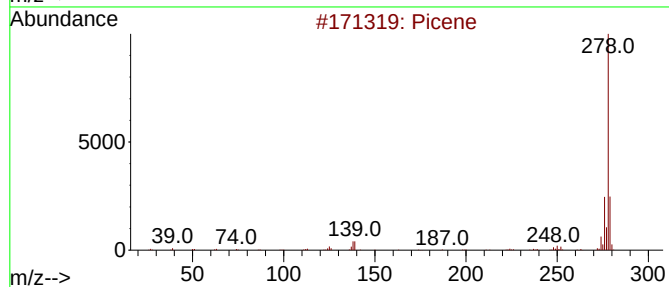
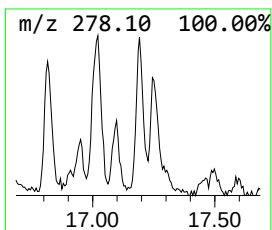
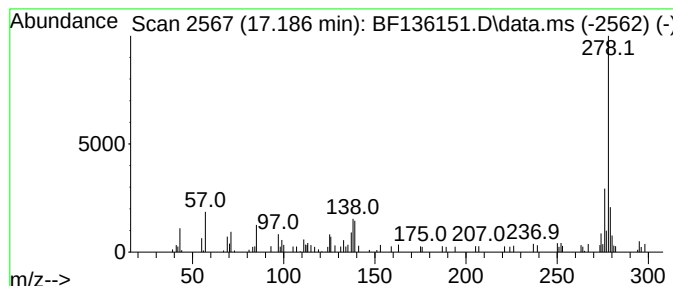
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Picene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	2.14 ng	66364	Perylene-d12	15.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Picene	278	C22H14	000213-46-7	76
2			Benzo[b]triphenylene	278	C22H14	000215-58-7	70
3			Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	68
4			Pentaphene	278	C22H14	000222-93-5	68
5			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136151.D
Acq On : 06 Nov 2023 13:26
Operator : CG\JU
Sample : 05237-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.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
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Anthracene, 2-m...	11.886	8.2	ng	372096	4	11.351	910266	20.0
4H-Cyclopenta[d...	11.963	4.8	ng	220948	4	11.351	910266	20.0
11H-Benzo[b]flu...	13.127	2.4	ng	123487	5	14.010	1052200	20.0
Benz[a]anthrace...	14.392	2.0	ng	106554	5	14.010	1052200	20.0
7,12-Dihydroben...	14.892	2.3	ng	71842	6	15.498	621046	20.0
Perylene	15.168	2.7	ng	82730	6	15.498	621046	20.0
Benzo[e]pyrene	15.368	6.8	ng	211301	6	15.498	621046	20.0
Picene	17.186	2.1	ng	66364	6	15.498	621046	20.0