

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062220\
 Data File : BF120694.D
 Acq On : 23 Jun 2020 00:04
 Operator : JU/CG
 Sample : L3082-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16

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-BF061020.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.410	560	565	568	rBV	2866753	2736165	62.60%	3.902%
2	6.434	734	739	742	rBV	2727871	2993230	68.49%	4.269%
3	6.798	797	801	804	rBV	960081	783967	17.94%	1.118%
4	6.957	823	828	831	rBV	2913205	2707676	61.95%	3.862%
5	7.363	892	897	900	rBV	2259056	2007452	45.93%	2.863%
6	8.080	1015	1019	1021	rBV	1109251	919101	21.03%	1.311%
7	8.098	1021	1022	1035	rVB	176974	132948	3.04%	0.190%
8	9.157	1197	1202	1205	rBV	4611751	4044590	92.54%	5.768%
9	9.551	1266	1269	1272	rVB	248143	222148	5.08%	0.317%
10	9.833	1311	1317	1320	rBV	1259467	1048729	24.00%	1.496%
11	9.863	1320	1322	1326	rVB	591658	484925	11.10%	0.692%
12	9.992	1339	1344	1348	rBV2	95317	103326	2.36%	0.147%
13	10.039	1348	1352	1356	rBV	276709	264284	6.05%	0.377%
14	10.380	1406	1410	1415	rBV	521222	445476	10.19%	0.635%
15	10.445	1419	1421	1423	rVV	142236	128939	2.95%	0.184%
16	10.469	1423	1425	1427	rVV	149363	121518	2.78%	0.173%
17	10.539	1434	1437	1442	rVB	134208	142588	3.26%	0.203%
18	10.627	1447	1452	1455	rBV	2453835	2486231	56.89%	3.546%
19	10.745	1466	1472	1478	rVB4	90548	122352	2.80%	0.174%
20	10.927	1497	1503	1506	rBV3	172432	259000	5.93%	0.369%
21	10.957	1506	1508	1511	rVV2	110940	106145	2.43%	0.151%
22	11.080	1527	1529	1533	rVV2	142282	141315	3.23%	0.202%
23	11.127	1533	1537	1540	rVB3	122729	124114	2.84%	0.177%
24	11.180	1540	1546	1550	rBV2	187046	261589	5.99%	0.373%
25	11.216	1550	1552	1558	rVB	233281	192274	4.40%	0.274%
26	11.321	1566	1570	1572	rBV	1237468	1232457	28.20%	1.758%
27	11.351	1572	1575	1578	rVV	3257781	2853194	65.28%	4.069%
28	11.398	1578	1583	1586	rVV	1053854	956834	21.89%	1.365%
29	11.427	1586	1588	1591	rVB	172269	157836	3.61%	0.225%
30	11.551	1603	1609	1611	rBV2	466705	448702	10.27%	0.640%
31	11.651	1622	1626	1629	rBV3	119788	114743	2.63%	0.164%
32	11.821	1650	1655	1658	rVV	769193	762126	17.44%	1.087%
33	11.851	1658	1660	1664	rVB	1081473	834241	19.09%	1.190%
34	11.898	1664	1668	1671	rBV	491548	442659	10.13%	0.631%

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35	11.933	1671	1674	1677	rVV	1177123	1391667	31.84%	1.985%
36	11.957	1677	1678	1682	rVB	636040	378175	8.65%	0.539%
37	11.998	1682	1685	1687	rBV2	90326	96182	2.20%	0.137%
38	12.027	1687	1690	1692	rVV2	112911	114264	2.61%	0.163%
39	12.092	1697	1701	1703	rVV4	57278	97777	2.24%	0.139%
40	12.116	1703	1705	1708	rVV	390921	360988	8.26%	0.515%
41	12.145	1708	1710	1713	rVV2	235047	195800	4.48%	0.279%
42	12.268	1725	1731	1733	rBV2	205777	253450	5.80%	0.361%
43	12.298	1733	1736	1738	rVV	187255	170959	3.91%	0.244%
44	12.321	1738	1740	1742	rVB	174398	131985	3.02%	0.188%
45	12.374	1745	1749	1752	rVV	526614	596271	13.64%	0.850%
46	12.410	1752	1755	1757	rVV	324980	385332	8.82%	0.550%
47	12.427	1757	1758	1761	rVV	171757	149528	3.42%	0.213%
48	12.457	1761	1763	1768	rVB2	275588	372150	8.51%	0.531%
49	12.539	1773	1777	1780	rBV	3545603	3417857	78.20%	4.874%
50	12.668	1795	1799	1800	rBV3	140251	169096	3.87%	0.241%
51	12.686	1800	1802	1806	rVV	173969	179481	4.11%	0.256%
52	12.768	1810	1816	1821	rBV2	2817143	3702095	84.71%	5.280%
53	12.810	1821	1823	1829	rVV2	194433	294417	6.74%	0.420%
54	12.880	1832	1835	1836	rVV2	235538	208091	4.76%	0.297%
55	12.915	1836	1841	1847	rVB	3792743	4370541	100.00%	6.233%
56	12.986	1847	1853	1856	rBV2	385586	630648	14.43%	0.899%
57	13.068	1864	1867	1869	rVV4	296397	385970	8.83%	0.550%
58	13.092	1869	1871	1874	rVB	830778	738796	16.90%	1.054%
59	13.163	1879	1883	1885	rVV	627482	605240	13.85%	0.863%
60	13.198	1885	1889	1891	rVV2	597765	579372	13.26%	0.826%
61	13.221	1891	1893	1896	rVV	180627	187040	4.28%	0.267%
62	13.286	1901	1904	1907	rBV	353078	328316	7.51%	0.468%
63	13.321	1907	1910	1913	rVB	399385	373905	8.56%	0.533%
64	13.398	1919	1923	1927	rVB6	107970	185936	4.25%	0.265%
65	13.474	1932	1936	1937	rBV2	92039	109045	2.50%	0.156%
66	13.498	1937	1940	1941	rVV2	107458	129233	2.96%	0.184%
67	13.515	1941	1943	1946	rVV	180339	163152	3.73%	0.233%
68	13.574	1950	1953	1955	rBV	139758	169482	3.88%	0.242%
69	13.604	1955	1958	1962	rVV	291136	372206	8.52%	0.531%
70	13.710	1972	1976	1979	rBV3	300444	448792	10.27%	0.640%
71	13.739	1979	1981	1983	rVB	373230	275575	6.31%	0.393%

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72	13.762	1983	1985	1986	rBV	157655	110199	2.52%	0.157%
73	13.810	1990	1993	1997	rVB	456463	473714	10.84%	0.676%
74	13.962	2011	2019	2022	rBV2	2177643	3406649	77.95%	4.858%
75	13.992	2022	2024	2031	rVB	1860842	1633886	37.38%	2.330%
76	14.068	2035	2037	2040	rVB	319142	237025	5.42%	0.338%
77	14.192	2054	2058	2061	rBV3	135251	198529	4.54%	0.283%
78	14.215	2061	2062	2065	rVB2	134742	100421	2.30%	0.143%
79	14.280	2069	2073	2076	rBV2	155853	208883	4.78%	0.298%
80	14.315	2076	2079	2081	rBV	128826	155628	3.56%	0.222%
81	14.351	2081	2085	2088	rVV	598757	599004	13.71%	0.854%
82	14.380	2088	2090	2093	rVB	281864	260543	5.96%	0.372%
83	14.445	2094	2101	2103	rBV4	315220	505597	11.57%	0.721%
84	14.474	2103	2106	2108	rVV	320030	310498	7.10%	0.443%
85	14.492	2108	2109	2113	rVB2	266914	229882	5.26%	0.328%
86	14.657	2134	2137	2139	rBV2	135696	140656	3.22%	0.201%
87	14.680	2139	2141	2147	rVV6	86658	152636	3.49%	0.218%
88	14.998	2189	2195	2197	rBV	1264142	1884304	43.11%	2.687%
89	15.098	2209	2212	2215	rBV	282881	275874	6.31%	0.393%
90	15.286	2240	2244	2250	rVB	713616	975777	22.33%	1.392%
91	15.351	2250	2255	2260	rVB	1251152	1434916	32.83%	2.046%
92	15.409	2260	2265	2268	rBV	961504	1254641	28.71%	1.789%
93	15.439	2268	2270	2276	rVB2	339663	461149	10.55%	0.658%
94	15.839	2333	2338	2340	rBV2	71381	115764	2.65%	0.165%
95	15.951	2355	2357	2361	rVB	127894	124473	2.85%	0.178%
96	16.833	2502	2507	2515	rVB2	294408	564871	12.92%	0.806%
97	17.003	2531	2536	2541	rBV	78148	149852	3.43%	0.214%
98	17.062	2541	2546	2550	rVV2	50611	96211	2.20%	0.137%
99	17.268	2574	2581	2590	rVB	202038	432307	9.89%	0.617%
100	17.492	2614	2619	2625	rVB2	65126	124171	2.84%	0.177%

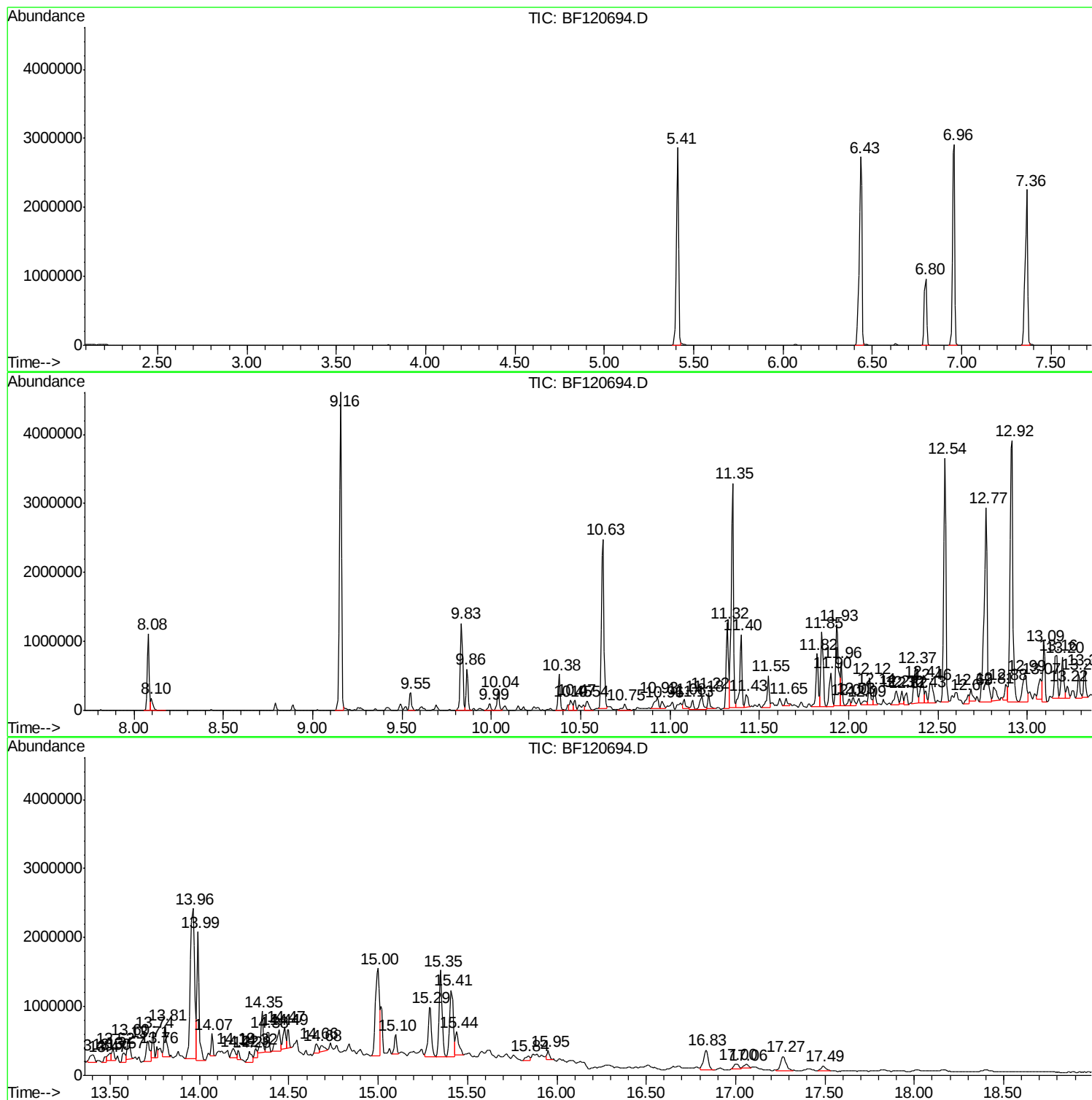
Sum of corrected areas: 70119748

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Instrument :
BNA_F
ClientSampled :
SB-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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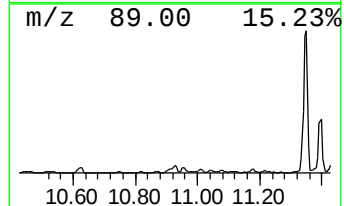
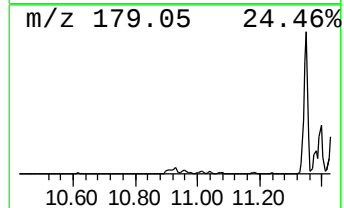
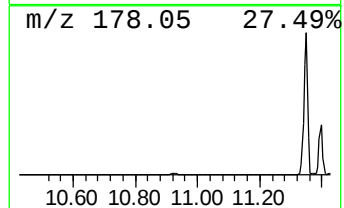
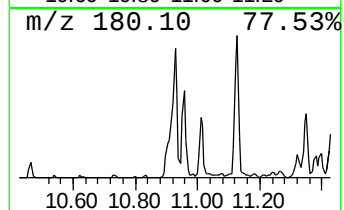
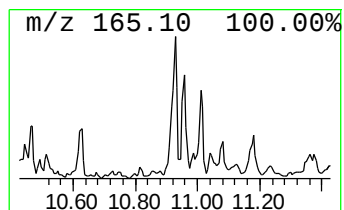
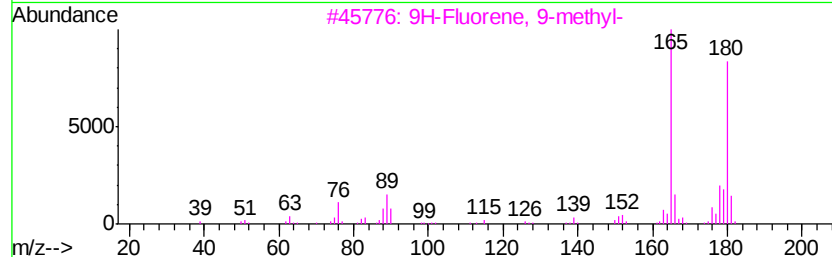
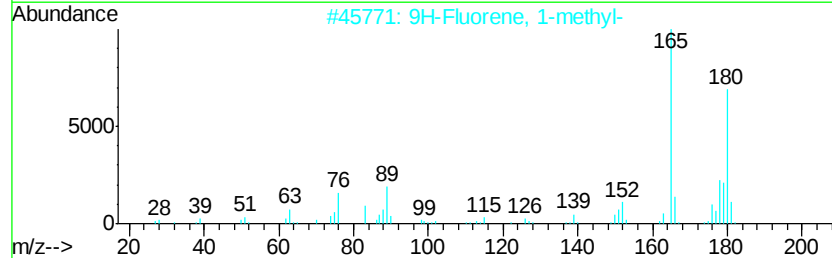
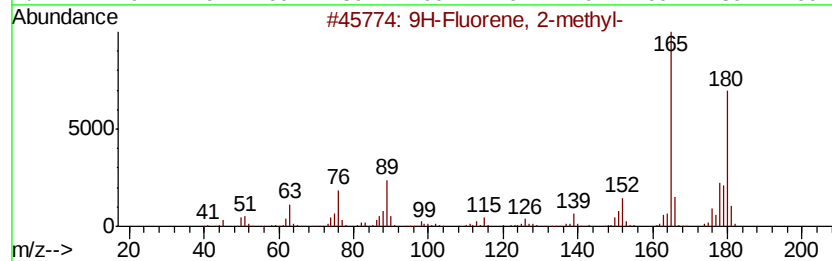
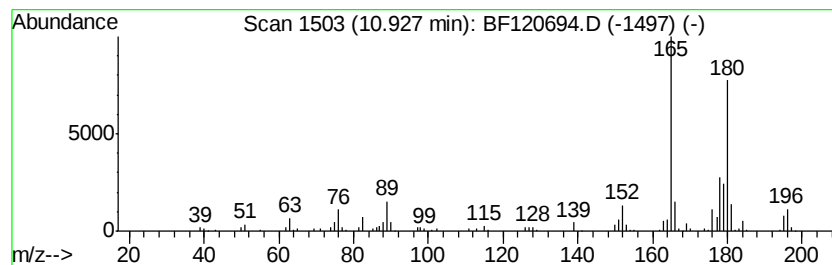
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	4.20 ng	259000	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
5		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	68



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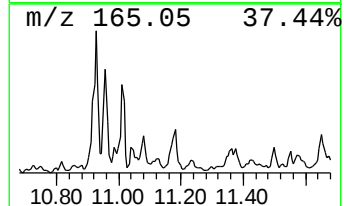
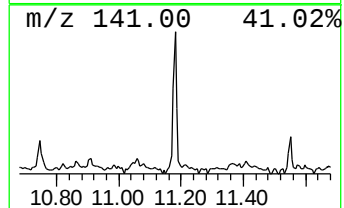
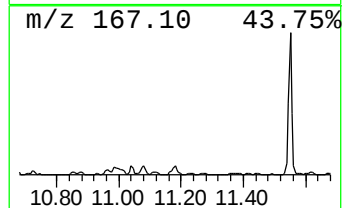
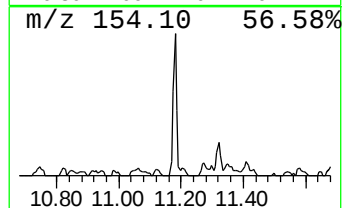
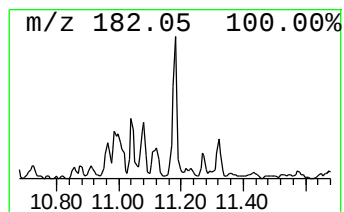
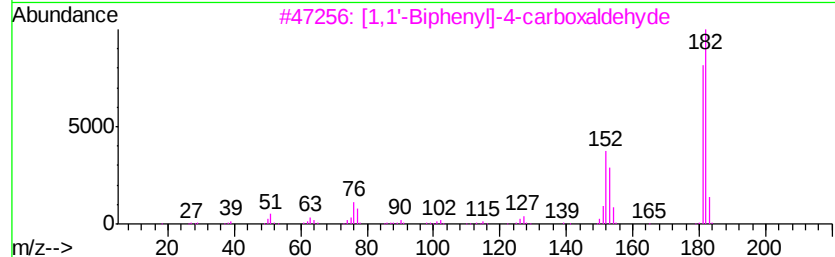
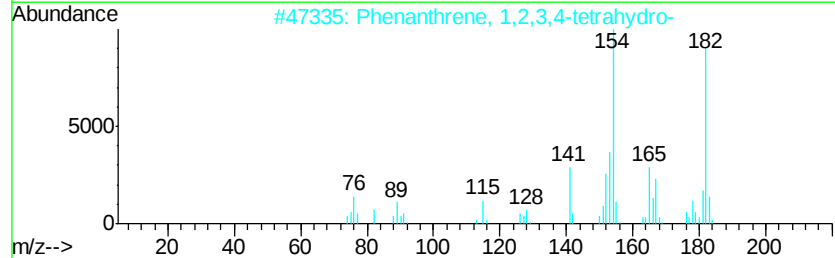
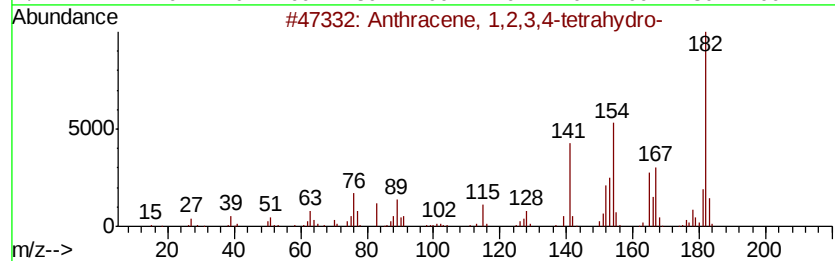
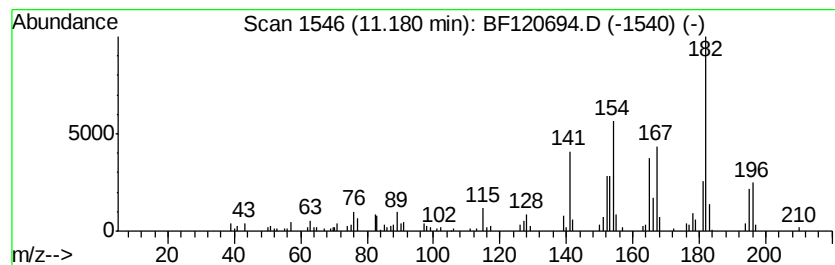
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	4.25 ng	261589	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	93
2		Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	60
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	59
4		1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	55
5		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55



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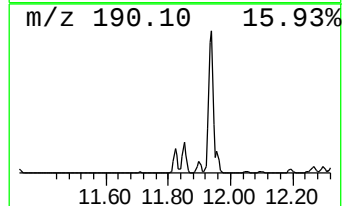
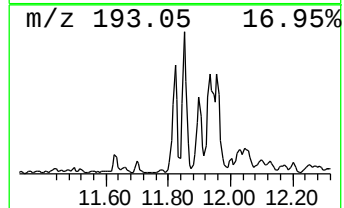
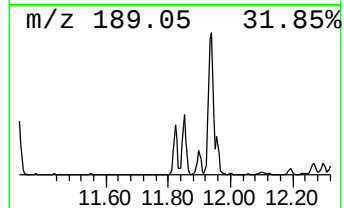
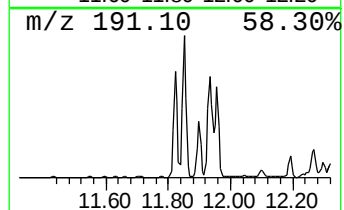
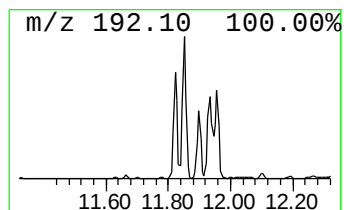
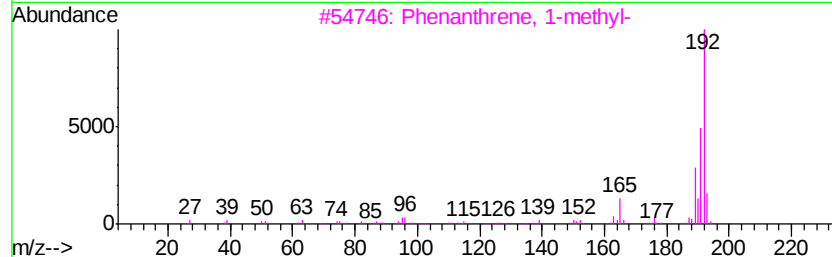
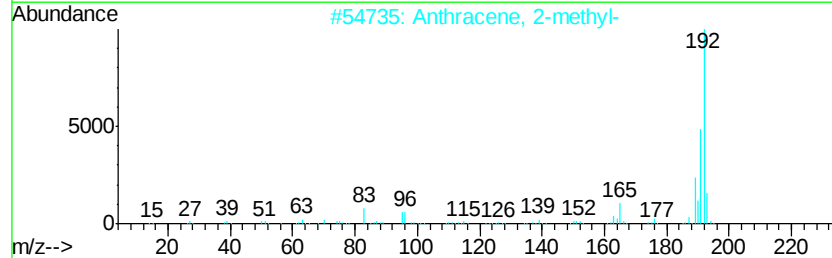
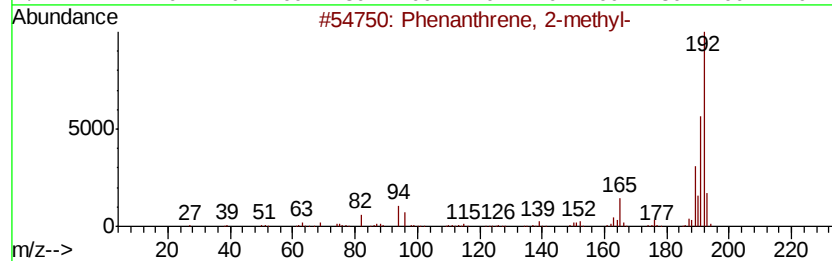
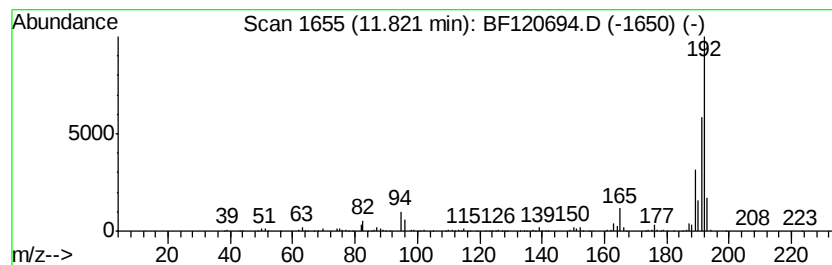
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.82	12.37 ng	762126	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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Data File : BF120694.D
Acq On : 23 Jun 2020 00:04
Operator : JU/CG
Sample : L3082-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

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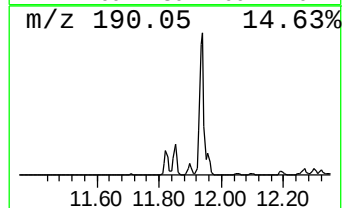
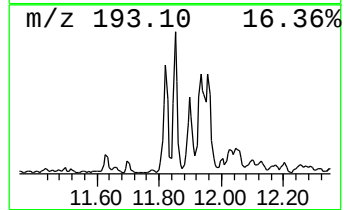
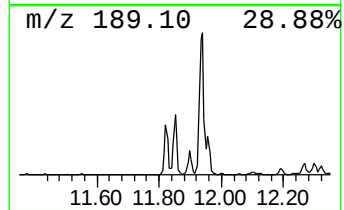
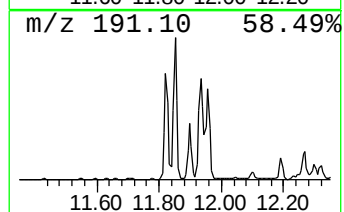
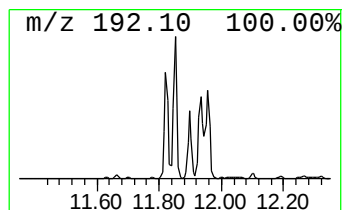
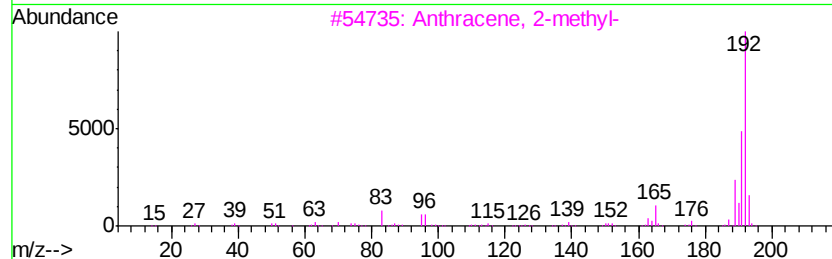
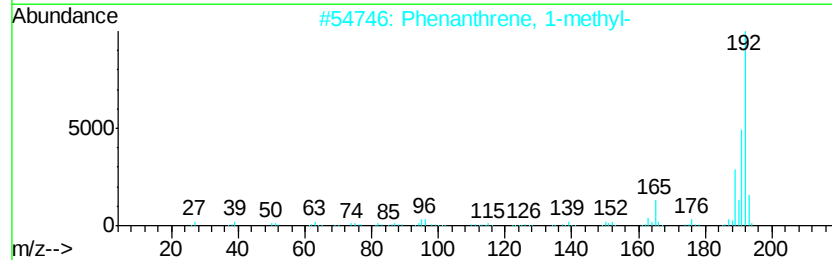
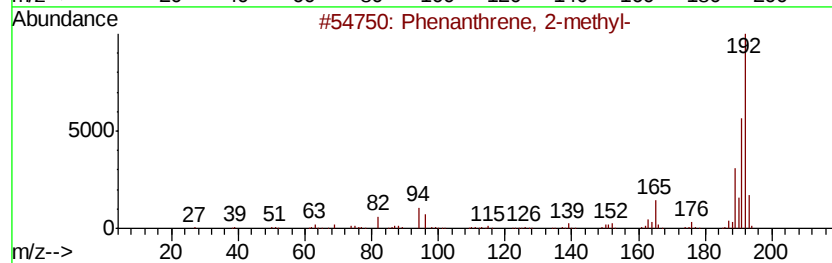
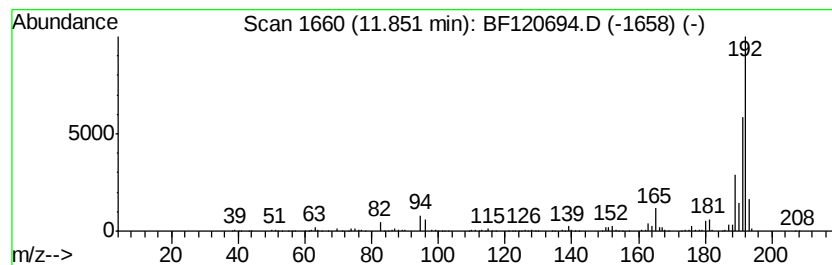
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	13.54 ng	834241	Phenanthrene-d10	11.32

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		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



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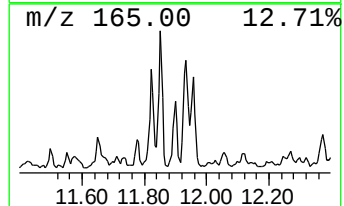
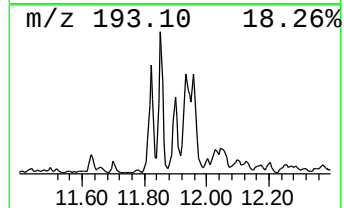
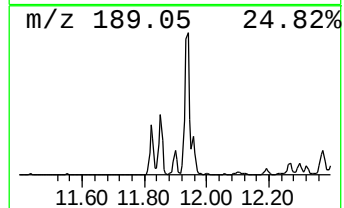
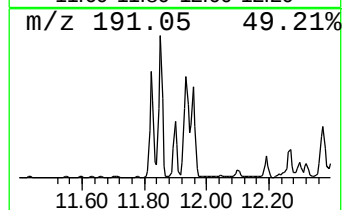
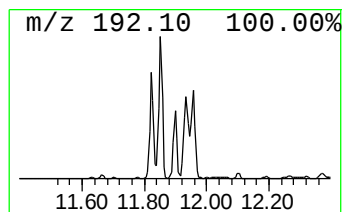
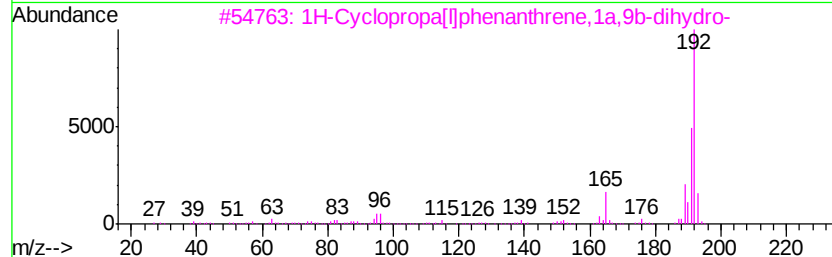
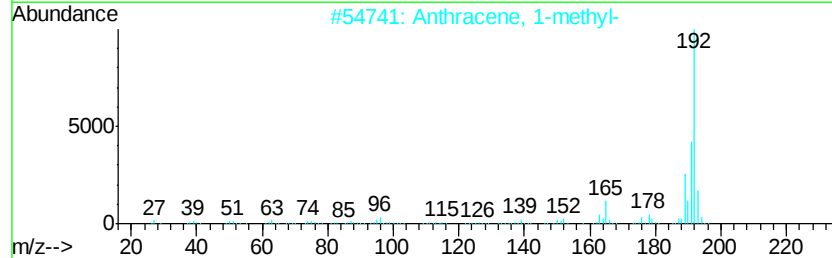
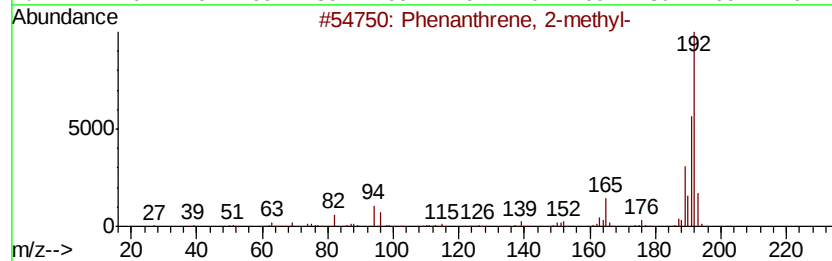
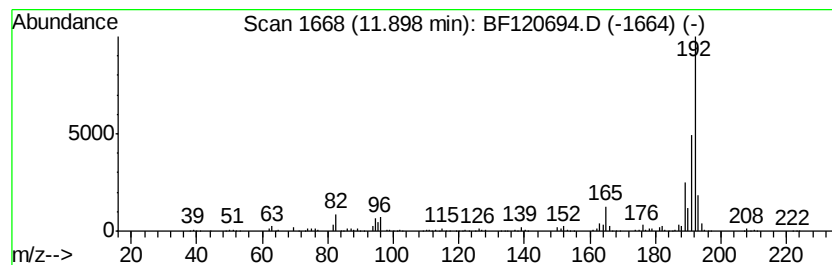
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.90	7.18 ng	442659	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
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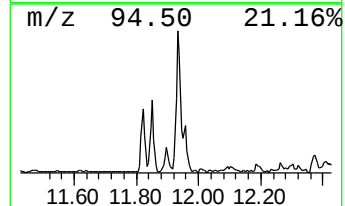
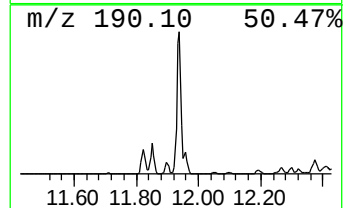
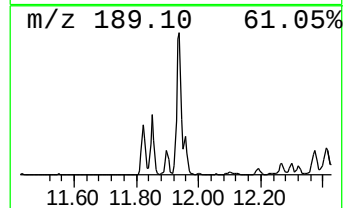
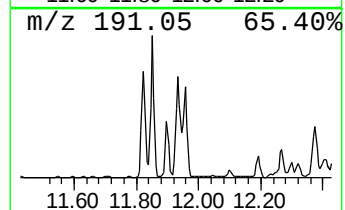
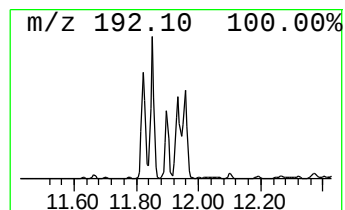
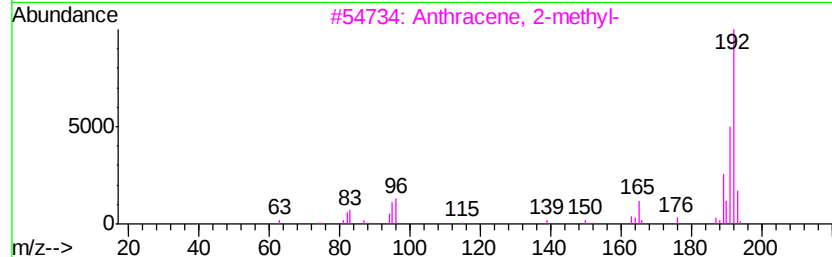
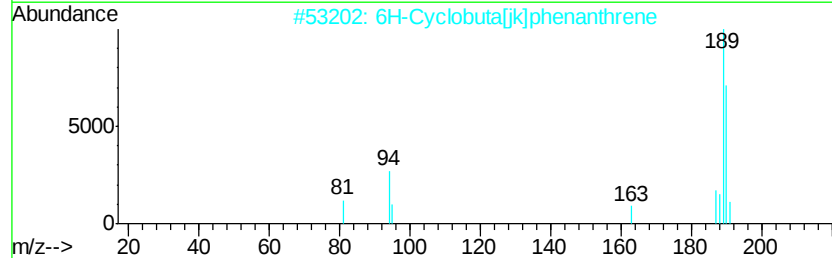
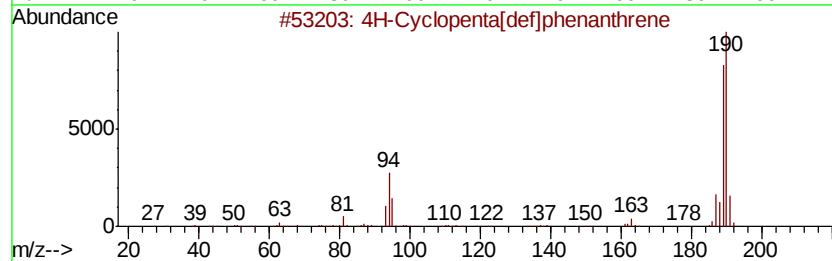
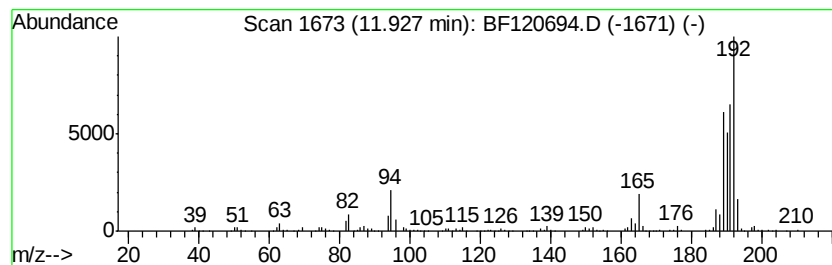
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.93	22.58 ng	1391670	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	6H-Cyclobuta[i]kphenanthrene	190	C15H10	083469-43-6	49
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
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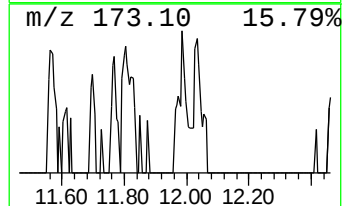
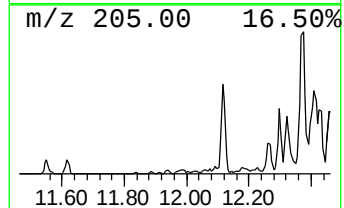
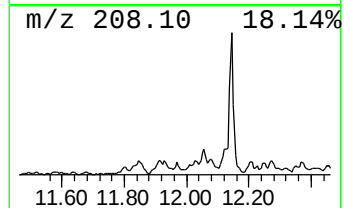
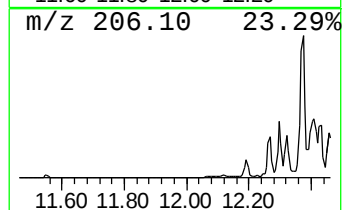
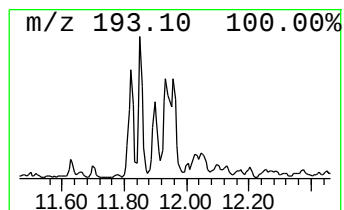
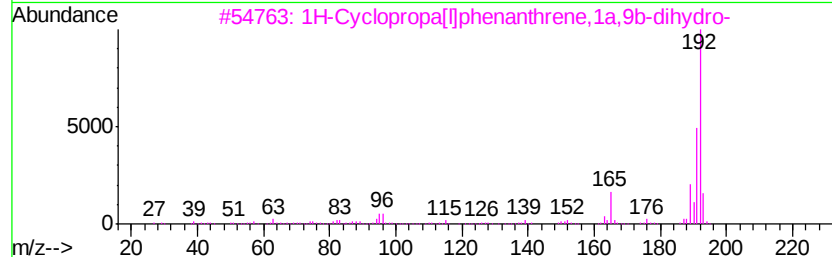
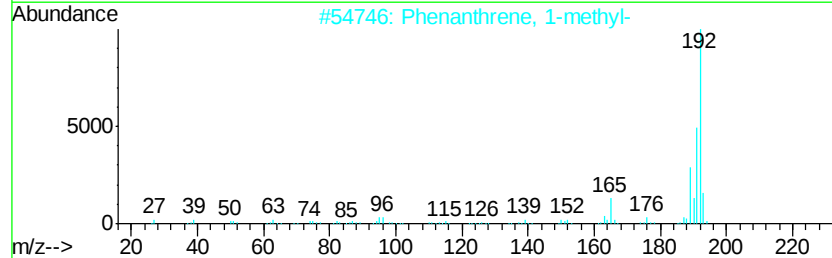
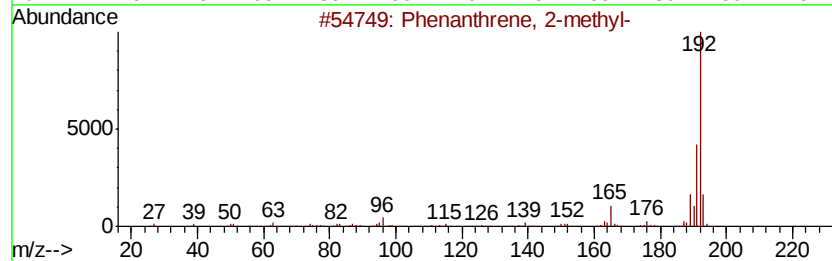
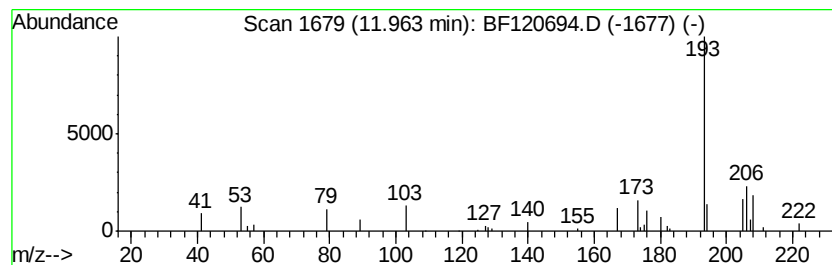
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.96	6.14 ng	378175	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[ll]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



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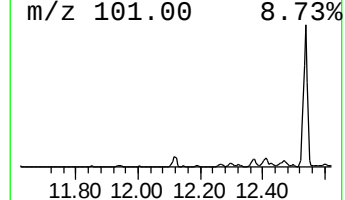
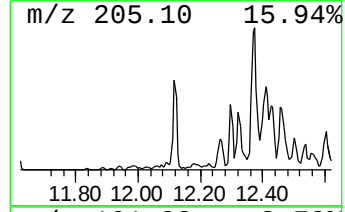
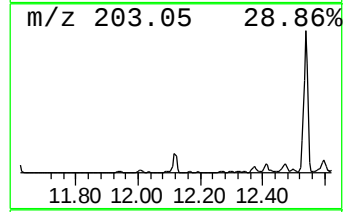
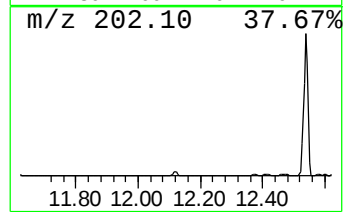
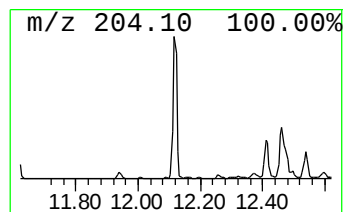
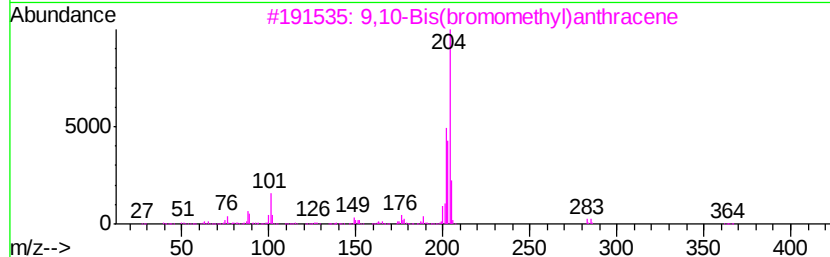
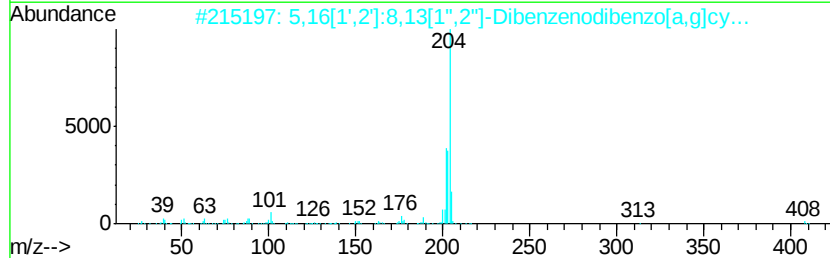
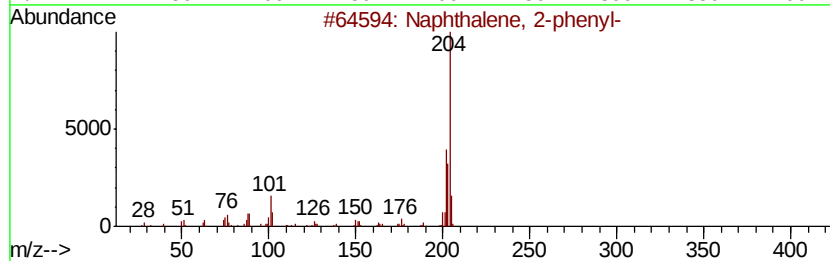
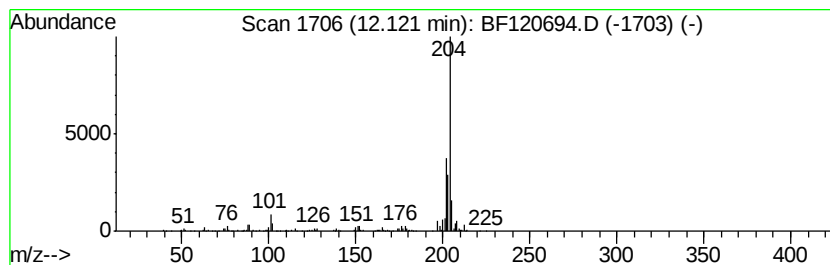
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	5.86 ng	360988	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2		5,16[1',2'] :8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52



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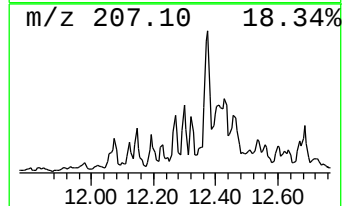
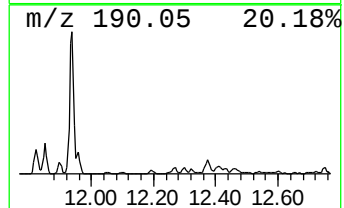
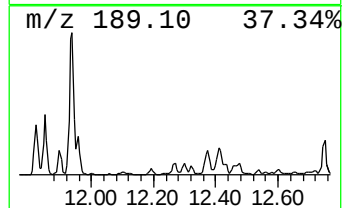
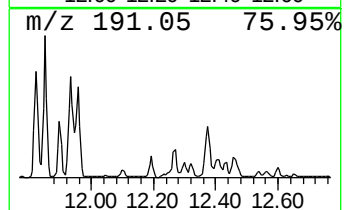
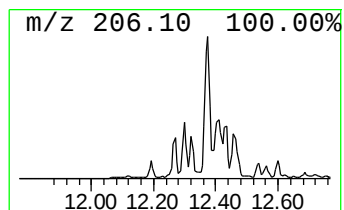
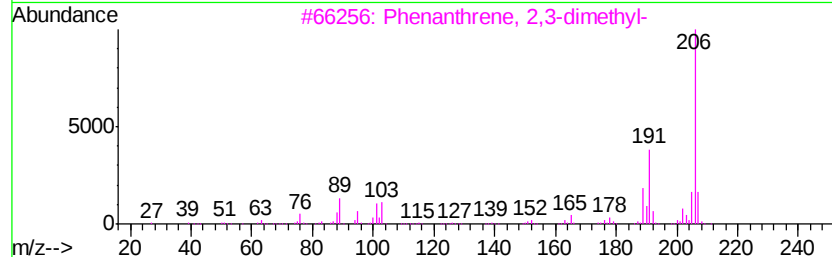
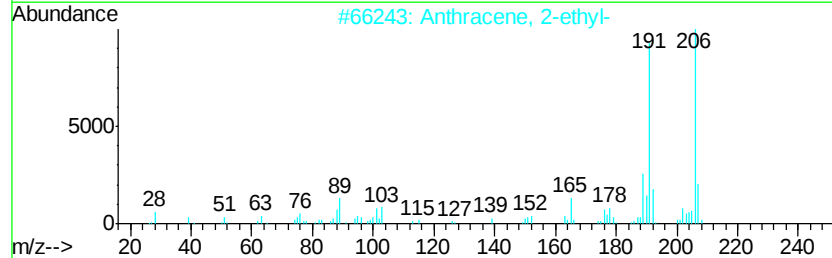
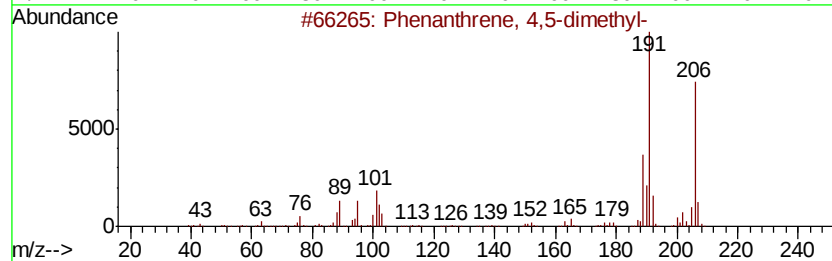
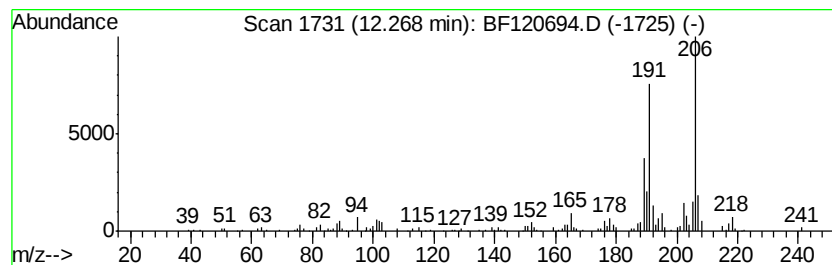
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 4,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	4.11 ng	253450	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
2			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4			Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	81
5			1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	81



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Data File : BF120694.D
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ClientSampleId :
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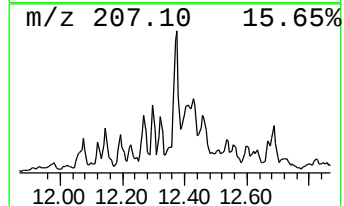
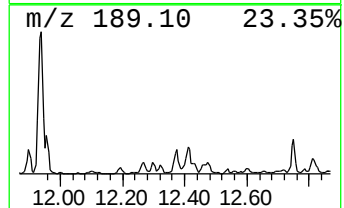
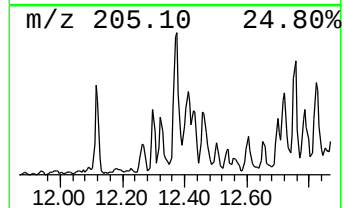
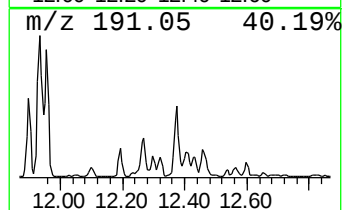
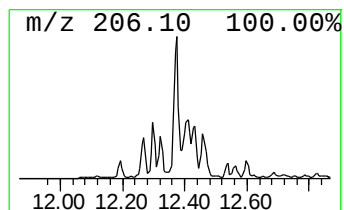
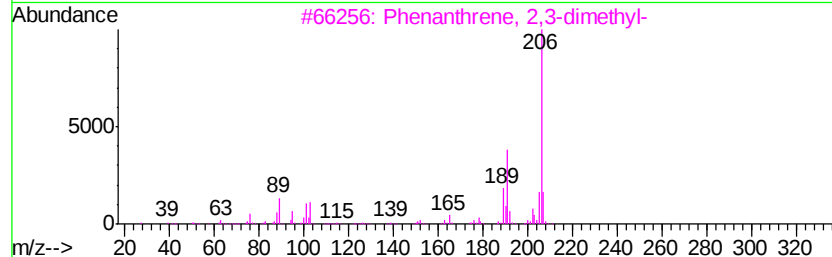
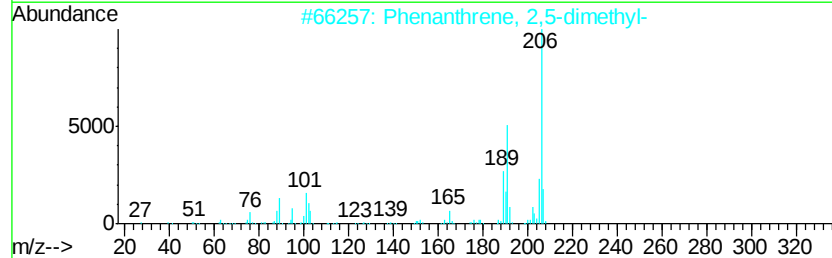
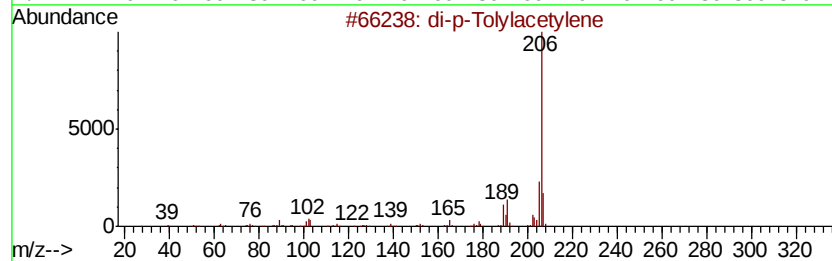
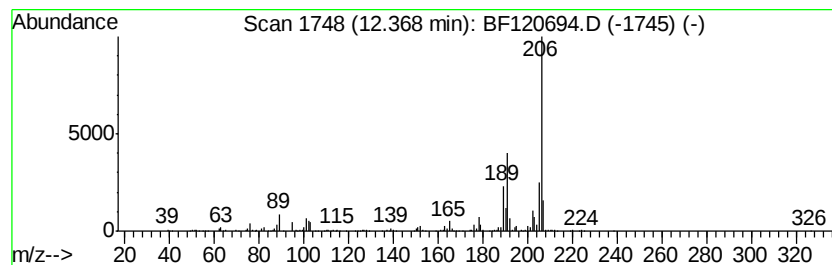
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	9.68 ng	596271	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120694.D
Acq On : 23 Jun 2020 00:04
Operator : JU/CG
Sample : L3082-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-16

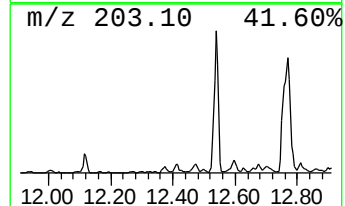
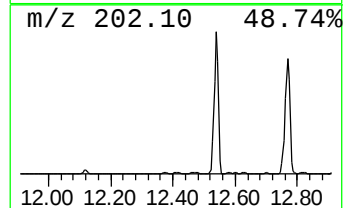
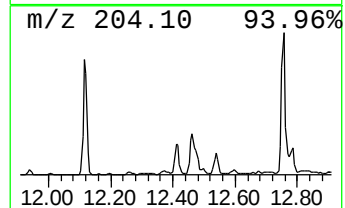
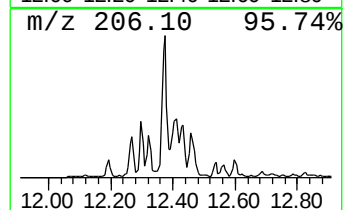
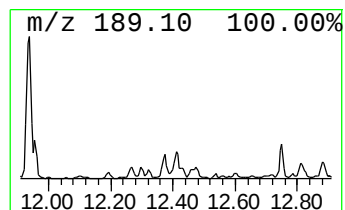
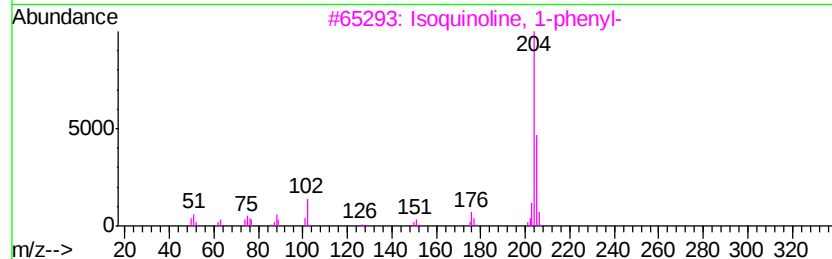
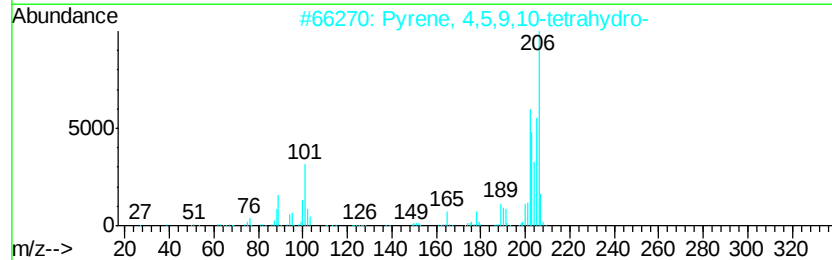
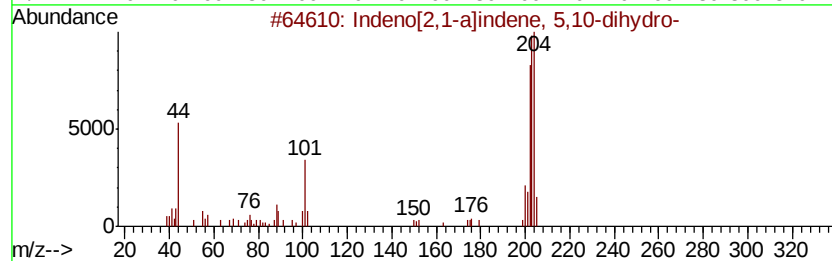
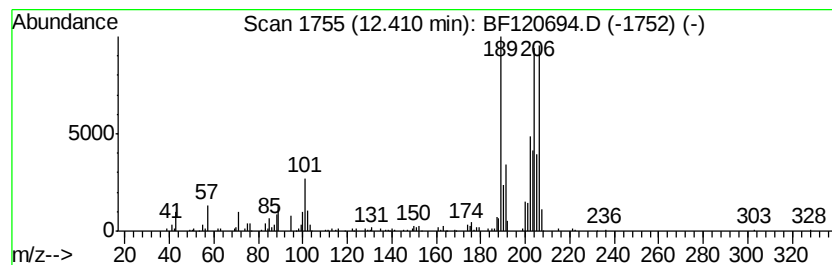
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown12.41 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	6.25 ng	385332	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	41
2		Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3		Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	35
4		9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	30
5		2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	27



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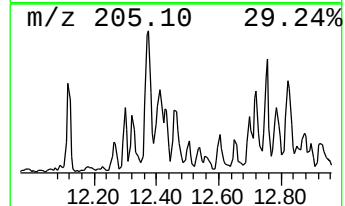
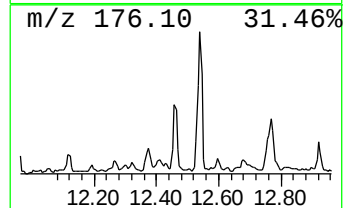
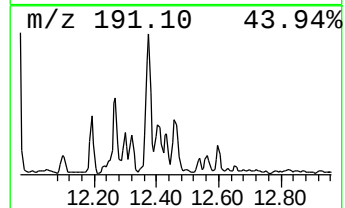
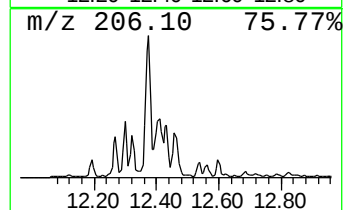
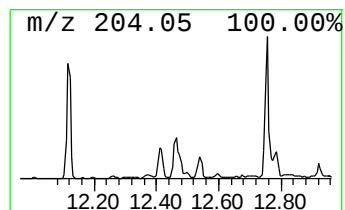
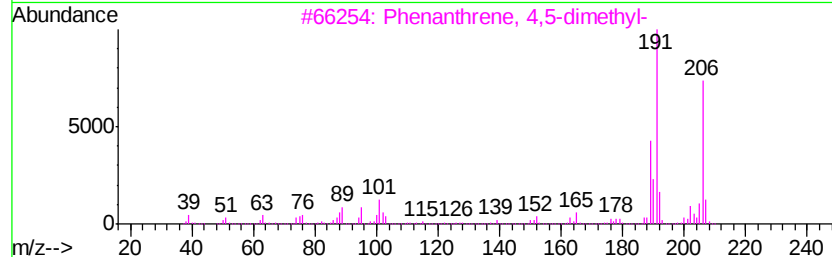
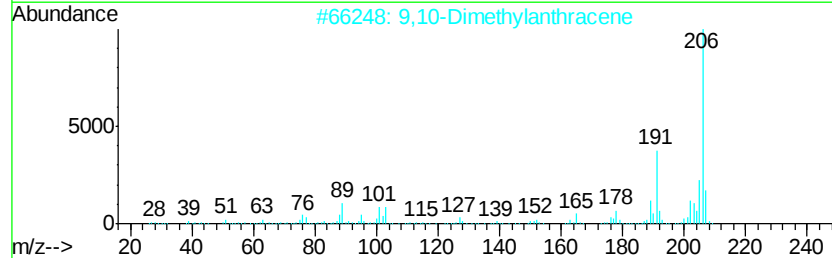
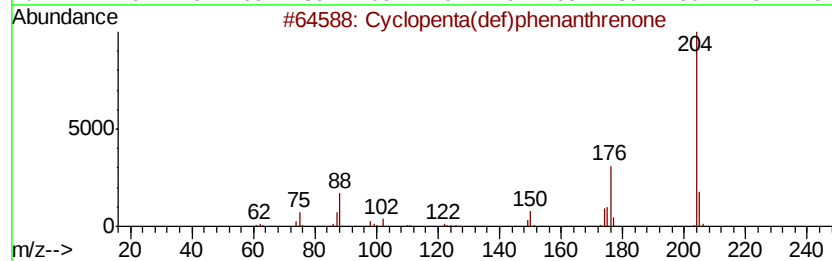
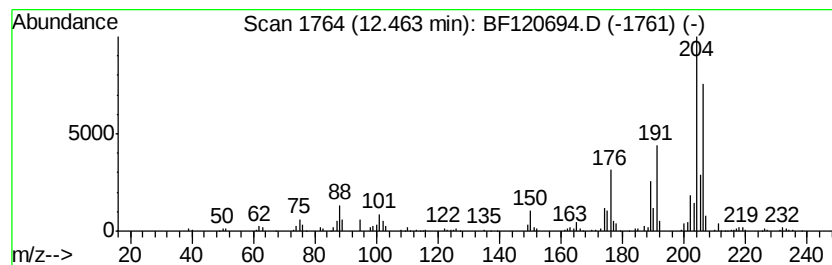
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	6.04 ng	372150	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	45
3			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	45
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	45
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
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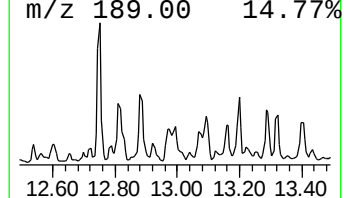
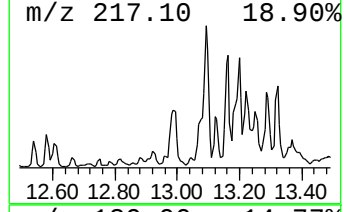
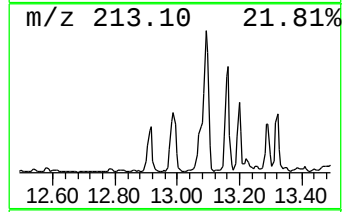
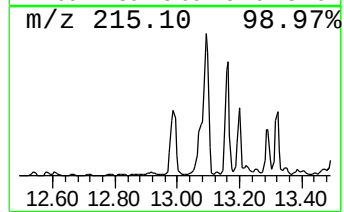
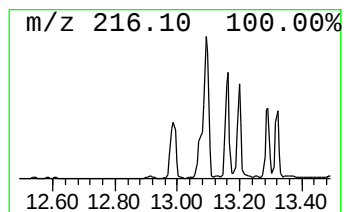
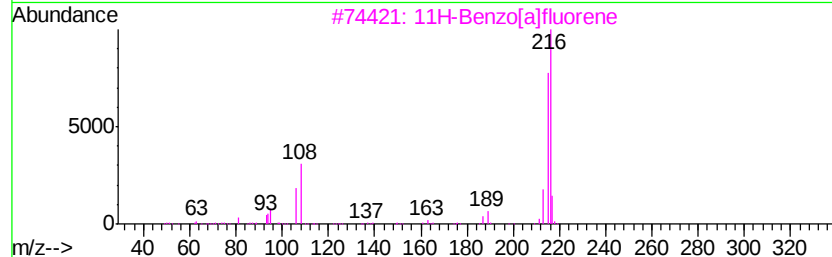
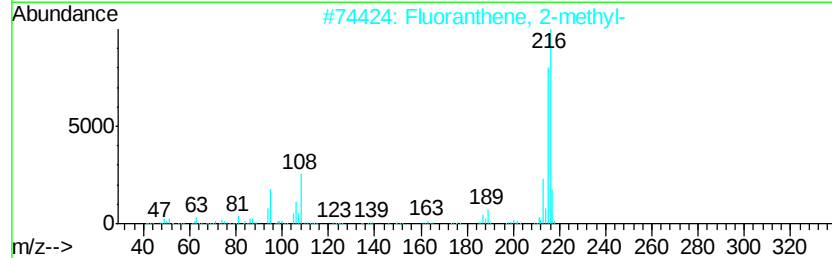
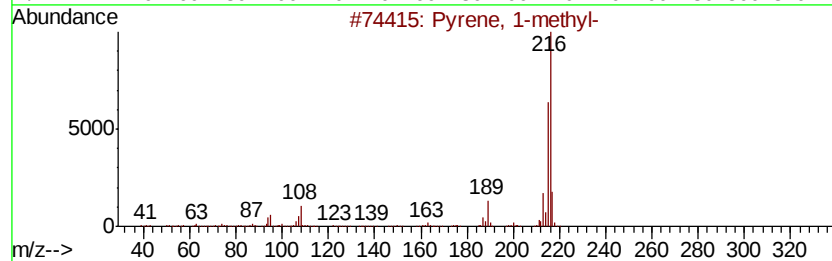
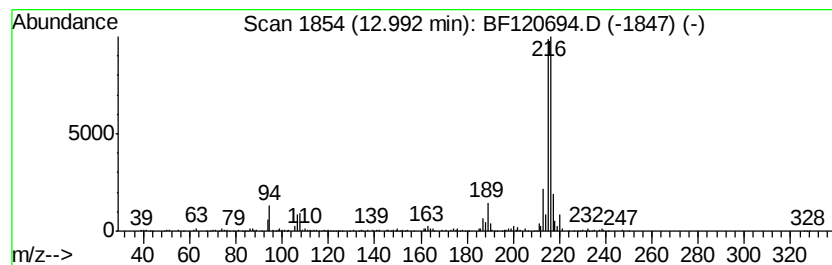
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	3.70 ng	630648	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
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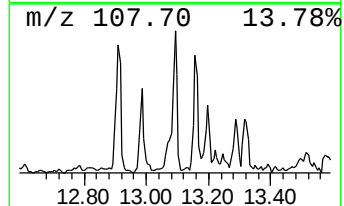
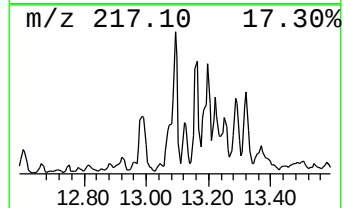
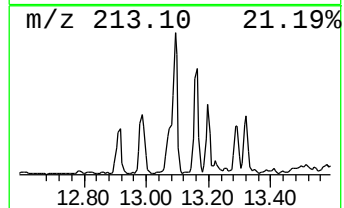
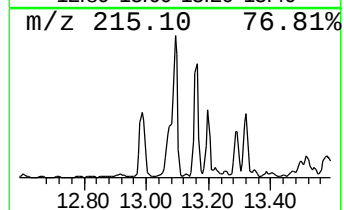
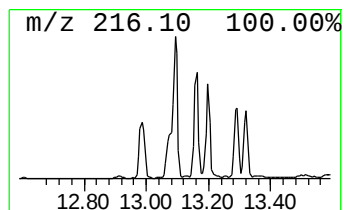
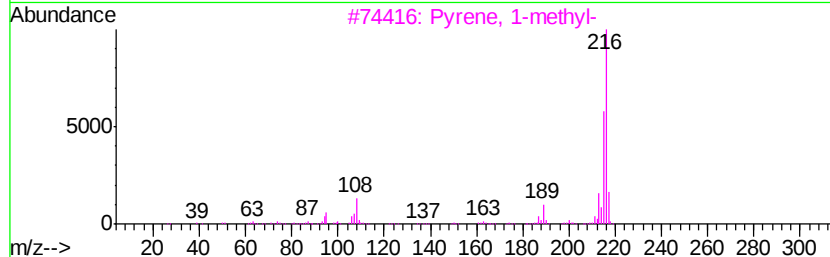
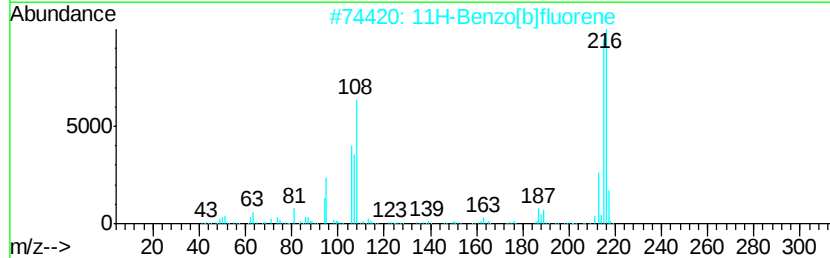
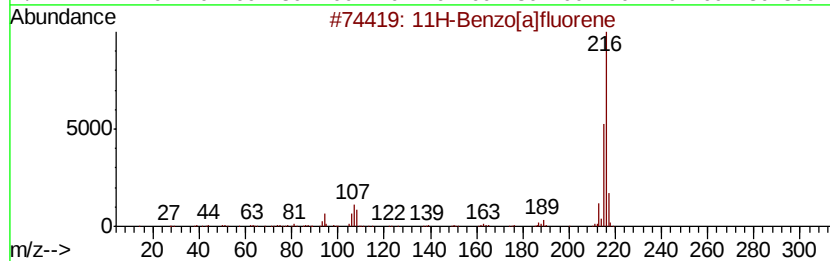
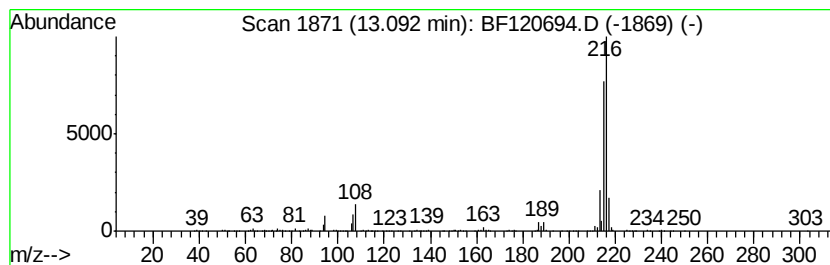
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	4.34 ng	738796	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	97
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	90
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5		1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
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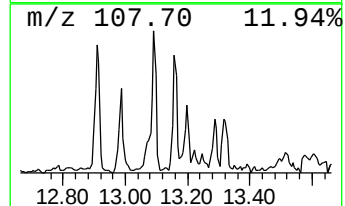
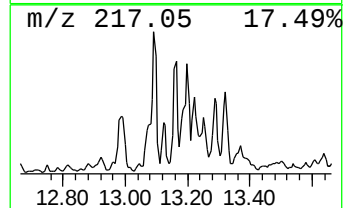
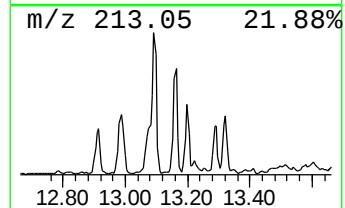
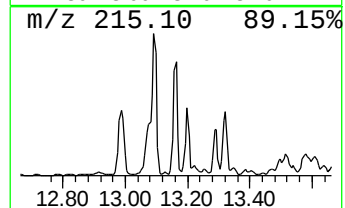
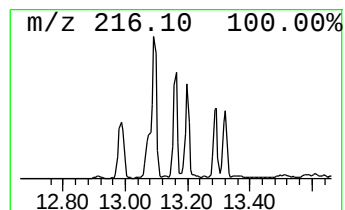
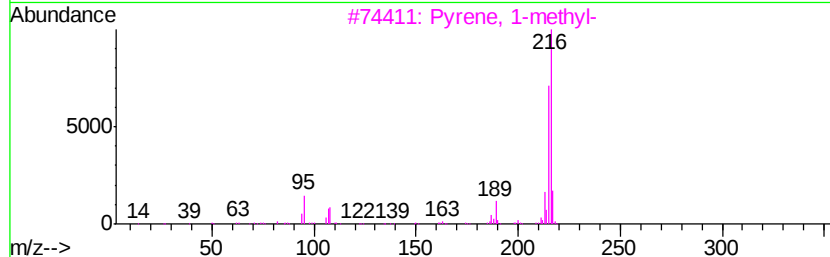
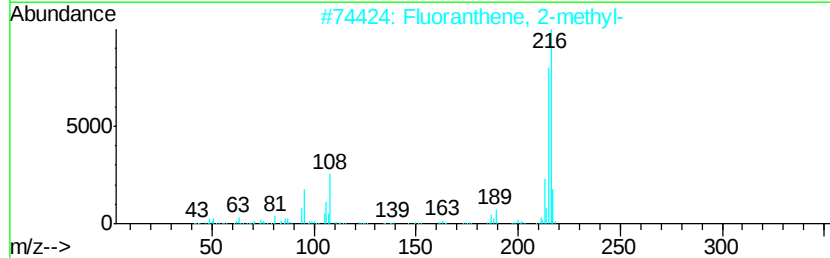
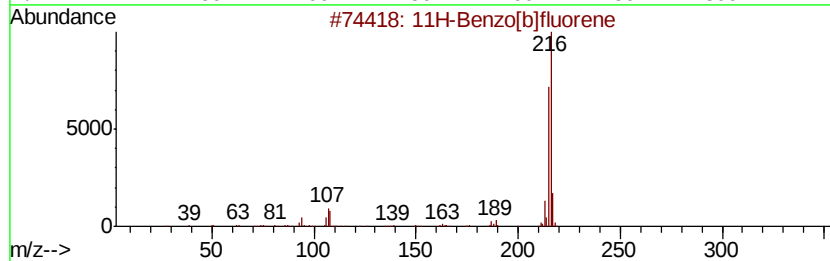
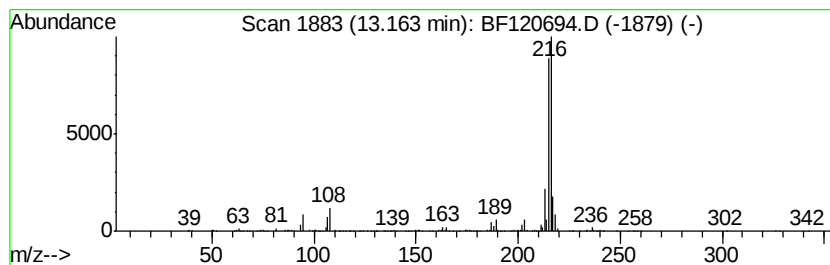
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	3.55 ng	605240	Chrysene-d12	13.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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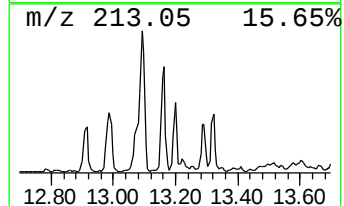
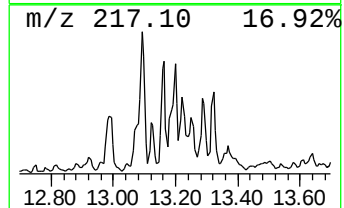
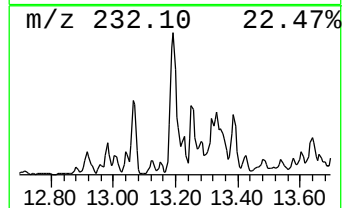
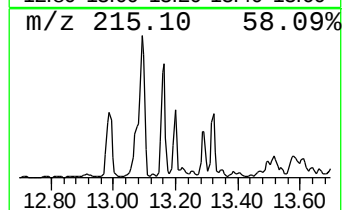
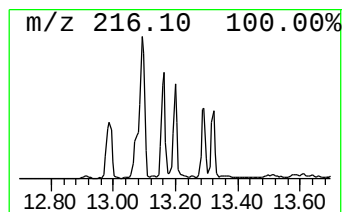
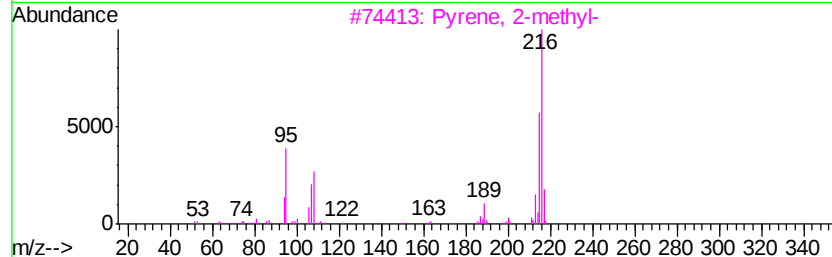
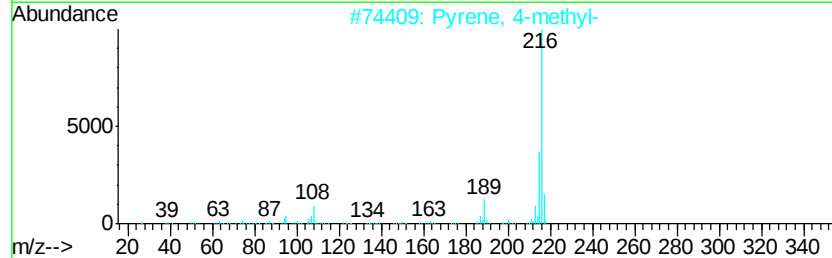
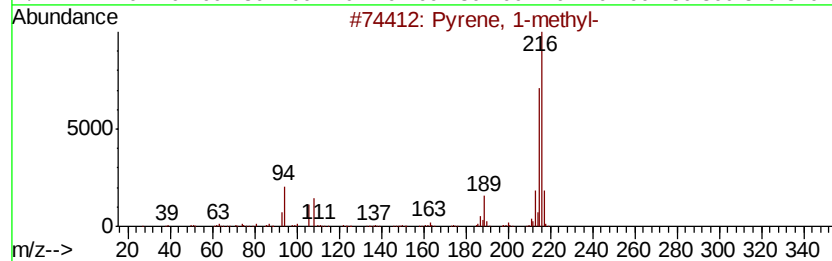
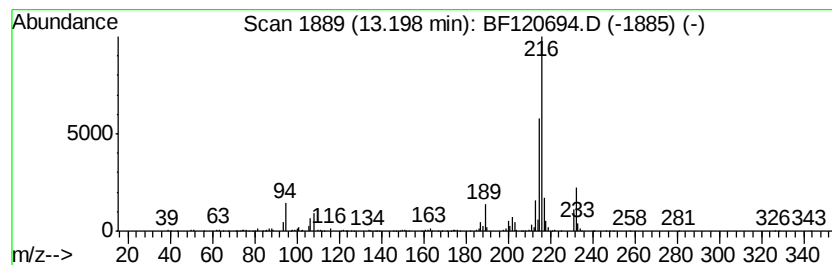
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Pyrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	3.40 ng	579372	Chrysene-d12	13.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4			11H-Benzo[alfluorene	216	C17H12	000238-84-6	81
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76



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Sample : L3082-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampled :
SB-16

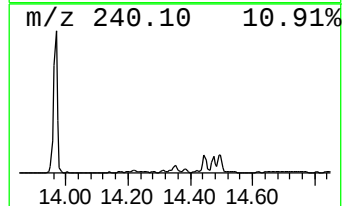
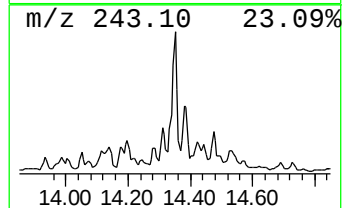
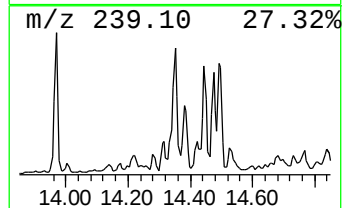
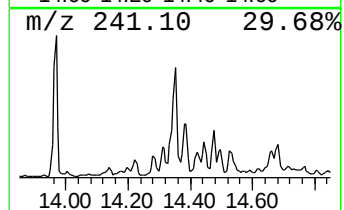
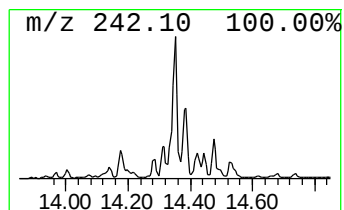
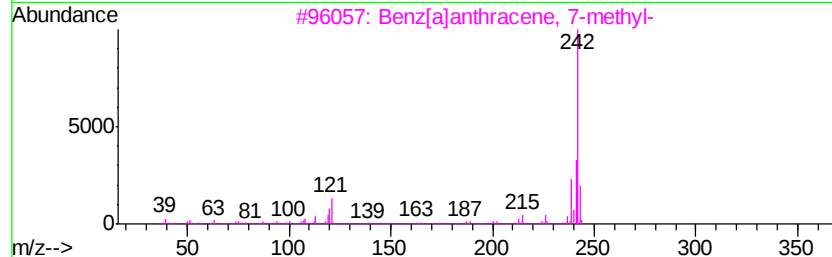
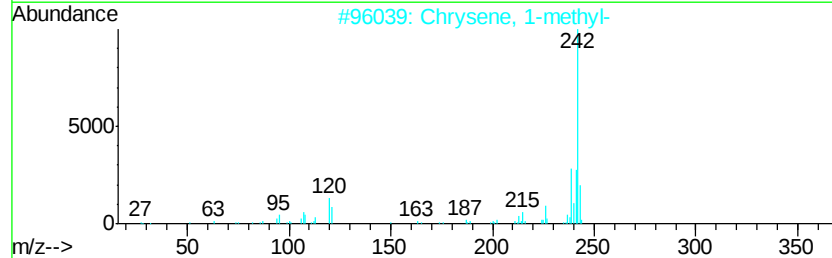
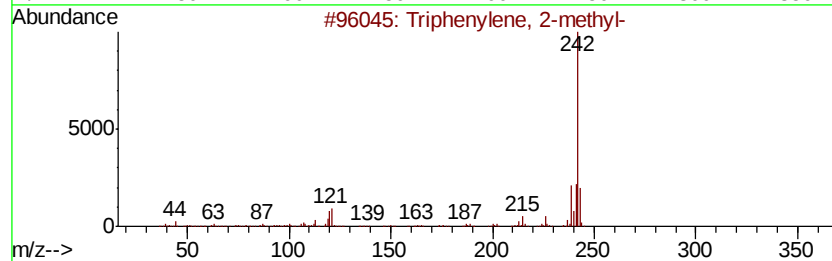
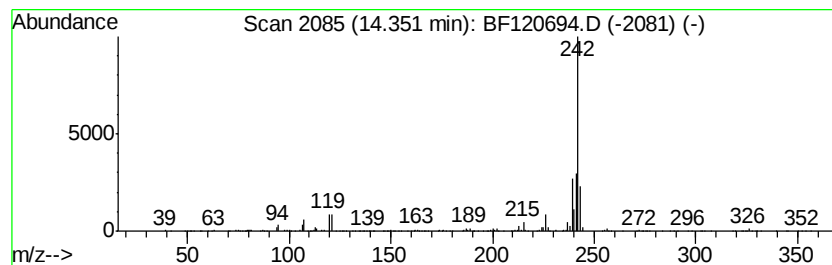
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Triphenylene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	3.52 ng	599004	Chrysene-d12	13.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2			Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
3			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
4			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	94
5			2-Methylchrysene	242	C19H14	003351-32-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120694.D
Acq On : 23 Jun 2020 00:04
Operator : JU/CG
Sample : L3082-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-16

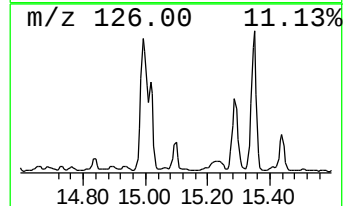
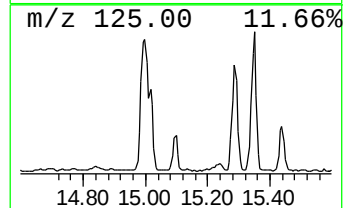
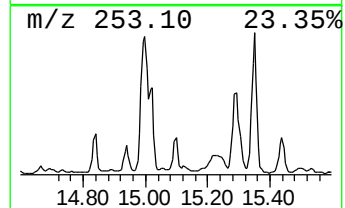
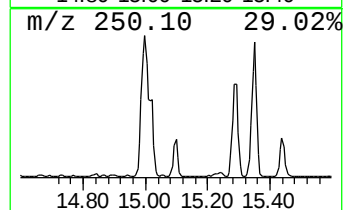
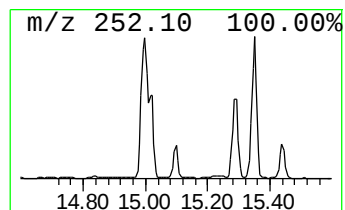
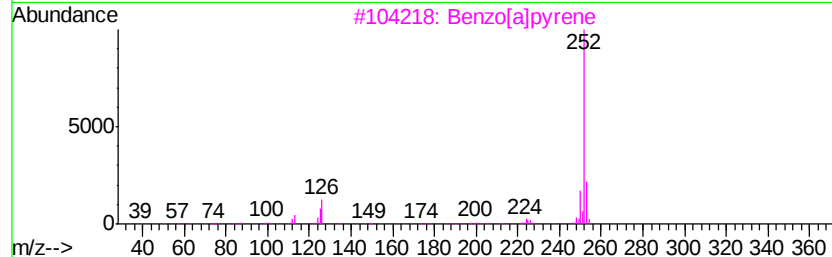
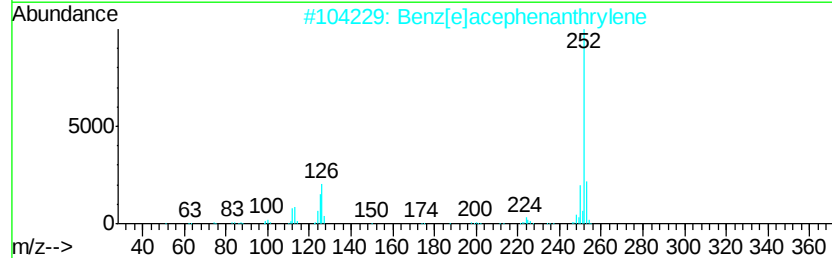
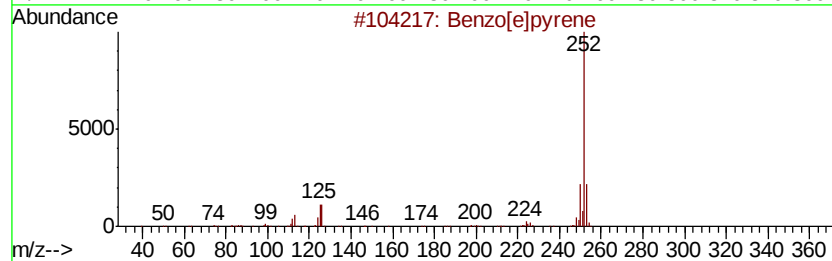
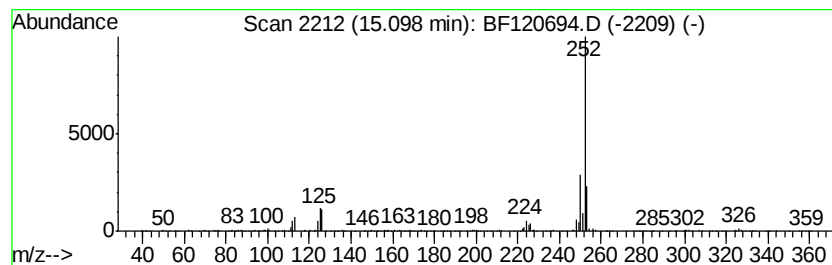
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.40 ng	275874	Perylene-d12	15.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]bpvrene	252	C20H12	000192-97-2	96
2			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
3			Benzo[a]bpvrene	252	C20H12	000050-32-8	90
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5			Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062220\
 Data File : BF120694.D
 Acq On : 23 Jun 2020 00:04
 Operator : JU/CG
 Sample : L3082-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
9H-Fluorene, 2-me...	10.93	4.2	ng	259000	4	11.32	1232460	20.0
Anthracene, 1,2,3...	11.18	4.3	ng	261589	4	11.32	1232460	20.0
Phenanthrene, 2-m...	11.82	12.4	ng	762126	4	11.32	1232460	20.0
Phenanthrene, 1-m...	11.85	13.5	ng	834241	4	11.32	1232460	20.0
Anthracene, 1-met...	11.90	7.2	ng	442659	4	11.32	1232460	20.0
4H-Cyclopenta[def...	11.93	22.6	ng	1391670	4	11.32	1232460	20.0
1H-Cyclopropa[l]p...	11.96	6.1	ng	378175	4	11.32	1232460	20.0
Naphthalene, 2-ph...	12.12	5.9	ng	360988	4	11.32	1232460	20.0
Phenanthrene, 4,5...	12.27	4.1	ng	253450	4	11.32	1232460	20.0
di-p-Tolylacetylene	12.37	9.7	ng	596271	4	11.32	1232460	20.0
unknown12.41	12.41	6.3	ng	385332	4	11.32	1232460	20.0
Cyclopenta(def)ph...	12.46	6.0	ng	372150	4	11.32	1232460	20.0
Pyrene, 1-methyl-	12.99	3.7	ng	630648	5	13.97	3406650	20.0
11H-Benzo[a]fluorene	13.09	4.3	ng	738796	5	13.97	3406650	20.0
11H-Benzo[b]fluorene	13.16	3.5	ng	605240	5	13.97	3406650	20.0
Pyrene, 4-methyl-	13.20	3.4	ng	579372	5	13.97	3406650	20.0
Triphenylene, 2-m...	14.35	3.5	ng	599004	5	13.97	3406650	20.0
Benzo[e]pyrene	15.10	4.4	ng	275874	6	15.41	1254640	20.0