

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102316.D
 Acq On : 22 Jan 2018 22:58
 Operator : SJ/JU
 Sample : J1238-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-0-2.0

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:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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	4.922	478	482	492	rBV	170710	247026	6.76%	0.414%
2	5.334	547	552	555	rBV	3270906	3414311	93.50%	5.724%
3	6.369	722	728	740	rBV	3070576	3651853	100.00%	6.122%
4	6.492	744	749	752	rBV	3592806	3484079	95.41%	5.841%
5	6.716	783	787	794	rBV	1046215	880036	24.10%	1.475%
6	6.875	809	814	817	rBV	2958270	2625752	71.90%	4.402%
7	7.287	878	884	887	rBV	2238321	2162498	59.22%	3.626%
8	7.998	997	1005	1007	rBV	1386391	1154363	31.61%	1.935%
9	8.022	1007	1009	1016	rVB	281421	235482	6.45%	0.395%
10	8.710	1123	1126	1130	rBV	114337	97798	2.68%	0.164%
11	8.810	1140	1143	1147	rVB	107240	81889	2.24%	0.137%
12	9.075	1183	1188	1192	rBV	3251203	3140725	86.00%	5.266%
13	9.157	1197	1202	1203	rVV	67881	62377	1.71%	0.105%
14	9.175	1203	1205	1210	rVB2	53106	57926	1.59%	0.097%
15	9.339	1229	1233	1237	rBV2	47893	64444	1.76%	0.108%
16	9.410	1241	1245	1248	rBV	104417	107568	2.95%	0.180%
17	9.469	1252	1255	1258	rVV	466800	407074	11.15%	0.682%
18	9.528	1262	1265	1269	rBV2	56341	60192	1.65%	0.101%
19	9.610	1277	1279	1284	rVB	150181	136232	3.73%	0.228%
20	9.680	1288	1291	1295	rVB	186963	149266	4.09%	0.250%
21	9.751	1295	1303	1306	rBV	1322095	1215763	33.29%	2.038%
22	9.786	1306	1309	1312	rVB	509279	423022	11.58%	0.709%
23	9.910	1325	1330	1333	rBV3	67074	74981	2.05%	0.126%
24	9.957	1333	1338	1342	rVV	265519	268901	7.36%	0.451%
25	9.998	1342	1345	1349	rVB3	55827	71330	1.95%	0.120%
26	10.157	1368	1372	1374	rBV2	50002	59924	1.64%	0.100%
27	10.180	1374	1376	1379	rVB	225904	173124	4.74%	0.290%
28	10.298	1393	1396	1401	rVB	498677	414971	11.36%	0.696%
29	10.386	1409	1411	1413	rBV	67738	60915	1.67%	0.102%
30	10.457	1420	1423	1426	rVB	109068	96945	2.65%	0.163%
31	10.545	1431	1438	1441	rBV	1943468	1864895	51.07%	3.127%
32	10.657	1453	1457	1465	rVB3	177615	234978	6.43%	0.394%
33	10.845	1483	1489	1492	rBV3	116552	165553	4.53%	0.278%
34	10.875	1492	1494	1497	rVB2	59598	55234	1.51%	0.093%

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35	10.998	1513	1515	1520	rVB2	62952	52535	1.44%	0.088%
36	11.045	1520	1523	1527	rVB	120774	111219	3.05%	0.186%
37	11.098	1527	1532	1535	rBV3	107536	164466	4.50%	0.276%
38	11.133	1535	1538	1543	rVB	219209	199246	5.46%	0.334%
39	11.239	1552	1556	1558	rBV	999148	981403	26.87%	1.645%
40	11.269	1558	1561	1564	rVV	2782474	2488727	68.15%	4.172%
41	11.316	1564	1569	1572	rVV	899515	784974	21.50%	1.316%
42	11.345	1572	1574	1577	rVV2	86561	87987	2.41%	0.148%
43	11.474	1589	1596	1603	rBV2	335653	449339	12.30%	0.753%
44	11.533	1603	1606	1610	rVV3	108673	107005	2.93%	0.179%
45	11.569	1610	1612	1616	rVB3	86620	86019	2.36%	0.144%
46	11.739	1636	1641	1643	rBV	404401	359995	9.86%	0.604%
47	11.769	1643	1646	1649	rVV	539761	467527	12.80%	0.784%
48	11.816	1649	1654	1657	rVV2	221284	237364	6.50%	0.398%
49	11.851	1657	1660	1662	rVV	662950	643615	17.62%	1.079%
50	11.874	1662	1664	1668	rVB	261098	218477	5.98%	0.366%
51	11.922	1668	1672	1674	rBV3	65183	91506	2.51%	0.153%
52	12.033	1689	1691	1694	rBV	231297	194083	5.31%	0.325%
53	12.063	1694	1696	1699	rVB	203993	157668	4.32%	0.264%
54	12.180	1714	1716	1719	rVB	99061	84210	2.31%	0.141%
55	12.216	1719	1722	1724	rBV	87397	74665	2.04%	0.125%
56	12.239	1724	1726	1729	rVB	75683	56275	1.54%	0.094%
57	12.286	1731	1734	1737	rBV	194068	225893	6.19%	0.379%
58	12.327	1738	1741	1743	rVV	140984	142113	3.89%	0.238%
59	12.374	1746	1749	1755	rBV2	154012	190583	5.22%	0.320%
60	12.457	1758	1763	1766	rBV	3013522	3010201	82.43%	5.047%
61	12.492	1766	1769	1771	rVV2	60369	54393	1.49%	0.091%
62	12.516	1771	1773	1775	rVB	82478	53196	1.46%	0.089%
63	12.545	1775	1778	1781	rVB	70079	62497	1.71%	0.105%
64	12.604	1785	1788	1791	rVB	96654	101222	2.77%	0.170%
65	12.686	1796	1802	1807	rVV2	2611651	3255998	89.16%	5.459%
66	12.727	1807	1809	1814	rVB2	156344	165904	4.54%	0.278%
67	12.798	1818	1821	1822	rBV	174156	145517	3.98%	0.244%
68	12.827	1822	1826	1832	rVB	2099586	2153197	58.96%	3.610%
69	12.898	1833	1838	1842	rBV2	212206	371651	10.18%	0.623%
70	12.933	1842	1844	1846	rVB	106976	73511	2.01%	0.123%
71	12.986	1850	1853	1854	rVV2	195119	208694	5.71%	0.350%

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72	13.010	1854	1857	1860	rVB2	527733	475008	13.01%	0.796%
73	13.074	1865	1868	1871	rBV	421097	323750	8.87%	0.543%
74	13.110	1871	1874	1877	rBV2	302857	325790	8.92%	0.546%
75	13.168	1882	1884	1886	rVB	63850	53184	1.46%	0.089%
76	13.204	1886	1890	1893	rBV2	224313	233662	6.40%	0.392%
77	13.233	1893	1895	1899	rBV	173034	173445	4.75%	0.291%
78	13.492	1936	1939	1940	rBV	78925	78180	2.14%	0.131%
79	13.516	1940	1943	1947	rVB	250696	259515	7.11%	0.435%
80	13.627	1959	1962	1964	rBV2	262772	247909	6.79%	0.416%
81	13.657	1964	1967	1969	rVV	241500	245982	6.74%	0.412%
82	13.680	1969	1971	1975	rVV2	221420	307587	8.42%	0.516%
83	13.721	1975	1978	1982	rVB3	388410	438215	12.00%	0.735%
84	13.874	1998	2004	2008	rBV2	1681824	2848720	78.01%	4.776%
85	13.910	2008	2010	2017	rVB	1488802	1236341	33.86%	2.073%
86	13.986	2020	2023	2025	rVB	312603	246083	6.74%	0.413%
87	14.074	2036	2038	2040	rBV	91713	51677	1.42%	0.087%
88	14.227	2061	2064	2066	rBV2	129256	132405	3.63%	0.222%
89	14.268	2068	2071	2073	rVV	269330	260069	7.12%	0.436%
90	14.298	2074	2076	2080	rVB	142252	121333	3.32%	0.203%
91	14.357	2083	2086	2089	rVV3	220761	290313	7.95%	0.487%
92	14.386	2089	2091	2093	rVV	138596	142340	3.90%	0.239%
93	14.410	2093	2095	2098	rVB2	171850	140804	3.86%	0.236%
94	14.904	2174	2179	2182	rBV	994359	1559602	42.71%	2.615%
95	15.192	2224	2228	2233	rVB	551587	707248	19.37%	1.186%
96	15.251	2234	2238	2243	rVV	844526	1006058	27.55%	1.687%
97	15.310	2245	2248	2251	rVV	453685	580456	15.89%	0.973%
98	15.339	2251	2253	2260	rVB	262475	339922	9.31%	0.570%
99	16.704	2480	2485	2492	rVB2	336188	603290	16.52%	1.011%
100	17.127	2552	2557	2567	rVB	251442	503531	13.79%	0.844%

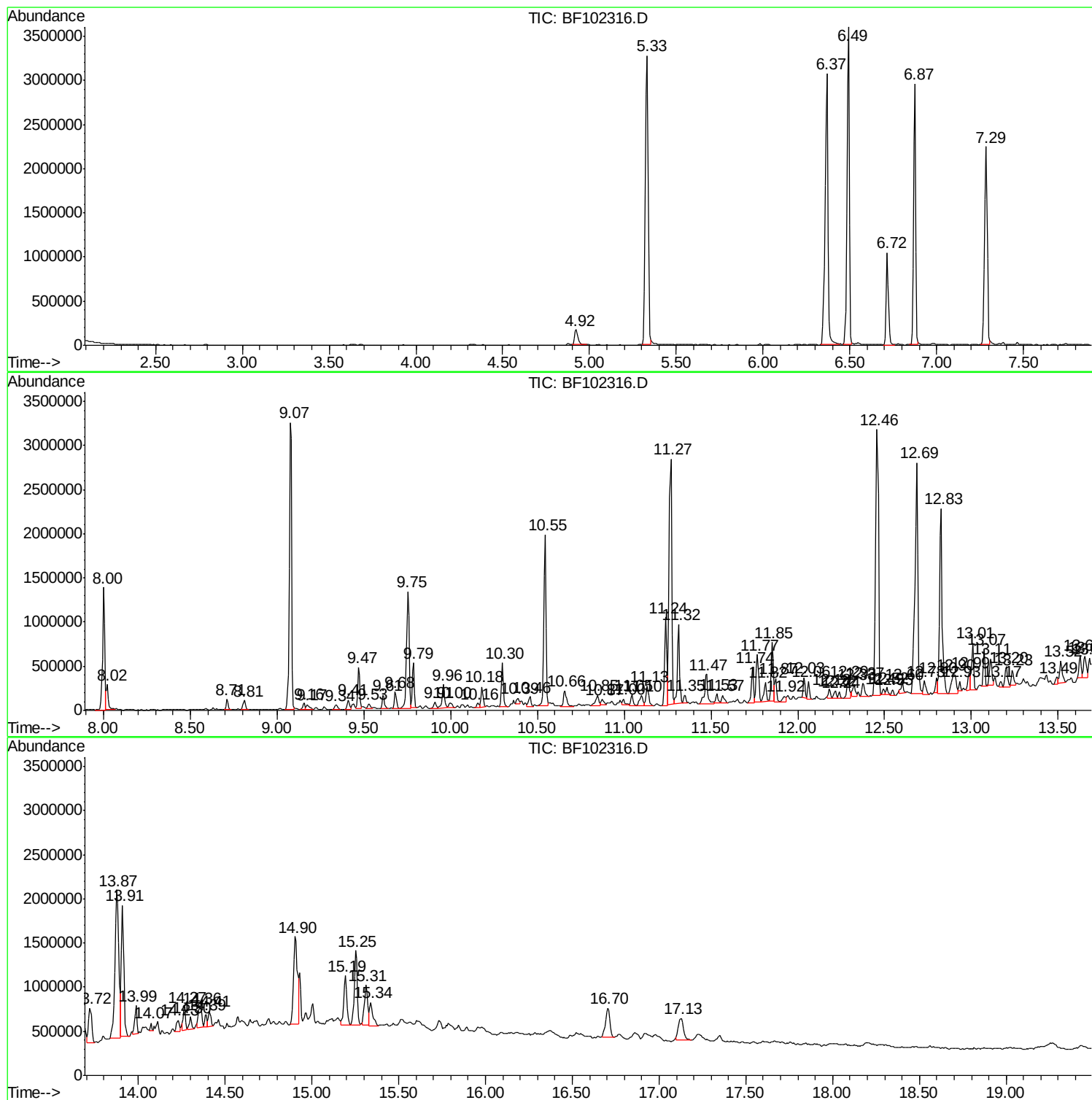
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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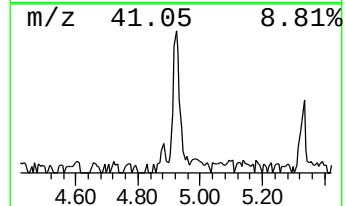
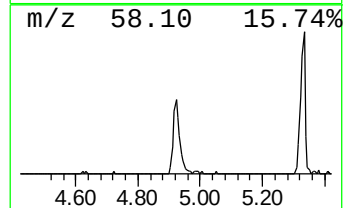
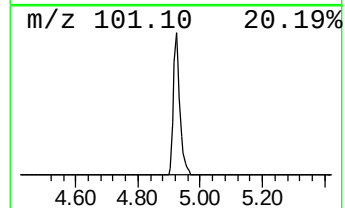
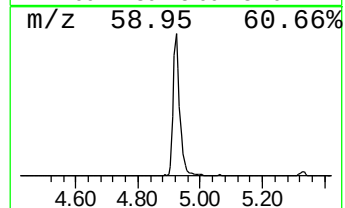
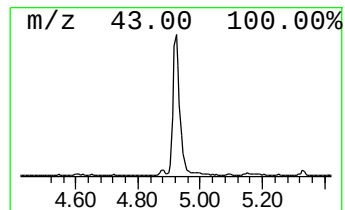
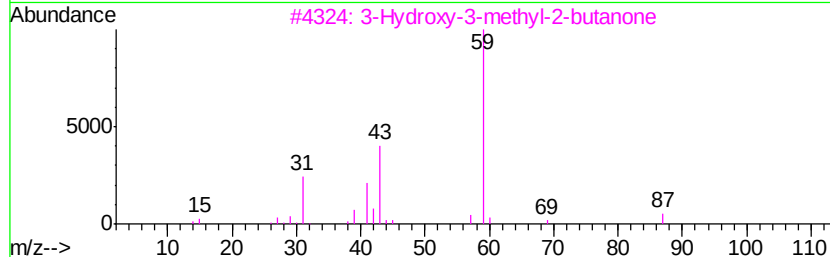
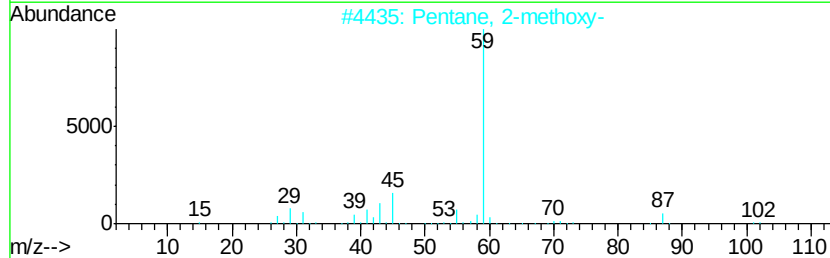
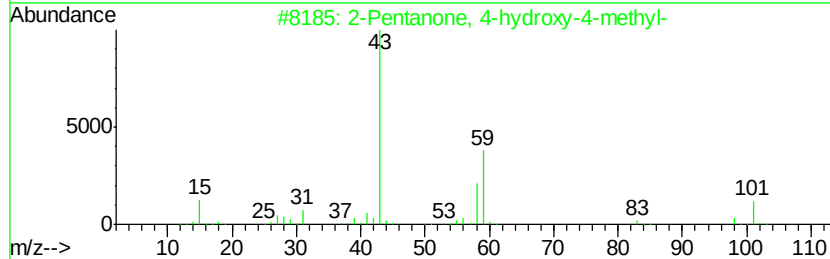
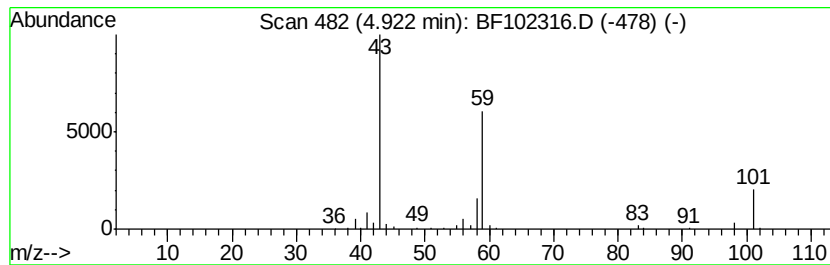
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	5.61 ng	247026	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Pentane, 2-methoxy-	102	C6H14O	006795-88-6	9
3			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
4			Propane, 2-methyl-2-(1-methylethyl)-	116	C7H16O	017348-59-3	9
5			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9



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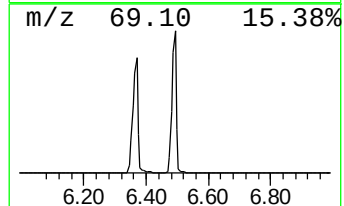
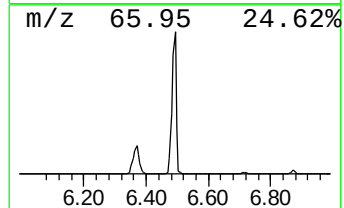
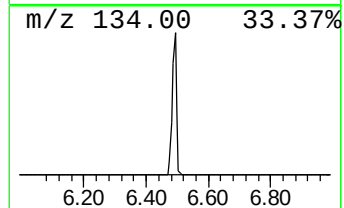
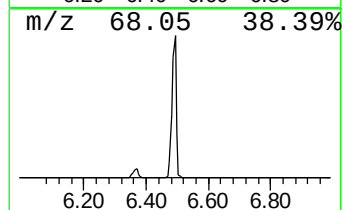
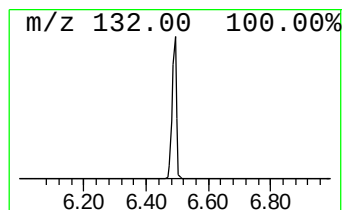
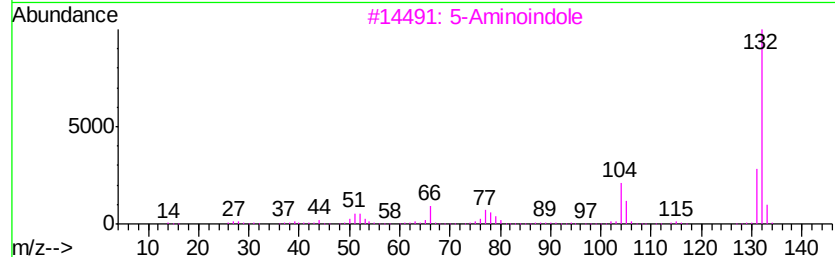
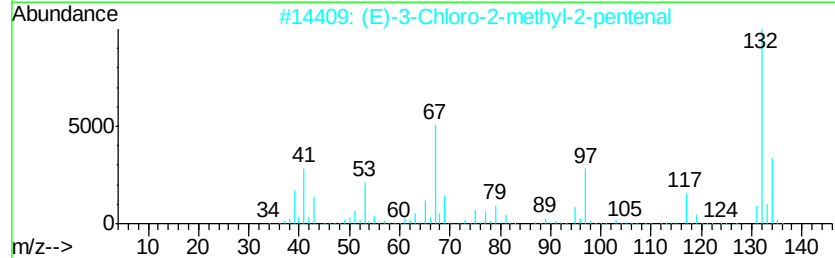
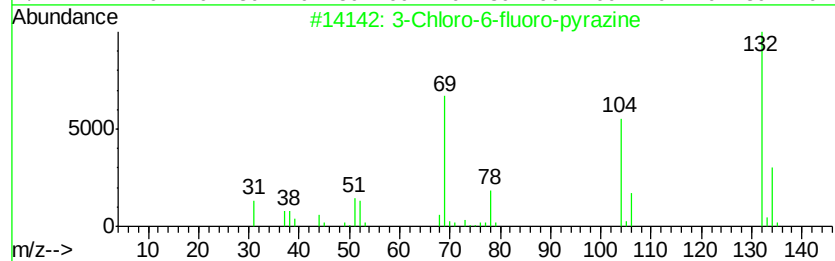
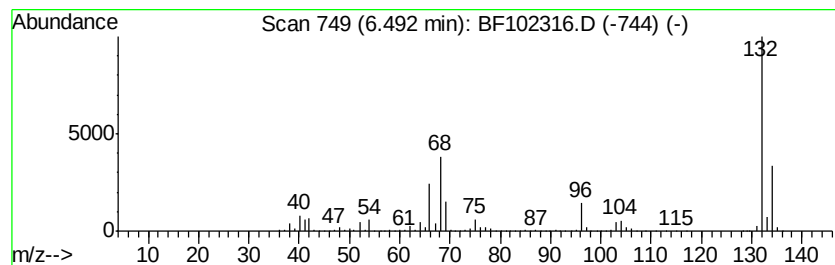
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	79.18 ng	3484080	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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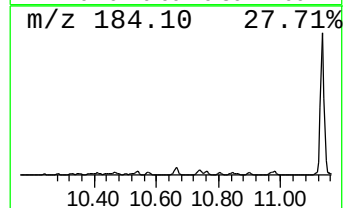
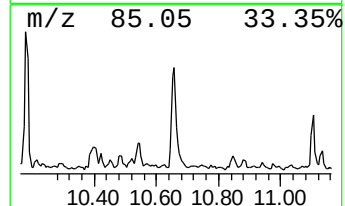
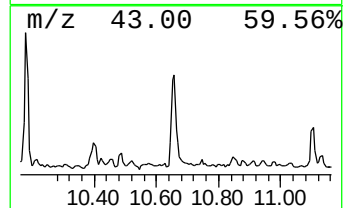
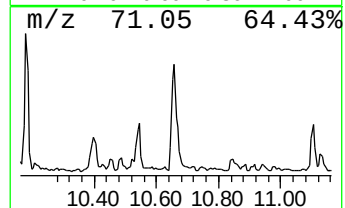
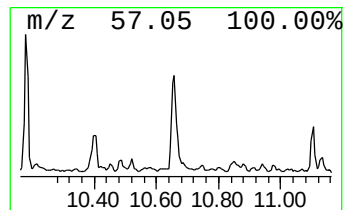
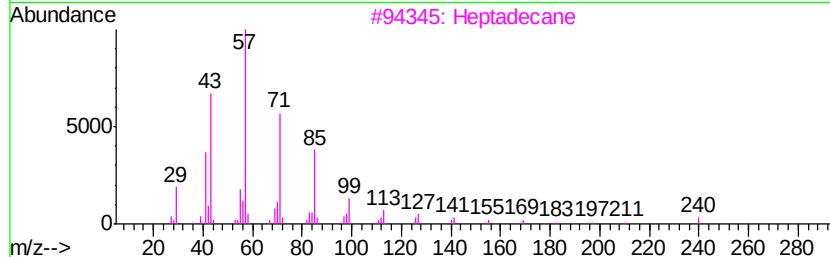
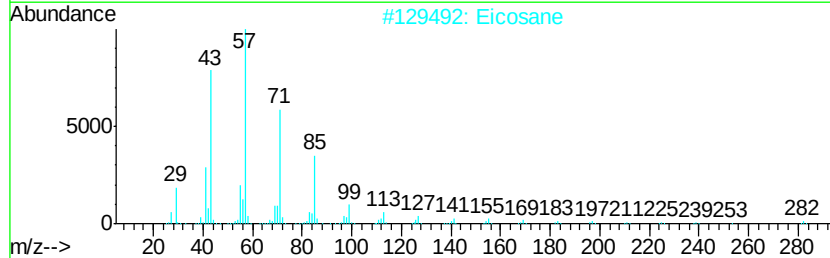
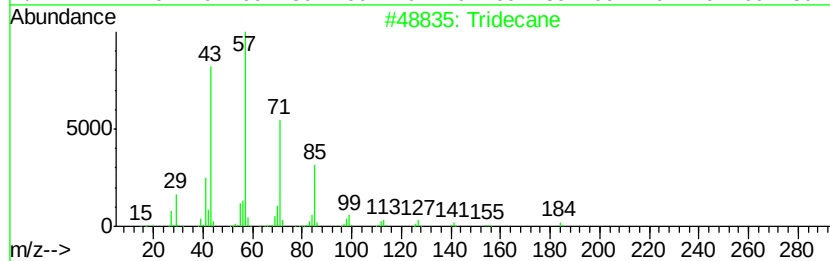
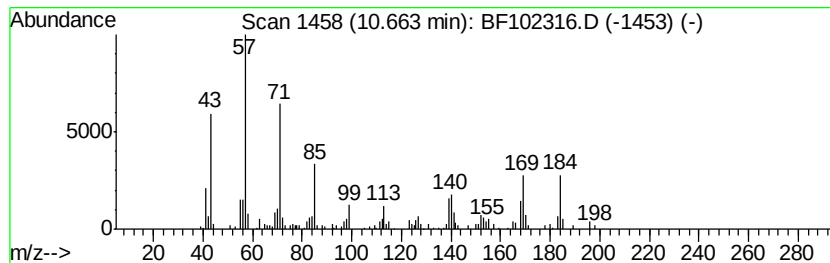
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	4.79 ng	234978	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	93
2	Eicosane		282	C20H42	000112-95-8	87
3	Heptadecane		240	C17H36	000629-78-7	87
4	Tetradecane		198	C14H30	000629-59-4	87
5	Pentadecane		212	C15H32	000629-62-9	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102316.D
Acq On : 22 Jan 2018 22:58
Operator : SJ/JU
Sample : J1238-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

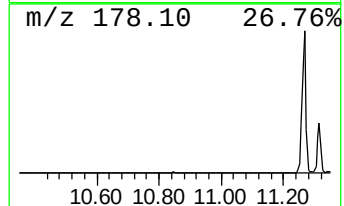
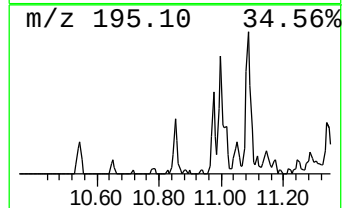
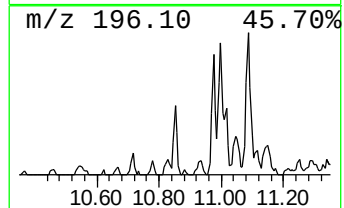
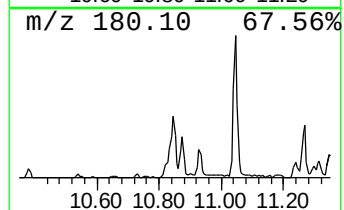
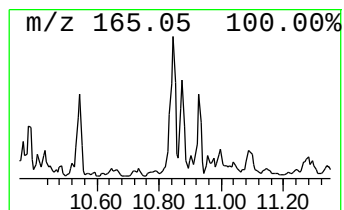
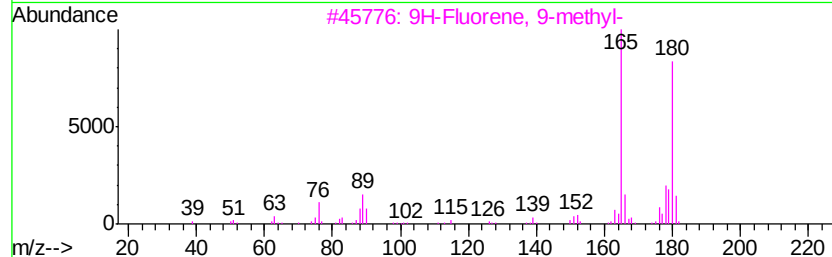
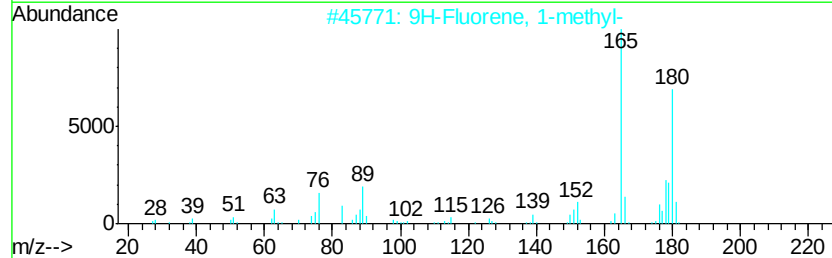
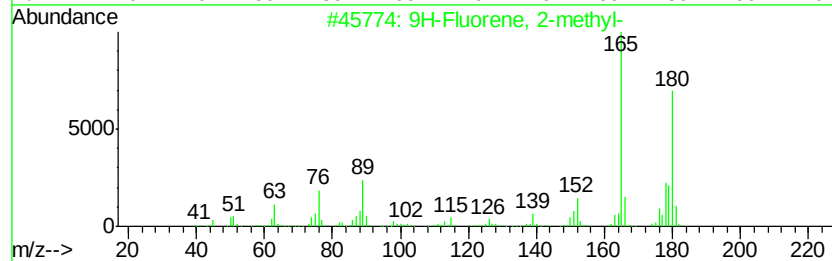
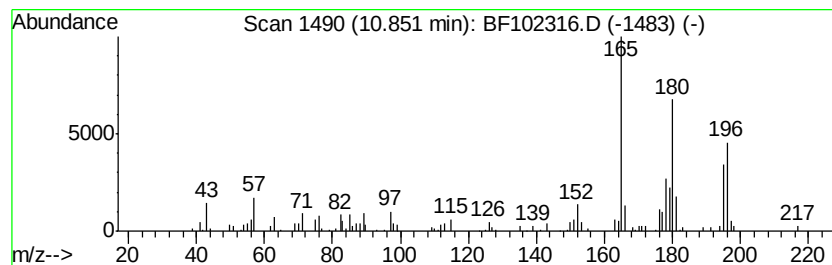
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.85	3.37 ng	165553	Phenanthrene-d10		11.24	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	89
4	9H-Fluorene, 3-methyl-		180	C14H12	002523-39-9	89
5	9H-Fluorene, 4-methyl-		180	C14H12	001556-99-6	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012218\
Data File : BF102316.D
Acq On : 22 Jan 2018 22:58
Operator : SJ/JU
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ClientSampleId :
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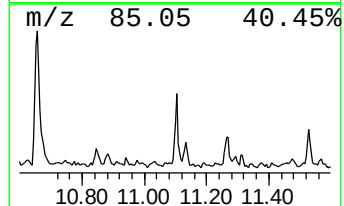
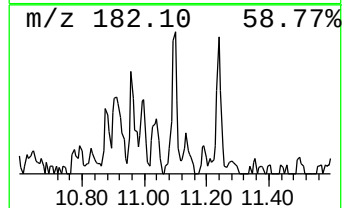
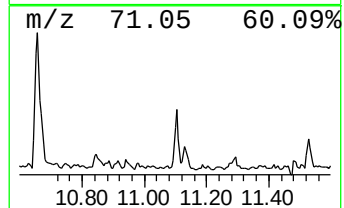
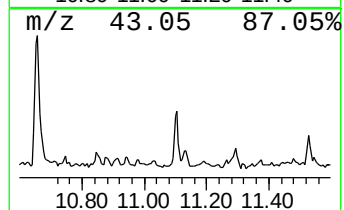
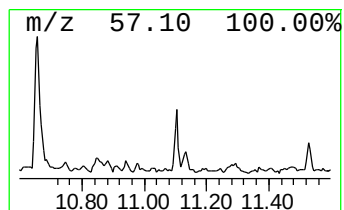
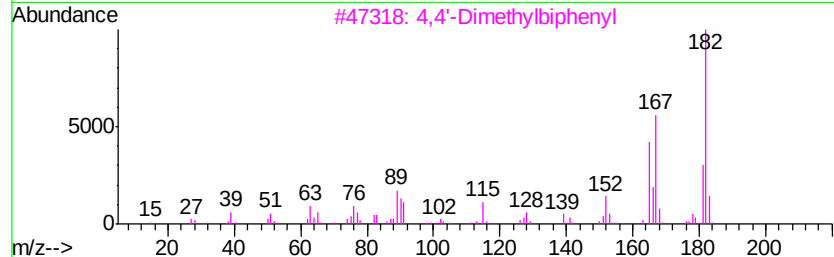
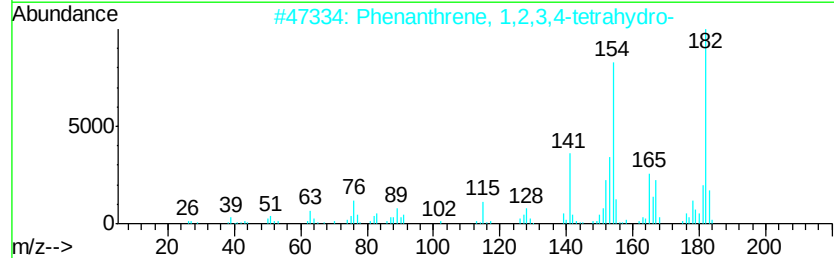
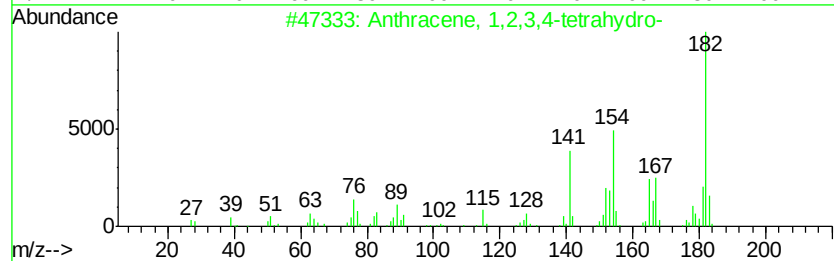
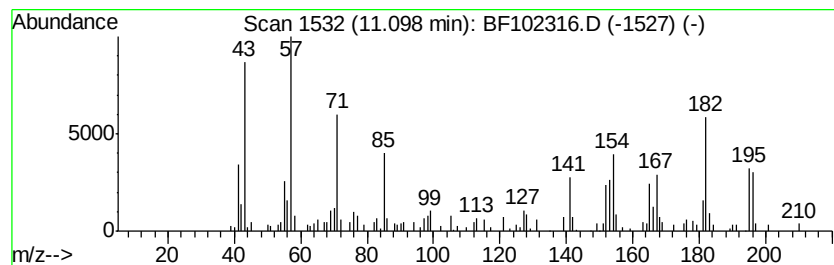
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	3.35 ng	164466	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	50
2		Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	45
3		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	38
4		7-Phenylbicyclo[3.2.1]octa-2,6-d...	182	C14H14	1000201-01-7	38
5		Bicyclo[3.2.1]octa-2,6-diene, 2-...	182	C14H14	101166-08-9	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012218\
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Operator : SJ/JU
Sample : J1238-06
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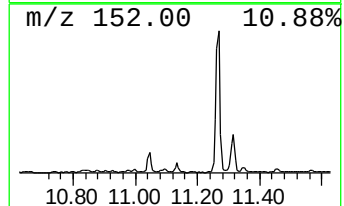
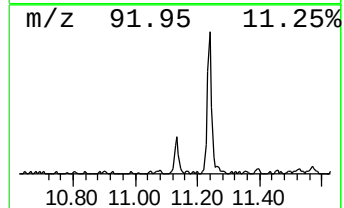
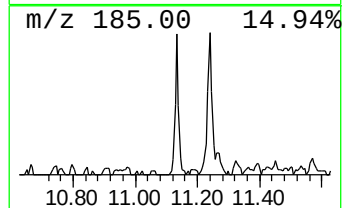
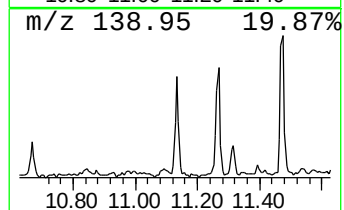
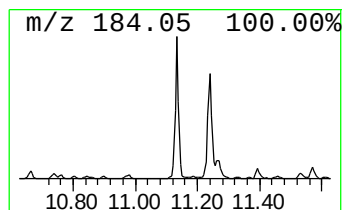
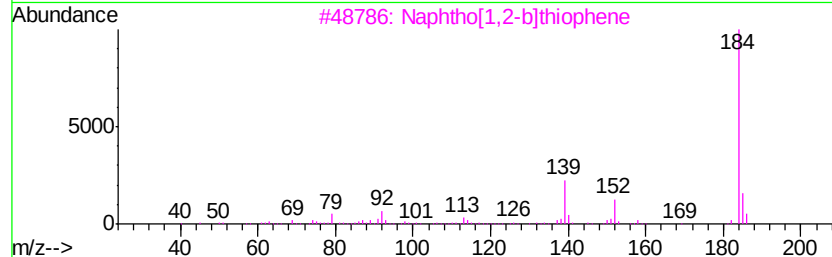
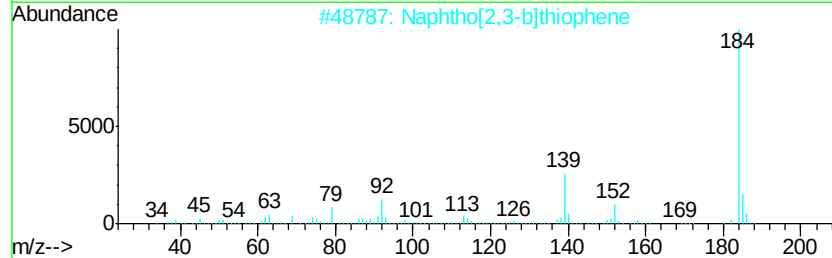
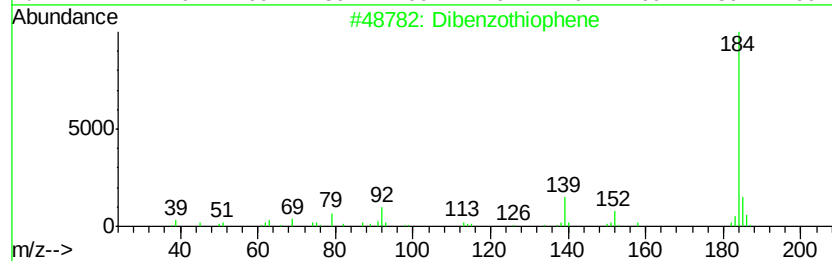
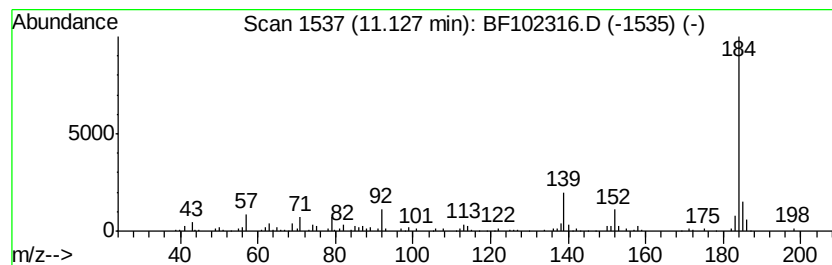
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.13	4.06 ng	199246	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102316.D
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Sample : J1238-06
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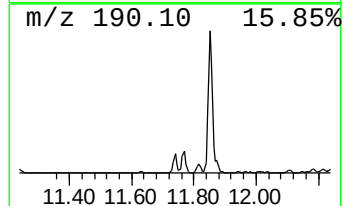
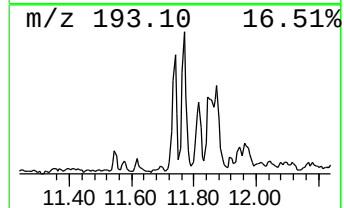
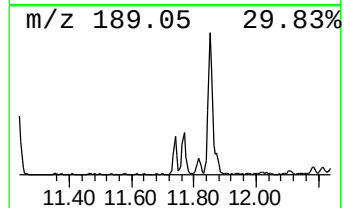
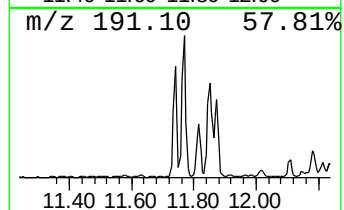
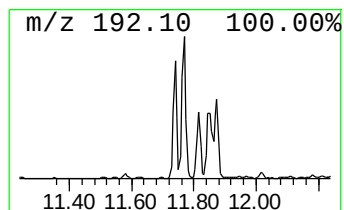
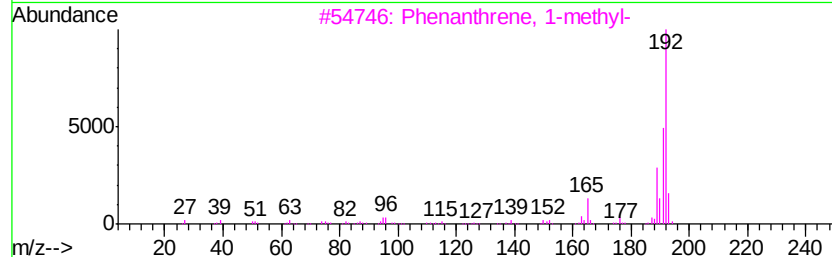
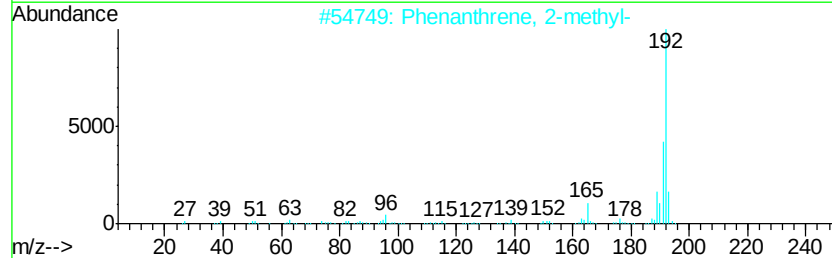
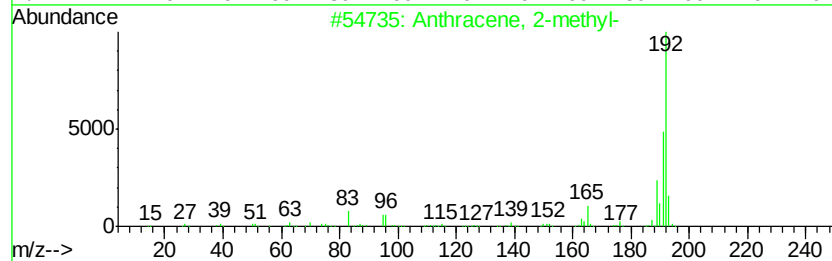
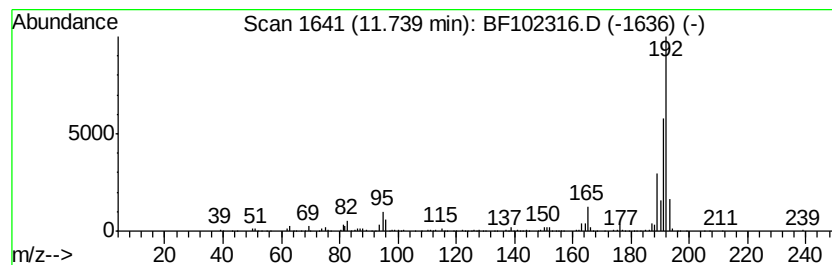
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.74	7.34 ng	359995	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102316.D
Acq On : 22 Jan 2018 22:58
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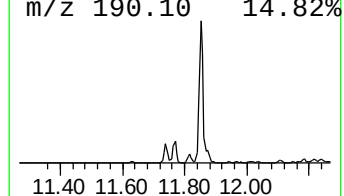
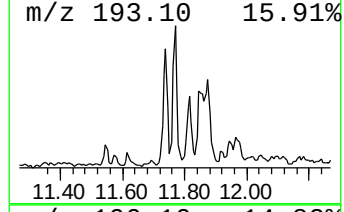
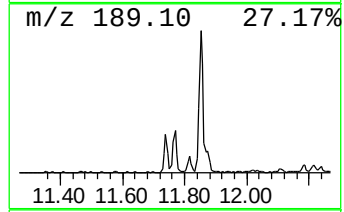
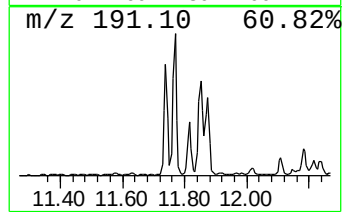
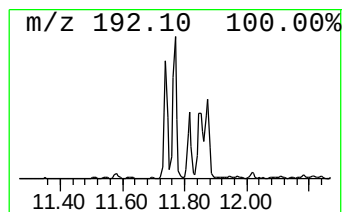
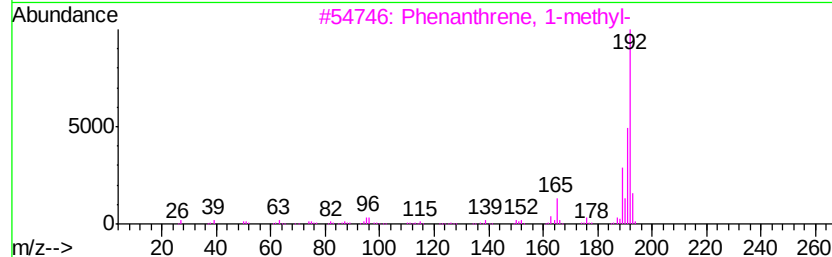
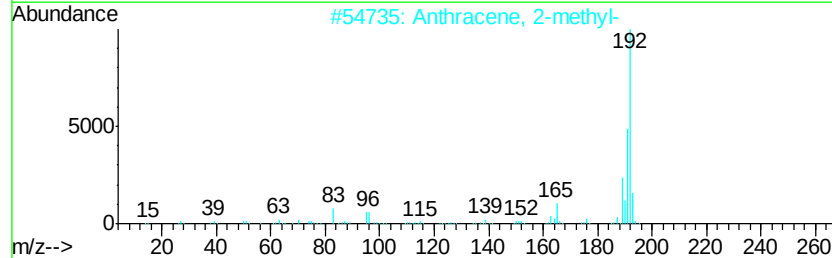
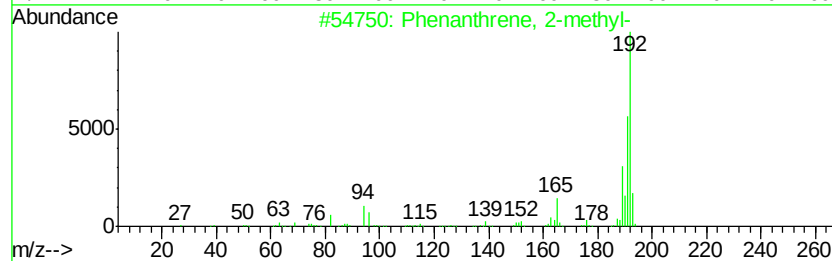
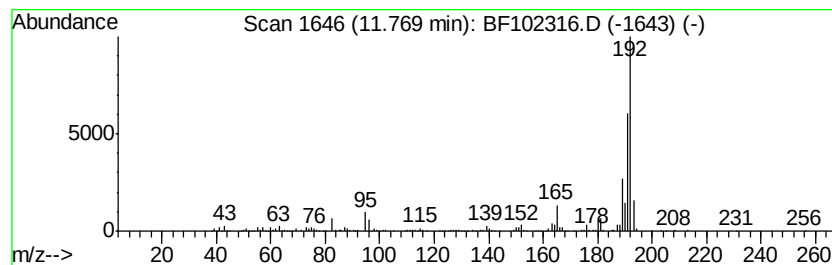
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	9.53 ng	467527	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012218\
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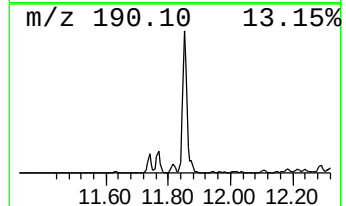
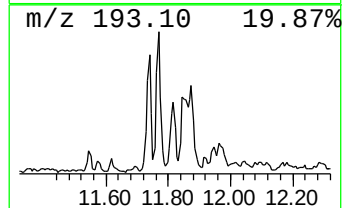
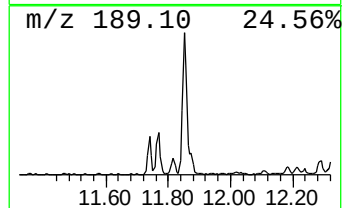
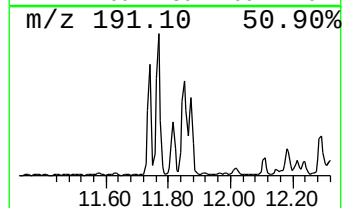
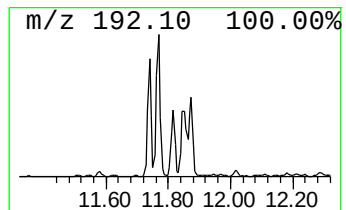
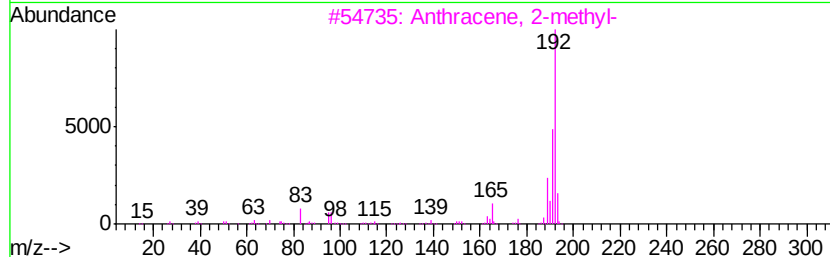
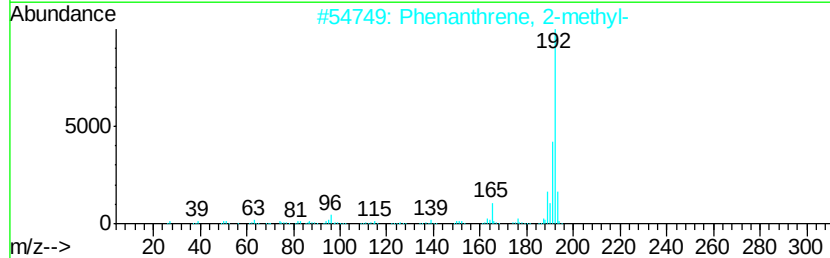
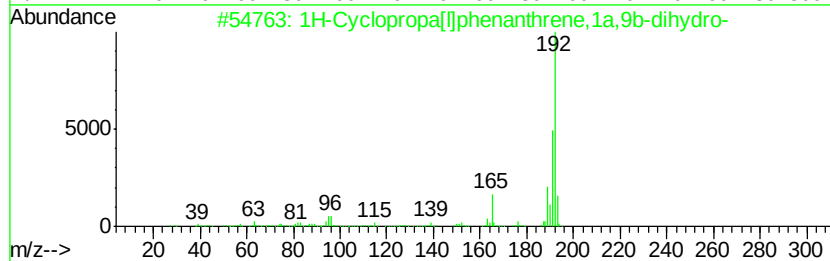
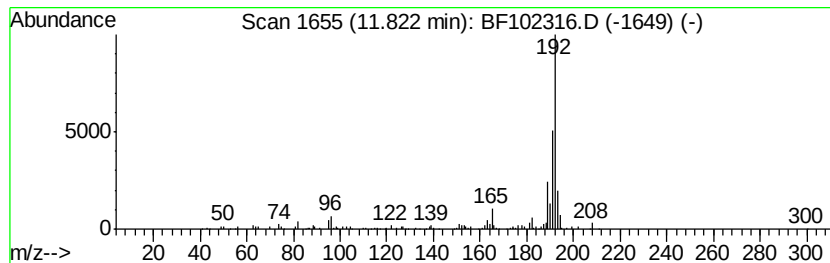
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	4.84 ng	237364	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
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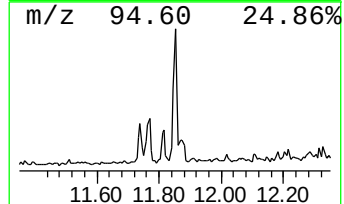
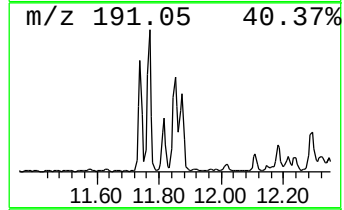
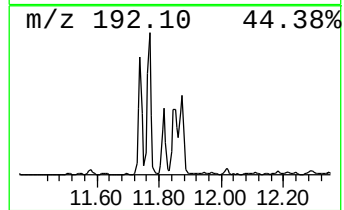
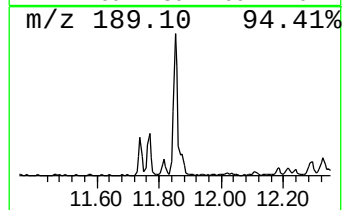
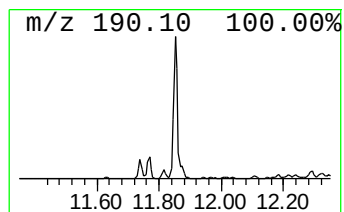
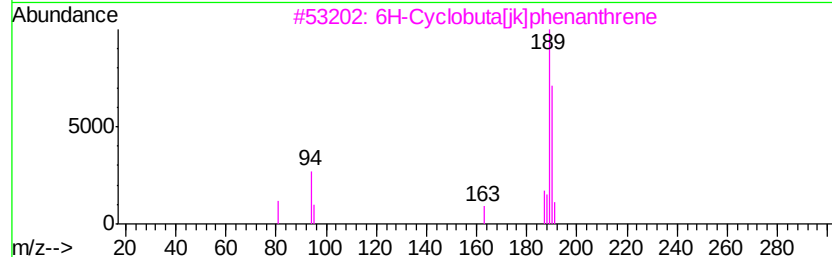
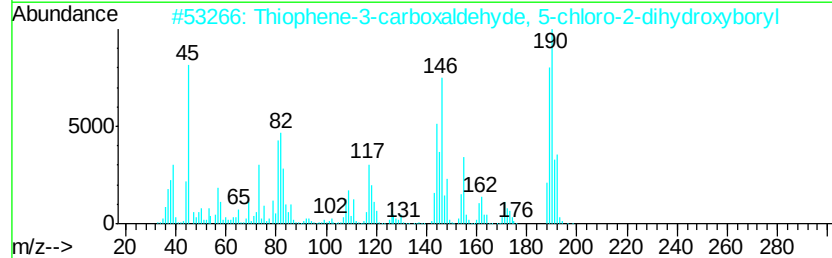
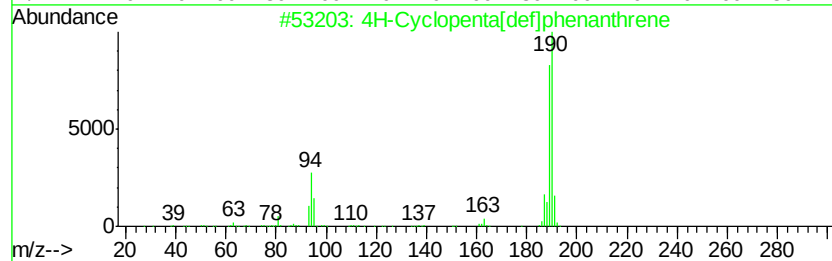
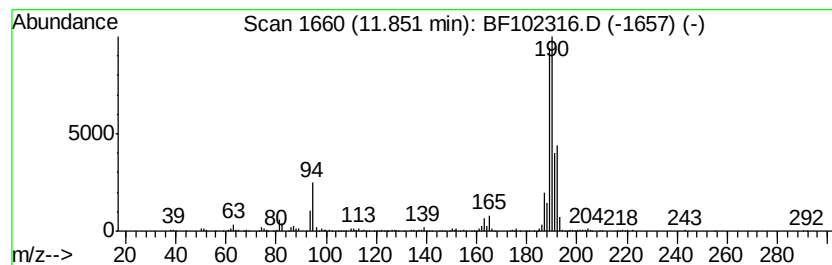
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	13.12 ng	643615	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102316.D
Acq On : 22 Jan 2018 22:58
Operator : SJ/JU
Sample : J1238-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

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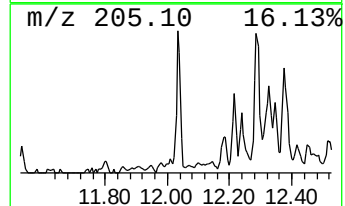
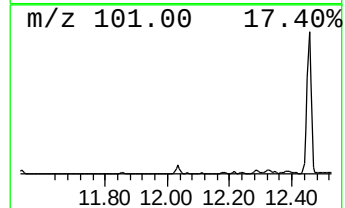
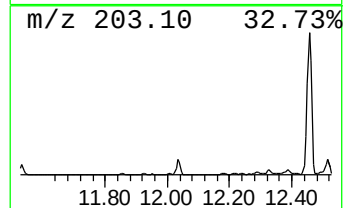
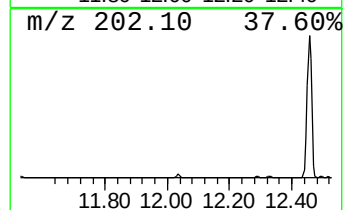
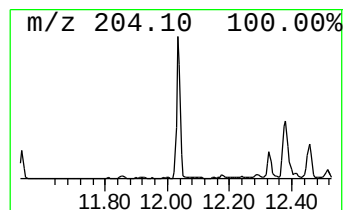
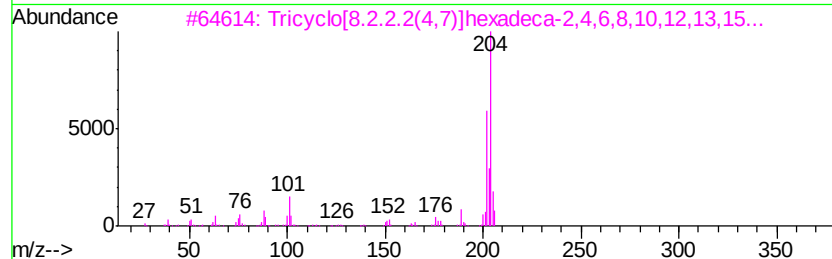
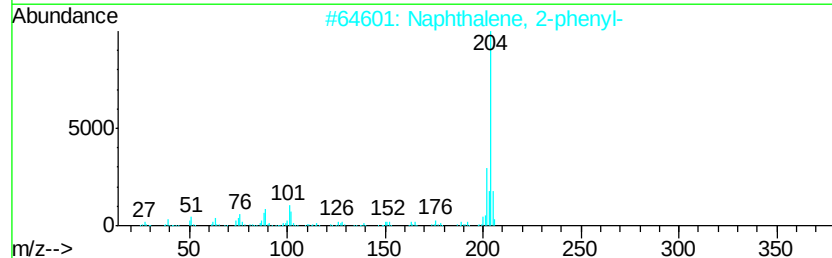
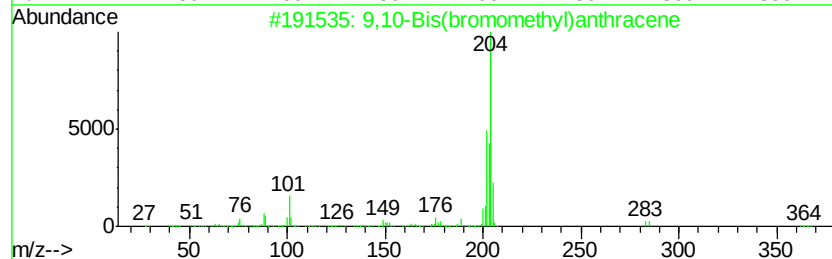
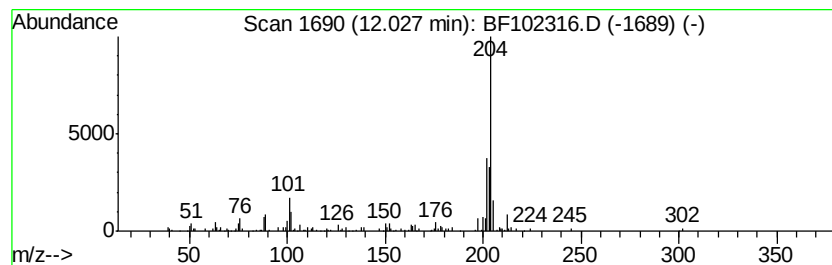
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Bis(bromomethyl)anthra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.96 ng	194083	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012218\
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ClientSampleId :
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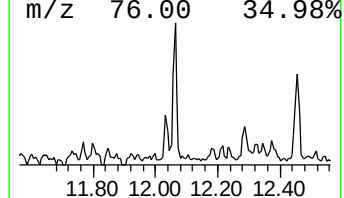
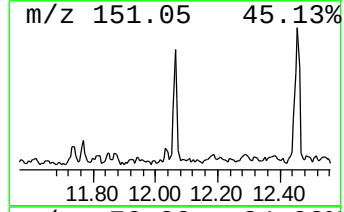
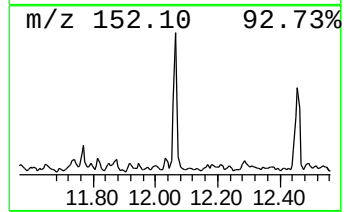
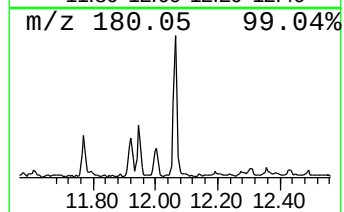
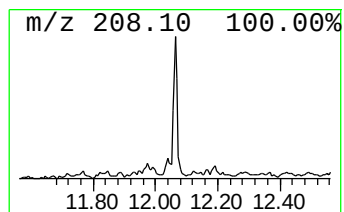
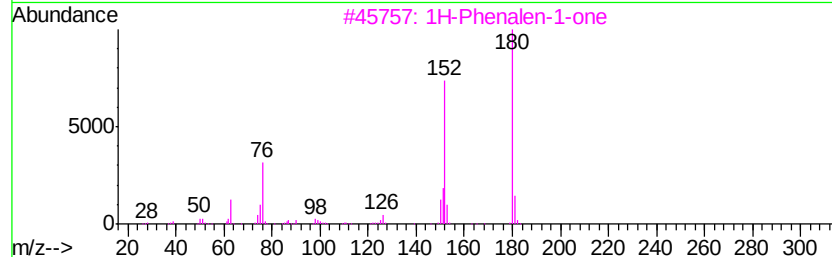
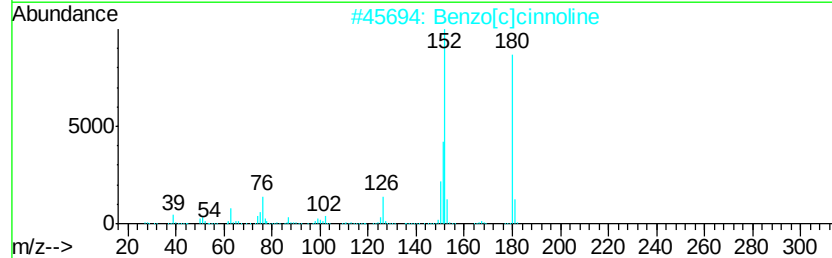
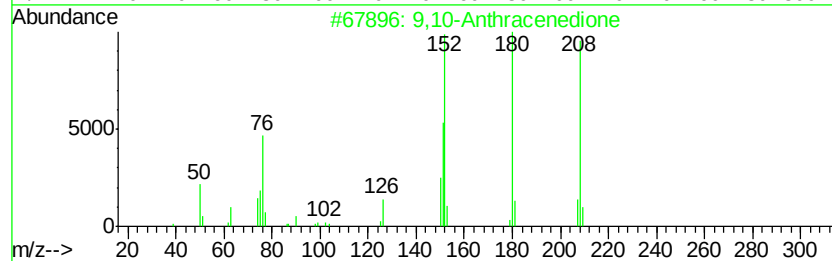
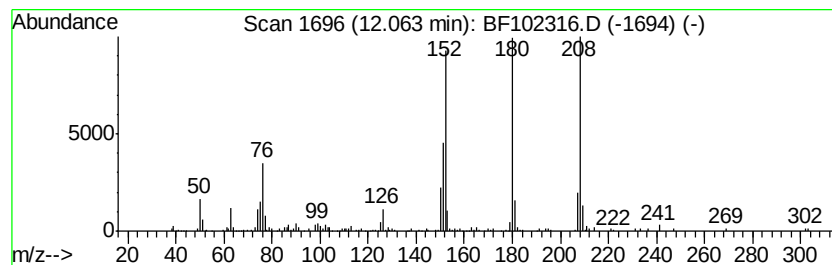
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	3.21 ng	157668	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3			1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
4			9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	41



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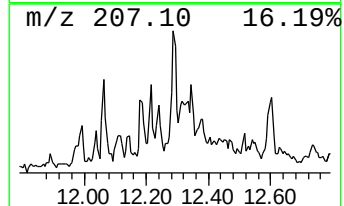
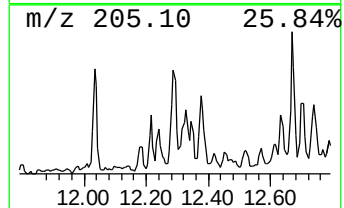
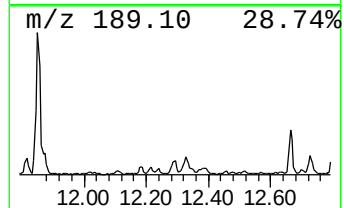
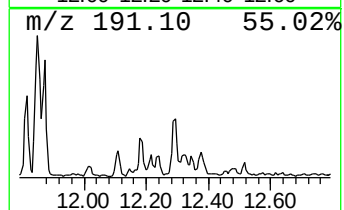
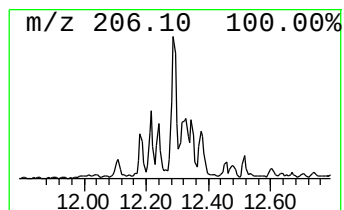
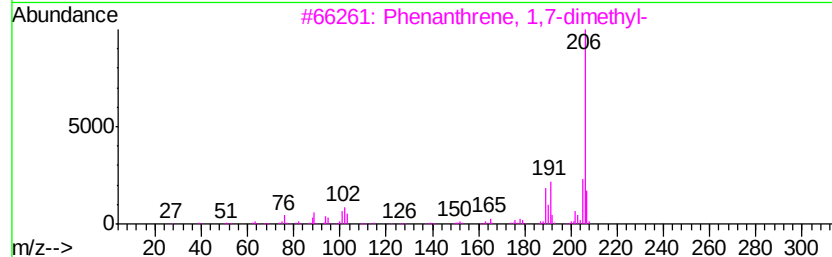
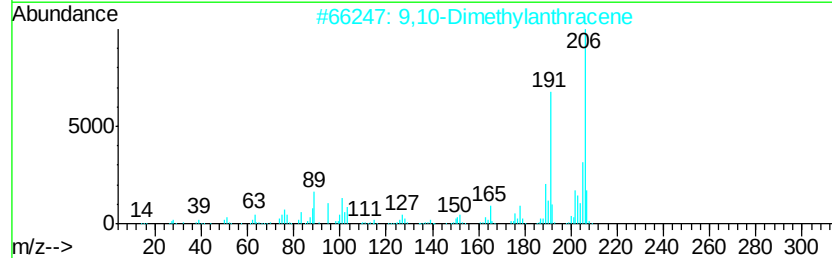
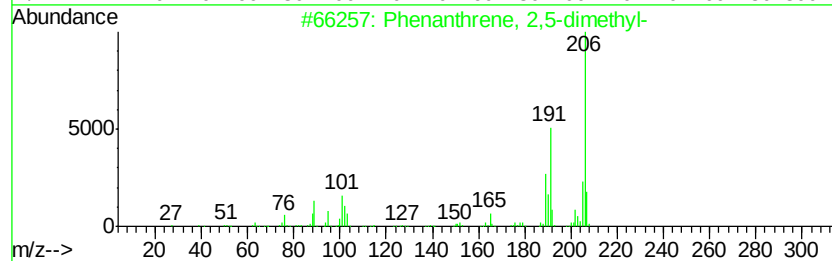
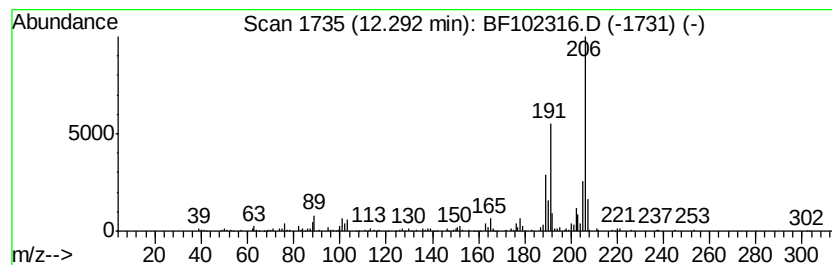
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.60 ng	225893	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90



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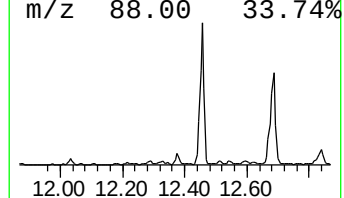
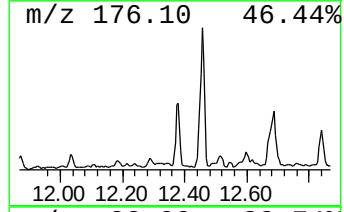
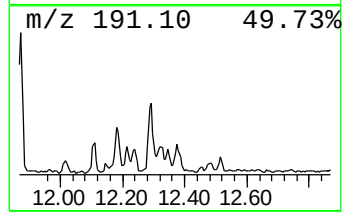
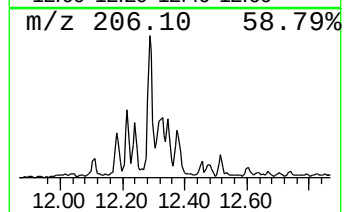
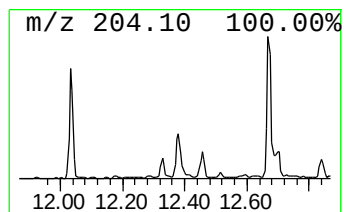
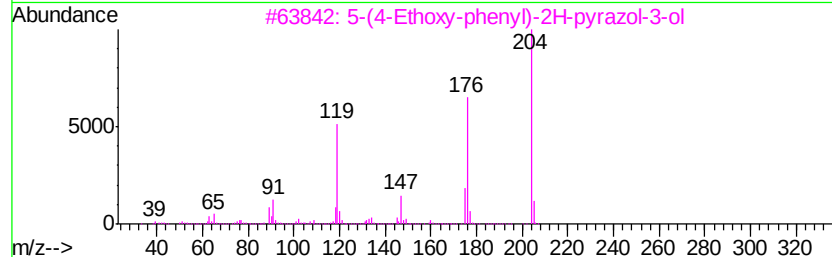
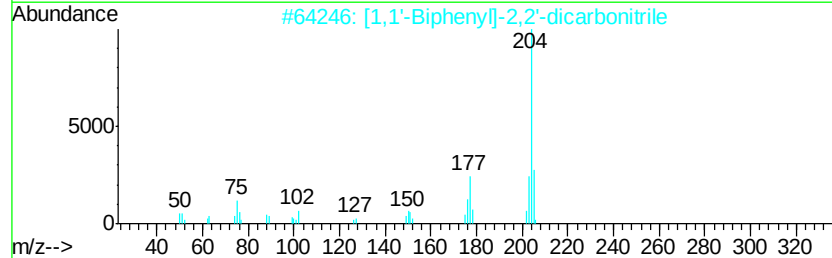
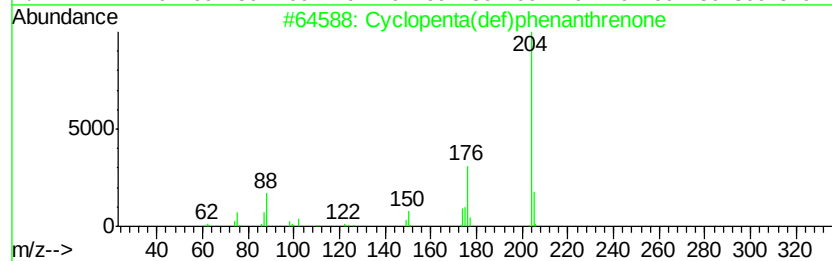
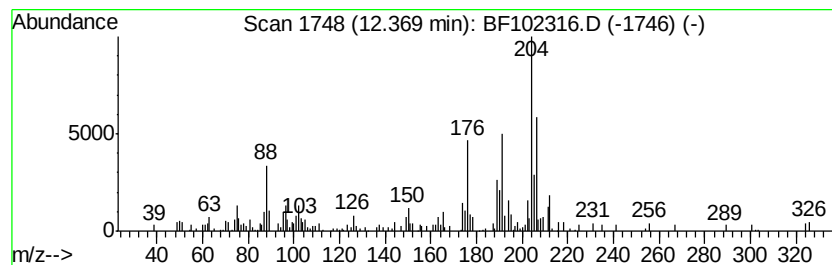
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.88 ng	190583	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
3		5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	43
4		Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	38
5		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38



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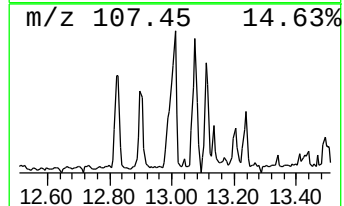
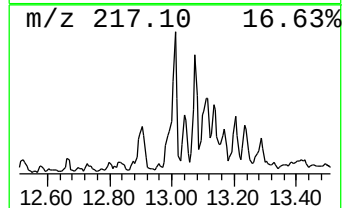
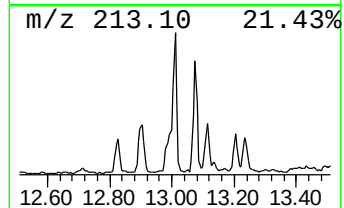
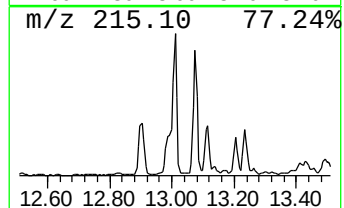
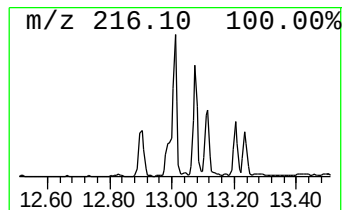
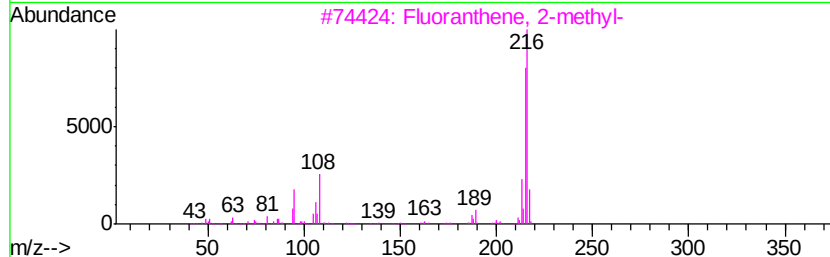
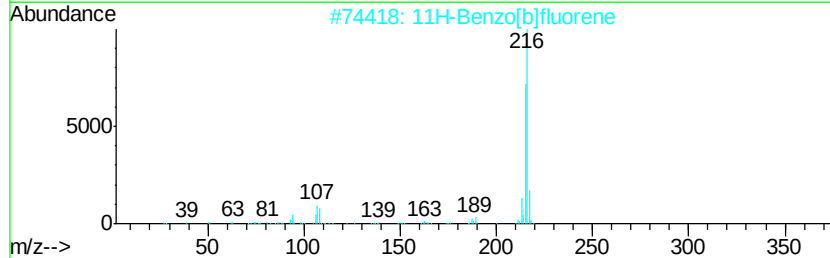
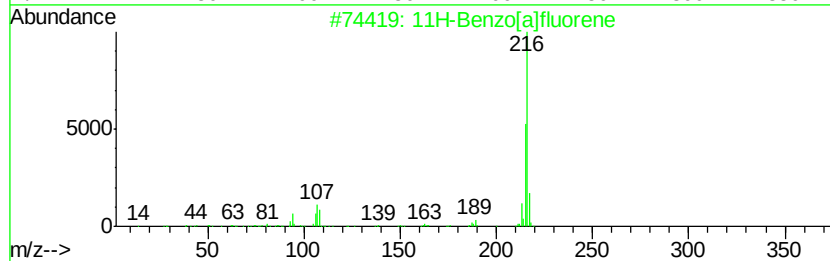
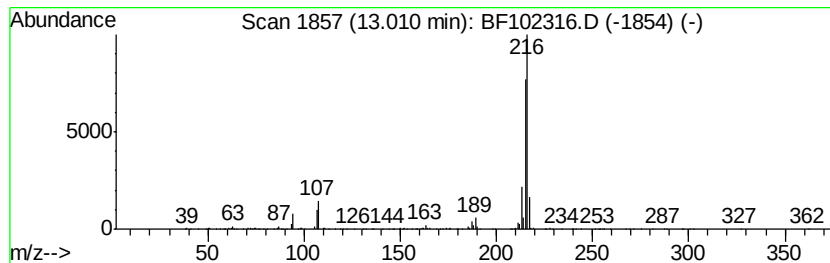
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	3.33 ng	475008	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



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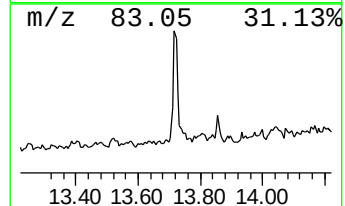
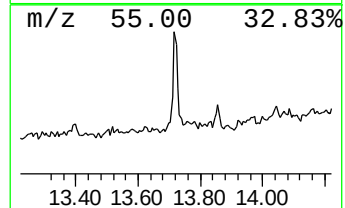
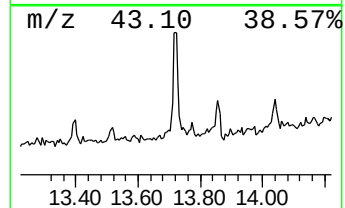
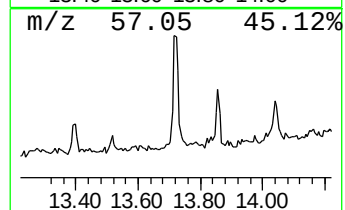
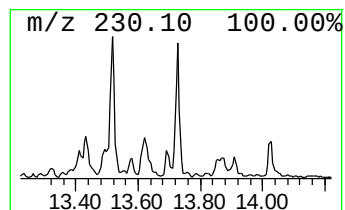
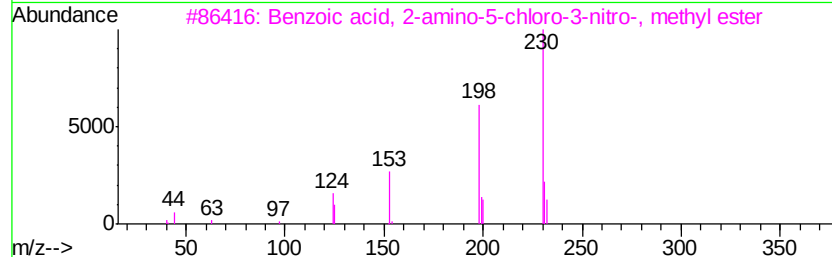
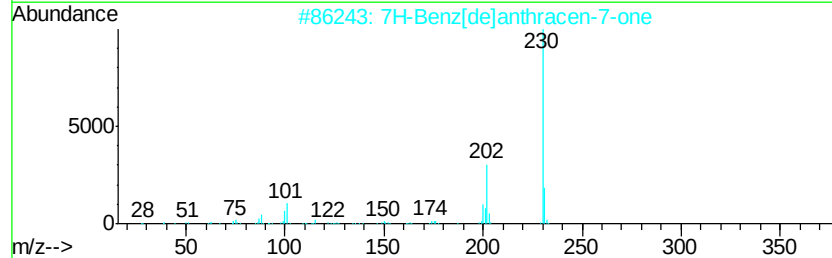
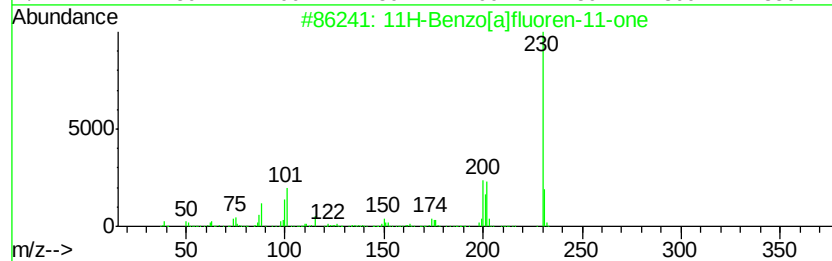
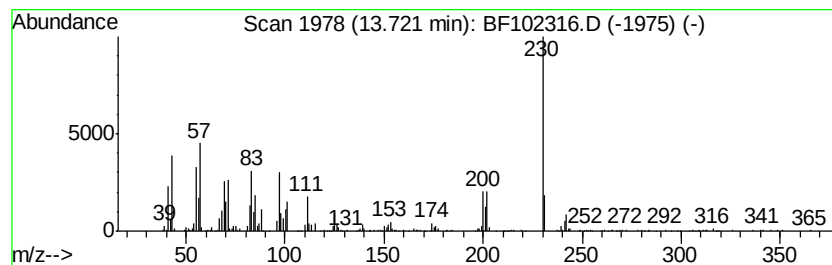
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	3.08 ng	438215	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	74
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
3		Benzoic acid, 2-amino-5-chloro-3...	230	C8H7ClN2O4	084228-49-9	43
4		p-Terphenyl	230	C18H14	000092-94-4	38
5		m-Terphenyl	230	C18H14	000092-06-8	38



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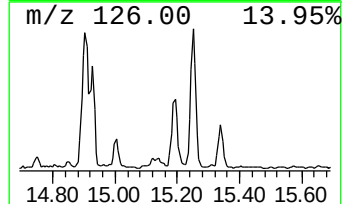
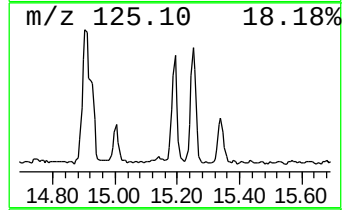
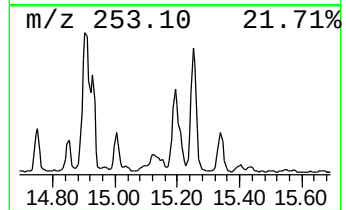
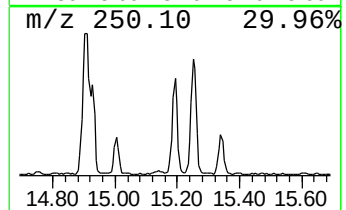
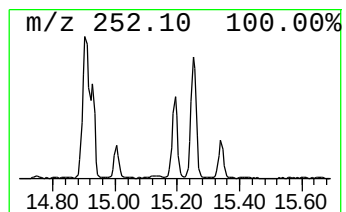
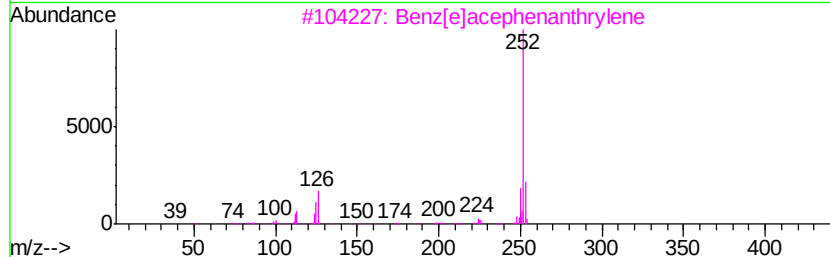
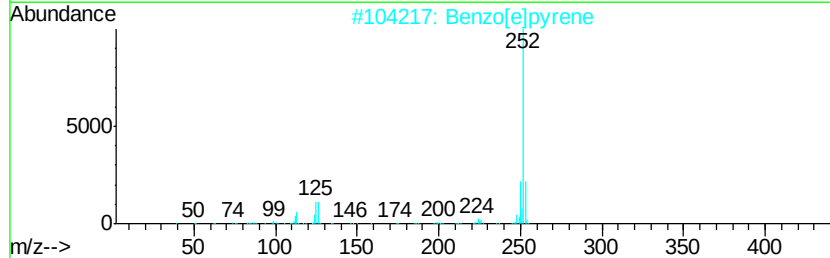
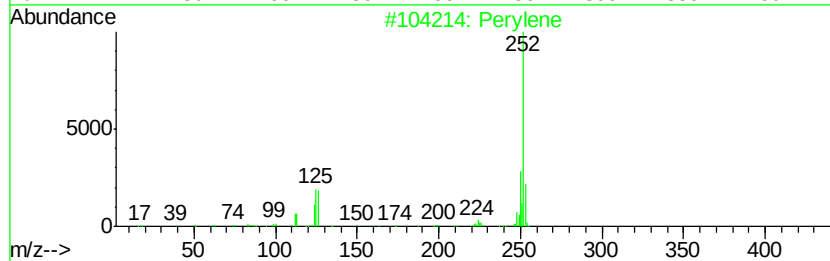
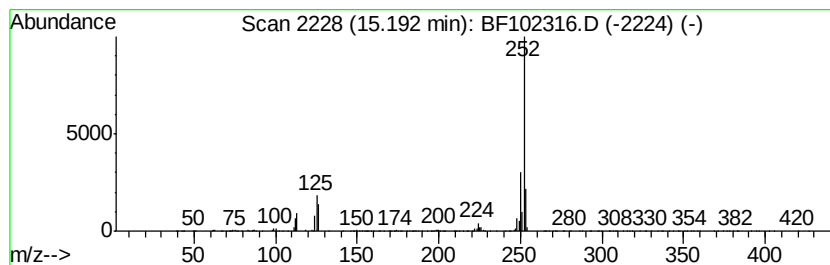
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	24.37 ng	707248	Perylene-d12	15.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	99
2		Benzo[e]pyrene	252	C20H12	000192-97-2	98
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
4		Benzo[a]pyrene	252	C20H12	000050-32-8	96
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012218\
 Data File : BF102316.D
 Acq On : 22 Jan 2018 22:58
 Operator : SJ/JU
 Sample : J1238-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-0-2.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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
2-Pentanone, 4-hy...	4.92	5.6 ng		247026	1	6.72	880036	20.0
unknown6.49	6.49	79.2 ng		3484080	1	6.72	880036	20.0
Tridecane	10.66	4.8 ng		234978	4	11.24	981403	20.0
9H-Fluorene, 2-me...	10.85	3.4 ng		165553	4	11.24	981403	20.0
Anthracene, 1,2,3...	11.10	3.4 ng		164466	4	11.24	981403	20.0
Dibenzothiophene	11.13	4.1 ng		199246	4	11.24	981403	20.0
Anthracene, 2-met...	11.74	7.3 ng		359995	4	11.24	981403	20.0
Phenanthrene, 2-m...	11.77	9.5 ng		467527	4	11.24	981403	20.0
1H-Cyclopropa[l]p...	11.82	4.8 ng		237364	4	11.24	981403	20.0
4H-Cyclopenta[def...	11.85	13.1 ng		643615	4	11.24	981403	20.0
9,10-Bis(bromomet...	12.03	4.0 ng		194083	4	11.24	981403	20.0
9,10-Anthracenedione	12.06	3.2 ng		157668	4	11.24	981403	20.0
Phenanthrene, 2,5...	12.29	4.6 ng		225893	4	11.24	981403	20.0
Cyclopenta(def)ph...	12.37	3.9 ng		190583	4	11.24	981403	20.0
11H-Benzo[a]fluorene	13.01	3.3 ng		475008	5	13.88	2848720	20.0
11H-Benzo[a]fluor...	13.72	3.1 ng		438215	5	13.88	2848720	20.0
Perylene	15.19	24.4 ng		707248	6	15.31	580456	20.0