

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
 Data File : BF108560.D
 Acq On : 28 Aug 2018 17:25
 Operator : JU/SJ
 Sample : J4274-05 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-082718

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-BF080818.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	5.654	558	564	579	rBV2	31345	107251	4.90%	0.357%
2	6.648	729	733	749	rBV2	60681	162829	7.44%	0.542%
3	6.778	752	755	772	rVB	104714	173305	7.92%	0.577%
4	7.001	789	793	807	rBV	550129	632369	28.90%	2.104%
5	7.154	815	819	831	rBV	116185	137477	6.28%	0.457%
6	7.566	885	889	896	rBV	76632	106400	4.86%	0.354%
7	8.283	1007	1011	1022	rBV	923376	880400	40.23%	2.930%
8	8.995	1129	1132	1139	rBV	45964	45716	2.09%	0.152%
9	9.095	1146	1149	1155	rBV	56380	53959	2.47%	0.180%
10	9.354	1189	1193	1198	rBV	253132	217636	9.94%	0.724%
11	9.625	1234	1239	1243	rBV	42025	62481	2.85%	0.208%
12	9.695	1248	1251	1254	rBV	74876	71526	3.27%	0.238%
13	9.725	1254	1256	1258	rVV	40818	35924	1.64%	0.120%
14	9.742	1258	1259	1267	rVB2	29212	38034	1.74%	0.127%
15	9.819	1267	1272	1273	rBV	37565	36938	1.69%	0.123%
16	9.907	1281	1287	1291	rBV	95897	98536	4.50%	0.328%
17	10.042	1307	1310	1314	rBV	998516	912779	41.71%	3.037%
18	10.077	1314	1316	1319	rVB	189292	141249	6.45%	0.470%
19	10.248	1340	1345	1348	rBV2	108127	114840	5.25%	0.382%
20	10.283	1348	1351	1354	rVB	38054	36872	1.68%	0.123%
21	10.354	1359	1363	1366	rBV	43564	46601	2.13%	0.155%
22	10.448	1374	1379	1381	rBV	72401	68276	3.12%	0.227%
23	10.595	1400	1404	1410	rVB	245285	233909	10.69%	0.778%
24	10.660	1413	1415	1421	rVB4	29494	51276	2.34%	0.171%
25	10.748	1428	1430	1434	rVB	59988	50019	2.29%	0.166%
26	10.836	1441	1445	1451	rBV2	147378	176388	8.06%	0.587%
27	10.924	1457	1460	1464	rBV2	50308	71266	3.26%	0.237%
28	11.142	1490	1497	1500	rBV	75054	101208	4.62%	0.337%
29	11.172	1500	1502	1505	rVV2	45077	42843	1.96%	0.143%
30	11.224	1505	1511	1513	rVV5	31120	47387	2.17%	0.158%
31	11.266	1513	1518	1521	rVV4	37372	61650	2.82%	0.205%
32	11.289	1521	1522	1527	rVV2	37444	42323	1.93%	0.141%
33	11.348	1528	1532	1534	rVV	65620	71646	3.27%	0.238%
34	11.377	1534	1537	1540	rVV2	61799	77082	3.52%	0.256%

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 HD-01-082718

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-BF080818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.436	1544	1547	1551	rVB	110326	96723	4.42%	0.322%
36	11.542	1561	1565	1567	rBV	972438	899291	41.09%	2.992%
37	11.566	1567	1569	1573	rVV	1712450	1417148	64.75%	4.716%
38	11.619	1574	1578	1581	rVV	467857	420434	19.21%	1.399%
39	11.648	1581	1583	1588	rVB	38156	45022	2.06%	0.150%
40	11.777	1599	1605	1607	rBV2	93354	107546	4.91%	0.358%
41	11.801	1607	1609	1612	rVV	53704	45117	2.06%	0.150%
42	11.830	1612	1614	1618	rVV	53429	51477	2.35%	0.171%
43	11.871	1618	1621	1624	rVV2	54606	55828	2.55%	0.186%
44	11.907	1624	1627	1630	rVV	619369	477124	21.80%	1.588%
45	12.042	1646	1650	1652	rBV	265987	237461	10.85%	0.790%
46	12.071	1652	1655	1658	rVB	329652	272164	12.44%	0.906%
47	12.119	1658	1663	1666	rBV	121322	109645	5.01%	0.365%
48	12.160	1666	1670	1672	rVV2	407125	437595	20.00%	1.456%
49	12.213	1676	1679	1683	rVB2	23534	34559	1.58%	0.115%
50	12.336	1697	1700	1703	rBV	170301	141183	6.45%	0.470%
51	12.371	1703	1706	1710	rVB	105383	99637	4.55%	0.332%
52	12.489	1721	1726	1729	rBV3	55388	63163	2.89%	0.210%
53	12.519	1729	1731	1733	rVV	58129	43415	1.98%	0.144%
54	12.542	1733	1735	1738	rVB	52292	40752	1.86%	0.136%
55	12.595	1740	1744	1746	rBV2	1812938	1699588	77.66%	5.656%
56	12.618	1746	1748	1756	rVB3	1270191	1207639	55.18%	4.019%
57	12.701	1756	1762	1768	rVB3	271820	342335	15.64%	1.139%
58	12.766	1769	1773	1777	rBV	2360484	2188487	100.00%	7.282%
59	12.824	1781	1783	1786	rVB	65595	55601	2.54%	0.185%
60	12.860	1786	1789	1791	rBV	40962	38984	1.78%	0.130%
61	12.889	1791	1794	1796	rBV4	26018	35950	1.64%	0.120%
62	12.918	1796	1799	1801	rVV	70159	68564	3.13%	0.228%
63	12.977	1805	1809	1810	rBV2	374123	392604	17.94%	1.306%
64	13.001	1810	1813	1817	rVB	1968766	1829993	83.62%	6.089%
65	13.042	1817	1820	1824	rVB	105552	107313	4.90%	0.357%
66	13.124	1824	1834	1836	rBV2	246928	333464	15.24%	1.110%
67	13.154	1836	1839	1844	rVB	78312	90448	4.13%	0.301%
68	13.207	1844	1848	1853	rBV3	139478	244600	11.18%	0.814%
69	13.295	1860	1863	1864	rBV2	117267	117951	5.39%	0.392%
70	13.318	1865	1867	1871	rVB	270277	248043	11.33%	0.825%
71	13.389	1876	1879	1881	rBV	193583	172975	7.90%	0.576%

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ClientSampleId :
HD-01-082718

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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72	13.424	1881	1885	1888	rVV2	194903	223511	10.21%	0.744%
73	13.518	1898	1901	1904	rBV	110538	103886	4.75%	0.346%
74	13.554	1904	1907	1909	rVV	111086	104419	4.77%	0.347%
75	13.742	1937	1939	1942	rVB3	37031	32652	1.49%	0.109%
76	13.830	1952	1954	1959	rVV	162312	149923	6.85%	0.499%
77	13.942	1969	1973	1976	rBV2	186502	229958	10.51%	0.765%
78	13.971	1976	1978	1980	rVV	179477	154404	7.06%	0.514%
79	14.001	1980	1983	1987	rVV2	177186	245609	11.22%	0.817%
80	14.042	1987	1990	1993	rVB	186261	172527	7.88%	0.574%
81	14.113	1997	2002	2007	rBV	59279	125197	5.72%	0.417%
82	14.195	2009	2016	2019	rVV2	1296213	2085423	95.29%	6.939%
83	14.224	2019	2021	2028	rVB	1025721	914655	41.79%	3.044%
84	14.307	2032	2035	2039	rBV	203036	201409	9.20%	0.670%
85	14.348	2039	2042	2048	rVV5	95103	141271	6.46%	0.470%
86	14.395	2048	2050	2052	rVV	62397	64419	2.94%	0.214%
87	14.430	2054	2056	2058	rVV	93406	80286	3.67%	0.267%
88	14.454	2058	2060	2062	rVB3	49453	40905	1.87%	0.136%
89	14.548	2073	2076	2078	rBV	80866	100213	4.58%	0.333%
90	14.583	2079	2082	2086	rVV	240680	295456	13.50%	0.983%
91	14.618	2086	2088	2092	rVB	109969	116122	5.31%	0.386%
92	14.718	2102	2105	2106	rBV2	98464	85617	3.91%	0.285%
93	15.295	2198	2203	2206	rBV	761351	1325888	60.58%	4.412%
94	15.407	2219	2222	2226	rVB	156727	172121	7.86%	0.573%
95	15.624	2254	2259	2265	rVB	439456	615489	28.12%	2.048%
96	15.695	2266	2271	2274	rVV	644731	865569	39.55%	2.880%
97	15.759	2278	2282	2285	rVV	486833	682323	31.18%	2.270%
98	15.795	2285	2288	2294	rVB	213914	301042	13.76%	1.002%
99	17.377	2551	2557	2566	rVB2	254557	556220	25.42%	1.851%
100	17.871	2635	2641	2649	rBV	173980	387047	17.69%	1.288%

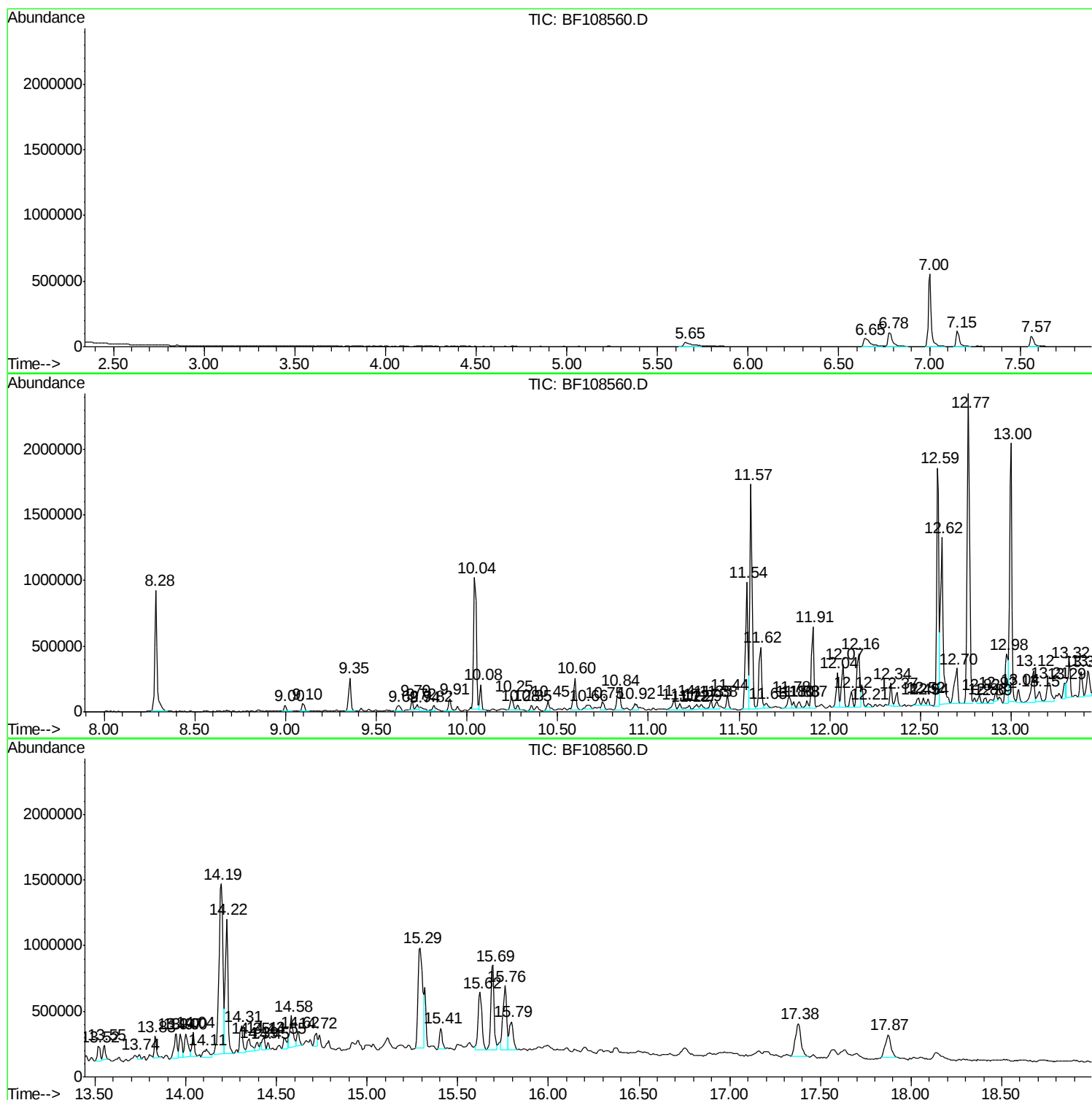
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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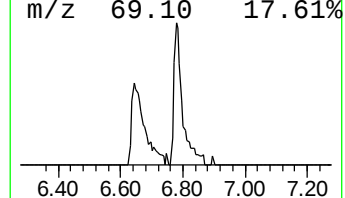
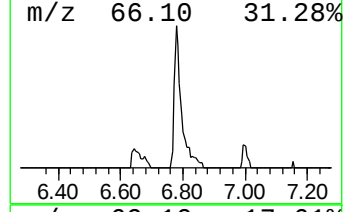
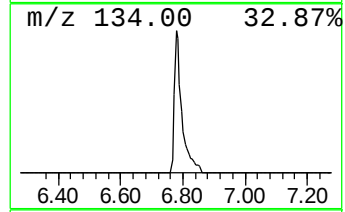
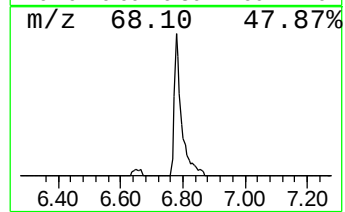
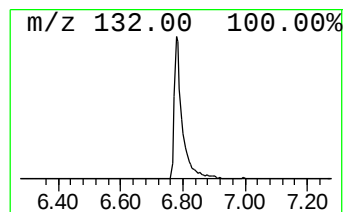
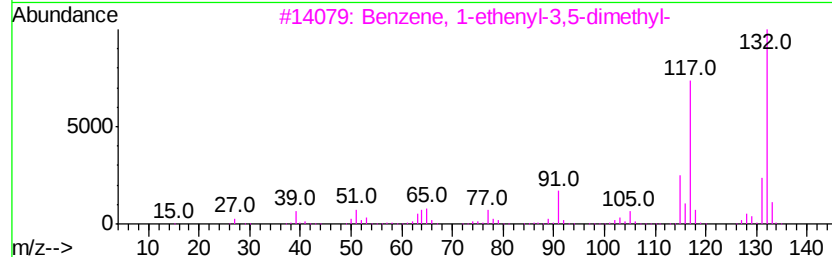
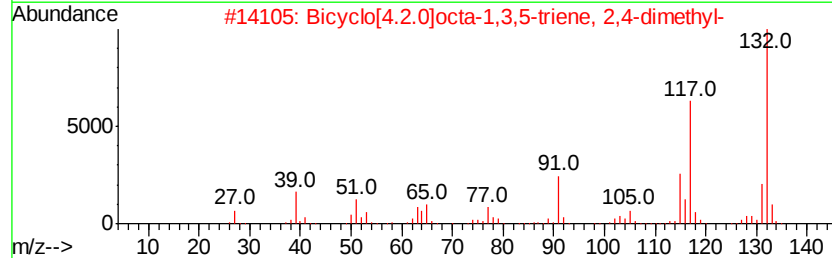
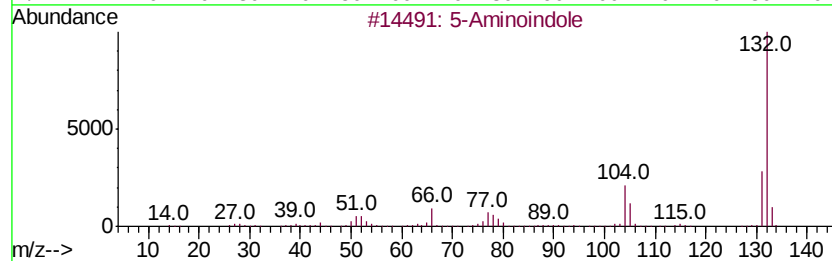
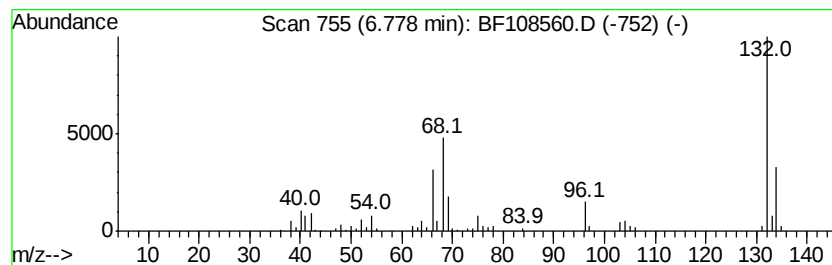
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.78 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	5.48 ng	173305	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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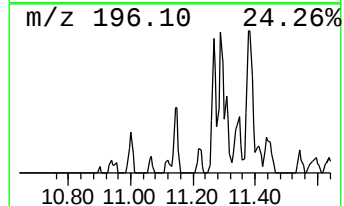
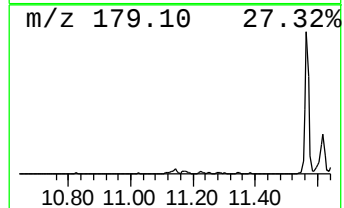
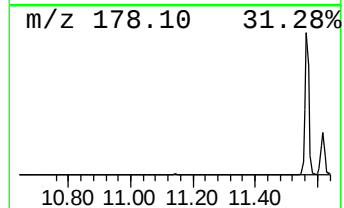
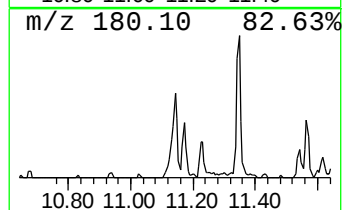
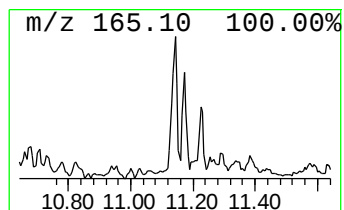
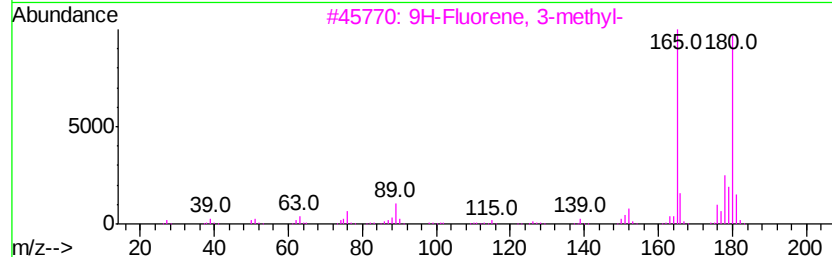
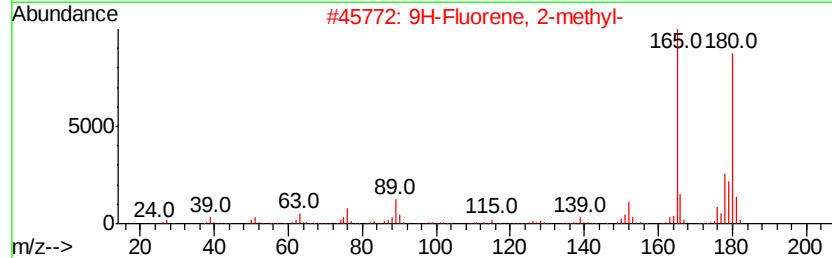
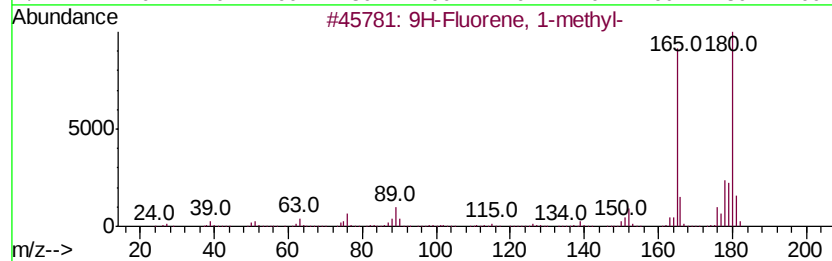
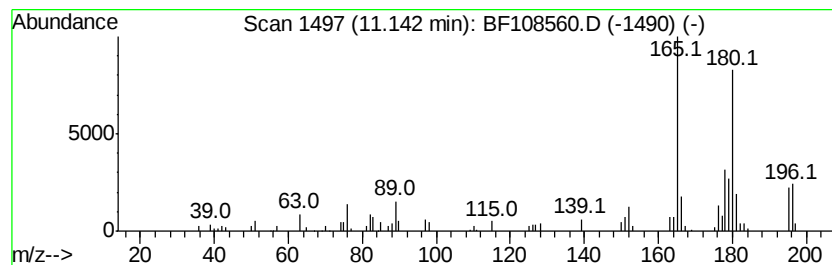
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	2.25 ng	101208	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86



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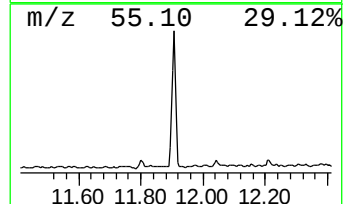
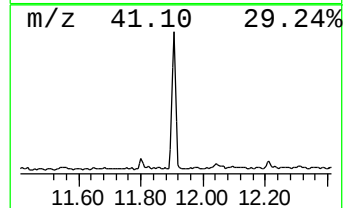
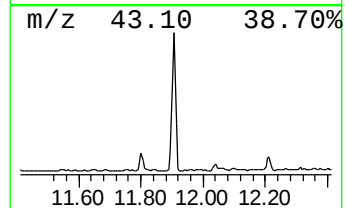
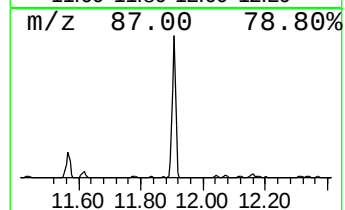
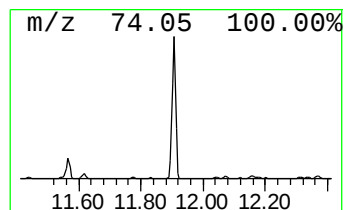
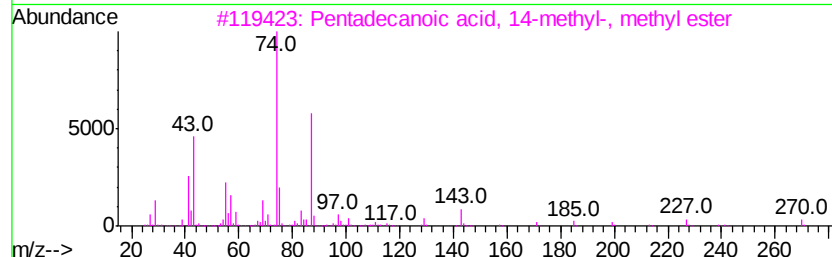
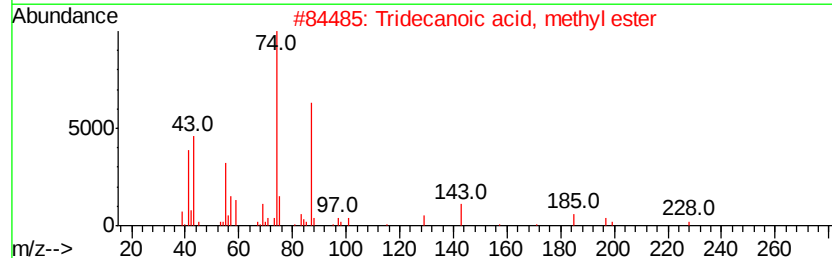
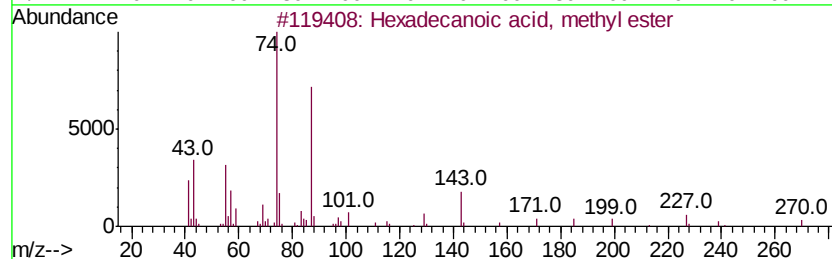
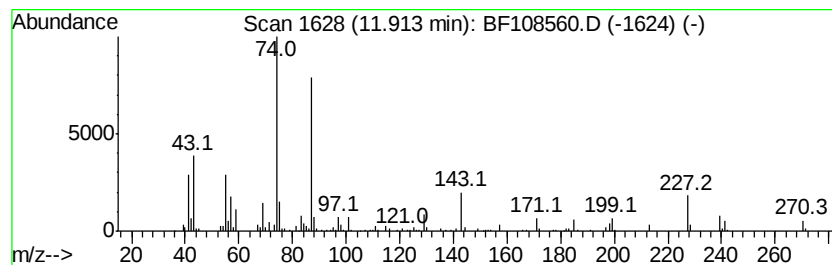
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	10.61 ng	477124	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108560.D
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Operator : JU/SJ
Sample : J4274-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

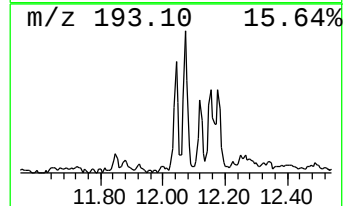
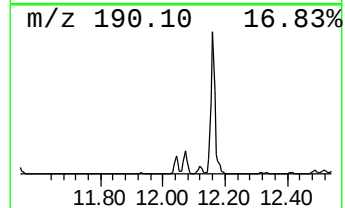
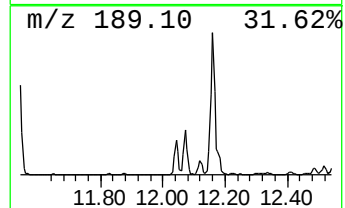
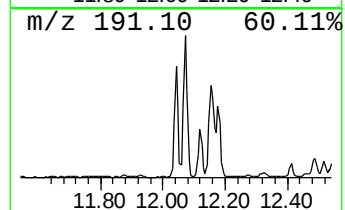
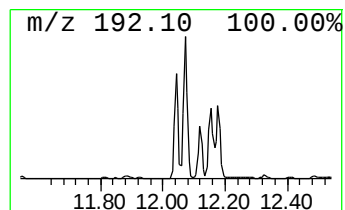
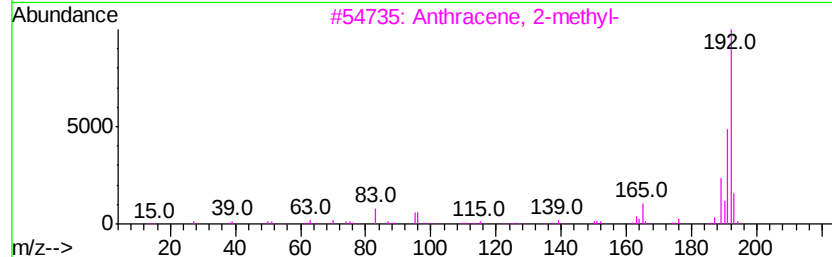
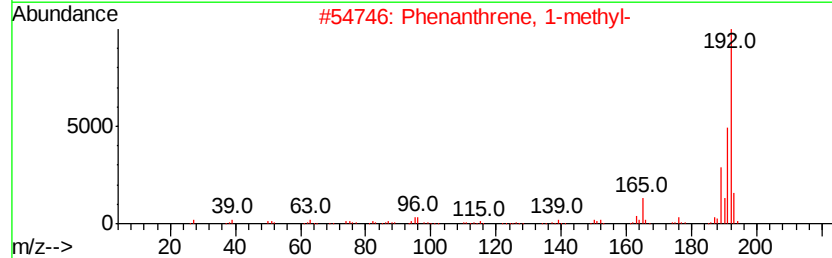
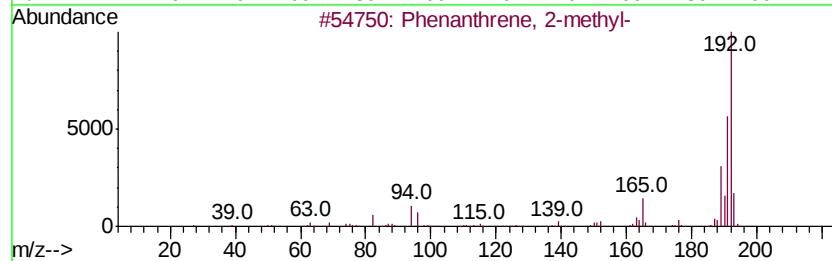
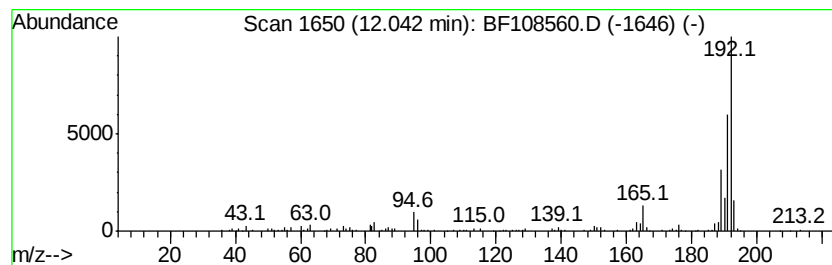
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.04	5.28 ng	237461	Phenanthrene-d10	11.54	
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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108560.D
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ClientSampleId :
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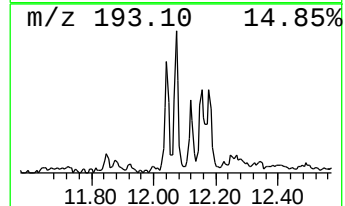
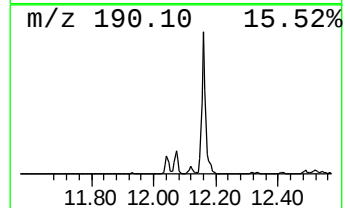
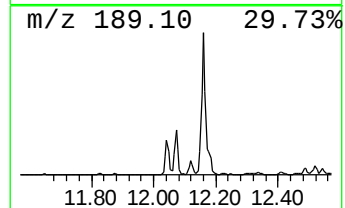
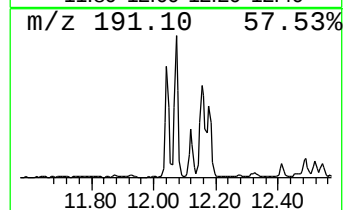
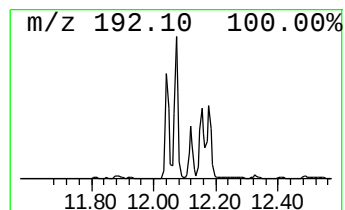
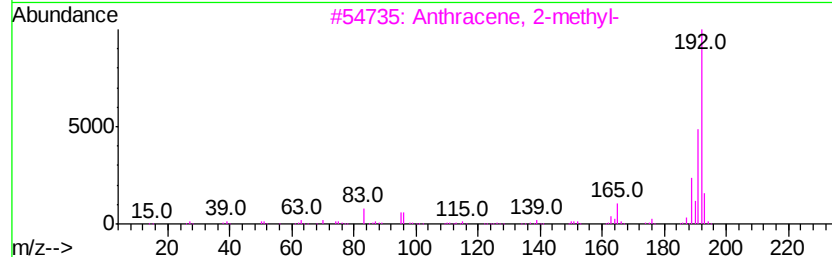
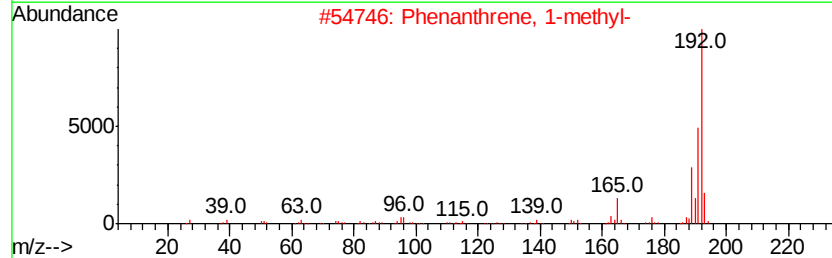
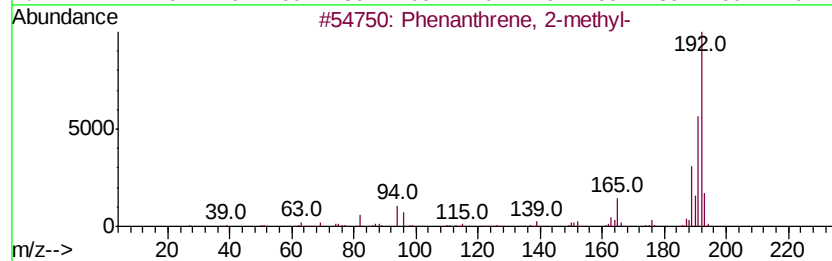
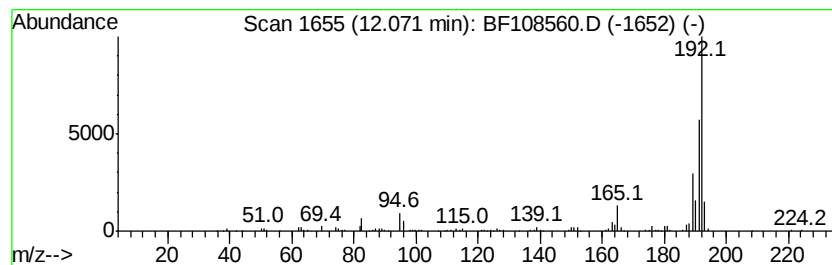
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	6.05 ng	272164	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108560.D
Acq On : 28 Aug 2018 17:25
Operator : JU/SJ
Sample : J4274-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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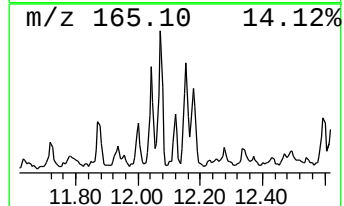
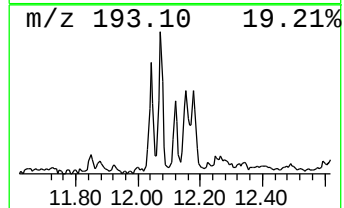
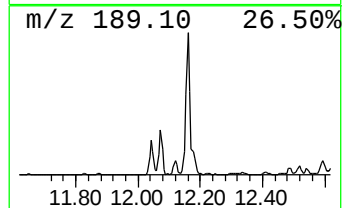
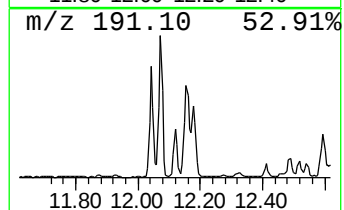
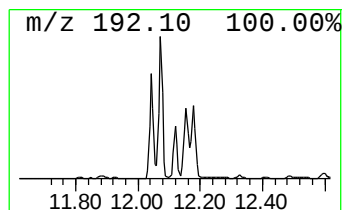
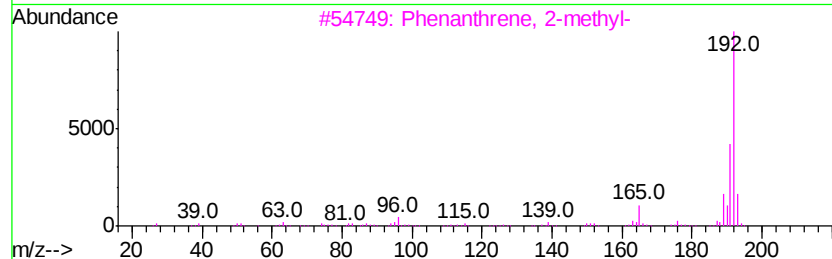
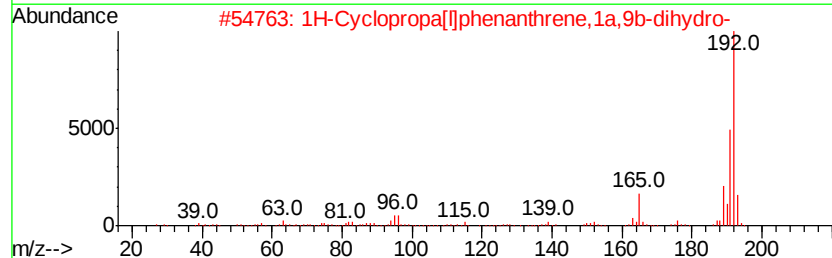
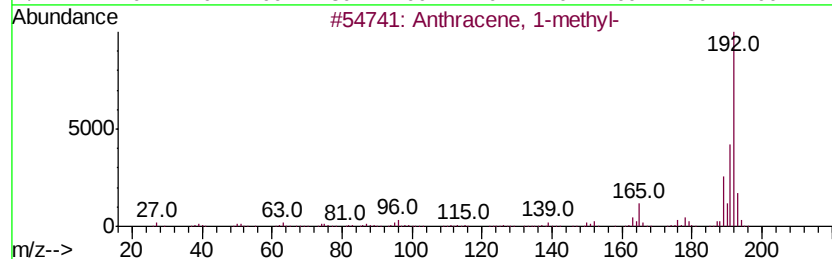
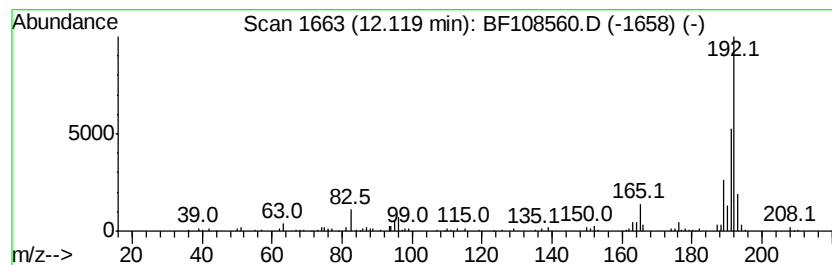
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.44 ng	109645	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
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Sample : J4274-05 10X
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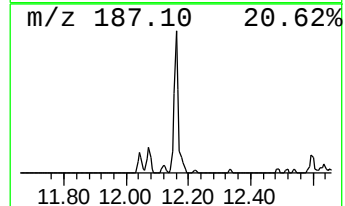
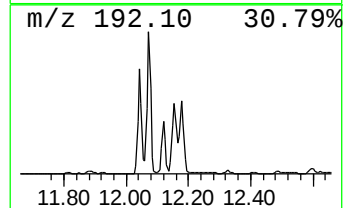
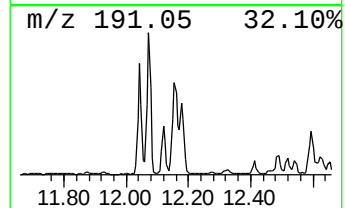
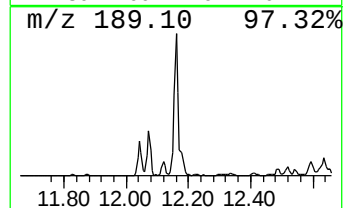
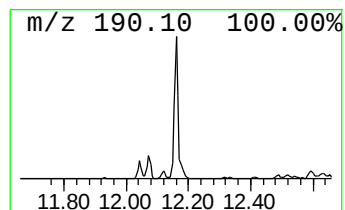
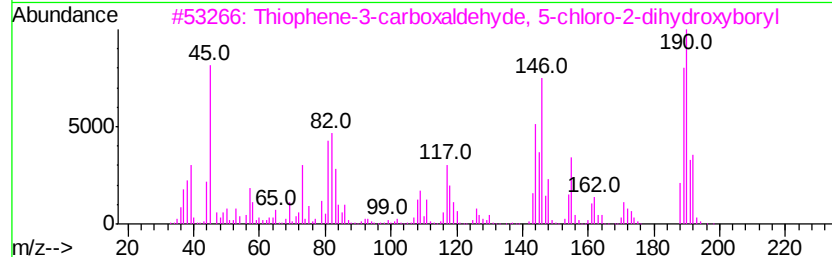
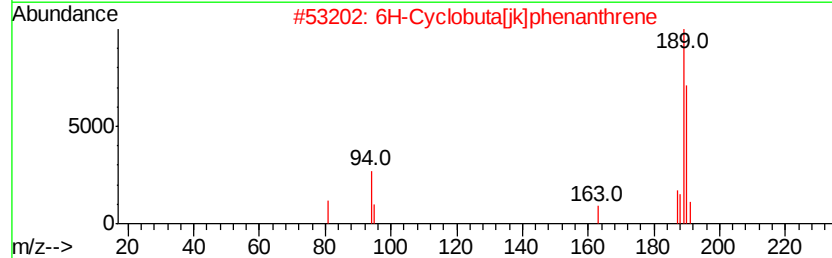
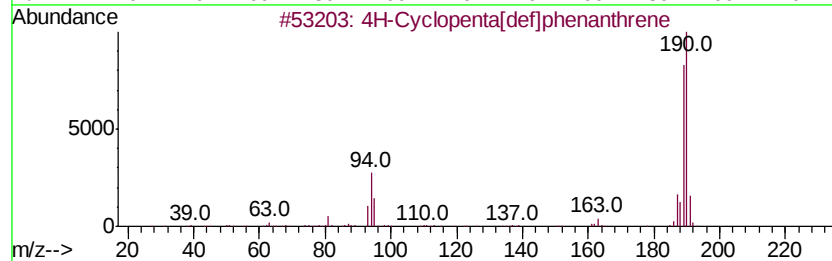
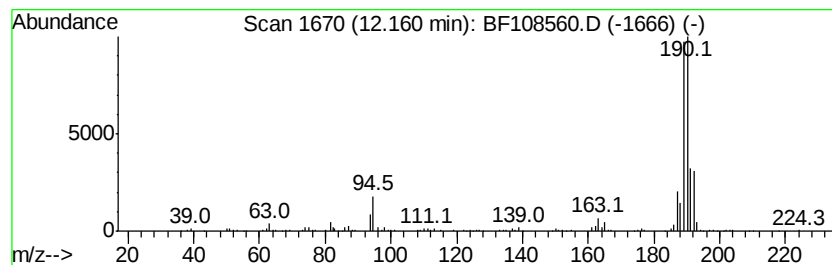
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.16	9.73 ng	437595	Phenanthrene-d10	11.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
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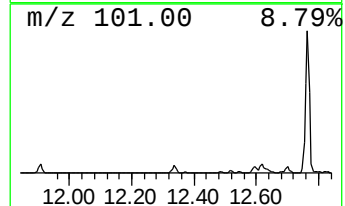
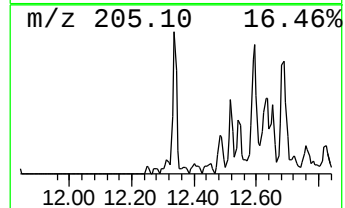
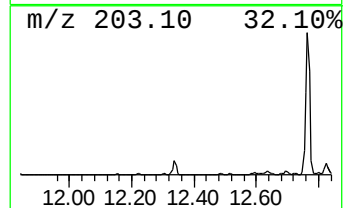
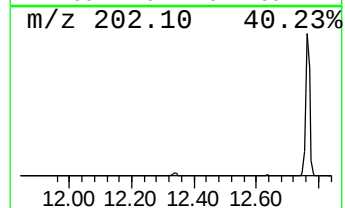
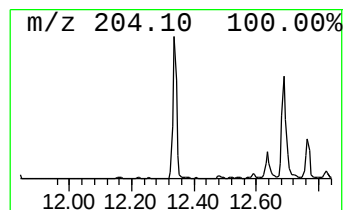
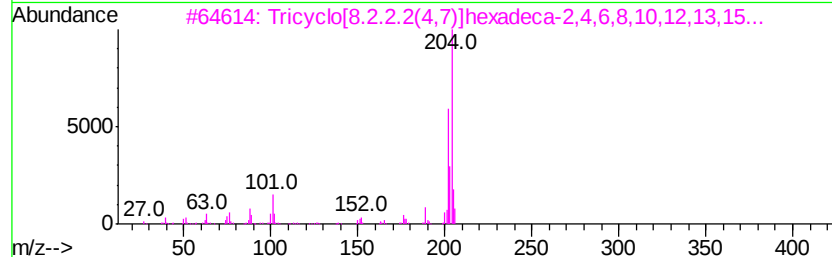
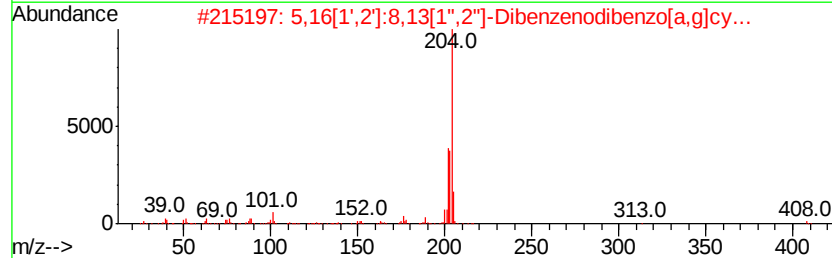
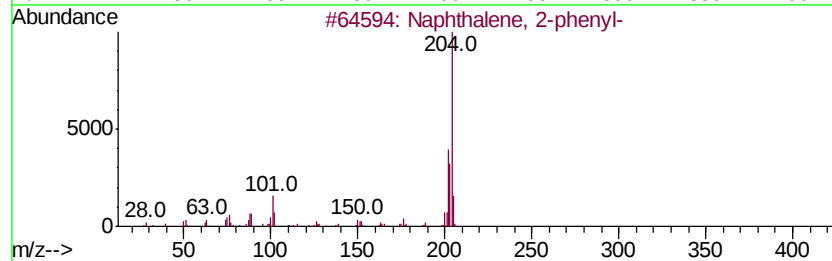
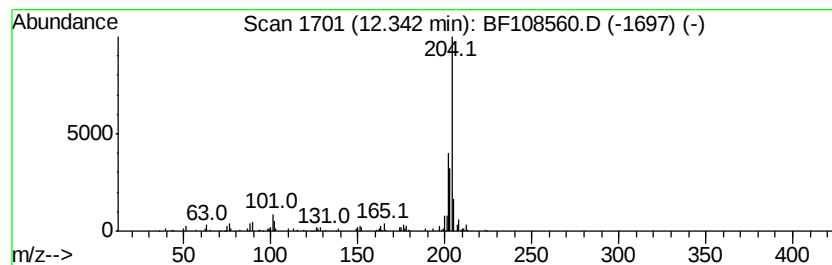
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.34	3.14 ng	141183	Phenanthrene-d10	11.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
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	55
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
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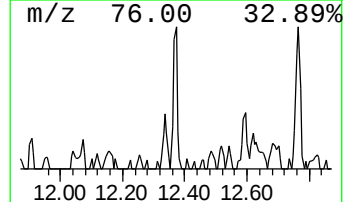
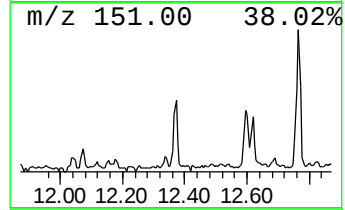
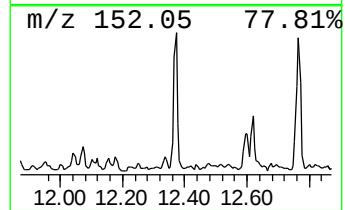
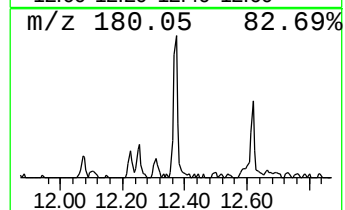
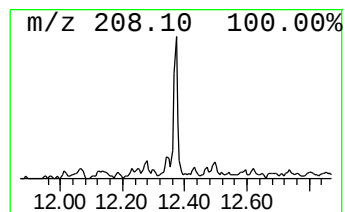
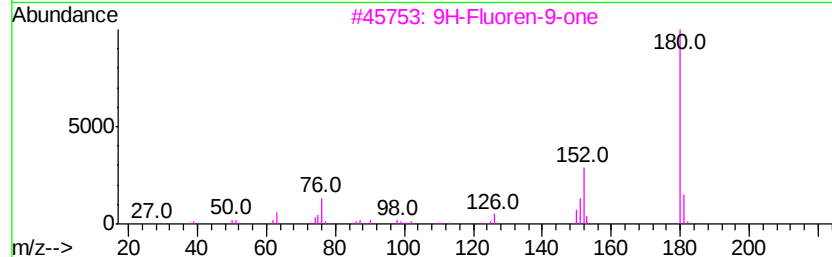
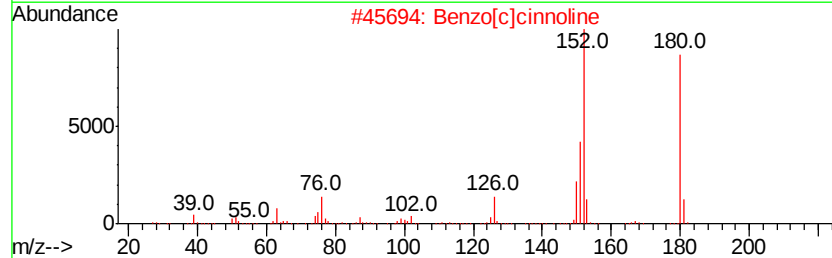
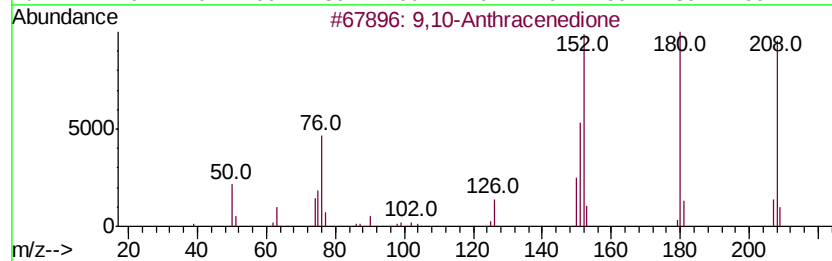
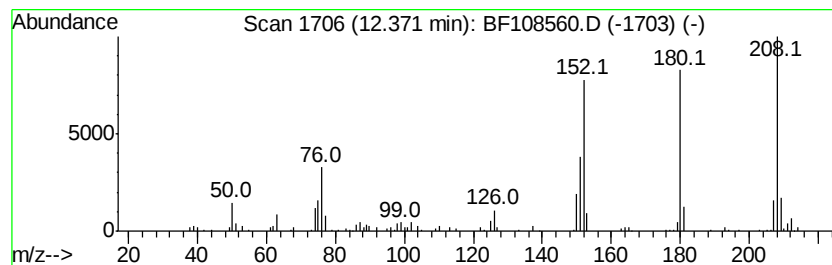
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.22 ng	99637	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
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ClientSampleId :
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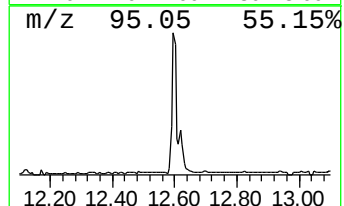
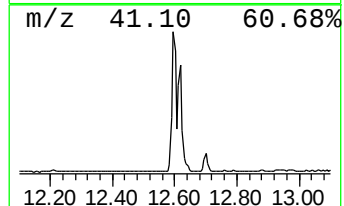
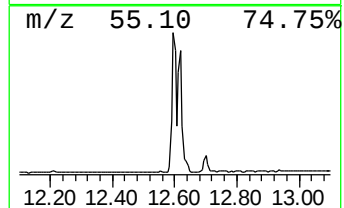
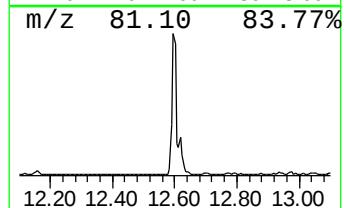
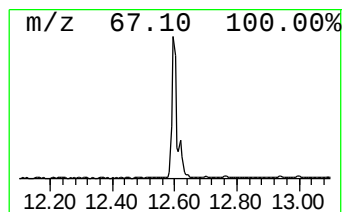
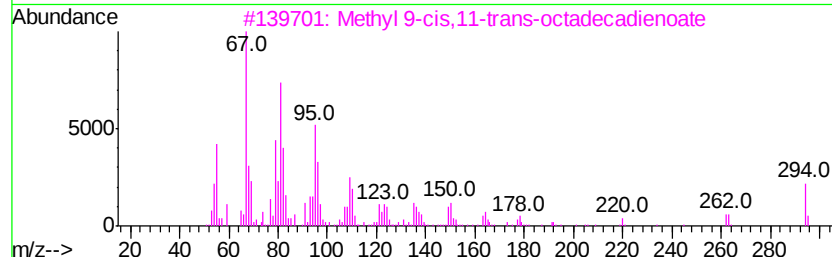
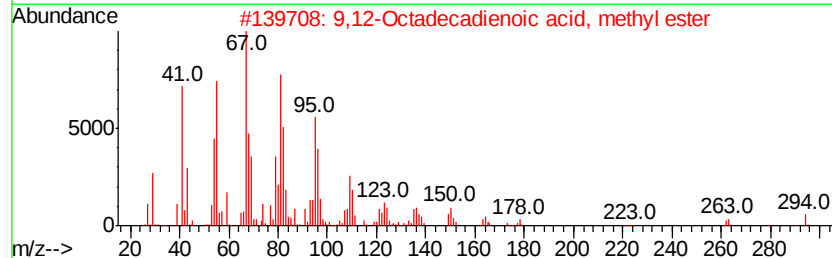
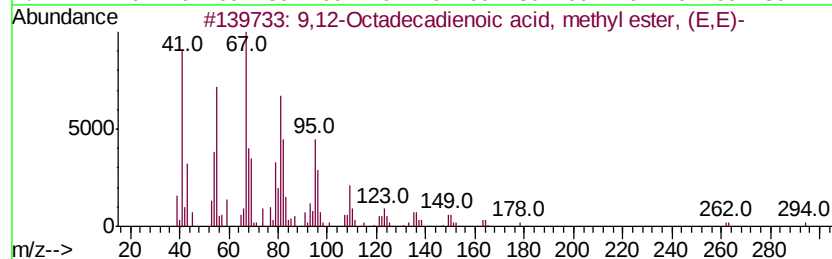
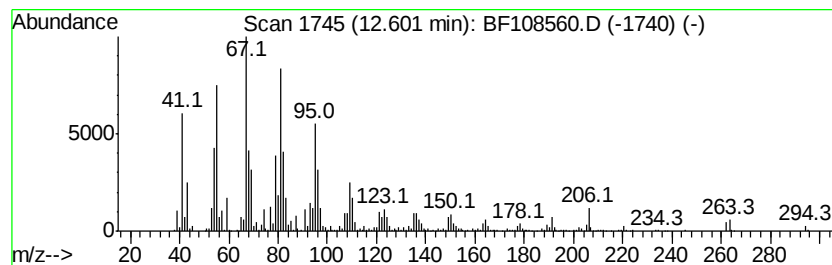
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	37.80 ng	1699590	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
4		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108560.D
Acq On : 28 Aug 2018 17:25
Operator : JU/SJ
Sample : J4274-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-082718

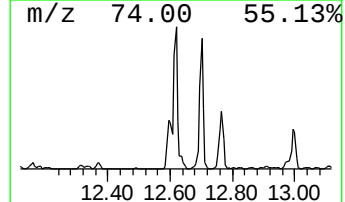
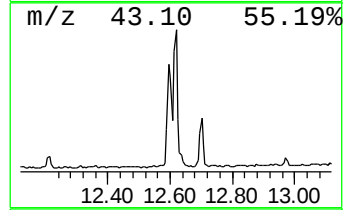
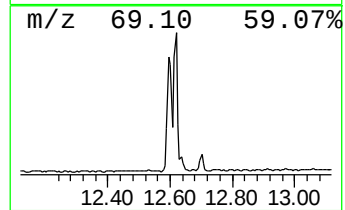
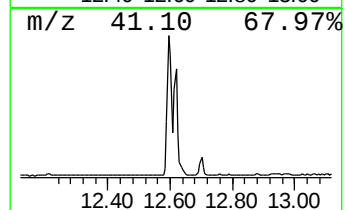
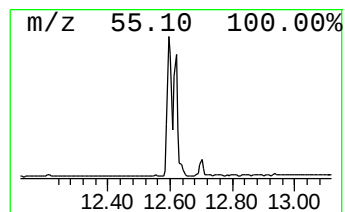
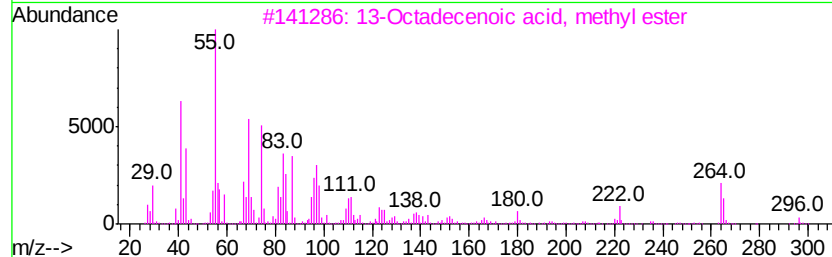
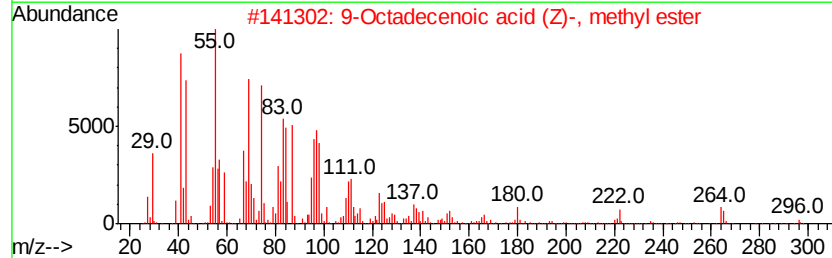
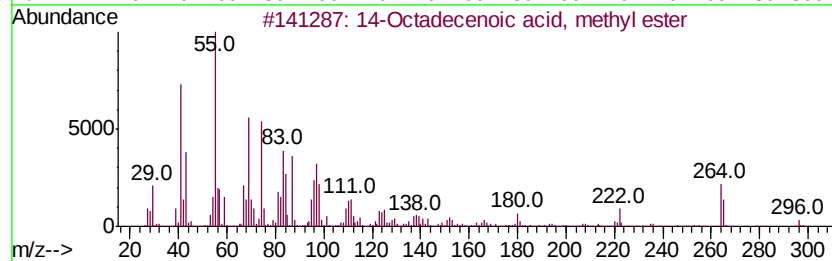
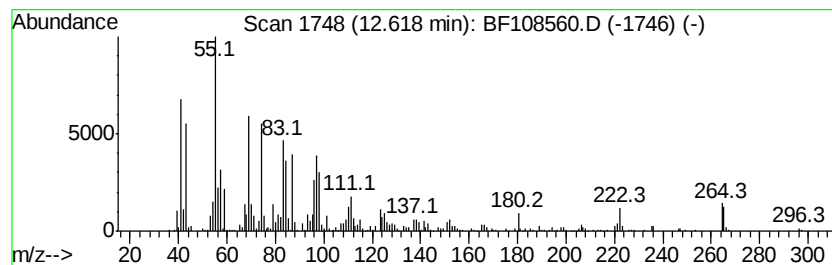
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 14-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	26.86 ng	1207640	Phenanthrene-d10	11.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	95
2			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
3			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	94
4			12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
5			11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108560.D
Acq On : 28 Aug 2018 17:25
Operator : JU/SJ
Sample : J4274-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

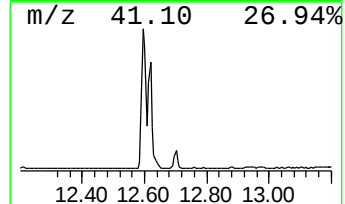
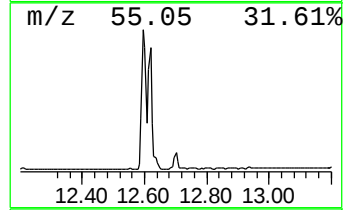
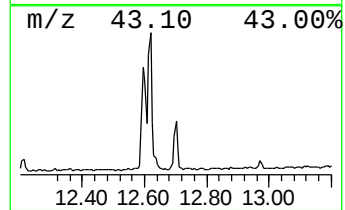
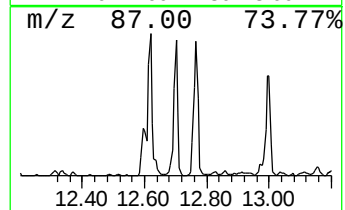
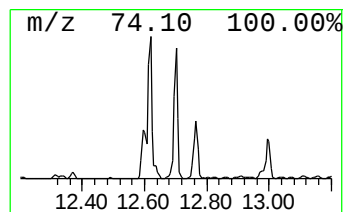
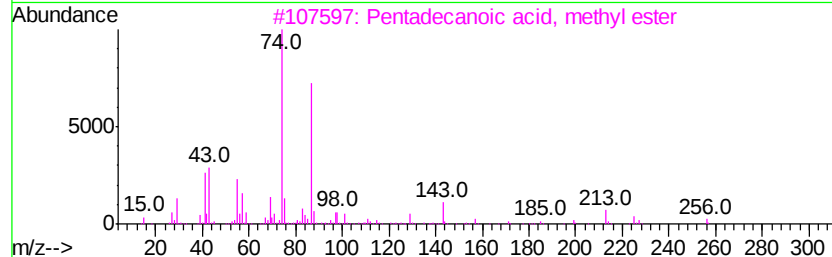
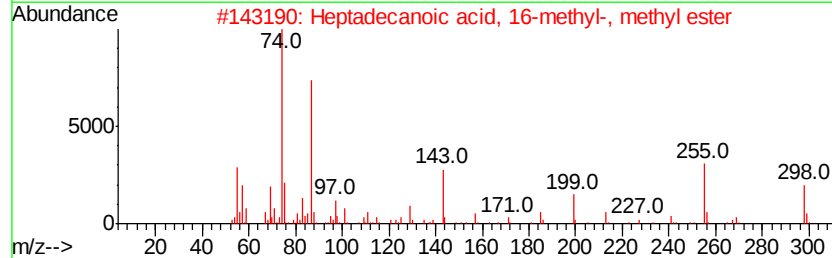
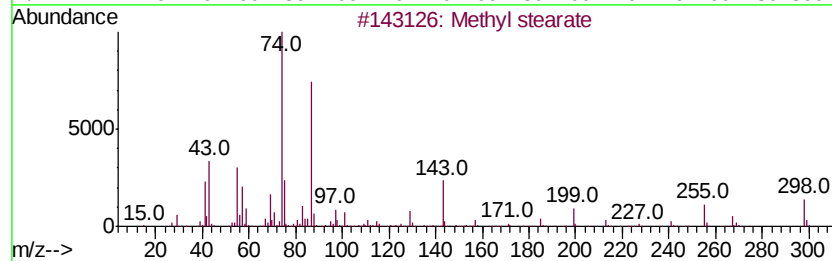
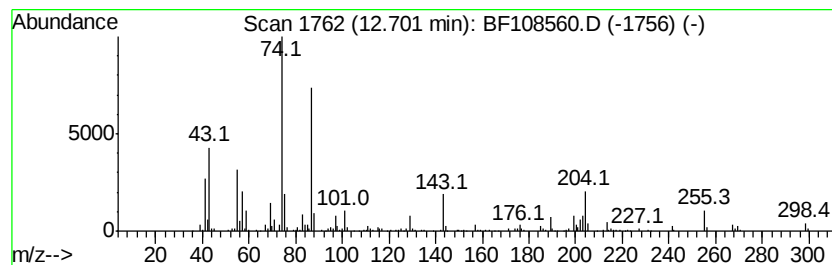
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.70	7.61 ng	342335	Phenanthrene-d10		11.54
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	91
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
5	Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108560.D
Acq On : 28 Aug 2018 17:25
Operator : JU/SJ
Sample : J4274-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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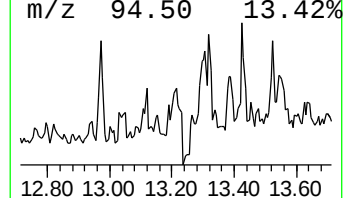
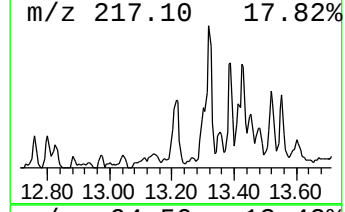
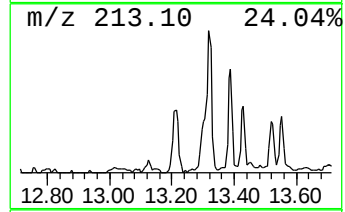
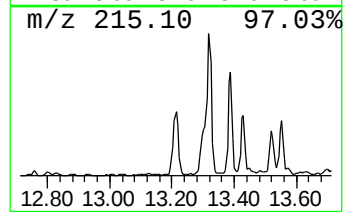
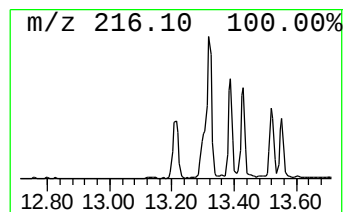
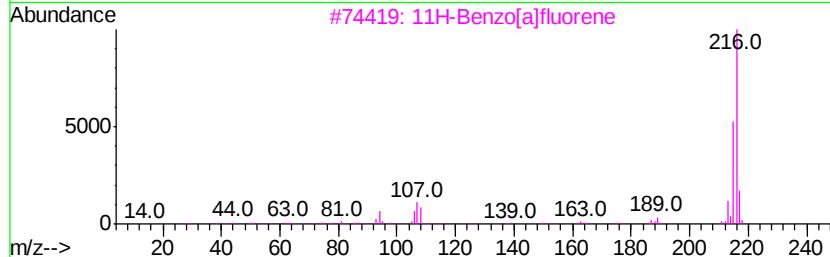
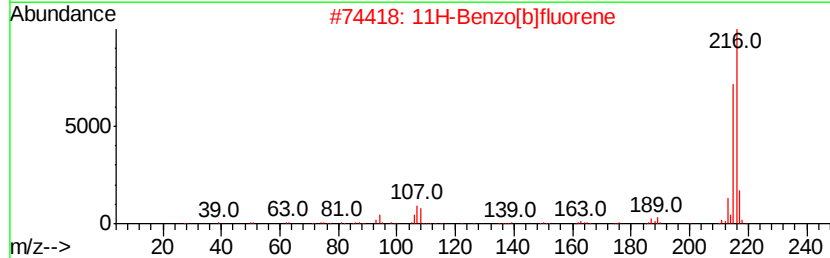
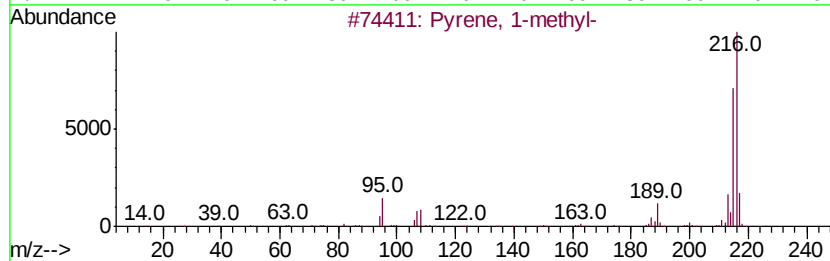
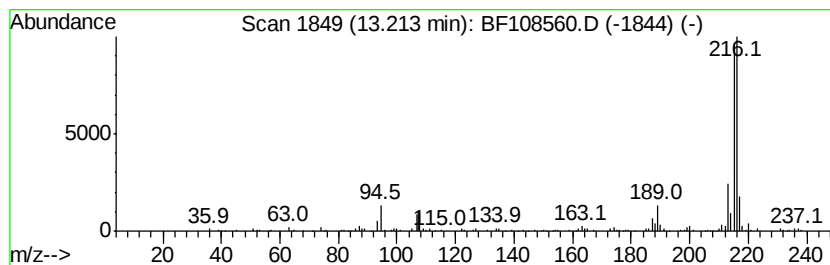
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\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.
13.21	2.35 ng	244600	Chrysene-d12	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108560.D
Acq On : 28 Aug 2018 17:25
Operator : JU/SJ
Sample : J4274-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-082718

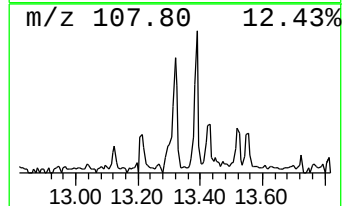
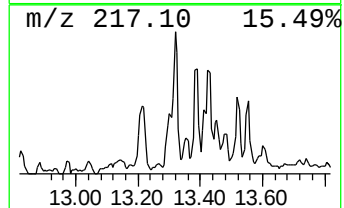
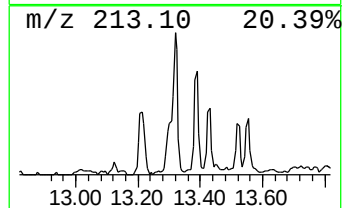
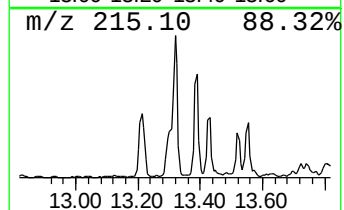
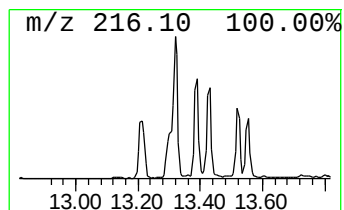
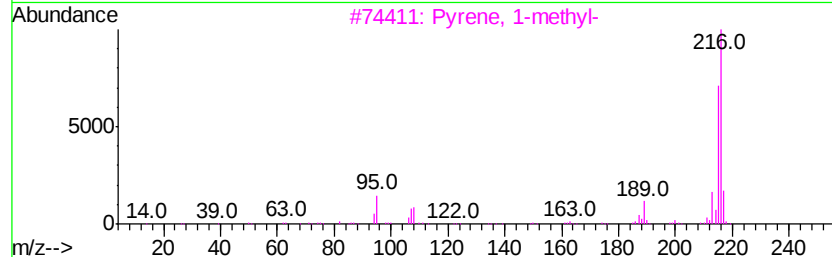
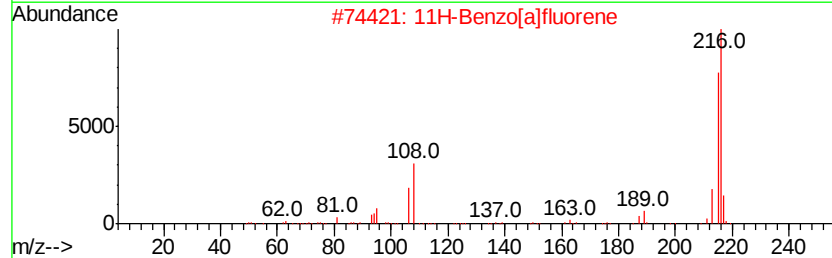
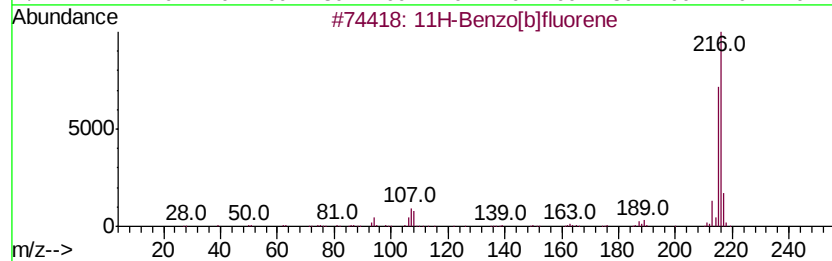
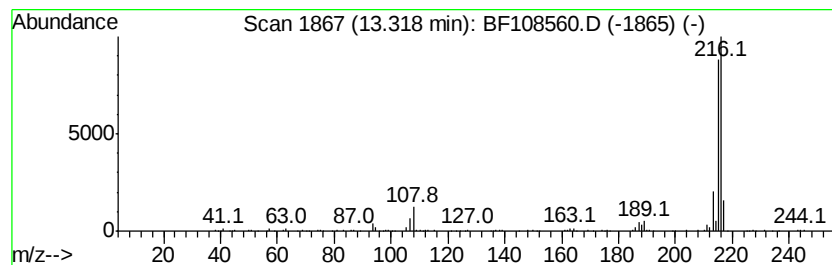
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	2.38 ng	248043	Chrysene-d12	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	76
4		4-Trifluoromethylcinnamic acid	216	C10H7F3O2	002062-26-2	59
5		trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108560.D
Acq On : 28 Aug 2018 17:25
Operator : JU/SJ
Sample : J4274-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

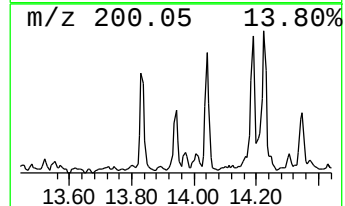
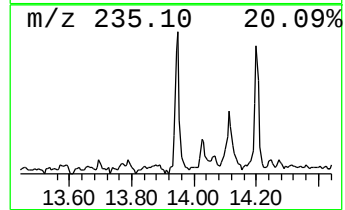
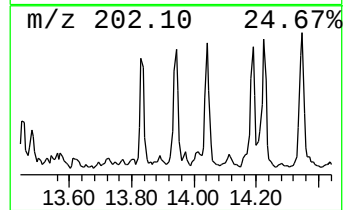
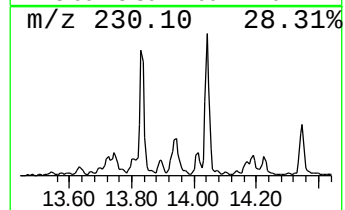
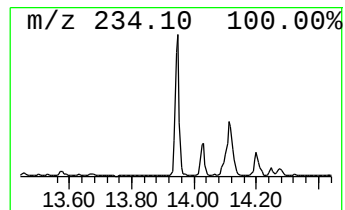
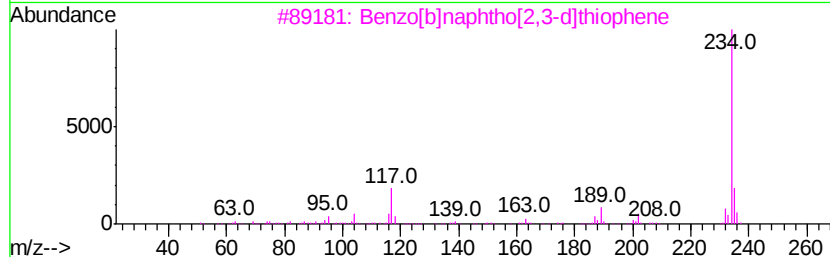
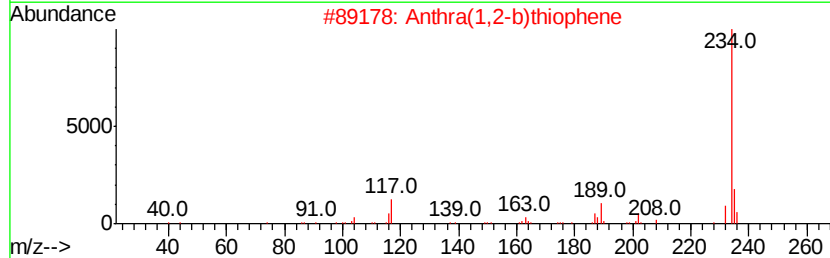
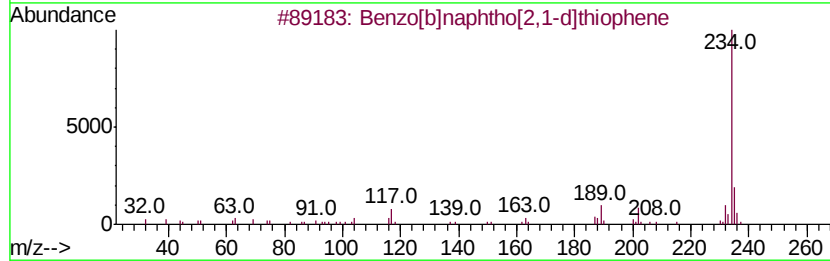
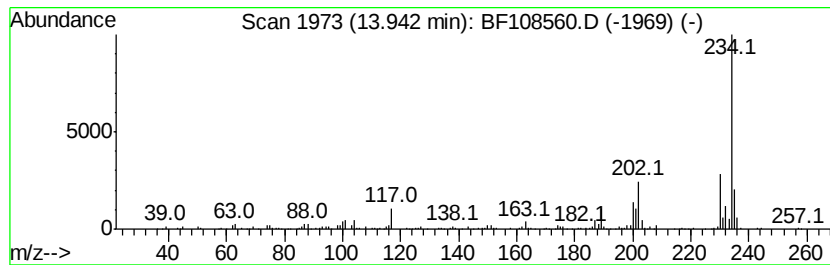
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.94	2.21 ng	229958	Chrysene-d12	14.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	83
3		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
4		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	58
5		Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108560.D
Acq On : 28 Aug 2018 17:25
Operator : JU/SJ
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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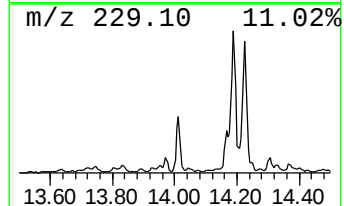
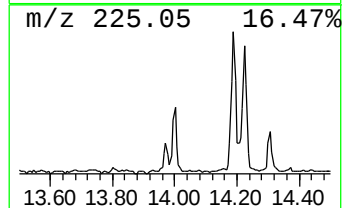
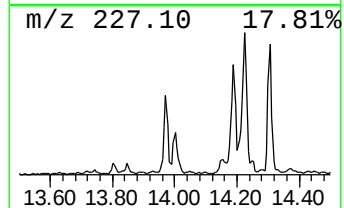
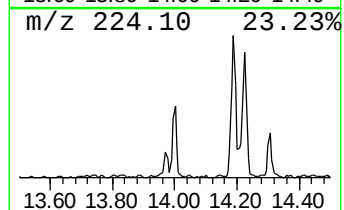
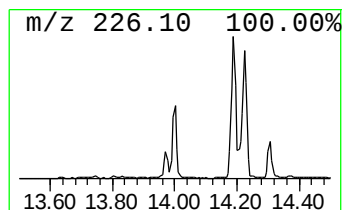
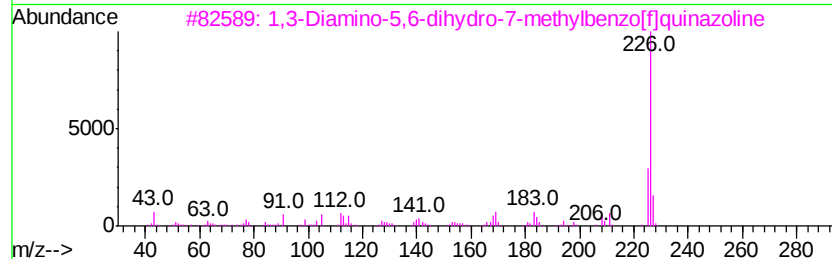
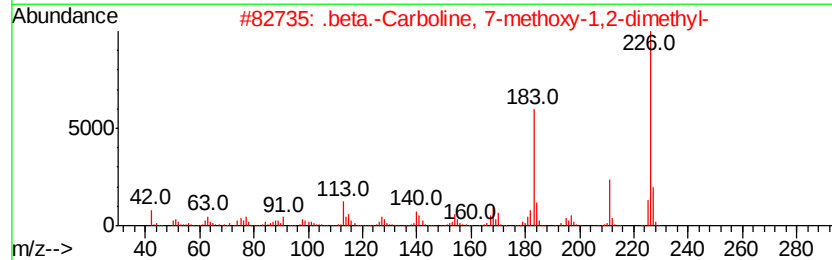
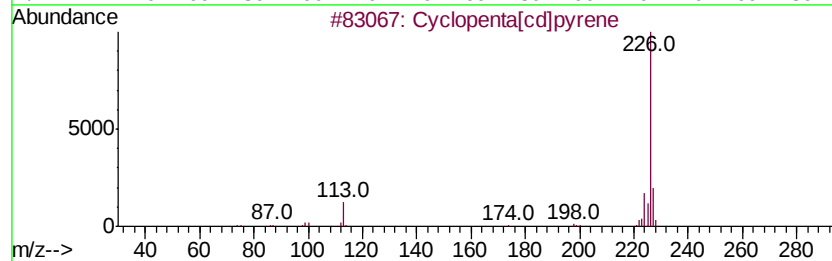
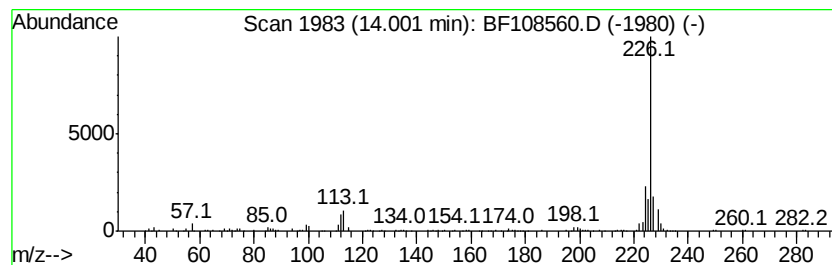
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	2.36 ng	245609	Chrysene-d12	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50
4		9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	40
5		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108560.D
Acq On : 28 Aug 2018 17:25
Operator : JU/SJ
Sample : J4274-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-082718

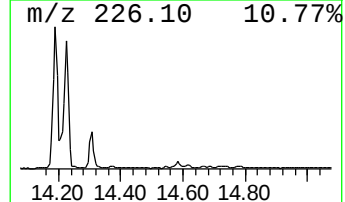
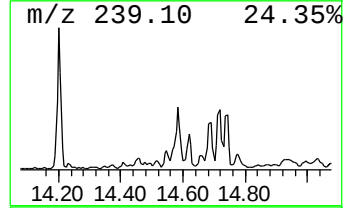
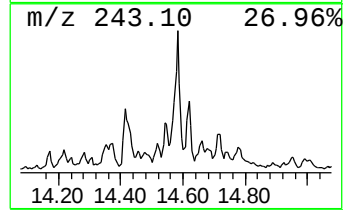
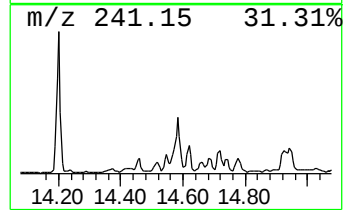
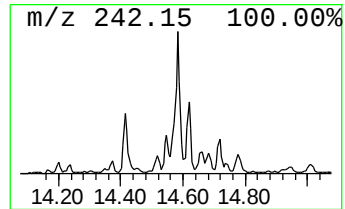
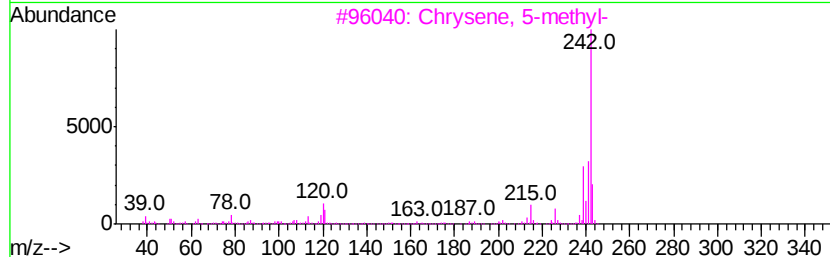
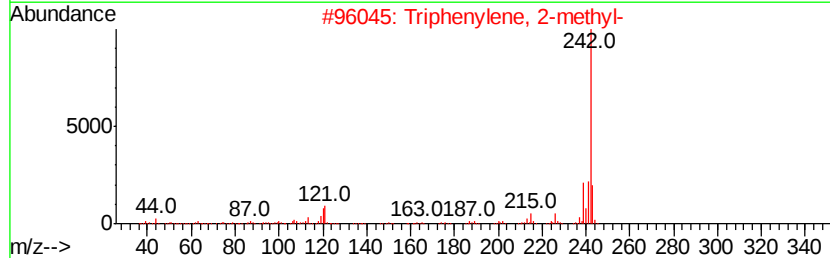
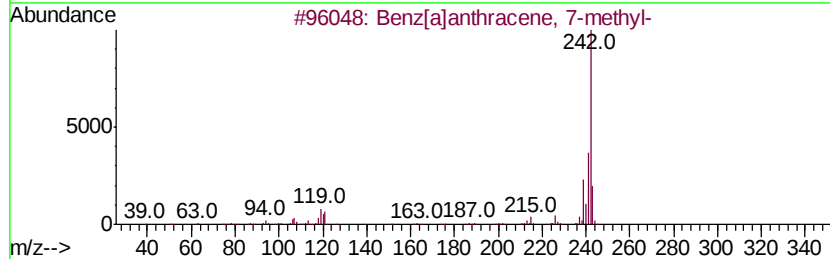
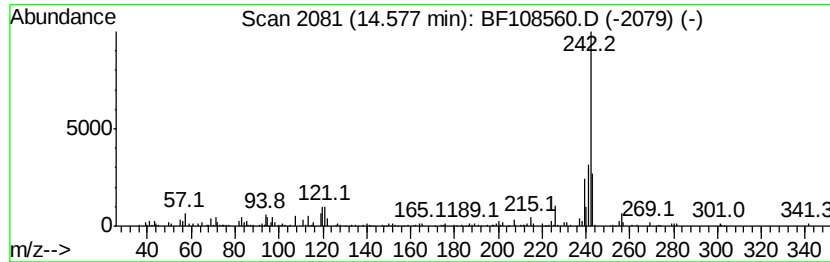
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benz[a]anthracene, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	2.83 ng	295456	Chrysene-d12	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
2		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
3		Chrysene, 5-methyl-	242	C19H14	003697-24-3	81
4		Chrysene, 6-methyl-	242	C19H14	001705-85-7	81
5		Chrysene, 1-methyl-	242	C19H14	003351-28-8	81



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Sample : J4274-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-082718

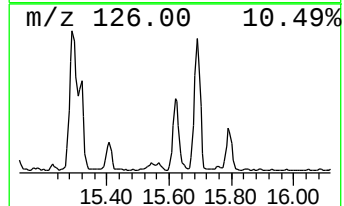
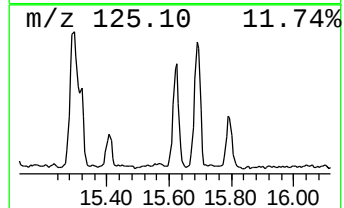
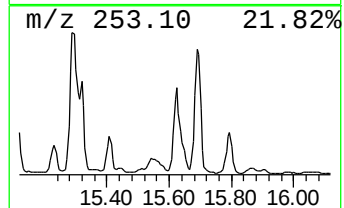
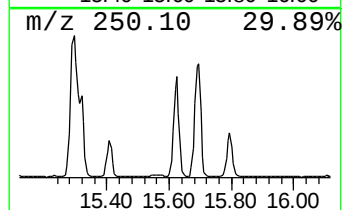
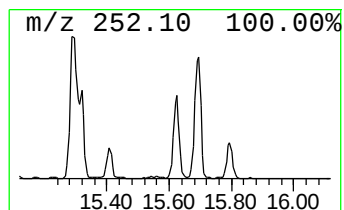
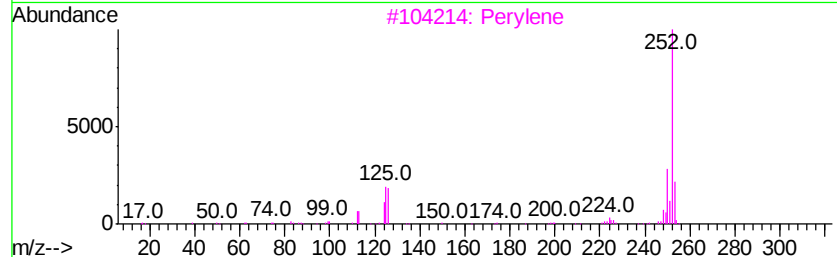
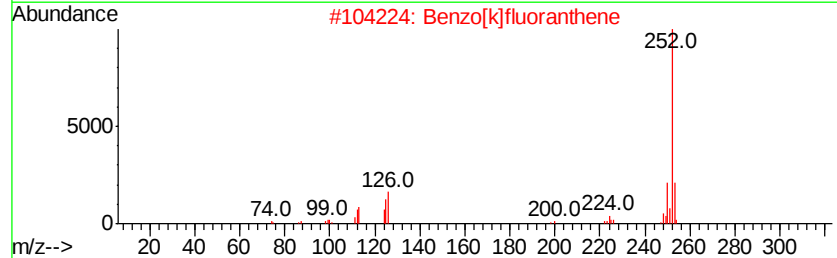
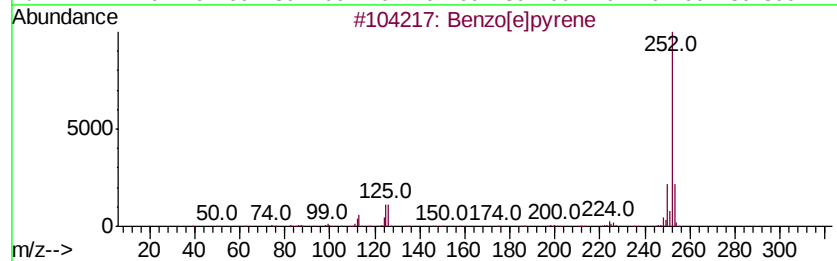
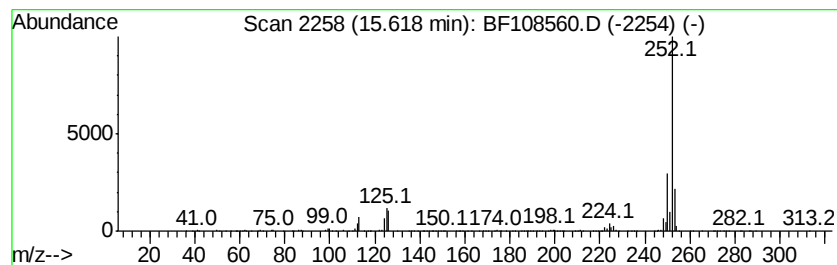
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	18.04 ng	615489	Perylene-d12	15.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
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 Acq On : 28 Aug 2018 17:25
 Operator : JU/SJ
 Sample : J4274-05 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-082718

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
unknown6.78	6.78	5.5	ng	173305	1	7.00	632369	20.0
9H-Fluorene, 1-me...	11.14	2.3	ng	101208	4	11.54	899291	20.0
Hexadecanoic acid...	11.91	10.6	ng	477124	4	11.54	899291	20.0
Phenanthrene, 2-m...	12.04	5.3	ng	237461	4	11.54	899291	20.0
Phenanthrene, 1-m...	12.07	6.0	ng	272164	4	11.54	899291	20.0
Anthracene, 1-met...	12.12	2.4	ng	109645	4	11.54	899291	20.0
4H-Cyclopenta[def...	12.16	9.7	ng	437595	4	11.54	899291	20.0
Naphthalene, 2-ph...	12.34	3.1	ng	141183	4	11.54	899291	20.0
9,10-Anthracenedione	12.37	2.2	ng	99637	4	11.54	899291	20.0
9,12-Octadecadien...	12.60	37.8	ng	1699590	4	11.54	899291	20.0
14-Octadecenoic a...	12.62	26.9	ng	1207640	4	11.54	899291	20.0
Methyl stearate	12.70	7.6	ng	342335	4	11.54	899291	20.0
Pyrene, 1-methyl-	13.21	2.4	ng	244600	5	14.20	2085420	20.0
11H-Benzo[b]fluorene	13.32	2.4	ng	248043	5	14.20	2085420	20.0
Benzo[b]naphtho[2...	13.94	2.2	ng	229958	5	14.20	2085420	20.0
Cyclopenta[cd]pyrene	14.00	2.4	ng	245609	5	14.20	2085420	20.0
Benz[a]anthracene...	14.58	2.8	ng	295456	5	14.20	2085420	20.0
Benzo[e]pyrene	15.62	18.0	ng	615489	6	15.76	682323	20.0