

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110979.D
 Acq On : 26 Nov 2018 22:23
 Operator : JU/SJ
 Sample : J5774-05 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112118-A

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-BF112618.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	2.216	18	22	32	rVB	47120	78887	11.30%	0.656%
2	5.175	521	525	534	rBV2	9312	17730	2.54%	0.148%
3	5.557	587	590	609	rBV	424661	585295	83.86%	4.870%
4	6.204	697	700	703	rBV	53469	44208	6.33%	0.368%
5	6.563	758	761	771	rBV	435296	623112	89.27%	5.185%
6	6.710	782	786	802	rVB	663434	652845	93.53%	5.432%
7	6.939	821	825	833	rBV	342857	333718	47.81%	2.777%
8	7.092	848	851	867	rBV	495145	478612	68.57%	3.982%
9	7.504	918	921	938	rBV	229470	343931	49.28%	2.862%
10	8.222	1039	1043	1063	rVB	343020	408782	58.57%	3.401%
11	8.786	1136	1139	1146	rBV	8863	9269	1.33%	0.077%
12	8.945	1161	1166	1172	rBV	21945	28599	4.10%	0.238%
13	9.039	1178	1182	1189	rBV	34758	39916	5.72%	0.332%
14	9.292	1221	1225	1233	rBV	665841	581943	83.38%	4.842%
15	9.357	1233	1236	1241	rVB	13553	15096	2.16%	0.126%
16	9.569	1266	1272	1277	rBV2	22391	33290	4.77%	0.277%
17	9.639	1280	1284	1286	rVV	35551	41083	5.89%	0.342%
18	9.669	1286	1289	1290	rVV2	30510	29718	4.26%	0.247%
19	9.686	1290	1292	1299	rVV	57867	67460	9.67%	0.561%
20	9.757	1301	1304	1311	rVB	16534	24451	3.50%	0.203%
21	9.845	1315	1319	1322	rVV2	28307	29756	4.26%	0.248%
22	9.886	1322	1326	1331	rVB2	15520	16177	2.32%	0.135%
23	9.939	1331	1335	1338	rBV2	11414	12261	1.76%	0.102%
24	9.980	1338	1342	1345	rVV	425283	373812	53.56%	3.110%
25	10.010	1345	1347	1357	rVB	60849	64559	9.25%	0.537%
26	10.080	1357	1359	1363	rBV2	17459	17746	2.54%	0.148%
27	10.192	1372	1378	1381	rBV2	27837	41986	6.02%	0.349%
28	10.222	1381	1383	1389	rVB	21187	19857	2.84%	0.165%
29	10.292	1392	1395	1398	rBV	16309	16782	2.40%	0.140%
30	10.327	1398	1401	1403	rVB	13279	10112	1.45%	0.084%
31	10.386	1407	1411	1413	rBV	33417	31710	4.54%	0.264%
32	10.533	1432	1436	1442	rVB	80354	79460	11.38%	0.661%
33	10.598	1445	1447	1453	rVB5	14784	19400	2.78%	0.161%
34	10.686	1461	1462	1466	rVB	16096	12729	1.82%	0.106%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.775	1473	1477	1483	rBV	289465	325892	46.69%	2.712%
36	10.857	1488	1491	1495	rBV	21214	22363	3.20%	0.186%
37	11.080	1525	1529	1532	rVB	25467	26789	3.84%	0.223%
38	11.110	1532	1534	1537	rBV	17750	17762	2.54%	0.148%
39	11.163	1540	1543	1546	rVV2	10673	10562	1.51%	0.088%
40	11.204	1546	1550	1552	rVV4	6559	9072	1.30%	0.075%
41	11.227	1552	1554	1559	rVB3	8932	8837	1.27%	0.074%
42	11.304	1565	1567	1569	rBV2	15932	13060	1.87%	0.109%
43	11.374	1576	1579	1584	rVB	28131	26394	3.78%	0.220%
44	11.474	1593	1596	1598	rBV	404604	354638	50.81%	2.951%
45	11.498	1598	1600	1607	rVB	342920	350637	50.24%	2.918%
46	11.557	1607	1610	1617	rBV	96091	105720	15.15%	0.880%
47	11.733	1634	1640	1643	rBV3	24423	33039	4.73%	0.275%
48	11.763	1643	1645	1648	rVV	11461	8945	1.28%	0.074%
49	11.810	1648	1653	1655	rVV2	17395	19945	2.86%	0.166%
50	11.839	1655	1658	1661	rVV	177757	138824	19.89%	1.155%
51	11.898	1664	1668	1671	rBV2	12790	16209	2.32%	0.135%
52	11.980	1678	1682	1685	rBV	101412	104949	15.04%	0.873%
53	12.010	1685	1687	1692	rVV	107392	90286	12.94%	0.751%
54	12.063	1692	1696	1698	rVV	32852	32649	4.68%	0.272%
55	12.092	1698	1701	1704	rVV2	118018	145722	20.88%	1.212%
56	12.116	1704	1705	1708	rVV	61195	41468	5.94%	0.345%
57	12.139	1708	1709	1713	rVB2	15249	11038	1.58%	0.092%
58	12.216	1717	1722	1725	rBV4	7124	8076	1.16%	0.067%
59	12.274	1729	1732	1736	rBV	42265	40574	5.81%	0.338%
60	12.421	1752	1757	1760	rBV2	24983	29172	4.18%	0.243%
61	12.457	1760	1763	1765	rBV	32034	27026	3.87%	0.225%
62	12.480	1765	1767	1771	rVB2	24105	18094	2.59%	0.151%
63	12.527	1771	1775	1777	rBV	790329	697971	100.00%	5.808%
64	12.545	1777	1778	1785	rVV3	463003	425266	60.93%	3.538%
65	12.633	1788	1793	1800	rVB4	97024	122766	17.59%	1.021%
66	12.698	1800	1804	1808	rBV	433543	402360	57.65%	3.348%
67	12.733	1808	1810	1812	rVB3	13854	11094	1.59%	0.092%
68	12.757	1812	1814	1819	rVB4	17515	18174	2.60%	0.151%
69	12.798	1819	1821	1826	rVB3	18412	23187	3.32%	0.193%
70	12.851	1826	1830	1832	rBV2	32591	41107	5.89%	0.342%
71	12.910	1837	1840	1841	rBV2	71281	68571	9.82%	0.571%

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72	12.933	1841	1844	1849	rVB	402515	385966	55.30%	3.211%
73	12.980	1849	1852	1855	rVB	34855	35211	5.04%	0.293%
74	13.027	1857	1860	1862	rBV3	9673	11758	1.68%	0.098%
75	13.057	1862	1865	1868	rBV	624003	511322	73.26%	4.255%
76	13.151	1876	1881	1886	rBV4	40474	63490	9.10%	0.528%
77	13.192	1886	1888	1891	rBV3	24987	27672	3.96%	0.230%
78	13.257	1891	1899	1905	rVB	81582	130390	18.68%	1.085%
79	13.327	1905	1911	1913	rBV	56866	63870	9.15%	0.531%
80	13.363	1913	1917	1921	rBV2	60999	73060	10.47%	0.608%
81	13.457	1931	1933	1936	rBV	45707	41484	5.94%	0.345%
82	13.492	1936	1939	1946	rVB2	44717	52361	7.50%	0.436%
83	13.604	1955	1958	1961	rVB4	17046	13061	1.87%	0.109%
84	13.633	1961	1963	1964	rBV2	11055	8126	1.16%	0.068%
85	13.863	2000	2002	2004	rBV2	16921	19241	2.76%	0.160%
86	13.886	2004	2006	2008	rVV2	48083	46730	6.70%	0.389%
87	13.933	2011	2014	2022	rVV4	51789	98853	14.16%	0.823%
88	13.992	2022	2024	2028	rVB4	18895	22809	3.27%	0.190%
89	14.133	2043	2048	2051	rBV2	345560	457474	65.54%	3.806%
90	14.157	2051	2052	2060	rVV	125132	132863	19.04%	1.106%
91	14.245	2064	2067	2071	rVV2	42559	45763	6.56%	0.381%
92	14.521	2112	2114	2117	rVB	26562	19566	2.80%	0.163%
93	14.551	2117	2119	2124	rBV2	38857	39810	5.70%	0.331%
94	14.862	2170	2172	2175	rBV	37156	33949	4.86%	0.282%
95	15.215	2228	2232	2236	rBV	116636	164532	23.57%	1.369%
96	15.539	2284	2287	2294	rVB	49156	71115	10.19%	0.592%
97	15.609	2295	2299	2305	rVB	104013	136255	19.52%	1.134%
98	15.674	2305	2310	2314	rBV	139625	203931	29.22%	1.697%
99	16.057	2373	2375	2382	rVB2	49162	75166	10.77%	0.625%

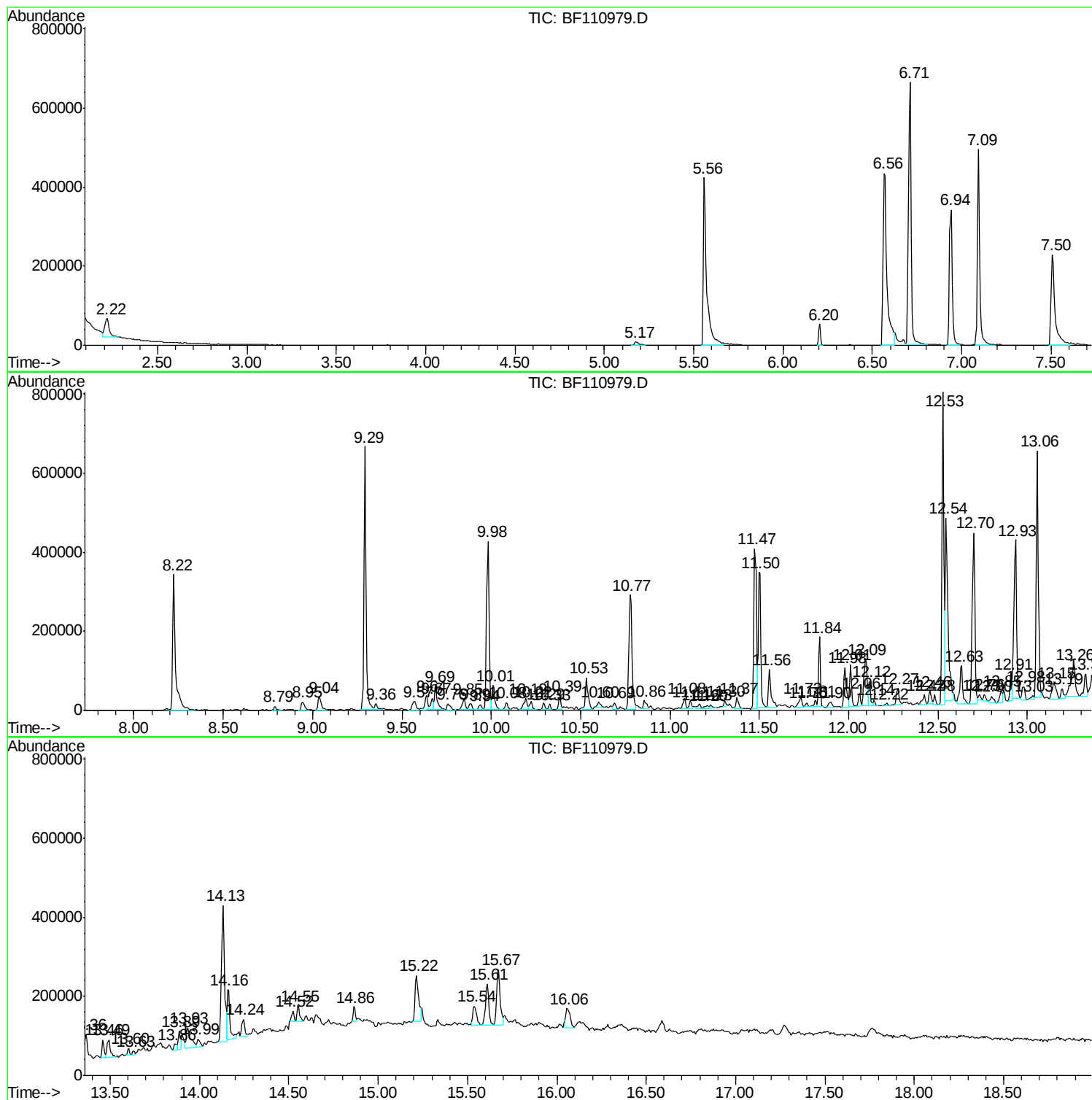
Sum of corrected areas: 12018358

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



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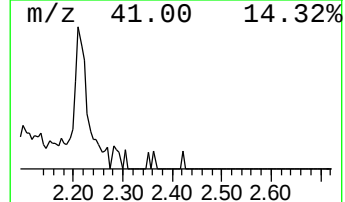
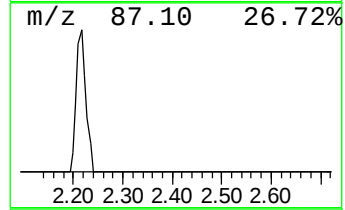
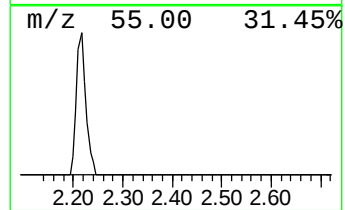
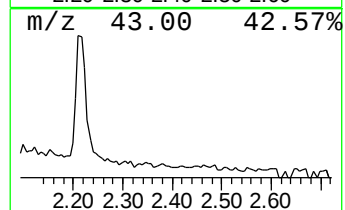
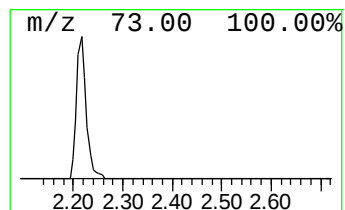
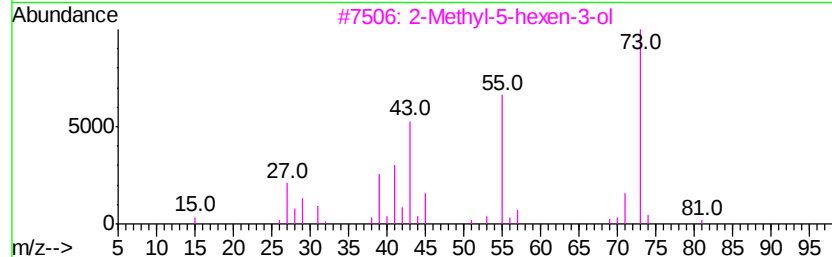
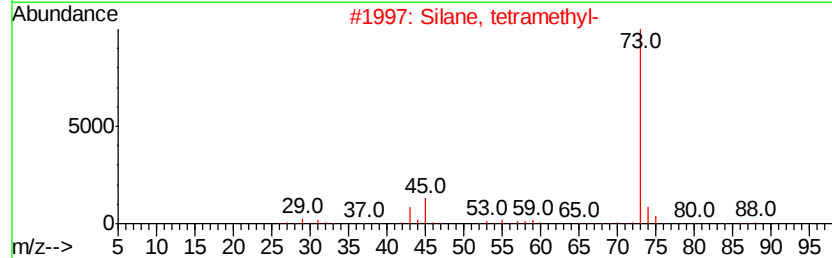
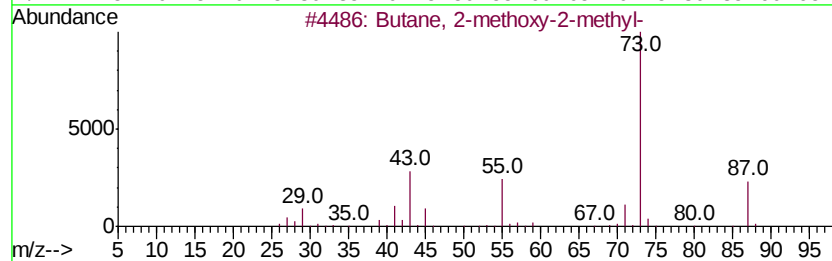
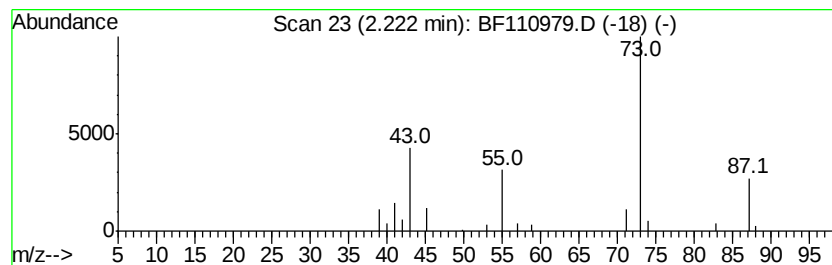
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	4.73 ng	78887	1,4-Dichlorobenzene-d4	6.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8 78
2		Silane, tetramethyl-	88 C4H12Si	000075-76-3 38
3		2-Methyl-5-hexen-3-ol	114 C7H14O	032815-70-6 23
4		1-Propene-1-thiol	74 C3H6S	000925-89-3 9
5		N-Ethylformamide	73 C3H7NO	000627-45-2 9



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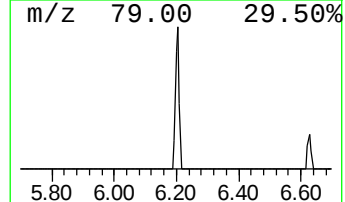
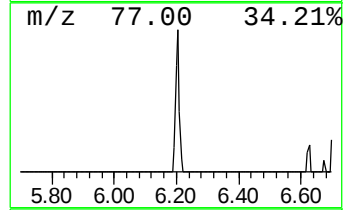
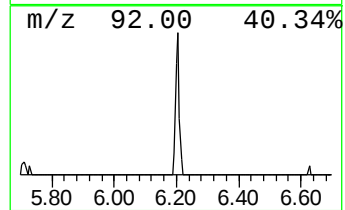
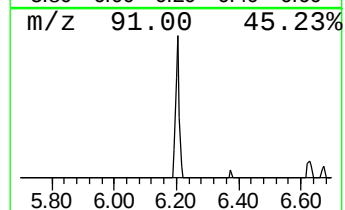
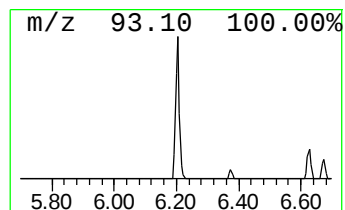
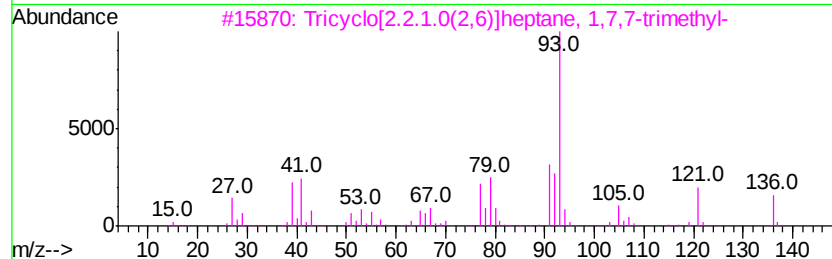
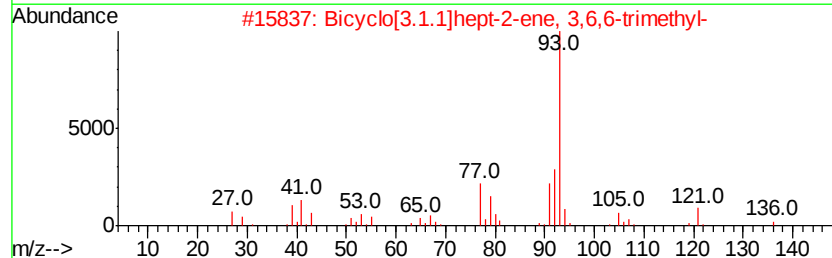
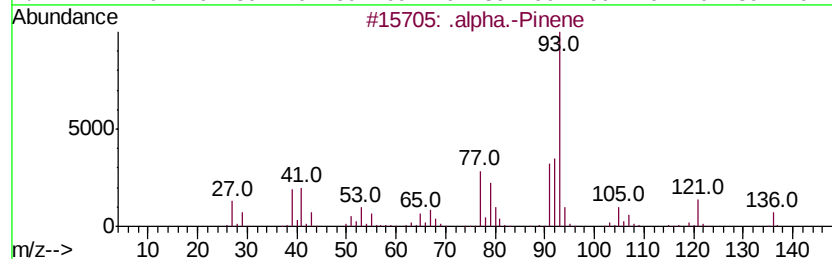
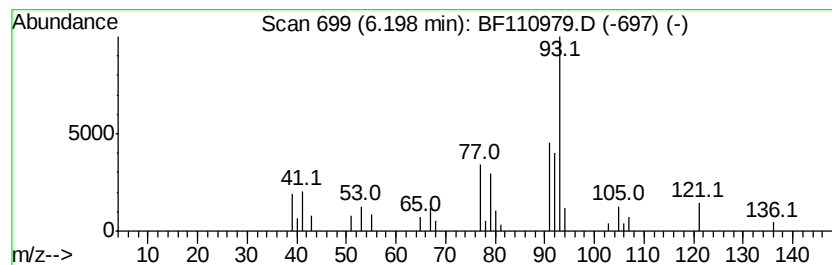
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 .alpha.-Pinene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	2.65 ng	44208	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Pinene	136	C10H16	000080-56-8	91
2		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
3		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
5		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90



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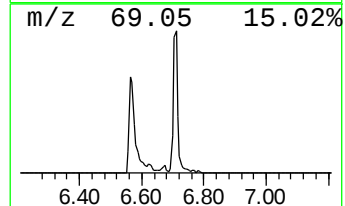
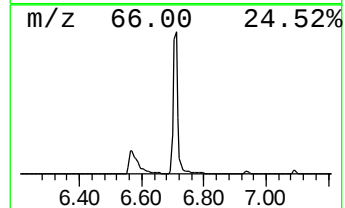
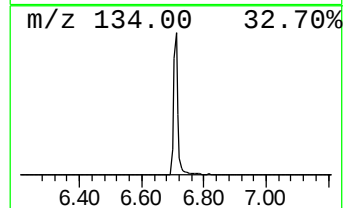
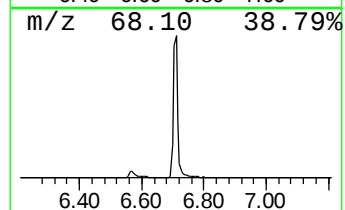
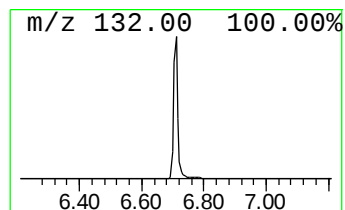
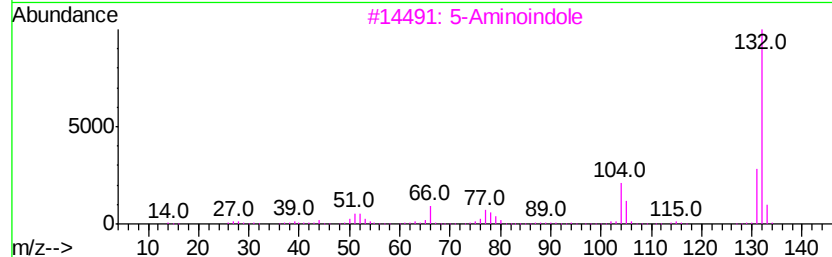
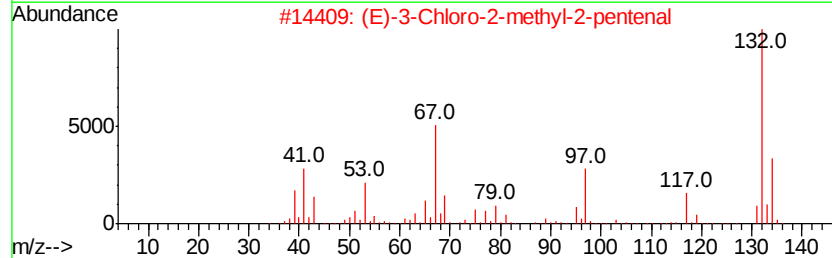
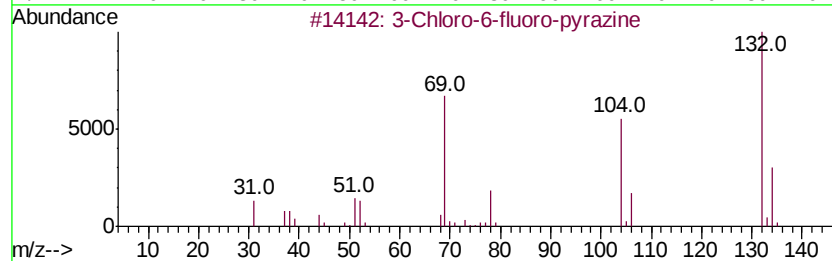
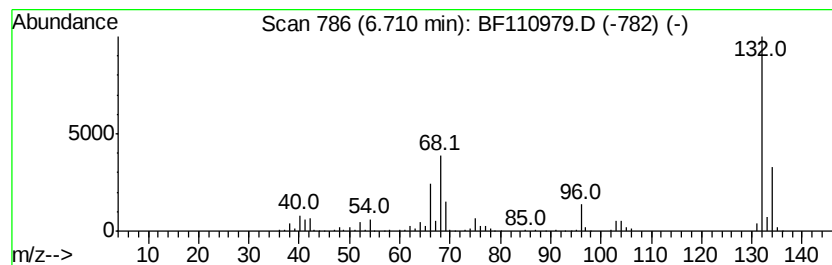
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.71 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	39.13 ng	652845	1,4-Dichlorobenzene-d4	6.94

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	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110979.D
Acq On : 26 Nov 2018 22:23
Operator : JU/SJ
Sample : J5774-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

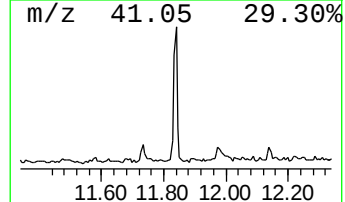
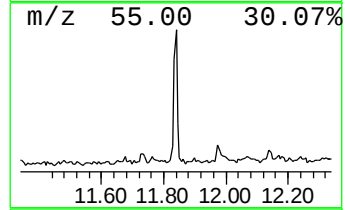
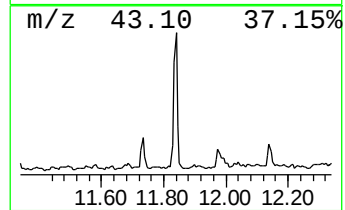
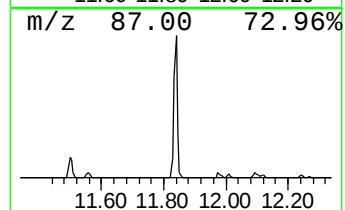
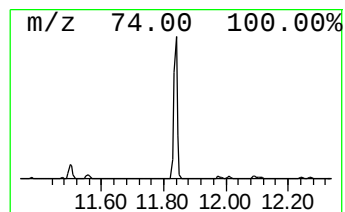
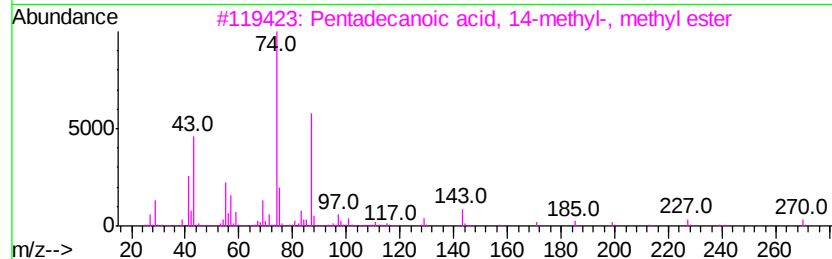
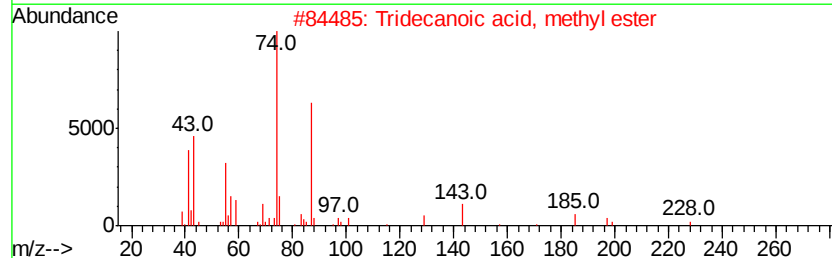
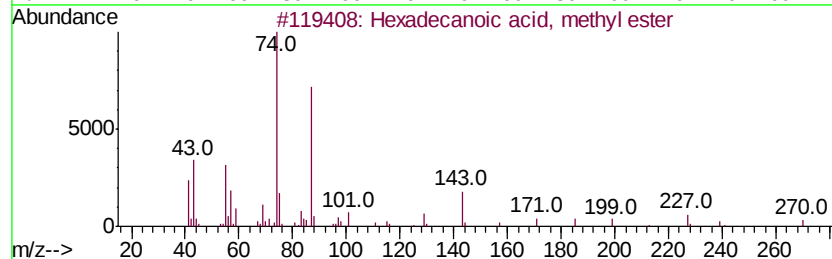
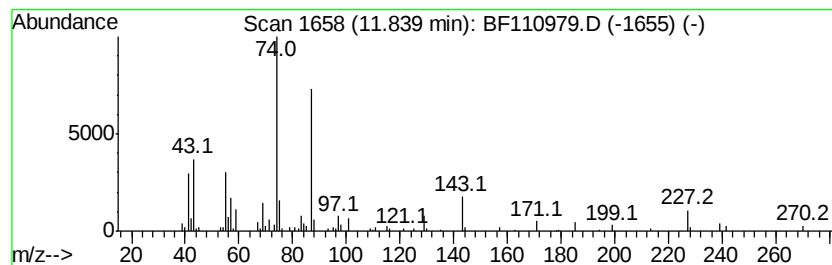
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	7.83 ng	138824	Phenanthrene-d10	11.47

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	94
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110979.D
Acq On : 26 Nov 2018 22:23
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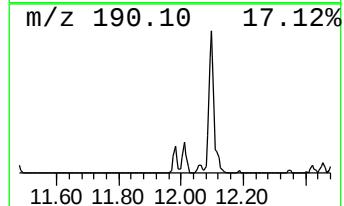
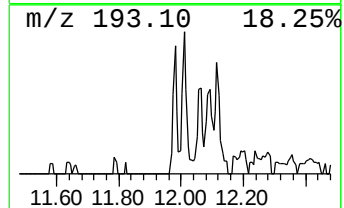
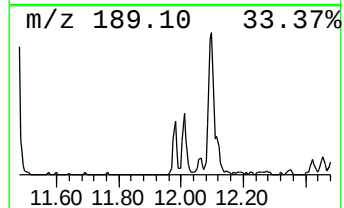
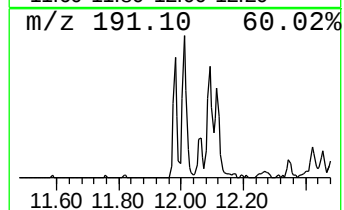
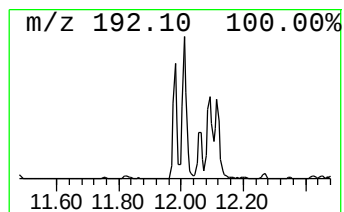
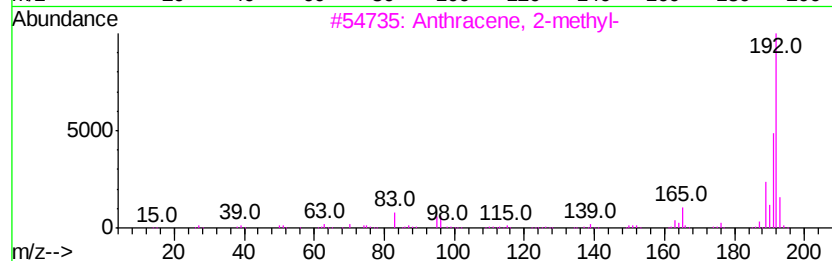
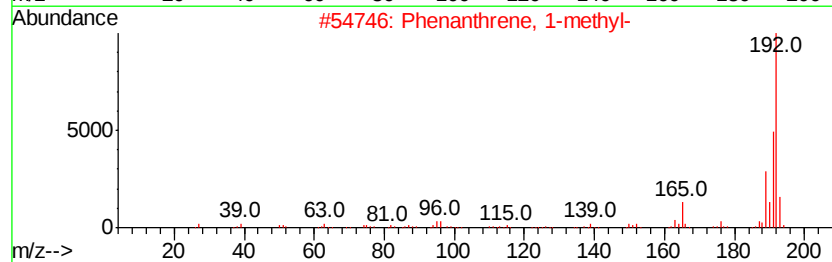
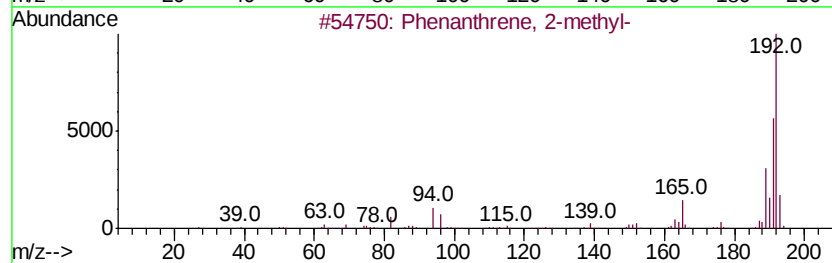
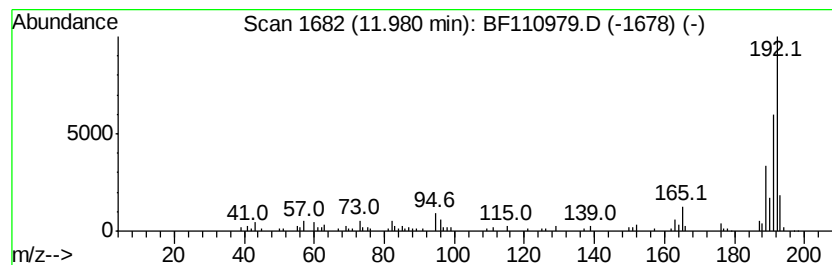
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.98	5.92 ng	104949	Phenanthrene-d10	11.47	
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	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110979.D
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Misc :
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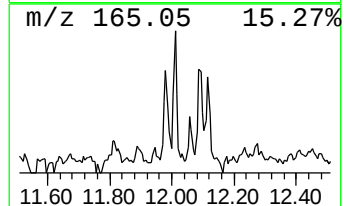
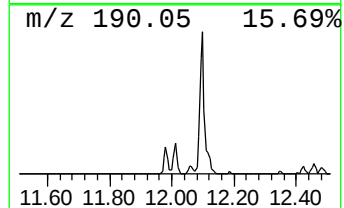
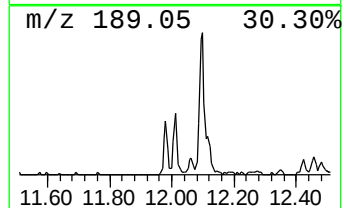
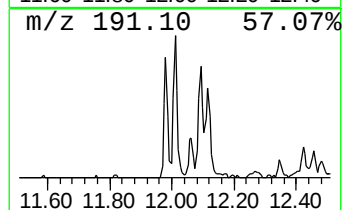
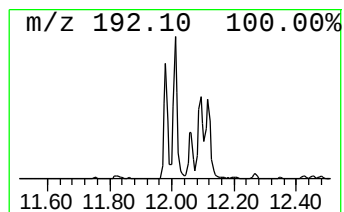
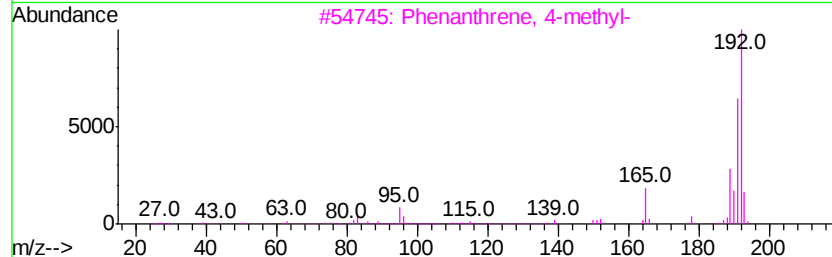
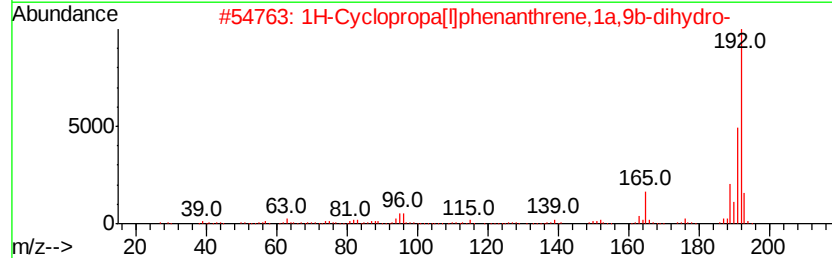
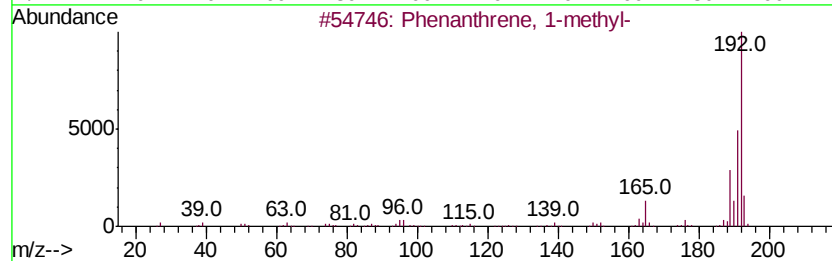
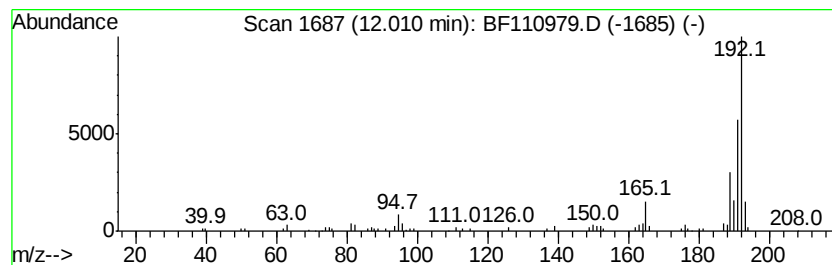
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.01	5.09 ng	90286	Phenanthrene-d10	11.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110979.D
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Sample : J5774-05 2X
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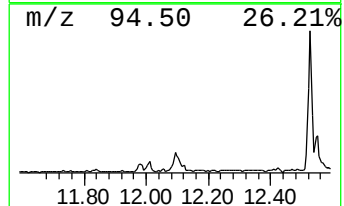
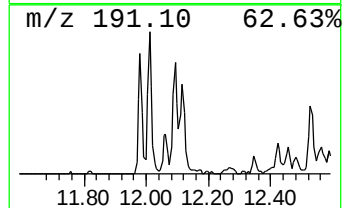
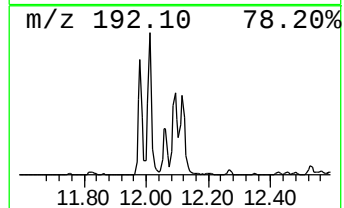
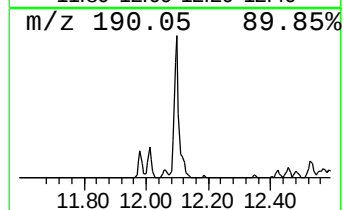
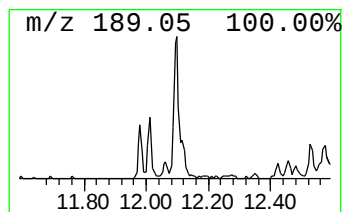
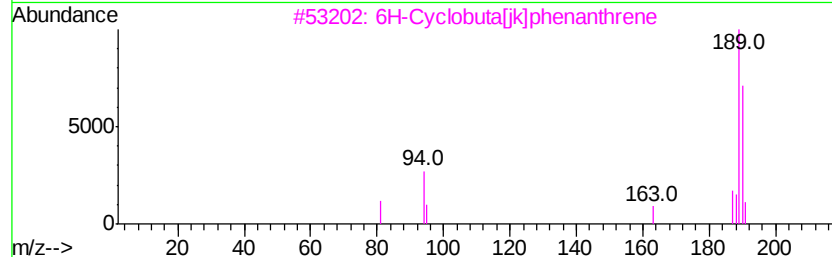
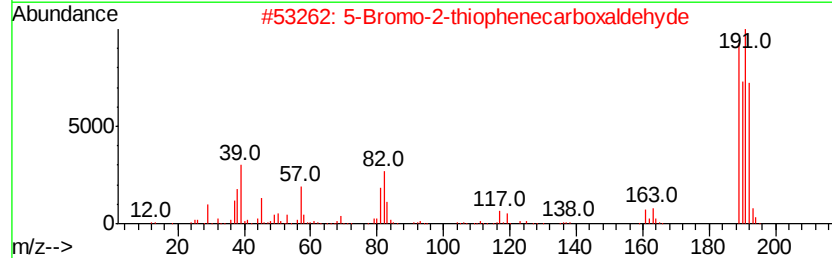
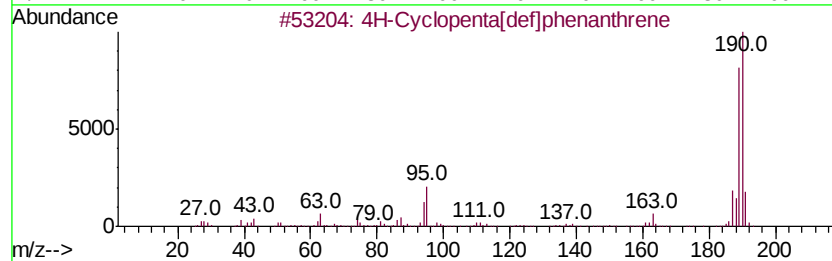
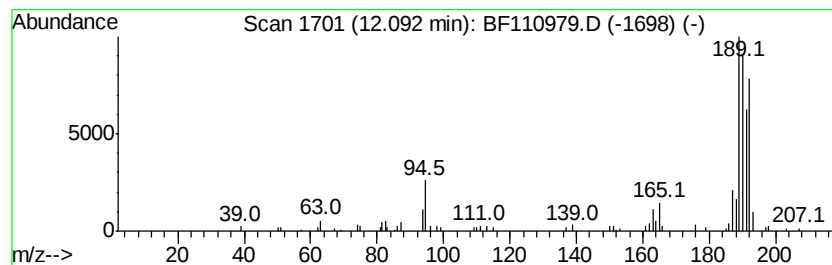
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.	
12.09	8.22 ng	145722	Phenanthrene-d10	11.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	53
3	6H-Cyclobuta[f]phenanthrene	190	C15H10	083469-43-6	49
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110979.D
Acq On : 26 Nov 2018 22:23
Operator : JU/SJ
Sample : J5774-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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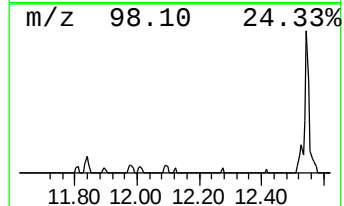
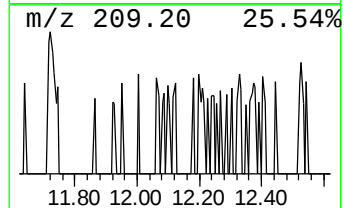
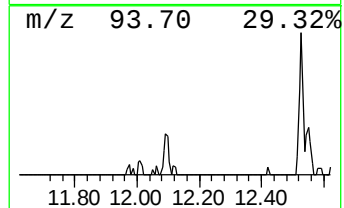
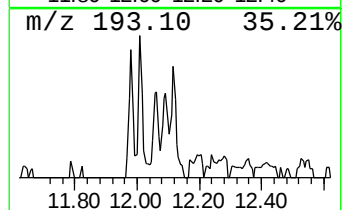
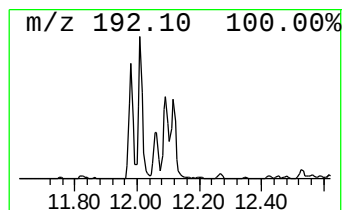
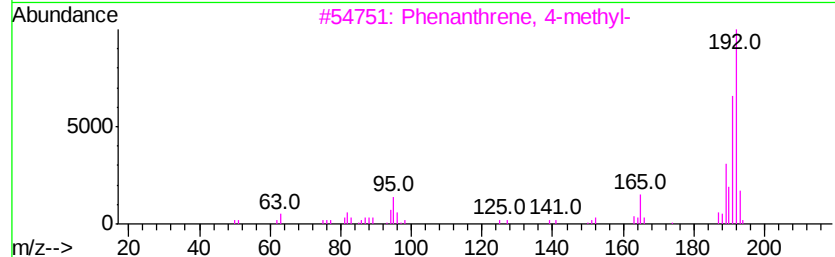
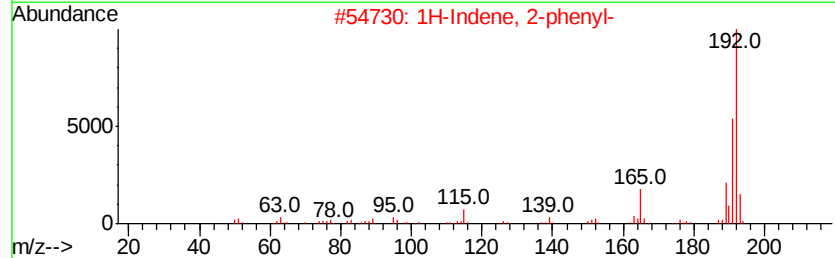
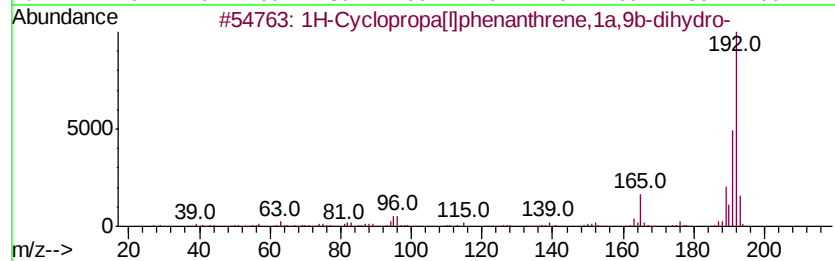
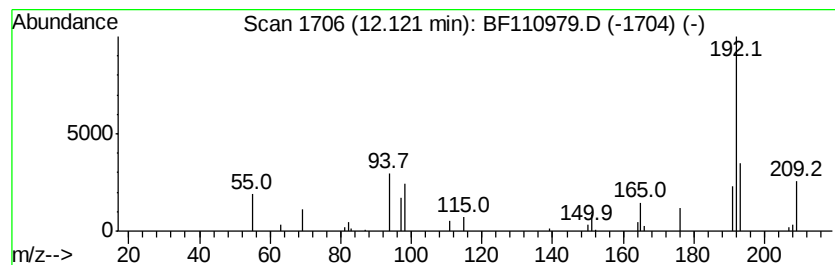
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.34 ng	41468	Phenanthrene-d10	11.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	83
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
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ALS Vial : 20 Sample Multiplier: 1

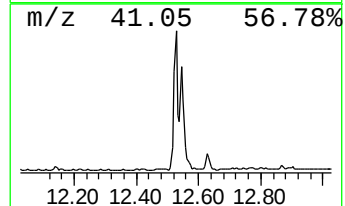
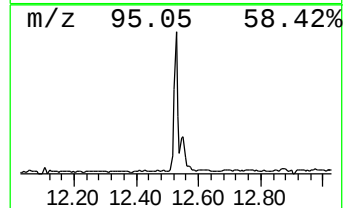
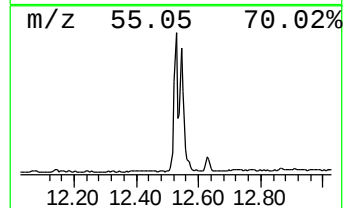
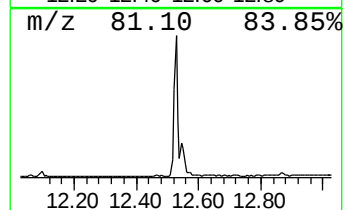
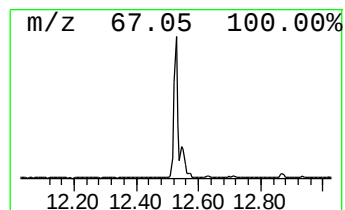
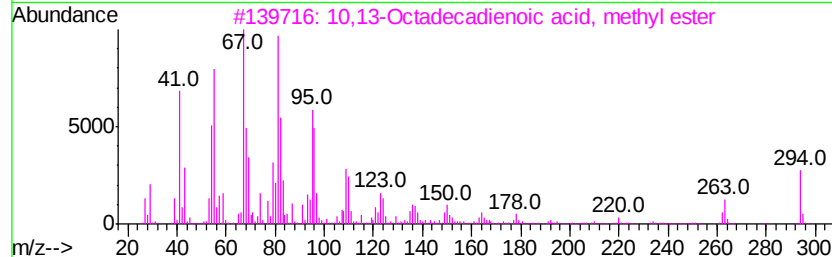
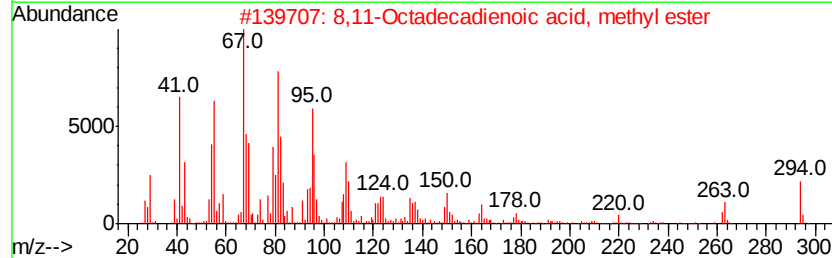
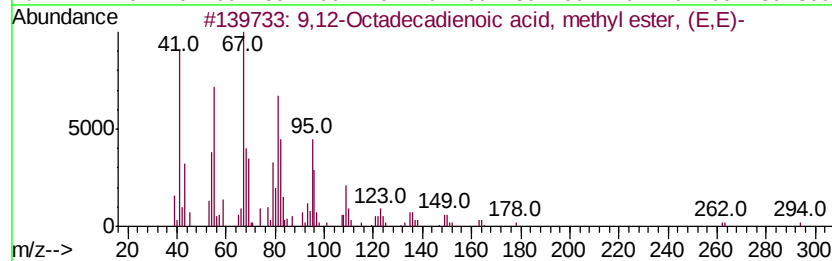
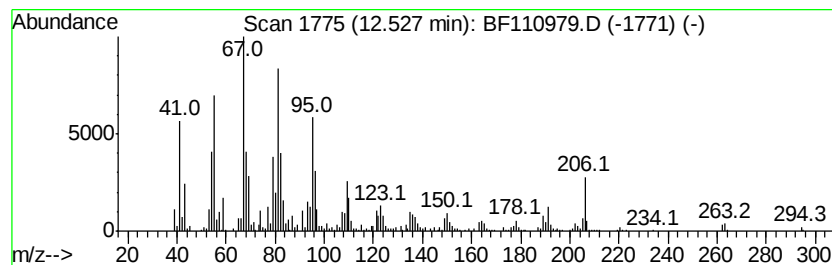
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.53	39.36 ng	697971	Phenanthrene-d10	11.47		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99	
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99	
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99	
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
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ClientSampleId :
SU-03-112118-A

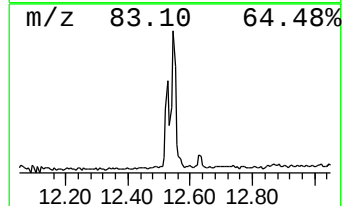
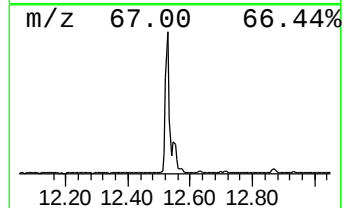
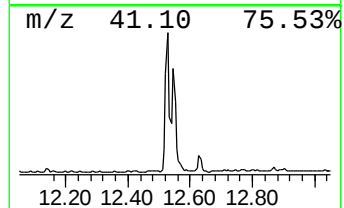
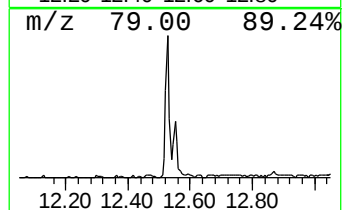
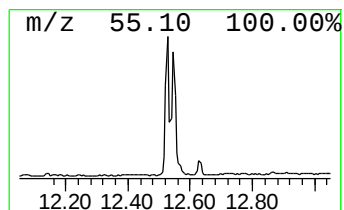
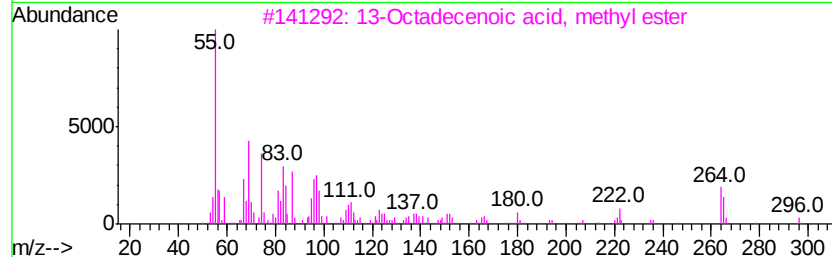
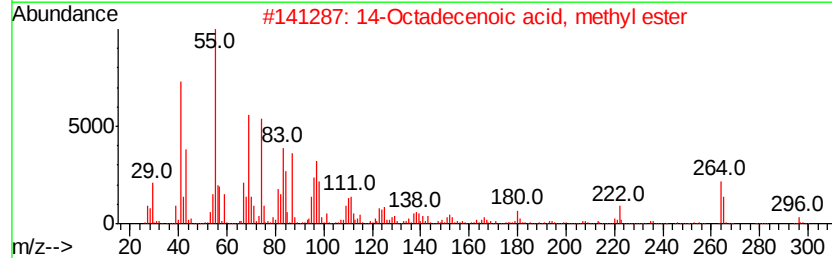
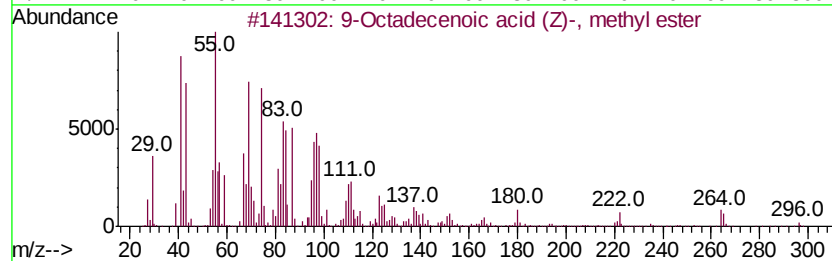
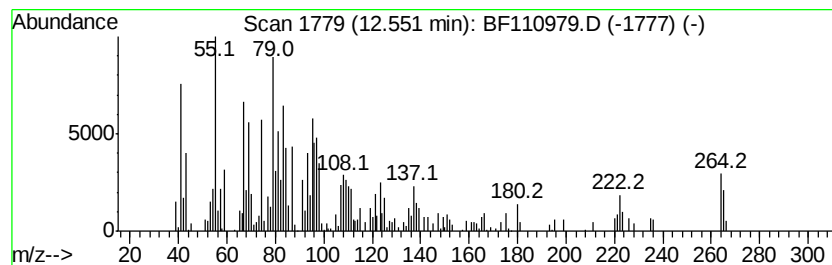
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	23.98 ng	425266	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
2		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91
3		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91
4		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	90
5		trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110979.D
Acq On : 26 Nov 2018 22:23
Operator : JU/SJ
Sample : J5774-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

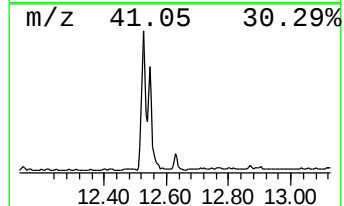
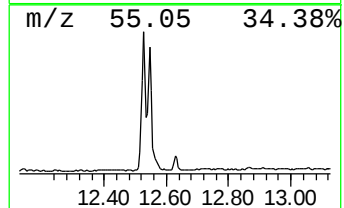
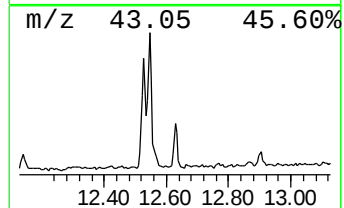
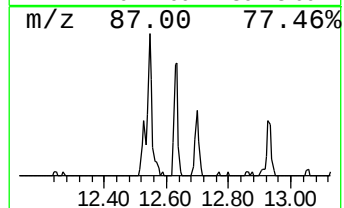
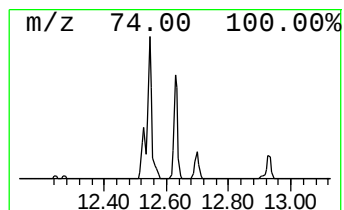
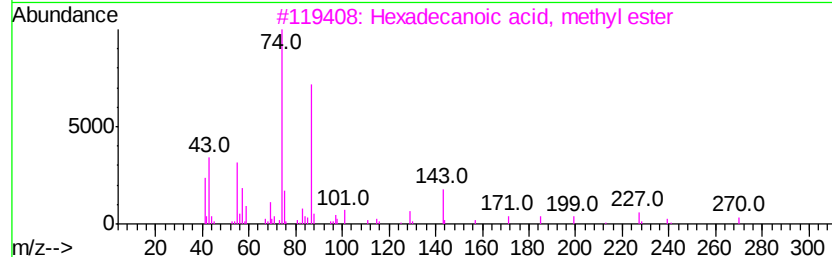
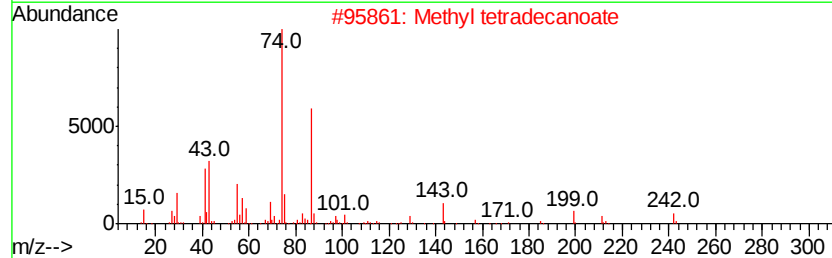
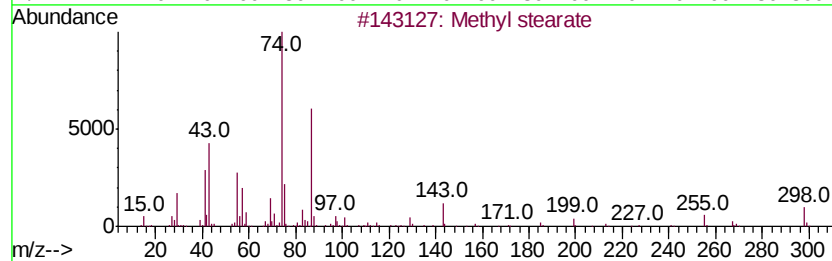
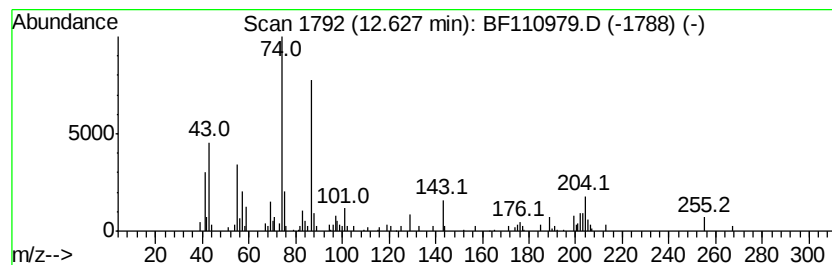
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ClientSampleId :
SU-03-112118-A

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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 Methyl stearate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.63	6.92 ng	122766	Phenanthrene-d10		11.47	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl stearate	298	C19H38O2	000112-61-8	94
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	53
3		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	52
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	50
5		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110979.D
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Sample : J5774-05 2X
Misc :
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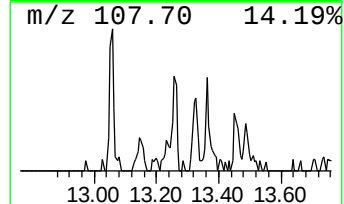
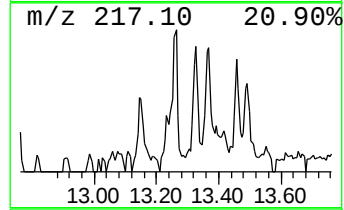
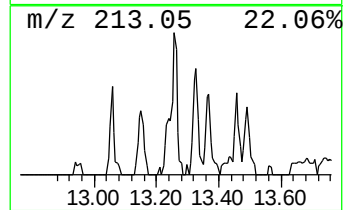
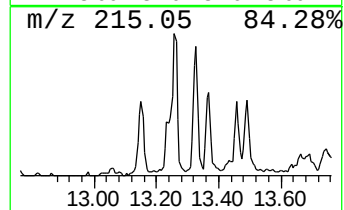
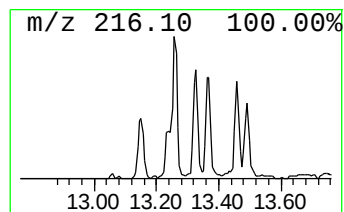
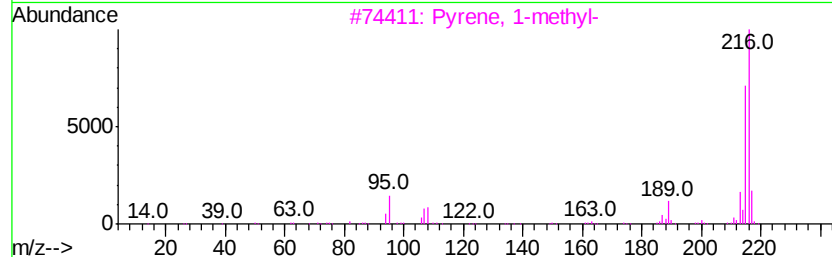
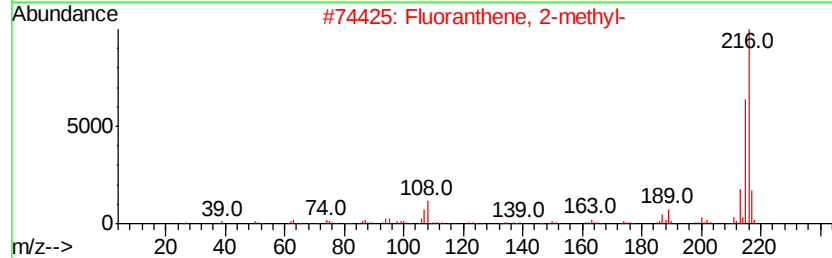
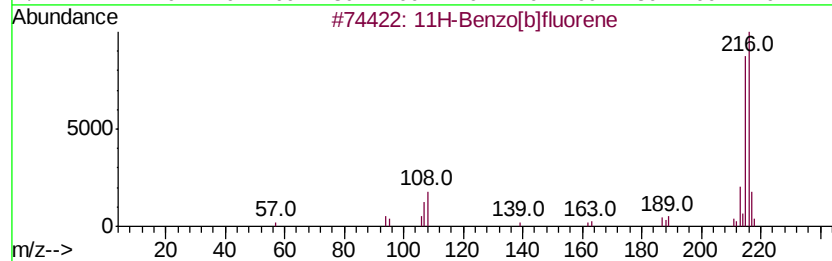
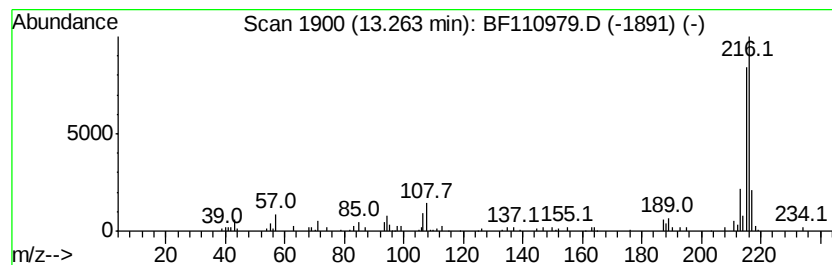
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.26	5.70 ng	130390	Chrysene-d12	14.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pvrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110979.D
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Operator : JU/SJ
Sample : J5774-05 2X
Misc :
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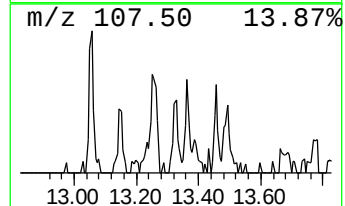
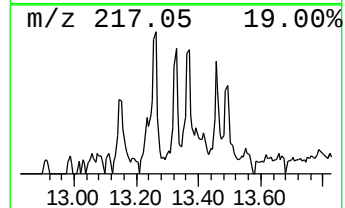
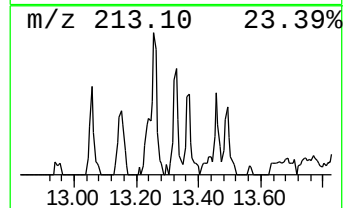
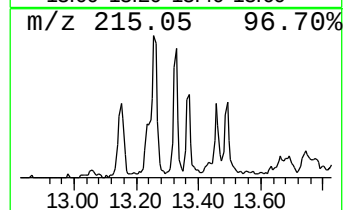
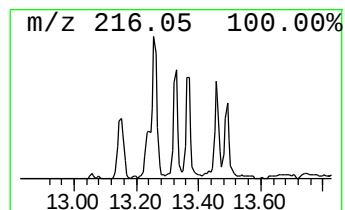
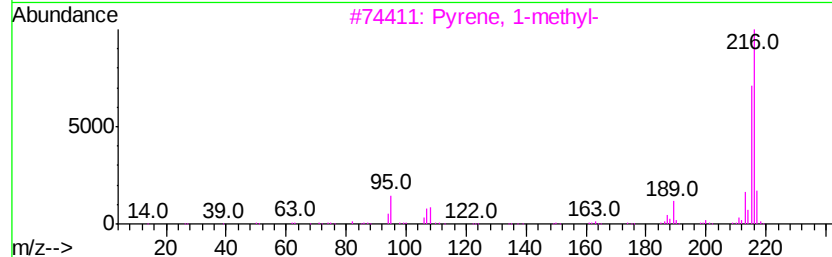
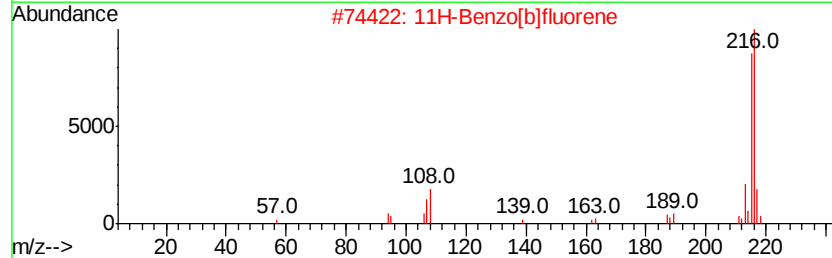
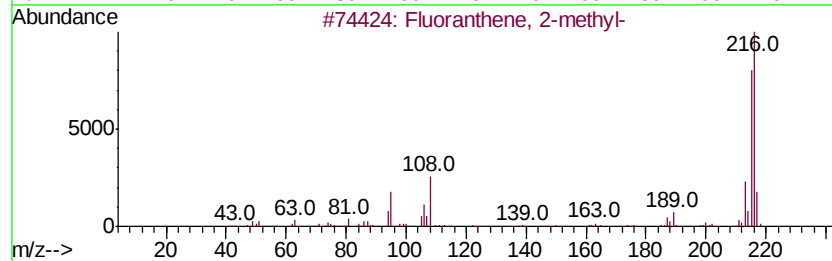
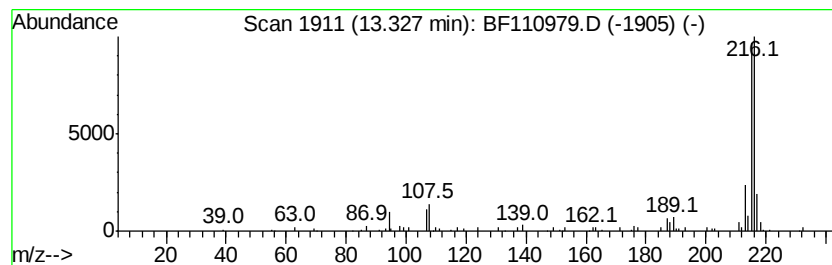
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.33	2.79 ng	63870	Chrysene-d12	14.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110979.D
Acq On : 26 Nov 2018 22:23
Operator : JU/SJ
Sample : J5774-05 2X
Misc :
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Instrument :
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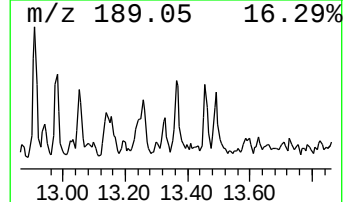
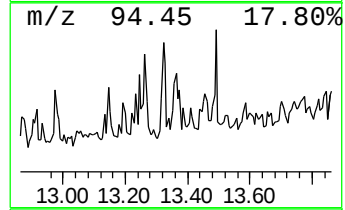
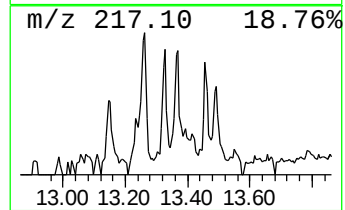
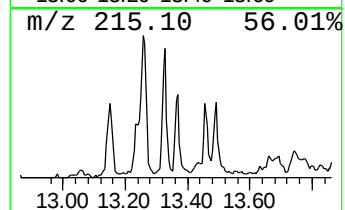
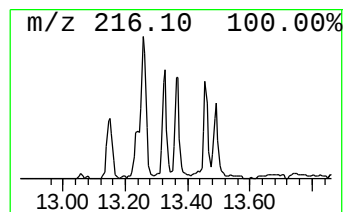
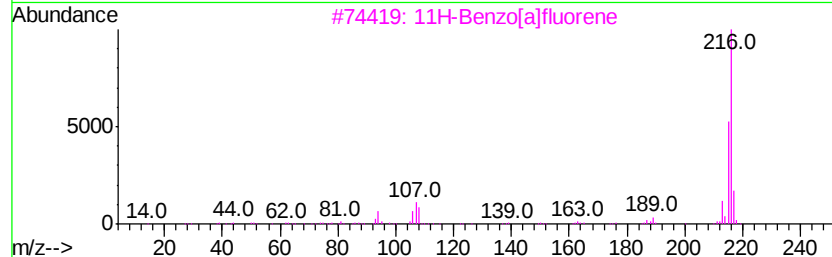
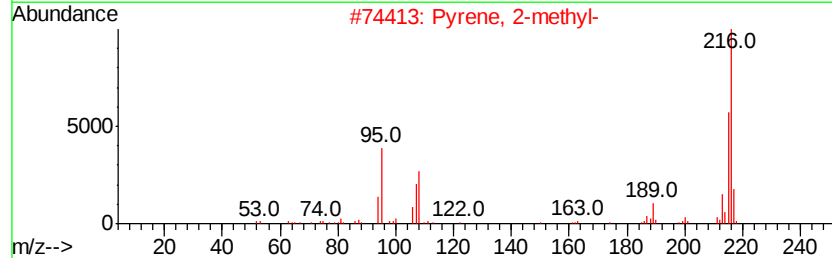
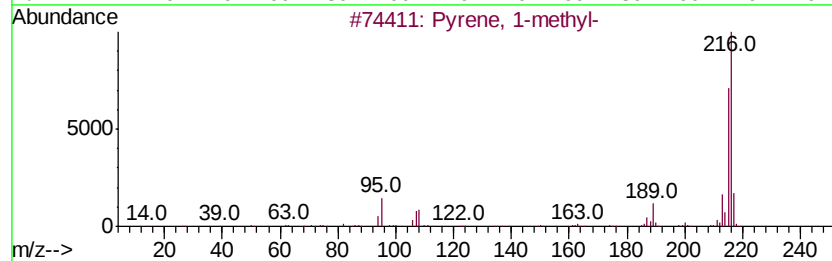
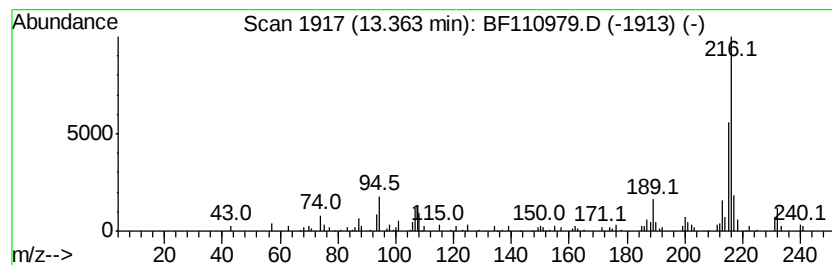
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	3.19 ng	73060	Chrysene-d12	14.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110979.D
Acq On : 26 Nov 2018 22:23
Operator : JU/SJ
Sample : J5774-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

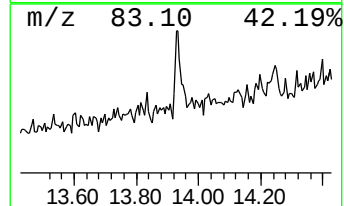
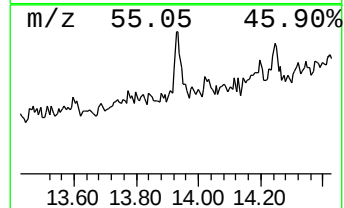
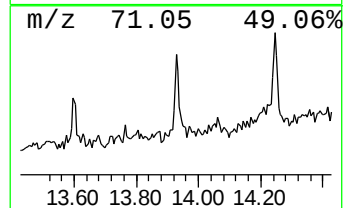
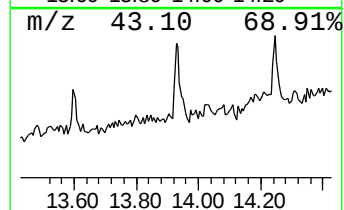
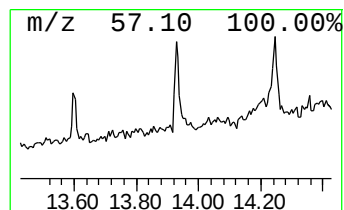
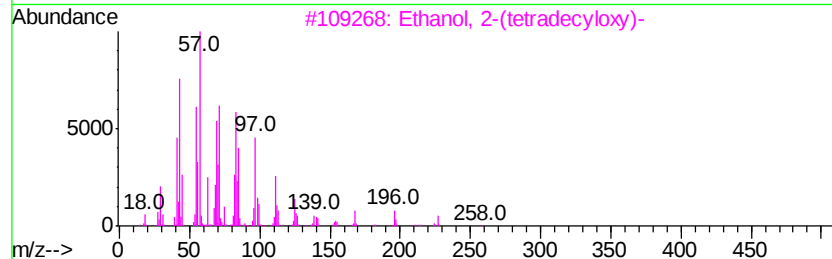
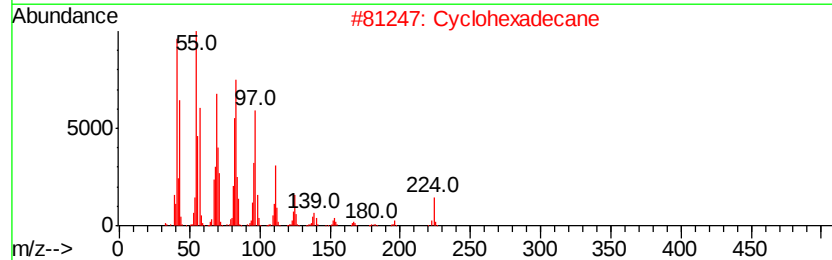
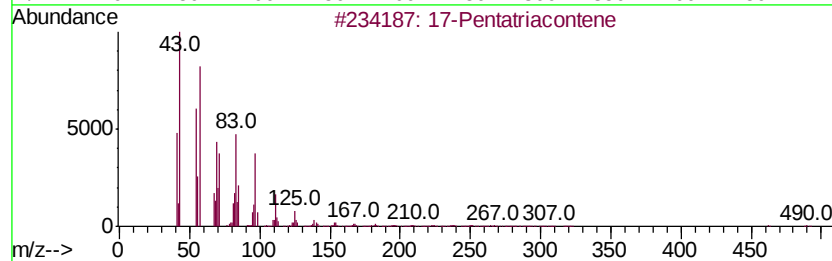
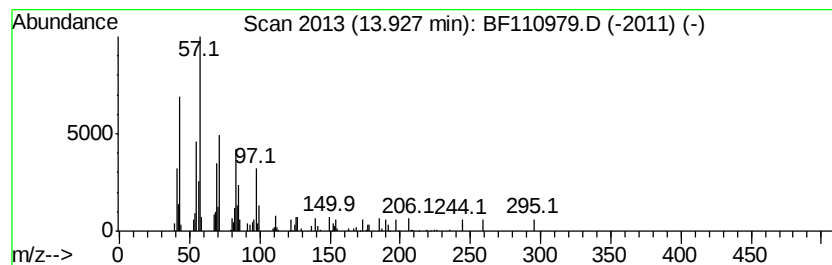
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown13.93 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.93	4.32 ng	98853	Chrysene-d12		14.13		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			17-Pentatriacontene	491	C35H70	006971-40-0	41
2			Cyclohexadecane	224	C16H32	000295-65-8	38
3			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	38
4			Pentafluoropropionic acid, hexadecyl ...	388	C19H33F5O2	006222-07-7	38
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
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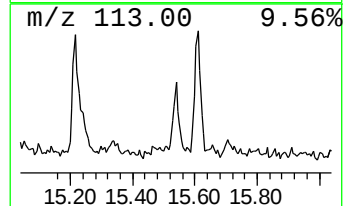
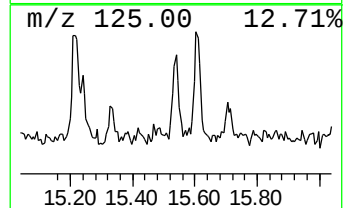
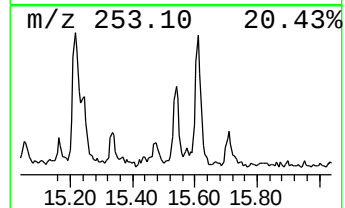
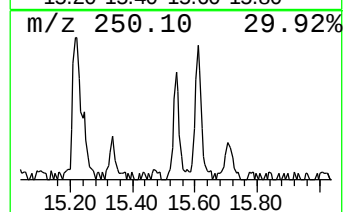
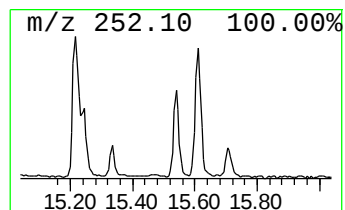
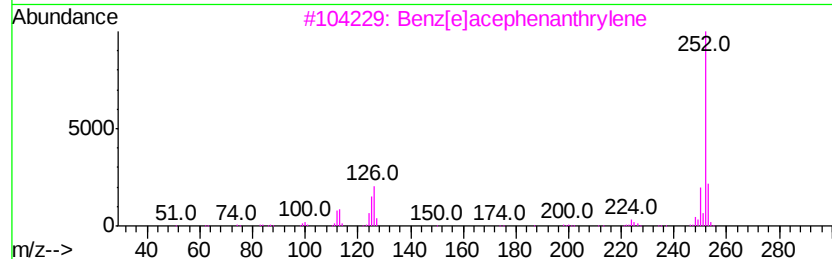
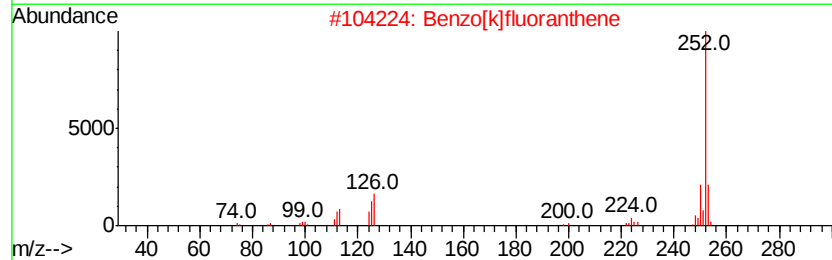
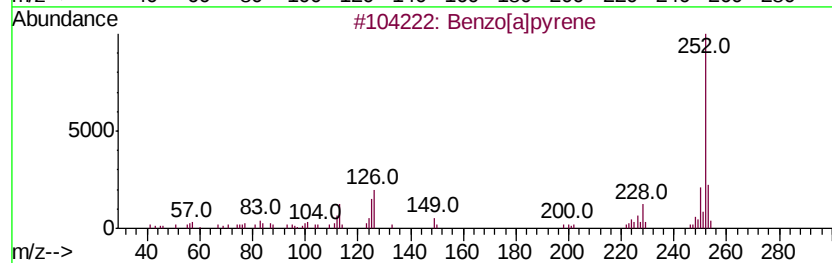
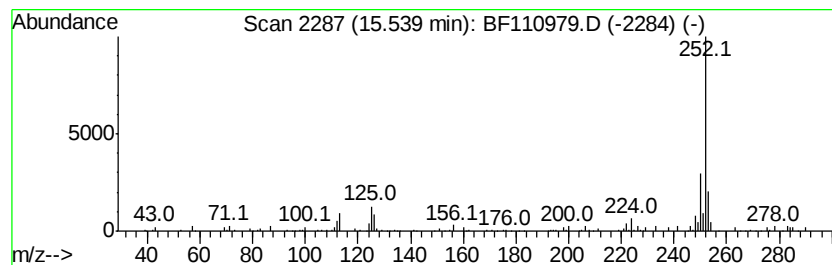
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[a]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	6.97 ng	71115	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	81
4		Benzo[e]lpvrene	252	C20H12	000192-97-2	76
5		Perylene	252	C20H12	000198-55-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110979.D
Acq On : 26 Nov 2018 22:23
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Sample : J5774-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

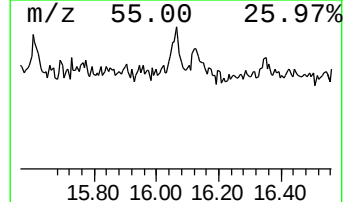
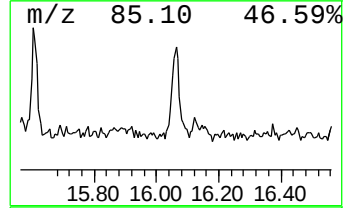
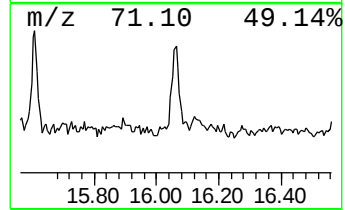
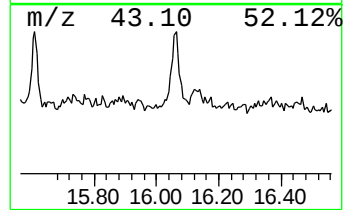
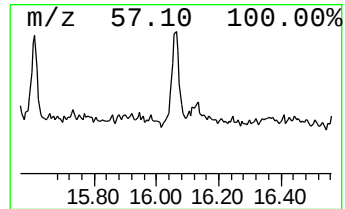
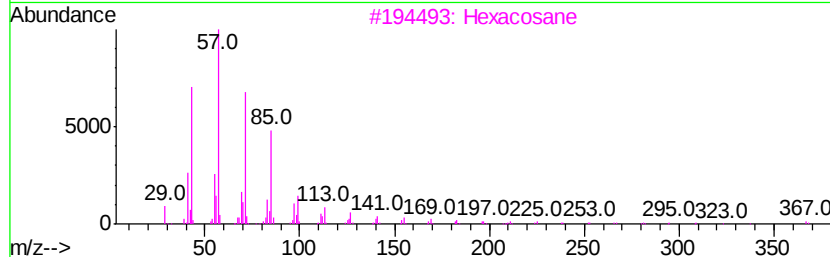
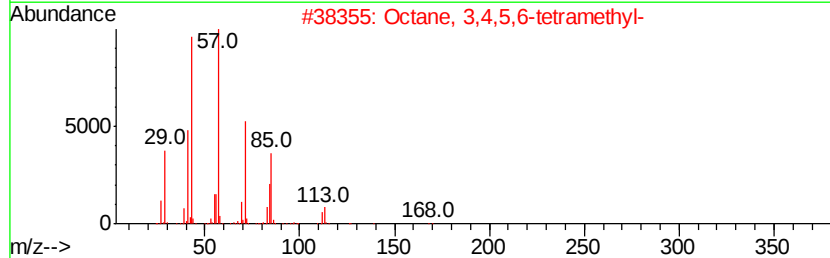
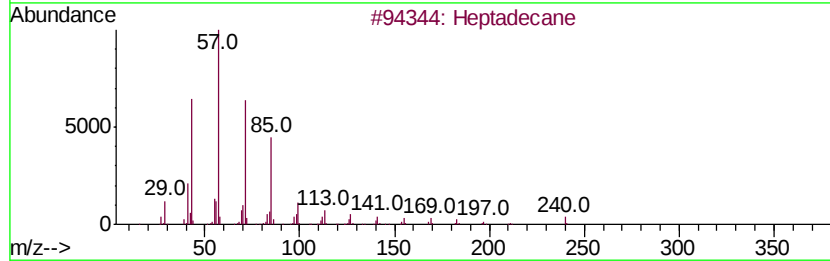
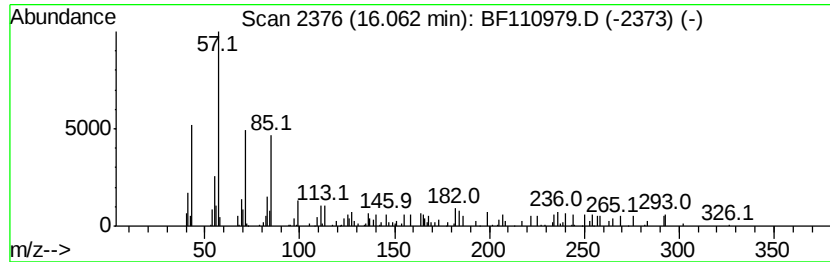
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	7.37 ng	75166	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	83
2		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
3		Hexacosane	366	C26H54	000630-01-3	50
4		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	50
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
 Data File : BF110979.D
 Acq On : 26 Nov 2018 22:23
 Operator : JU/SJ
 Sample : J5774-05 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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
Butane, 2-methoxy...	2.22	4.7 ng		78887	1	6.94	333718	20.0
.alpha.-Pinene	6.20	2.6 ng		44208	1	6.94	333718	20.0
unknown6.71	6.71	39.1 ng		652845	1	6.94	333718	20.0
Hexadecanoic acid...	11.84	7.8 ng		138824	4	11.47	354638	20.0
Phenanthrene, 2-m...	11.98	5.9 ng		104949	4	11.47	354638	20.0
Phenanthrene, 1-m...	12.01	5.1 ng		90286	4	11.47	354638	20.0
4H-Cyclopenta[def...	12.09	8.2 ng		145722	4	11.47	354638	20.0
1H-Cyclopropa[l]p...	12.12	2.3 ng		41468	4	11.47	354638	20.0
9,12-Octadecadien...	12.53	39.4 ng		697971	4	11.47	354638	20.0
9-Octadecenoic ac...	12.55	24.0 ng		425266	4	11.47	354638	20.0
Methyl stearate	12.63	6.9 ng		122766	4	11.47	354638	20.0
11H-Benzo[b]fluorene	13.26	5.7 ng		130390	5	14.13	457474	20.0
Fluoranthene, 2-m...	13.33	2.8 ng		63870	5	14.13	457474	20.0
Pyrene, 1-methyl-	13.36	3.2 ng		73060	5	14.13	457474	20.0
unknown13.93	13.93	4.3 ng		98853	5	14.13	457474	20.0
Benzo[a]pyrene	15.54	7.0 ng		71115	6	15.67	203931	20.0
Heptadecane	16.06	7.4 ng		75166	6	15.67	203931	20.0